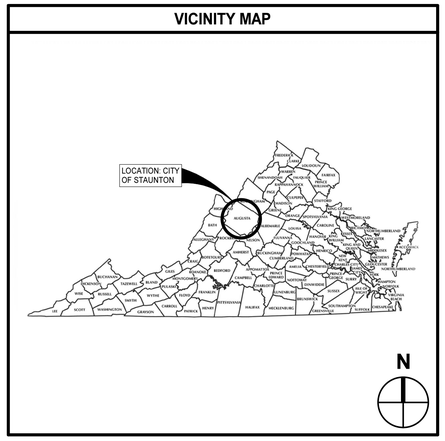
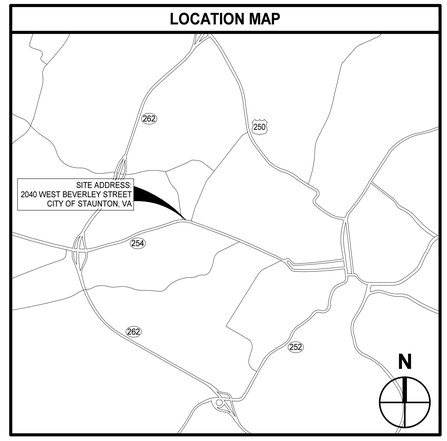
BID SET

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CITY OF STAUNTON





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THE CONTRACT DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL.
IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

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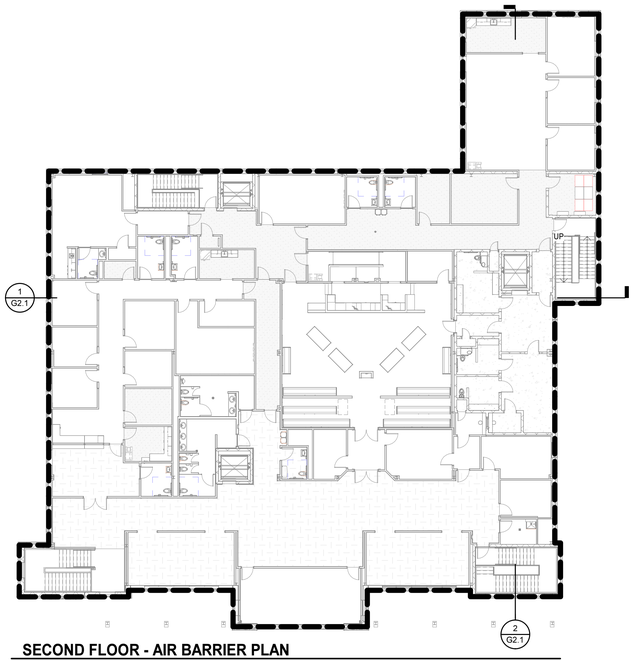
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

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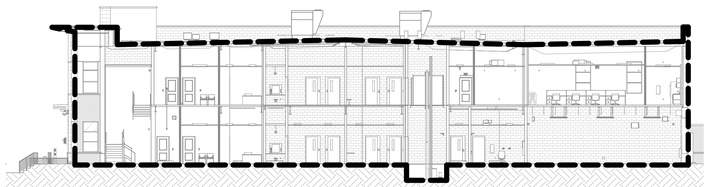
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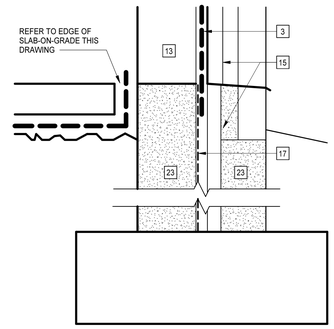
SECOND FLOOR - AIR BARRIER PLAN

1/16" = 1'-0"



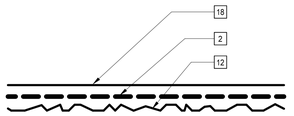
2 G2.1 G2.1 **BUILDING SECTION - AIR BARRIER**

1/16" = 1'-0"



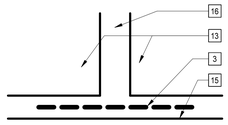
FOOTING/FOUNDATION

NO SCALE — REFER TO WALL SECTIONS, WALL ASSEMBLIES, AND BASE OF WALL DETAIL FOR ADDITIONAL INFORMATION



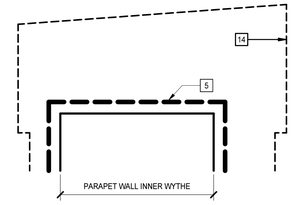
PLANE OF SLAB-ON-GRADE

NO SCALE



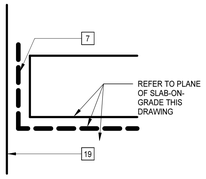
EXTERIOR WALL JOINTS

NO SCALE — REFER TO WALL ASSEMBLIES AND JOINT TYPES FOR ADDITIONAL INFORMATION



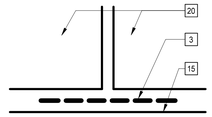
PARAPET

NO SCALE — REFER TO WALL SECTIONS AND WALL ASSEMBLIES FOR ADDITIONAL INFORMATION



EDGE OF SLAB-ON-GRADE

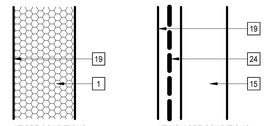
NO SCALE — REFER TO SLAB-ON-GRADE BOUNDARY CONDITIONS FOR ADDITIONAL INFORMATION



PLAN OR SECTION VIEW

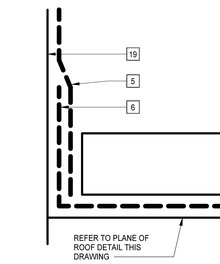
DISSIMILAR MATERIALS

NO SCALE



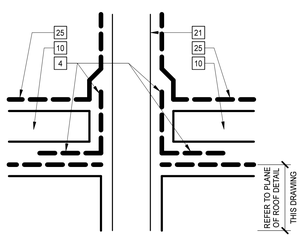
PLANE OF EXTERIOR WALL

NO SCALE — REFER TO WALL ASSEMBLIES FOR ADDITIONAL INFORMATION



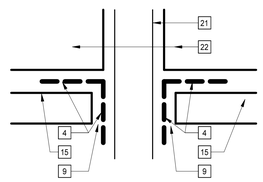
ROOF TO WALL

NO SCALE — REFER TO ROOF AND WALL ASSEMBLIES FOR ADDITIONAL INFORMATION



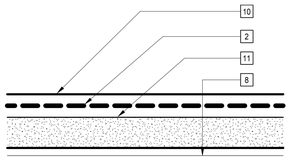
ROOF PENETRATIONS

NO SCALE — REFER TO ROOF ASSEMBLIES FOR ADDITIONAL INFORMATION



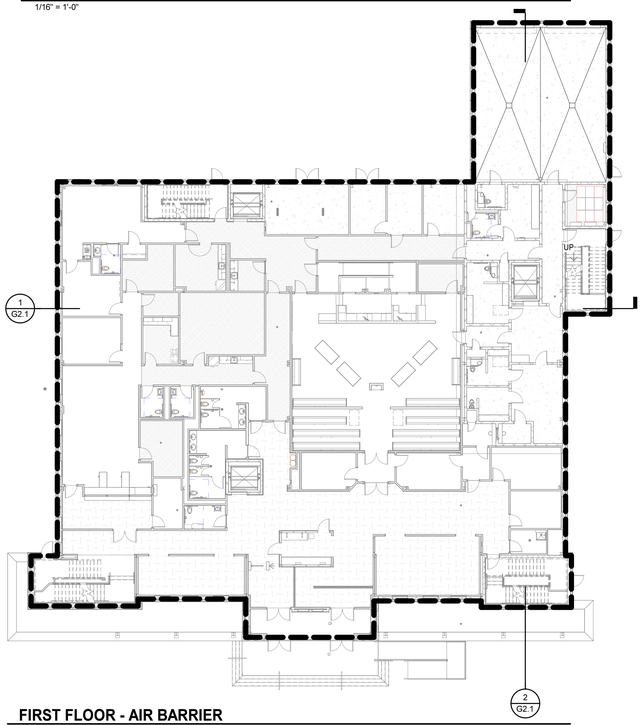
WALL PENETRATIONS

NO SCALE



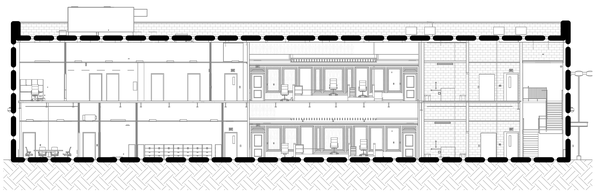
PLANE OF ROOF

NO SCALE — REFER TO ROOF ASSEMBLIES FOR ADDITIONAL INFORMATION



FIRST FLOOR - AIR BARRIER

1/16" = 1'-0"



1 G2.1 G2.1 **BUILDING SECTION - AIR BARRIER**

1/16" = 1'-0"

FLOOR PLAN/BUILDING SECTION LEGEND

- - - - - - -	EXTENT OF AIR BARRIER MEMBRANE / MATERIAL / SYSTEM AND EXTERIOR BUILDING ENVELOPE ENCLOSURE

THIS DRAWING DEPICTS THE EXTENT OF THE AIR BARRIER MEMBRANE / MATERIAL / SYSTEM AND EXTERIOR BUILDING ENVELOPE ENCLOSURE. THE DRAWING IS CONCEPTUAL IN NATURE AND IS COMPLEMENTARY TO OTHER AIR BARRIER AND BUILDING ENVELOPE ENCLOSURE DETAILS, SECTIONS, ASSEMBLIES, AND SPECIFICATIONS.

THE UNDERSLAB VAPOR / AIR BARRIER MATERIAL IN ASSOCIATION WITH THE AIR BARRIER MEMBRANE / MATERIAL ON THE WALLS AND ROOF COMPOSE THE EXTERIOR BUILDING ENVELOPE ENCLOSURE TO PREVENT AIR INFILTRATION AND EXFILTRATION.

THE EXTERIOR BUILDING ENVELOPE ENCLOSURE MAY EXTEND WITHIN EXTERIOR WALLS WHERE THE INTERIOR AND EXTERIOR ENVIRONMENTS ARE NOT SEPARATED (E.G., MECHANICAL AND ELECTRICAL ROOMS, STAIRS, ELEVATORS, AND SIMILAR UNCONDITIONED SPACES). IN SUCH AREAS, MAINTAIN AIR BARRIER CONTINUITY AT THE PARTITIONS SEPARATING THEM FROM CONDITIONED SPACES, SEALING ALL PENETRATIONS, VOIDS, AND GAPS FROM FLOOR TO DECK ABOVE. WHERE SUCH AREAS HAVE PAINTED MASONRY PARTITIONS WITH ADJACENT, SUSPENDED CEILINGS, CONTINUE PAINT FINISH ABOVE CEILINGS FULL HEIGHT TO DECK.

KEYNOTES

APPLIES TO THIS DRAWING REPRESENTED BY [n]

1. SPF AIR BARRIER
2. VAPOR/AIR BARRIER MEMBRANE
3. AIR BARRIER TRANSITION STRIP
4. AIR BARRIER TRANSITION STRIP AROUND ENTIRE PENETRATION
5. AIR BARRIER MEMBRANE - LAP AND CONTINUE UP AND OVER PARAPET
6. VAPOR/AIR BARRIER MEMBRANE - TURN UP, PROVIDE CONTINUOUS AIR-TIGHT SEAL AND ADHERE TO WALL AND TERMINATE PER MFR INSTRUCTIONS
7. VAPOR/AIR BARRIER MEMBRANE - EXTEND UP FACE OF WALL, PROVIDE CONTINUOUS AIR-TIGHT SEAL AND ADHERE TO WALL, THEN CUT OFF FLUSH WITH TOP OF SLAB
8. ROOF DECK
9. FULLY SEAL BETWEEN INSULATION AND PENETRATION ITEM
10. ROOF INSULATION
11. SUBSTRATE BOARD
12. POROUS FILL
13. EXTERIOR WALL INNER WYTHE
14. COPING - OUTLINE MAY VARY
15. CAVITY INSULATION
16. JOINT WIDTH VARIES
17. DAMPPROOFING
18. SLAB-ON-GRADE
19. FACE OF WALL, SHEATHING OR VERTICAL ELEMENT
20. DISSIMILAR MATERIALS
21. PENETRATING ITEM
22. MATERIAL OR WALL BEING PENETRATED
23. GROUTED SOLID MASONRY - SERVES AS AIR BARRIER
24. AIR BARRIER SYSTEM
25. ROOF MEMBRANE

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3|1|2024
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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

GENERAL INFORMATION - AIR BARRIER

G2.1

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KEYNOTES

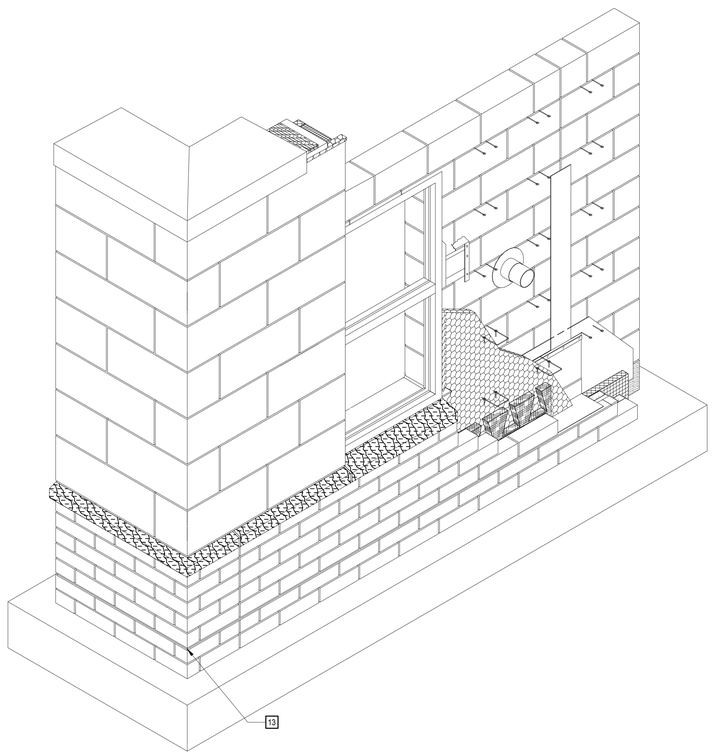
APPLIES TO DRAWING G2.2 ONLY
REPRESENTED BY [X]

1. CONCRETE PAD - SIZE AS REQUIRED TO PROVIDE SUPPORT FOR ENTIRE INTEGRATED MOCKUP PANEL. PROVIDE SUPPLEMENTAL DIAGONAL BRACING IF REQUIRED TO SUPPORT ENTIRE PANEL.
2. TRANSITION MEMBRANE OVER JOINT
3. 4" DIA PIPE PENETRATION W/ TRANSITION MEMBRANE SURROUND
4. JOINT IN CMU ONLY. PREP FOR TRANSITION MEMBRANE ON EXTERIOR SIDE W/ SEALANT SELECTED BY ARCHITECT ON INTERIOR SIDE.
5. PROVIDE GALVANIZED OR STAINLESS STEEL BRACKET AND SECUREMENT AS REQUIRED TO SUPPORT END OF LOOSE STEEL ANGLE LINTEL
6. CUT FRAME AS INDICATED - GLAZING NOT REQUIRED
7. 2'-0"W x 4'-0"L STEEL DECK ON 4"x4" STEEL ANGLE SUPPORT BOLTED TO SOLID CMU WITH ROOF SUBSTRATE BOARD AND AIR BARRIER MEMBRANE SHEET.
8. JOINT IN VENEER ONLY W/ SEALANT SELECTED BY ARCHITECT
9. CELL VENT WEEPS
10. TUBE WEEPS UNDER SILL
11. ROOF MEMBRANE UP PARAPET WALL AND OVER BLOCKING
12. FORM END DAM AT HEAD/JAMB
13. CLIP/CUT DRIP EDGE TO FORM RADIUS AROUND CORNER - AVOID POINTED/SHARP EDGES
14. PROVIDE AND SEAL JOINT AT DRIP EDGE
15. 1'-0" H x4'-0" L VAPOR/AIR BARRIER UNDERSLAB MEMBRANE. SPAN JOINT IN CMU. DEMONSTRATE ADHERENCE TO CMU AND CUT-OFF METHOD.
16. CAST STONE BAND
17. CALCIUM SILICATE BLOCKING

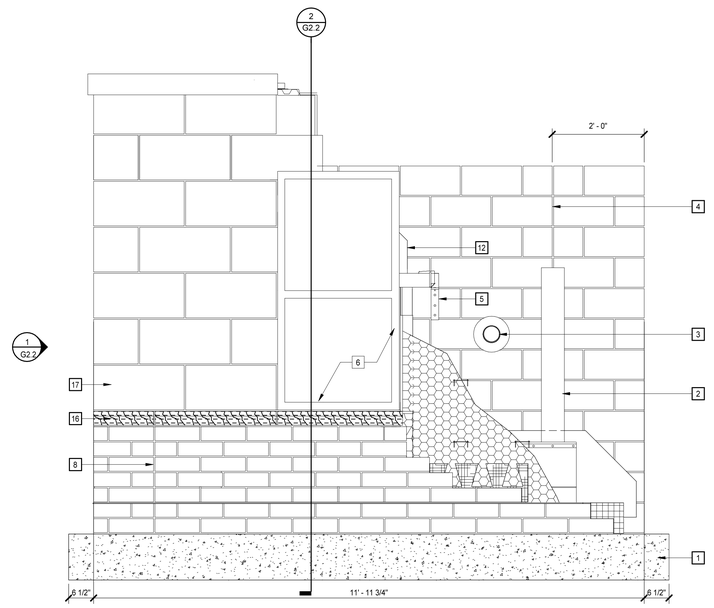
EXTERIOR INTEGRATED MOCKUP PANEL DRAWINGS ARE CONCEPTUAL IN NATURE AND COMPLEMENT OTHER RELATED DRAWINGS AND DETAILS. USE EXTERIOR INTEGRATED MOCKUP PANEL TO DEMONSTRATE AN UNDERSTANDING OF THE MATERIAL INTEGRATION, SEQUENCING, AND PROCESSES REQUIRED TO COORDINATE THESE COMPONENTS AND BUILDING EXTERIOR WALL ASSEMBLY.

REFER TO RELATED AND REFERENCED DETAILS, SECTIONS, WALL ASSEMBLIES, AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

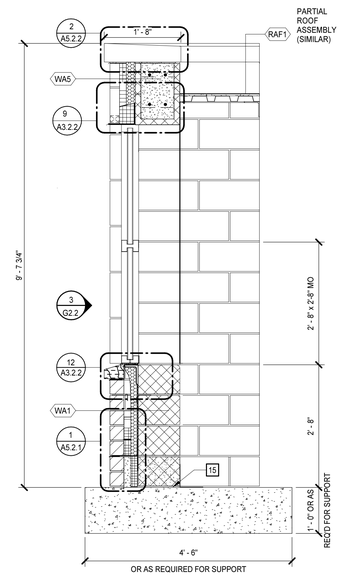
CONSTRUCT IN "STEPPED BACK" METHOD AS SHOWN. LEAVE AND PROTECT INDICATED MATERIALS EXPOSED UNTIL PANEL IS DEMOLISHED.



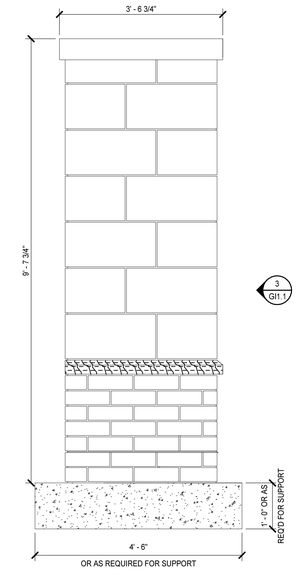
INTEGRATED MOCKUP ISOMETRIC
NO SCALE



3 INTEGRATED MOCKUP FRONT ELEVATION
3/4" = 1'-0"



2 INTEGRATED MOCKUP SECTION
3/4" = 1'-0"



1 INTEGRATED MOCKUP SIDE ELEVATION
3/4" = 1'-0"

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3/1/2024
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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

INTEGRATED MOCKUP PANEL

G2.2

3/1/2024 7:46:59 AM

ADMINISTRATION

101.1

Applicable Codes, Standards, and/or References	Year
Virginia Construction Code (VUSBC Part I)	2018
ICC A117.1	2009

Refer to other Contract Documents (disciplines) and Specifications for additional code summary information not included in this Code Summary (generally related to Chapters 13 through 33).

USE AND OCCUPANCY CLASSIFICATION

302.1

Classification	Group
Assembly	A-3
Business	B

311.1.1 Accessory Storage Sapces

Storage spaces are accesory to the primary B Business Occupancy per 311.1.1 and classificed as part of that occupancy.

SPECIAL DETAILED REQUIREMENTS

408.3.7 Sallyports [Short-Term Holding Areas]

Sallyports are used as means of egress.

408.4.1 Remote Release [Short-Term Holding Areas]

Remote release of locks on doors in a means of egress are provided reliable means of operation, to release locks on all required doors

431 Short-Term Holding Areas

Short-term holidng areas are permitted to be classfied as the main occupancy B Business as all of the following requirements are met:

1. Provisions are made for the release of all restrained or detained occupants of short-term holding areas at all times.

2. Aggregate area of short-term holding areas do not occupy more than 10 percent of the building area of the story in which they are located and do not exceed the tabular values for building area in Table 506.2 without building area increases.

3. Restrained or detained occupant load of each shortterm holding area does not exceed 20.

4. Aggregate restrained or detained occupant load in short-term holding areas per building shall not exceed 80.

5. Compliance with Sections 408.3.7, 408.3.8, 408.4, and 408.7 as applicable for Group I-3 occupancies.

6. Requirements of the main occupancy in which shortterm holding areas are located shall be met.

7. Fire areas containing short-term holding areas shall be provided with a fire alarm system and automatic smoke detection system complying with Section 907.2.6.3 as applicable to I-3 occupancies.

8. Where each fire area containing short-term holding areas exceeds 12,000 square feet (1115 m2), such fire areas shall be provided with an automatic sprinkler system complying with Section 903.3.

9. Short-term holding areas shall be separated from other short-term holding areas and adjacent spaces by smoke partitions complying with Section 710.

GENERAL BUILDING HEIGHT AND AREA LIMITATIONS

503.1.2 Buildings on same lot

Buildings shall be regulated as separate buildings

504.3 Height

Refer to Drawing LS1.1 for allowable height[s]

504.4 Number of Stories

Refer to Drawing LS1.1 for allowable number of stories

506.1 Building Area Modifications

Refer to Drawing LS1.1 for allowable area[s] and modifications

508.1 Mixed Use

Complies with accessory occupancy provisions per 508.2

Complies with nonseparated occupancies provisions per 508.3

508.3 & 4

Mixed Occupancies	Separated or Non-separated
A-3 Assembly	Non-Separated
B Business	Non-Separated

TYPES OF CONSTRUCTION

Table 601 Fire-Resistance Rating Requirements for Building Elements

Refer to Drawing LS1.1

Table 602 Fire-Resistance Rating Requirements for Exterior Walls Based on Fire Separation Distance

Refer to Drawing LS1.1

602.0 Construction Classification

Type IIB

FIRE-RESISTANCE-RATED CONSTRUCTION

705.3 Buildings on same lot

Imaginary lot line established such that the exterior wall openings of the existing building complies w/ Sections 705.5 and 705.8

Table 705.8 Maximum area of exterior wall openings

The Fire Separation Distance is greater than 30' to any lot line or imaginary lot line as such there is no limit to the allowable area of exterior wall openings

710 Smoke Partitions

A smoke partition does not require a fire resistance rating, and is a wall assembly that extends from the top of the foundation or floor below to the underside of the floor or roof sheathing, deck or slab above or to the underside of the ceiling above where the ceiling membrane is constructed to limit the transfer of smoke

Windows in smoke partitions shall be sealed to resist the free passage of smoke or be automatic-closing upon detection of smoke.

Doors in smoke partitions have no rating required

INTERIOR FINISHES

805.1 Application [Combustible materials in Type I and II construction]

Combustible materials provided on or embedded in floors of buildings of Type I or II construction shall comply with Sections 805.1.1 through 805.1.3

Exception: Stages and platforms constructed in accordance with Sections 410.3 and 410.4, respectively

FIRE PROTECTION SYSTEMS

903 Automatic sprinkler system

Building is fully sprinklered

905.3.1 Building height [standpipes]

Standpipe system shall be provided due to building height, Class I per the following exception[s]:

Exception 1: Building is sprinklered

905.4 Location of Class I standpipe hose connections

Each required stairway floor level above or below grade, at intermediate landing between floors unless approved otherwise

Where the roof slope is less than 4:12, on the roof.

905.4.1 Location of Class I standpipe hose connections

Risers and laterals shall be protecte to the same rating as vertical enclosure requirements

Exception: Not required to be protected in fully sprinklered buildings.

906.1 Portable Fire Extinguisher

Portable Fire Extingishers are to be installed in Groups A, B occupancies in areas where flammable or combustible liquids are stored.

Table 906.3(1) Portable Fire Extinguisher

Maximum floor area coverage shall not exceed 11,250 SF

Maximum tavel distance shall not exceed 75 feet.

918.1 In-Building Emergency Communications Coverage

For localities utilizing public safety wireless communications, dedicated infrastructure to accommodate and perpetuate continuous in-building emergency communication equipment to allow emergency public safety personnel to send and receive emergency communications shall be provided in new buildings and structures in accordance...

MEANS OF EGRESS

1003.7 Elevators, escalators and moving sidewalks

Exception: Elevators are used as a component of an accessible means of egress per 1009.4

1004.1 Design Occupant Load

Refer to Drawing LS1.1 for the FACILITY OCCUPANT LOAD

Refer to Drawings LS1.1 through LS1.2 for the OCCUPANCY SCHEDULE

1004.1.2 Areas without fixed seating

Exception: refer to OCCUPANCY SCHEDULE on Drawings LS2.1 through LS2.3 for spaces where actual opcuant lads were utilized.

1005.2 Minimum required egress width

Refer to Drawings LS2.1 through LS2.3 for egress capacities for exits and stairways

1005.3.1 Stairways [egress width]

Egress capacity factor of 0.3 inch per occupant.

Exception 1: Fully sprinklered building ,other than Groups H and I-2; 0.2 inches per occupant

Exception 2: Smoke-protected assembly seating per table 1029.6.2

Exception 3: Outdoor smoke-protected assembly seating per section 1029.6.3

1005.3.2 Other Egress Components

Other than stairs, egress capacity factor of 0.2 inch per occupant.

Exception 1: Fully sprinklered building ,other than Groups H and I-2; 0.15 inches per occupant

Exception 2: Smoke-protected assembly seating per table 1029.6.2

Exception 3: Outdoor smoke-protected assembly seating per section 1029.6.3

1006.2.1 Egress based on occupant load and common path of egress travel

2 exits or exit access shall be provided where occupant load or common path of egress travel distance exceed the following (The cumulative occupant load from adjacent rooms, areas or spaces shall be determined in accordance with Section 1004.2):

Exception: Foyers, lobbies, vestibules or similar discharging spaces

Sprinklered Maximum Common Path of Travel Distance is 75 feet.

1007.1.1 Two exit or exit access separation

Not less than one-half of the length of the maximum overall diagonal dimension of the building or area to be served measured in a straight line between them.

Exception 2: Not be less than one-fourth of the length of the maximum overall diagonal dimension of the area served where building is fully sprinklered.

1008.2.1 Illumination Level Under Normal Power

The means of egress illumination level shall be not less than 1 footcandle (11 lux) at the walking surface.

1009.1 Accessible means of egress

Accessible spaces shall be provided with not less than one accessible means of egress. Where more than one means of egress are required by Section 1006.2 or 1006.3 from any accessible space, each accessible portion of the space shall be served by not less than two accessible means of egress.

1009.3 Means of egress stairways

All means of egress stairways shall be considered accessible means of egress

1009.3.3 Area of refuge

Stairways shall either incorporate an area of refuge within an enlarged floor-level landing or shall be accessed from an area of refuge complying with Section 1009.6.

Exception 1: Areas of refuge not required for stairways where 2-way communication provided at elevator landing

Exception 2: Areas of refuge not required for stairways where building is fully sprinklered

1009.4 Elevators

All elevators shall be considered part of an accessible means of egress with standby power

1009.8 Two-Way Communication

Provided at the landing serving each elevator or bank of elevators on each accessible floor that is one or more stories above or below the level of exit discharge.

1010.1.10 Panic and fire exit hardware

Panic hardware is providedwere with an occupant load greater than 50.

1011.12 Stairway to roof

Access provided by permanent ladder

1017.2 Exit access travel distance limit

250 feet w/sprinkler system

Table 1020.1 Corridor Fire-Resistance Rating

Corridors are not required to be rated.

1020.4 Dead ends

Dead end corridors shall not exceed 20 feet in length

1024.1 Enclosures required [exit enclosure]

All interior exit stairways are enclosed.

1028.1 General [exit dischage]

All exits discharge directly to the exterior

1029.8 Common path of egress travel [assembly]

Common path of egress travel shall not exceed 30 feet

Exception 1: Shall not exceed 75 feet for areas serving less than 50 occupants

1029.12 Seat stability

In places of assembly, seats shall be fastened to the floor

Exception 1: No ramped or tiered floors and with 200 or fewer seats

ACCESSIBILITY

1105.1 Public Entrances [accessible]

At least 60 percent of all public entrances shall be accessible. (Courthouse has one public entrance)

EXTERIOR WALLS

1406.10 Metal Composite Materials (MCM) [Type II construction]

MCM shall comply with 1406.10.1 through 1406.10.4

1406.10.4

MCM system shall be full-scale tested in accordance with NFPA 285

Exception: Building equipped throughout with an automatic sprinkler system

1406.10

MCM maximum 50 feet above grade where installed in accordance with Sections 1406.11.2.1 and 1406.11.2.2

ROOF ASSEMBLIES AND ROOFTOP STRUCTURES

1505.1 General [fire classification of roof covering]

Class A roof assembly shall be provided

STRUCTURAL DESIGN

Table 1604.5 Occupancy category of buildings and other structures

Risk Category III

GLASS AND GLAZING

2407 Glass in Handrails and Guards

Glass in Guards is laminated glass complying with Category II of CPSC 16 CFR 1201 or Class A of ANSI Z97.1

ELEVATORS AND CONVEYING SYSTEMS

3005.7 Machine-room-less elevator

Machine-room-less elevators shall comply with ASME A17.1 and Section 3005.7

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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

CODE SUMMARY

LS1.0

3/1/2024 7:58:35 AM

BUILDING DATA

PRIMARY OCCUPANCY CLASSIFICATION:	B: Business		
CONSTRUCTION TYPE:	IIB		
FULLY SPRINKLED:	Yes; Allowable Area Factor "SM" per Table 506.2		
MIXED OCCUPANCY:	Yes		
NON-SEPARATED MIXED USE:	Yes	DESIGN OCCUPANCY CLASSIFICATION:	A-3: Assembly
SEPARATED MIXED USE:	No		

BUILDING HEIGHT IN FEET - TABULAR (TABLE 504.3)	BUILDING HEIGHT IN FEET (ACTUAL)	ALLOWABLE LARGER THAN ACTUAL	ALLOWABLE STORIES - TABULAR (TABLE 504.4)	STORIES ABOVE GRADE (ACTUAL)	ALLOWABLE LARGER THAN ACTUAL
75	35	YES	2	2	YES

FRONTAGE INCREASE TABULATIONS	F	P	W	AREA INCREASE FOR FRONTAGE (%)	"NS" TABULAR AREA PER TABLE 506.2	FRONTAGE INCREASE (SF)
	572	572	30	75.00	9,500	7,125

STORY LEVEL	AREA IN SQUARE FEET-TABULAR (TABLE 506.2)	FRONTAGE INCREASE (SF)	ALLOWABLE AREA PER STORY (SF)	BUILDING AREA PER STORY (ACTUAL SF)	ALLOWABLE LARGER THAN ACTUAL
STORY 1	28,500	7,125	35,625	17,165	YES
STORY 2	28,500	7,125	35,625	17,165	YES
TOTAL BUILDING AREA			71,250	34,330	YES

TOTAL BUILDING AREA DETERMINATION:	Two-Story; Allowable times 2

Assembly Code

FACILITY OCCUPANT LOAD

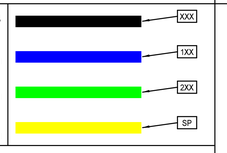
	OCCUPANCY	OCCUPANT LOAD PER OCCUPANCY		
		STORY 1	STORY 2	TOTAL
	A-3	103	75	178
	B	193	262	455
	BUILDING TOTAL	**296**	**337**	**633**
	NUMBER OF EXITS	**6**	**3**	

Assembly Code

LIFE SAFETY SYMBOL LEGEND

APPLIES TO LS SERIES OF DRAWINGS ONLY

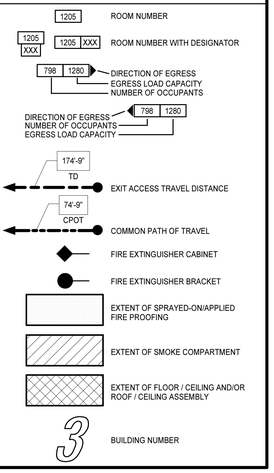
WALL DESIGNATORS



	WALL	BARRIER	PARTITION	RATED EXT WALL
4 HR FIRE	4FW	4FB	-	4EW
3 HR FIRE	3FW	3FB	-	3EW
2 HR FIRE	2FW	2FB	-	2EW
1 HR FIRE	-	1FB	1FP	1EW
½ HR FIRE	-	-	½FP	-
SMOKE	-	SB	SP	-
INCIDENTAL ACCCESSORY OCCUPANCY	-	-	IA	-

NOTE:
WALL DESIGNATIONS ON THE LS SERIES OF DRAWINGS ARE FOR GRAPHICAL PURPOSES ONLY AND MAY NOT REPRESENT THE ACTUAL WALL/PARTITION CONSTRUCTION. REFER TO THE CONTRACT DOCUMENTS, INCLUDING THE LIFE SAFETY SYMBOLS LEGEND AND A0, A1 AND, A2 SERIES OF DRAWINGS, FOR ACTUAL WALL/PARTITION TYPES AND CONSTRUCTION REQUIREMENTS.

SYMBOLS



FIRE RESISTANCE RATING OF BUILDING ELEMENTS

CONSTRUCTION TYPE:	IIB
BUILDING ELEMENT	**REQUIRED RATING**
PRIMARY STRUCTURAL FRAME	0 HRS
EXTERIOR BEARING WALLS	0 HRS
INTERIOR BEARING WALLS	0 HRS
EXTERIOR NONBEARING WALLS AND PARTITIONS	0 HRS
INTERIOR NONBEARING WALLS AND PARTITIONS	0 HRS
FLOOR CONSTRUCTION & SECONDARY MEMBERS	0 HRS
ROOF CONSTRUCTION & SECONDARY MEMBERS	0 HRS
FIRE WALLS	-NA-
FIRE BARRIERS	1 HR
SHAFT ENCLOSURES (Less than 4 stories)	1 HR
SHAFT ENCLOSURES (4 or more stories)	-NA-
EXIT ENCLOSURES (Less than 4 stories)	1 HR
EXIT ENCLOSURES (4 or more stories)	-NA-
FIRE PARTITIONS	-NA-
SMOKE BARRIERS	-NA-
SMOKE PARTITIONS	
CORRIDORS	0 HRS
HORIZONTAL ASSEMBLIES	0 HRS

FIRE RATED ASSEMBLIES

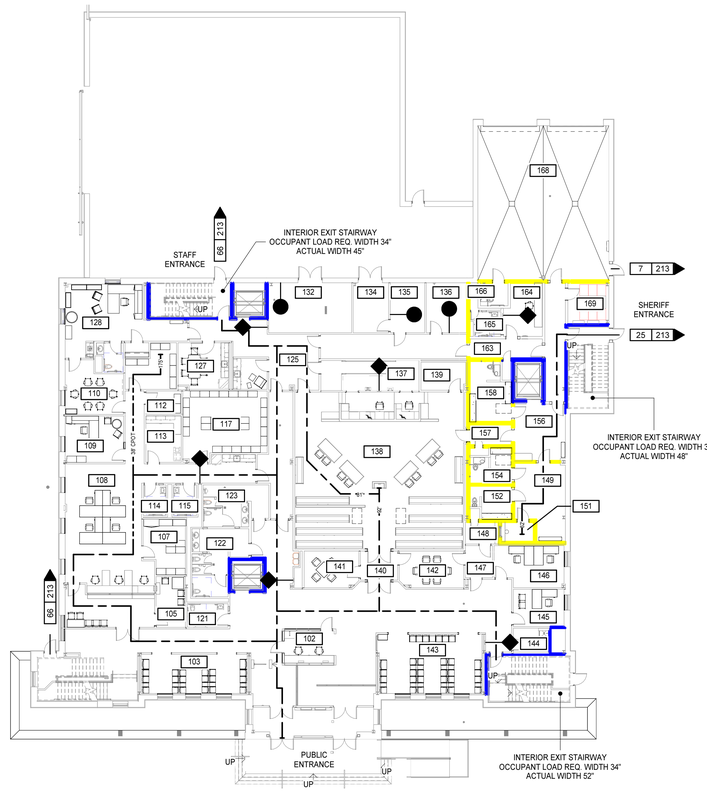
REPRESENTED BY (Xn)

THE ASSEMBLIES REFERENCED ARE BASIS OF DESIGN. EQUIVALENT COMPATIBLE TESTED ASSEMBLIES WILL BE ACCEPTABLE IF APPROVED BY THE LAHJ

MARK	FIRE RATING	APPLIES TO	REFERENCE	REMARKS
X1	1 HOUR	CONCRETE MASONRY UNIT PARTITION	VCC TABLE 721.1(2)	
X2	1 HOUR	VERTICAL SHAFTWALL ASSEMBLY	UL U415	

OCCUPANCY SCHEDULE - FIRST FLOOR

SPACE NUMBER	SPACE NAME	USE CLASSIFICATION	USED TO DETERMINE OCCUPANCY FACTOR ONLY	FLOOR AREA PER OCCUPANT	AREA SF	AREA GROSS	AREA NET	OCCUPANCY LOAD TABULAR	OCCUPANCY LOAD ACTUAL	OCCUPANCY LOAD DESIGN
100	VEST	B	BUSINESS AREAS	150 SF	195	•		2		2
101	LOBBY	B	BUSINESS AREAS	150 SF	1687	•		12		12
102	SECURITY DESK	B	BUSINESS AREAS	150 SF	111	•		1	1	1
103	WAITING	B	ASSEMBLY, UNCONCENTRATED	15 SF			•		24	24
104	VISITOR WAITING	B	ASSEMBLY, UNCONCENTRATED	15 SF			•		7	7
105	DOC REVIEW	B	BUSINESS AREAS	150 SF	101	•		1	3	3
106	CUSTOMER SERVICE COUNTER	B	BUSINESS AREAS	150 SF	148	•		1	3	3
107	FILES	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	147	•		1		1
108	OPEN OFFICE	B	BUSINESS AREAS	150 SF	722	•		5	4	4
109	J&DR CLERK	B	BUSINESS AREAS	150 SF	184	•		2	3	3
110	CONFERENCE	B	ASSEMBLY, UNCONCENTRATED	15 SF			•		6	6
111	STORAGE	B	BUSINESS AREAS	150 SF	136	•		1		1
112	SECURE STORAGE	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	56	•		1		1
113	WORKROOM	B	BUSINESS AREAS	150 SF	113	•		1		1
114	STAFF TLT	B	BUSINESS AREAS	150 SF	48	•		1		1
115	STAFF TLT	B	BUSINESS AREAS	150 SF	48	•		1		1
116	KITCHENETTE	B	BUSINESS AREAS	150 SF	87	•		1		1
117	INACTIVE FILES	B	BUSINESS AREAS	150 SF	371	•		3		3
119	ELEVATOR	B	BUSINESS AREAS	150 SF	66	•		1		1
120	CORR	B	BUSINESS AREAS	150 SF	169	•		2		2
121	FAMILY TLT	B	BUSINESS AREAS	150 SF	66	•		1		1
122	WOMEN'S TOILET	B	BUSINESS AREAS	150 SF	202	•		2		2
123	MEN'S TOILET	B	BUSINESS AREAS	150 SF	172	•		2		2
124	CORR	B	BUSINESS AREAS	150 SF	225	•		2		2
125	CORR	B	BUSINESS AREAS	150 SF	340	•		3		3
126	WELLNESS ROOM	B	BUSINESS AREAS	150 SF	72	•		1	1	1
127	SHARED BREAK	B	BUSINESS AREAS	150 SF	158	•		2		2
128	JUDGE CHAMBER	B	BUSINESS AREAS	150 SF	367	•		3	4	4
129	CLOSET	B	BUSINESS AREAS	150 SF	23	•		1		1
130	TOILET	B	BUSINESS AREAS	150 SF	45	•		1		1
131	STAFF ELEV	B	BUSINESS AREAS	150 SF	75	•		1		1
132	MECH	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	284	•		1		1
134	MAIN ELEC	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	121	•		1		1
135	ELEC	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	117	•		1		1
136	MDF	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	139	•		1		1
137	RAMP	B	BUSINESS AREAS	150 SF	191	•		2		2
138	J&DR COURTROOM	A3	ASSEMBLY, FIXED SEATING	0 SF	1805			103	103	103
139	A/V	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	84	•		1		1
140	VEST	B	BUSINESS AREAS	150 SF	74	•		1		1
141	ATTNY/WITNESS	B	BUSINESS AREAS	150 SF	134	•		1	4	4
142	ATTNY/WITNESS/REMOTE	B	BUSINESS AREAS	150 SF	159	•		2	6	6
143	WAITING	B	ASSEMBLY, UNCONCENTRATED	15 SF			•		30	30
144	JAN	B	BUSINESS AREAS	150 SF	58	•		1		1
145	BLUE RIDGE COURT SRVCS	B	BUSINESS AREAS	150 SF	129	•		1	3	3
146	COMM ATTNY	B	BUSINESS AREAS	150 SF	187	•		2	2	2
147	CORR	B	BUSINESS AREAS	150 SF	60	•		1		1
148	INV	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	50	•		1	1	1
149	SALLY PORT	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	197	•		1		1
150	COUNTER	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	44	•		1	1	1
151	INV	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	44	•		1	1	1
152	HOLDING	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	86	•		1	2	2
153	CHASE	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	8	•		1		1
154	HOLDING	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	88	•		1	2	2
155	CHASE	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	10	•		1		1
156	SECURE CORR	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	199	•		1		1
157	SALLY PORT	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	60	•		1		1
158	HOLDING	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	159	•		1	4	4
159	CHASE	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	13	•		1		1
160	SECURE ELEVATOR	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	74	•		1		1
161	SALLY PORT	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	166	•		1		1
163	SALLY PORT	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	97	•		1		1
164	CONTROL ROOM	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	130	•		1	1	1
165	STAFF TOILET	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	47	•		1		1
166	HOLD TOILET	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	43	•		1		1
168	VEHICLE SALLY PORT	B	PARKING GARAGE	200 SF	1379	•		7		7
169	SECURITY ELECTRONICS	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	116	•		1		1
S01-01	OPEN STAIR	B	BUSINESS AREAS	150 SF	299	•		2		2
S02-01	STAIR 2	B	BUSINESS AREAS	150 SF	247	•		2		2
S03-01	STAIR 3	B	BUSINESS AREAS	150 SF	183	•		2		2
S04-01	STAIR 4	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	214	•		1		1
										294



N 1 A1.1.2 LS1.1

LIFE SAFETY PLAN - FIRST FLOOR

1/16" = 1'-0"

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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

LIFE SAFETY INFORMATION - FIRST FLOOR

LS1.1

3/1/2024 7:58:36 AM

LIFE SAFETY SYMBOL LEGEND

APPLIES TO LS SERIES OF DRAWINGS ONLY

WALL DESIGNATORS

DESIGNATION, UNO	XXX
1 HR FIRE DESIGNATION	1XX
2 HR FIRE DESIGNATION	2XX
SMOKE PARTITION DESIGNATION	SP

	WALL	BARRIER	PARTITION	RATED EXT WALL
4 HR FIRE	4FW	4FB	-	4EW
3 HR FIRE	3FW	3FB	-	3EW
2 HR FIRE	2FW	2FB	-	2EW
1 HR FIRE	-	1FB	1FP	1EW
½ HR FIRE	-	-	½FP	-
SMOKE	-	SB	SP	-
INCIDENTAL ACCCESSORY OCCUPANCY	-	-	IA	-

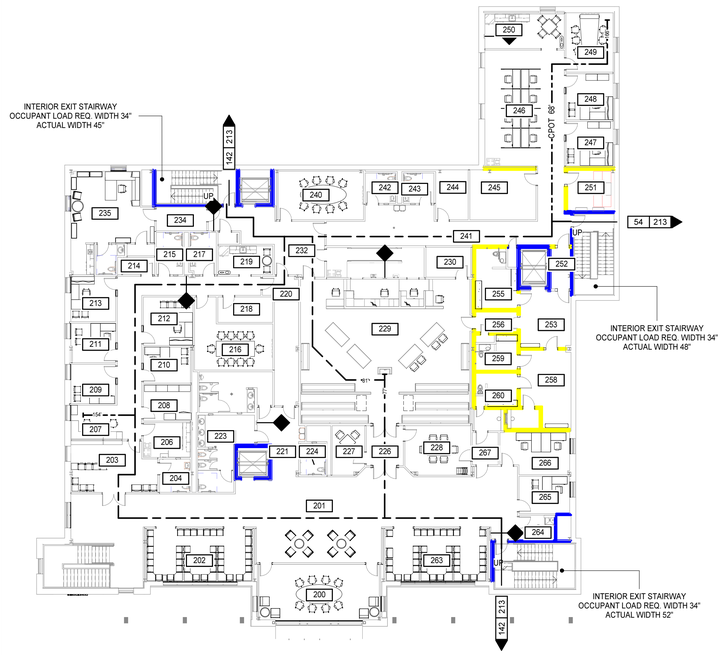
NOTE:
WALL DESIGNATIONS ON THE LS SERIES OF DRAWINGS ARE FOR GRAPHICAL PURPOSES ONLY AND MAY NOT REPRESENT THE ACTUAL WALL/PARTITION CONSTRUCTION. REFER TO THE CONTRACT DOCUMENTS, INCLUDING THE LIFE SAFETY SYMBOLS LEGEND AND A0, A1 AND, A2 SERIES OF DRAWINGS, FOR ACTUAL WALL/PARTITION TYPES AND CONSTRUCTION REQUIREMENTS.

SYMBOLS

- 1205 — ROOM NUMBER
- 1205 XXX — ROOM NUMBER WITH DESIGNATOR
- 798 1280 — DIRECTION OF EGRESS, EGRESS LOAD CAPACITY, NUMBER OF OCCUPANTS
- DIRECTION OF EGRESS, NUMBER OF OCCUPANTS, EGRESS LOAD CAPACITY — 798 1280
- 174'-9" TD — EXIT ACCESS TRAVEL DISTANCE
- 74'-9" CPOT — COMMON PATH OF TRAVEL
- FIRE EXTINGUISHER CABINET
- FIRE EXTINGUISHER BRACKET
- EXTENT OF SPRAYED-ON/APPLIED FIRE PROOFING
- EXTENT OF SMOKE COMPARTMENT
- EXTENT OF FLOOR / CEILING AND/OR ROOF / CEILING ASSEMBLY
- 3 — BUILDING NUMBER

OCCUPANCY SCHEDULE - SECOND FLOOR

SPACE NUMBER	SPACE NAME	USE CLASSIFICATION	USED TO DETERMINE OCCUPANCY FACTOR ONLY	FLOOR AREA PER OCCUPANT	AREA SF	AREA GROSS	AREA NET	OCCUPANCY LOAD TABULAR	OCCUPANCY LOAD ACTUAL	OCCUPANCY LOAD DESIGN
200	CONFERENCE ROOM	B	ASSEMBLY, UNCONCENTRATED	15 SF			•		12	12
201	LOBBY	B	BUSINESS AREAS	150 SF	1792	•		12	8	8
202	WAITING	B	ASSEMBLY, UNCONCENTRATED	15 SF			•		40	40
203	VISITOR WAITING	B	BUSINESS AREAS	150 SF	285	•		2	11	11
204	CUSTOMER TLT	B	BUSINESS AREAS	150 SF	69	•		1		1
205	CORRIDOR	B	BUSINESS AREAS	150 SF	415	•		3		3
206	WORKROOM	B	BUSINESS AREAS	150 SF	112	•		1		1
207	OFFICE SPECIALIST	B	BUSINESS AREAS	150 SF	118	•		1	2	2
208	FILES	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	116	•		1		1
209	PROBATION OFFICER	B	BUSINESS AREAS	150 SF	120	•		1	3	3
210	INTERN	B	BUSINESS AREAS	150 SF	116	•		1	4	4
211	SUPERVISOR	B	BUSINESS AREAS	150 SF	119	•		1	3	3
212	INTAKE OFFICER	B	BUSINESS AREAS	150 SF	164	•		2	5	5
213	DIRECTOR	B	BUSINESS AREAS	150 SF	138	•		1	3	3
214	SERVER ROOM	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	38	•		1		1
215	STAFF TLT	B	BUSINESS AREAS	150 SF	75	•		1		1
216	CONFERENCE ROOM	B	ASSEMBLY, UNCONCENTRATED	15 SF			•		10	10
217	STAFF TLT	B	BUSINESS AREAS	150 SF	74	•		1		1
218	ELEC	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	96	•		1		1
219	KITCHENETTE	B	BUSINESS AREAS	150 SF	108	•		1		1
220	CORRIDOR	B	BUSINESS AREAS	150 SF	226	•		2		2
221	CORR	B	BUSINESS AREAS	150 SF	170	•		2		2
222	MEN'S TOILET	B	BUSINESS AREAS	150 SF	191	•		2		2
223	WOMEN'S TOILET	B	BUSINESS AREAS	150 SF	226	•		2		2
224	FAMILY TLT	B	BUSINESS AREAS	150 SF	54	•		1		1
225	ELEVATOR	B	BUSINESS AREAS	150 SF	66	•		1		1
226	VEST	B	BUSINESS AREAS	150 SF	101	•		1		1
227	ATTNY/WITNESS	B	BUSINESS AREAS	150 SF	106	•		1	4	4
228	ATTNY/WITNESS/REMOTE	B	BUSINESS AREAS	150 SF	218	•		2	6	6
229	JUVENILE AND DOMESTIC RELATIONS COURTROOM	A3	ASSEMBLY, FIXED SEATING	0 SF	1669			75	75	75
230	A/V	B	BUSINESS AREAS	150 SF	91	•		1		1
231	RAMP	B	BUSINESS AREAS	150 SF	189	•		2		2
232	CORRIDOR	B	BUSINESS AREAS	150 SF	324	•		3		3
233	ROOF ACCESS	B	BUSINESS AREAS	150 SF	18	•		1		1
234	CORRIDOR	B	BUSINESS AREAS	150 SF	81	•		1		1
235	JUDGES CHAMBER	B	BUSINESS AREAS	150 SF	372	•		3	7	7
236	CLOSET	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	22	•		1		1
237	TLT	B	BUSINESS AREAS	150 SF	48	•		1		1
238	COFFEE	B	BUSINESS AREAS	150 SF	49	•		1		1
239	STAFF ELEVATOR	B	BUSINESS AREAS	150 SF	75	•		1		1
240	CONFERENCE	B	BUSINESS AREAS	150 SF	283	•		2	6	6
241	CORRIDOR	B	BUSINESS AREAS	150 SF	579	•		4		4
242	STAFF TLT	B	BUSINESS AREAS	150 SF	63	•		1		1
243	STAFF TLT	B	BUSINESS AREAS	150 SF	63	•		1		1
244	IDF	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	129	•		1		1
245	SECURE STORAGE	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	225	•		1		1
246	OPEN OFFICE	B	BUSINESS AREAS	150 SF	630	•		5	8	8
247	DEPUTY SHERIFF SERGEANT	B	BUSINESS AREAS	150 SF	144	•		1	3	3
248	CHIEF DEPUTY SHERIFF	B	BUSINESS AREAS	150 SF	148	•		1	3	3
249	CONFERENCE ROOM	B	BUSINESS AREAS	150 SF	191	•		2	6	6
250	KITCHENETTE	B	BUSINESS AREAS	150 SF	187	•		2	4	4
251	SECURITY ELECTRONICS	B	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	134	•		1		1
252	SALLYPORT	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	57	•		1		1
253	SECURE CORR	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	199	•		1		1
255	HOLDING	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	157	•		1	4	4
256	SALLYPORT	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	60	•		1		1
258	SALLYPORT	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	197	•		1		1
259	HOLDING	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	88	•		1	2	2
260	HOLDING	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	86	•		1	2	2
261	HOLDING BENCH	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	44	•		1	1	1
262	INV	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	44	•		1	1	1
263	WAITING	B	ASSEMBLY, UNCONCENTRATED	15 SF			•		40	40
264	JAN	B	BUSINESS AREAS	150 SF	62	•		1		1
265	MEDIATOR	B	BUSINESS AREAS	150 SF	129	•		1	3	3
266	PUBLIC DEFENDER/ATTORNEY	B	BUSINESS AREAS	150 SF	187	•		2	3	3
267	CORR	B	BUSINESS AREAS	150 SF	57	•		1		1
268A	INV	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	45	•		1	1	1
S01-02	OPEN STAIR	B	BUSINESS AREAS	150 SF	299	•		2		2
S02-02	STAIR 2	B	BUSINESS AREAS	150 SF	253	•		2		2
S03-02	STAIR 3	B	BUSINESS AREAS	150 SF	183	•		2		2
S04-02	STAIR 4	B	INSTITUTIONAL, INPATIENT TREATMENT AREA	240 SF	221	•		1		1
										336



N — 1 A3.1.2 LS1.2

LIFE SAFETY PLAN - SECOND FLOOR

1/16" = 1'-0"

MOSELEY ARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-9690
MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
ANTHONY J. BELL III
Lic. No. 009147
3/1/2024
ARCHITECT

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

LIFE SAFETY INFORMATION - SECOND FLOOR

LS1.2

3/1/2024 7:58:37 AM

STAUNTON J&DR COURTS

FINAL SITE PLAN

CITY OF STAUNTON, VA

DECEMBER 4, 2023

SITE DATA:

SUBJECT PROPERTY:

OWNER:	CITY OF STAUNTON
REFERENCE:	DB. 200, PG. 470 (CITY OF STAUNTON) INST. 230001874
TAX MAP PARCEL:	TMP 3432
PROPERTY ADDRESS:	2040 W BEVERLEY ST, STAUNTON, VA 24401
PARCEL AREA:	10.295 ACRES (SURVEYED)
DISTURBED AREA:	6.56 ACRES
ZONING:	B2
OVERLAY:	ENTRANCE CORRIDOR OVERLAY DISTRICT

SETBACKS:

FRONT YARD:	5 MINIMUM
SIDE YARD:	NO MINIMUM
REAR YARD:	NO MINIMUM

SURVEY INFORMATION:

1. THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD SURVEY BY TIMMONS GROUP COMPLETED ON JULY 17, 2023.
2. SITE TOPOGRAPHICAL DATA HEREON IS BASED ON A FIELD TOPOGRAPHICAL SURVEY COMPLETED BY TIMMONS GROUP ON AUGUST 18TH 2023.
3. HORIZONTAL DATUM IS BASED ON NAD83 (NA2011), VIRGINIA STATE GRID, NORTH ZONE. DATUM ESTABLISHED THROUGH NETWORK GPS (LEICA SmartNET) OBSERVATIONS.

SURVEYOR OF RECORD
TIMMONS GROUP
28 IMPERIAL DRIVE
STAUNTON, VA 24401
JOSEPH C. MEDLEY, LS
JOE.MEDLEY@TIMMONS.COM
(540) 885-0920

LANDSCAPE ARCHITECT OF RECORD
TIMMONS GROUP
608 PRESTON AVENUE, SUITE 200
CHARLOTTESVILLE, VA 22903
SCOTT WILEY, LA
SCOTT.WILEY@TIMMONS.COM
(804) 200-6424

PARKING:

REQUIRED PARKING:	1 SPACE PER 300 SF OF USABLE FLOOR SPACE PLUS 1 PER 3 EMPLOYEES. (34330 BUILDING SF ÷ 300SF PER SPACE)+(30 EMPLOYEES ÷ 3 EMPLOYEES PER SPACE) + 10 SHERIFF SPACES = 135 REQUIRED SPACES
PROVIDED PARKING:	141 SPACES (6 ADA SPACES)

WETLAND IMPACTS:

NO JURISDICTION DELINEATED WETLANDS ARE PROPOSED TO BE IMPACTED WITH THIS DEVELOPMENT.

SPECIAL FLOOD HAZARD INFORMATION:

BASED ON FEMA LETTER OF MAP REVISION (LOMR) CASE NO. 20-03-1605P, EFFECTIVE MARCH 30, 2021, PORTIONS OF THE SUBJECT PROPERTY SHOWN HEREON LIE IN:

- ZONE 'AE', SPECIAL FLOOD HAZARD AREA WITH BASE ELEVATION OR DEPTH;
- SHADED ZONE 'X', AREAS SUBJECT TO THE 0.2% ANNUAL CHANCE FLOOD HAZARD;
- AND UNSHADED ZONE 'X', AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD.

NO IMPACTS TO THE FLOODPLAIN ARE PROPOSED WITH THIS DEVELOPMENT.

BURIAL SITE INFORMATION:

NO EVIDENCE OF CEMETERY OR BURIAL GROUND WAS OBSERVED IN THE PROCESS OF CONDUCTING THE SURVEY FIELD-WORK AS SHOWN HEREON.

LAND USE:

2 STORY, 17,165 SF BUILDING:	0.394 ACRES	3.83%
PARKING ASSOCIATED DRIVE AISLES:	1.479 ACRES	14.37%
TOTAL LOT AREA:	10.295 ACRES	100.00%

RESPONSIBLE LAND DISTURBER:

THE PROFESSIONAL ENGINEER SEALING THIS PLAN SHALL ACT AS THE RESPONSIBLE LAND DISTURBER THROUGH THE PLAN APPROVAL PROCESS. ONCE A CONTRACTOR IS SELECTED, THE CONTRACTOR SHALL ASSIGN A RESPONSIBLE LAND DISTURBER PRIOR TO THE PRE-CONSTRUCTION MEETING.

FIRE FLOW DATA:

WATER MODELING WAS PERFORMED ON 11/03/2023 BY WILEY WILSON FOR THE CITY OF STAUNTON.

THE FOLLOWING RESULTS WERE DETERMINED BASED ON ASSUMED CONSTRUCTION OF PROPOSED WATER LINE IMPROVEMENTS SHOWN HEREIN.

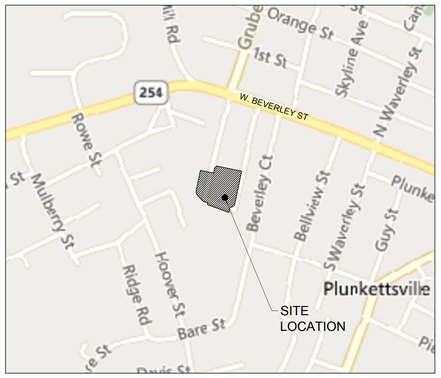
TARGET FLOW = 639 GPM @ 67 PSI RESIDUAL
84 PSI RESIDUAL AVAILABLE @ TARGET FLOW CONDITIONS; THUS TARGET FLOW EXCEEDED

CONSTRUCTION TYPE:

IIB - NON-COMBUSTIBLE CONSTRUCTION

FIRE PROTECTION:

SPRINKLED WITH AN NFPA-13 SPRINKLER SYSTEM



VICINITY MAP

SCALE: 1" = 1000'

OWNER:

CITY OF STAUNTON
116 WEST BEVERLEY STREET
STAUNTON, VA 24401
CONTACT: JOHN KEENE
TELEPHONE: (540) 332-3858
EMAIL: KEENEJS@CI.STAUNTON.VA.US

ENGINEER OF RECORD:

TIMMONS GROUP
28 IMPERIAL DRIVE
STAUNTON, VA 24401
CONTACT: JEREMY FOX, P.E.
TELEPHONE: (540) 290-0932
EMAIL: JEREMY.FOX@TIMMONS.COM

ARCHITECT OF RECORD:

MOSELEY ARCHITECTS
3200 NORFOLK STREET
RICHMOND, VA 23230
CONTACT: KATELYN GARAY, CID, IIDA
TELEPHONE: (804) 794-7555
EMAIL: KGARAY@MOSELEYARCHITECTS.COM

Sheet List Table

Sheet Number	Sheet Title
C0.0	COVER
C1.0	NOTES AND DETAILS
C1.1	NOTES AND DETAILS
C2.0	EXISTING CONDITIONS AND DEMOLITION
C3.0	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
C3.1	EROSION AND SEDIMENT CONTROL NOTES AND DETAILS
C3.2	EROSION AND SEDIMENT CONTROL - PHASE I
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C4.0	LAYOUT PLAN
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C6.0	STORMWATER NARRATIVE
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E1.0	SITE PLAN - ELECTRICAL
E1.1	SITE PLAN - LIGHTING PHOTOMETRICS
E1.2	SITE PLAN - LIGHTING PHOTOMETRICS PROP. LINE
E1.3	EXTERIOR LIGHT FIXTURE SCHEDULE
L1.0	LANDSCAPE PLAN
L2.0	LANDSCAPE NOTES AND DETAILS

TOTAL: 23 SHEETS

SIGNATURE PANEL:

	APPROVAL	DATE
ZONING ADMINISTRATOR'S AGENT	_____	

MOSELEY ARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-9680
MOSELEYARCHITECTS.COM

TIMMONS GROUP
ENGINEERING | DESIGN | TECHNOLOGY

COMMONWEALTH OF VIRGINIA
JEREMY L. FOX
Lic. No. 60786
02/ 21/ 2024
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 603874
DATE: DECEMBER 4, 2023

REVISIONS

DATE	DESCRIPTION
01/22/24	PER CITY COMMENTS
02/13/24	PER CITY COMMENTS
02/21/24	PER CITY COMMENTS

COVER

C0.0

8/16/2023 11:57:00 AM

GENERAL NOTES:

UTILITIES

1. ANY DAMAGE TO EXISTING UTILITIES CAUSED BY CONTRACTOR OR ITS SUBCONTRACTORS SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY AND REPAIRED AT CONTRACTOR'S EXPENSE.
2. THE CONTRACT DOCUMENTS DO NOT GUARANTEE THE EXISTENCE, NON-EXISTENCE OR LOCATION OF UTILITIES. CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OR THE NON-EXISTENCE OF UTILITIES. AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION, CONTRACTOR SHALL NOTIFY MISS UTILITY (1-800-552-7001) AND/OR THE RESPECTIVE UTILITY COMPANIES FOR GAS, WATER, SEWER, POWER, PHONE AND CABLE. CONTRACTOR SHALL TIMELY ARRANGE TO HAVE THE VARIOUS UTILITIES LOCATED, AND TO HAVE THEM REMOVED OR RELOCATED, OR TO DETERMINE THE METHOD OF PROTECTION ACCEPTABLE TO THE RESPECTIVE OWNER, IF THE METHOD OF PROTECTION IS NOT OTHERWISE SPECIFIED. CONTRACTOR SHALL CONDUCT ITS WORK IN THE VICINITY OF EXISTING UTILITIES IN ACCORDANCE WITH THE RESPECTIVE UTILITY'S RULES AND REGULATIONS. ANY COST INCURRED FOR REMOVING, RELOCATING OR PROTECTING UTILITIES SHALL BE BORNE BY CONTRACTOR UNLESS INDICATED OTHERWISE. CONTRACTOR SHALL EXCAVATE TO LOCATE BURIED UTILITIES FAR ENOUGH IN ADVANCE OF ITS WORK TO ALLOW FOR HORIZONTAL AND /OR VERTICAL ADJUSTMENTS TO ITS WORK AND/OR THE UTILITIES. NO ADJUSTMENT IN COMPENSATION OR SCHEDULE WILL BE ALLOWED FOR DELAYS RESULTING FROM CONTRACTOR'S FAILURE TO CONTACT AND COORDINATE WITH UTILITIES.
3. WHEN THE WORK CROSSES EXISTING UTILITIES, THE EXISTING UTILITIES SHALL BE ADEQUATELY SUPPORTED AND PROTECTED FROM DAMAGE DUE TO THE WORK. ALL METHODS FOR SUPPORTING AND MAINTAINING THE EXISTING UTILITIES SHALL BE APPROVED BY THE RESPECTIVE UTILITY COMPANY AND/OR THE ENGINEER. CONTRACTOR SHALL EXERCISE CARE TO INSURE THAT THE GRADE AND ALIGNMENT OF EXISTING UTILITIES ARE MAINTAINED AND THAT NO JOINTS OR CONNECTIONS ARE DISPLACED. BACKFILL SHALL BE CAREFULLY PLACED AND COMPACTED TO PREVENT FUTURE DAMAGE OR SETTLEMENT TO EXISTING UTILITIES. ANY UTILITIES REMOVED AS PART OF THE WORK, AND NOT INDICATED TO BE REMOVED OR ABANDONED, SHALL BE RESTORED USING MATERIALS AND INSTALLATION EQUAL TO THE UTILITY'S STANDARDS.
4. CONTRACTOR SHALL NOTIFY PROPERTY OWNERS, TENANTS, THE CITY OF STAUNTON, AND THE ENGINEER PRIOR TO THE INTERRUPTION OF ANY SERVICES. SERVICE INTERRUPTIONS SHALL BE KEPT TO A MINIMUM.
5. ALL RECTANGULAR WATER METER BOXES LOCATED IN SIDEWALKS SHALL BE REPLACED WITH ROUND ONES. THE ADJUSTMENT OF ALL MANHOLE TOPS, WATER VALVE BOXES, GAS VALVE BOXES AND WATER METER BOXES SHALL BE THE RESPONSIBILITY OF CONTRACTOR.
6. ALL WATER METER, VALVES AND FIRE HYDRANT ADJUSTMENTS/RELOCATIONS SHALL BE PERFORMED BY THE CONTRACTOR PER THE CITY OF STAUNTON INSPECTOR'S REQUIREMENTS.
7. ALL UTILITIES MUST BE UNDERGROUND.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SEWER WORK SHOWN ON THE PLANS.
9. PUBLIC INFRASTRUCTURE IMPROVEMENTS SHALL BE INSPECTED BY THE CITY OF STAUNTON. ALL UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF STAUNTON DESIGN AND CONSTRUCTION STANDARD DRAWINGS AND DETAILS. LATEST REVISIONS ARE AVAILABLE ON CITY WEBSITE.
10. CONTRACTOR SHALL NOTIFY THE CITY OF STAUNTON DEPARTMENT OF PUBLIC WORKS CITY ENGINEER'S OFFICE AT (540) 332-3858 A MINIMUM OF 48 HOURS PRIOR TO THE FOLLOWING CONSTRUCTION INTERVALS TO COORDINATE, ARRANGE, AND SCHEDULE FOR INSPECTIONS AND TAPS:
    i. PRIOR TO PROPOSED TAPPING OF WATER MAINS;
    ii. PRIOR TO BACKFILLING PUBLIC WATER AND SEWER LINES AND APPURTENANCES;
    iii. PRIOR TO CONSTRUCTION SUBSTANTIAL COMPLETION.
11. CONTRACTOR SHALL CONTACT THE CITY OF STAUNTON DEPARTMENT OF PUBLIC WORKS UTILITIES DIVISION AT (540) 332-3892 A MINIMUM OF 48 HOURS PRIOR TO ANY NEED FOR ANY SHUT-OFF OF WATER OR SANITARY SEWER SERVICE TO EXISTING CUSTOMERS OR SYSTEM MAINS.
12. CONTRACTOR SHALL PERFORM ALL WATER LINE AND APPURTENANCE WORK SHOWN ON THE PLANS WITH THE EXCEPTION THAT THE CITY WILL CONDUCT THE ACTUAL WATER TAP TO THE 6-INCH MAIN USING MATERIALS PROVIDED BY THE CONTRACTOR (TAPPING SLEEVE AND VALVE) THAT ARE COMPATIBLE WITH THE CITY'S TAPPING MACHINE. TO ACCOMPLISH THE TAP, THE CONTRACTOR SHALL NOTIFY THE CITY PUBLIC WORKS DEPARTMENT AT (540) 332-3892 A MINIMUM OF 48 HOURS PRIOR TO THE WORK AND SHALL FULLY EXPOSE THE WATER MAIN FOR TAPPING.
13. ALL UTILITIES (WATER AND SEWER) MORE THAN 5 FEET FROM THE BUILDING SHALL BE PUBLIC AND ALL APPROVAL TESTING AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF PUBLIC WORKS.
14. WATER LINE INSTALLATION SHALL BE DONE IN ACCORDANCE WITH THE CURRENT CITY OF STAUNTON STANDARD DETAILS.
15. FIRE HYDRANT SHALL BE INSTALLED SUCH THAT FINAL GRADE IS 18" TO 22" BELOW THE NOZZLE CENTERLINE (AT THE 'BURY LINE" ON THE BARREL BELOW THE FLANGE.) CONTRACTOR TO ENSURE PROPER HEIGHT FIRE HYDRANTS ARE ORDERED AND/OR HEIGHT EXTENSION KITS USED AS NEEDED, AT THEIR EXPENSE."
16. CONTRACTOR SHALL EXCAVATE, FULLY EXPOSE, AND PREPARE THE WATER MAIN FOR TAPPING. THE CITY WILL CONDUCT THE ACTUAL TAP AND WILL INSTALL THE TAPPING SLEEVE AND VALVE, WHICH SHALL BE SUPPLIED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMAINDER OF CONSTRUCTION OF THE WATER LINES FROM THE TAPPING SLEEVE AND VALVE, INCLUDING ALL PIPE FITTINGS, VALVES, AND APPURTENANCES, MAINS, SERVICES, AND FIRE HYDRANTS, ALSO INCLUDING ALL BACKFILL, COMPACTION, AND SURFACE RESTORATION.

EROSION CONTROL & WORK AREA PROTECTION AND MAINTENANCE

1. ALL FENCES REQUIRED TO BE REMOVED OR DISTURBED BY CONSTRUCTION SHALL BE SALVAGED, STORED, PROTECTED AND RE-INSTALLED BY CONTRACTOR. IF SUCH FENCE MATERIAL CANNOT BE REUSED DUE TO DAMAGE CAUSED BY CONTRACTOR, CONTRACTOR SHALL INSTALL NEW FENCE OF THE SAME TYPE OF MATERIAL. TEMPORARY FENCING REQUIRED BY PRIVATE PROPERTY OWNERS SHALL BE PROVIDED BY CONTRACTOR. CONTRACTOR IS ADVISED TO CONTACT PROPERTY OWNERS AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF REMOVING ANY FENCE IN ORDER TO COORDINATE RELOCATION AND/OR PROTECTION OF ANY ANIMALS, AND TO ESTABLISH AND CONFIRM WITH THE OWNER THE PRE-CONSTRUCTION CONDITION OF ANY FENCE TO BE REMOVED, DISTURBED OR REPLACED.
2. CONTRACTOR SHALL OBTAIN A PERMIT TO WORK IN PUBLIC RIGHT-OF-WAY. CONTRACTOR IS PERMITTED TO WORK IN TEMPORARY OR PERMANENT EASEMENTS OBTAINED BY OWNER. NOTIFY PROPERTY OWNER(S) FORTY-EIGHT (48) HOURS PRIOR TO WORKING ON ANY PRIVATE PROPERTY TO COORDINATE ACCESS.
3. CONTRACTOR SHALL, AT HIS EXPENSE, MAINTAIN THE WORK SITE IN A CLEAN AND ORDERLY APPEARANCE AT ALL TIMES. ALL DEBRIS AND SURPLUS MATERIAL COLLECTED SHALL BE DISPOSED OF OFF THE WORK SITE BY CONTRACTOR, AT HIS EXPENSE.
4. EXISTING LAWNS, TREES, SHRUBS, FENCES, UTILITIES, CULVERTS, WALLS, WALKS, DRIVEWAYS, POLES, SIGNS, RIGHT-OF-WAY MONUMENTS, MAILBOXES AND THE LIKE SHALL BE PROTECTED FROM DAMAGE DURING THE WORK. ANY DAMAGE CAUSED TO SUCH ITEMS SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST. PROPERTY PINS DISTURBED BY CONTRACTOR THAT ARE NOT SHOWN ON THE PLANS TO BE DISTURBED SHALL BE RESTORED BY A LICENSED SURVEYOR AT CONTRACTOR'S EXPENSE.
5. CONTRACTOR SHALL EMPLOY EROSION CONTROL DEVICES AND METHODS AS REQUIRED TO MEET THE REQUIREMENTS AND INTENT OF THE CITY OF STAUNTON EROSION CONTROL ORDINANCE. CONTRACTOR SHALL PROVIDE THE NECESSARY DIVERSION DITCHES, DIKES OR TEMPORARY CULVERTS REQUIRED TO PREVENT MUD AND DEBRIS FROM BEING WASHED ONTO THE STREETS OR PROPERTY. CONTRACTOR'S VEHICLES SHALL BE KEPT CLEAN TO PREVENT MUD OR DUST FROM BEING DEPOSITED ON STREETS. NO AREA SHALL BE LEFT DENUDED FOR MORE THAN SEVEN (7) CALENDAR DAYS.
6. CONTRACTOR SHALL CLEAN UP, RESTORE, PERMANENTLY SEED AND MAINTAIN ALL DISTURBED AREAS IMMEDIATELY UPON COMPLETION OF WORK ON EACH SITE. TOPSOIL, SEED, FERTILIZER AND MULCH SHALL BE PLACED IN ACCORDANCE WITH CITY OF STAUNTON STANDARDS ON ALL DISTURBED AREAS. A PERMANENT STAND OF GRASS ADEQUATE TO PREVENT EROSION SHALL BE ESTABLISHED PRIOR TO FINAL ACCEPTANCE.
7. AS DETERMINED BY THE ENGINEER, ANY DEFECTIVE, FAULTY, CRACKED, BROKEN OR GRAFFITIED SIDEWALKS, DRIVEWAYS, HANDICAP RAMPS OR CURB & GUTTER SHALL BE REMOVED AND REPLACED PRIOR TO FINAL ACCEPTANCE. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH WORK.

EARTHWORK AND SITE CONDITIONS

1. EXCEPT AS OTHERWISE SHOWN ON THE PLANS, ALL CUTS AND FILLS SHALL MATCH EXISTING SLOPES OR BE NO GREATER THAN 2:1.
2. NO NEW SIDEWALK SHALL EXCEED 2.0% CROSS-SLOPE (PERPENDICULAR TO THE DIRECTION OF PEDESTRIAN TRAFFIC).
3. ALL GRADING AND IMPROVEMENTS TO BE CONFINED TO THE PROJECT AREA UNLESS OTHERWISE INDICATED.
4. ALL MATERIALS AND INSTALLATION DETAILS SHALL CONFORM TO THE CITY OF STAUNTON ENGINEERING DIVISION STANDARDS AND ALL OTHER APPLICABLE CITY OF STAUNTON ORDINANCES.
5. ANY UNUSUAL OR UNANTICIPATED SUBSURFACE CONDITIONS SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER.
6. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS AND LOCATIONS PRIOR TO BEGINNING WORK, AND IMMEDIATELY NOTIFY THE ENGINEER IN THE EVENT THERE ARE ANY DISCREPANCIES BETWEEN SUCH CONDITIONS AND THOSE SHOWN ON THE PLANS AND SPECIFICATIONS.

CONCRETE AND ASPHALT

1. ALL FORMS SHALL BE INSPECTED BY THE ENGINEERING INSPECTOR BEFORE ANY CONCRETE IS PLACED. THE ENGINEER INSPECTOR MAY REQUIRE CONTRACTOR, AT NO ADDITIONAL COST, TO REMOVE AND REPLACE CONCRETE PLACED PRIOR TO OR WITHOUT SUCH INSPECTION.
2. ALL MATERIAL INSIDE FORMS SHALL BE CLEAN AND FREE OF ALL ROCKS AND OTHER LOOSE DEBRIS. SUB-BASE MATERIAL SHALL BE COMPACTED BY MECHANICAL MEANS.
3. CONCRETE SHALL NOT BE PLACED UNLESS THE AIR TEMPERATURE IS AT LEAST 40 DEGREES FAHRENHEIT (F) IN THE SHADE AND RISING OR CONTRACTOR ADMINISTERS ADEQUATE HEATING AND/OR INSULATING METHODS TO ENSURE PROPER CURING OF CONCRETE.
4. CONCRETE SHALL NOT BE PLACED UNTIL STEEL DOWELS HAVE BEEN INSTALLED IN EXISTING CONCRETE IN ACCORDANCE WITH CITY OF STAUNTON STANDARDS.
5. 1/2" PREMOLDED EXPANSION JOINT MATERIAL SHALL BE PLACED AT A MAXIMUM OF 30' INTERVALS ON NEW SIDEWALK, CURB, CURB & GUTTER, AT EACH END OF DRIVEWAY ENTRANCES, AT EACH END OF HANDICAP RAMPS, SOME POINT ON ENTRANCE WALKS AND STEPS ADJUSTMENTS, AND ALONG BUILDINGS AND WALLS WHERE NEW CONCRETE SIDEWALKS ARE PLACED AGAINST THEM.
6. ALL EXISTING CURBS, CURB & GUTTER, SIDEWALK AND STEPS TO BE REMOVED SHALL BE TAKEN OUT TO THE NEAREST JOINT. DEMOLITION AND DISPOSAL COST TO BE INCLUDED IN OTHER UNIT BID ITEMS. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK.
7. DRIVEWAY ADJUSTMENTS ARE TO BE DONE IN GENTLE TRANSITIONS RATHER THAN ABRUPT BREAKS AT THE BACK OF WALKS. GRAVEL DRIVEWAYS ABOVE STREET GRADE SHALL BE PAVED FOR A MINIMUM DISTANCE OF 20' BEYOND THE BACK OF THE SIDEWALK OR CURB & GUTTER APRON WHERE APPLICABLE.
8. EXISTING ASPHALT PAVEMENT SHALL BE SAW CUT AND REMOVED AS PER THE SPECIFICATIONS. REMOVAL SHALL BE DONE IN SUCH A MANNER AS TO NOT TEAR, BULGE OR DISPLACE ADJACENT PAVEMENT. EDGES SHALL BE CLEAN AND VERTICAL, ALL CUTS SHALL BE PARALLEL OR PERPENDICULAR TO THE DIRECTION OF TRAFFIC.
9. DISPOSAL OF ALL EXCESS MATERIAL IS THE RESPONSIBILITY OF CONTRACTOR.
10. FULL STONE BACKFILL (COMPACTED 21A'S) REQUIRED FOR WORK UNDER CITY STREETS.

GENERAL NOTES

1. ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT VIRGINIA DEPARTMENT OF TRANSPORTATION'S SPECIFICATIONS AND STANDARDS.
2. PRIOR TO ANY CONSTRUCTION, THE CONTRACTOR SHALL CONSULT THE ENGINEER AND VERIFY THE APPROVAL OF THE PLANS BY ALL FEDERAL, STATE AND LOCAL AGENCIES.
3. THE CONTRACTOR SHALL VERIFY THE ELEVATIONS OF ALL POINTS OF CONNECTION OR PROPOSED WORK TO EXISTING CURBS, SANITARY LINES, WATERLINES, ETC, PRIOR TO CONSTRUCTION.
4. UPON DISCOVERY OF SOILS THAT ARE UNSUITABLE FOR FOUNDATIONS, SUBGRADES, OR OTHER ROADWAY CONSTRUCTION PURPOSES, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE OWNER. THESE AREAS SHALL BE EXCAVATED BELOW PLAN GRADE AS DIRECTED BY THE OWNER, BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED IN ACCORDANCE WITH CURRENT STANDARDS.
5. ALL CONCRETE SHALL BE A3-AE (AIR ENTRAINED 3,000 PSI), UNLESS OTHERWISE NOTED.
6. DESIGN CHANGES, SPECIFIED MATERIALS CHANGES AND/OR FIELD CHANGES FROM THE APPROVED PLANS NEED TO BE RESUBMITTED TO THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. A LETTER OF EXPLANATION SHALL ACCOMPANY THE REVISED PLANS AND/OR THE DRAINAGE CALCULATIONS, WHICH MUST BE SUBMITTED AND APPROVED BY THE ENGINEER.
7. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES SHOWN ON PLANS IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON PLAN. IF THERE APPEARS TO BE A CONFLICT, AND/OR UPON DISCOVERY OF ANY UTILITY NOT SHOWN ON THIS PLAN, CALL MISS UTILITY OF CENTRAL VIRGINIA AT 1-800-552-7001.
8. THE INSTALLATION OF SEWER, WATER, AND GAS MAINS (INCLUDING SERVICE LATERALS AND SLEEVES) SHALL BE COMPLETED PRIOR TO THE PLACEMENT OF AGGREGATE BASE COURSE.
9. A PRIME COAT SEAL BETWEEN THE AGGREGATE BASE AND BITUMINOUS CONCRETE WILL BE REQUIRED AT THE RATE OF 0.30 GALLONS PER SQUARE YARD (REC-250 PRIME COAT) PER CITY OF STAUNTON STANDARDS AND SPECIFICATIONS.
10. THE SCHEDULING OF AGGREGATE BASE INSTALLATION AND SUBSEQUENT PAVING ACTIVITIES SHALL ACCOMMODATE FORECAST WEATHER CONDITIONS PER SECTION 315 OF THE ROAD AND BRIDGE SPECIFICATIONS.
11. THE OWNERS REPRESENTATIVE SHALL HAVE APPROVED THE AGGREGATE BASE COURSE(S) FOR DEPTH, TEMPLATE AND PERFORMED THE REQUIRED FIELD INSPECTION (PROOF ROLL) PRIOR TO PLACEMENT OF ANY SURFACE COURSE(S). CONTACT THE OWNER FOR INSPECTION FOR THE AGGREGATE BASE COURSE(S) 48 HOURS PRIOR TO APPLICATION OF THE SURFACE COURSE(S).
12. ALL VEGETATION AND ORGANIC MATERIAL MATERIAL IS TO BE REMOVED FROM THE PROPOSED PAVEMENT LIMITS PRIOR TO CONDITIONING OF THE SUBGRADE.
13. CERTIFICATION AND SOURCE OF MATERIALS ARE TO BE SUBMITTED TO THE OWNER FOR ALL MATERIALS AND BE IN ACCORDANCE WITH THE ROAD AND BRIDGE SPECIFICATIONS, AND ROAD AND BRIDGE STANDARDS.
14. CONTRACTOR SHALL PROVIDE A SEQUENCE OF CONSTRUCTION/MAINTENANCE OF TRAFFIC PLAN IN ACCORDANCE WITH THE STANDARDS AND GUIDELINES CONTAINED IN THE 2011 EDITION OF THE VIRGINIA WORK AREA PROTECTION MANUEL FOR REVIEW BY THE ENGINEER, OWNER AND THE CITY OF STAUNTON PRIOR TO STARTING WORK THAT IMPACTS TRAFFIC ON PUBLIC ROADS.
15. ALL NEW HANDICAPPED ACCESSIBLE REQUIREMENTS ON-SITE AND WITHIN ALL NEW STRUCTURES SHALL COMPLY WITH THE 2006 UNIFORM STATEWIDE BUILDING CODE, 2006 VIRGINIA CONSTRUCTION CODE, AND ICC/ANSI A117.1-03.
16. HORIZONTAL AND VERTICAL SIGHT DISTANCES SHALL BE FREE OF PARKED VEHICLES.
17. ALL PEDESTRIAN IMPROVEMENTS SHALL MEET PROWAG AND ADA STANDARDS.

DRAINAGE

1. CONTRACTOR SHALL EXERCISE CARE, ESPECIALLY AT INTERSECTIONS AND GUTTER LINES, TO PROVIDE POSITIVE DRAINAGE. ANY AREAS WHERE WATER IS IMPOUNDED SHALL BE CORRECTED BY CONTRACTOR AT NO ADDITIONAL COST. POSITIVE DRAINAGE OF ALL ROADWAY AREAS TO THE STORM DRAIN INLETS OR OTHER ACCEPTABLE DRAINAGE CHANNELS AS NOTED ON THE PLANS IS REQUIRED.
2. CONTRACTOR SHALL MAINTAIN EXISTING STREAMS, DITCHES, DRAINAGE STRUCTURES, CULVERTS AND FLOWS AT ALL TIMES DURING THE WORK. CONTRACTOR SHALL PAY FOR ALL PERSONAL INJURY AND PROPERTY DAMAGE WHICH MAY OCCUR AS A RESULT OF FAILING TO MAINTAIN ADEQUATE DRAINAGE.
3. ALL PIPES, DI'S AND OTHER STRUCTURES SHALL BE INSPECTED BY THE ENGINEERING INSPECTOR BEFORE BEING BACKFILLED OR BURIED. THE ENGINEERING INSPECTOR MAY REQUIRE CONTRACTOR, AT NO ADDITIONAL COST, TO UNCOVER AND RE-COVER SUCH STRUCTURES IF THEY HAVE BEEN BACKFILLED OR BURIED WITHOUT SUCH INSPECTION.
4. REMOVED PIPE SHALL BE THE PROPERTY OF CONTRACTOR AND IF NOT SALVAGED FOR RE-USE, SHALL BE DISPOSED OF LAWFULLY.
5. ALL STORM SEWER PIPE AND DROP INLETS SHALL BE CLEARED OF DEBRIS AND ERODED MATERIAL PRIOR TO FINAL ACCEPTANCE.
6. ALL STORM SEWER PIPE JOINTS SHALL BE SEATED AND SEALED IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
7. ALL EXISTING ROOF DRAINS AND OTHER DRAINAGE CONDUIT TIED INTO EXISTING PIPE SHALL BE TIED INTO NEW PIPE. ALL EXISTING ROOF DRAINS AND OTHER DRAINAGE CONDUIT BLOCKED OR DISRUPTED FROM THEIR PRE-CONSTRUCTION DRAINAGE PATTERNS SHALL BE SHORTENED, EXTENDED OR OTHERWISE CONNECTED TO THE NEW WORK USING MATERIALS APPROVED BY THE ENGINEERING INSPECTOR, AND IN SUCH A WAY THAT THE NEW DRAINAGE PATTERNS ARE ACCEPTABLE TO ENGINEER.

VEGETATION

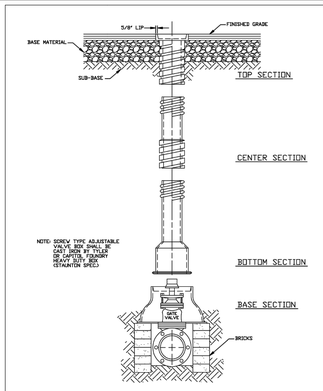
1. PRIOR TO REMOVING ANY VEGETATION, CONTRACTOR SHALL MEET WITH THE PROPERTY OWNERS AND THE ENGINEER TO REVIEW THE LIMITS OF CONSTRUCTION AND OBTAIN PERMISSION TO REMOVE VEGETATION REQUIRED TO DO THE WORK.
2. TREE AND PLANT ROOTS OR BRANCHES THAT MAY INTERFERE WITH THE WORK SHALL BE TRIMMED OR CUT ONLY WITH THE APPROVAL OF THE OWNER AND ENGINEER. ANY TREES OR PLANTS WHICH ARE SHOWN TO REMAIN THAT DO NOT INTERFERE WITH THE WORK, BUT ARE DAMAGED BY CONTRACTOR OR HIS SUBCONTRACTORS, SHALL BE REPAIRED OR REPLACED BY CONTRACTOR AT NO ADDITIONAL COST.

TRAFFIC AND SIGNAGE

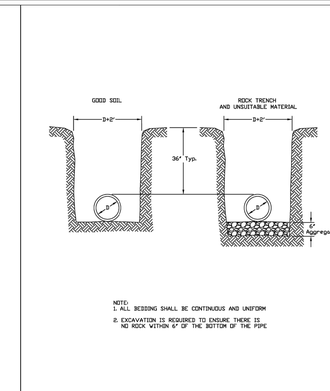
1. ALL TEMPORARY NO PARKING REQUIREMENTS SHALL BE PROVIDED BY CONTRACTOR WITH APPROVAL OF THE TRAFFIC ENGINEER.
2. CONTRACTOR SHALL PROVIDE NECESSARY REFLECTORS, BARRICADES, TRAFFIC CONTROL DEVICES AND/OR FLAG PERSONS TO INSURE THE SAFETY OF ITS WORKERS AND THE PUBLIC.
3. CONTRACTOR SHALL MAINTAIN SAFE AND PASSABLE PUBLIC ACCESS TO PROPERTIES AND THE PUBLIC RIGHT-OF-WAY DURING CONSTRUCTION. EXCEPT AS APPROVED IN ADVANCE IN WRITING BY THE ENGINEER, TWO WAY TRAFFIC SHALL BE MAINTAINED AT ALL TIMES THROUGH WORK AREAS WITHIN THE PUBLIC RIGHT-OF-WAY. THESE TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT MUTCD MANUAL. ACCESS FOR EMERGENCY VEHICLES SHALL BE MAINTAINED AT ALL TIMES.
4. EXCEPT AS OTHERWISE AUTHORIZED IN WRITING BY THE ENGINEER, THE WORK SHALL BE COORDINATED AND PERFORMED IN A MANNER SO THAT ALL EXISTING FIRE HYDRANTS SHALL BE ACCESSIBLE AT ALL TIMES DURING THE WORK.
5. CONTRACTOR SHALL NOTIFY PROPERTY OWNER(S) TWELVE (12) HOURS IN ADVANCE OF BLOCKING ANY ENTRANCE. NO ENTRANCE SHALL BE BLOCKED FOR MORE THAN TWELVE (12) HOURS IN ANY 24 HOUR PERIOD WITHOUT APPROVAL OF THE PROPERTY OWNER, EXCEPT WHERE NEW ENTRANCES ARE CONSTRUCTED.
6. WITHIN 24 HOURS OF THEIR REMOVAL, CONTRACTOR SHALL REPLACE MAILBOXES, STREET SIGNS, TRAFFIC SIGNS, AND THE LIKE THAT ARE REMOVED FOR CONSTRUCTION. PERMANENT OR SUITABLE TEMPORARY ITEMS WILL BE USED AS THE STATUS OF WORK PERMITS. PERMANENT OR TEMPORARY STOP SIGNS MUST BE IN PLACE AT ALL TIMES.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CITY OF STAUNTON, PUBLIC WORKS, TRAFFIC DIVISION ONE FULL WORKING DAY PRIOR TO ANY CONCRETE POUR WHERE TRAFFIC AND STREET SIGNS ARE TO BE REPLACED.
8. A TRAFFIC MAINTENANCE PLAN IS REQUIRED TO BE SUBMITTED TO AND APPROVED BY PUBLIC WORKS PRIOR TO ANY CONSTRUCTION ACTIVITY AFFECTING TRAFFIC.

MISCELLANEOUS

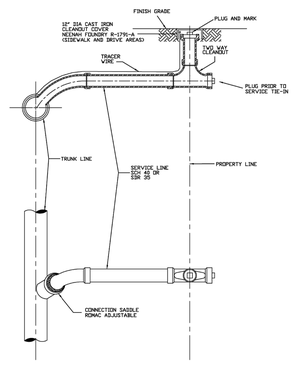
1. AN EXCAVATION PERMIT MUST BE OBTAINED FROM PUBLIC WORKS AND A LETTER OF CREDIT FOR THE AMOUNT OF $2,500.00 MUST BE SUBMITTED TO PUBLIC WORKS PRIOR TO EXCAVATION IN CITY RIGHT-OF-WAY. PUBLIC WORKS TELEPHONE NUMBER IS 540-332-3892.
2. RETAINING WALLS WITH A MAX HEIGHT OF 12" OR LESS SHALL BE POURED IN CONTINUITY WITH THE SIDEWALK. WALLS WITH A MAX HEIGHT GREATER THAN 12" SHALL BE SEGMENTAL BLOCK WALLS.
3. ALL SIGNS TO BE RELOCATED SHALL BE LOCATED WITHIN 6 INCHES BEHIND THE BACK EDGE OF THE SIDEWALK.
4. SHOP DRAWINGS OF ALL MATERIALS THAT ARE PROPOSED TO BE INSTALLED AS PART OF PUBLIC INFRASTRUCTURE MUST BE APPROVED PRIOR TO ORDERING. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO CITY ENGINEER'S OFFICE VIA EMAIL FOR REVIEW AND APPROVAL.



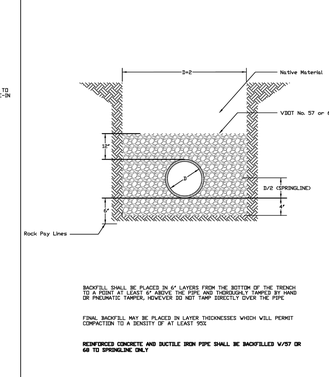
CITY OF STAUNTON, VA	SCREW - TYPE ADJUSTABLE VALVE BOX	Draw No. W-11



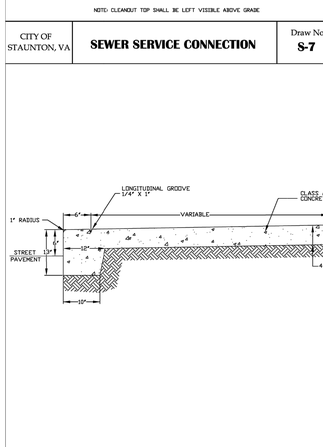
CITY OF STAUNTON, VA	WATER PIPE INSTALLATION	Draw No. W-12



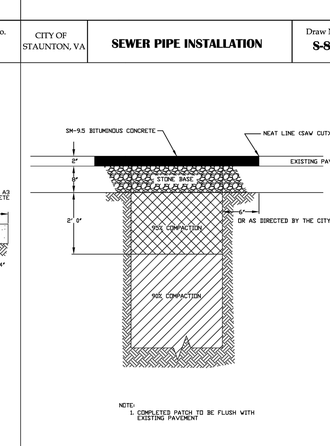
CITY OF STAUNTON, VA	SEWER SERVICE CONNECTION	Draw No. S-7



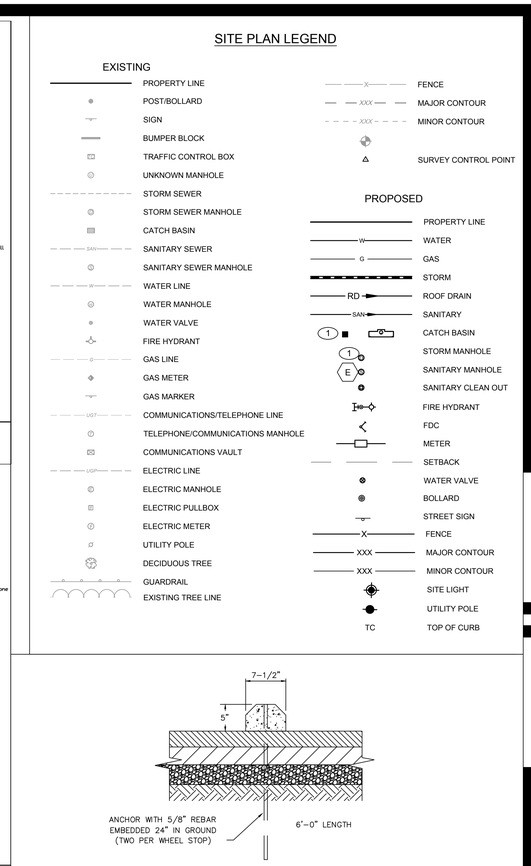
CITY OF STAUNTON, VA	SEWER PIPE INSTALLATION	Draw No. S-8



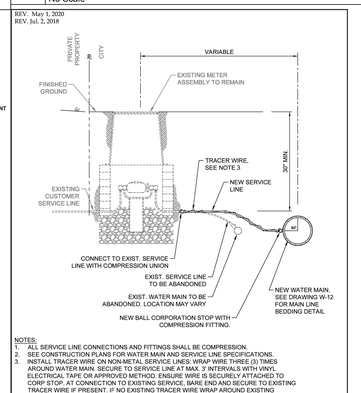
CITY OF STAUNTON, VA	MONOLITHIC CONCRETE WALK	Draw No. M-1



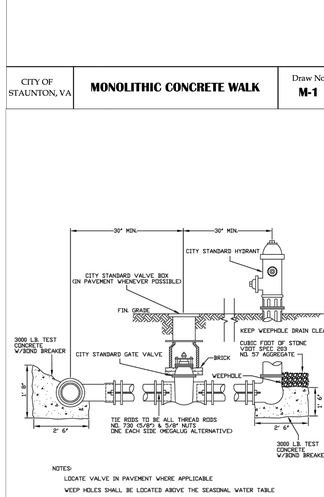
CITY OF STAUNTON, VA	STANDARD PATCH FOR ASPHALT PAVEMENT	Draw No. M-5

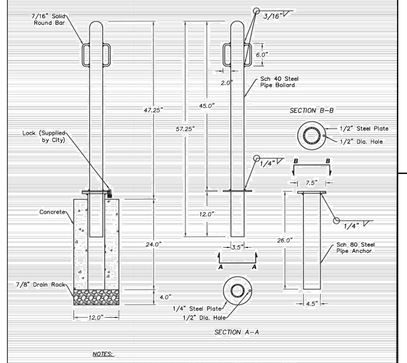


PRECAST WHEELSTOP DETAIL
No Scale



CITY OF STAUNTON, VIRGINIA	TYPE II-A CONNECTION RECONNECT WATER SERVICE TO EXISTING METER ASSEMBLY	DRAWING NUMBER W-8A


30" MIN.
30" MIN.
CITY STANDARD HYDRANT
CITY STANDARD VALVE BOX (IN PAVEMENT WHENEVER POSSIBLE)
FIN. GRADE
KEEP WEEPHOLE DRAIN CLEAR
CUBIC FOOT OF STONE VDOT SPEC #23 NO. 57 AGGREGATE
3000 LB. TEST CONCRETE W/BEND BREAKER
CITY STANDARD GATE VALVE
BRIC

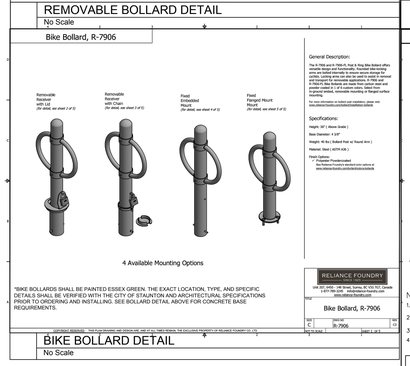


NOTES:

1. ALL STEEL SURFACES SHALL BE BRUSH PAINTED WITH HAMMERITE GLOSS BLACK.

REMOVABLE BOLLARD DETAIL

No Scale



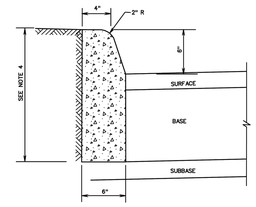
BIKE BOLLARD DETAIL

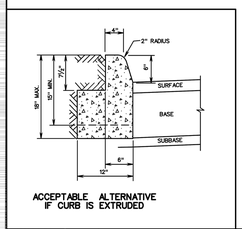
No Scale

CG-2

NOTES:

1. THIS ITEM MAY BE PRECAST OR CAST IN PLACE.
2. CONCRETE TO BE CLASS A3 IF CAST IN PLACE, 4000 PSI IF PRECAST.
3. CURB HAVING A RADIUS OF 300 FEET OR LESS ALONG THE LINE OF CURB WILL BE PAID FOR AS RADIAL CURB.
4. THE DEPTH OF CURB MAY BE REDUCED AS MUCH AS 3" (12" DEPTH OR INCREASED AS MUCH AS 3" (21" DEPTH IN ORDER THAT THE BOTTOM OF CURB WILL COINCIDE WITH THE TOP OF A COURSE OF THE PAVEMENT SUBSTRUCTURE. OTHERWISE, THE CURB SHALL BE 15" AS SHOWN. ADJUSTMENT IN WIDTH SHALL NOT BE MADE FOR A DECREASE OR AN INCREASE IN DEPTH.
5. CG-2 IS TO BE USED ON ROADWAYS MEETING THE CRITERIA FOR CURB AND GUTTER AS APPROVED A DEPT. OF TRANSPORT. ROAD DESIGN MANUAL, IN THE SECTION ON GS URBAN STANDARDS.

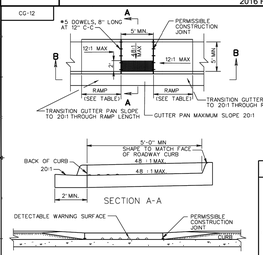


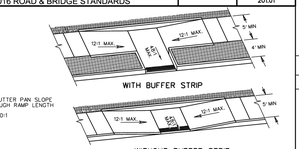


ACCEPTABLE ALTERNATIVE IF CURB IS EXTRUDED

SPECIFICATION REFERENCE	STANDARD 6" CURB	VDOT ROAD AND BRIDGE STANDARDS
105 502	VIRGINIA DEPARTMENT OF TRANSPORTATION 2016 ROAD & BRIDGE STANDARDS	REVISION DATE: SHEET 1 OF 1 201.01

CG-12

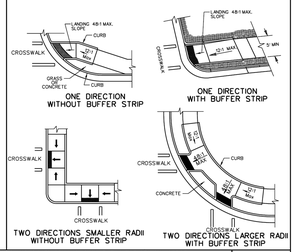




NOTES:

1. FOR GENERAL NOTES ON THE DETECTABLE WARNING SURFACE, SEE SHEET 1 OF 5.
2. THE REQUIRED LENGTH OF A PARALLEL RAMP IS LIMITED TO 15 FEET, REGARDLESS OF THE SLOPE.
3. GUTTER PAN SHALL BE A MAXIMUM SLOPE OF 20:1 AT THE RAMP OPENING.
4. DIAGONAL PLACEMENT IS NOT PERMITTED.

EXAMPLE INSTALLATION METHODS - SEE PLANS FOR LAYOUT

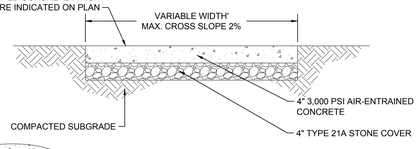


TYPE B PARALLEL APPLICATION

ROADWAY GRADE IN PERCENT	MINIMUM RAMP LENGTH IN FEET	
	4" CURB	6" CURB
0	4	5
1	5	7
2	5	8
3	6	9
4	8	12
5	10	15
6	14	15

VDOT ROAD AND BRIDGE STANDARDS	A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.	SPECIFICATION REFERENCE
SHEET 3 OF 5 / REVISION DATE: 04/19	CG-12 DETECTABLE WARNING SURFACE TYPE B (PARALLEL) APPLICATION VIRGINIA DEPARTMENT OF TRANSPORTATION	105 502 504
204.03	2016 ROAD & BRIDGE STANDARDS	

NON-SLIP BROOM FINISH (TYP.) EXCEPT WHERE STAMPED CONCRETE FINISH WHERE INDICATED ON PLAN



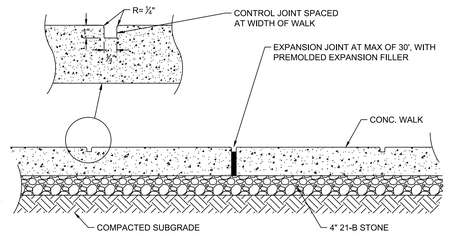
DENOTES CONCRETE SIDEWALK PAVEMENT ON PLANS (BROOM FINISH)

DENOTES CONCRETE PAVEMENT ON PLANS (STAMPED FINISH)

NOTE: SIDEWALKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH VDOT STANDARDS.

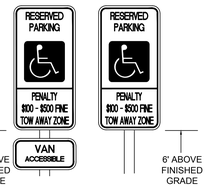
CONCRETE SIDEWALK PAVEMENT SECTION

No Scale



CONCRETE SIDEWALK JOINT DETAIL

No Scale

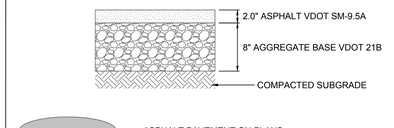


SPACES SHALL BE IDENTIFIED BY ABOVE GRADE SIGNS AS RESERVED FOR PHYSICALLY DISABLED PERSONS. PROVIDE ONE (1) R-7-8 SIGN AT EACH PARKING SPACE INDICATED ON SITE PLAN. SIGN SHALL BE ALUMINUM (PAINTED WHITE) WITH GREEN LETTERS AND INTERNATIONAL WHEELCHAIR SYMBOL. SIGN SHALL BE PLACED ON STEEL POST 1-1/2" O PAINTED BLACK SET IN MIN. 2' OF CONCRETE.

VA. SIGN FOR THE DISABLED ON 0.80 GAUGE ALUMINUM. COLORS: GREEN BORDER & LEGEND, BLUE SYMBOL FOR ACCESSIBILITY, WHITE BACKGROUND.

ADA PARKING SIGNS

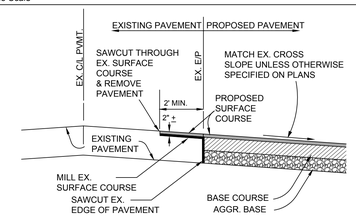
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ASPHALT PAVEMENT ON PLANS

ASPHALT PAVEMENT SECTION

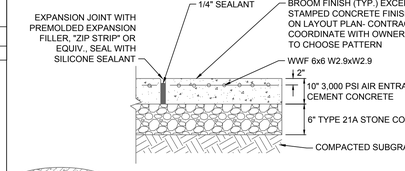
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NOTE: PROPOSED PAVEMENT MUST TIE IN WITH EXISTING PAVEMENT

PAVEMENT REPLACEMENT JOINT DETAIL

No Scale

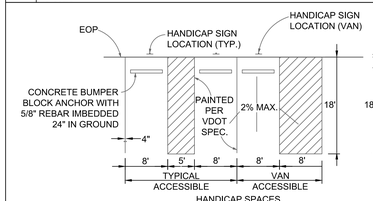


DENOTES CONCRETE SERVICE AREA PAVEMENT ON PLANS (BROOM FINISH)

DENOTES CONCRETE SERVICE AREA PAVEMENT ON PLANS (STAMPED FINISH)

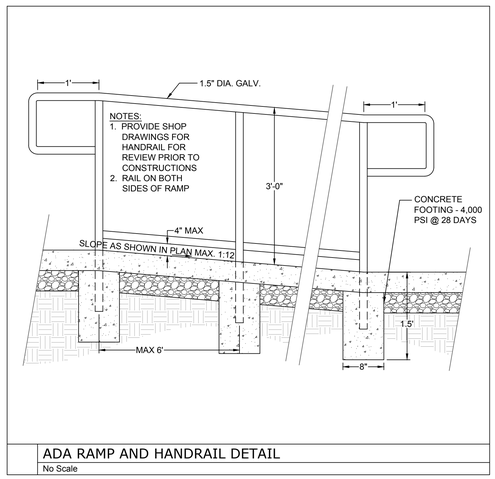
HEAVY DUTY CONCRETE SECTION

No Scale



TYPICAL PARKING SPACE DETAILS

No Scale

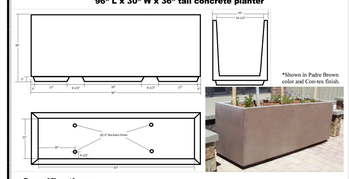


ADA RAMP AND HANDRAIL DETAIL

No Scale

DAWN ENTERPRISES
OUR PRODUCTS. YOUR SPACE.

Specification Sheet
Model #: PC96x30x36REC
96" L x 30" W x 36" tall concrete planter

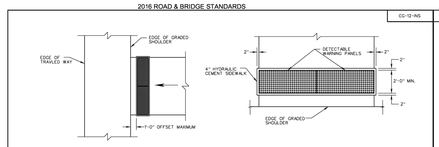


Specifications:

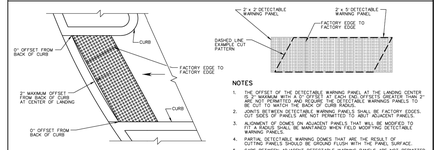
- **Dimensions:** 96" L x 30" W x 36" tall with 3" tall x 3" deep toe kick at base.
- **Weight:** 3600lbs
- **Materials:** 3/8" steel rebar, Type III Portland cement conforming to ASTM C150. All aggregate conforming to ASTM C33. All Steel Rebar conforming to ASTM – A 615. Due to the natural air entraining properties of Portland Type III cement, additional air entraining agents are not required. Air void content naturally occurring in a Type III Portland Cement mixture conforms to ASTM C457.
- **Stress Load:** Minimum 5000 PSI at 28 days
- **Color & Finish Options:** Please reference standard color/finish sheet.
- **Warranty:** One year warranty against manufacturer's defects.

800-262-3296 275 Progress Drive, Suite B, Manchester, CT 06042 www.godawn.com

2016 ROAD & BRIDGE STANDARDS — CG-12-INS



TYPICAL INSTALLATION FOR SHARED-USE PATH WITH SHOULDER



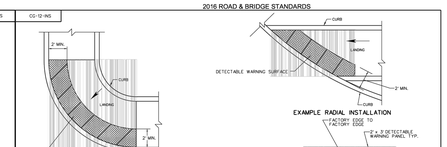
NOTES

1. THE OFFSET OF THE DETECTABLE WARNING PANEL AT THE LANDING CENTER SHALL BE A MINIMUM OF 0" AND A MAXIMUM OF 7" FROM THE BACK OF CURB. SKEW IS NOT PERMITTED AND REQUIRE THE DETECTABLE WARNINGS PANELS TO BE CUT TO MATCH THE SKEW OF CURB RADIUS.
2. JOINTS BETWEEN DETECTABLE WARNING PANELS SHALL BE FACTORY EDGES. CUT SIZES OF PANELS ARE NOT PERMITTED TO ABUT ADJACENT PANELS.
3. ALIGNMENT OF DOMES ON ADJACENT PANELS THAT WILL BE MODIFIED TO FIT A RADIUS SHALL BE MAINTAINED WHEN FIELD MODIFYING DETECTABLE WARNING PANELS.
4. PARTIAL DETECTABLE WARNING DOMES THAT ARE THE RESULT OF CUTTING PANELS SHOULD BE GROUND FLUSH WITH THE PANEL SURFACE.
5. GAPS BETWEEN ADJACENT DETECTABLE WARNING PANELS ARE NOT PERMITTED.
6. SEE PLANS FOR CROSSWALK MARKINGS, TURNING AREAS, ROUTE WIDTHS, GRADE CHANGES, AND RAMP CONFIGURATIONS.

TYPICAL INSTALLATION ON RADIUS (SIDEWALKS OR SHARED USE PATHS)

SPECIFICATION REFERENCE	A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.	VDOT ROAD AND BRIDGE STANDARDS	
105 502 524	CG-12 DETECTABLE WARNING SURFACE DETECTABLE WARNING INSTALLATION VIRGINIA DEPARTMENT OF TRANSPORTATION	REVISION DATE: NEW 04/19	SHEET 1 OF 2: 204.08
	2016 ROAD & BRIDGE STANDARDS		

2016 ROAD & BRIDGE STANDARDS — CG-12-INS



NOTES

1. LOCATIONS WHERE THE DETECTABLE WARNING CANNOT BE INSTALLED WITH A MINIMUM 2" OFFSET FROM THE BACK OF CURB SHALL HAVE A RADIUS TO MATCH RADIUS OF THE CURB.DETECTABLE WARNING PANELS SHALL HAVE A MINIMUM RADIUS OF 6'-0" AND A MAXIMUM RADIUS OF 15'-0" UNLESS OTHERWISE AS RECOMMENDED BY THE MANUFACTURER TO MATCH THE BACK OF CURB.
2. JOINTS BETWEEN DETECTABLE WARNING PANELS SHALL BE FACTORY EDGES. CUT SIZES OF PANELS ARE NOT PERMITTED TO ABUT ADJACENT PANELS.
3. ALIGNMENT OF DOMES ON ADJACENT PANELS THAT WILL BE MODIFIED TO FIT A RADIUS SHALL BE MAINTAINED WHEN FIELD MODIFYING DETECTABLE WARNING PANELS.
4. DETECTABLE WARNING PANEL SIZES SHOWN ARE FOR EXAMPLE PURPOSES. OTHER PANEL SIZES MAY BE USED IN ORDER TO MAINTAIN CONSISTENT ALIGNMENT OF THE DOMES FOR EACH CURB RAMP LOCATION.
5. BLENDED TRANSITION CURB RAMPS ARE FOR ALTERATION SITUATIONS WHERE STANDARD DIRECTIONAL CURB RAMPS ARE NOT FEASIBLE DUE TO SITE CONSTRAINTS. BLENDED TRANSITION CURB RAMPS ARE NOT PERMITTED FOR NEW CONSTRUCTION.
6. PARTIAL DETECTABLE WARNING DOMES THAT ARE THE RESULT OF CUTTING PANELS SHOULD BE GROUND FLUSH WITH THE PANEL SURFACE.
7. GAPS BETWEEN ADJACENT DETECTABLE WARNING PANELS ARE NOT PERMITTED.
8. SEE PLANS FOR CROSSWALK MARKINGS, TURNING AREAS, ROUTE WIDTHS, GRADE CHANGES, AND RAMP CONFIGURATIONS.

VDOT ROAD AND BRIDGE STANDARDS	A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.	SPECIFICATION REFERENCE
SHEET 2 OF 2 / REVISION DATE: 204.07 / NEW 04/19	CG-12 DETECTABLE WARNING SURFACE METHOD OF INSTALLING DETECTABLE WARNINGS ON A RADIUS VIRGINIA DEPARTMENT OF TRANSPORTATION	105 502 524
	2016 ROAD & BRIDGE STANDARDS	

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-9680
MOSELEYARCHITECTS.COM

TIMMONS GROUP
ENGINEERING | DESIGN | TECHNOLOGY

COMMONWEALTH OF VIRGINIA
JEREMY L. FOX
Lic. No. 60786
02/21/2024
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 603874
DATE: DECEMBER 4, 2023

REVISIONS

DATE	DESCRIPTION
01/22/24	PER CITY COMMENTS
02/13/24	PER CITY COMMENTS
02/21/24	PER CITY COMMENTS

NOTES AND DETAILS

C1.1

8/16/2023 11:57:00 AM

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO.	603874
DATE:	DECEMBER 4, 2023

DATE	REVISION DESCRIPTION
01/22/24	PER CITY COMMENTS
02/13/24	PER CITY COMMENTS
02/21/24	PER CITY COMMENTS

EXISTING CONDITIONS AND DEMOLITION

C2.0

MOSELEYARCHITECTS

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COMMONWEALTH OF VIRGINIA
JEREMY L. FOX
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PROFESSIONAL ENGINEER
02/21/2024

TIMMONS GROUP
ENGINEERING | DESIGN | TECHNOLOGY

LEGEND

- ASPHALT MILL/OVERLAY
- BUILDING TO BE DEMOLISHED BY SEPARATE CONTRACT

CONTRACTOR TO COORDINATE WITH CITY OF STAUNTON IN AREAS WHERE FULL DEPTH REMOVAL IS NEEDED.

SCALE 1"=30'

0 30' 60'

1-STORY BRICK/MASONRY BLDG. TO BE DEMOLISHED

PID 3432
CITY OF STAUNTON, VIRGINIA
INST. 230001874
CITY OF STAUNTON)
10.295 ACRES
(AS SURVEYED)

1-STORY BRICK/MASONRY "BLDG. TO BE DEMOLISHED UNDER SEPARATE CONTRACT WITH STAUNTON CITY"

CONTRACTOR TO REMOVE WATERLINE IN ACCORDANCE WITH CITY OF STAUNTON STANDARD AND CONSTRUCTION STANDARD 109.2.2

APPROXIMATE LOCATION OF U/G UTILITIES TO BE DETERMINED BY SUE INVESTIGATION, CONTRACTOR TO FIELD VERIFY LOCATION FROM EOI TO EOI

STRIPING TO BE REMOVED

PORTION OF C&G AND SIDEWALK TO BE REMOVED AND REPLACED AS SHOWN ON GRADING PLAN

PORTION OF CURB TO BE REMOVED, SEALED AND PLUGGED

FIRE DEPT. CONNECTION

ADDITIONAL PARCELS (CITY GIS)

WEST BEVERLEY STREET
ROUTE 254
(VARIABLE WIDTH R/W)

CHESTNUT STREET
(30' R/W)

SHADED ZONE X

ZONE AE

ZONE X

ZONE SW

EROSION AND SEDIMENT CONTROL NARRATIVE

A. MINIMUM STANDARDS

EACH OF THE 19 MINIMUM STANDARDS LISTED ON THESE PLANS MUST BE SATISFIED THROUGHOUT AND FOLLOWING CONSTRUCTION. THERE IS NO INTENT TO REQUEST VARIANCES FROM THE MINIMUM STANDARDS. THE EROSION AND SEDIMENT CONTROL AND STORMWATER MANAGEMENT MEASURES SHOWN ON THESE PLANS ARE DESIGNED TO DEMONSTRATE GENERAL COMPLIANCE WITH THE STANDARDS. HOWEVER, THE CONTRACTOR MAY NEED TO ADD ADDITIONAL MEASURES AS CONSTRUCTION PROGRESSES AND CONDITIONS IN THE FIELD CHANGE TO MAINTAIN COMPLIANCE WITH THE MINIMUM STANDARDS. THE CONTRACTOR'S REGULAR INSPECTIONS SHALL UTILIZE THE MINIMUM STANDARDS AS A BASIS FOR DETERMINING IF ADDITIONAL MEASURES NEED TO BE IMPLEMENTED.

B. PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE CONSTRUCTION OF A TWO-STORY JUVENILE COURTS BUILDING, PARKING, AND ASSOCAITED SITE WORK WITHIN THE LOT TO SERVE THE CITY OF STAUNTON. THE LIMITS OF DISTURBANCE FOR THE PROJECT IS 6.56 ACRES.

C. EXISTING SITE CONDITIONS

D. THE EXISTING SITE CONTAINS A LARGE ABANDONED BUILDING AND PARKING LOT LOCATED OFF OF WEST BEVERLEY STREET IN THE CITY OF STAUNTON.

E. SOIL DESCRIPTION

SOIL DATA WAS PULLED FROM THE USDA NATURAL RESOURCES CONSERVATION SERVICE (NRCS) WEBSITE AND IS SUMMARIZED BELOW. NO GEOTECHNICAL REPORT IS AVAILABLE AT THIS TIME.

- 541C3 - FREDERICK-CHRISTIAN-URBAN LAND COMPLEX, 15 TO 25 PERCENT SLOPES, SEVERELY ERODED. HYDROLOGIC SOIL GROUP B. (0.4% OF SITE, SOUTHEAST CORNER)
- 579B - TIMBERVILLE-URBAN LAND COMPLEX, 0 TO 7 PERCENT SLOPES. HYDROLOGIC SOIL GROUP B. (99.6% OF SITE)

E. CRITICAL AREAS

THERE ARE NO KNOWN CRITICAL AREAS WITHIN THE LIMITS OF DISTURBANCE FOR THE SITE. SILT FENCE AND FILTER SOCKS SHALL BE INSTALLED TO AVOID ANY SEDIMENT LADEN WATER INFILTRATION TO THE EXISTING STORM SYSTEM.

F. CONSTRUCTION SCHEDULE

a. THE CONTRACTOR SHALL CONTACT THE CITY OF STAUNTON TO SET UP A PRE-CONSTRUCTION MEETING. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL APPLICABLE PERMITS ARE IN PLACE PRIOR TO STARTING CONSTRUCTION. ALL ITEMS OF WORK NECESSARY TO COMPLETE THIS PROJECT SHALL BE IN COMPLIANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES.

b. PRIOR TO ANY LAND DISTURBING ACTIVITY, CONTRACTOR SHALL PROVIDE THE NAME, CERTIFICATION INFORMATION, AND CONTACT INFORMATION OF THE DESIGNATED RESPONSIBLE LAND DISTURBER (RLD) TO THE CITY OF STAUNTON.

c. PHASE 1 - INITIAL EROSIONS AND SEDIMENT CONTROL (ESC) MEASURES AND GRADING - PRIOR TO STARTING CONSTRUCTION OR EARTHWORK ACTIVITIES, INITIAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED AND MADE OPERATIONAL AS SHOWN ON THE PLANS.

i. INSTALL CONSTRUCTION ENTRANCES AND INLET PROTECTION AS SHOWN ON THE PLANS. DISTURB THE MINIMUM AREA NEEDED TO INSTALL ENTRANCES.

ii. INSTALL PERIMETER CONTROL MEASURES INCLUDING, BUT NOT LIMITED TO, SILT FENCE, FILTER SOCKS AND ANY TRAFFIC DETOUR SIGNAGE.

iii. BEGIN CLEARING AND GRUBBING OF THE SITE AS NECESSARY. TOPSOIL (IF ANY) SHOULD BE STOCKPILED AND SAVED FOR USE DURING FINAL SITE GRADING. CLEARING AND GRUBBING ACTIVITIES SHOULD BE PERFORMED AS NEEDED FOR THE NEXT CONSTRUCTION ACTIVITY TO COMMENCE.

vi. ALL STOCKPILES (IF ANY) SHALL BE SURROUNDED BY SILT FENCE AND SEEDED IN COMPLIANCE WITH MS-2.

vii. BEGIN INITIAL GRADING OF THE SITE. ALL EXCAVATED MATERIAL AND DEBRIS SHALL BE STOCKPILED OR DISPOSED OF IN A LAWFUL MANNER. THE CITY OF STAUNTON IS TO BE NOTIFIED PRIOR TO ANY HAULING TO OR FROM AN OFFSITE BORROW OR WASTE AREA.

viii. THROUGHOUT CONSTRUCTION ACTIVITIES, UTILIZE DUST CONTROL MEASURES ACCORDING TO VESCH STD. & SPEC. 3.39. ALL MATERIAL OR DEBRIS TRACKED ONTO A ROAD SURFACE SHALL BE CLEANED THOROUGHLY PERIODICALLY THROUGHOUT EVERY DAY. SEDIMENT SHALL BE REMOVED FROM ROADS BY SHOVELING OR SWEEPING AND BE TRANSPORTED TO A SEDIMENT-CONTROLLED DISPOSAL AREA.

xi. APPLY TEMPORARY SEEDING AND MULCHING AS NECESSARY.

d. PHASE 2 - FINAL STABILIZATION

i. MAINTAIN ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES. EROSION AND SEDIMENTATION CONTROLS SHALL BE MAINTAINED UNTIL SUCH A TIME AS A VEGETATIVE COVER IS ESTABLISHED. THE EXISTING SEDIMENT TRAP SHALL BE LEFT IN PLACE THROUGHOUT CONSTRUCTION UNTIL REMOVAL OR FILLING IS REQUIRED TO EXECUTE FINAL SITE GRADING. .

ii. INSTALL ANY ADDITIONAL MEASURES SHOWN ON THE PLANS AND AS DEEMED NECESSARY THROUGH INSPECTIONS BY THE RLD, COUNTY, OR ENGINEER.

iii. BEGIN UTILITY INSTALLATION. PILE MATERIAL ON UPHILL SIDE OF TRENCHES.

iv. USE APPROPRIATE DUST CONTROL MEASURES FOR DISTURBED AREAS AS WELL AS TEMPORARY SEEDING AND STRAW MULCHING AS NECESSARY.

v. FINALIZE GRADING ACTIVITIES. APPLY PERMANENT SEEDING, TOPSOIL, AND BLANKET MATTING TO ALL DISTURBED AREAS AS THEY REACH FINISHED GRADE.

vi. FINALIZE ROAD SURFACE AND ASSOCIATED CONCRETE WORK ONSITE.

vii. APPLY PERMANENT SEEDING, TOPSOIL, AND BLANKET MATTING TO ALL REMAINING DISTURBED AREAS.

e. ONCE THE SITE WORK IS COMPLETELY FINALIZED AND ALL STABILIZATION MEASURES ARE IN PLACE, NOTIFY THE INSPECTORS FOR A FINAL INSPECTION. ONCE APPROVAL IS ACQUIRED FROM THE INSPECTOR AND ALL UPSTREAM AREAS HAVE ESTABLISHED VEGETATION, ALL REMAINING EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS.

f. REMOVE ALL EQUIPMENT, CONSTRUCTION MATERIALS AND DEBRIS FROM THE SITE.

G. PERMANENT AND TEMPORARY STABILIZATION

FOR AREAS EXPOSED DURING CONSTRUCTION, APPLY TEMPORARY SEEDING AND STRAW MULCHING IN ACCORDANCE WITH MINIMUM STANDARD 1. SEEDING SHALL BE IN ACCORDANCE WITH STD. & SPEC. 3.31, TEMPORARY SEEDING.

FOR ALL AREAS OUTSIDE OF THE IMPERVIOUS SURFACE WHICH HAVE REACHED FINAL GRADE, STABILIZE WITH PERMANENT SEEDING IMMEDIATELY FOLLOWING FINISHED GRADING OPERATIONS. SEEDING SHALL BE IN ACCORDANCE WITH STD. & SPEC. 3.32, PERMANENT SEEDING. SEED TYPE SHALL BE AS SPECIFIED FOR "MINIMUM CARE LAWNS" AND "GENERAL SLOPES" IN THE HANDBOOK FOR SLOPES LESS THAN 3:1. FOR SLOPES GREATER THAN 3:1, SEED TYPE SHALL BE AS SPECIFIED FOR "LOW MAINTENANCE SLOPES" IN TABLE 3.32-D OF THE HANDBOOK. IN ALL SEEDING OPERATIONS SEED, FERTILIZER AND LIME SHALL BE APPLIED PRIOR TO MULCHING OR BLANKET MATTING IN ACCORDANCE WITH SITE SPECIFIC SOIL TEST RESULTS. FOR THIS PROJECT, BLANKET MATTING SHALL BE APPLIED TO ALL DISTURBED AREAS GIVEN THE LIMITS CONSIST OF STEEP SLOPE AND CHANNELS.

H. MAINTENANCE SCHEDULE

ALL EROSION AND SEDIMENT CONTROL SYSTEMS SHALL BE MAINTAINED, INSPECTED, AND REPAIRED AS NEEDED AND IN ACCORDANCE WITH THE VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK (VECSH) TO INSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. SELF-INSPECTIONS SHALL TAKE PLACE BY THE CONTRACTOR'S RESPONSIBLE LAND DISTURBER (RLD), WHO'S INFORMATION SHALL BE PROVIDED TO THE COUNTY PRIOR TO ANY LAND DISTURBANCE. ANY NECESSARY REPAIRS TO EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PERFORMED IMMEDIATELY. REMOVAL OF SEDIMENT FROM SEDIMENT-CATCHING MEASURES MUST BE PERFORMED WHEN CAPACITY OF THOSE MEASURES IS REDUCED BY 50%. ALL REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.

AN INSPECTION SHALL BE MADE:

- DURING OR IMMEDIATELY FOLLOWING INITIAL INSTALLATION OF EROSION AND SEDIMENT CONTROLS,
- AT LEAST WEEKLY AND AFTER EVERY RUNOFF PRODUCING RAIN EVENT,
- IN ACCORDANCE WITH THE VSMP CONSTRUCTION GENERAL PERMIT, AND
- AT THE COMPLETION OF THE PROJECT PRIOR TO THE RELEASE OF ANY PERFORMANCE BONDS.

IN PARTICULAR, THE FOLLOWING ITEMS SHALL BE CHECKED.

a. THE TEMPORARY CONSTRUCTION ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR THE WASHING AND REWORKING OF EXISTING STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS PILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY. THE USE OF WATER TRUCKS TO REMOVE SEDIMENT FROM ROADWAYS WILL NOT BE PERMITTED UNDER ANY CIRCUMSTANCES.

b. SILT FENCE SHALL BE MONITORED FOR DAMAGE RESULTING FROM END RUNS AND UNDERCUTTING. IF THE FABRIC DECOMPOSES OR BECOMES INEFFECTIVE, IT SHALL BE REPLACED IMMEDIATELY. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT BUT MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED, AND SEEDED.

c. INLET PROTECTION SHALL BE CHECKED TO ENSURE FLOWS ARE NOT BYPASSING THE FILTERS. FILTERING MEASURE SHALL BE REPLACED OR CLEANED WHEN INSPECTION REVEALS THAT CLOGGED VOIDS ARE CAUSING PONDING PROBLEMS OR RESULTING IN SEDIMENT ENTERING THE PIPE.

d. ALL AREAS OF RECEIVING SEED SHALL BE MONITORED AND MAINTAINED TO ENSURE A HEALTHY STAND OF GRASS IS ESTABLISHED AND SUSTAINED.

e. SOIL STABILIZATION BLANKETS AND MATTING SHOULD BE INSPECTED PERIODICALLY TO CHECK FOR EROSION AND UNDERMINING. ANY DISLOCATION OR FAILURE SHOULD BE REPAIRED IMMEDIATELY. IF WASHOUTS OR BREAKAGE OCCURS, RE-INSTALL THE MATERIAL AFTER REPAIRING DAMAGE TO THE SLOPE OR DITCH.

f. FILTER SOCKS SHALL BE INSPECTED AND REPARIED/CLEANED AFTER STORM EVENTS.

I. SOIL STOCKPILES

SOIL STOCKPILES MAY BE ESTABLISHED AS NEEDED WITHIN THE LIMITS OF DISTURBANCE. THIS AREA MAY BE UTILIZED FOR STOCKPILING TOPSOIL DURING CONSTRUCTION AND / OR STOCKPILING EXCESS SUITABLE FILL MATERIALS GENERATED FROM CONSTRUCTION ACTIVITIES. EXCESS SUITABLE FILL MATERIALS WILL BE KEPT ON THE PROPERTY FOR USE DURING FUTURE PHASES OF THE DEVELOPMENT. ALL STOCKPILES SHALL BE STABILIZED WITH SEEDING AND MULCH, SHALL BE SURROUNDED BY SILT FENCE, AND SHALL HAVE DIVERSION DIKES AROUND THE UPHILL SIDE TO DIVERT UPSTREAM WATER AROUND THE STOCKPILE.

J. OFF-SITE BORROW AND WASTE LOCATIONS

THE PROJECT IS ANTICIPATED TO HAVE A POTENTIAL NEED FOR SUITABLE FILL MATERIAL FOR USE ON THE SITE. IF ADDITIONAL FILL OR TOPSOIL MATERIAL IS REQUIRED TO BE IMPORTED FROM AN AREA OUTSIDE THE LIMITS OF DISTURBANCE, IT MUST BE TAKEN TO OR COME FROM A LOCATION WITH AN APPROVED EROSION AND SEDIMENT CONTROL PLANS, A LAND DISTURBING PERMIT, AND A VSMP PERMIT. THE LOCATION MUST BE IDENTIFIED, PROVIDED TO THE CITY FOR REVIEW, AND APPROVED PRIOR TO ANY MATERIAL LEAVING OR ENTERING THE SITE FROM AN OFFSITE AREA.

ALL MATERIALS RESULTING FROM DEMOLITION WORK, EXCEPT AS INDICATED OR SPECIFIED OTHERWISE, SHALL BECOME THE PROPERTY OF THE CONTRACTOR, SHALL BE REMOVED FROM THE PROPERTY, AND SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS.

K. EROSION AND SEDIMENT CONTROL MEASURES

UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE CURRENT ADDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH). THE MINIMUM STANDARDS OF THE VESCH SHALL BE ADHERED TO UNLESS OTHERWISE WAIVED OR APPROVED BY A VARIANCE BY LOCAL AUTHORITIES HAVING JURISDICTION.

STRUCTURAL PRACTICES:

a. TEMPORARY CONSTRUCTION ENTRANCE - 3.02 - A TEMPORARY CONSTRUCTION ENTRANCE SHALL BE PROVIDED AT THE LOCATION INDICATED ON THE PLANS TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PAVED PUBLIC ROADS BY MOTOR VEHICLES OR RUNOFF.

b. SILT FENCE BARRIER - 3.05 - SILT FENCE SEDIMENT BARRIERS SHALL BE INSTALLED DOWNSLOPE OF AREAS WITH MINIMAL GRADES TO FILTER SEDIMENT-LADEN RUNOFF FROM SHEET FLOW AS INDICATED TO INTERCEPT SMALL AMOUNTS OF SEDIMENT FROM DISTURBED AREAS AND PREVENT SEDIMENT FROM LEAVING THE SITE.

c. STORM DRAIN INLET PROTECTION - 3.07 - STONE FILTERS SHALL BE PLACED AT THE INLET OF ALL DRAINAGE STRUCTURES AS INDICATED ON PLANS. ITS PURPOSE IS TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAINAGE SYSTEM PRIOR TO PERMANENT STABILIZATION.

d. DUST CONTROL - 3.39 - DUST CONTROL MEASURES ARE TO BE USED THROUGHOUT THE SITE TO PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES AND REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES.

VEGETATIVE PRACTICES:

e. TOPSOIL - 3.30 - TOPSOIL SHALL BE STRIPPED FROM AREAS TO BE GRADED AND STOCKPILED FOR LATER SPREADING. STOCKPILE LOCATIONS SHALL BE LOCATED ONSITE AND SHALL BE STABILIZED WITH TEMPORARY SILT FENCE AND VEGETATION. FOLLOWING FINISHED GRADING, TOPSOIL SHALL BE APPLIED TO ALL DENUDED AREAS TO PROVIDE A SUITABLE GROWTH MEDIUM FOR FINAL SITE STABILIZATION WITH VEGETATION.

f. TEMPORARY SEEDING - 3.31 - ALL DENUDED AREAS WHICH WILL BE LEFT DORMANT FOR MORE THAN 14 DAYS SHALL BE SEEDED WITH FAST GERMINATING TEMPORARY VEGETATION IMMEDIATELY FOLLOWING GRADING OF THOSE AREAS. SELECTION OF THE SEED MIXTURE SHALL DEPEND ON THE TIME OF YEAR IT IS APPLIED.

g. PERMANENT SEEDING - 3.32 - FOLLOWING GRADING ACTIVITIES, ESTABLISH PERENNIAL VEGETATIVE COVER BY PLANTING SEED TO REDUCE EROSION AND STABILIZE DISTURBED AREAS.

h. MULCHING - 3.35 - STRAW MULCHING, OR OTHER SUITABLE MATERIAL, WILL BE INSTALLED WITH ALL TEMPORARY AND PERMANENT SEEDING TO HELP MINIMIZE EROSION AND FOSTER THE GROWTH OF VEGETATION.

SUPPLEMENTARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS REQUIRED BY THE RLD, EROSION CONTROL INSPECTOR, OR AS NECESSARY TO ADEQUATELY CONTROL EROSION AND SEDIMENT DEPOSITION. EROSION AND SEDIMENT CONTROL MEASURES MAY BE REMOVED ONLY WHEN THEY HAVE SERVED THEIR USEFUL PURPOSE BUT NOT BEFORE THE UPSTREAM/UPSLOPE AREA HAS BEEN PERMANENTLY STABILIZED.

L. STORMWATER MANAGEMENT DESCRIPTION

THE PROJECT MUST ADDRESS STORMWATER MANAGEMENT IN ACCORDANCE WITH MINIMUM STANDARD 19 AND 9VAC25-870. THE TWO MAJOR COMPONENTS OF THESE REGULATIONS ARE WATER QUANTITY AND WATER QUALITY.

WATER QUANTITY SUMMARY:

POST-DEVELOPED SITE DRAINAGE PATTERNS CLOSELY MIMIC EXISTING SITE DRAINAGE PATTERNS. SITE FLOWS ARE CAPTURED IN PROPOSED STORMWATER INLETS AND PIPES AND ARE CONVEYED TO AN EXISTING STORMWATER CONVEYANCE SYSTEM ON THE SUBJECT PROPERTY BUT OUTSIDE OF PROJECT LIMITS. THIS SYSTEM DISCHARGES INTO THE EXISTING MUNICIPAL SYSTEM ON WEST BEVERLEY STREET. SITE FLOWS TRAVEL IN THE MUNICIPAL SYSTEM IN AN EASTERLY DIRECTION AND ARE EVENTUALLY DISCHARGED INTO THE MAIN CITY TRUNKLINE IN AN 84" PIPE. SITE FLOWS AND VOLUMES ARE REDUCED FOR ALL DESIGN STORMS THROUGH AN OVERALL REDUCTION IN IMPERVIOUS AREA AND ADDITION OF PERVIOUS COVER THROUGH PLANTED AREAS AND MANAGED TURF.

WATER QUALITY SUMMARY:

BASED OFF THE THE VIRGINIA RUNOFF REDUCTION METHOD FOR REDEVELOPMENT THE SITE WILL REQUIRE A REMOVAL OF 1.94 LBS OF PHOSPHORUS BASED ON THE CHANGE IN LAND COVER IN THE REDEVELOPMENT SCENARIO.

WATER QUALITY CRITERIA FOR THIS PROJECT WILL BE ADDRESSED THROUGH THE IMPLEMENTATION OF PERMEABLE PAVERS AND AN UNDERGROUND DETENTION SYSTEM. THE TARGET PHOSPHOROUS REDUCTION IS EXCEEDED BY 0.11 LB/YEAR. THE VRRM REDEVELOPMENT SPREADSHEET IS PROVIDED WITH THE SWM SHEETS.

M. PERMANENT STORMWATER BMP MAINTENANCE RESPONSIBILITY

IT SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN ALL DESIGNED MEASURES ONSITE. THESE MEASURES WILL FALL UNDER THE STORMWATER MANAGEMENT MAINTENANCE AGREEMENT WITH THE CITY OF STAUNTON.

MINIMUM STANDARDS:

AN EROSION AND SEDIMENT CONTROL PROGRAM ADOPTED BY A DISTRICT OR LOCALITY MUST BE CONSISTENT WITH THE FOLLOWING CRITERIA, TECHNIQUES AND METHODS:

MS-1. PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 14 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT DORMANT FOR MORE THAN ONE YEAR.

MS-2. DURING CONSTRUCTION OF THE PROJECT, SOIL STOCKPILES AND BORROW AREAS SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS BORROW AREAS AND SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE. IT IS NOT ANTICIPATED THAT SOIL STOCKPILES OR BORROW AREAS WILL BE REQUIRED FOR THIS PROJECT.

MS-3. A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED. PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL INHIBIT EROSION.

MS-4. SEDIMENT TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND-DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE TAKES PLACE.

MS-5. STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.

MS-6. SEDIMENT TRAPS SHALL BE DESIGNED AND CONSTRUCTED BASED UPON THE TOTAL DRAINAGE AREA TO BE SERVED BY THE TRAP. SEDIMENT TRAPS ARE NOT PROPOSED FOR THIS PROJECT.
A. THE MINIMUM STORAGE CAPACITY OF A SEDIMENT TRAP SHALL BE 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA AND THE TRAP SHALL ONLY CONTROL DRAINAGE AREAS LESS THAN THREE ACRES.

MS-7. CUT AND FILL SLOPES SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION. SLOPES THAT ARE FOUND TO BE ERODING EXCESSIVELY WITHIN ONE YEAR OF PERMANENT STABILIZATION SHALL BE PROVIDED WITH ADDITIONAL SLOPE STABILIZING MEASURES UNTIL THE PROBLEM IS CORRECTED.

MS-8. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME OR SLOPE DRAIN STRUCTURE.

MS-9. WHENEVER WATER SEEPS FROM A SLOPE FACE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHALL BE PROVIDED. IT IS NOT ANTICIPATED THAT SUBSURFACE DRAINS ARE NEEDED FOR THIS PROJECT.

MS-10. ALL STORM SEWER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.

MS-11. BEFORE NEWLY CONSTRUCTED STORMWATER CONVEYANCE CHANNELS OR PIPES ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND RECEIVING CHANNEL. THE STORM SYSTEM OUTLETS TO CITY MUNICIPAL SYSTEM SO NO OUTLET PROTECTION IS NECESSARY.

MS-12. WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION. NONERODIBLE MATERIAL SHALL BE USED FOR THE CONSTRUCTION OF CAUSEWAYS AND COFFERDAMS. EARTHEN FILL MAY BE USED FOR THESE STRUCTURES IF ARMORED BY NONERODIBLE COVER MATERIALS. THERE ARE NO STREAMS ONSITE.

MS-13. WHEN A LIVE WATERCOURSE MUST BE CROSSED BY CONSTRUCTION VEHICLES MORE THAN TWICE IN ANY SIX-MONTH PERIOD, A TEMPORARY VEHICULAR STREAM CROSSING CONSTRUCTED OF NONERODIBLE MATERIAL SHALL BE PROVIDED. THERE ARE NO STREAMS ONSITE.

MS-14. ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS PERTAINING TO WORKING IN OR CROSSING LIVE WATERCOURSES SHALL BE MET. THERE ARE NO STREAMS ONSITE.

MS-15. THE BED AND BANKS OF A WATERCOURSE SHALL BE STABILIZED IMMEDIATELY AFTER WORK IN THE WATERCOURSE IS COMPLETED. THERE ARE NO STREAMS ONSITE.

MS-16. UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
A. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
C. EFFLUENT FROM DEWATERING OPERATIONS SHALL BE FILTERED OR PASSED THROUGH AN APPROVED SEDIMENT TRAPPING DEVICE, OR BOTH, AND DISCHARGED IN A MANNER THAT DOES NOT ADVERSELY AFFECT FLOWING STREAMS OR OFF-SITE PROPERTY.
D. MATERIAL USED FOR BACKFILLING TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.
E. RESTABILIZATION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH THESE REGULATIONS.
F. APPLICABLE SAFETY REGULATIONS SHALL BE COMPLIED WITH.

MS-17. WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED OR PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY VEHICULAR TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PAVED OR PUBLIC ROAD SURFACE, THE ROAD SURFACE SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL DEVELOPMENT LOTS AS WELL AS TO LARGER LAND-DISTURBING ACTIVITIES.

MS-18. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE LOCAL PROGRAM AUTHORITY. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE DISPOSITION OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION.

MS-19. PROPERTIES AND WATERWAYS DOWNSTREAM FROM DEVELOPMENT SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION, EROSION AND DAMAGE DUE TO INCREASES IN VOLUME, VELOCITY AND PEAK FLOW RATE OF STORMWATER RUNOFF FOR THE STATED FREQUENCY STORM OF 24-HOUR DURATION IN ACCORDANCE WITH THE STANDARDS AND CRITERIA LISTED IN SECTION 19 OF VIRGINIA ADMINISTRATIVE CODE 9VAC25-840-40 MINIMUM STANDARDS.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

ES-1: UNLESS OTHERWISE INDICATED, CONSTRUCT AND MAINTAIN ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE LATEST EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.

ES-2: THE CONTROLLING EROSION AND SEDIMENT CONTROL AUTHORITY WILL MAKE A CONTINUING REVIEW AND EVALUATION OF THE METHODS AND EFFECTIVENESS OF THE EROSION CONTROL PLAN.

ES-3: PLACE ALL EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO OR AS THE FIRST STEP IN CLEARING, GRADING, OR LAND DISTURBANCE.

ES-4: MAINTAIN A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN ON THE SITE AT ALL TIMES.

ES-5: PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFFSITE BORROW OR WASTE AREA), SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE ARCHITECT/ENGINEER AND THE CONTROLLING EROSION AND SEDIMENT CONTROL AUTHORITY FOR REVIEW AND ACCEPTANCE.

ES-6: PROVIDE ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RESPONSIBLE LAND DISTURBER. (MODIFIED NOTE)

ES-7: ALL DISTURBED AREAS SHALL DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND-DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT.

ES-8: DURING DEWATERING OPERATIONS, PUMP WATER INTO AN APPROVED FILTERING DEVICE.

ES-9: INSPECT ALL EROSION CONTROL MEASURES DAILY AND AFTER EACH RUNOFF- PRODUCING RAINFALL EVENT. MAKE ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES IMMEDIATELY.

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02/21/2024
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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 603874
DATE: DECEMBER 4, 2023

REVISIONS

DATE	DESCRIPTION
01/22/24	PER CITY COMMENTS
02/13/24	PER CITY COMMENTS
02/21/24	PER CITY COMMENTS

EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

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NOTES

1. CONCRETE WASHOUT AREA(S) SHALL BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE. THE CONCRETE WASHOUT AREA SHALL BE ENTIRELY SELF-CONTAINED.

2. THE CONTRACTOR SHALL SUBMIT THE DESIGN, LOCATION AND SIZING OF THE CONCRETE WASHOUT AREA(S) WITH THE PROJECT'S EROSION AND SEDIMENTATION CONTROL PLAN AND SHALL BE APPROVED BY THE ENGINEER.

LOCATION: WASHOUT AREA(S) ARE TO BE LOCATED AT LEAST 50 FEET FROM ANY STREAM, WETLAND, STORM DRAINS, OR OTHER SENSITIVE RESOURCE. THE FLOOD CONTINGENCY PLAN MUST ADDRESS THE CONCRETE WASHOUT IF THE WASHOUT IS TO BE LOCATED WITHIN THE FLOODPLAIN.

SIZE: THE WASHOUT MUST HAVE SUFFICIENT VOLUME TO CONTAIN ALL LIQUID AND CONCRETE WASTE GENERATED BY WASHOUT OPERATIONS INCLUDING, BUT NOT LIMITED TO, OPERATIONS ASSOCIATED WITH GROUT AND MORTAR.

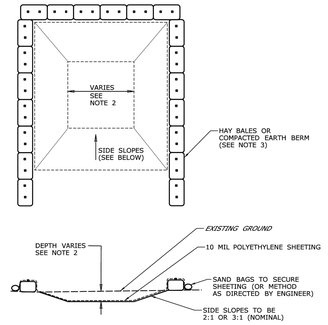
3. SURFACE DISCHARGE IS UNACCEPTABLE. THEREFORE, HAY BALES OR OTHER CONTROL MEASURES, AS APPROVED BY THE ENGINEER, SHOULD BE USED AROUND THE PERIMETER OF THE CONCRETE WASHOUT AREA FOR CONTAINMENT.

4. SIGNS SHOULD BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE CONCRETE AREA(S) AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS. WASHOUT AREA(S) SHOULD BE FLAGGED WITH SAFETY FENCING OR OTHER APPROVED METHOD.

5. WASHOUT AREA(S) ARE TO BE INSPECTED AT LEAST ONCE A WEEK FOR STRUCTURAL INTEGRITY, ADEQUATE HOLDING CAPACITY AND CHECKED FOR LEAKS, TEARS, OR OVERFLOWS. (AS REQUIRED BY THE CONSTRUCTION SITE ENVIRONMENTAL INSPECTION REPORT) WASHOUT AREA(S) SHOULD BE CHECKED AFTER HEAVY RAINS.

6. HARDENED CONCRETE WASTE SHOULD BE REMOVED AND DISPOSED OF WHEN THE WASTE HAS ACCUMULATED TO HALF OF THE CONCRETE WASHOUT'S HEIGHT. THE WASTE CAN BE STORED AT AN UPLAND LOCATION, AS APPROVED BY THE ENGINEER. ALL CONCRETE WASTE SHALL BE DISPOSED OF IN A MANNER CONSISTENT WITH ALL APPLICABLE LAWS, REGULATIONS, AND GUIDELINES.

7. PAYMENT FOR THIS ITEM IS TO BE INCLUDED UNDER THE GENERAL COST OF THE WORK FOR THE PROJECT, INCLUDING SITE RESTORATION.



CONCRETE WASHOUT AREA

NOT TO SCALE
(SEE NOTE 2)

TABLE 3.39-A

ADHESIVES USED FOR DUST CONTROL

Adhesive	Water Dilution (Adhesive: Water)	Type of Nozzle	Application Rate Gallons/Acre
Anionic Asphalt Emulsion	7:1	Coarse Spray	1,200
Latex Emulsion	12.5:1	Fine Spray	235
Resin in Water	4:1	Fine Spray	300
Acrylic Emulsion (Non-Traffic)	7:1	Coarse Spray	450
Acrylic Emulsion (Traffic)	3.5:1	Coarse Spray	350

DC

DUST CONTROL

No Scale

TABLE 3.35-A

ORGANIC MULCH MATERIALS AND APPLICATION RATES

MULCHES:	RATES: Per Acre	RATES: Per 1000 sq. ft.	NOTES:
Straw or Hay	1½ - 2 tons (Minimum 2 tons for winter cover)	70 - 90 lbs.	Free from weeds and coarse matter. Must be anchored. Spread with mulch blower or by hand.
Fiber Mulch	Minimum 1500 lbs.	35 lbs.	Do not use as mulch for winter cover or during hot, dry periods.* Apply as slurry.
Corn Stalks	4 - 6 tons	185 - 275 lbs.	Cut or shredded in 4-6" lengths. Air-dried. Do not use in fine turf areas. Apply with mulch blower or by hand.
Wood Chips	4 - 6 tons	185 - 275 lbs.	Free of coarse matter. Air-dried. Treat with 12 lbs nitrogen per ton. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.
Bark Chips or Shredded Bark	50 - 70 cu. yds.	1-2 cu. yds.	Free of coarse matter. Air-dried. Do not use in fine turf areas. Apply with mulch blower, chip handler, or by hand.

* When fiber mulch is the only available mulch during periods when straw should be used, apply at a minimum rate of 2000 lbs./ac. or 45 lbs./1000 sq. ft.

MU

MULCHING

No Scale

TABLE 3.32-C
SITE SPECIFIC SEEDING MIXTURES FOR APPALACHIAN/MOUNTAIN AREA

	TOTAL LBS. PER ACRE
MINIMUM CARE LAWN	
COMMERCIAL OR RESIDENTIAL	200-250 LBS.
KENTUCKY 31 OR TURF-TYPE TALL FESCUE	90-100%
IMPROVED PERENNIAL RYEGRASS *	0-10%
KENTUCKY BLUEGRASS	0-10%
HIGH-MAINTENANCE LAWN	
MINIMUM OF THREE (3) UP TO FIVE (5) VARIETIES OF BLUEGRASS FROM APPROVED LIST FOR USE IN VIRGINIA.	125 LBS.
GENERAL SLOPE (3:1 OR LESS)	
KENTUCKY 31 FESCUE	128 LBS.
RED TOP GRASS	2 LBS.
SEASONAL NURSE CROP **	20 LBS.
	150 LBS.
LOW-MAINTENANCE SLOPE (STEEPER THAN 3:1)	
KENTUCKY 31 FESCUE	108 LBS.
RED TOP GRASS	2 LBS.
SEASONAL NURSE CROP **	20 LBS.
CROWNVETCH ***	20 LBS.
	150 LBS.

* PERENNIAL RYEGRASS WILL GERMINATE FASTER AND AT LOWER SOIL TEMPERATURES THAN FESCUE, THEREBY PROVIDING COVER AND EROSION RESISTANCE FOR SEEDBED.

** USE SEASONAL NURSE CROP IN ACCORDANCE WITH SEEDING DATES AS STATED BELOW:
MARCH, APRIL THROUGH MAY 15TH..... ANNUAL RYE
MAY 16TH THROUGH AUGUST 15TH..... FOXTAIL MILLET
AUGUST 16TH THROUGH SEPTEMBER, OCTOBER..... ANNUAL RYE
NOVEMBER THROUGH FEBRUARY..... WINTER RYE

*** IF FLATPEA IS USED, INCREASE TO 30 LBS./ACRE. ALL LEGUME SEED MUST BE PROPERLY INOCULATED. WEEPING LOVEGRASS MAY ALSO BE INCLUDED IN ANY SLOPE OR LOW-MAINTENANCE MIXTURE DURING WARMER SEEDING PERIODS; ADD 10-20 LBS./ACRE IN MIXES.

PS

3.32

PERMANENT SEEDING MIX FOR APPALACHIAN AREA

No Scale

TABLE 3.31-B
ACCEPTABLE TEMPORARY SEEDING PLANT MATERIALS
"QUICK REFERENCE FOR ALL REGIONS"

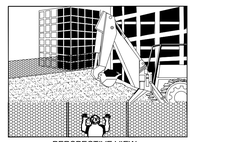
PLANTING DATES	SPECIES	RATE (LBS./ACRE)
SEPT. 1 - FEB. 15	50/50 MIX OF ANNUAL RYEGRASS (LOLIUM MULTI-FLORUM) & CEREAL (WINTER) RYE (SECALE CEREALE)	50-100
FEB. 16 - APR. 30	ANNUAL RYEGRASS (LOLIUM MULTI-FLORUM)	60-100
MAY 1 - AUG. 31	GERMAN MILLET (SETARIA ITALICA)	50

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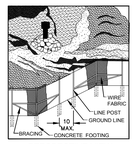
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TEMPORARY SEEDING PLANT MATERIALS

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PERSPECTIVE VIEW



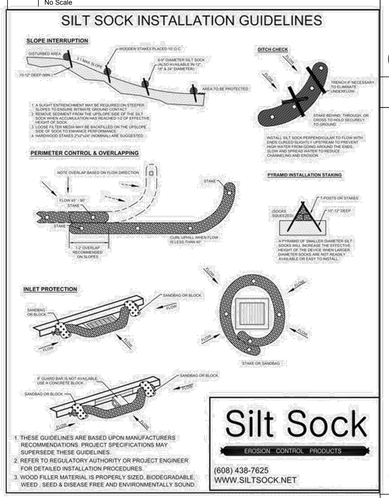
PERSPECTIVE VIEW
METAL FENCE

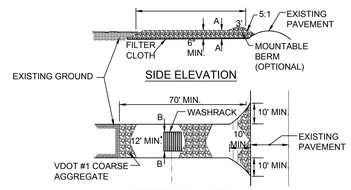
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3.10

SAFETY FENCE

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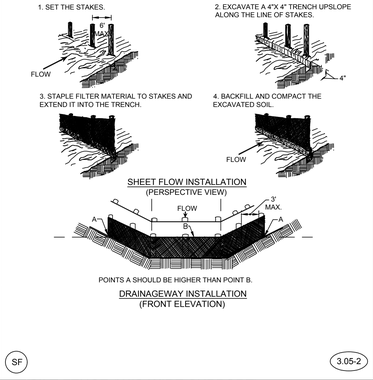


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3.02-1

STONE CONSTRUCTION ENTRANCE

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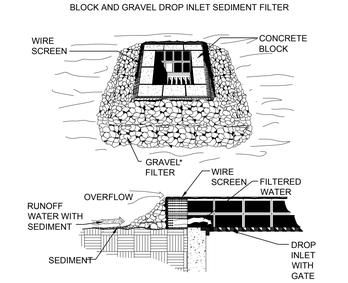


SF

3.05-2

SILT FENCE (W/O WIRE SUPPORT)

No Scale



SPECIFIC APPLICATION: THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.
* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

IP

3.07- 3

STORM DRAIN INLET PROTECTION

No Scale

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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 603874
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REVISIONS

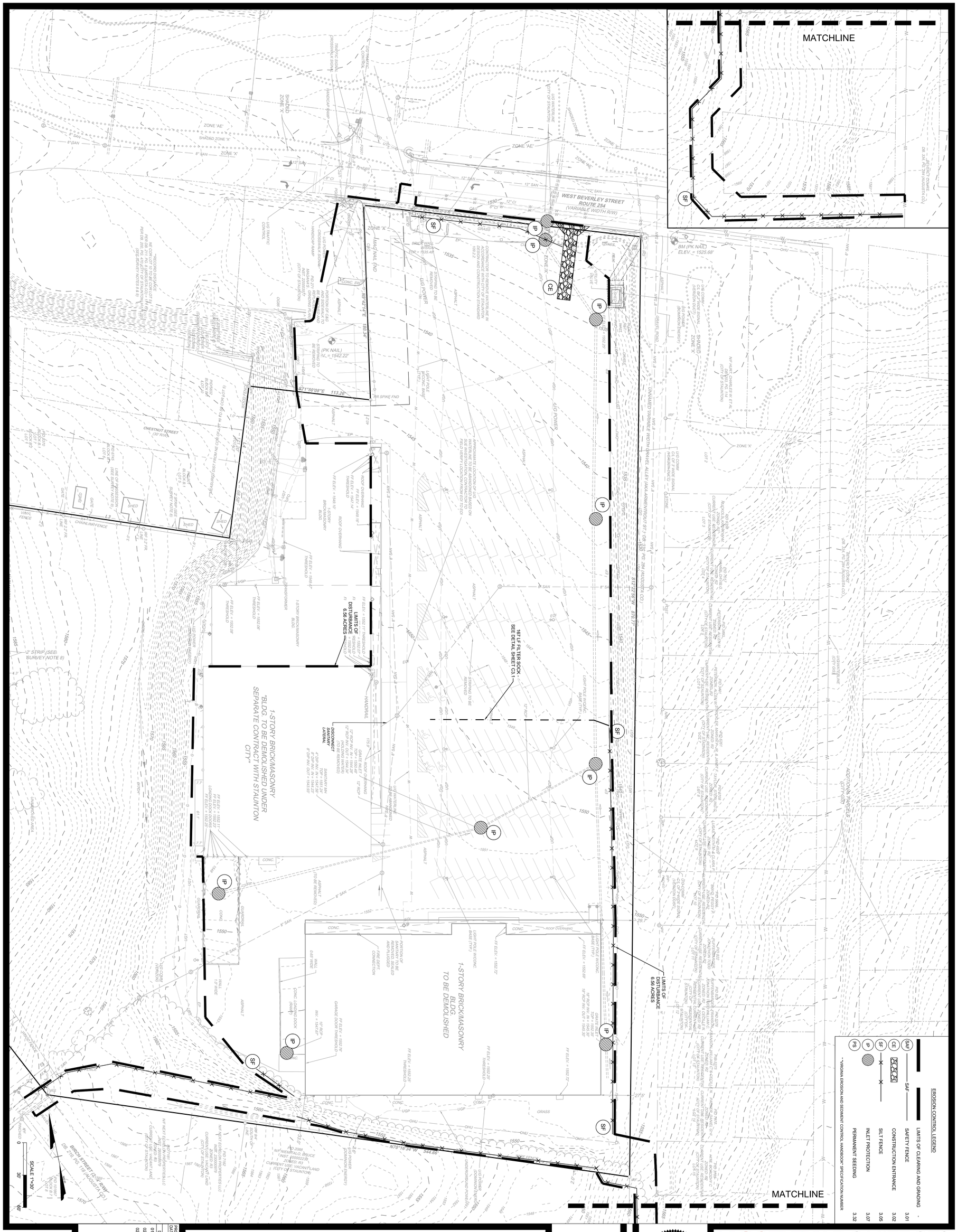
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EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

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8/16/2023 11:57:00 AM



STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

EROSION AND SEDIMENT CONTROL - PHASE I

C3.2

PROJECT NO: 2022-0
DATE: DECEMBER 4, 2023

DATE	REVISIONS DESCRIPTION
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8/16/2023 11:57:00 AM

MATCHLINE

WEST BEVERLEY STREET
ROUTE 254
(VARIABLE WIDTH R/W)

CHESTNUT STREET
(50' R/W)

BIRCH STREET (33' R/W)

NOTE: TEMPORARY CONSTRUCTION EASEMENT REQUIRED FROM OWNER OF PID 271 PRIOR TO COMMENCING WORK ON THIS PROPERTY (SEE PLAT EXHIBIT)

497 LF FILTER SOCK
SEE DETAIL SHEET C3.1

LIMITS OF DISTURBANCE 6.56 ACRES

EROSION CONTROL LEGEND

LIMITS OF CLEARING AND GRADING	-	-
SAFETY FENCE	SAF	3.01
CONSTRUCTION ENTRANCE	CE	3.02
SILT FENCE	SF	3.05
INLET PROTECTION	IP	3.07
TEMPORARY SEEDING	TS	3.31
PERMANENT SEEDING	PS	3.32
DUST CONTROL	DC	3.39

* VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK SPECIFICATION NUMBER

SCALE 1"=30'

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 0000000
DATE: DECEMBER 4, 2023

DATE	REVISIONS DESCRIPTION
01/22/24	PER CITY COMMENTS
02/13/24	PER CITY COMMENTS
02/21/24	PER CITY COMMENTS

EROSION AND SEDIMENT CONTROL - PHASE II

C3.3

COMMONWEALTH OF VIRGINIA
JEREMY L. FOX
Lic. No. 60786
02/21/2024
PROFESSIONAL ENGINEER

MOSELEY ARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-5690
MOSELEYARCHITECTS.COM

TIMMONS GROUP
ENGINEERING | DESIGN | TECHNOLOGY

LEGEND:

- CONCRETE
- HEAVY DUTY ASPHALT
- MILL AND OVERLAY
- TRAFFIC RATED STAMPED CONCRETE
- PEDESTRIAN STAMPED CONCRETE
- ASPHALT STRIPING
- GRASS AREA

ADDITIONAL PARCELS (CITY GIS)

BEVERLY COURT DB. 334, PG. 284 (AUGUSTA CO.)

ADDITIONAL PARCELS (CITY GIS)

N/F HURT, CHARLES W., ET AL DB. 203, PG. 114 (CITY OF STAUNTON)

LOT 2

PID 6358 NUCKOLS, KATHRYN M. ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 3

PID 7017 HAHNE, DAVID G. ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 4

PID 3400 PETERSON, ALLEN M. ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 5

PID 3401 PETERSON, ALLEN M. ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 6

PID 6261 STRICKLER, MARVIN P. JR., & JANET F. ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 7

PID 2708 TAYLOR, STERLING G. ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 8

PID 4929 LUCAS, KEITH M. & CLARA P. ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 9

PID 5586 BOYD, PEGGY P. ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 10

PID 822 PUFFENBARGER, JONATHON TODD ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 11

PID 823 PUFFENBARGER, JONATHON TODD ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON)

PID 5376 FRANSON, WILLIAM C. & CECILLE N. ZONED: R2 CURRENT USE: RESIDENTIAL (CITY OF STAUNTON) LOT 12

OWNER TO COORDINATE OVERHEAD POWER RELOCATION WITH POWER COMPANY TO AVOID CONFLICTS WITH PROPOSED LIGHT POLES AND TRASH RECEPTACLE.

TRANSITION TO EX. ASPHALT

END CURB

AUTHORIZED VEHICLES ONLY

LIGHT POLE (TYP.)

15' x 3' GRASS MEDIAN STRIP WITH GATE CONTROL BOX

FIRE LANE, NO PARKING (TYP.)

REMOVABLE BOLLARDS (TYP.)

BOLLARDS (TYP.)

DUMPSTER WITH TRASH ENCLOSURE

CURB CUT FOR SNOW REMOVAL

ELECTRONIC GATE

SCREENING WALL (REFER TO ARCH)

BIKE RACKS

RAISED PLANTER

TRAFFIC RATED STAMPED CONC. PLAIN

TRAFFIC RATED STAMPED CONC. COLORED TO MATCH PEDESTRIAN CONC.

PEDESTRIAN STAMPED CONC. COLORED

PROPOSED J&DR COURT BUILDING FFE: 1553.75'

BUILDING ACCESS DOOR (TYP.)

CONC. STAIRS (3) 12" TREADS (4) 7" RISERS

ACCESSIBLE RAMP WITH PEDESTRIAN HANDRAILS AND 6' LANDING

RAISED PLANTER

TRAFFIC RATED STAMPED CONC. PLAIN

FLAGPOLES

PEDESTRIAN GATE

5' SIDEWALK

JUDGE/STAFF PARKING

STAFF PARKING

PEDESTRIAN GATE

PROPOSED SALLY PORT

SCREENING WALL (REFER TO ARCH)

BOLLARDS (TYP.)

GENERATOR

TRANSFORMER

UNDERGROUND POWER CONNECTION TO TRANSFORMER

SCREENING WALL (LIGHT POLE (TYP.)

SHERIFF PARKING

FIRE LANE, NO PARKING (TYP.)

FIRE LANE

GRASS AREA

APPROXIMATE LOCATION OF GAS LINE (COORDINATE WITH GAS COMPANY)

CURB CUT WITH CONCRETE FLUME TO INLET

ELECTRONIC GATE

FENCE

34.5'

PARKING TO BE RESTRIPED

NOTE: DAMAGED ASPHALT BEYOND THE EXTENTS OF MILL & OVERLAY TO BE REPLACED AT CONTRACTORS EXPENSE

TRAFFIC LINES TO BE RESTRIPED TO RIGHT TURN IN/RIGHT TURN OUT ONLY ONCE CONSTRUCTION IS COMPLETED

MILL AND OVERLAY

TRAFFIC LINES TO BE RESTRIPED

5' CONC. SIDEWALK

5' STRIPED ACCESS PATH

CONCRETE PLANTER BOX (SEE DETAIL SHEET C11.1)

PROPOSED PERMANENT PUBLIC ACCESS EASEMENT (1324 SF)

PROPOSED TEMPORARY CONSTRUCTION EASEMENT (4083 SF)

PARKING STALLS TO BE RESTRIPED

DISCONNECT SANITARY LATERAL

PID 271 MAGANA'S LLC INST. 220003577 (CITY OF STAUNTON)

PID 5832 BLOCK B.1 LOT 10

PID 901 BLOCK B.1 LOT 5

PID 6745 BLOCK B.1 LOT 6

PID 8370 BLOCK B.1 LOT 7 BLOCK B.2 LOT 1

**RECORD DISTANCE NE COR LOT 10 TO SE COR LOT 5: PER DB. 211, PG. 8 (AUGUSTA CO) = 171.17' PER DB. 200, PG. 470 (CITY OF STAUNTON) = 171.20' (SEE SURVEY NOTES 8 & 9)

PID 7182 N/F NEXT ECHELON PROPERTIES LLC INST. 230000979 ZONED: R3 CURRENT USE: VACANT LAND (CITY OF STAUNTON)

PID 7181 N/F NEXT ECHELON PROPERTIES LLC INST. 230000979 ZONED: R3 CURRENT USE: VACANT LAND (CITY OF STAUNTON)

PID 2099 N/F REMPALO, BRUCE INSTRUMENT 2019 ZONED: R2 CURRENT USE: VACANT LAND (CITY OF STAUNTON)

PID 101867 BLOCK B.1 LOT 8

SCALE 1"=30'

0 30' 60'

MOSELEY ARCHITECTS

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COMMONWEALTH OF VIRGINIA
JEREMY L. FOX
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02/21/2024
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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 603874
DATE: DECEMBER 4, 2023

REVISIONS

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LAYOUT PLAN

C4.0

8/16/2023 11:57:00 AM

UTILITY NOTES:
1. ALL UTILITIES (WATER AND SEWER) MORE THAN 5 FEET FROM THE BUILDING SHALL BE PUBLIC AND THE ALL APPROVAL TESTING AND INSPECTIONS SHALL BE THE RESPONSIBILITY OF PUBLIC WORKS.
2. CONTRACTOR SHALL EXCAVATE, FULLY EXPOSE, AND PREPARE THE WATER MAIN FOR TAPPING. THE CITY WILL CONDUCT THE ACTUAL TAP AND WILL INSTALL THE TAPPING SLEEVE AND VALVE, WHICH SHALL BE SUPPLIED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMAINDER OF CONSTRUCTION OF THE WATER LINES FROM THE TAPPING SLEEVE AND VALVE, INCLUDING ALL PIPE, FITTINGS, VALVES, AND APPURTENANCES, MAINS, SERVICES, AND FIRE HYDRANTS, ALSO INCLUDING ALL BACKFILL, COMPACTION, AND SURFACE RESTORATION.

MATCHLINE

BEVERLY COURT
DB. 334, PG. 284 (AUGUSTA CO.)

TIE TO EXISTING 6" WATERLINE ON BEVERLEY COURT WITH 6" X 6" TAPPING SLEEVE AND VALVE.

19+01.86

19+00

18+00

11.25° BEND

45° BENDS

17+00

45° BENDS

16+00

MATCHLINE

BEVERLY COURT
DB. 334, PG. 284 (AUGUSTA CO.)

ADDITIONAL PARCELS
(CITY GIS)

N/F HURT, CHARLES W, ET AL
DB. 203, PG. 114
(CITY OF STAUNTON)

LOT 2

PID 6358
NUCKOLS, KATHRYN M.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 3

PID 7017
HAHNE, DAVID G.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 4

PID 3400
PETERSON, ALLEN M.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 5

PID 3401
PETERSON, ALLEN M.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 6

PID 6261
STRICKLER, MARVIN P. JR. & JANET F.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 7

PID 2708
TAYLOR, STERLING G.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 8

PID 4929
LUCAS, KEITH M. & CLARA P.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 9

PID 5586
BOYD, PEGGY P.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 10

PID 822
PUFFENBARGER, JONATHON TODD
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 11

PID 823
PUFFENBARGER, JONATHON TODD
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)

PID 5376
FRANSON, WILLIAM C. & CECILLE N.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 12

PID 5375
FRANSON, WILLIAM C. & CECILLE N.
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 13

PID 7977
PACKER, DANIEL G. II
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 14

PID 3785
HITE, DOROTHY C
ZONED: R2
CURRENT USE: RESIDENTIAL
(CITY OF STAUNTON)
LOT 15

U/G COMM
C/L OF 3' WIDE SIGNAL
(VERIZON DUCT)

VEPCO ESMT.
DB. 186, PG. 250
(CITY OF STAUNTON)

SANITARY MH
TOP = 1530.87'
4" PVC INV. IN = 1526.70'
8" DIP INV. IN = 1526.37'
8" DIP INV. OUT = 1526.32'

U/G COMM
C/L OF 3' WIDE SIGNAL
(VERIZON DUCT)

U/G COMM
C/L OF 3' WIDE SIGNAL
(VERIZON DUCT)

SANITARY MH
TOP = 1526.34'
8" HDPE INV. IN =1522.58'
12" HDPE INV. IN = 1521.88'
12" HDPE INV. OUT = 1521.82'

APPROX LOCATION OF
U/G NATURAL GAS - 4" PL
(COLUMBIA GAS OF VA)

U/G SERV.

UNNAMED VARIABLE WIDTH GRAVEL ALLEY (AKA ARMENTROUT ST.) DB. 334, PG. 284 (AUGUSTA CO.)

WEST BEVERLEY STREET
ROUTE 254
(VARIABLE WIDTH R/W)

ONLY

C&P TELEPHONE ESMT.
(APPROX. LOC.)
DB. 307, PG. 408
(CITY OF STAUNTON)

OWNER TO COORDINATE OVERHEAD POWER RELOCATION WITH POWER COMPANY TO AVOID CONFLICTS WITH PROPOSED LIGHT POLES AND TRASH RECEPTACLE.

LIGHT POLE (TYP.)

11.25°+22.5°+45° BEND

6" DIP WATERLINE
(PRESSURE CLASS 350)

6" GATE VALVE

3" X 6" TEE FOR
DOMESTIC LINE.

6" X 6" TEE AND
6" GATE VALVE

16+00

45° BENDS

18+00

12.6'

19+00

20+00

20+28.51

3" GATE VALVE

6" X 6" TEE
AND (3) GATE
VALVES

FIRE
HYDRANT
ASSEMBLY

3" WATER METER IN METER BOX
SEE DETAIL SHEET C1.0

3" GATE VALVE

6" DIP FIRE LINE

3" DIP DOMESTIC
WATERLINE

FIRE RPZ BACKFLOW
PREVENTER INSIDE

45° BENDS

45° BENDS

FDC
LOCATION

4" SANITARY
SEWER
CLEANOUT
INV. OUT: 1549.65'

4" PVC SANITARY
SEWER LINE @
2.0% MIN.

LIGHT POLE (TYP.)

VEPCO EASEMENT
(POLE LINE EASEMENT,
UNSPECIFIED WIDTH)
DB. 186, PG. 250
(CITY OF STAUNTON)

UNDERGROUND
POWER CONNECTION
TO TRANSFORMER

11.25° BEND

APPROXIMATE LOCATION OF
GAS LINE (COORDINATE WITH
GAS COMPANY)

PID 2128
N/F MEMATAL HOUSE
INST. 190000238
CURRENT USE: VACANT LAND
(CITY OF STAUNTON)

PID 7182
N/F NEXT ECHELON PROPERTIES LLC
INST. 230000979
ZONED: R3
CURRENT USE: VACANT LAND
(CITY OF STAUNTON)

PID 7181
N/F NEXT ECHELON PROPERTIES LLC
INST. 230000979
ZONED: R3
CURRENT USE: VACANT LAND
(CITY OF STAUNTON)

6" DIP WATERLINE
(PRESSURE CLASS 350)

22.5° BENDS

TIE TO EXISTING 6" WATERLINE STUB ON BIRCH STREET. REMOVE PLUG/CAP FROM EXISTING 6" STUB-OUT AND CONNECT WITH 6"X6" TEE. INSTALL 6" GATE VALVE ON EAST AND SOUTH SIDE OF TEE AND EXTEND 20' STUB-OUT AND PLUG FOR FUTURE CONNECTION.

BIRCH STREET (24' R/W)
DB. 219, PG. 118 (AUGUSTA CO.)

PID 101867
BLOCK B.7
LOT 9

SCALE 1"=30'
0 30' 60'

TIE TO EXISTING 6" WATERLINE ON WEST BEVERLEY STREET WITH 6" X 6" TAPPING SLEEVE AND VALVE.

MILL AND OVERLAY

UNABLE TO FIELD LOCATE U/G NATURAL GAS LINE AND SERVICES IN THIS AREA

SANITARY MH
TOP = 1532.14'
12" HDPE INV. IN (N) =1525.74'
12" HDPE INV. IN (W) = 1525.84'
12" HDPE INV. OUT = 1525.63'

U/G TRAFFIC CONTROL

TRAFFIC SIGNAL CROSSWALK SIGNAL

HANDICAP RAMP

6" DIP WATERLINE
(PRESSURE CLASS 350)

16+00

11+00

12+00

13+00

14+00

15+00

RECONNECT EX.
WATER METER M W/
TYPE II-A
CONNECTION

RECONNECT EX. WATER
METER M W/ TYPE II-A
CONNECTION

RECONNECT EX.
WATER METER M W/
TYPE II-A CONNECTION

NON-EXCLUSIVE INGRESS AND EGRESS ESMT.
FBO PID 271
D.B. 200, PG. 157 (CITY OF STAUNTON)

EX. WATER LINE TO BE
REMOVED AND TRENCH
TO BE UTILIZED FOR
REPLACEMENT

45° BENDS

SANITARY MH
TOP = 1548.20'
4" DIP INV. IN = 1543.37'
6" TC INV. OUT = 1543.12'

SANITARY MH
TOP = 1550.98'
6" TC INV. IN =1541.68'
8" TC INV. IN = 1537.92'
8" DIP INV. IN = 1540.96'
8" DIP INV. OUT = 1537.79'

4" SANITARY
SEWER
CLEANOUT
INV. OUT: 1548.47'

TIE TO EX. SAN. MANHOLE
(CORE DRILLED AND
FLEXIBLE BOOT INSTALLED)
TOP = 1551.24'
EX. 4" DIP INV. IN = 1547.56'
EX. 8" DIP INV. IN = 1544.23'
EX. 8" DIP INV. OUT = 1543.93'
PROP. 4" DIP INV. IN: 1547.92'

SANITARY MH
TOP = 1551.29'
6" TC INV. IN = 1545.90'
6" DIP INV. IN = 1544.70'
8" DIP INV. OUT = 1544.57'

PROPOSED PERMANENT
PUBLIC ACCESS
EASEMENT (1324 SF)

PROPOSED TEMPORARY
CONSTRUCTION
EASEMENT (4083 SF)

GAS MARKER

CROSSWALK SIGNAL

HANDICAP RAMP

PID 271
MAGANA'S LLC
INST. 220003577
(CITY OF STAUNTON)

APPROX LOCATION OF
U/G NATURAL GAS - 4" PL
(COLUMBIA GAS OF VA)

U/G TRAFFIC
CONTROL

SANITARY MH
TOP = 1542.64'
6"INV. IN (NW) = 1538.59'
8" INV. IN (W) =1538.44'
8" INV. OUT = 1538.34'
(UNABLE TO DETERMINE PIPE MATERIAL)

SANITARY MH
TOP = 1544.43'

**RECORD DISTANCE
NE COR LOT 10 TO SE COR LOT 5:
PER DB. 211, PG. 8 (AUGUSTA CO) = 171.17'
PER DB. 200, PG. 470 (CITY OF STAUNTON) = 171.20'
(SEE SURVEY NOTES 8 & 9)

(TOTAL)

("MEASURED DIST FROM NE COR OF LOT 10 TO SE COR LOT 5)

PID 5832
BLOCK B.1
LOT 10

PID 901
BLOCK B.1
LOT 5

PID 6745
BLOCK B.1
LOT 6

PID 8370
BLOCK B.1
LOT 7
BLOCK B.2
LOT 1

CHESTNUT STREET
(50' R/W)

CHAINLINK FENCE

WIRE FENCE

WOOD FENCE

2" STEEL GAS LINE

SANITARY MH
TOP = 1554.91'
6" DIP INV. IN = 1548.51'
8" DIP INV. OUT = 1548.46'

SANITARY MH
TOP = 1560.59'
6" TC INV. IN = 1554.73'
8" DIP INV. OUT = 1554.69'

U/G COMM
(VERIZON)

U/G CATV

U/G COMM
(VERIZON)

MOSELEYARCHITECTS
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COMMONWEALTH OF VIRGINIA
JEREMY L. FOX
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02/ 21/ 2024

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 603874
DATE: DECEMBER 4, 2023

REVISIONS	
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01/22/24	PER CITY COMMENTS
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02/21/24	PER CITY COMMENTS

UTILITY PLAN

C4.1

8/16/2023 11:57:00 AM

GRADING AND DRAINAGE NOTES:
1. ALL MANHOLE FRAME AND COVERS IN PAVED AREAS SHALL BE INSTALLED TO BE FLUSH WITH THE ASPHALT AND MATCH FINISHED GRADE.

GRADING INSET

LEGEND:
EG: EXISTING GRADE
TBC: TOP BACK OF CURB
FC: FACE OF CURB
SWK: SIDEWALK
EOG: EDGE OF GUTTER

SCALE 1"=10'
0 10' 20'

GRADING INSET NOTES:
THE RAMP DESIGNS FOR PEDESTRIAN FACILITATION ALONG THE PROPOSED SIDEWALK AND CROSSWALK ARE DESIGNED TO BE WITHIN ACCEPTABLE TOLERANCES BASED ON LIMITATIONS NOTED IN CHAPTER 4 "ACCESSIBLE ROUTES" OF THE ADA ACCESSIBILITY STANDARDS. THE PROPOSED GRADES AND LIMITATIONS SHOULD BE EVALUATED BY THE CITY OF STAUNTON PRIOR TO ACCEPTANCE.

SCALE 1"=30'
0 30' 60'

8/16/2023 11:57:00 AM

MOSELEYARCHITECTS
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STAUNTON J&DR COURTS FACILITY

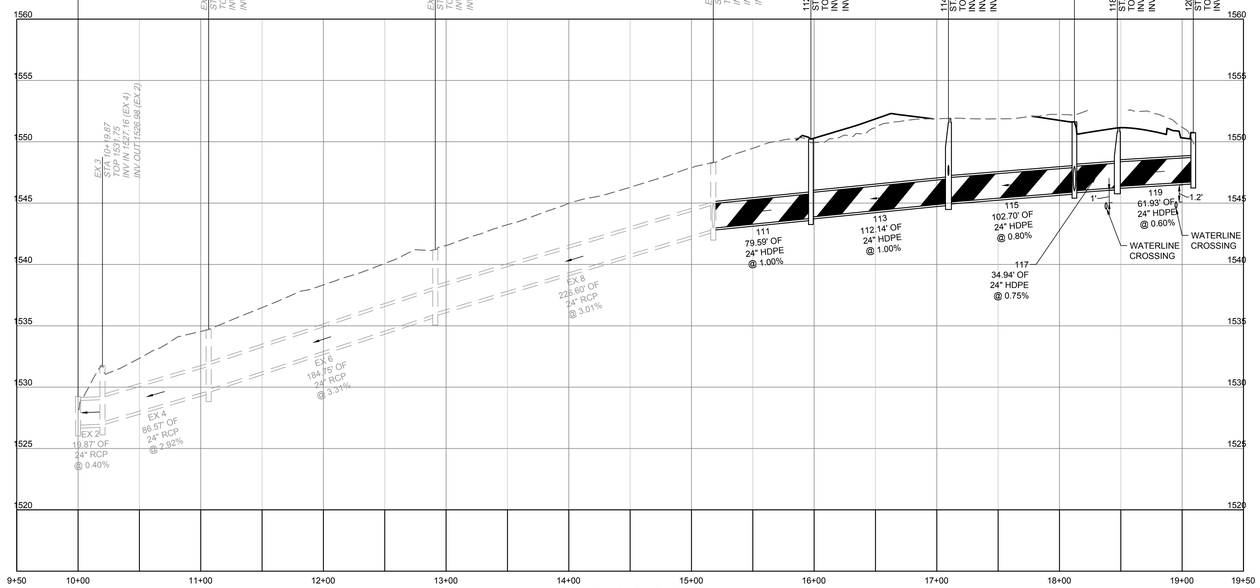
City of Staunton
2040 West Beverley Street, Staunton, VA 24401

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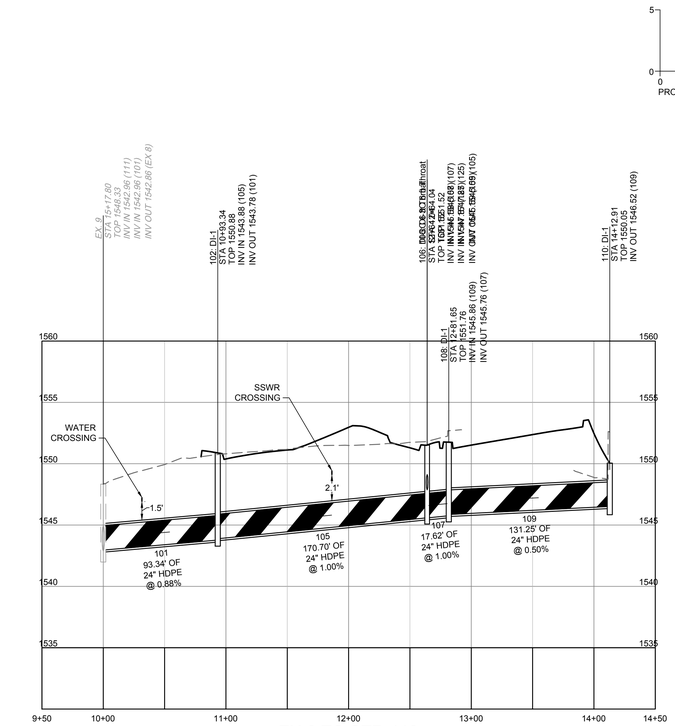
GRADING AND DRAINAGE PLAN

C5.0



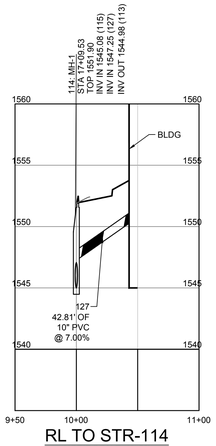
EX-1 TO STR-120

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5



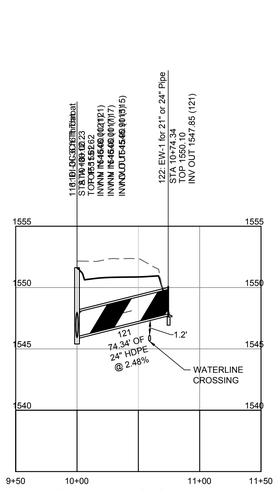
EX-9 TO STR-110

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5



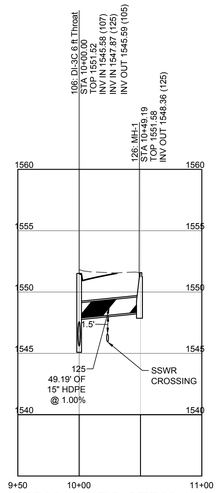
RL TO STR-114

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5



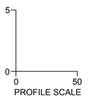
STR-116 TO STR-122

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5



STRM-126 TO STRM-106

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5





STORM STRUCTURE TABLE

STRUCTURE #	TOP	STRUCTURE HEIGHT	DESCRIPTION
102	1550.88	7.10'	DI-1
106	1551.52	5.93'	DI-3C 6 ft Throat
108	1551.76	6.00'	DI-1
110	1550.05	3.71'	DI-1
112	1550.22	6.46'	DI-3B 6 ft Throat
114	1551.90	6.92'	MH-1
116	1551.62	5.72'	DI-3C 6 ft Throat
118	1551.14	4.86'	MH-1
120	1550.74	4.01'	DI-3C 6 ft Throat
122	1550.10	3.67'	EW-1 for 21" or 24" Pipe
126	1551.58	3.22'	MH-1
EX 1	1529.23	2.33'	DI-1
EX 3	1531.75	4.77'	DI-1
EX 5	1534.70	5.01'	DI-1
EX 7	1541.21	5.28'	DI-1
EX. 9	1548.33	5.47'	DI-1
ROOF LEADER	1553.75	3.50'	12" Basin - Circular Grate

STORM PIPE TABLE

PIPE #	DIA	FROM - TO	UPSTREAM INVERT	DOWNSTREAM INVERT	SLOPE	LENGTH	DESCRIPTION
EX 2	24"	EX 3 - EX 1	1526.98	1526.90	0.40%	19.87 LF	24 inch RCP
EX 4	24"	EX 5 - EX 3	1529.69	1527.16	2.92%	86.57 LF	24 inch RCP
EX 6	24"	EX 7 - EX 5	1535.93	1529.81	3.31%	184.75 LF	24 inch RCP
EX 8	24"	EX. 9 - EX 7	1542.86	1536.05	3.01%	226.60 LF	24 inch RCP
101	24"	102 - EX. 9	1543.78	1542.96	0.88%	93.34 LF	24" HDPE
105	24"	106 - 102	1545.59	1543.88	1.00%	170.70 LF	24" HDPE
107	24"	108 - 106	1545.76	1545.58	1.00%	17.62 LF	24" HDPE
109	24"	110 - 108	1546.52	1545.86	0.50%	131.25 LF	24" HDPE
111	24"	112 - EX. 9	1543.76	1542.96	1.00%	79.59 LF	24" HDPE
113	24"	112 - 114	1543.86	1544.98	1.00%	112.14 LF	24" HDPE
115	24"	114 - 116	1545.08	1545.90	0.80%	102.70 LF	24" HDPE
117	24"	118 - 116	1546.26	1546.00	0.75%	34.94 LF	24" HDPE
119	24"	120 - 118	1546.73	1546.36	0.60%	61.93 LF	24" HDPE
121	24"	122 - 116	1547.85	1546.00	2.48%	74.34 LF	24" HDPE
125	15"	126 - 106	1548.36	1547.87	1.00%	49.19 LF	15" HDPE
127	10"	ROOF LEADER - 114	1550.25	1547.25	7.00%	42.81 LF	10" PVC

LEGEND

EXISTING GRADE

PROPOSED GRADE

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COMMONWEALTH OF VIRGINIA
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02/21/2024
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 603874
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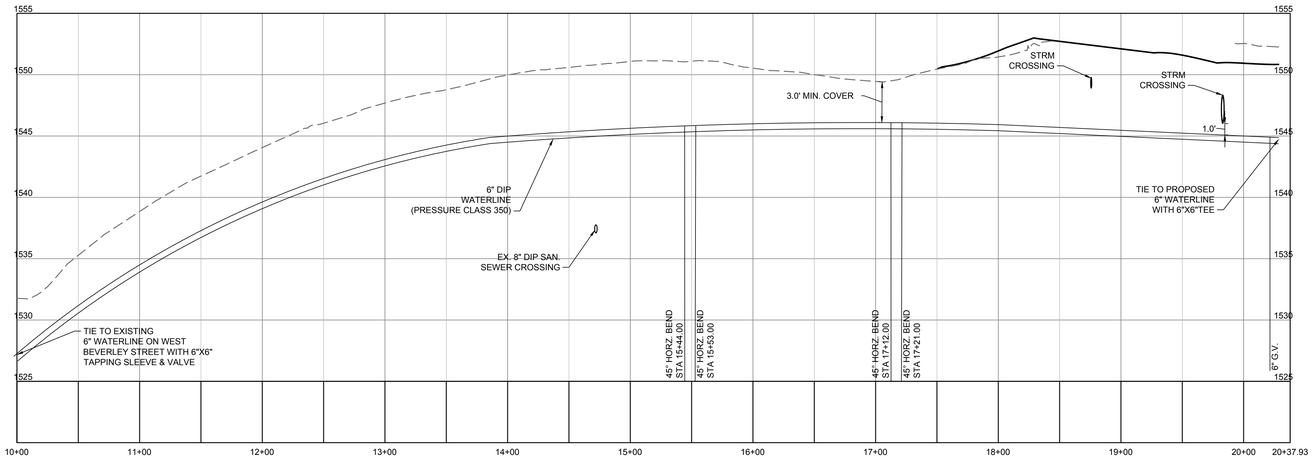
REVISIONS

DATE	DESCRIPTION
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02/13/24	PER CITY COMMENTS
02/21/24	PER CITY COMMENTS

STORM PROFILES

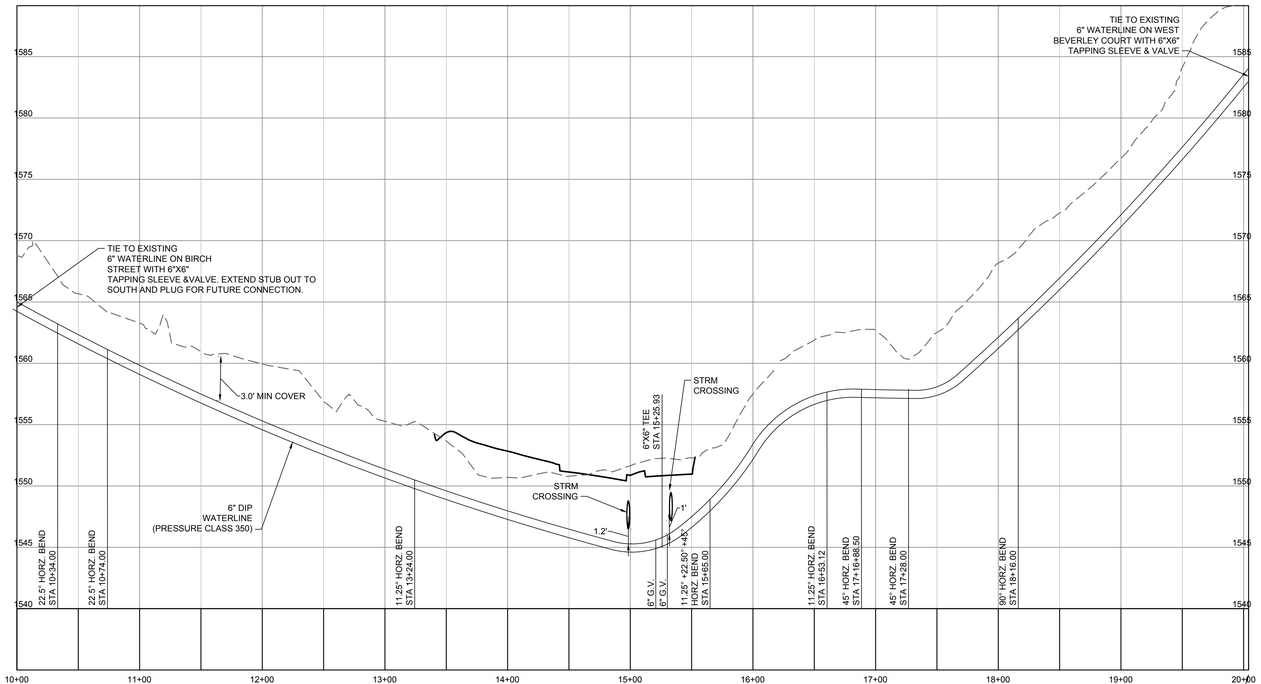
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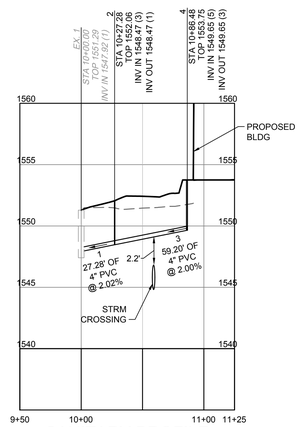
W BEVERLEY ST WATERLINE CONNECTION

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5



BIRCH ST TO BEVERLEY CT WATERLINE CONNECTION

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5



SANITARY PROFILE

HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5

5
0
0 50
PROFILE SCALE

LEGEND
EXISTING GRADE
PROPOSED GRADE

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UTILITY PROFILES

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PROJECT NARRATIVE:

PROJECT INTRODUCTION:

THIS PROJECT INCLUDES THE CONSTRUCTION OF A TWO-STORY JUVENILE AND DOMESTIC RELATIONS COURTS BUILDING, PARKING, AND ASSOCIATED SITE WORK WITHIN THE LOT TO SERVE THE CITY OF STAUNTON. THE LIMITS OF DISTURBANCE FOR THE PROJECT IS 6.56 ACRES.

EXISTING CONDITIONS: THE SITE HAS BEEN PREVIOUSLY DEVELOPED AND IS CURRENTLY VACANT. A LARGE ONE-STORY COMMERCIAL BUILDING AND ASPHALT PARKING COVER THE MAJORITY OF THE EXISTING SITE. ADDITIONAL OFFSITE RUNOFF DRAINS FROM THE NEIGHBORING PROPERTIES TO THE SOUTH TO THE SUBJECT SITE AS SHOWN IN THE DRAINAGE MAPS PROVIDED. THE EXISTING SITE RUN-OFF IS CAPTURED IN A SITE STORMWATER CONVEYANCE SYSTEM AND DISCHARGES INTO THE MUNICIPAL STORMWATER CONVEYANCE SYSTEM IN WEST BEVERLEY STREET.

WATER QUANTITY SUMMARY:

POST-DEVELOPED SITE DRAINAGE PATTERNS CLOSELY MIMIC EXISTING SITE DRAINAGE PATTERNS. SITE FLOWS ARE CAPTURED IN PROPOSED STORMWATER INLETS AND PIPES AND ARE CONVEYED TO AN EXISTING STORMWATER CONVEYANCE SYSTEM ON THE SUBJECT PROPERTY BUT OUTSIDE OF PROJECT LIMITS. THIS SYSTEM DISCHARGES INTO THE EXISTING MUNICIPAL SYSTEM ON WEST BEVERLEY STREET. SITE FLOWS TRAVEL IN THE MUNICIPAL SYSTEM IN AN EASTERLY DIRECTION AND ARE EVENTUALLY DISCHARGED INTO THE MAIN CITY TRUNKLINE IN AN 84" PIPE. SITE FLOWS AND VOLUMES ARE REDUCED FOR ALL DESIGN STORMS THROUGH AN OVERALL REDUCTION IN IMPERVIOUS AREA AND ADDITION OF PERVIOUS COVER THROUGH PLANTED AREAS AND MANAGED TURF.

	2YR Q_{PEAK} (CFS)	10YR Q_{PEAK} (CFS)	2YR VOLUME (CU. FT)	10YR VOLUME (CU. FT)
PRE	16.66	40.11	106,808	220,692
POST	14.88	38.77	101,489	214,726

CHANNEL PROTECTION (9VAC25-870-66B-1.A):

SINCE THE SITE DISCHARGES TO A MANMADE SYSTEM, CHANNEL PROTECTION REQUIREMENTS ARE MET BY SHOWING THAT DISCHARGE FROM THE 2-YEAR 24 HOUR DESIGN STORM ARE NON-EROSIVE WITHIN THE SYSTEM TO THE POINT OF DISCHARGE. SINCE SITE FLOWS AND VOLUMES ARE REDUCED AT THE POINT OF DISCHARGE AND EXISTING DRAINAGE PATTERNS AND TIMES OF CONCENTRATION ARE MAINTAINED, IT IS ASSUMED THAT OVERALL VELOCITY IS REDUCED FROM THE POINT OF DISCHARGE TO THE LIMITS OF ANALYSIS.

CHANNEL PROTECTION LIMITS OF ANALYSIS: THE LIMITS OF ANALYSIS FOR CHANNEL PROTECTION FOR A MANMADE SYSTEM ARE THE POINT OF WHICH FLOWS TO THE PEAK FLOW RATE FROM THE SITE (2-YEAR 24-HOUR STORM) REPRESENT 1% OF TOTAL FLOWS IN THE SYSTEM. THIS IS EXPECTED TO OCCUR WHERE THE RECEIVING MUNICIPAL SYSTEM DISCHARGES INTO THE 84" MUNICIPAL TRUNK LINE.

FLOOD PROTECTION (9VAC25-870-66C-1.A & 2.A)

FLOOD PROTECTION REQUIREMENTS ARE MET AT THE POINT OF DISCHARGE BOTH BY SHOWING ADEQUATE CAPACITY OF THE PROPOSED SYSTEM, AND THE REDUCTION OF THE 10 YEAR 24 HOUR PEAK FLOW RATE FROM PRE-DEVELOPED TO POST DEVELOPED. SEE ATTACHED CALCULATIONS BOOK FOR PIPE CAPACITY CALCULATIONS. THE SYSTEM ENTERS A MAPPED FLOODPLAIN IN THE VICINITY OF WEST BEVERLEY STREET. THEREFORE, A REDUCTION IN THE OVERALL POST DEVELOPED PEAK FLOW RATE FOR THE 10-YEAR 24 HOUR DESIGN STORM AT THIS POINT (THROUGH A CHANGE IN SITE LANDCOVER) IS SHOWN FOR COMPLIANCE.

FLOOD PROTECTION LIMITS OF ANALYSIS: THE LIMITS OF ANALYSIS FOR FLOOD PROTECTION ARE WHERE THE SYSTEM ENTERS A MAPPED FLOODPLAIN IN THE VICINITY OF WEST BEVERLEY STREET.

WATER QUALITY SUMMARY:

WATER QUALITY CRITERIA FOR THIS PROJECT WILL BE ADDRESSED THROUGH THE IMPLEMENTATION OF A FUTURE MASTER STORMWATER MANAGEMENT PLAN BY THE CITY OF STAUNTON.

PRE-DEVELOPED AREA LAND COVER SUMMARY:

EX DA 1	AREA (AC)	SOIL TYPE	CN
FOR	0.00	B	55
MT	0.45	B	61
IMP	5.06	B	98
TOTAL AREA	5.51	CN COMP	95
DESCRIPTION			

OFFSITE DA 1	AREA (AC)	SOIL TYPE	CN
FOR	0.00	B	55
MT	11.10	B	61
IMP	4.64	B	98
TOTAL AREA	15.74	CN COMP	72
DESCRIPTION			

OFFSITE DA 2	AREA (AC)	SOIL TYPE	CN
FOR	0.00	B	55
MT	11.52	B	61
IMP	1.28	B	98
TOTAL AREA	12.80	CN COMP	65
DESCRIPTION			

OFFSITE DA 3	AREA (AC)	SOIL TYPE	CN
FOR	0.00	B	55
MT	1.78	B	61
IMP	0.00	B	98
TOTAL AREA	1.78	CN COMP	61
DESCRIPTION			

POST-DEVELOPED AREA LAND COVER SUMMARY:

DA 1	AREA (AC)	SOIL TYPE	CN
FOR	0.00	B	55
MT	0.62	B	61
IMP	4.89	B	98
TOTAL AREA	5.51	CN COMP	94
DESCRIPTION			

OFFSITE DA 1	AREA (AC)	SOIL TYPE	CN
FOR	0.00	B	55
MT	11.10	B	61
IMP	4.64	B	98
TOTAL AREA	15.74	CN COMP	72
DESCRIPTION			

OFFSITE DA 2	AREA (AC)	SOIL TYPE	CN
FOR	0.00	B	55
MT	11.52	B	61
IMP	1.28	B	98
TOTAL AREA	12.80	CN COMP	65
DESCRIPTION			

OFFSITE DA 3	AREA (AC)	SOIL TYPE	CN
FOR	0.00	B	55
MT	1.78	B	61
IMP	0.00	B	98
TOTAL AREA	1.78	CN COMP	61
DESCRIPTION			

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02/ 21/ 2024
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PROJECT NO: 603874
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REVISIONS

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STORMWATER NARRATIVE

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INLET DRAINAGE AREAS

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PROJECT NO. 20221
DATE: DECEMBER 4, 2023

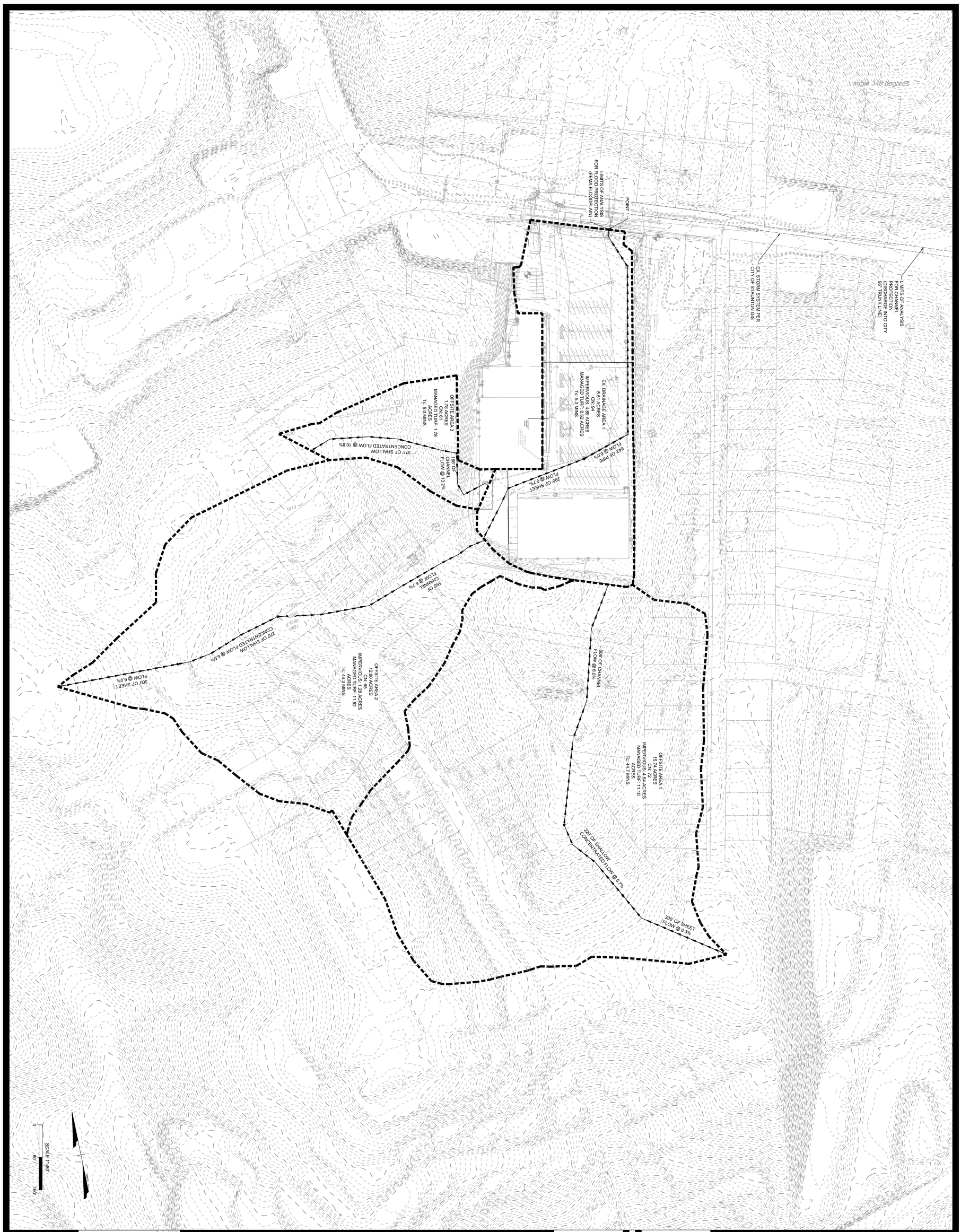
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PRE-DEVELOPED DRAINAGE MAP

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DATE / DESCRIPTION
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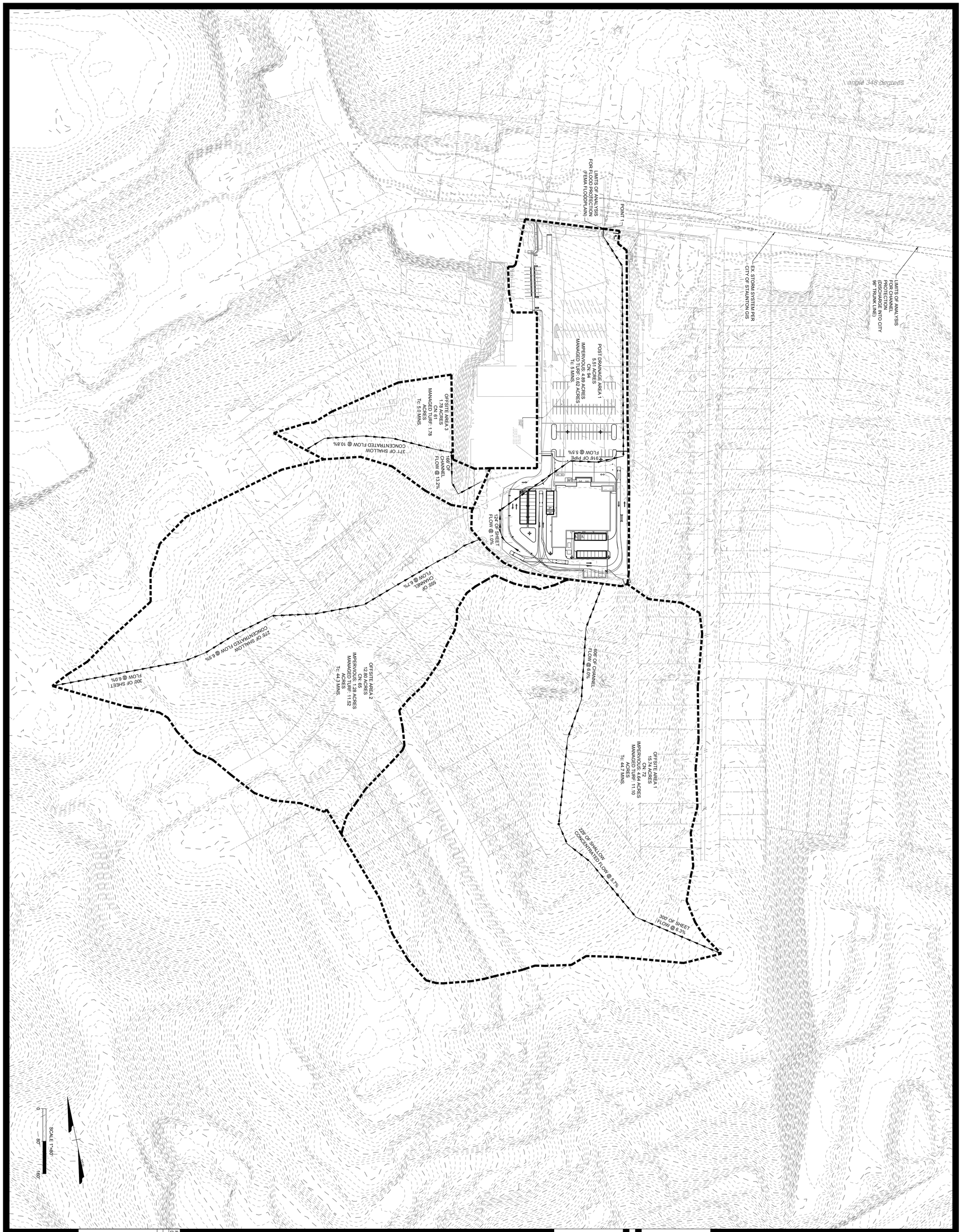
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POST-DEVELOPED DRAINAGE MAP

PROJECT NO: 0220-0
DATE: DECEMBER 4, 2023

DATE	DESCRIPTION
REVISIONS	
01/22/24	PER CITY COMMENTS
02/13/24	PER CITY COMMENTS
02/21/24	PER CITY COMMENTS

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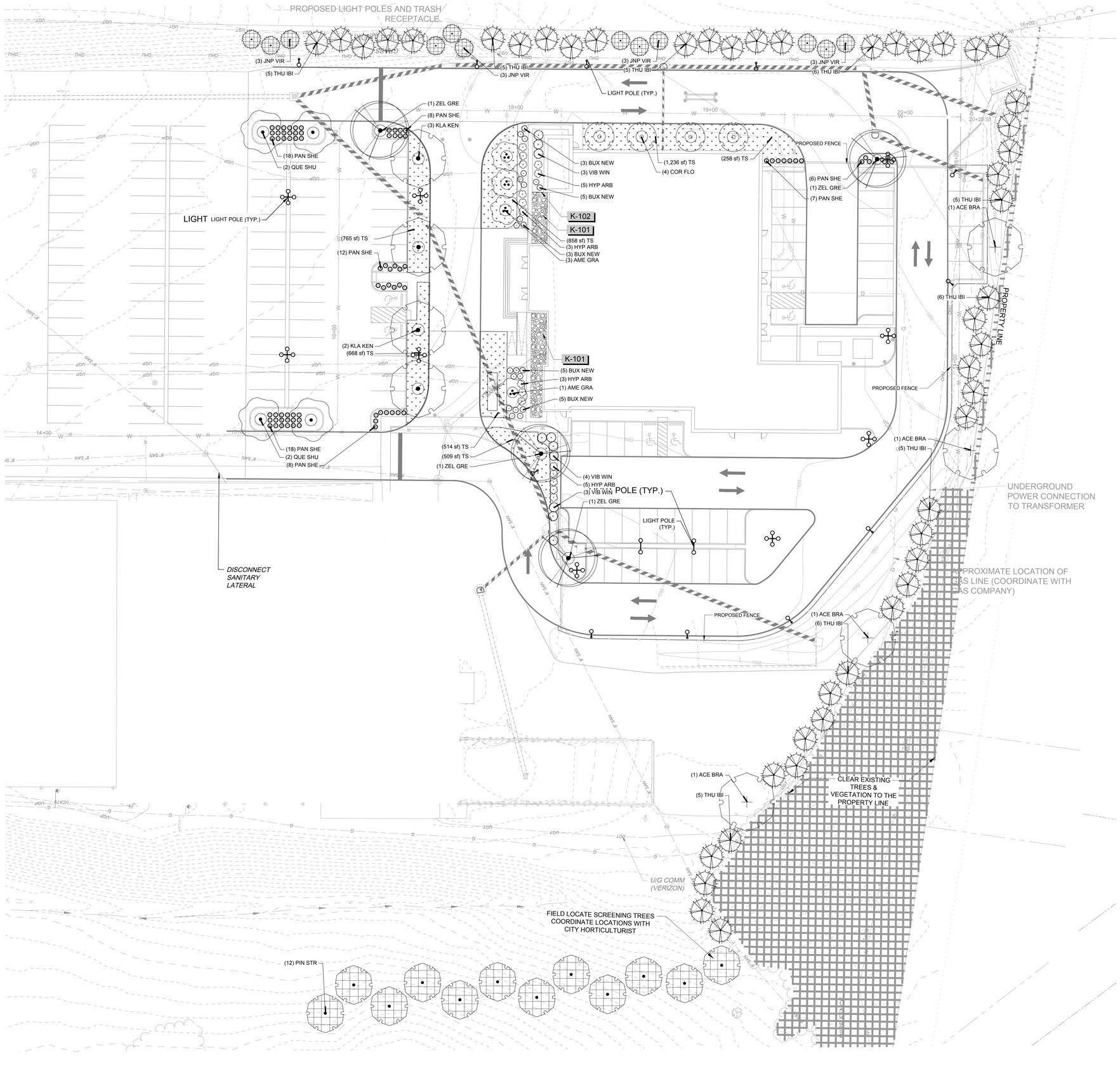
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PLANT SCHEDULE	
CODE	BOTANICAL NAME
TREES	
ACE BRA	Acer rubrum 'Brandywine'
AME GRA	Amelanchier x grandiflora 'Autumn Brilliance'
COR FLO	Cornus florida 'Jean's Appalachian Snow'
KLA KEN	Kladrastus kentuckea
QUE SHU	Quercus shumardii
ZEL GRE	Zelkova serrata 'Green Vase'
BUFFER TREES	
JNP VIR	Juniperus virginiana
PIN STR	Pinus strobus
THU IBI	Thuja x 'Green Giant'
SHRUBS	
BUX NEW	Buxus x 'SB 108' NewGen Independence
HYP ARB	Hydrangea arborescens 'Annabelle'
VIB WIN	Viburnum nudum 'Winterthur'
ORNAMENTAL GRASSES	
PAN SHE	Panicum virgatum 'Shenandoah'
GROUND COVERS	
TS	Turf Sod

REFERENCE NOTES SCHEDULE

SYMBOL	ROCK DESCRIPTION
K-101	CRUSHED ROCK, 3/4" BROWN RIVER GRAVEL FROM GRAVELSHOP CONSTRUCTION MATERIAL & LANDSCAPE SUPPLY OR APPROVED EQUAL, CONFIRM ROCK MATERIAL WITH CITY HORTICULTURIST.
K-102	STEEL EDGING

SCALE 1"=20'
0 20' 40'

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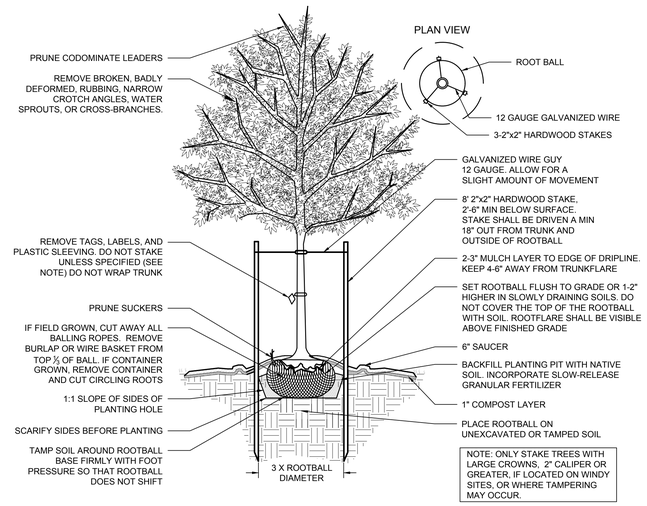
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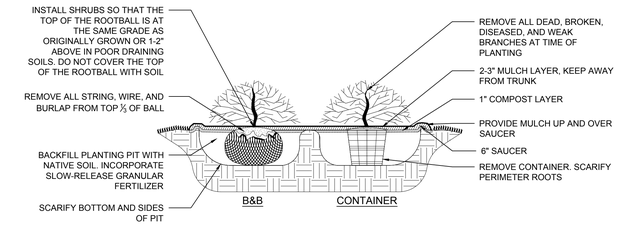
LANDSCAPE PLAN

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1 DECIDUOUS TREE - STAKING SPECIFIED
NOT TO SCALE



2 SHRUB PLANTING
NOT TO SCALE

GENERAL NOTES

PRE-CONSTRUCTION

- CONTRACTOR IS RESPONSIBLE FOR CONTACTING "MISS UTILITY" AT 1.800.552.7001 FOR LOCATION OF ALL UTILITY LINES.TREES SHALL BE LOCATED A MINIMUM OF 5 FEET FROM SEWER/WATER CONNECTIONS. NOTIFY LANDSCAPE ARCHITECT OF CONFLICTS.
- VERIFY ALL PLANT MATERIAL QUANTITIES ON THE PLAN PRIOR TO BIDDING. PLANT LIST TOTALS ARE FOR CONVENIENCE ONLY AND SHALL BE VERIFIED PRIOR TO BIDDING.
- PROVIDE PLANT MATERIALS OF QUANTITY, SIZE, GENUS, SPECIES, AND VARIETY INDICATED ON PLANS. ALL PLANT MATERIALS AND INSTALLATION SHALL COMPLY WITH RECOMMENDATIONS AND REQUIREMENTS OF ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK". IF SPECIFIED PLANT MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON AVAILABILITY TO THE ARCHITECTS, TOGETHER WITH PROPOSAL FOR USE OF EQUIVALENT MATERIAL.
- PROVIDE AND INSTALL ALL PLANTS AS IN ACCORDANCE WITH DETAILS AND CONTRACT SPECIFICATIONS

CONSTRUCTION/INSTALLATION

- LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS AND MATERIALS THAT ARE IN AN UNHEALTHY OR UNSIGHTLY CONDITION, AS WELL AS PLANTS AND MATERIALS THAT DO NOT CONFORM TO ANSI Z60.1 "AMERICAN STANDARD FOR NURSERY STOCK"
- LABEL AT LEAST ONE TREE AND ONE SHRUB OF EACH VARIETY AND CALIPER WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING THE DESIGNATION OF BOTANICAL AND COMMON NAME.
- INSTALL LANDSCAPE PLANTINGS AT ENTRANCES/EXITS AND PARKING AREAS ACCORDING TO PLANS SO THAT MATERIALS WILL NOT INTERFERE WITH SIGHT DISTANCES.
- CONTRACTOR IS RESPONSIBLE FOR WATERING ALL PLANT MATERIAL DURING INSTALLATION AND UNTIL FINAL INSPECTION AND ACCEPTANCE BY OWNER. CONTRACTOR SHALL NOTIFY OWNER OF CONDITIONS WHICH AFFECTS THE GUARANTEE.

INSPECTIONS/GUARANTEE

- UPON COMPLETION OF LANDSCAPE INSTALLATION, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR WHO WILL VERIFY COMPLETENESS, INCLUDING THE REPLACEMENT OF ALL DEAD PLANT MATERIAL. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A FINAL INSPECTION BY THE LANDSCAPE ARCHITECT.
- ALL EXTERIOR PLANT MATERIALS SHALL BE GUARANTEED FOR ONE FULL YEAR AFTER DATE OF FINAL INSPECTION AGAINST DEFECTS INCLUDING DEATH AND UNSATISFACTORY GROWTH. DEFECTS RESULTING FROM NEGLECT BY THE OWNER, ABUSE OR DAMAGE BY OTHERS, OR UNUSUAL PHENOMENA OR INCIDENTS WHICH ARE BEYOND THE CONTRACTORS CONTROL ARE NOT THE RESPONSIBILITY OF THE CONTRACTOR
- PLANT MATERIAL QUANTITIES AND SIZES WILL BE INSPECTED FOR COMPLIANCE WITH APPROVED PLANS BY A SITE PLAN REVIEW AGENT OF THE PLANNING DEPARTMENT PRIOR TO THE RELEASE OF THE CERTIFICATE OF OCCUPANCY.
- REMOVE ALL GUY WIRES AND STAKES 12 MONTHS AFTER INSTALLATION.

MAINTENANCE

- OWNER IS RESPONSIBLE FOR LIFETIME MAINTENANCE AND HEALTH OF REQUIRED LANDSCAPING.

PLANTING NOTE

- ALL SHRUB, ORNAMENTAL GRASS BEDS AND TREE RINGS TO BE MULCHED WITH A 3" LAYER OF DOUBLE GROUND HARDWOOD MULCH.

PLANT SCHEDULE

CODE	BOTANICAL / COMMON NAME	CONT	CAL		QTY
TREES					
ACE BRA	Acer rubrum 'Brandywine' / Brandywine Red Maple	2" CAL.	B&B		4
AME GRA	Amelanchier x grandiflora 'Autumn Brilliance' / Autumn Brilliance Apple Serviceberry	1.5" CAL.	B&B		4
COR FLO	Cornus florida 'Jean's Appalachian Snow' / Appalachian Snow Dogwood	1.5" CAL.	B&B		4
KLA KEN	Kladrastus kentuckea / Yellowood	2" CAL.	B&B		4
QUE SHU	Quercus shumardii / Shumard Red Oak	2" CAL.	B&B		4
ZEL GRE	Zelkova serrata 'Green Vase' / Green Vase Zelkova	2" CAL.	B&B		4
BUFFER TREES					
JNP VIR	Juniperus virginiana / Eastern Red Cedar	5` HT.	B&B		12
PIN STR	Pinus strobus / White Pine	5` HT.	B&B		12
THU IBI	Thuja x 'Green Giant' / Green Giant Arborvitae	5` HT.	B&B OR CONTAINER		48
CODE	BOTANICAL / COMMON NAME	CONT	SIZE		QTY
SHRUBS					
BUX NEW	Buxus x 'SB 108' NewGen Independence / NewGen Independence Boxwood	18"-24" HT./SPRD.			21
HYP ARB	Hydrangea arborescens 'Annabelle' / Annabelle Hydrangea	3 gal			16
VIB WIN	Viburnum nudum 'Winterthur' / Winterthur Viburnum	3 gal			10
ORNAMENTAL GRASSES					
PAN SHE	Panicum virgatum 'Shenandoah' / Shenandoah Switch Grass	1 gal			77
CODE	BOTANICAL / COMMON NAME	CONT	SPACING	SPACING	QTY
GROUND COVERS					
TS	Turf Sod / Drought Tolerant Fescue Blend	Seedling			4,808 sf

REFERENCE NOTES SCHEDULE

SYMBOL	ROCK DESCRIPTION	QTY	DETAIL
K-101	CRUSHED ROCK, 3/4" BROWN RIVER GRAVEL FROM GRAVELSHOP CONSTRUCTION MATERIAL & LANDSCAPE SUPPLY OR APPROVED EQUAL, CONFIRM ROCK MATERIAL WITH CITY HORTICULTURIST.	576 sf	
K-102	STEEL EDGING		

BUFFER LANDSCAPE REQUIREMENTS

** per Sec. 18.175.060 of the Staunton City Code.*

REQUIREMENT	QUANITITY	CALCULATIONS	REQUIRED	PROVIDED
5' WIDE BUFFER-EVERGREEN SCREENING	DOUBLE STAGGERED ROW OF EVERGREEN SHRUBS 10' ON CENTER [OR] DOUBLE STAGGERED ROW OF EVERGREEN TREES 15' ON CENTER	540 FT / 15 FT = 36 TREES	36 TREES	72 TREES

NOTES:

1. SCREENING REQUIRED ALONG EASTERN BOUNDARY ALONG HOMES ON BEVERLY COURT.
2. SCREENING REQUIRED ALONG SOUTHER & WESTERN BOUNDARY PROPERTY (UNDEVELOPED RANSON ST. AREA, & HOOVER ST. NEIGHBORHOOD).

PARKING LOT ISLAND LANDSCAPE REQUIREMENTS

** per Sec. 18.175.060 of the Staunton City Code.*

REQUIREMENT	PARKING SPACES	CALCULATIONS	REQUIRED	PROVIDED
1 SHADE TREE PER 10 PARKING SPACES	90 SPACES	141/10 = 14.1 SHADE TREES	14 SHADE TREES	21 SHADE TREES

NOTES:

1. NO SUBSTITUTIONS OF PLANT MATERIAL WITHOUT THE APPROVAL OF THE CITY HORTICULTURIST.
2. OWNER IS RESPONSIBLE FOR MAINTAINING SHRUBS & TREES AND REPLACING ANY IN THE PROPER SEASON SHOULD THEY DIE.
3. IN THE FIRST YEAR OF ESTABLISHMENT PLANTS & TREES WILL BE WATERED AS REQUIRED (1 TIME PER WEEK WHEN LESS THAN 1" OF RAINFALL OCCURS).
4. LAWN AREAS WILL BE WATERED & MAINTAINED TO ENSURE A GOOD STAND OF GRASS
5. MULCH BEDS WILL BE WEEDED & RE-MULCHED AS NEEDED TO ENSURE COVERAGE.
6. TREES WILL BE PRUNED & MAINTAINED TO PROMOTE GOOD STRUCTURAL GROWTH.
7. TREES WILL NOT BE TOPPED.
8. COORDINATE LAYOUT OF PLANTINGS WITH CITY HORTICULTURIST BEFORE PLANTING.
9. COORDINATE WITH CITY HORTICULTURIST TO FIELD LOCATE WHITE PINE, ARBORVITAE, AND RED CEDAR SCREENING TREES.
10. IN ORDER TO PREPARE THE SOIL FOR SHRUB PLANTING AREAS, BREAK UP ANY COMPACTION TO A MINIMUM DEPTH OF 8", ADD 1" OF COMPOST OF LEAF LITTER AND INCORPORATE WITH A TILLER.
11. INSTALL STEEL EDGING BETWEEN LANDSCAPE AND ROCK BED AREA TO RETAIN ROCK. INSTALL EDGING TO ENSURE TOP EDGE TO NO MORE THAN ½" ABOVE FINISH GRADE.
12. INSTALL WEED BARRIER FABRIC IN ROCK BED AREA PRIOR TO THE SPREADING OF ROCK MULCH.

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COMMONWEALTH OF VIRGINIA
JEREMY L. FOX
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02/21/2024
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 603874
DATE: DECEMBER 4, 2023

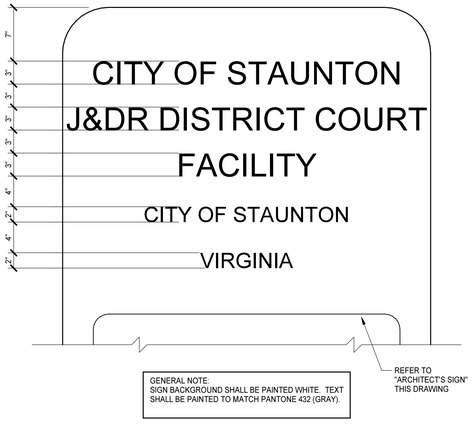
REVISIONS

DATE	DESCRIPTION
01/22/24	PER CITY COMMENTS
02/13/24	PER CITY COMMENTS
02/21/24	PER CITY COMMENTS

LANDSCAPE NOTES AND DETAILS

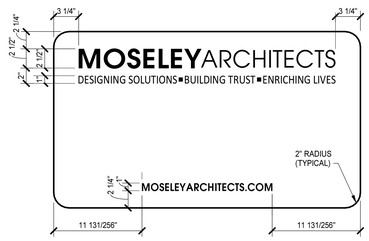
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TEXT LAYOUT ELEVATION

1 1/2" = 1'-0"



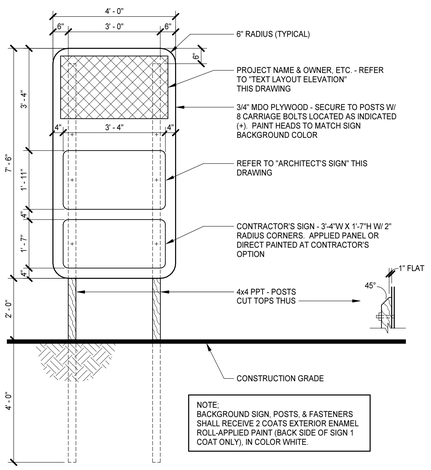
SIZE: 1'-11" VERTICAL x 3'-4" HORIZONTAL

NOTES:
"MOSELEY" TEXT IN LOGO AND WEB ADDRESS IS PMS 485. BULLETS ARE PMS 485, ALL OTHER TEXT AND BORDER IS PMS 432. BACKGROUND IS WHITE.

FONT FOR "DESIGNING SOLUTIONS BUILDING TRUST ENRICHING LIVES" TEXT IS CALIBRI, ALL OTHER TEXT IS AVANTGARDE FONT.

ARCHITECT'S SIGN

1 1/2" = 1'-0"



PROJECT SIGN ELEVATION

1/2" = 1'-0"

ARCHITECTURAL ABBREVIATIONS

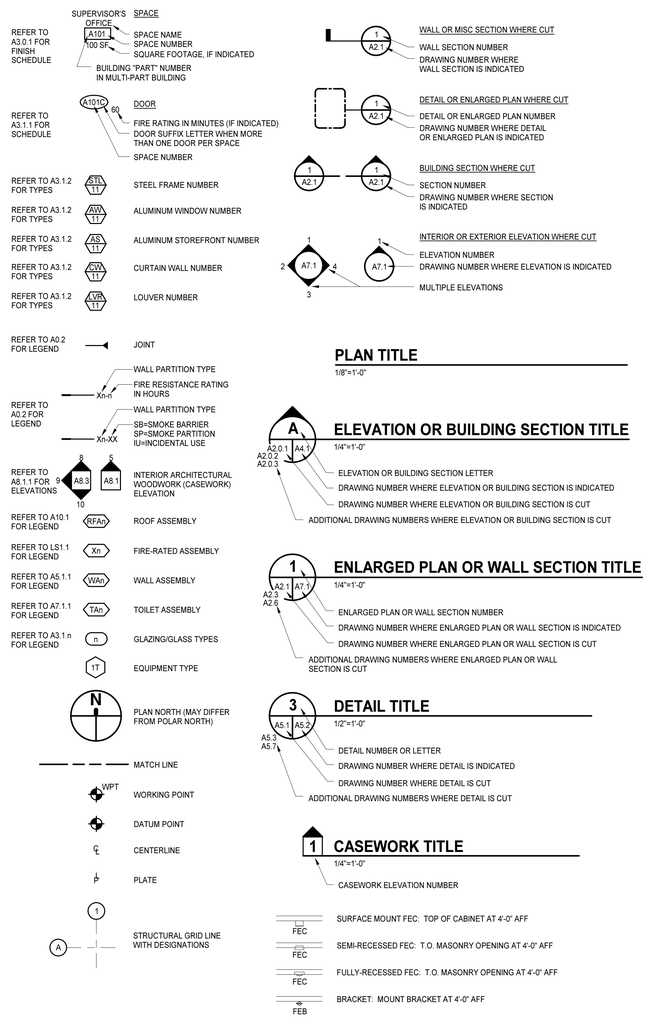
A-PT	ACCENT PAINT
ABS	AIR BARRIER SYSTEM
ABV	ABOVE
ACP	ACOUSTICAL CEILING PANEL
ACT	ACOUSTICAL CEILING TILE
ACW	ALUMINUM CLAD WINDOW
ADJ	ADJUSTABLE
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
ALT	ALTERNATE
ALUM	ALUMINUM
AP	ACCESS PANEL
APC	ARCHITECTURAL PRECAST CONCRETE
ARC	ABUSE RESISTANT COATING
AS	ALUMINUM STOREFRONT
AUTO	AUTOMATIC
AVG	AVERAGE
AW	ALUMINUM WINDOW
AWC	ACOUSTICAL WALL COVERING
AWP	ACOUSTICAL WALL PANEL
BD	BOARD
BF	BARRIER FREE (ADA or A117.1)
BLDG	BUILDING
BLKG	BLOCKING
BOT	BOTTOM
BRG	BEARING
BTWN	BETWEEN
BUR	BUILT-UP ROOF
C	CARPET
C-TILE	CARPET TILE
CAB	CABINET
CB	CHALKBOARD
CCTV	CLOSED CIRCUIT TELEVISION
CEM	CEMENT
CFSF-NS	COLD FORMED STEEL FRAMING, NON-STRUCTURAL
CFSF-S	COLD FORMED STEEL FRAMING, STRUCTURAL
CG	CORNER GUARD
CI	CONTINUOUS INSULATION
CIPC	CAST IN PLACE CONCRETE
CJ	CONTROL JOINT
CL	CLOSET
CLG	CEILING
CLR	CLEAR
CM	CENTIMETER
CMBD	CEMENT BOARD
CMU	CONCRETE MASONRY UNIT
CMU-A	CONCRETE MASONRY UNIT - ACOUSTICAL
CMU-GF	CONCRETE MASONRY UNIT - GROUND FACE
CMU-GLZ	CONCRETE MASONRY UNIT - GLAZED
CMU-SPLF	CONCRETE MASONRY UNIT - SPLIT FACE
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
CONC-LH	CONCRETE WITH LIQUID HARDENER/SEALER
CONC-PMT	CONCRETE WITH PIGMENT
CONC-POL	CONCRETE - POLISHED
CONC-SLR	CONCRETE WITH CURE & SEAL
CONC-ST	CONCRETE WITH STAIN
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CORR	CORRIDOR
CSMU	CAST STONE MASONRY UNIT
CT	CERAMIC TILE
CTSK	COUNTERSINK, COUNTERSUNK
CU FT	CUBIC FEET / FOOT
CUST	CUSTODIAN / CUSTODIAL
CW	ALUMINUM CURTAIN WALL
CWFD	CEMENTITIOUS WOOD FIBER DECK
D	DEPTH/DEEP
DBL	DOUBLE
DEMO	DEMOLITION
DETE	DETENTION
DF	DRINKING FOUNTAIN
DG	DOOR GRILLE
DHM	DETENTION HOLLOW METAL
DIA	DIAMETER
DIAG	DIAGONAL
DIM	DIMENSION
DIV	DIVISION
DL	DOOR LOUVER
DN	DOWN
DP	DAMPPROOFING
DR	DISPLAY RAIL
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
DWR	DRAWER
EA	EACH
EF	EXHAUST FAN
EFS	EXTERIOR FINISH SYSTEM
EIFS	EXTERIOR INSULATION & FINISH SYSTEM
EJ	EXPANSION JOINT
EL	ELEVATION
ELAS	ELASTOMERIC
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMER	EMERGENCY
EPS	EXPANDED POLYSTYRENE
EPX	EPOXY
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EVCT	ENHANCED VINYL COMPOSITION TILE
EWC	ELECTRIC WATER COOLER
EX	EXISTING
EXH	EXHAUST
EXP	EXPANSION
EXPC	EXPOSED CONSTRUCTION
EXT	EXTERIOR
FAAF	FLUID APPLIED ATHLETIC FLOORING
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEB	FIRE EXTINGUISHER BRACKET
FEC	FIRE EXTINGUISHER CABINET
FF	FINISHED FLOOR
FGL	FIBERGLASS
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHVC	FIRE HOSE VALVE CABINET
FIN	FINISHED
FLR	FLOOR
FLRG	FLOORING
FO	FACE OF
FRM	FRAME
FRP	FIBERGLASS REINFORCED PLASTIC
FRT	FIRE RETARDANT TREATED
FT	FOOT, FEET
FTG	FOOTING
FURN	FURNITURE
FVC	FIRE VALVE CABINET
FWC	FABRIC WALL COVERING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GYPSUM BOARD
GB-AR	GYPSUM BOARD - ABUSE RESISTANT
GB-IR	GYPSUM BOARD - IMPACT RESISTANT
GB-S	GYPSUM BOARD - SECURITY
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS, GLAZING
GL-BLK	GLASS BLOCK
GPM	GALLONS PER MINUTE
GRT	GROUT
GSFT	GLAZED STRUCTURAL FACING TILE
GT	GLASS TILE
GWT	GLAZED WALL TILE
GYP	GYPSUM
H	HIGH
HB	HOSE BIBB
HBD	HARDBOARD
HDC	HOLD DOWN CLIPS
HDNR	HARDENER
HDWD	HARDWOOD
HDWR	HARDWARE
HM	HOLLOW METAL
HORIZ	HORIZONTAL
HPC	HIGH PERFORMANCE COATINGS
HPFP	HIGH PERFORMANCE FLOOR PAINT
HT	HEIGHT
HVAC	HEATING, VENTILATING, AIR CONDITIONING
ID	INSIDE DIAMETER
IN	INCH, INCHES
INCL	INCLUDE, INCLUDING
INFO	INFORMATION
INST	INSTALLATION
INSUL	INSULATION
INT	INTERIOR
IRWC	IMPACT RESISTANT WALL COVERING
IWB	INTERACTIVE WHITE BOARD
JAN	JANITOR
JCT	JUNCTION
JT	JOINT
L	LENGTH/LONG
LAB	LABORATORY
LAHJ	LOCAL AUTHORITY HAVING JURISDICTION
LAM	LAMINATE
LAV	LAVATORY
LH	LEFT HAND
LIN	LINOLEUM
LKR	LOCKER
LMC	LINEAR METAL CEILING
LPS	LAMINATE PANEL SYSTEM
LT	LIGHT
LVR	LOUVER
M	METER
MACH	MACHINE
MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MB	MARKERBOARD
MCM	METAL COMPOSITE MATERIAL
MCP	METAL CEILING PANEL
MDO	MEDIUM DENSITY OVERLAY
MECH	MECHANICAL
MED	MEDIUM
MEMB	MEMBRANE
MFR	MANUFACTURER
MIF	MULTICOLOR INTERIOR FINISHING
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MLDG	MOLDING
MO	MASONRY OPENING
MPS	MANUAL PROJECTION SCREEN
MR	MAP RAIL
MT	MOUNT
MTD	MOUNTED
MTL	METAL
NA	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OPNG	OPENING
OPP HD	OPPOSITE HAND
OVHD	OVERHEAD
P-TILE	PORCELAIN TILE
PC	PRECAST
PERF	PERFORATED, PERFORATION(S)
PERIM	PERIMETER
PIP	POURED IN PLACE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PLWD	PLASTIC LAMINATE WOOD
PLYWD	PLYWOOD
PNL	PANEL, PANELING
POLY	POLYETHYLENE
PPS	POWER PROJECTION SCREEN
PPT	PRESSURE- OR PRESERVATIVE-TREATED
PR	PAIR
PREFAB	PREFABRICATED
PREFIN	PREFINISHED
PREP	PREPARE / PREPARATION
PS	PROJECTION SCREEN
PSB	PENCIL SHARPENER BLOCK
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PAINT
PTN	PARTITION
PTS	PNEUMATIC TUBE SYSTEM
PVC	POLYVINYL CHLORIDE
PVMT	PAVEMENT
PVWC	PERFORATED VINYL WALL COVERING
QSM	QUARTZ SURFACING MATERIAL
QT	QUARRY TILE
QTY	QUANTITY
R	RISER, RADIUS
R/W	RIGHT OF WAY
RAD	RADIUS
RAF	RESILIENT ATHLETIC FLOORING
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REFG	REFRIGERATOR
REINF	REINFORCING, REINFORCE(D)
REM	RECESSED ENTRY MAT
REQ'D	REQUIRED
RES	RESINOUS FLOORING
RFT	RUBBER FLOOR TILE
RH	RIGHT HAND
RL	RAIN LEADER
RM	ROOM
RO	ROUGH OPENING
RSF	RUBBER SHEET FLOORING
RSR	RESILIENT STAIR RISER
RST	RESILIENT STAIR TREAD
RT	RIGHT
RTU	ROOFTOP UNIT
SAB	SOUND ATTENUATION BLANKET
SC-PLK	SECURITY CEILING PLANK
SC-PNL	SECURITY CEILING PANEL
SCH	SCHEDULE
SF	SQUARE FEET / FOOT
SFRM	SPRAYED FIRE RESISTANT MATERIAL
SHM	SECURITY HOLLOW METAL
SHTG	SHEATHING
SIM	SIMILAR
SPEC	SPECIFICATION
SPF	SPRAYED POLYURETHANE FOAM
SPR	SPRINKLER
SQ	SQUARE
SQ FT	SQUARE FEET / FOOT
SRD	SECONDARY ROOF DRAIN
SS	STAINLESS STEEL
SSM	SOLID SURFACE MATERIAL
ST	STREET
STC	SOUND TRANSMISSION COEFFICIENT
STD	STANDARD
STL	STEEL
STRUCT	STRUCTURAL
SUSP	SUSPENDED
SV	SHEET VINYL
SWM	SECURITY WOVEN MESH / WOVEN ROD
SYM	SYMMETRICAL
T	TREAD
T&G	TONGUE & GROOVE
T.O.	TOP OF
TB	TACKBOARD
TCF	TEXTILE COMPOSITE FLOORING
TEL	TELEPHONE
TERR-C	TERRAZZO CEMENTITIOUS
TERR-E	TERRAZZO EPOXY
TERR-R	TERRAZZO RUBBERIZED
THHD	THRESHOLD
THK	THICKNESS, THICK
TOS	TOP OF STEEL
TOW	TOP OF WALL
TS	TACK STRIP
TV	TELEVISION
TYP	TYPICAL
UC	UNDERCUT
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED (INDICATED) OTHERWISE
VAT	VINYL ASBESTOS TILE
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VDB	VISUAL DISPLAY BOARD
VERT	VERTICAL
VEST	VESTIBULE
VFCT	VINYL FREE COMPOSITION TILE
VFWC	VINYL FREE WALLCOVERING
VR	VAPOR RETARDER
VT	VINYL TILE
VTR	VENT THROUGH ROOF
VW	VINYL WINDOW
VWC	VINYL WALL COVERING
W	WIDE, WIDTH
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WCP	WOOD CEILING PANEL
WD	WOOD
WDW	WINDOW
WP	WATERPROOFING
WPT	WORKING POINT
WSCT	WAINSCOT
WSF	WOOD SPORTS FLOORING
WT	WEIGHT
WWF	WELDED WIRE FABRIC
XPS	EXTRUDED POLYSTYRENE

KEYNOTES

- n — KEYNOTE (1 TO 2 DIGITS)
- n/n — KEYNOTE (3 DIGITS ONLY)
- n n/n" — SIZE: THICKNESS OR OTHER DESCRIPTIVE INFORMATION

1. KEYNOTES ARE GENERALLY ASSOCIATED WITH A SERIES OF DRAWINGS (e.g., A3.2:n, A5.1:n); THEREFORE KEYNOTE NUMBERS FROM SERIES TO SERIES WILL VARY (i.e., KEYNOTE NO. 1 IN THE A3.2:n SERIES WILL BE DIFFERENT FROM KEYNOTE NO. 1 IN THE A5.1:n SERIES).

ARCHITECTURAL GRAPHIC SYMBOL LEGEND



PLAN TITLE

1/8"=1'-0"

ELEVATION OR BUILDING SECTION TITLE

1/4"=1'-0"

A2.0.1, A2.0.2, A2.0.3, A4.1

- ELEVATION OR BUILDING SECTION LETTER
- DRAWING NUMBER WHERE ELEVATION OR BUILDING SECTION IS INDICATED
- DRAWING NUMBER WHERE ELEVATION OR BUILDING SECTION IS CUT
- ADDITIONAL DRAWING NUMBERS WHERE ELEVATION OR BUILDING SECTION IS CUT

ENLARGED PLAN OR WALL SECTION TITLE

1/4"=1'-0"

A2.1, A7.1, A2.3, A2.6

- ENLARGED PLAN OR WALL SECTION NUMBER
- DRAWING NUMBER WHERE ENLARGED PLAN OR WALL SECTION IS INDICATED
- DRAWING NUMBER WHERE ENLARGED PLAN OR WALL SECTION IS CUT
- ADDITIONAL DRAWING NUMBERS WHERE ENLARGED PLAN OR WALL SECTION IS CUT

DETAIL TITLE

1/2"=1'-0"

A5.1, A5.2, A5.3, A5.7

- DETAIL NUMBER OR LETTER
- DRAWING NUMBER WHERE DETAIL IS INDICATED
- DRAWING NUMBER WHERE DETAIL IS CUT
- ADDITIONAL DRAWING NUMBERS WHERE DETAIL IS CUT

CASEWORK TITLE

1/4"=1'-0"

- CASEWORK ELEVATION NUMBER

DETENTION GRAPHIC SYMBOL LEGEND

XX — DETENTION WINDOW; FRAME NUMBER INDICATES ROOM SIDE WHERE GLAZING STOP IS LOCATED; REFER TO DETENTION WINDOW SCHEDULE ON DRAWING A3.3.1 FOR ADDITIONAL INFORMATION.

D — DETENTION EQUIPMENT ITEM; REFER TO DETENTION EQUIPMENT SCHEDULE ON DRAWING A7.1.1

ARCHITECTURAL GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

B. ELEMENTS THAT ARE IDENTIFIED BY OTHER DISCIPLINES (e.g., CIVIL, STRUCTURAL, PLUMBING, FIRE PROTECTION, MECHANICAL, ELECTRICAL) ELSEWHERE WITHIN THE ARCHITECTURAL SERIES OF DRAWINGS AND/OR SPECIFICATIONS, OR IDENTIFIED OR COVERED BY DEFAULTS (e.g., SIZES, THICKNESS, SPACING, MATERIALS) IN THE SPECIFICATIONS MAY NOT BE ANNOTATED (NOTE OR KEYNOTED) ON THESE DRAWINGS.

C. ELEMENTS IDENTIFIED IN "LEGENDS" AND/OR "GENERAL NOTES" MAY NOT BE NOTED IN DETAILS, OR SECTIONS, AS THESE ELEMENTS ARE IDENTIFIED IN THE LEGENDS (e.g. FACE BRICK, CMU, WINDOWS)

D. REFER TO "ASSEMBLIES" FOR MATERIALS AND COMPONENTS THAT MAKE UP THAT PARTICULAR ASSEMBLY (e.g., EXTERIOR WALL ASSEMBLIES, ROOF ASSEMBLIES, AND FIRE-RATED ASSEMBLIES). ONCE A PARTICULAR ASSEMBLY HAS BEEN IDENTIFIED ON ONE DRAWING, THAT SAME ASSEMBLY GRAPHIC SHALL APPLY TO ALL OTHER SIMILAR LOCATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE. PROVIDE THAT SAME ASSEMBLY AT THE SIMILAR LOCATION WHETHER THE ASSEMBLY GRAPHIC SYMBOL IS SHOWN OR NOT.

E. VERIFY ALL DIMENSIONS, INCLUDING DIMENSIONS ON STRUCTURAL DRAWINGS AND OTHER ARCHITECTURAL DRAWINGS. IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES.

F. PROVIDE CONCRETE HOUSEKEEPING PADS FOR ALL EQUIPMENT INDICATED TO BE MOUNTED OR OTHERWISE REQUIRED TO BE MOUNTED TO THE FLOOR. WHERE PADS ARE NOT SHOWN, PROVIDE 6" THICK CONCRETE PADS W/ 3/4" CHAMFERED EDGES (ALL SIDES). REINFORCE WITH MESH EQUIVALENT TO FLOOR SLAB REINFORCING REQUIREMENTS.

ARCHITECTURAL MATERIALS LEGEND

- EARTH
- POROUS FILL
- CONCRETE
- FACE BRICK
- SPLIT-FACE BLOCK
- CONCRETE MASONRY UNIT
- GROUTED SOLID CONCRETE MASONRY UNIT

NOTE: PROVIDE 100% SOLID, PLANT-CAST UNITS WHERE CORE HOLES WOULD BE VISIBLE WITHIN FINISH SPACE (E.G., WINDOW SILLS)

- ARCHITECTURAL PRECAST CONCRETE
- CAST STONE MASONRY
- RIGID INSULATION
- BATT INSULATION
- SPRAYED POLYURETHANE FOAM
- WOOD SHIM
- WOOD BLOCKING - CONTINUOUS
- FINISHED WOOD
- PLYWOOD
- GYPSUM BOARD / SHEATHING
- STONE

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ANTHONY J. BELL III
Lic. No. 009147
3/1/2024
ARCHITECT

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

GENERAL ARCHITECTURAL INFORMATION

A0.1

3/1/2024 9:36:35 AM

TERMINATION GENERAL NOTES

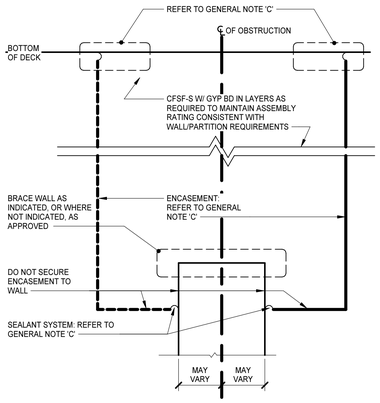
A. AT FIRE-, SMOKE-, AND ACOUSTICALLY RATED WALLS: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G., CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES); OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS. BRACE WALL AS INDICATED OR REQUIRED.

B. AT ALL OTHER WALLS INDICATED TO EXTEND TO UNDERSIDE OF FLOOR/ROOF DECK/CAP: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G., CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES); OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES). BRACE WALL AS INDICATED OR REQUIRED.

C. AT ALL WALLS PREVENTED FROM TERMINATING AT THE UNDERSIDE OF FLOOR/ROOF DECK BY OBSTRUCTIONS, COMPLY WITH THE FOLLOWING:

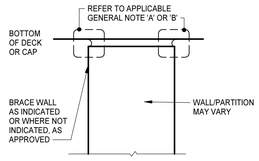
- AT FIRE-, SMOKE-, AND ACOUSTICALLY-RATED WALLS: ENCASE OBSTRUCTION(S) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.
- AT SECURITY WALLS: TERMINATE IN ACCORDANCE WITH SECURITY PARTITION REQUIREMENTS.
- AT OTHER WALLS: ENCASE OBSTRUCTION(S) ON ONE SIDE.
- SEAL ENCASEMENT TO WALL AND SEAL ENCASEMENT TO DECK IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.

TERMINATIONS

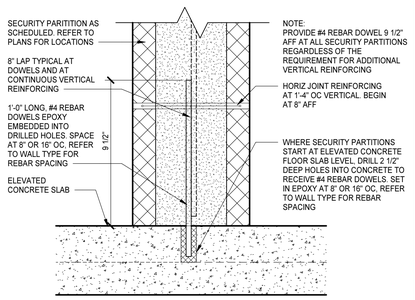


HEAD-OF-WALL TERMINATION @ OBSTRUCTION

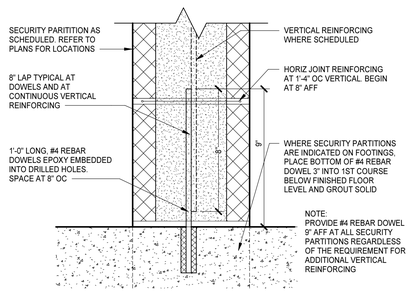
OBSTRUCTION MAY VARY (BEAM, JOIST, GIRDER, CHANNEL, DUCTWORK, PIPING)



HEAD-OF-WALL TERMINATION @ NON-OBSTRUCTION



SECURITY MASONRY WALLS ON ELEVATED CONCRETE FLOOR SLABS



SECURITY MASONRY WALLS ON CONCRETE SLAB ON GRADE

WALL JOINT GENERAL NOTES

A. LOCATE CONTROL JOINTS IN INTERIOR AND EXTERIOR WALLS AS INDICATED ON DRAWINGS.

B. JOINTS ARE INDICATED THUS ◄ ON PLANS AND ELEVATIONS.

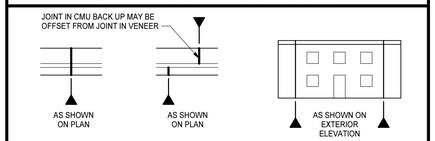
C. WALLS AND JOINT TYPES/DETAILS ARE DIAGRAMMATIC. ADJUST JOINT TYPES/DETAILS IN ACCORDANCE WITH ACTUAL FIELD CONDITIONS.

D. PROVIDE TESTED JOINT ASSEMBLIES AT FIRE-, SMOKE-, AND ACOUSTICAL-RATED WALLS.

E. WHEN USED HEREIN "RATED" MEANS: FIRE, SMOKE, AND/OR ACOUSTICAL.

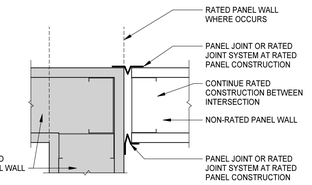
F. REFER TO SPECIFICATIONS FOR ADDITIONAL WALL JOINT REQUIREMENTS.

EXTERIOR WALL JOINT GRAPHICS



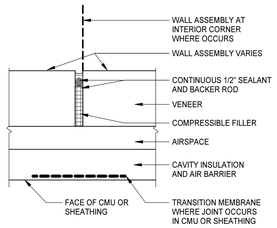
WALL JOINTS

RATED/ NON-RATED CFSF/ PANELS

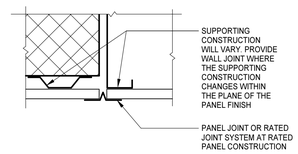


NOTE:
RATED WALL SHADED FOR CLARITY THIS DETAIL

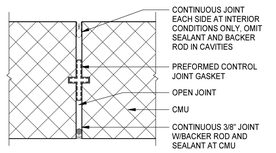
VENEER/ CAVITY



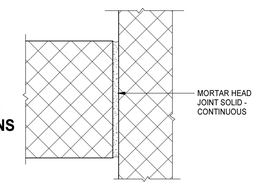
CMU/ CFSF



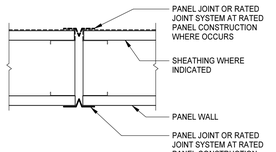
CMU



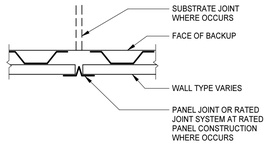
EQUAL BEARING CMU INTERSECTIONS



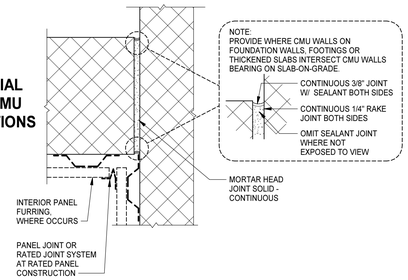
CFSF/ PANELS



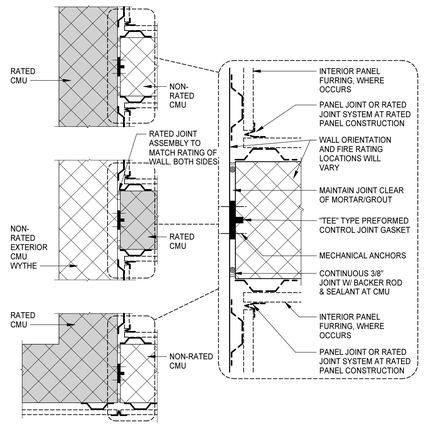
PANEL



DIFFERENTIAL BEARING CMU INTERSECTIONS



RATED/ NON-RATED CMU



NOTE:
RATED WALLS SHADED FOR CLARITY THIS DETAIL

WALL/PARTITION TYPE GENERAL NOTES

A. PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION. WHERE APPLIED FINISHES OCCUR-SUCH AS CERAMIC TILE-DIMENSIONS ARE TO FACE OF APPLIED FINISH. FOR WAINSCOTS, FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT ALLOWED TO REDUCE CLEAR DIMENSIONS. "APPLIED FINISHES" IN THIS CASE DO NOT INCLUDE TRIM, BASE, AND ACOUSTIC WALL PANELS.

B. EXTEND WALL/PARTITION ASSEMBLY COMPONENTS FULL HEIGHT OF ASSEMBLY.

C. ALL INTERIOR MASONRY UNIT PARTITIONS: M8-1 UNLESS INDICATED OTHERWISE.

D. ALL INTERIOR CFSF PANEL PARTITIONS: P1 UNLESS INDICATED OTHERWISE.

E. REFER TO STRUCTURAL AND DETENTION DRAWINGS AND RELATED SPECIFICATIONS FOR SOLID MASONRY, GROUTING, AND REINFORCEMENT REQUIREMENTS INCLUDING BUT MAY NOT BE LIMITED TO:

- MASONRY WALLS/PARTITIONS
- LINTELS
- LINTEL BEARING CONDITIONS
- BOND BEAMS
- SHELF BEARING CONDITIONS
- STRUCTURAL REINFORCING REQUIREMENTS
- CHANGES IN WYTHE

F. THE TERMS "WALL" AND "PARTITION" MAY BE USED INTERCHANGEABLY THROUGHOUT THE CONTRACT DOCUMENTS.

G. EXTEND ALL FIRE-, SMOKE-, INCIDENTAL USE-, AND ACOUSTICAL-RATED WALLS/PARTITIONS TO UNDERSIDE OF FLOOR DECK, ROOF DECK, STRUCTURAL ELEMENT ENCASEMENT OR SOLID CAP ABOVE.

- SEAL AND TERMINATE IN ACCORDANCE WITH JOINT SYSTEM TESTED ASSEMBLIES FOR RESPECTIVE TYPE OF WALLS/PARTITIONS.

H. PARTITIONS THAT DO NOT EXTEND TO UNDERSIDE OF DECK OR CAP ABOVE:

- EXTEND 4 INCHES MINIMUM ABOVE HIGHEST ADJACENT FINISH CEILING UNLESS INDICATED OTHERWISE.

I. DO NOT CONNECT TIES, ANCHORS, OR REINFORCING TO SINGLE CANTILEVERED FIRE WALL OR BETWEEN DOUBLE FIRE WALLS.

J. SEAL AROUND ALL PENETRATIONS.

K. COMPLY WITH TERMINATION, WALL JOINT, AND MISCELLANEOUS DETAILS FOR THOSE CONDITIONS WHERE APPLICABLE. COMPLY WITH REFERENCED STANDARDS WHERE DETAILS ARE NOT IDENTIFIED IN THE DRAWINGS.

L. WALL/PARTITION TYPES DO NOT ADDRESS WALL FINISHES. REFER TO FINISH SCHEDULE.

M. FINISHED SPACES: PROVIDE CHASES AROUND ALL EXPOSED VERTICAL COMPONENTS, INCLUDING BUT NOT LIMITED TO: DUCTWORK, PIPING, AND CONDUIT, UNLESS COMPONENTS ARE SPECIFICALLY INDICATED TO REMAIN EXPOSED. IF NOT OTHERWISE INDICATED, PROVIDE P2 CHASE CONSTRUCTION.

- HOLD CHASES TIGHT TO COMPONENTS ALLOWING FOR ACCESS, INSULATION, AND TOLERANCES.
- EXTEND CHASES FROM FLOOR TO 4 INCHES MINIMUM ABOVE FINISH CEILING OR IF NO CEILING IS INDICATED, EXTEND CHASES TO UNDERSIDE OF FLOOR DECK, ROOF DECK, OR SOLID CAP ABOVE AND TERMINATE ACCORDINGLY.

N. PROVIDE BACKER BOARD/UNIT OF SAME THICKNESS INDICATED IN LIEU OF GYPSUM BOARD PANEL AT PORTIONS OF WALLS/PARTITIONS TO RECEIVE TILE.

MASONRY UNIT WALL/PARTITION TYPES

REPRESENTED BY Xnn

MARK	FIRE RATED ASSEMBLY (REFER TO LS 1.1 FOR LEGEND)	REMARKS	INFORMATION
M6 M6-1	X1		5 5/8" — CMU
M8 M8-1	X1		7 5/8" — CMU

SECURITY WALL/PARTITION TYPES

REPRESENTED BY Xnn

MARK	FIRE RATED ASSEMBLY (REFER TO LS 1.1 FOR LEGEND)	REMARKS	INFORMATION
S4			5 3/4" — LEVEL 3, 1/2" BALLISTIC ARMOR (ON UNSECURED SIDE) 4" CFSF-NS SAB 5/8" GYPSUM BOARD
S6 S6-1	X1		5 5/8" — 6" CMU WITH CONTINUOUS #4 VERTICAL REBAR AT 8" OC LAP REBAR VERTICALLY 1'-0" MIN. GROUT ALL CORES SOLID
S8 S8-1	X1		7 5/8" — 8" CMU WITH CONTINUOUS #4 VERTICAL REBAR AT 8" OC LAP REBAR VERTICALLY 1'-0" MIN. GROUT ALL CORES SOLID

PANEL WALL/PARTITION TYPES

REPRESENTED BY Xnn

MARK	FIRE RATED ASSEMBLY (REFER TO LS 1.1 FOR LEGEND)	REMARKS	INFORMATION
P1 P1A		STC 45 (P1 ONLY) RAL-TL12-194	4 7/8" — 5/8" GYPSUM BOARD (BOTH SIDES) 3 5/8" CFSF-NS 3 1/2" SOUND ATTENUATION BATTS (OMIT AT P1A)
P2 P2A			4 1/4" — 5/8" GYPSUM BOARD 3 5/8" CFSF-NS 3 1/2" SOUND ATTENUATION BATTS (OMIT AT P2A)
P3 P3A P3B			4 7/8" — THINSET TILE ON 5/8" BACKER BOARD 3 5/8" CFSF-NS 3 1/2" SOUND ATTENUATION BATTS 5 1/2" @ P3A — 5/8" GYPSUM BOARD THINSET TILE ON 5/8" BACKER BOARD (BOTH SIDES AT P3B) 3 5/8" CFSF-NS 3 1/2" SOUND ATTENUATION BATTS 6 1/8" @ P3B
P4 P4A P4B			7 1/2" — THINSET TILE ON 5/8" BACKER BOARD 6" CFSF-NS 3 1/2" SOUND ATTENUATION BATTS 7 7/8" @ P4A — 5/8" GYPSUM BOARD (P4A ONLY) THINSET TILE ON 5/8" BACKER BOARD (BOTH SIDES AT P4B) 6" CFSF-NS 3 1/2" SOUND ATTENUATION BATTS 8 1/2" @ P4B
P5			1 1/2" — 5/8" GYPSUM BOARD 7/8" CFSF-NS
P5A			THINSET TILE ON 5/8" BACKER BOARD 7/8" CFSF-NS
P6		STC 61 NGC 2018192	6 3/8" — 5/8" GYPSUM BOARD - TWO LAYERS 7/8" RESILIENT CHANNEL W/ ISOLATION CLIPS 3 5/8" CFSF-NS 3 1/2" SOUND ATTENUATION BATTS
P7	X2		4 5/8" — 5/8" GYPSUM BOARD TYPE X 4" C-H STUD 25 GA 24" OC 1" GYPSUM LINER PANEL
P8			6 7/8" — 5/8" GYPSUM BOARD 6" CFSF-NS 3 1/2" SOUND ATTENUATION BATTS

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STAUNTON J&DR COURTS FACILITY

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CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

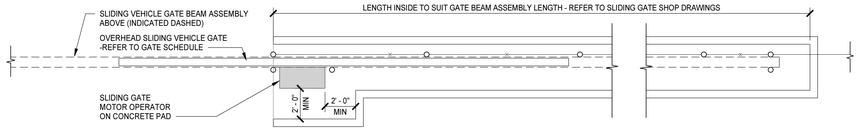
REVISIONS

DATE	DESCRIPTION

WALL/PARTITION TYPES, WALL JOINTS AND TERMINATIONS

A0.2

3/1/2024 9:36:36 AM



1 TYP | A1.1.1 **TYPICAL SLIDING GATE TROUGH PLAN**

1/4" = 1'-0"

ARCHITECTURAL SITE PLAN KEYNOTES

REPRESENTED BY n

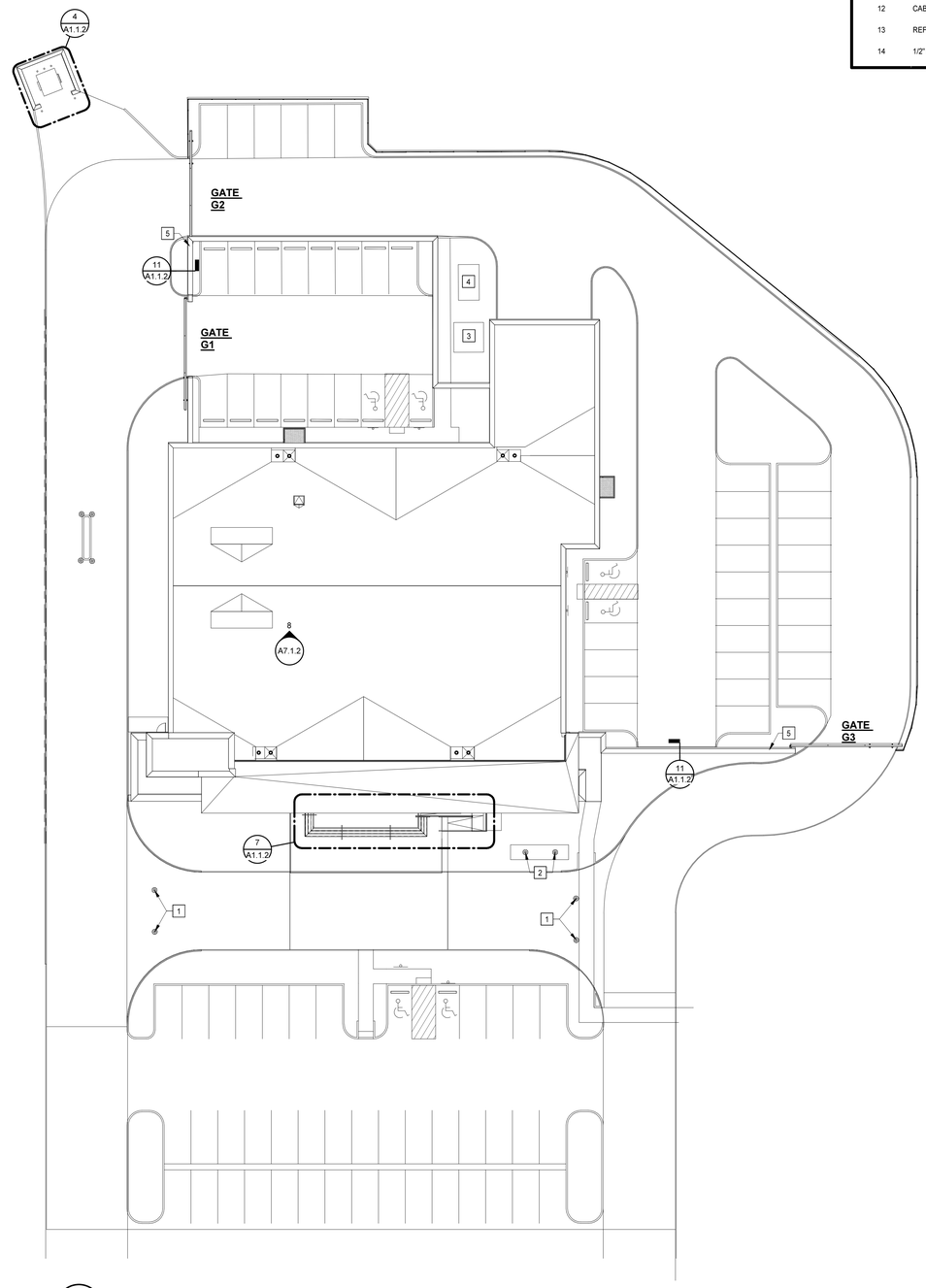
APPLIES TO DRAWINGS A1.1.1 - A1.1.2

1	REMOVABLE BOLLARD. REFER TO REMOVABLE BOLLARD DETAIL ON C1.0
2	FLAGPOLE
3	GENERATOR
4	TRANSFORMER
5	SITE WALL
6	BOLLARD - REFER TO DETAIL 3 ON A1.1.2
7	DUMPSTER - NIC
8	PERIMETER BENT PLATE FRAME
9	LOUVER GATE PANEL
10	GALVANIZED STEEL GATE POST AND CONNECTIONS TO FOOTINGS BY GATE MANUFACTURER
11	30" CANE BOLT AND ATTACHMENT SLEEVES, 4" EXTENSION INTO GROUND SLEEVE PIPES SET IN CONCRETE APRON AT OPEN AND CLOSED POSITIONS. CANE AND SLEEVES TO INCLUDE SLOT AND CLEAT TO HOLD CANE IN RAISED POSITION
12	CABLE RAIL HANDRAIL SYSTEM
13	REFER TO CIVIL DRAWINGS FOR FINISH GRADE
14	1/2" ISOLATION JT W/ FILLER STRIP AND SEALANT

GATE SCHEDULE

GATE #	GATE TYPE	MATERIAL	GATE SIZE	LOCATION	HARDWARE SET	NOTES
G1	SLIDING BI-PARTING GATE	BLACK VINYL COATED GALV STL	24'-0"W X 10'-0"H	SECURE PARKING	--	INTERFACE W/ SECURITY CONTROL SYSTEM FOR REMOTE OPERATION
G2	SLIDING VEHICLE GATE	BLACK VINYL COATED GALV STL	25'-0"W X 10'-0"H	STAFF PARKING EXIT/ENTRY	--	INTERFACE W/ SECURITY CONTROL SYSTEM FOR REMOTE OPERATION; NOTE 1
G3	SLIDING BI-PARTING GATE	BLACK VINYL COATED GALV STL	25'-0"W X 10'-0"H	STAFF PARKING EXIT	--	INTERFACE W/ SECURITY CONTROL SYSTEM FOR REMOTE OPERATION; NOTE 1

NOTE 1: PROVIDE KNOX BOX ADJACENT TO GATE



N **ARCHITECTURAL SITE PLAN**

1" = 20'-0"

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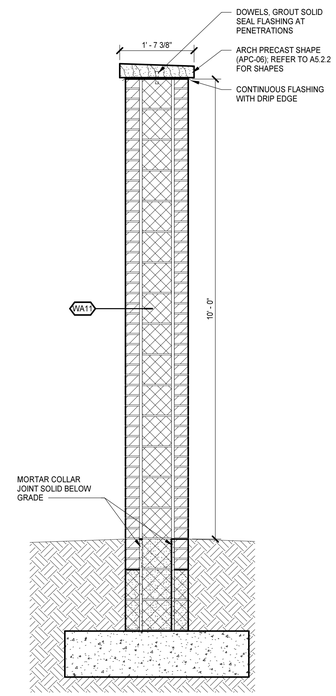
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DATE	DESCRIPTION

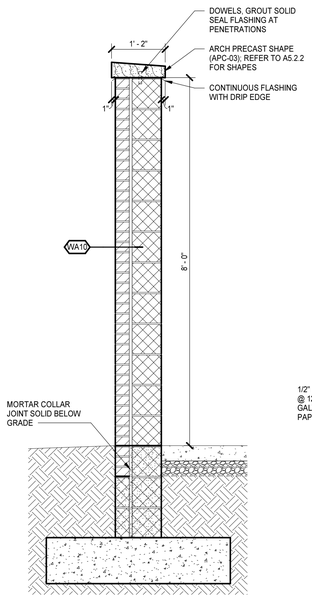
ARCHITECTURAL SITE PLAN

A1.1.1

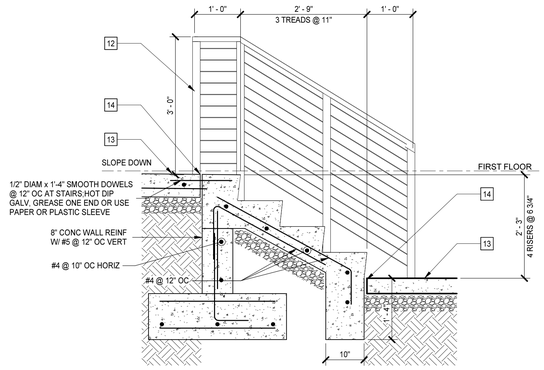
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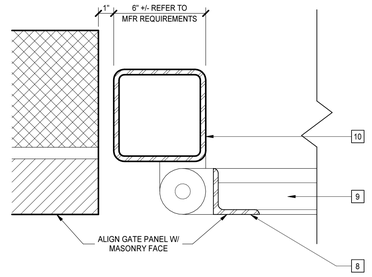
11 SECTION
A1.1.1 A1.1.2 3/4" = 1'-0"



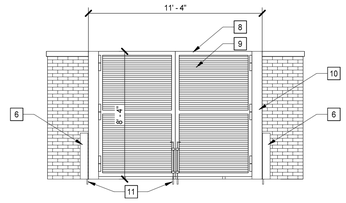
10 SECTION
A1.1.2 A1.1.2 3/4" = 1'-0"



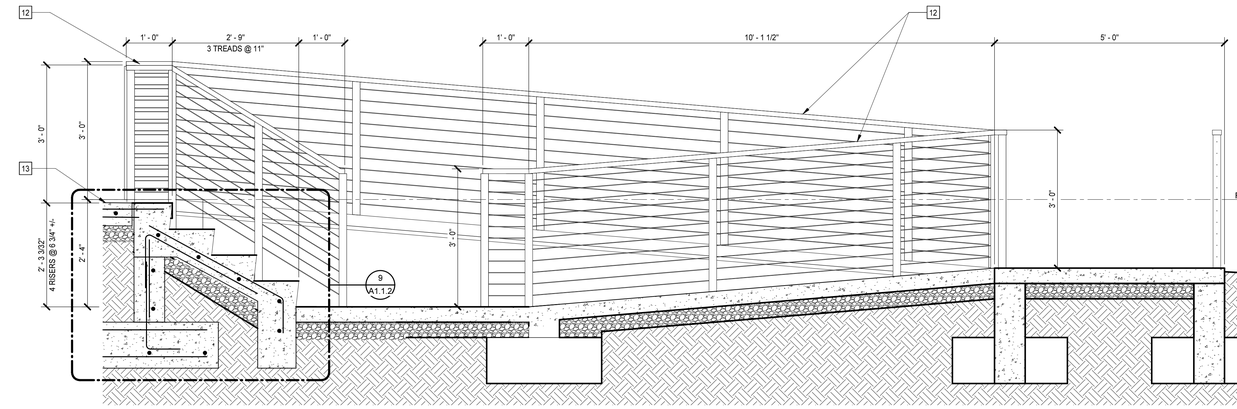
9 STAIR SECTION
A1.1.2 A1.1.2 3/4" = 1'-0"



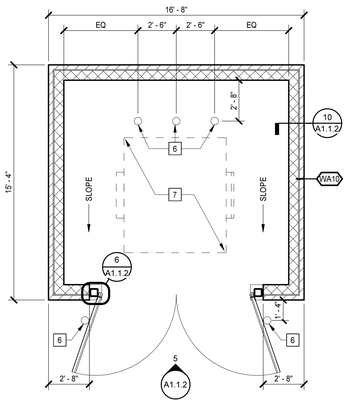
6 SITE PLAN DETAIL
A1.1.2 A1.1.2 3" = 1'-0"



5 DUMPSTER ENCLOSURE ELEVATION
A1.1.2 A1.1.2 1/4" = 1'-0"

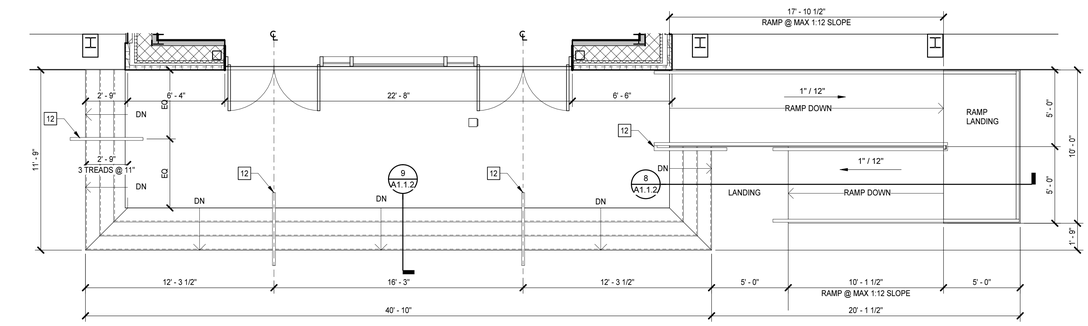


8 ENTRY STAIR & RAMP SECTION
A1.1.2 A1.1.2 3/4" = 1'-0"

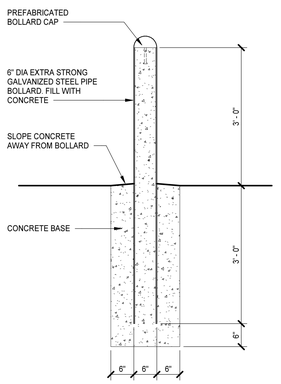


4 DUMPSTER ENCLOSURE
A1.1.1 A1.1.2 1/4" = 1'-0"

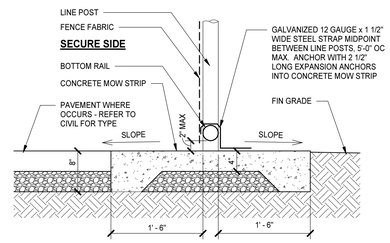
2 SECTION - PERIMETER SECURITY FENCE
A1.1.2 1/2" = 1'-0"



7 ENLARGED PLAN ENTRY STAIR AND RAMP
A1.1.1 A1.1.2 1/4" = 1'-0"



3 PIPE BOLLARD
A1.1.2 3/4" = 1'-0"



1 FENCE DETAIL - MOW STRIP & TIE DOWN
A1.1.2 A1.1.2 1" = 1'-0"

ARCHITECTURAL SITE PLAN KEYNOTES

REPRESENTED BY n

APPLIES TO DRAWINGS A1.1.1 - A1.1.2

1	REMOVABLE BOLLARD. REFER TO REMOVABLE BOLLARD DETAIL ON C1.0
2	FLAGPOLE
3	GENERATOR
4	TRANSFORMER
5	SITE WALL
6	BOLLARD - REFER TO DETAIL 3 ON A1.1.2
7	DUMPSTER - NIC
8	PERIMETER BENT PLATE FRAME
9	LOUVER GATE PANEL
10	GALVANIZED STEEL GATE POST AND CONNECTIONS TO FOOTINGS BY GATE MANUFACTURER
11	30" CANE BOLT AND ATTACHMENT SLEEVES. 4" EXTENSION INTO GROUND SLEEVE PIPES SET IN CONCRETE APRON AT OPEN AND CLOSED POSITIONS. CANE AND SLEEVES TO INCLUDE SLOT AND CLEAT TO HOLD CANE IN RAISED POSITION
12	CABLE RAIL HANDRAIL SYSTEM
13	REFER TO CIVIL DRAWINGS FOR FINISH GRADE
14	1/2" ISOLATION JT W/ FILLER STRIP AND SEALANT

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3 | 1 | 2024
ARCHITECT

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DATE	DESCRIPTION

ARCHITECTURAL SITE DETAILS

A1.1.2

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FLOOR PLAN KEYNOTES

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APPLIES TO DRAWINGS A2.1.0 - A2.2.0

1	CELL PHONE LOCKER
2	MAGNETOMETER
3	X-RAY MACHINE
4	TURNSTILE
5	ACCESSIBLE TURNSTILE
6	FLAT PANEL DISPLAY MONITOR NIC. PROVIDE ADDITIONAL 20 GA STL STUDS IN WALL FOR SUPPORT OF MONITOR.
7	CLOSET SHELF WITH COAT ROD - REF A8 SERIES FOR DETAIL
9	MOP & BROOM HOLDER W/ SHELF. REFER TO TOILET ACCESSORY SCHEDULE ON A7.1.1
10	RECESSED DEAL TRAY
11	PARTITION CLOSURE MULLION. REFER TO DETAIL 24/A3.2.2
12	SPECIMEN PASS THROUGH CABINET
13	LADDER TO ROOF HATCH ABOVE
14	AUTOMATIC DOOR OPENER PUSH PLATE
15	AUTOMATIC DOOR OPENER PUSH PLATE ON PEDESTAL
16	PLANTER WALL. REFER TO 3/A5.2.1

1 A2.1.0 A2.1.0 **ENLARGED CORNER DETAIL**
1 1/2" = 1'-0"

FIRST FLOOR PLAN
1/8" = 1'-0"

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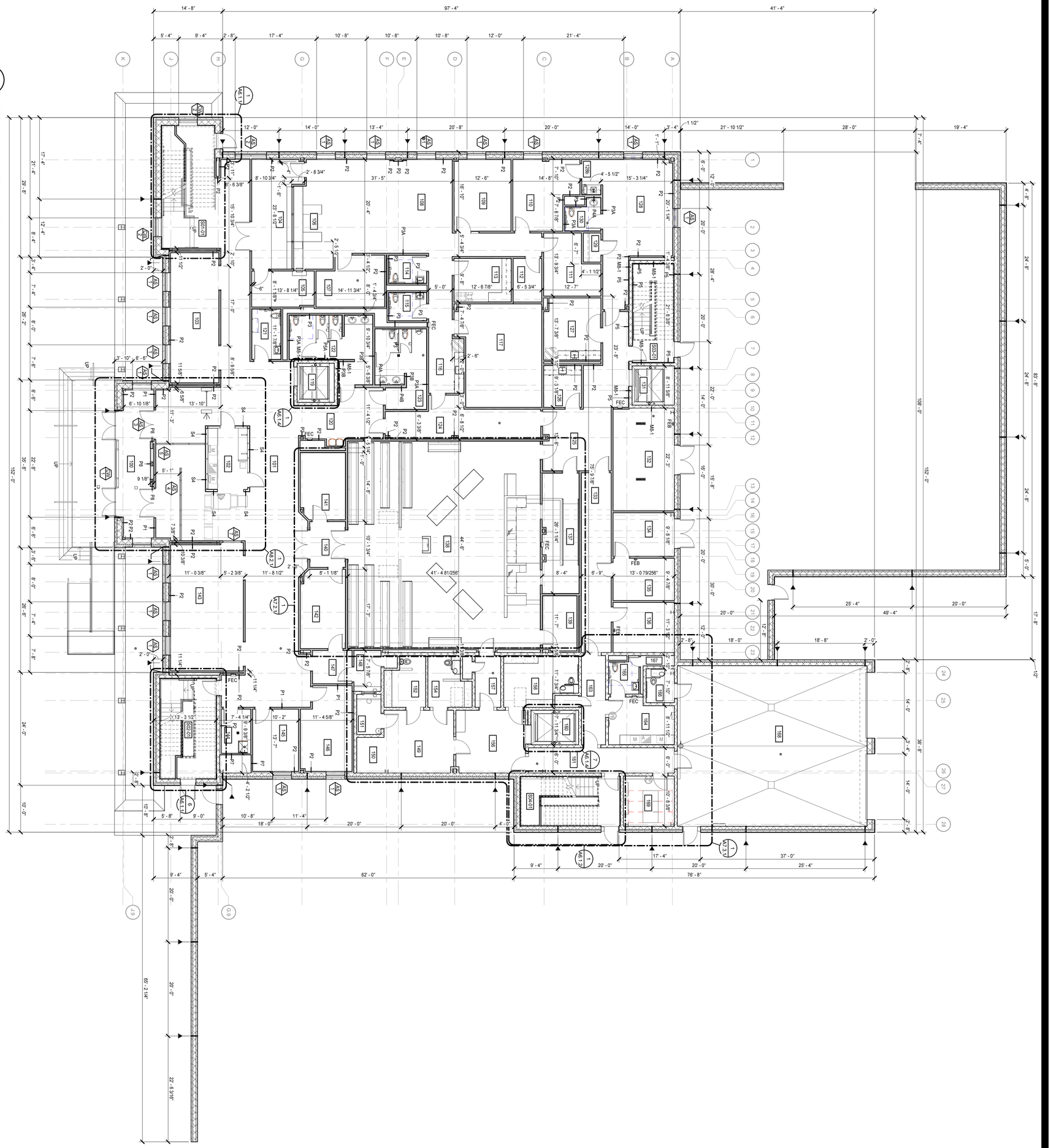
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DATE	DESCRIPTION

FIRST FLOOR PLAN

A2.1.0

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FIRST FLOOR DIMENSION PLAN

1/8" = 1'-0"

A2.1.1

FIRST FLOOR DIMENSION PLAN

PROJECT NO	23001
DATE	MARCH 1, 2024

DATE	REVISIONS DESCRIPTION

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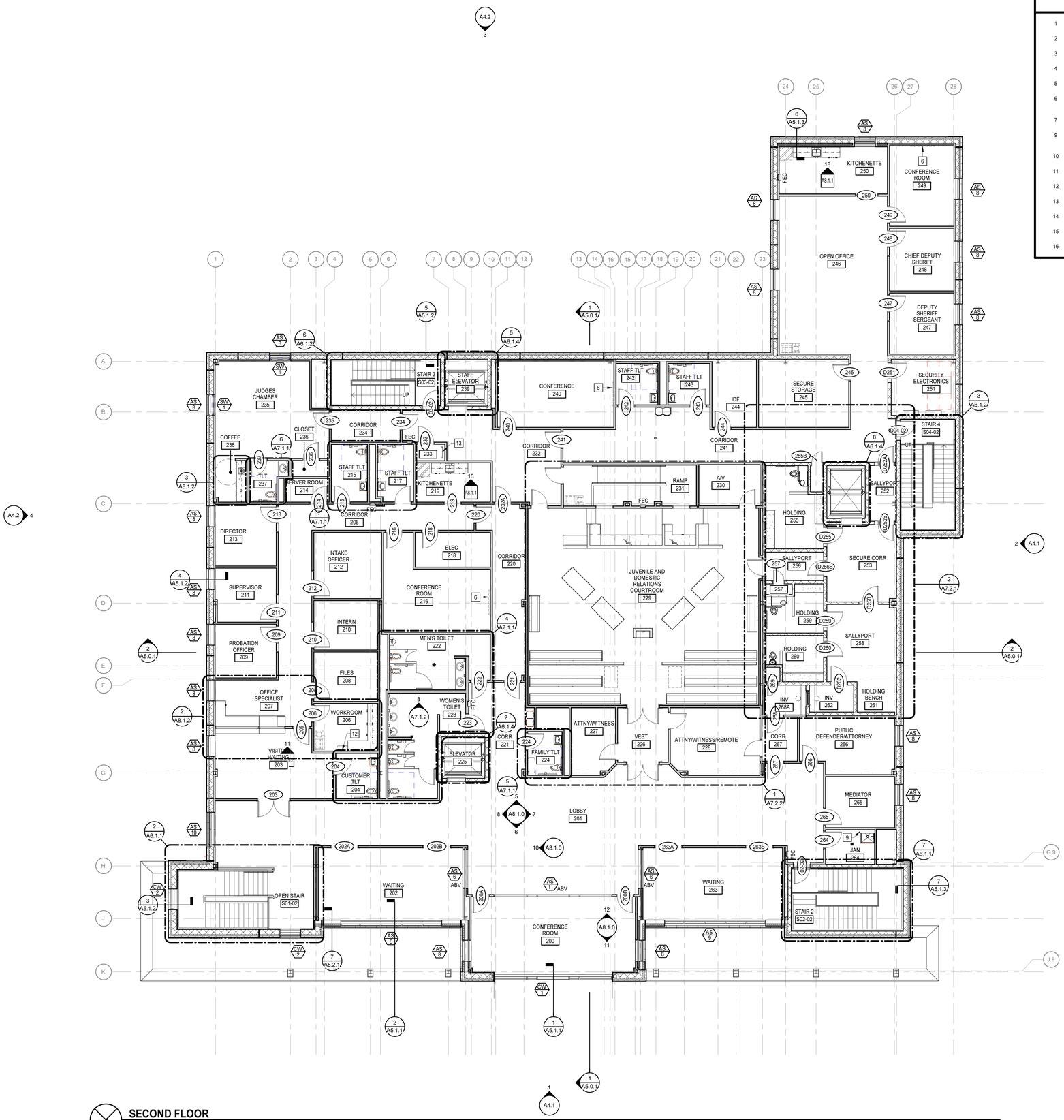
3200 NORFOLK STREET, RICHMOND, VA 23230
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FLOOR PLAN KEYNOTES

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APPLIES TO DRAWINGS A2.1.0 - A2.2.0

1	CELL PHONE LOCKER
2	MAGNETOMETER
3	X-RAY MACHINE
4	TURNSTILE
5	ACCESSIBLE TURNSTILE
6	FLAT PANEL DISPLAY MONITOR NIC. PROVIDE ADDITIONAL 20 GA STL STUDS IN WALL FOR SUPPORT OF MONITOR.
7	CLOSET SHELF WITH COAT ROD - REF A8 SERIES FOR DETAIL
9	MOP & BROOM HOLDER W/ SHELF. REFER TO TOILET ACCESSORY SCHEDULE ON A7.1.1
10	RECESSED DEAL TRAY
11	PARTITION CLOSURE MULLION. REFER TO DETAIL 24/A3.2.2
12	SPECIMEN PASS THROUGH CABINET
13	LADDER TO ROOF HATCH ABOVE
14	AUTOMATIC DOOR OPENER PUSH PLATE
15	AUTOMATIC DOOR OPENER PUSH PLATE ON PEDESTAL
16	PLANTER WALL. REFER TO 3/A5.2.1



SECOND FLOOR

1/8" = 1'-0"

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3/1/2024
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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

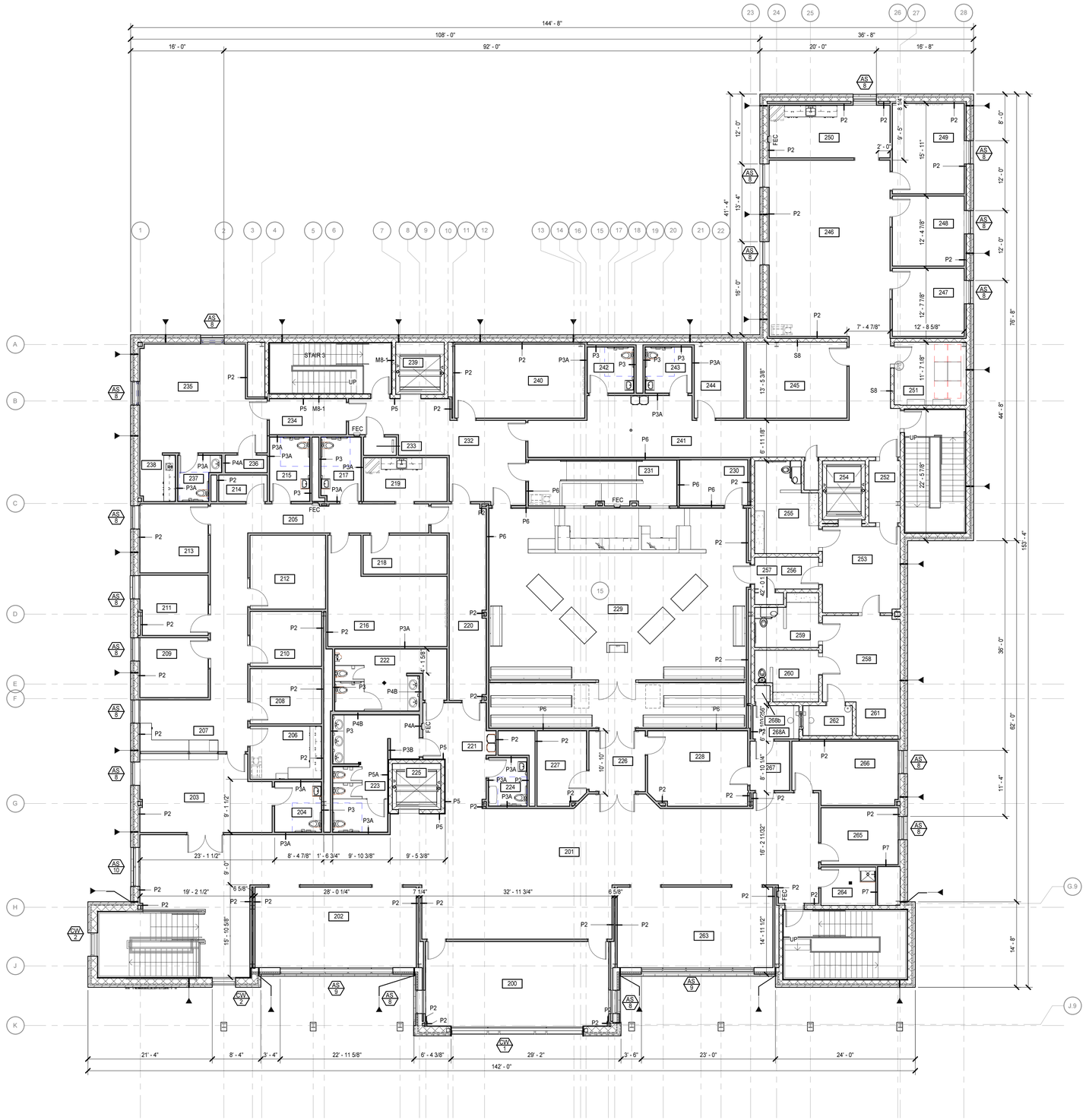
REVISIONS

DATE	DESCRIPTION

SECOND FLOOR PLAN

A2.2.0

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SECOND FLOOR DIMENSION PLAN

1/8" = 1'-0"

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CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

SECOND FLOOR DIMENSION PLAN

A2.2.1

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FINISH SCHEDULE

NUMBER	NAME	FLOOR	BASE	WALLS				WAINSCOT	CEILING	NOTES
				NORTH	EAST	SOUTH	WEST			
100	VEST	C-TILE-C	RB	PT	PT	PT	PT		GB PT	
101	LOBBY	TERR-E	TERR-E	VWC/PT	VWC/PT	VWC/PT	VWC/PT		GB PT/ACP-B	
102	SECURITY DESK	TERR-E	TERR-E	PT	PT	PT	PT		GB PT	
103	WAITING	TERR-E	TERR-E	VWC	VWC	VWC	VWC		WCP/ GB PT	
104	VISITOR WAITING	TERR-E	TERR-E	PT	PT	PT	PT		ACP	
105	DOC REVIEW	LVT	RB	PT	PT	PT	PT		ACP	
106	CUSTOMER SERVICE COUNTER	C-TILE-A	RB	PT	PT	PT	PT		ACP	
107	FILES	LVT	RB	PT	PT	PT	PT		ACP	
108	OPEN OFFICE	C-TILE-A	RB	PT	PT	PT	PT		ACP	
109	J&DR CLERK	CTILE-A	RB	PT	PT	PT	PT		ACP	
110	CONFERENCE	C-TILE-A	RB	PT	PT	PT	PT		ACP	
111	STORAGE	LVT	RB	PT	PT	PT	PT		ACP	
112	SECURE STORAGE	LVT	RB	PT	PT	PT	PT		ACP	
113	WORKROOM	LVT	RB	PT	PT	PT	PT		ACP	
114	STAFF TLT	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
115	STAFF TLT	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
116	KITCHENETTE	LVT	RB	PT	PT	PT	PT		ACP	
117	INACTIVE FILES	LVT	RB	PT	PT	PT	PT		ACP	
119	ELEVATOR	P-TILE	-	PT	PT	PT	PT		-	
120	CORR	TERR-E	TERR-E	PT	PT	PT	PT		ACP	
121	FAMILY TLT	PTILE-A / PTILE-B	P-TILE-A	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
122	WOMEN'S TOILET	P-TILE	GWT	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
123	MEN'S TOILET	P-TILE	GWT	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
124	CORR	LVT	RB	PT	PT	PT	PT		ACP	
125	CORR	LVT	RB	PT	PT	PT	PT		ACP	
126	WELLNESS ROOM	LVT	RB	PT	PT	PT	PT		ACP	
127	SHARED BREAK	LVT	RB	PT	PT	PT	PT		ACP	
128	JUDGE CHAMBER	C-TILE-A	WD	PT	PT	PT	PT		ACP	
128b	COFFEE	C-TILE	WD	PT	PT	PT	PT		ACP	
129	CLOSET	C-TILE-A	WD	PT	PT	PT	PT		ACP	
130	TOILET	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
131	STAFF ELEV	P-TILE X	RB	PT	PT	PT	PT		ACP	
132	MECH	CONC	RB	PT	PT	PT	PT		EXPC	
133	CORRIDOR	LVT	RB	PT	PT	PT	PT		ACP	
134	MAIN ELEC	CONC	RB	PT	PT	PT	PT		EXPC	
135	ELEC	CONC	RB	PT	PT	PT	PT		EXPC	
136	MDF	CONC	RB	PT	PT	PT	PT		EXPC	
137	RAMP	C-TILE-B	RB	PT	PT	PT	PT		ACP	
138	J&DR COURTROOM	C-TILE-B	WD	WD PNL/PT	AWP/PT	AWP/PT	AWP/PT	WD	GB PT/ACP-C	
139	A/V	LVT	RB	PT	PT	PT	PT		EXPC	
140	VEST	C-TILE-B	RB	PT	PT	PT	PT		ACP	
141	ATTNY/WITNESS	C-TILE-B	RB	PT	PT	PT	PT		ACP	
142	ATTNY/WITNESS/REMOTE	C-TILE-B	RB	PT	PT	PT	PT		ACP	
143	WAITING	TERR-E	TERR-E	VWC	VWC	VWC	VWC		WCP/ GB PT	
144	JAN	CONC	RB	PTILE	PTILE	PT	PT		EXPC	
145	BLUE RIDGE COURT SRVCS	C-TILE-A	RB	PT	PT	PT	PT		ACP	
146	COMM ATTNY	C-TILE-A	RB	PT	PT	PT	PT		ACP	
147	CORR	C-TILE-B	RB	PT	PT	PT	PT		ACP	
148	INV	C-TILE	RB	PT	PT	PT	PT		ACP	
149	SALLY PORT	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PNL	
150	COUNTER	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		ACP	
151	INV	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PLK	
152	HOLDING	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		ACP	
153	CHASE	CONC	--	--	--	--	--			
154	HOLDING	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PNL	
155	CHASE	CONC	--	--	--	--	--			
156	SECURE CORR	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PNL	
157	SALLY PORT	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PLK	
158	HOLDING	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PLK	
159	CHASE	CONC	--	--	--	--	--			
160	SECURE ELEVATOR	P-TILE X	RB	PT	PT	PT	PT		ACP	
161	SALLY PORT	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PNL	
163	SALLY PORT	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PNL	
164	CONTROL ROOM	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		ACP	
165	STAFF TOILET	CONC	RB	EPX PT	EPX PT	EPX PT	EPX PT		GB PT	
166	HOLD TOILET	CONC	RB	PT	PT	PT	PT		ACP	
167	CHASE	CONC	-	-	-	-	-			
168	VEHICLE SALLY PORT	CONC-LH	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		EXPC	

FINISH SCHEDULE

NUMBER	NAME	FLOOR	BASE	WALLS				WAINSCOT	CEILING	NOTES
				NORTH	EAST	SOUTH	WEST			
169	SECURITY ELECTRONICS	LVT	RB	PT	PT	PT	PT		ACP	
200	CONFERENCE ROOM	C-TILE-B	RB	PT	PT	PT	PT		ACP	
201	LOBBY	TERR-E	TERR-E	VWC/PT	VWC/PT	VWC/PT	VWC/PT		GB PT/ACP	
202	WAITING	TERR-E	TERR-E	PT	PT	PT	PT		GB PT/ACP-B	
203	VISITOR WAITING	TERR-E	TERR-E	PT	PT	PT	PT		ACP	
204	CUSTOMER TLT	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
205	CORRIDOR	C-TILE	RB	PT	PT	PT	PT		ACP	
206	WORKROOM	LVT	RB	PT	PT	PT	PT		ACP	
207	OFFICE SPECIALIST	C-TILE	RB	PT	PT	PT	PT		ACP	
208	FILES	LVT	RB	PT	PT	PT	PT		ACP	
209	PROBATION OFFICER	C-TILE	RB	PT	PT	PT	PT		ACP	
210	INTERN	C-TILE	RB	PT	PT	PT	PT		ACP	
211	SUPERVISOR	C-TILE	RB	PT	PT	PT	PT		ACP	
212	INTAKE OFFICER	C-TILE	RB	PT	PT	PT	PT		ACP	
213	DIRECTOR	C-TILE	RB	PT	PT	PT	PT		ACP	
214	SERVER ROOM	LVT	RB	PT	PT	PT	PT		ACP	
215	STAFF TLT	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
216	CONFERENCE ROOM	C-TILE	RB	PT	PT	PT	PT		ACP	
217	STAFF TLT	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
218	ELEC	C-TILE	RB	PT	PT	PT	PT		ACP	
219	KITCHENETTE	LVT	RB	PT	PT	PT	PT		ACP	
220	CORRIDOR	LVT	RB	PT	PT	PT	PT		ACP	
221	CORR	TERR-E	TERR-E	VWC	VWC	VWC	VWC		ACP	
222	MEN'S TOILET	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
223	WOMEN'S TOILET	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
224	FAMILY TLT	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE	P-TILE		GB PT	
225	ELEVATOR	P-TILE	RB	PT	PT	PT	PT		ACP	
226	VEST	C-TILE	RB	PT	PT	PT	PT		ACP	
227	ATTNY/WITNESS	C-TILE	RB	PT	PT	PT	PT		ACP	
228	ATTNY/WITNESS/REMOTE	C-TILE	RB	PT	PT	PT	PT		ACP	
229	JUVENILE AND DOMESTIC RELATIONS COURTROOM	C-TILE-B	WD	WD PNL/PT	AWP/PT	AWP/PT	AWP/PT	WD	GB PT/ACP-C	
230	A/V	LVT	RB	PT	PT	PT	PT		EXPC	
231	RAMP	C-TILE-B	RB	PT	PT	PT	PT		ACP	
232	CORRIDOR	LVT	RB	PT	PT	PT	PT		ACP	
233	ROOF ACCESS	CONC	RB	PT	PT	PT	PT		EXPC	
234	CORRIDOR	C-TILE	RB	PT	PT	PT	PT		ACP	
235	JUDGES CHAMBER	C-TILE-A	WD	PT	PT	PT	PT		ACP	
236	CLOSET	C-TILE-A	WD	PT	PT	PT	PT		GB PT	
237	TLT	P-TILE	GWT	GWT	GWT	GWT	GWT		GB PT	
237b	CLOSET	CONC	EPX PT	-	-	-	-		ACP	
238	COFFEE	C-TILE-A	WD	PT	PT	PT	PT		ACP	
239	STAFF ELEVATOR	P-TILE	RB	-	-	-	-		ACP	
240	CONFERENCE	C-TILE-B	RB	PT	PT	PT	PT		ACP	
241	CORRIDOR	LVT	RB	PT	PT	PT	PT		ACP	
242	STAFF TLT	P-TILE	GWT	GWT	GWT	GWT	GWT		GB PT	
243	STAFF TLT	P-TILE	GWT	GWT	GWT	GWT	GWT		GB PT	
244	IDF	LVT	RB	PT	PT	PT	PT		EXPC	
245	SECURE STORAGE	LVT	RB	PT	PT	PT	PT		ACP	
246	OPEN OFFICE	C-TILE	RB	PT	PT	PT	PT		ACP	
247	DEPUTY SHERIFF SERGEANT	C-TILE	RB	PT	PT	PT	PT		ACP	
248	CHIEF DEPUTY SHERIFF	C-TILE	RB	PT	PT	PT	PT		ACP	
249	CONFERENCE ROOM	C-TILE	PT	PT	PT	PT	PT		ACP	
250	KITCHENETTE	LVT	RB	PT	PT	PT	PT		ACP	
251	SECURITY ELECTRONICS	LVT	RB	PT	PT	PT	PT		ACP	
252	SALLYPORT	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PNL	
253	SECURE CORR	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PNL	
254	SECURE ELEVATOR	-	-	-	-	-	-			
255	HOLDING	CONC	EPX PT	PT	PT	PT	PT		SC-PLK	
256	SALLYPORT	CONC	EPX PT	PT	PT	PT	PT		SC-PLK	
257	CHASE	CONC	EPX PT						SC-PLK	
258	SALLYPORT	CONC	EPX PT	EPX PT	EPX PT	EPX PT	EPX PT		SC-PNL	
259	HOLDING	CONC	EPX PT	PT	PT	PT	PT		SC-PLK	
260	HOLDING	CONC	EPX PT	PT	PT	PT	PT		SC-PLK	
261	HOLDING BENCH	CONC	EXP PT	PT	PT	PT	PT		SC-PNL	
262	INV	CONC	EPX PT	PT	PT	PT	PT		SC-PLK	
263	WAITING	TERR-E	TERR-E	PT	PT	PT	PT		GB PT/ACP-B	
264	JAN	CONC	RB	PTILE	PTILE	PT	PT		EXPC	
265	MEDIATOR	C-TILE	RB	PT	PT	PT	PT		ACP	
266	PUBLIC DEFENDER/ATTORNEY	C-TILE	RB	PT	PT	PT	PT		ACP	
267	CORR	C-TILE	RB	PT	PT	PT	PT		ACP	
268A	INV	C-TILE	RB	PT	PT	PT	PT		ACP	

NOTE:

1. REFER TO COORDINATING ENLARGED PLANS FOR FLOOR PATTERNS.
2. REFER TO COORDINATING ELEVATIONS FOR WALL PATTERNS.

FINISH SCHEDULE GENERAL NOTES

A. FINISH SCHEDULE DESCRIBES ONLY THE BASIC OR PREDOMINANT SURFACE FINISH.

B. PROVIDE SAME FINISHES AS THE ADJACENT SPACE IN ALCOVES AND CONTINUOUS SPACES WITHOUT DESIGNATED SPACE NUMBERS.

C. CASEWORK FINISHES ARE NOT NOTED IN THE FINISH SCHEDULE. REFER TO CASEWORK ELEVATIONS AND SPECIFICATIONS FOR MATERIALS AND FINISHES.

D. DIRECTIONAL WALL FINISH INDICATORS (NORTH, EAST, SOUTH, WEST) REFER TO THE "PLAN" NORTH ORIENTATION.

E. BULKHEADS AND SOFFITS MAY NOT BE INDICATED IN FINISH SCHEDULES. REFER TO RCP DETAILS, AND OTHER DOCUMENTS FOR EXTENT.

F. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR SLAB-ON-GRADE AND VERTICAL ELEMENT WHERE JOINT IS NOT CONCEALED BY FINISH BASE OR OTHER CONSTRUCTION

G. REFER TO SPECIFICATIONS FOR INFORMATION ON FINISH FIRE CLASSIFICATION RATING..

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PROJECT NO: 630874
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REVISIONS

DATE	DESCRIPTION

FINISH SCHEDULE

A3.0

3/1/2024 9:36:52 AM

FINISH PLAN LEGEND

NAME
NUMBER
Floor Finish
Base Finish
Wall Finish
Ceiling Finish
Wainscot
— FINISH PLAN TAG
— IF SHOWN

C-TILE-1 — WALL FINISH EXTENTS

QT-3 QT-1 — FLOOR FINISH TRANSITION, CHANGE OF MATERIAL

PREDOMINATE WALL FINISH; REFER TO A3.0.1 AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.

FLOOR PATTERN LEGEND

CONC-LH
TERR
LVT
CTILE-A/B/C
PTILE-A
RST/RSR
PTILE-B

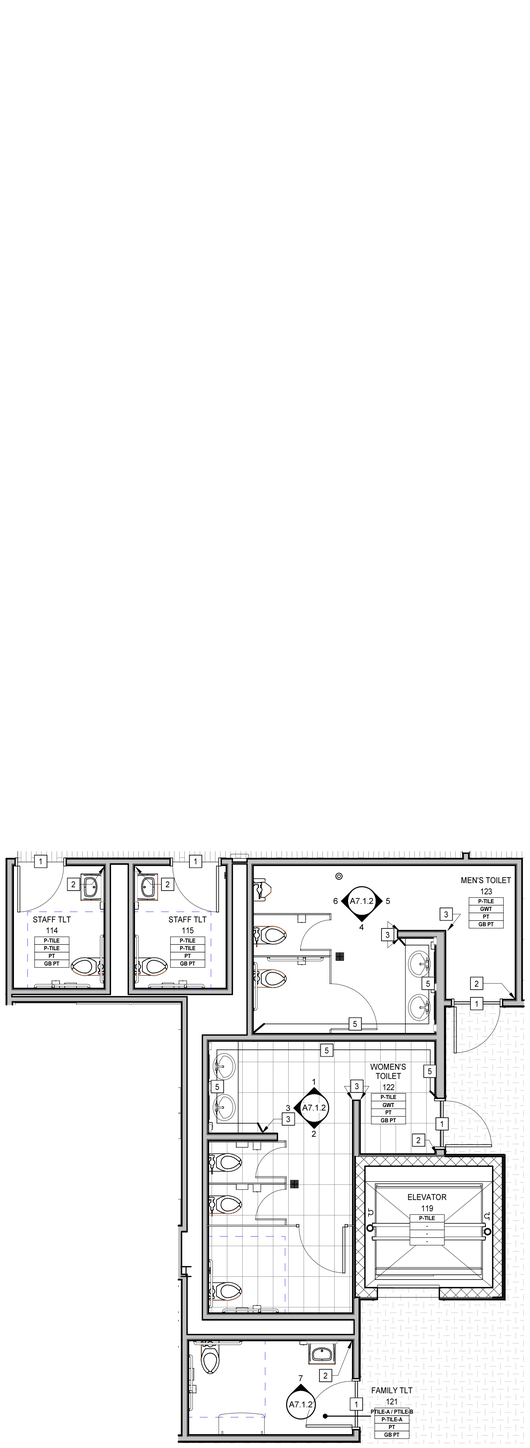
NOTE:
REFER TO FINISH SCHEDULE FOR SPECIFIC FINISH LOCATION TYPES "A" "B" "C" ETC.

FINISH PLAN KEYNOTES

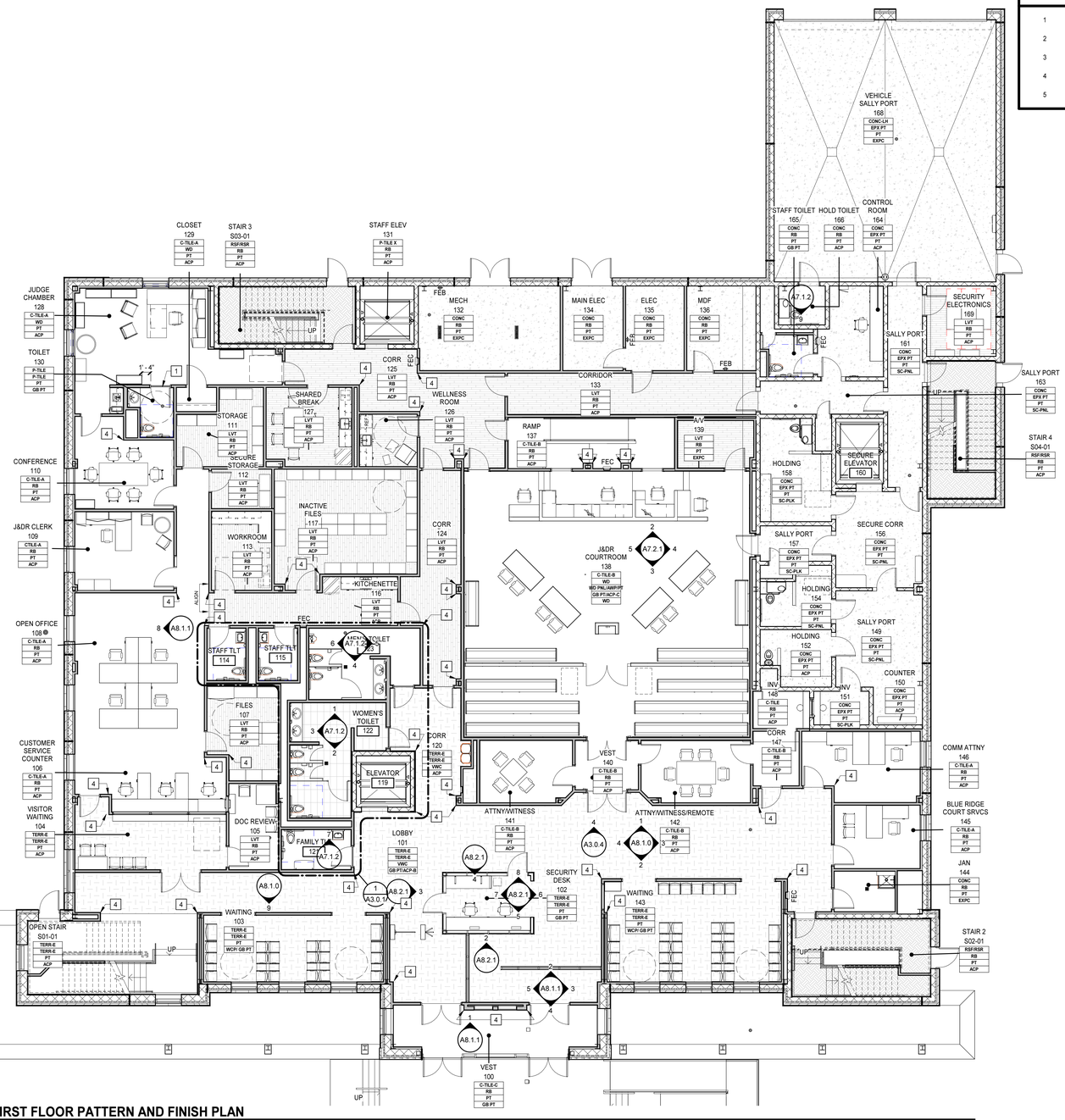
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APPLIES TO DRAWINGS A3.0.1 - A3.0.n

1	STONE THRESHOLD
2	FULL TILE INSTALL START POINT
3	FULL HEIGHT TILE METAL CORNER GUARD
4	FULL HEIGHT PVC CORNER GUARD
5	ACCENT WALL TILE. REFERENCE COORDINATING ELEVATIONS ON A7 SERIES



1 A3.0.1 A3.0.1 **ENLARGED FIRST FLOOR PUBLIC RESTROOMS**
1/4" = 1'-0"



N **FIRST FLOOR PATTERN AND FINISH PLAN**
1/8" = 1'-0"

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FIRST FLOOR PATTERN AND FINISH PLAN

A3.0.1

3/1/2024 9:37:00 AM

FINISH PLAN LEGEND

NAME
NUMBER
Floor Finish
Base Finish
Wall Finish
Ceiling Finish
Wainscot
→ FINISH PLAN TAG
→ IF SHOWN

C-TILE-1 — WALL FINISH EXTENTS

CT-1 | CT-1 — FLOOR FINISH TRANSITION, CHANGE OF MATERIAL

PREDOMINATE WALL FINISH; REFER TO A3.0.1 AND FINISH FLOOR PLANS FOR ADDITIONAL INFORMATION.

FLOOR PATTERN LEGEND

- CONC-LH
- LVT
- PTILE-A [PORCELAIN TILE]
- PTILE-B [PORCELAIN TILE]
- TERR
- CTILE-A/B/C [CARPET TILE]
- RST/RSR

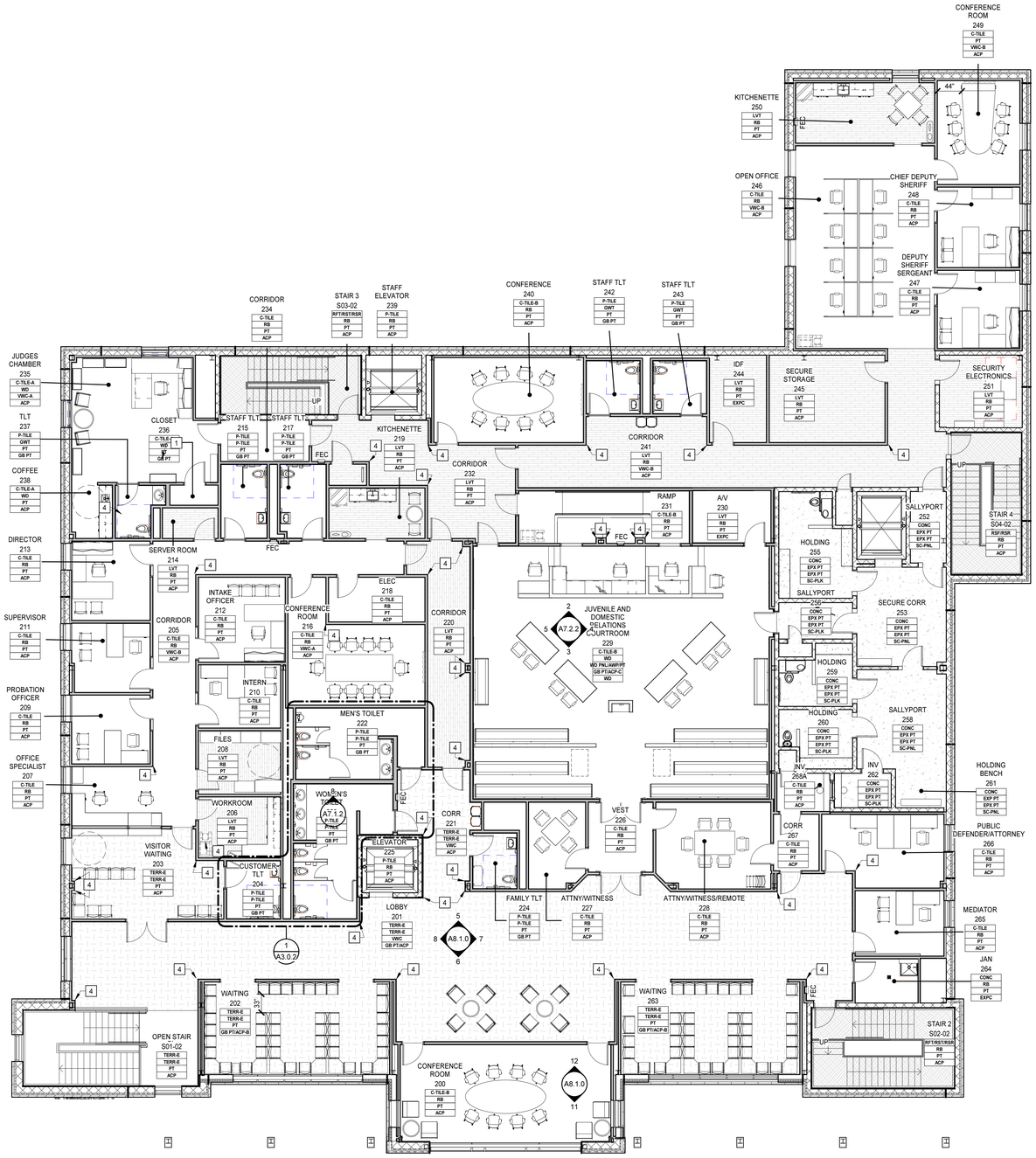
NOTE:
REFER TO FINISH SCHEDULE FOR SPECIFIC FINISH LOCATION TYPES "A" "B" "C" ETC.

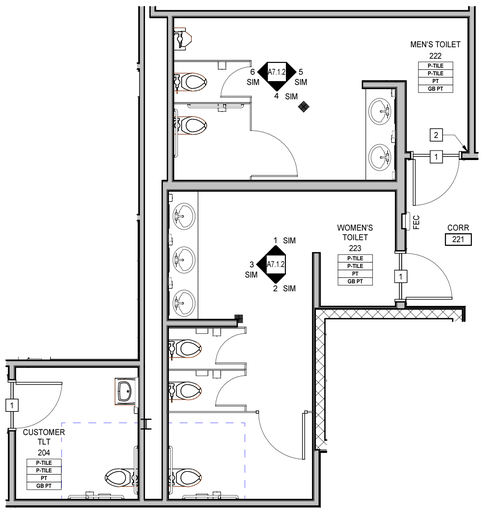
FINISH PLAN KEYNOTES

REPRESENTED BY n

APPLIES TO DRAWINGS A3.0.1 - A3.0.n

1	STONE THRESHOLD
2	FULL TILE INSTALL START POINT
3	FULL HEIGHT TILE METAL CORNER GUARD
4	FULL HEIGHT PVC CORNER GUARD
5	ACCENT WALL TILE, REFERENCE COORDINATING ELEVATIONS ON A7 SERIES





1 A3.0.2 A3.0.2 **ENLARGED SECOND FLOOR PUBLIC RESTROOMS**
1/4" = 1'-0"

N **SECOND FLOOR PATTERNS AND FINISH PLAN**
1/8" = 1'-0"

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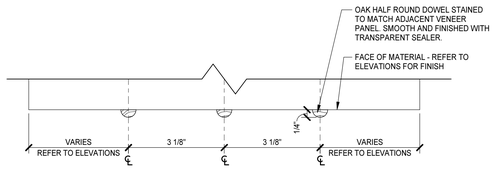
REVISIONS

DATE	DESCRIPTION

SECOND FLOOR PATTERN AND FINISH PLAN

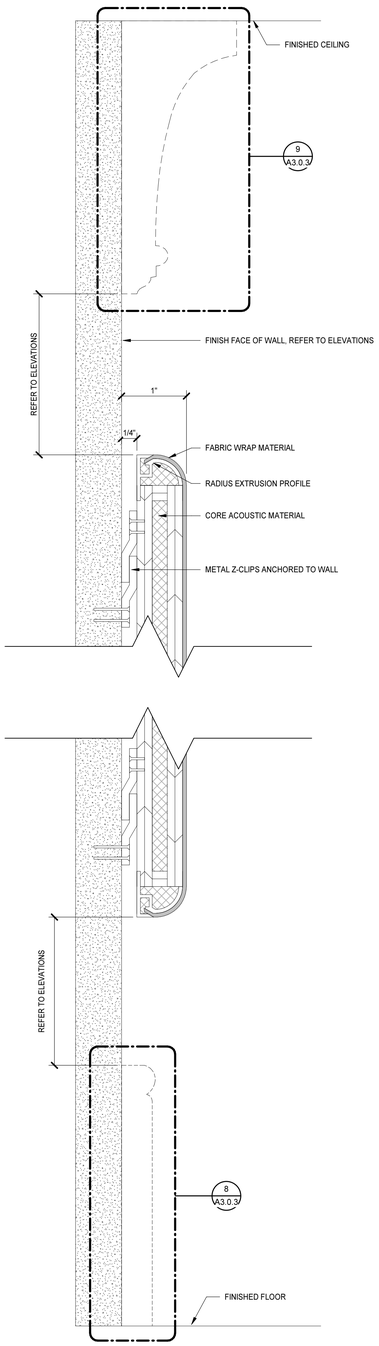
A3.0.2

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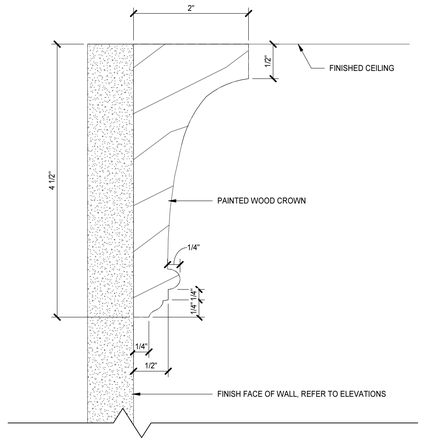
11 TYP A3.0.3 SECTION DETAIL - HALF ROUND COURTROOM PANEL TRIM

6" = 1'-0"



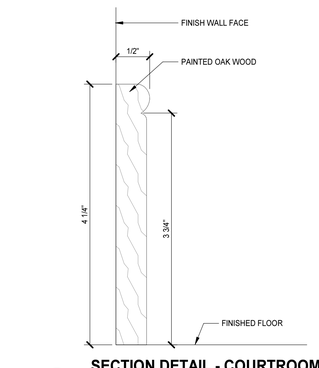
10 TYP A3.0.3 SECTION DETAIL - ACOUSTIC WALL PANEL

12" = 1'-0"



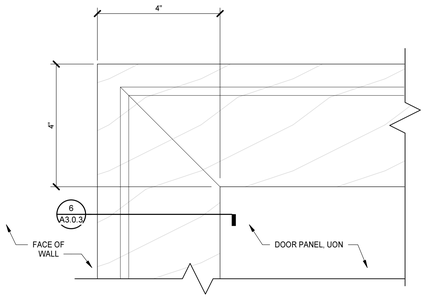
9 TYP A3.0.3 SECTION DETAIL - COURTROOM CROWN

12" = 1'-0"



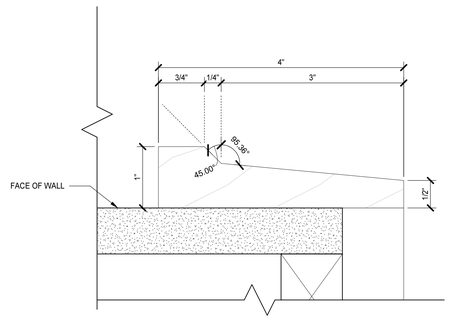
8 TYP A3.0.3 SECTION DETAIL - COURTROOM WOOD BASE

12" = 1'-0"



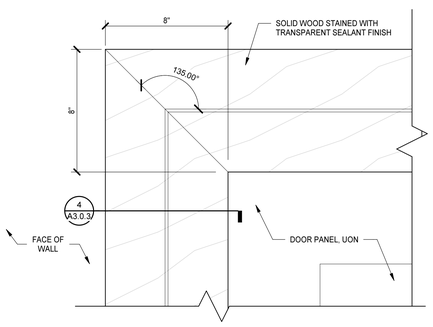
7 TYP A3.0.3 ELEVATION - PUBLIC DOOR TRIM

6" = 1'-0"



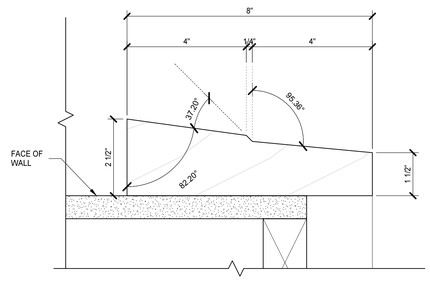
6 TYP A3.0.3 SECTION PLAN DETAIL - PUBLIC DOOR TRIM

12" = 1'-0"



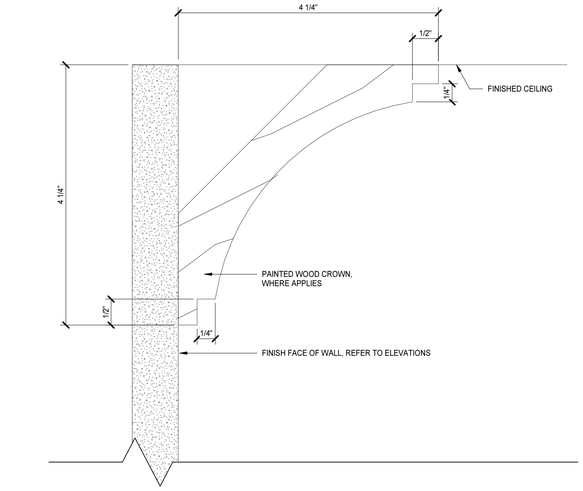
5 TYP A3.0.3 ELEVATION - COURTROOM DOOR TRIM

3" = 1'-0"



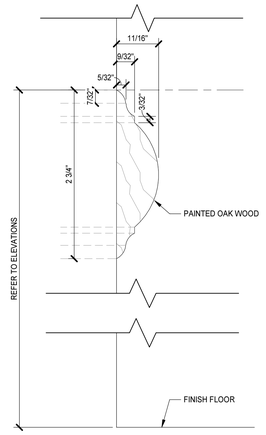
4 TYP A3.0.3 SECTION PLAN DETAIL - COURTROOM DOOR TRIM

6" = 1'-0"



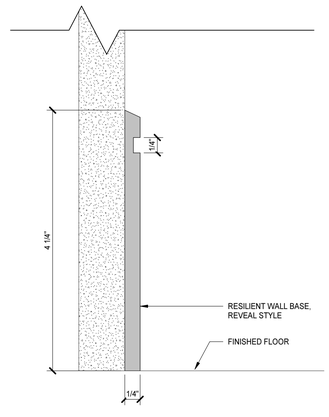
3 TYP A3.0.3 SECTION DETAIL - TYPICAL CROWN

12" = 1'-0"



2 TYP A3.0.3 SECTION DETAIL - TYPICAL CHAIR RAIL

12" = 1'-0"



1 TYP A3.0.3 SECTION DETAIL - RESILIENT WALL BASE

12" = 1'-0"

MOSELEYARCHITECTS
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ANTHONY J. BELL III
Lic. No. 009147
3/1/2024
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2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

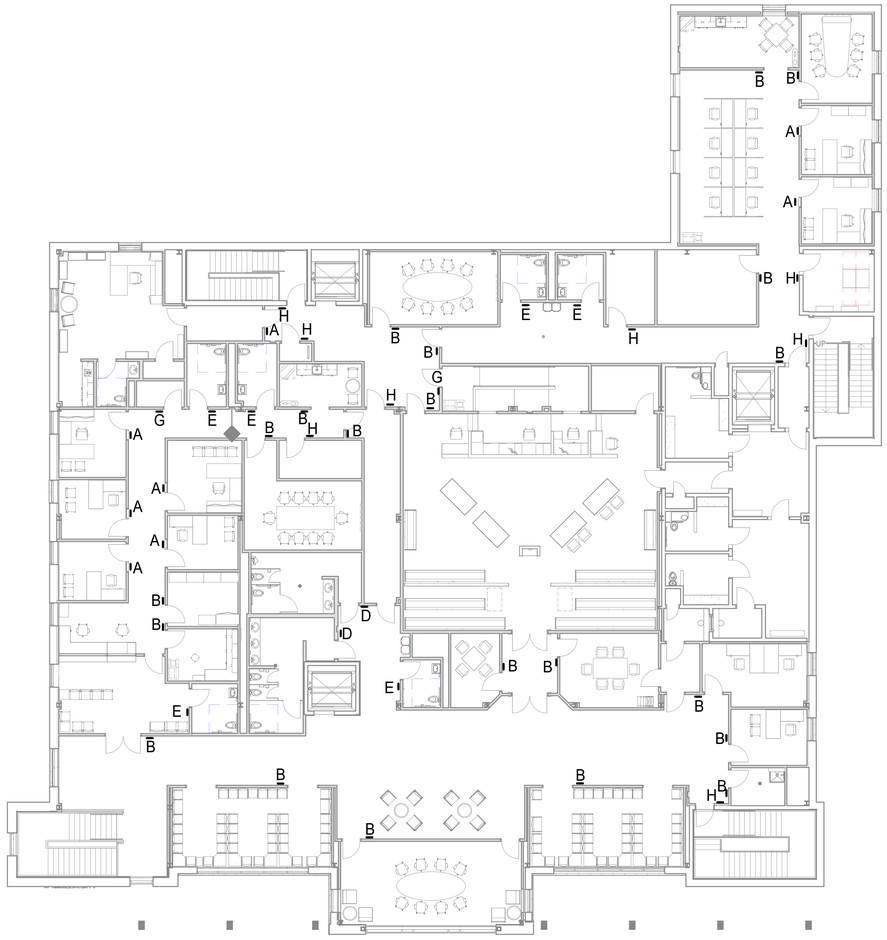
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

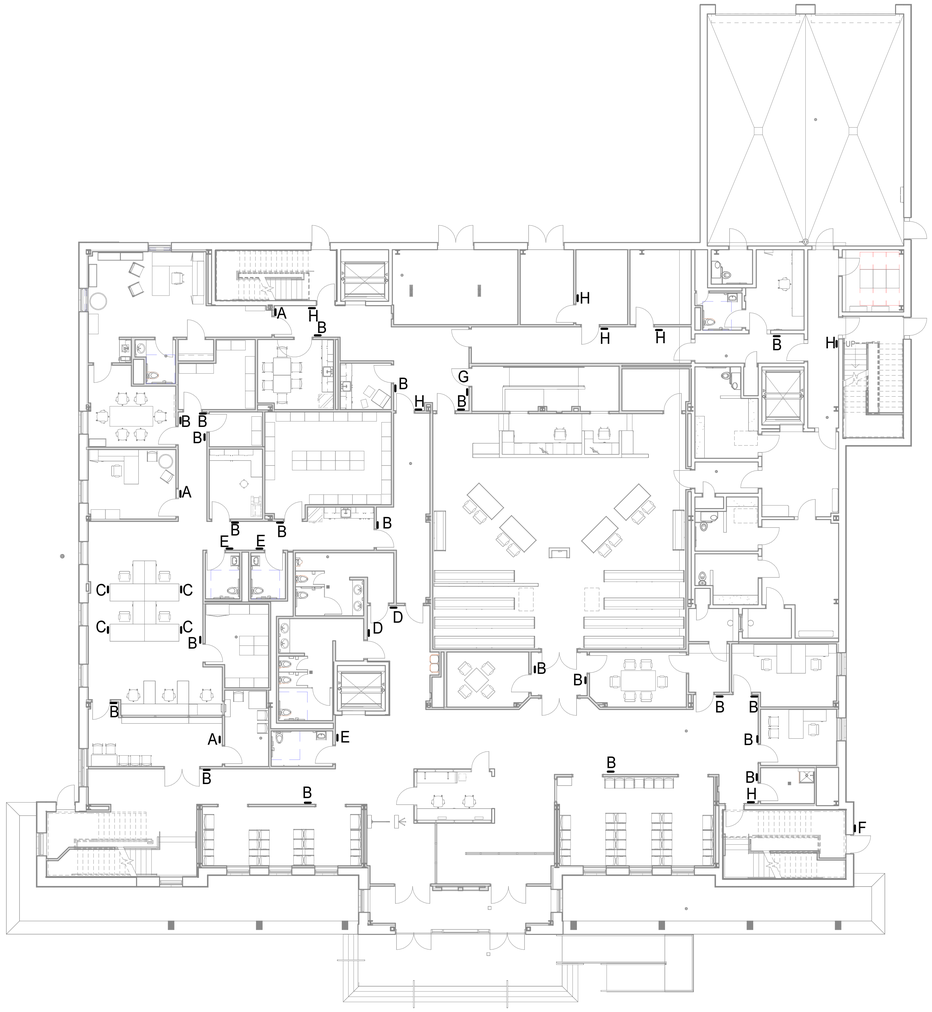
WOOD TRIM DETAILS

A3.0.3

3/1/2024 9:37:10 AM



SECOND FLOOR - SIGNAGE PLAN
3/32" = 1'-0"



FIRST FLOOR - SIGNAGE PLAN
3/32" = 1'-0"

SIGNAGE KEYNOTES

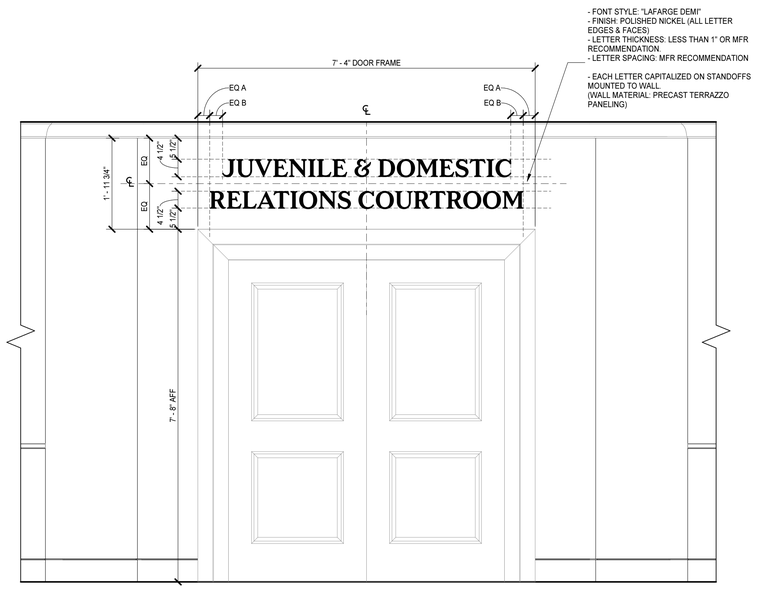
REPRESENTED BY n

APPLIES TO DRAWINGS A3.0.4

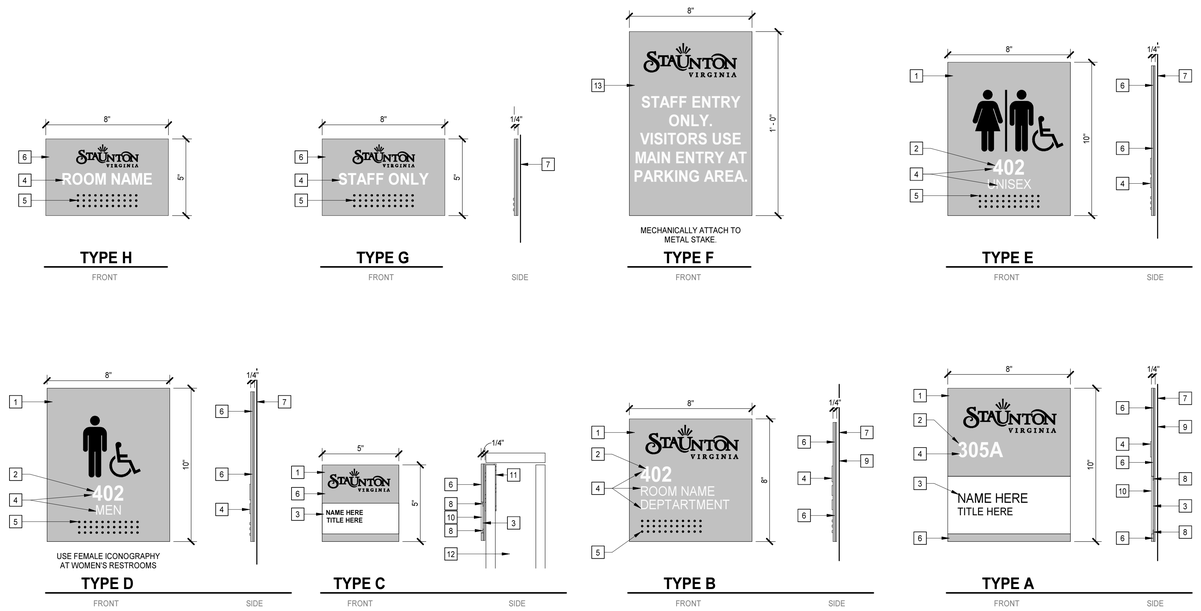
1	DEPARTMENT COLOR VARIES.
2	ROOM NUMBER VARIES.
3	PAPER NAME INSERT. CONTRACTOR WILL FURNISH AND INSTALL PAPER INSERTS. OWNER WILL PROVIDE INFORMATION TO PRINT ON INSERTS. THE CONTRACTOR SHALL PROVIDE A MICROSOFT WORD TEMPLATE FILE.
4	RAISED CHARACTERS TO MEET ADA GUIDELINES.
5	GRADE II BRAILLE TO MEET ADA GUIDELINES; BRAILLE SHALL BE CLEAR, RATHER THAN PAINTED.
6	ACRYLIC SIGN PANEL WITH POLISHED EDGES.
7	APPLY VHB (VERY HIGH BOND) DOUBLE-SIDED TAPE TO BACK OF SIGN AS REQUIRED. OFFSET 1/8" FROM EDGE SO THAT TAPE WILL NOT BE EXPOSED.
8	INSERT SLOT SPACER WITH POLISHED EDGES, 1/16" THICK.
9	WHERE SIGN IS APPLIED TO GLASS, PROVIDE MASKING VINYL.
10	ACRYLIC COVER WITH POLISHED EDGES, 3/32" THICK.
11	ALUMINUM SIGN MOUNTING CLIP, 1/16" THICK. COORDINATED DETAILED DIMENSIONS WITH SYSTEMS FURNITURE MANUFACTURER.
12	SCHEDULE SYSTEMS FURNITURE SHOWN FOR SIGNAGE POSITIONING ONLY.
13	CUSTOM PRINTED SIGNAGE ON ALUMINUM.

SIGNAGE GENERAL NOTES

A. SUBMITTAL OF MOCKUP SAMPLES ARE REQUIRED FOR APPROVAL PRIOR TO FABRICATION. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION.



TYPICAL COURTROOM ELEVATION
3/4" = 1'-0"



SIGNAGE TYPES
3" = 1'-0"

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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

SIGNAGE

A3.0.4

3/1/2024 9:37:16 AM

DOOR SCHEDULE

NUMBER	DOOR TYPE	SIZE (NOMINAL)	DOOR MATL	DOOR LOUVER	DOOR UC	DOOR GLAZING TYPE	FRAME TYPE	FRAME NUMBER	FRAME SECTIONS	FRAME HEAD DETAIL	FRAME JAMB DETAIL	FRAME JAMB DETAIL	FRAME SILL DETAIL	FIRE RATING	NOTES
01-01	N	3' - 0" x 7' - 0" x 1 3/4"	STL	--	--	2	STL	2	A	5	4	4		--	
02-01A	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	6	STL	2	A	34	34	34		45 MIN	
02-01B	N	3' - 0" x 7' - 0" x 1 3/4"	STL	--	--	2	STL	2	A	5	4	4		--	
02-02	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	6	STL	2	A	34	34	34		45 MIN	
03-01A	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	6	STL	2	A	1	1	1		45 MIN	
03-01B	N	3' - 0" x 7' - 0" x 1 3/4"	STL	--	--	2	STL	2	A	5	4	4		--	
03-02	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	6	STL	2	A	1	1	1		45 MIN	
100A	FG2	PR 3' - 0" x 8' - 0" x 2"	ALUM	--	--	2	CW	1	--	9B	10	10		--	
100B	FG2	PR 3' - 0" x 8' - 0" x 2"	ALUM	--	--	2	CW	1	--	9B	10	10		--	
101A	FG2	PR 3' - 0" x 8' - 0" x 2"	ALUM	--	--	1	AS	3	--	26	27	27		--	
101B	FG2	PR 3' - 0" x 8' - 0" x 2"	ALUM	--	--	1	AS	3	--	26	27	27		--	
102A	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	SW	4	A	41	40	40			1
102B	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	SW	3	A	41	40	40			1
103A	--	5' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C	38	38	38		--	
103B	--	5' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C	38	38	38		--	
104	FG	PR 3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	36	36	36		--	
105	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	35	35	35		--	
106	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	35	35	35		--	
107	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
109	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	3	A	1	1	1		--	
110A	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
110B	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
111	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
112	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	
113	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	1	1	1		--	
114	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	
115	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	
116	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	1	1	1		--	
117	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
120	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
121	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	43 SIM	42 SIM	42 SIM		--	
122	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	43	42	42		--	
123	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	43 SIM	42 SIM	42 SIM		--	
124	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	1	1	1		--	
125	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
126	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
127	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	1	1	1		--	
128	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
129	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
130	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	
132B	F	PR 3' - 0" x 7' - 0" x 1 3/4"	STL	--	--	--	STL	2	A	5	4	4		--	
133	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--		STL	1	A	1	1	1		--	
134	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
135A	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
135B	F	PR 3' - 0" x 7' - 0" x 1 3/4"	STL	--	--	--	STL	2	A	5	4	4			
136	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
137	F	2' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
137A	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
137B	--	3' - 0" x 7' - 8" x 0"	--	--	--	--	STL	1	C					--	
137C	--	3' - 0" x 7' - 8" x 0"	--	--	--	--	STL	1	C					--	
138	FG	PR 3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	37	37	37		--	
139	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
140	RP2	PR 3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
141	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
142A	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
142B	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
143A	--	5' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C	38	38	38		--	
143B	--	5' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C	38	38	38		--	
144	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
145	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
146	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
147	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
148	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
153	F	2' - 0" x 7' - 0" x 1 3/4"	STL	--	--	--	STL	2	A	1	1	1		--	
155	F	2' - 0" x 7' - 0" x 1 3/4"	STL	--	--	--	STL	2	A	1	1	1		--	
157	F	2' - 0" x 7' - 0" x 1 3/4"	STL	--	--	--	STL	2	A	1	1	1		--	
157A	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	2	A					--	
165	F	3' - 0" x 7' - 0" x 1 3/4"	STL	--	3/4"	--	STL	2	A	1	1	1		--	
168A	OH	14' - 0" x 12' - 0" x 2"	STL	--	--	--	STL	--	--	6	3	3		--	
168B	OH	14' - 0" x 12' - 0" x 2"	STL	--	--	--	STL	--	--	6	3	3		--	
200A	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
200B	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
202A	--	5' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C	38	38	38		--	
202B	--	5' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C	38	38	38		--	
203	FG	PR 3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	36	36	36		--	
204	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	

DOOR SCHEDULE

NUMBER	DOOR TYPE	SIZE (NOMINAL)	DOOR MATL	DOOR LOUVER	DOOR UC	DOOR GLAZING TYPE	FRAME TYPE	FRAME NUMBER	FRAME SECTIONS	FRAME HEAD DETAIL	FRAME JAMB DETAIL	FRAME JAMB DETAIL	FRAME SILL DETAIL	FIRE RATING	NOTES
205	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	35	35	35		--	
206	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	1	1	1		--	
208	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
209	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	3	A	1	1	1		--	
210	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	3	A	1	1	1		--	
211	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	3	A	1	1	1		--	
212	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	3	A	1	1	1		--	
213	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	3	A	1	1	1		--	
214	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	
215	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	
216	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
217	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	
218	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
219	--	3' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C	1	1	1		--	
220	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	1	1	1		--	
221	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
222	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
223	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
224	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	36	36	36		--	
226	RP2	PR 3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
227	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
228	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	36	36	36		--	
229	FG	PR 3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	37	37	37		--	
230	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
231A	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
231B	--	3' - 0" x 7' - 8" x 0"	--	--	--	--	STL	1	C					--	
231C	--	3' - 0" x 7' - 8" x 0"	--	--	--	--	STL	1	C					--	
232A	N	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	1	A	1	1	1		--	
232B	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
233	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
234	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
235	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
236	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
237	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
240	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
241	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
242	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	
243	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	3/4"	--	STL	1	A	1	1	1		--	
244	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
245	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
247	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	3	A	1	1	1		--	
248	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	1	STL	3	A	1	1	1		--	
249	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
250	--	4' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C	1	1	1		--	
255B	F	2' - 0" x 7' - 0" x 1 3/4"	STL	--	--	--	STL	2	A	1	1	1		--	
255E	--	5' - 7" x 7' - 0" x 0"							C						
256	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	2	A					--	
257	F	2' - 0" x 7' - 0" x 1 3/4"	STL	--	--	--	STL	2	A	1	1	1		--	
263A	--	5' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C					--	
263B	--	5' - 0" x 7' - 0" x 0"	--	--	--	--	STL	1	C					--	
264	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
265	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
266	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
267	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	
268	F	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A	1	1	1		--	
269	F	2' - 0" x 7' - 0" x 1 3/4"	STL	--	--	--	STL	2	A	1	1	1		--	
270	RP2	3' - 0" x 7' - 0" x 1 3/4"	WD	--	--	--	STL	1	A					--	

NOTE:

1. BALLISTIC-RESISTANT DOOR

GENERAL NOTES

A. UNLESS INDICATED OTHERWISE, ALL DETAIL NUMBERS IN THE DOOR AND FRAME SCHEDULE FOR HEAD, JAMB AND SILL CONDITIONS REFER TO DRAWINGS A3.2.1 - A3.2.3.

B. DOOR AND FRAME DETAILS INDICATE GENERAL CHARACTERISTICS OF DOOR AND FRAME SIZES AND COMPONENTS AND MAY NOT INDICATE EXACT FIELD CONDITIONS OR REQUIREMENTS. COORDINATE DETAILS WITH OTHER DRAWINGS AND SPECS TO DETERMINE ALL COMPONENTS (E.G., SEALANTS, ANCHORS, HARDWARE, LINTELS, CLIPS) REQUIRED FOR COMPLETE AND FUNCTIONAL INSTALLATION.

C. DOOR SWINGS ON FLOOR PLANS TAKE PRECEDENCE OVER SWINGS INDICATED ELSEWHERE (E.G., ELEVATIONS).

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3 | 1 | 2024
ARCHITECT

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS:

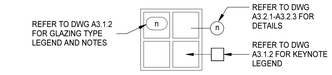
DATE	DESCRIPTION

DOOR AND FRAME SCHEDULE

A3.1.1

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GENERAL NOTES



A. PROVIDE MANUAL ROLLERSHADES AT ALL EXTERIOR WINDOWS UNO. REFER TO FRAME ELEVATIONS AND SPECIFICATION FOR ADDITIONAL INFORMATION.

GLAZING TYPES

REPRESENTED BY n

1. 1/4" CLEAR
2. 1" TINTED INSULATING
3. 1" SPANDREL PANEL
4. 1/2" LAMINATED
5. BALLISTIC-RESISTANT
6. FIRE-RATED

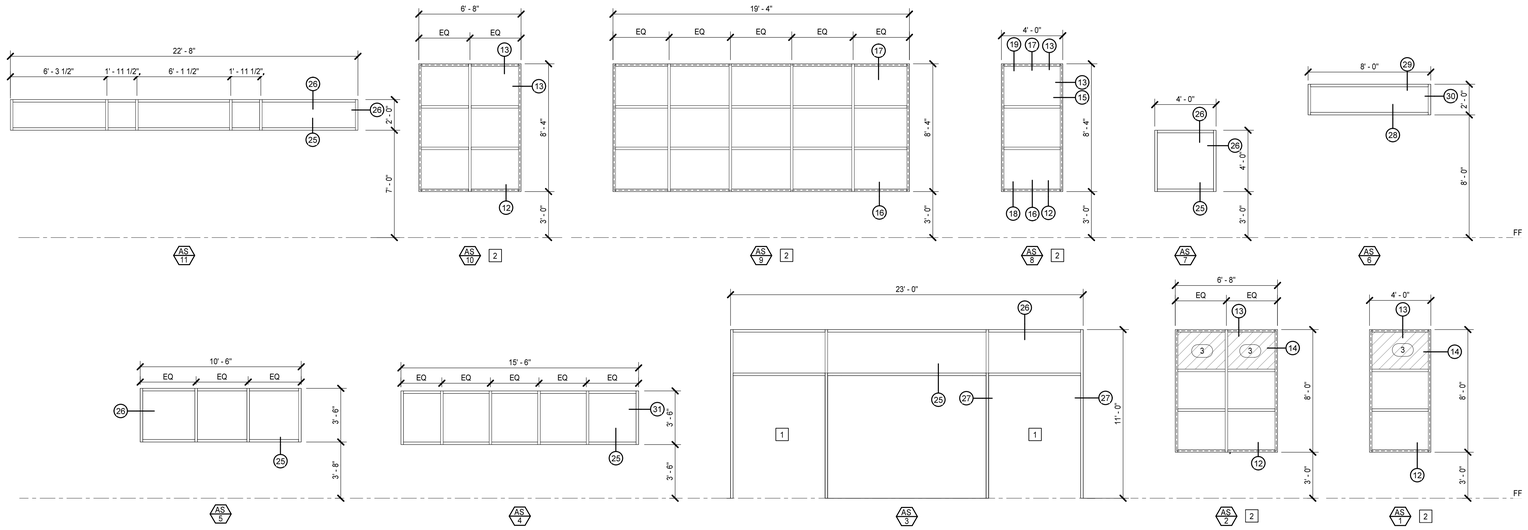
NOTES:
1. ALL GLAZING IN INTERIOR FRAMES SHALL BE TYPE 1, UNO
2. ALL GLAZING IN EXTERIOR FRAMES SHALL BE TYPE 2, UNO
3. GLAZE ALL OPENINGS IN FRAMES UNLESS SPECIFICALLY INDICATED OTHERWISE
4. ALL GLAZING SHALL BE SAFETY GLASS UNLESS INDICATED OTHERWISE

DOOR, FRAME AND GLAZING TYPE KEYNOTES

REPRESENTED BY n

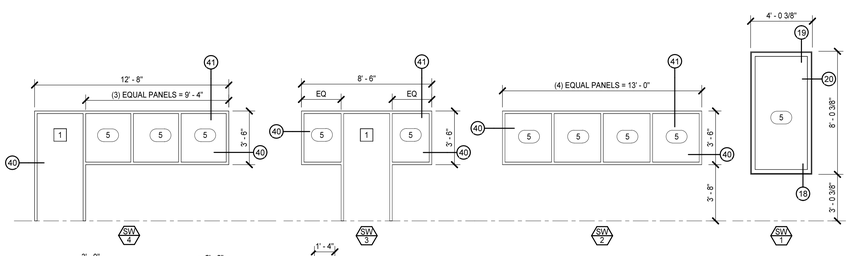
APPLIES TO DRAWING A3.1.2

1	SIZE AS REQUIRED TO ACCOMMODATE DOOR, HARDWARE AND FRAME COMPONENTS
2	PROVIDE ROLLER SHADES AS INDICATED BY DASHED LINES. FRAMES MAY REQUIRE MULTIPLE SHADES.



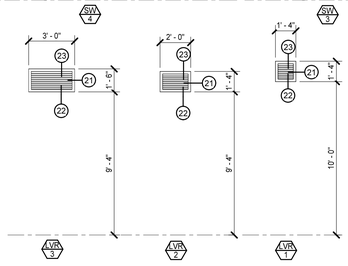
ALUMINUM STOREFRONT FRAME TYPES

1/4" = 1'-0"



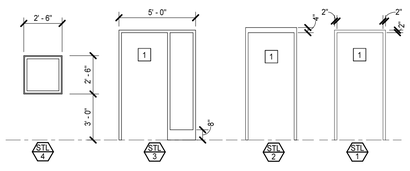
SECURITY WINDOW TYPES

1/4" = 1'-0"



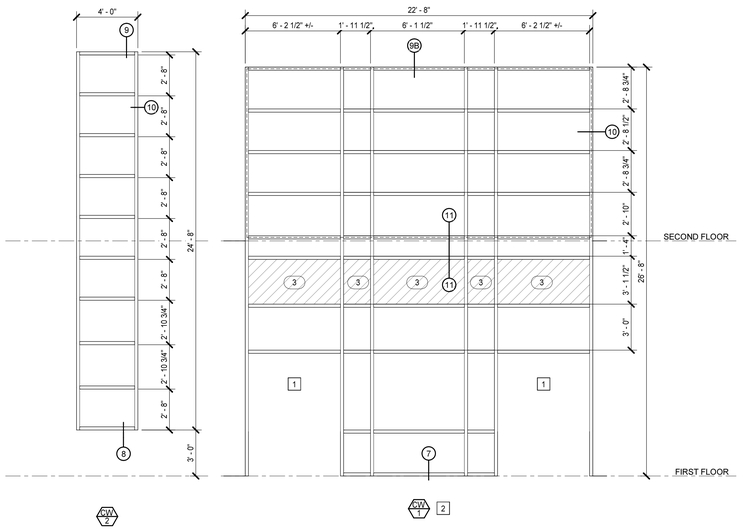
LOUVER TYPES

1/4" = 1'-0"



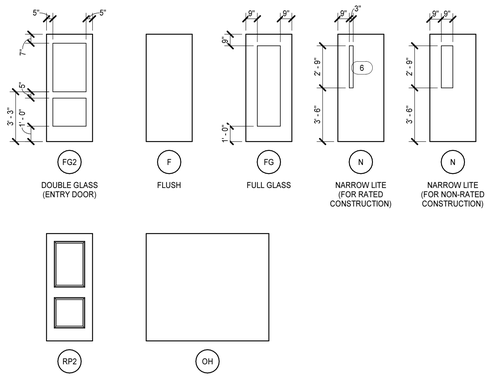
STEEL FRAME TYPES

1/4" = 1'-0"



ALUMINUM CURTAINWALL TYPES

1/4" = 1'-0"



DOOR TYPES

NO SCALE

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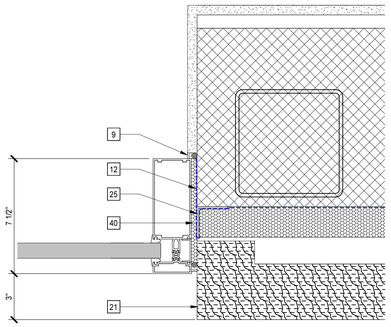
PROJECT NO: 630874
DATE: MARCH 1, 2024

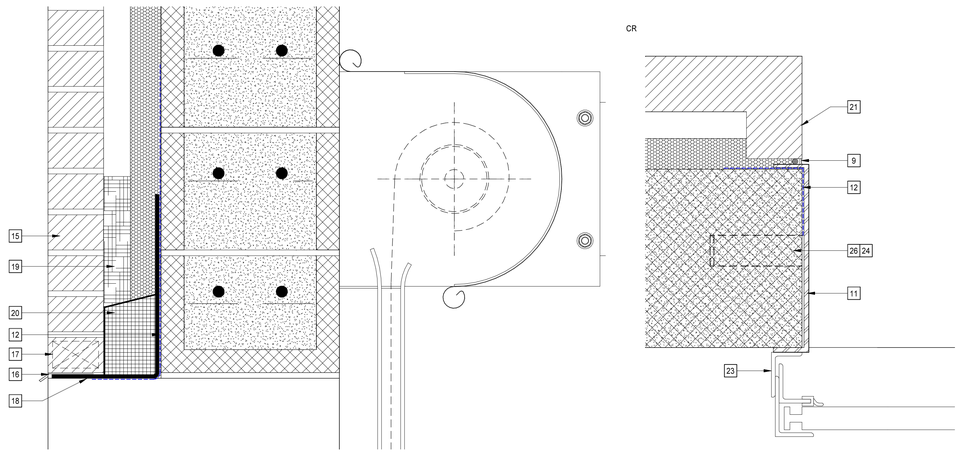
REVISIONS	
DATE	DESCRIPTION

DOOR, FRAME AND GLAZING TYPES

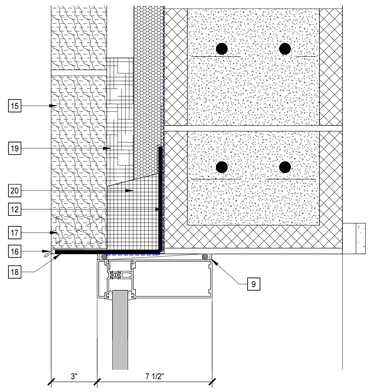
A3.1.2

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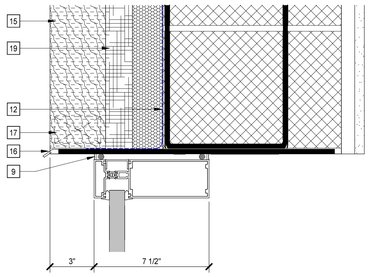




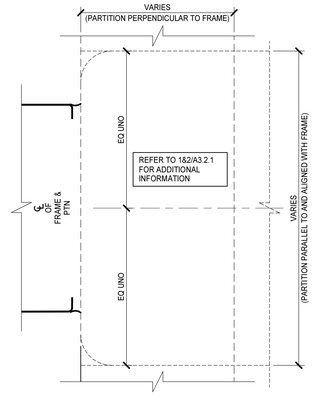
10 JAMB DETAIL
A3.1.2 A3.2.1 — 3" = 1'-0"



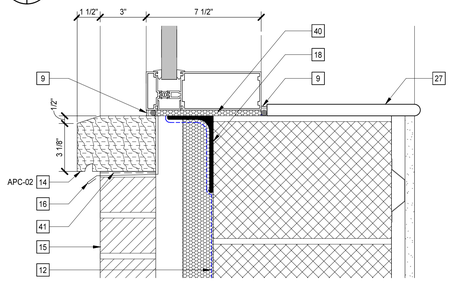
6 HEAD DETAIL
A5.1.3 A3.2.1 — 3" = 1'-0"



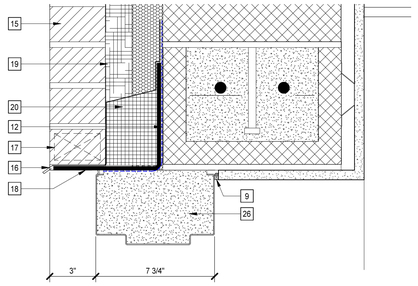
3 JAMB DETAIL
A3.2.1 — 3" = 1'-0"



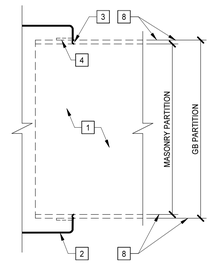
9 HEAD DETAIL
A3.1.2 A3.2.1 — 3" = 1'-0"



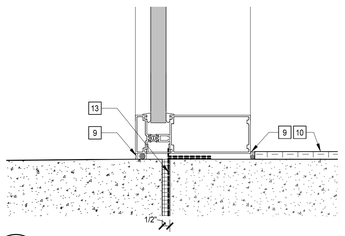
9B HEAD DETAIL
A3.1.2 A3.2.1 — 3" = 1'-0"



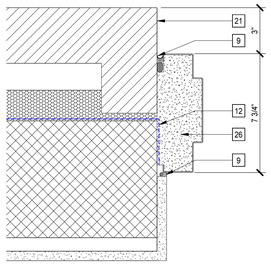
2 INTERIOR BETWEEN THE JAMB - BUTTED HEAD/JAMB/SILL
A3.2.1 — 6" = 1'-0"



8 SILL DETAIL
A3.1.2 A3.2.1 — 3" = 1'-0"



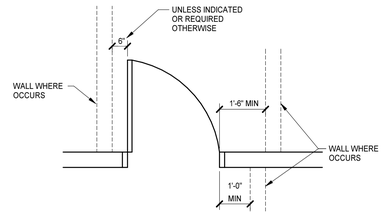
5 HEAD DETAIL
A5.1.2 A3.2.1 — 3" = 1'-0"



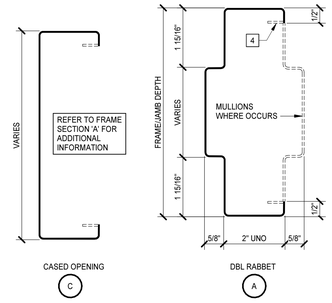
7 SILL DETAIL
A3.1.2 A3.2.1 — 3" = 1'-0"

4 JAMB DETAIL
A3.2.1 — 3" = 1'-0"

1 INTERIOR WRAP HEAD/JAMB/SILL
A3.2.1 — 6" = 1'-0"



MANEUVERING CLEARANCE AT DOORS
NO SCALE



1. ALL FRAME/JAMB DEPTHS, OTHER THAN WRAP CONDITIONS, SHALL BE 7 3/4", UNO.
2. ALL FRAME/JAMB DEPTHS AT WRAP CONDITIONS SHALL BE SIZED TO SUIT PARTITION.
3. DOORS, PANELS, GLAZING, STOPS, AND OTHER FRAME INFILLS ARE NOT SHOWN IN FRAME SECTIONS AS THEY VARY - PROVIDE SAME WHERE INDICATED.

STEEL FRAME SECTIONS
NO SCALE

DOOR AND FRAME DETAIL KEYNOTES
REPRESENTED BY n

APPLIES TO DRAWINGS A3.2.1 - A3.2.3

1	ANCHORAGES, REINFORCING, SPECIFIC PARTITION CONSTRUCTION AND/OR LINTELS ARE NOT SHOWN FOR CLARITY.
2	REFER TO FRAME SECTION IN DOOR SCHEDULE FOR TYPE.
3	SEALANT, ALL SIDES - TOOL TO 90°.
4	BACKBEND RETURN @ GB LOCATIONS ONLY.
5	9/16" @ MAS; 1/2" @ GB.
6	1/4" @ JAMBS, UNO; DIMENSION @ HEAD & SILL VARIES.
7	BULLNOSE @ CMU JAMBS & SILLS.
8	0" @ GB LOCATIONS; 1/16" @ MAS LOCATIONS.
9	SEALANT & BACKER ROD
10	FINISHED FLOOR
11	5/16" GALVANIZED BENT PLATE WITH 2" RETURNS
12	AIR BARRIER TRANSITION MEMBRANE
13	SHEET MEMBRANE WATERPROOFING
14	APC SHAPE; REFER TO A5.2.2 FOR SHAPES
15	MASONRY VENEER, TYPE VARIES, REFER TO WALL ASSEMBLY TYPES
16	THROUGH WALL METAL FLASHING W/ DRIP EDGE
17	WEEP
18	STEEL ANGLE, REFER TO STRUCTURAL
19	CAVITY DRAINAGE MATERIAL
20	RIGID INSULATION
21	RETURN MASONRY AT JAMBS
22	PREFORMED JAMB TRIM & TERMINATION ACCESSORY
23	OVERHEAD COILING DOOR GUIDE RAIL
24	1 1/2" X 6" X 3/16" STRAP ANCHOR WITH 2" VERTICAL LEG AT 16" OC
25	SPRAY FOAM STOP
26	GROUT SOLID
27	SOLID SURFACE WINDOW SILL W/ BULLNOSE EDGE
28	WOOD BLOCKING
29	WOOD DOOR TRIM, TYP. REFER TO 4/A3.0.3
30	WOOD DOOR TRIM, TYP. REFER TO 6/A3.0.3
31	GROUT STOP
32	METAL COMPOSITE MATERIAL (MCM)
33	PREFINISHED SILL EXTENSION TO MATCH LOUVER
34	NOT USED
35	BULLET PROOF WINDOW, INSTALL ACCORDING TO MANUFACTURER
36	ACOUSTICAL BAFFLES
37	BULLET RESISTANT SECURITY GLAZING SG-20; REFER TO SECTION 64100
38	METAL WALL PANEL
39	BREAK METAL CLOSURE
40	WOOD BLOCKING (PPT WOOD AT EXTERIOR LOCATIONS) WITH SPF SPRAY SEAL BETWEEN WOOD BLOCKING
41	BED-JOINT WEEP SYSTEM
42	3 1/2" X 4" CFSF-S ANGLE FOR SUPPORT
43	1/2" LIGHTWEIGHT BALLISTIC ARMOR
44	DETENTION HM FRAME
45	5/8" SHEATHING
46	EXTRUDED SLOPED SILL
47	1/2" WEEPS AT 8" OC
48	2" SPRAYED POLYURETHANE FOAM AIR BARRIER

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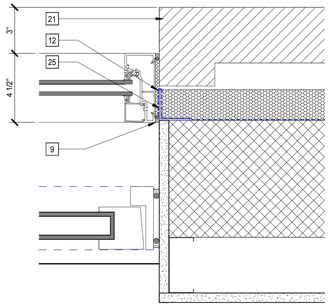
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DATE	DESCRIPTION

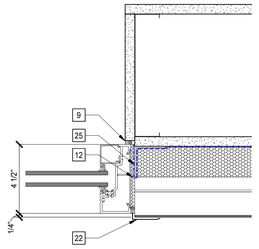
DOOR, GLAZING, AND FRAME DETAILS

A3.2.1

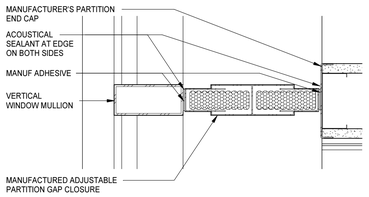
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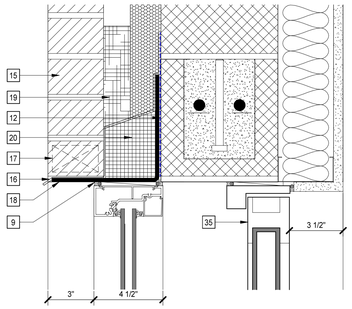
20 JAMB DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



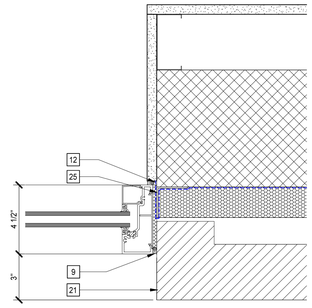
15 JAMB DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



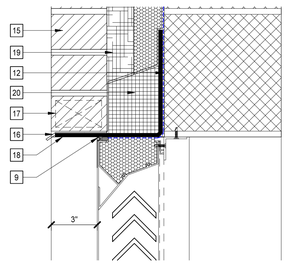
24 MULLION PARTITION CLOSURE DETAIL
A3.2.2 3" = 1'-0"



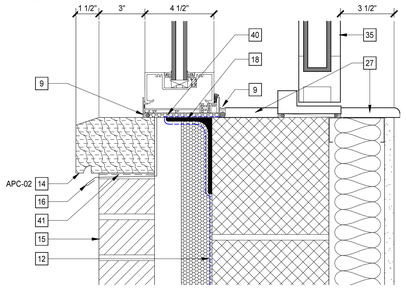
19 HEAD DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



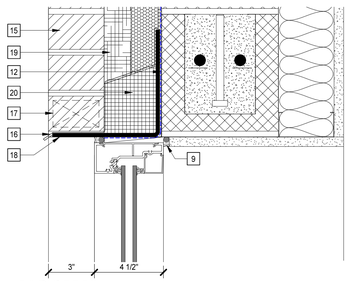
14 JAMB DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



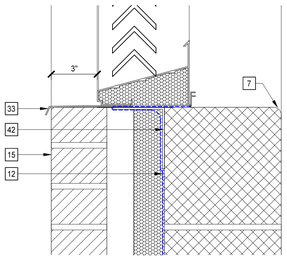
23 HEAD DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



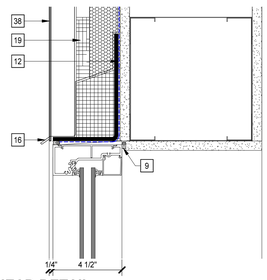
18 SILL DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



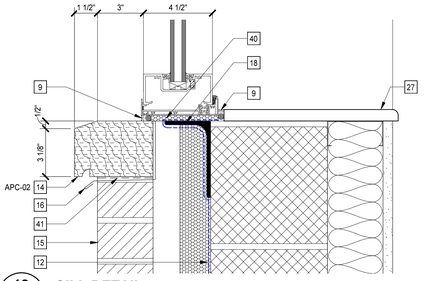
13 HEAD DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



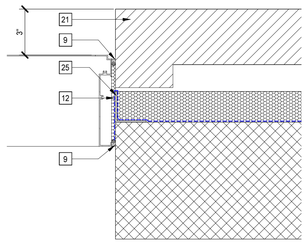
22 SILL DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



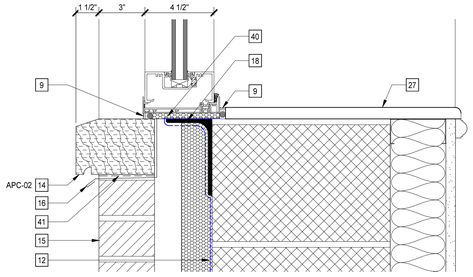
17 HEAD DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



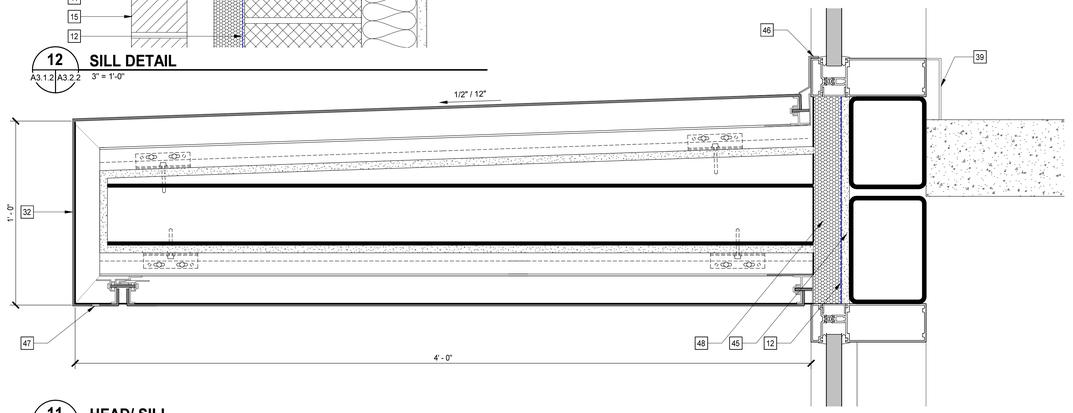
12 SILL DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



21 JAMB DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



16 SILL DETAIL
A3.1.2 A3.2.2 3" = 1'-0"



11 HEAD/ SILL
A3.1.2 A3.2.2 3" = 1'-0"

DOOR AND FRAME DETAIL KEYNOTES

REPRESENTED BY n

APPLIES TO DRAWINGS A3.2.1 - A3.2.3

1	ANCHORAGES, REINFORCING, SPECIFIC PARTITION CONSTRUCTION AND/OR LINTELS ARE NOT SHOWN FOR CLARITY.
2	REFER TO FRAME SECTION IN DOOR SCHEDULE FOR TYPE.
3	SEALANT, ALL SIDES - TOOL TO 90°.
4	BACKBEND RETURN @ GB LOCATIONS ONLY.
5	9/16" @ MAS; 1/2" @ GB.
6	1/4" @ JAMBS, UNO; DIMENSION @ HEAD & SILL VARIES.
7	BULLNOSE @ CMU JAMBS & SILLS.
8	0" @ GB LOCATIONS; 1/16" @ MAS LOCATIONS.
9	SEALANT & BACKER ROD
10	FINISHED FLOOR
11	5/16" GALVANIZED BENT PLATE WITH 2" RETURNS
12	AIR BARRIER TRANSITION MEMBRANE
13	SHEET MEMBRANE WATERPROOFING
14	APC SHAPE; REFER TO A5.2.2 FOR SHAPES
15	MASONRY VENEER, TYPE VARIES, REFER TO WALL ASSEMBLY TYPES
16	THROUGH WALL METAL FLASHING W/ DRIP EDGE
17	WEEP
18	STEEL ANGLE, REFER TO STRUCTURAL
19	CAVITY DRAINAGE MATERIAL
20	RIGID INSULATION
21	RETURN MASONRY AT JAMBS
22	PREFORMED JAMB TRIM & TERMINATION ACCESSORY
23	OVERHEAD COILING DOOR GUIDE RAIL
24	1 1/2" X 6" X 3/16" STRAP ANCHOR WITH 2" VERTICAL LEG AT 16" OC
25	SPRAY FOAM STOP
26	GROUT SOLID
27	SOLID SURFACE WINDOW SILL W/ BULLNOSE EDGE
28	WOOD BLOCKING
29	WOOD DOOR TRIM, TYP. REFER TO 4/A3.0.3
30	WOOD DOOR TRIM, TYP. REFER TO 6/A3.0.3
31	GROUT STOP
32	METAL COMPOSITE MATERIAL (MCM)
33	PREFINISHED SILL EXTENSION TO MATCH LOUVER
34	NOT USED
35	BULLET PROOF WINDOW, INSTALL ACCORDING TO MANUFACTURER
36	ACOUSTICAL BAFFLES
37	BULLET RESISTANT SECURITY GLAZING SG-20; REFER TO SECTION 64100
38	METAL WALL PANEL
39	BREAK METAL CLOSURE
40	WOOD BLOCKING (PPT WOOD AT EXTERIOR LOCATIONS) WITH SPF SPRAY SEAL BETWEEN WOOD BLOCKING
41	BED-JOINT WEEP SYSTEM
42	3 1/2" X 4" CFSF-S ANGLE FOR SUPPORT
43	1/2" LIGHTWEIGHT BALLISTIC ARMOR
44	DETENTION HM FRAME
45	5/8" SHEATHING
46	EXTRUDED SLOPED SILL
47	1/2" WEEPS AT 8" OC
48	2" SPRAYED POLYURETHANE FOAM AIR BARRIER

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3/1/2024
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CITY OF STAUNTON, VA 24401

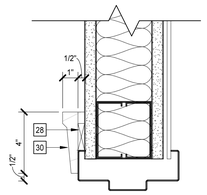
PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

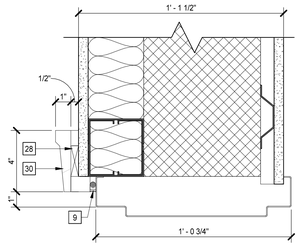
DOOR, GLAZING, AND FRAME DETAILS

A3.2.2

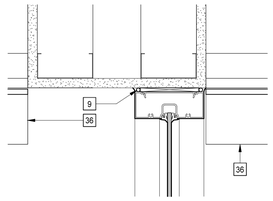
3/1/2024 9:37:30 AM



39 A3.2.3 **HEAD/ JAMB DETAIL** 3" = 1'-0"



34 A3.2.3 **HEAD/ JAMB DETAIL** 3" = 1'-0"



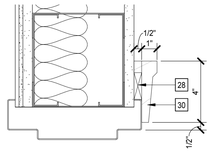
29 A3.1.2 A3.2.3 **HEAD DETAIL** 3" = 1'-0"

DOOR AND FRAME DETAIL KEYNOTES

REPRESENTED BY n

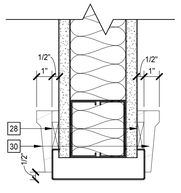
APPLIES TO DRAWINGS A3.2.1 - A3.2.3

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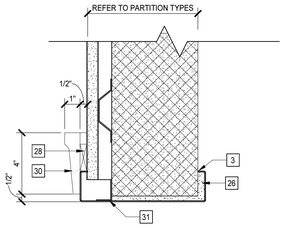


43 A3.2.3 **HEAD DETAIL** 3" = 1'-0"

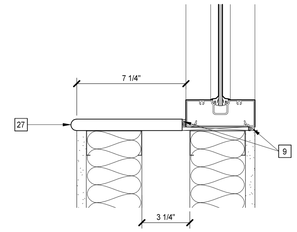
*3 5/8" STUD AT SIM CONDITIONS



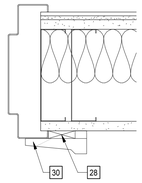
38 A3.2.3 **HEAD/ JAMB DETAIL** 3" = 1'-0"



33 A3.2.3 **HEAD/ JAMB DETAIL** 3" = 1'-0"

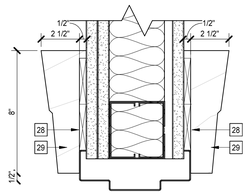


28 A3.1.2 A3.2.3 **SILL DETAIL** 3" = 1'-0"

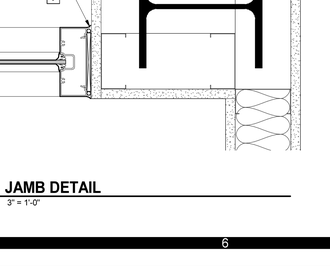


42 A3.2.3 **JAMB DETAIL** 3" = 1'-0"

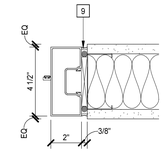
*3 5/8" STUD AT SIM CONDITIONS



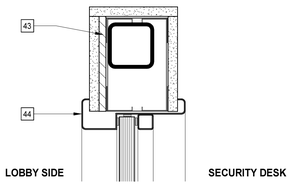
37 A3.2.3 **HEAD/ JAMB DETAIL** 3" = 1'-0"



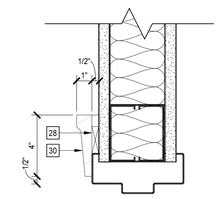
32 A3.2.3 **HEAD/ JAMB DETAIL** 3" = 1'-0"



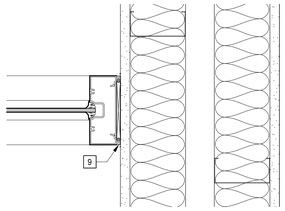
27 A3.1.2 A3.2.3 **JAMB DETAIL** 3" = 1'-0"



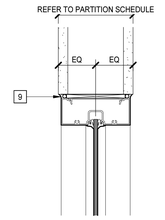
41 A3.1.2 A3.2.3 **SECURITY HEAD DETAIL** 3" = 1'-0"



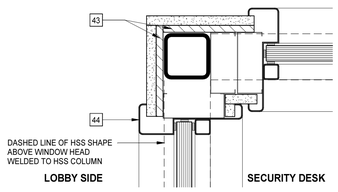
36 A3.2.3 **HEAD/ JAMB DETAIL** 3" = 1'-0"



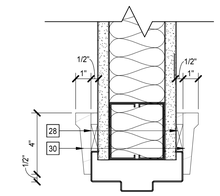
31 A3.1.2 A3.2.3 **JAMB DETAIL** 3" = 1'-0"



26 A3.1.2 A3.2.3 **HEAD/ JAMB DETAIL** 3" = 1'-0"

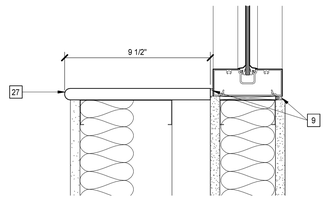


40 A3.1.2 A3.2.3 **SECURITY JAMB DETAIL** 3" = 1'-0"



35 A3.2.3 **HEAD/ JAMB DETAIL** 3" = 1'-0"

30 A3.1.2 A3.2.3 **JAMB DETAIL** 3" = 1'-0"



25 A3.1.2 A3.2.3 **SILL DETAIL** 3" = 1'-0"

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ANTHONY J. BELL III
Lic. No. 009147
3/1/2024
ARCHITECT

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

DOOR, GLAZING, AND FRAME DETAILS

A3.2.3

3/1/2024 9:37:33 AM

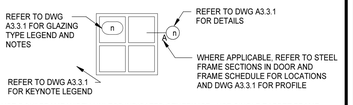
DETENTION WINDOW SCHEDULE

NO	GLAZING			FRAME						FIRE RATING	NOTES
	TYPE	STOP SIDE		TYPE	NO.	DETAILS					
		INSIDE	OUTSIDE			HEAD	JAMB 1	JAMB 2	SILL		
148	SG-1P	•		DHM	3	9	6	7	9 SIM	---	
268A	SG-1P	•		DHM	3	9	6	7	9 SIM	---	

DETENTION DOOR SCHEDULE

NUMBER	HDWR SET NO.	DOOR				FRAME						KEYING		FIRE RATING	OPTIONS		NOTES
		TYPE	SIZE (NOMINAL)	MATL	SECURITY GLAZING TYPE	TYPE	NUMBER	HEAD DETAIL	JAMB DETAIL	JAMB DETAIL	SILL DETAIL	SECURITY	MASTER		SHUTTER	FOOD PASS	
D04-01A	SH1	DF	3' - 0"x7' - 0"x2"	DHM	---	DHM	1	11	10	10	---	M1	---	---			
D04-01B	SH2A	DN	3' - 0"x7' - 0"x2"	DHM	SG-14F	DHM	1	9	8	8	---	M2	MA	45 MIN			
D04-02	SH2	DN	3' - 0"x7' - 0"x2"	DHM	SG-14F	DHM	1	9	8	8	---	M2	MA	45 MIN			
D149	SH2A	DG	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	1	9	8	8	---	M2	MA	--			
D151	SH7	DN	3' - 0"x7' - 0"x2"	DHM	SG-3P	DHM	2	9	8	8	---	B2	BA	--			
D152	SH3	DN	3' - 0"x7' - 0"x2"	DHM	SG-3P	DHM	1	9	8	8	---	M3	MA	--	•	•	
D154	SH3	DN	3' - 0"x7' - 0"x2"	DHM	SG-3P	DHM	1	9	8	8	---	M3	MA	--	•	•	
D157B	SH2	DN	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	1	9	8	8	---	M1	---	--			
D158	SH3	DN	3' - 0"x7' - 0"x2"	DHM	SG-3P	DHM	1	9	8	8	---	M3	MA	--	•	•	
D161A	SH2A	DG	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	1	9	8	8	---	M2	MA	--			
D161B	SH2A	DN	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	1	9	8	8	---	M2	MA	--			
D161C	SH2A	DG	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	1	9	8	8	---	M2	MA	--			
D163	SH2	DN	3' - 0"x7' - 0"x2"	DHM	SG-1P	DHM	1	9	8	8	---	M1	---	--			
D164	SH4	DN	3' - 0"x7' - 0"x2"	DHM	SG-10	DHM	1	9	8	8	---	M4	---	--			
D166	SH7	DN	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	2	9	8	8	---	B2	BA	--			
D168C	SH1	DF	3' - 0"x7' - 0"x2"	DHM	---	DHM	1	11	10	10	---	M1	---	--			
D169	SH7A	DF	3' - 0"x7' - 0"x2"	DHM	---	DHM	2	9	8	8	---	B1	BA	--			
D251	SH7A	DF	3' - 0"x7' - 0"x2"	DHM	---	DHM	2	9	8	8	---	B1	BA	--			
D252A	SH2A	DN	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	1	9	8	8	---	M1	---	--			
D252B	SH2A	DN	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	1	9	8	8	---	M2	MA	--			
D255	SH3	DN	3' - 0"x7' - 0"x2"	DHM	SG-3P	DHM	1	9	8	8	---	M3	MA	--	•	•	
D256B	SH2	DN	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	1	9	8	8	---	M1	---	--			
D258	SH2A	DN	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	1	9	8	8	---	M2	MA	--			
D259	SH3	DN	3' - 0"x7' - 0"x2"	DHM	SG-3P	DHM	1	9	8	8	---	M3	MA	--	•	•	
D260	SH3	DN	3' - 0"x7' - 0"x2"	DHM	SG-3P	DHM	1	9	8	8	---	M3	MA	--	•	•	
D262	SH7	DN	3' - 0"x7' - 0"x2"	DHM	SG-2P	DHM	2	9	8	8	---	B2	BA	--			

DETENTION DOOR, FRAME AND GLAZING TYPE GENERAL NOTES



A. USE 5-3/4" FRAME WIDTH UNLESS INDICATED OTHERWISE. USE SINGLE RABBET FRAME SECTIONS AT GLAZING. VERIFY ACTUAL GLAZING THICKNESS PRIOR TO PREDRILLING FOR GLAZING STOPS. FRAME FACE DIMENSIONS ARE 2" UNLESS INDICATED OTHERWISE.

B. REFER TO DETAIL ON A3.3.1 FOR TYPICAL GLAZING STOP. WINDOW NUMBER INDICATES ROOM NUMBER IN WHICH GLAZING STOP SHALL BE LOCATED. THIS APPLIES TO DETENTION WINDOWS ONLY.

C. REFER TO ARCH DRAWINGS FOR ALL DIMENSIONS AND WALL TYPES. REFER TO STRUCTURAL DRAWINGS FOR LINTEL INFORMATION.

D. 12 GA CLOSURES SHALL BE CONTINUOUS FROM TOP TO BOTTOM OF SHORTER FRAME. CLOSURES SHALL BE SIZED TO OVERLAP THE FRAME FACE 1/2", CLAMPED IN PLACE AND PLUG WELDED TO EACH FRAME SECTION THROUGH 1/2" DIAMETER HOLES AT 4'-0" OC VERTICALLY LOCATED 3/4" FROM THE EDGE OF THE CLOSURE. WELDS SHALL BE GROUND SMOOTH AND FILLED WITH EPOXY FILLER. FILL ALL INTERIOR FRAMES SOLID WITH GROUT.

E. REFER TO SPECIFICATION SECTION 111950 FOR SECURITY GLAZING TYPES.

F. REFER TO DETENTION FRAME SECTIONS ON A3.3.1 INDICATED BY UPPERCASE LETTERS. ("A", "B", "C") AS REFERENCED FROM DETENTION DOOR & DETENTION WINDOW FRAME TYPES.

G. THE DEC SHALL FIELD VERIFY AND COORDINATE ALL DIMENSIONS AND MOUNTING CONDITIONS PRIOR TO INSTALLATION OF DHM.

H. DHM AND SHM SHALL BE USED INTERCHANGEABLY TO REFER TO SECURITY HOLLOW METAL AND DETENTION HOLLOW METAL. REFER TO SPECIFICATION SECTION 111910.

I. REFER TO SECURITY HARDWARE SPECIFICATION SECTION 111960 FOR HARDWARE SET NUMBERS REFERENCED ON A3.3.1.

J. UNLESS INDICATED OTHERWISE, REFER TO A3.3.1 FOR ALL HEAD, JAMB, AND SILL DETAILS REFERENCED IN DETENTION DOOR AND DETENTION WINDOW SCHEDULES.

K. PROVIDE FOOD PASS AT ALL DOORS WITH "●" INDICATED IN FOOD PASS COLUMN. PROVIDE FOOD PASS PER DETAIL ON A3.3.1.

L. ALL CONTROL ROOM GLAZING TO HAVE SHADING FILM PER SPECIFICATION SECTION 111950.

M. DOOR AND FRAME DETAILS INDICATE GENERAL CHARACTERISTICS OF DOOR AND FRAME SIZES AND COMPONENTS AND MAY NOT INDICATE EXACT FIELD CONDITIONS OR REQUIREMENTS. COORDINATE DETAILS WITH OTHER DRAWINGS AND SPECS TO DETERMINE ALL COMPONENTS (E.G., SEALANTS, ANCHORS, HARDWARE, LINTELS, CLIPS) REQUIRED FOR COMPLETE AND FUNCTIONAL INSTALLATION.

N. DOOR SWINGS ON FLOOR PLANS TAKE PRECEDENCE OVER SWINGS INDICATED ELSEWHERE (E.G., ELEVATIONS).

DETENTION DOOR & FRAME KEYNOTES

1. REFER TO ELEVATION 5/A3.3.1
2. NOT USED
3. NOT USED
4. NOT USED

DETENTION GLAZING TYPES

(ALL TYPES NOT NECESSARILY USED)

SG-1P = 3/4" ± THICK MULTI-PLY POLYCARBONATE GLAZING; ASTM F1915 GRADE 1

SG-2P = 1/2" ± THICK MULTI-PLY POLYCARBONATE GLAZING; ASTM F1915 GRADE 2

SG-3P = 3/8" ± THICK MULTI-PLY POLYCARBONATE GLAZING; ASTM F1915 GRADE 3

SG-10 = 1" ± THICK MULTI-PLY GLASS CLAD POLYCARBONATE GLAZING; ASTM F1915 GRADE 1 + SHADING FILM

SG-11 = 1" ± THICK MULTI-PLY GLASS CLAD POLYCARBONATE GLAZING; ASTM F1915 GRADE 1

SG-12 = 1" ± THICK MULTI-PLY GLASS CLAD POLYCARBONATE GLAZING; ASTM F1915 GRADE 2 + MIRRORPANE

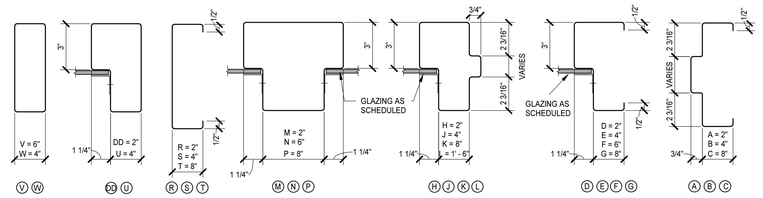
SG-13F = 1 1/8" ± THICK MULTI-PLY GLASS CLAD POLYCARBONATE GLAZING; ASTM F1915 GRADE 1, UL FIRE 45 MIN. + SHADING FILM

SG-14F = 1 1/8" ± THICK MULTI-PLY GLASS CLAD POLYCARBONATE GLAZING; ASTM F1915 GRADE 1, UL FIRE 45 MIN.

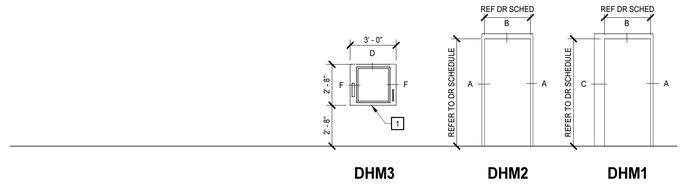
SG-15F = 1 1/8" ± THICK MULTI-PLY GLASS CLAD POLYCARBONATE GLAZING; ASTM F1915 GRADE 1, UL FIRE 90 MIN

SG-16F = 1" ± THICK MULTI-PLY GLASS CLAD POLYCARBONATE GLAZING; ASTM F1915 GRADE 2, UL FIRE 45 MIN

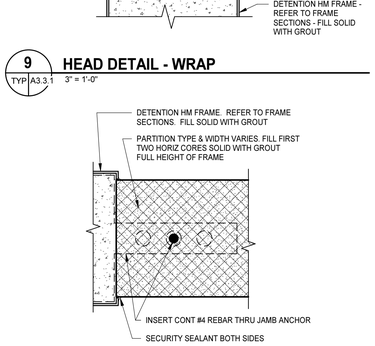
SG-20 = 1 1/8" ± THICK MULTI-PLY GLASS CLAD POLYCARBONATE GLAZING; UL 752, LEVEL 3 BALLISTICS RATED



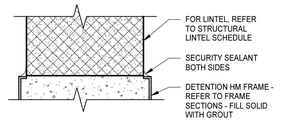
DETENTION FRAME SECTIONS



DETENTION FRAME TYPES

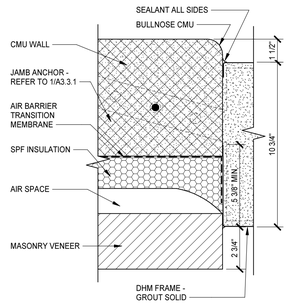


11 TYP A3.3.1 — HEAD DETAIL 3" = 1'-0"

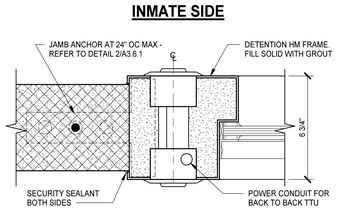


9 TYP A3.3.1 — HEAD DETAIL - WRAP 3" = 1'-0"

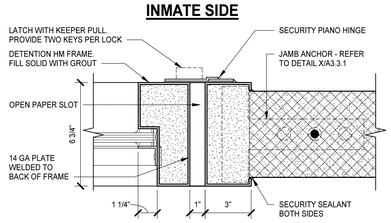
8 TYP A3.3.1 — JAMB DETAIL - WRAP 3" = 1'-0"



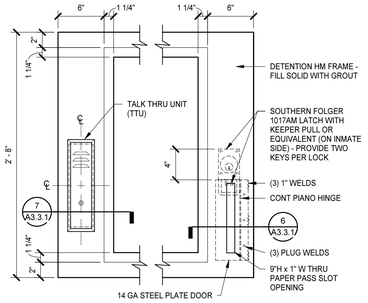
10 TYP A3.3.1 — JAMB DETAIL 3" = 1'-0"



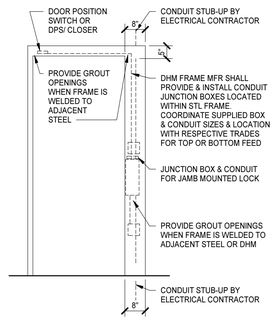
7 A3.3.1 A3.3.1 — SECTION THRU TTU 3" = 1'-0"



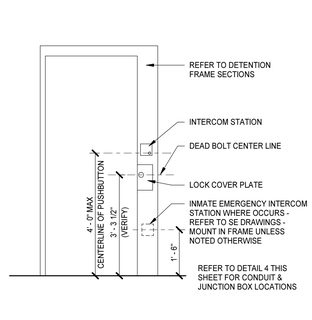
6 A3.3.1 A3.3.1 — SECTION THRU PAPER PASS 3" = 1'-0"



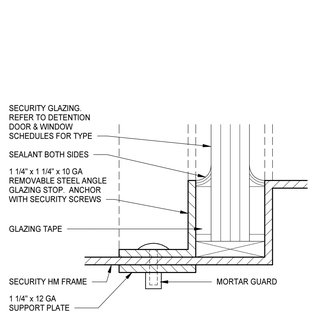
5 TYP A3.3.1 — ELEVATION - VISITATION WINDOW 1 1/2" = 1'-0"



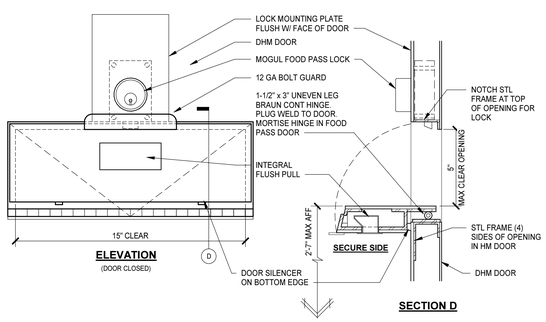
4 TYP A3.3.1 — FRAME ELEVATION "A" 1/2" = 1'-0"



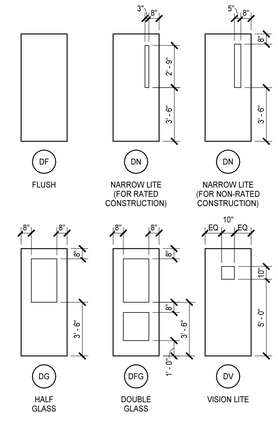
3 TYP A3.3.1 — FRAME ELEVATION "B" 1/2" = 1'-0"



2 TYP A3.3.1 — DETAIL - SECURITY GLAZING STOP 12" = 1'-0"



1 TYP A3.3.1 — FOOD PASS - 90 DEGREE OPENING 3" = 1'-0"



DETENTION DOOR TYPES

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ARCHITECT

STAUNTON J&DR COURTS FACILITY

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CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

DETENTION DOOR & WINDOW SCHEDULES & DETAILS

A3.3.1

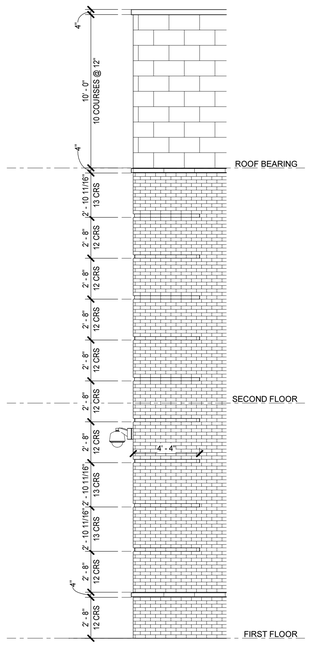
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BUILDING ELEVATION KEYNOTES

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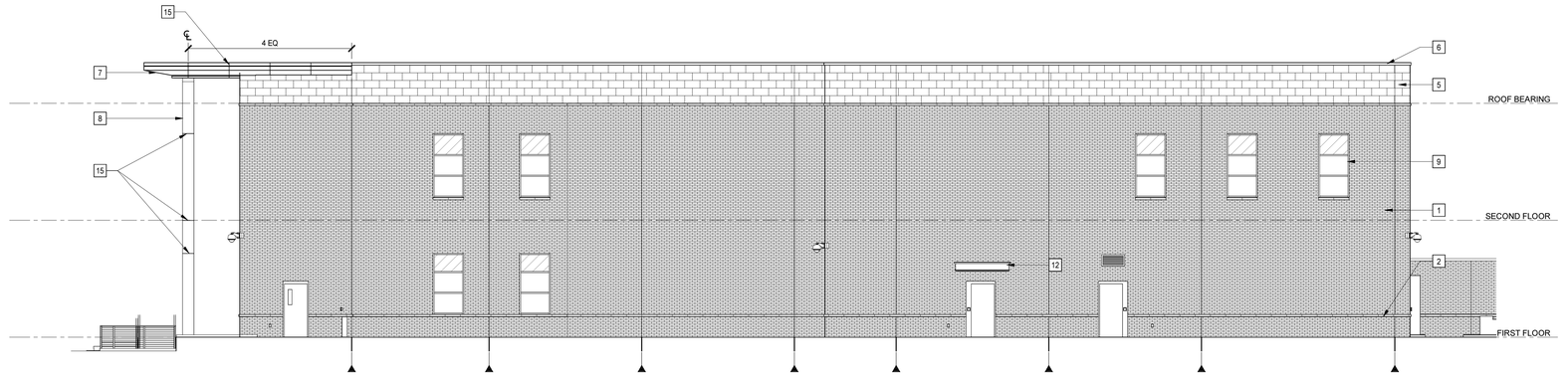
APPLIES TO DRAWINGS A4.1 - A4.2

1	FACE BRICK
2	CAST STONE BAND
3	BRICK REVEAL
4	CAST DIMENSIONAL LETTERS - CORBEL FONT
5	CALCIUM SILICATE
6	ARCHITECTURAL PRECAST CONCRETE COPING
7	MCM PANEL WALL SYSTEM
8	MCM COLUMN COVER
9	ALUMINUM STOREFRONT SYSTEM
10	ALUMINUM CURTAIN WALL SYSTEM
11	OVERHEAD COILING DOOR
12	PROTECTIVE COVER
13	KNOX BOX
14	EXTERIOR CONCRETE STAIRS AND RAMPS
15	1/2" REVEAL, TYP
16	ALIGN, TYP



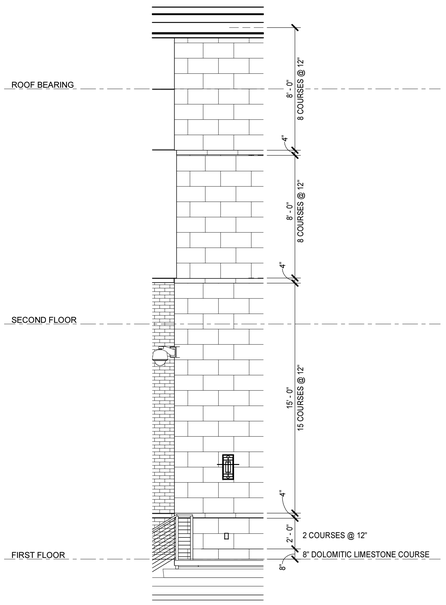
4 A4.1 A4.1 **ENLARGED CORNER COURSING DETAIL AT CORNER**

1/4" = 1'-0"



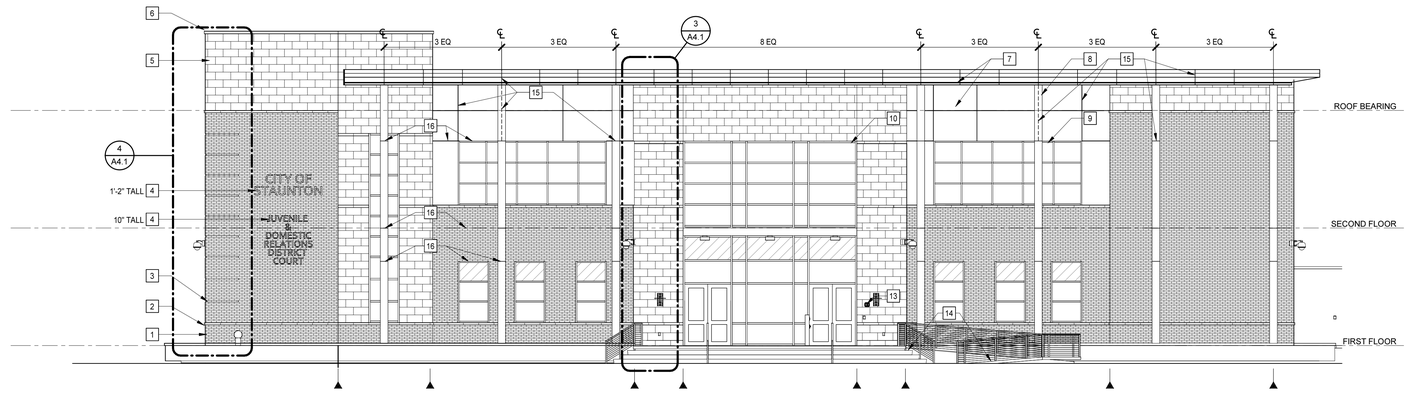
2 A2.1.0 A4.1 **BUILDING ELEVATION - PLAN EAST**

1/8" = 1'-0"



3 A4.1 A4.1 **ENLARGED COURSING DETAIL AT ENTRY**

1/4" = 1'-0"



1 A2.1.0 A4.1 **BUILDING ELEVATION - PLAN SOUTH**

1/8" = 1'-0"

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DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

BUILDING ELEVATIONS

A4.1

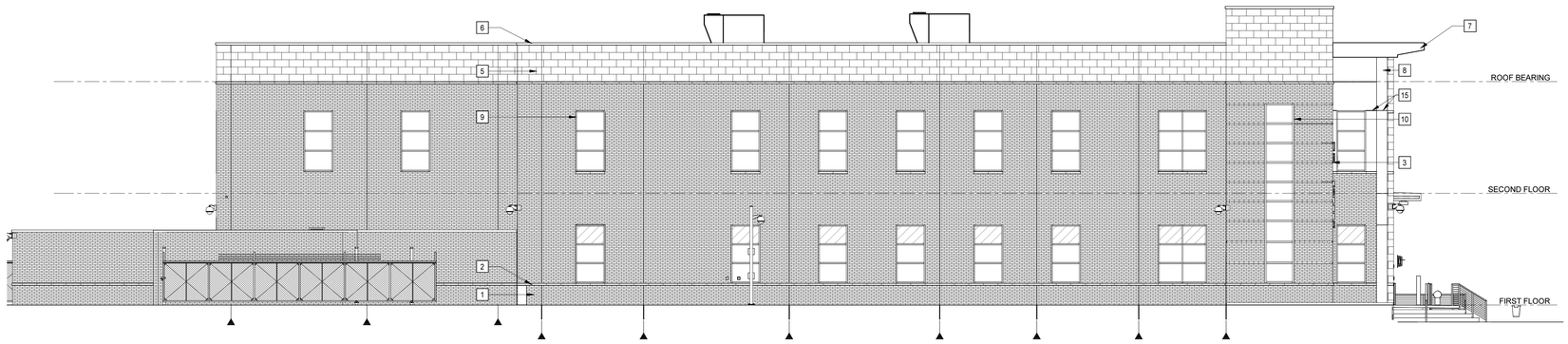
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BUILDING ELEVATION KEYNOTES

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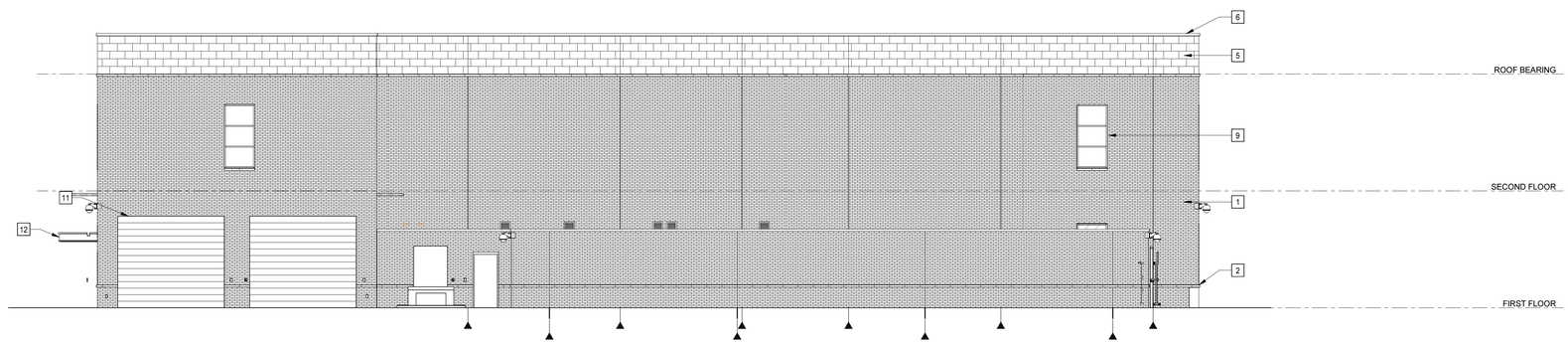
APPLIES TO DRAWINGS A4.1 - A4.2

1	FACE BRICK
2	CAST STONE BAND
3	BRICK REVEAL
4	CAST DIMENSIONAL LETTERS - CORBEL FONT
5	CALCIUM SILICATE
6	ARCHITECTURAL PRECAST CONCRETE COPING
7	MCM PANEL WALL SYSTEM
8	MCM COLUMN COVER
9	ALUMINUM STOREFRONT SYSTEM
10	ALUMINUM CURTAIN WALL SYSTEM
11	OVERHEAD COILING DOOR
12	PROTECTIVE COVER
13	KNOX BOX
14	EXTERIOR CONCRETE STAIRS AND RAMPS
15	1/2" REVEAL, TYP
16	ALIGN. TYP



4 A2.1.0 A4.2 **BUILDING ELEVATION - PLAN WEST**

1/8" = 1'-0"



3 A2.1.0 A4.2 **BUILDING ELEVATION - PLAN NORTH**

1/8" = 1'-0"

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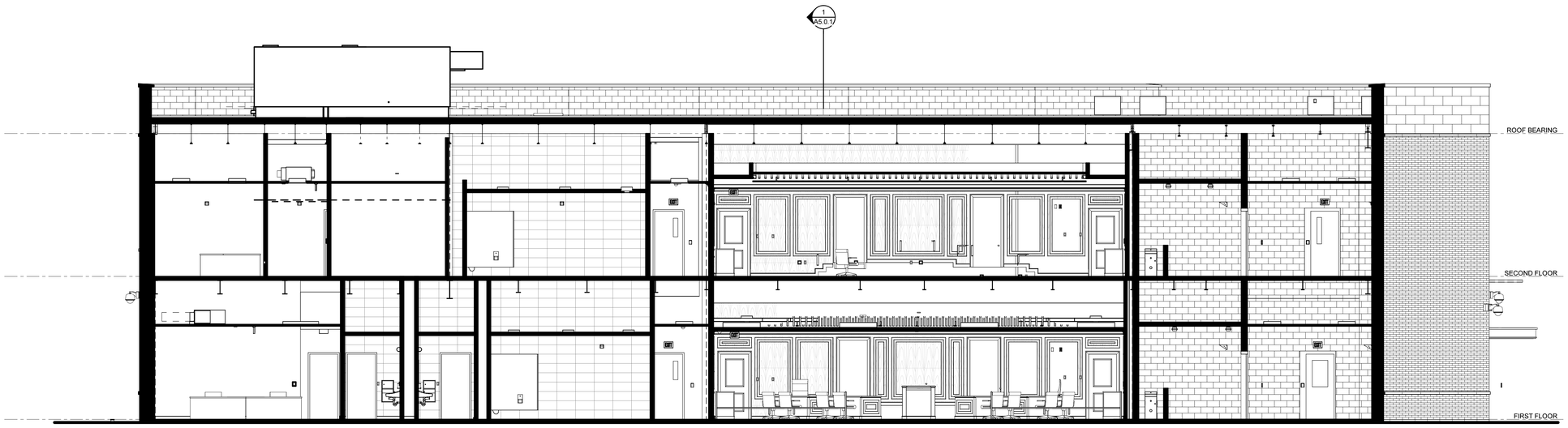
REVISIONS

DATE	DESCRIPTION

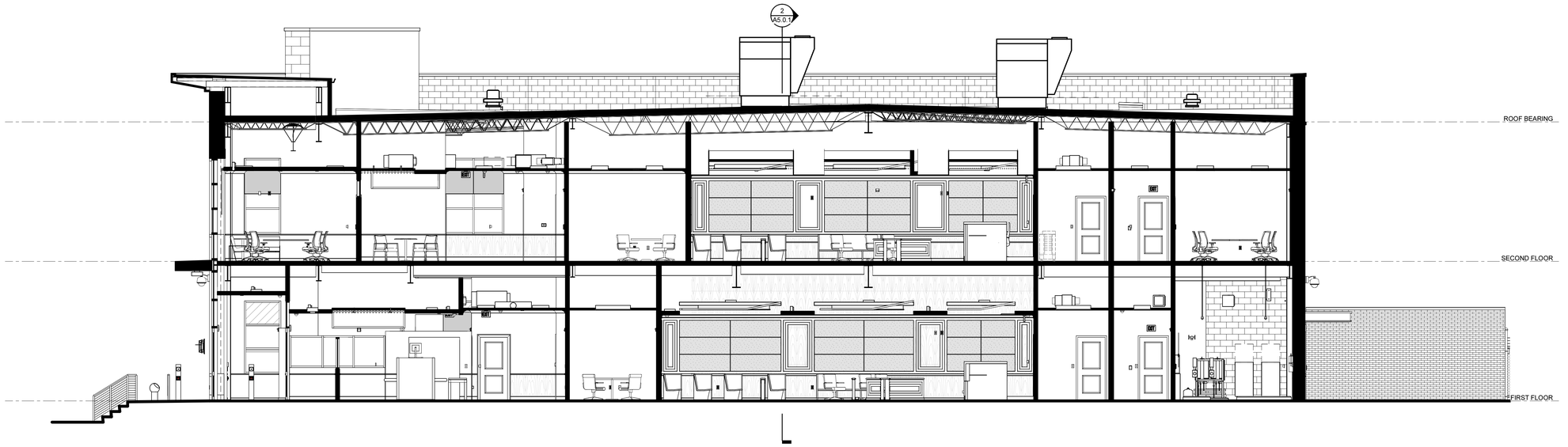
BUILDING ELEVATIONS

A4.2

3/1/2024 9:37:41 AM



2 A2.1.0 A5.0.1 **BUILDING SECTION** 3/16" = 1'-0"



1 A2.1.0 A5.0.1 **BUILDING SECTION** 3/16" = 1'-0"

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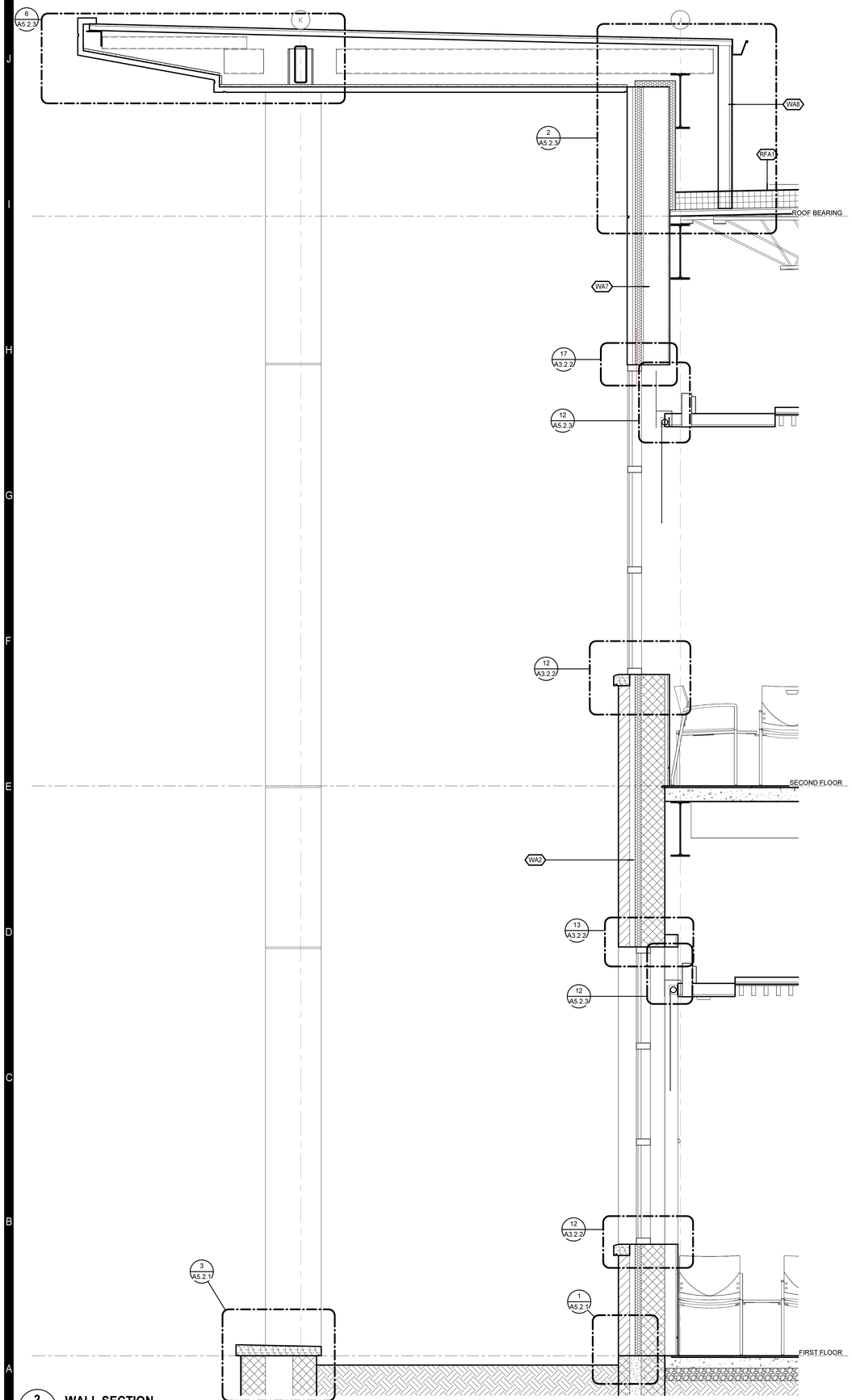
REVISIONS

DATE	DESCRIPTION

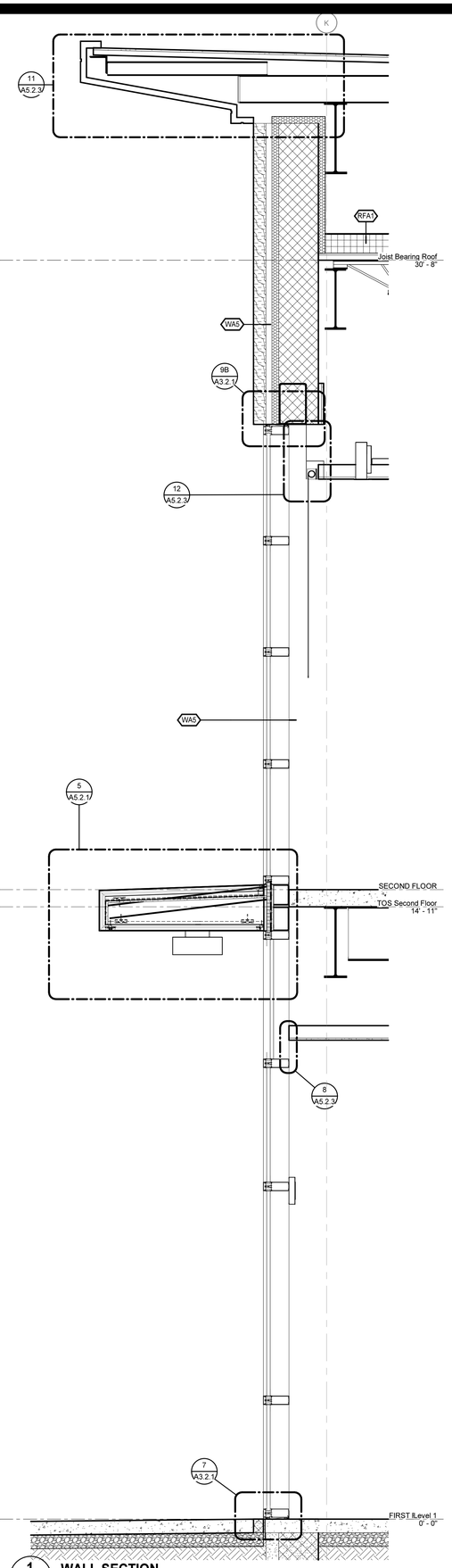
BUILDING SECTIONS

A5.0.1

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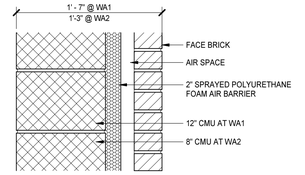
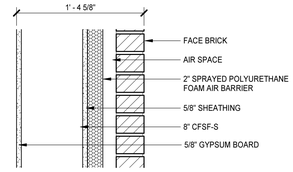
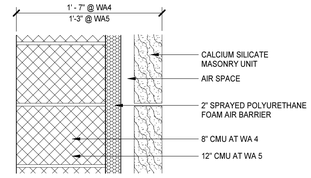
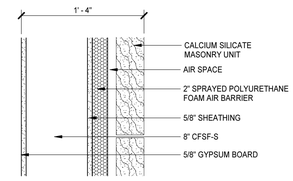
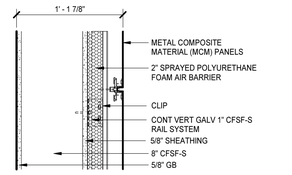
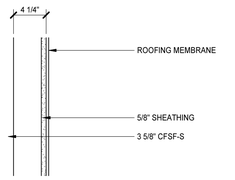
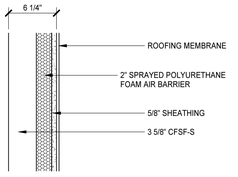
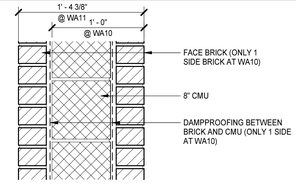
2 WALL SECTION
A2.1.0 A5.1.1 3/4" = 1'-0"



1 WALL SECTION
A2.1.0 A5.1.1 3/4" = 1'-0"

EXTERIOR WALL ASSEMBLIES

APPLIES TO A5.1 AND A5.2 SERIES OF DRAWINGS
REPRESENTED BY (WAn)

MARK	FIRE RATING (REFER TO LS 1.1 FOR LEGEND)	REMARKS	INFORMATION
WA1 WA2			
WA3			
WA4 WA5			
WA6			
WA7			
WA8			
WA9			
WA10 WA11			

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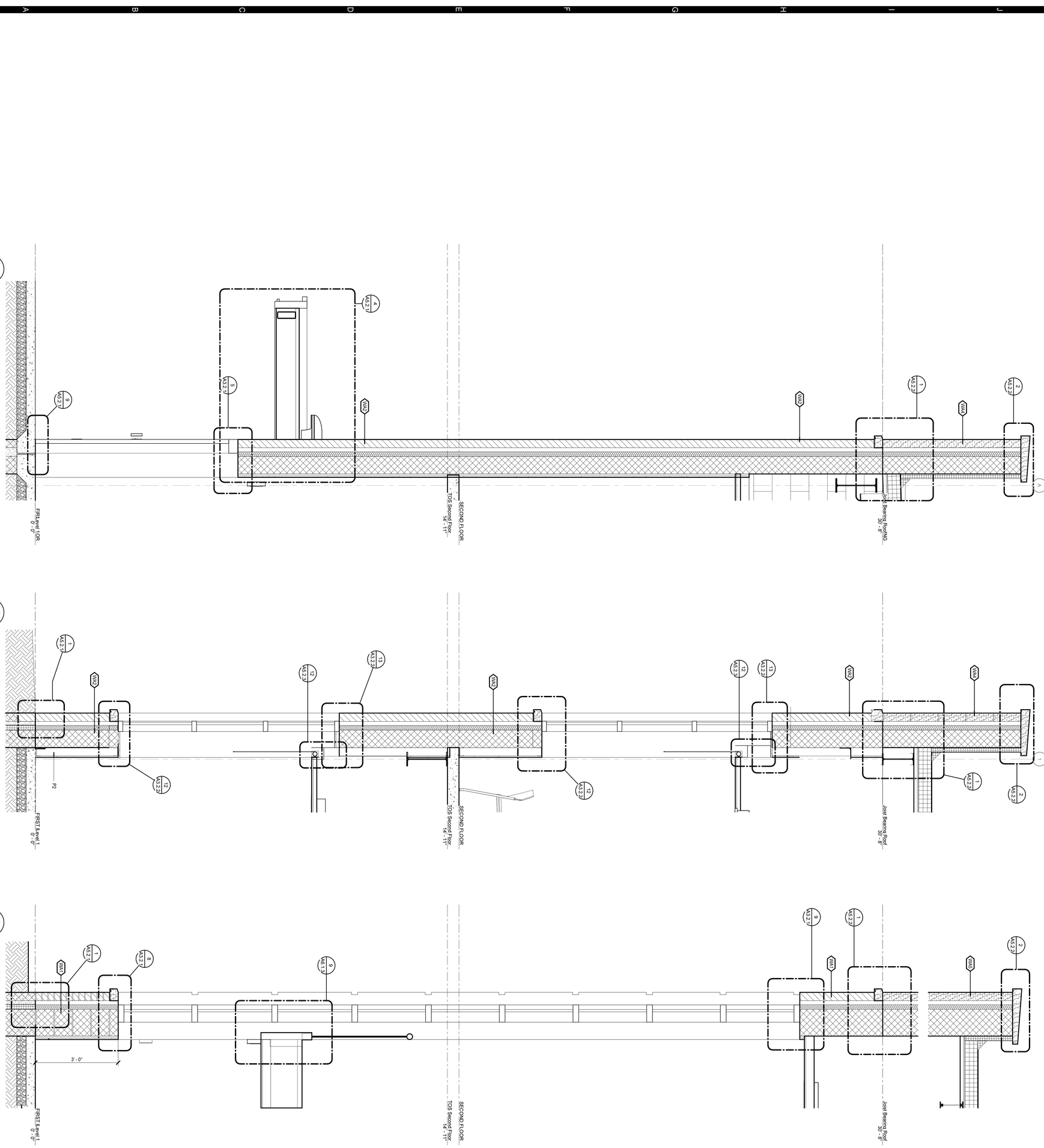
REVISIONS	
DATE	DESCRIPTION

WALL SECTIONS

A5.1.1

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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

WALL SECTIONS

A5.1.2

PROJECT NO 0000CH.1
DATE MARCH 1, 2024
REVISIONS
DATE DESCRIPTION

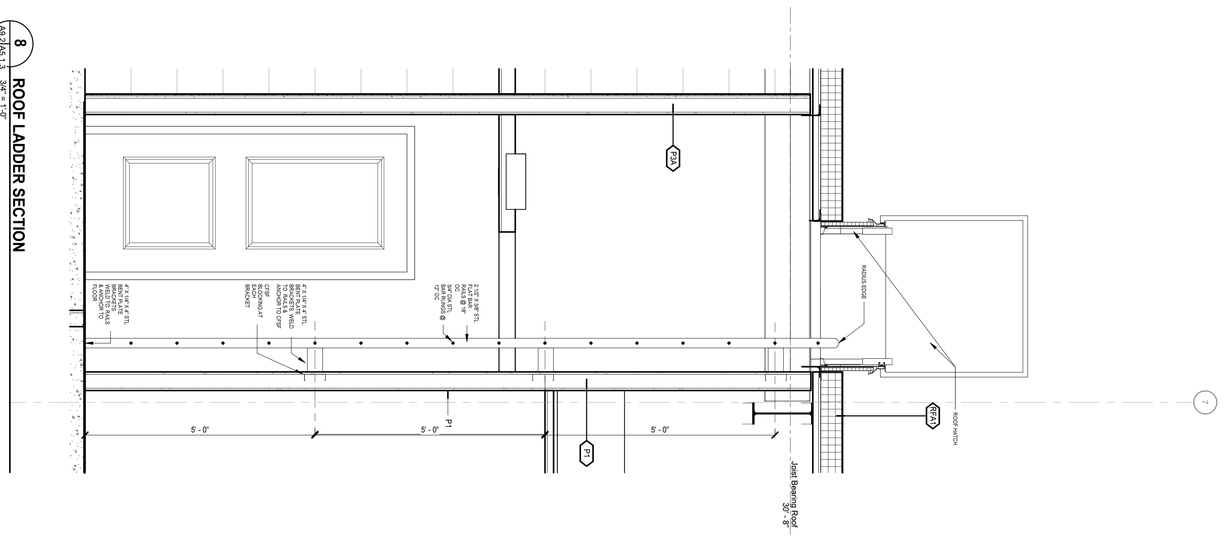
COMMONWEALTH OF VIRGINIA
ANTHONY J. BELL III
Lic. No. 0009147
ARCHITECT

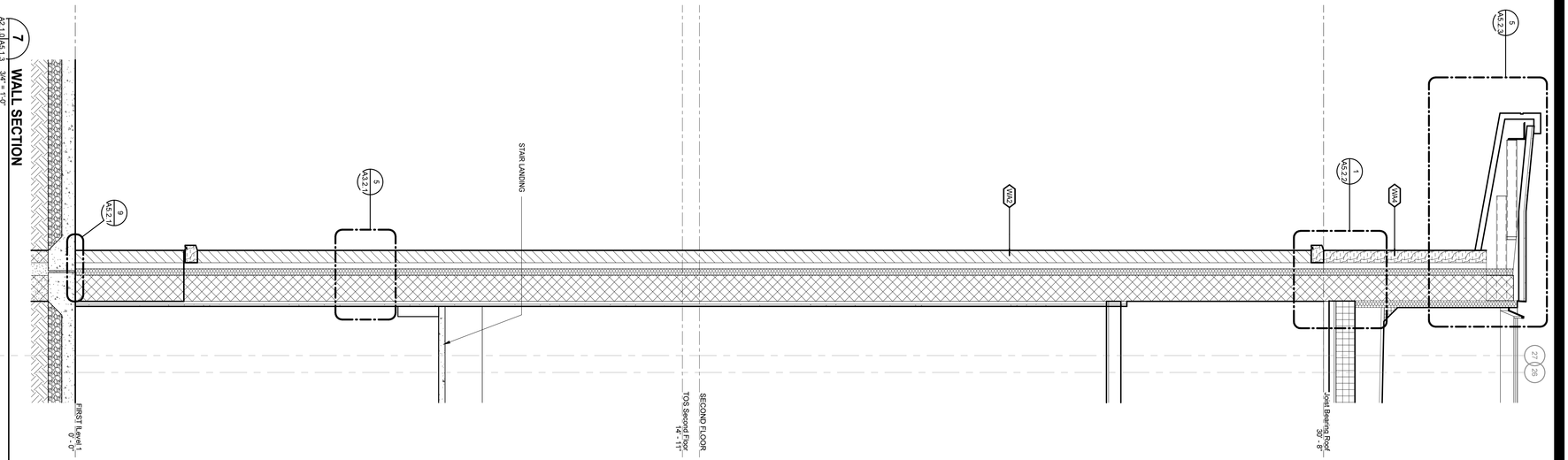
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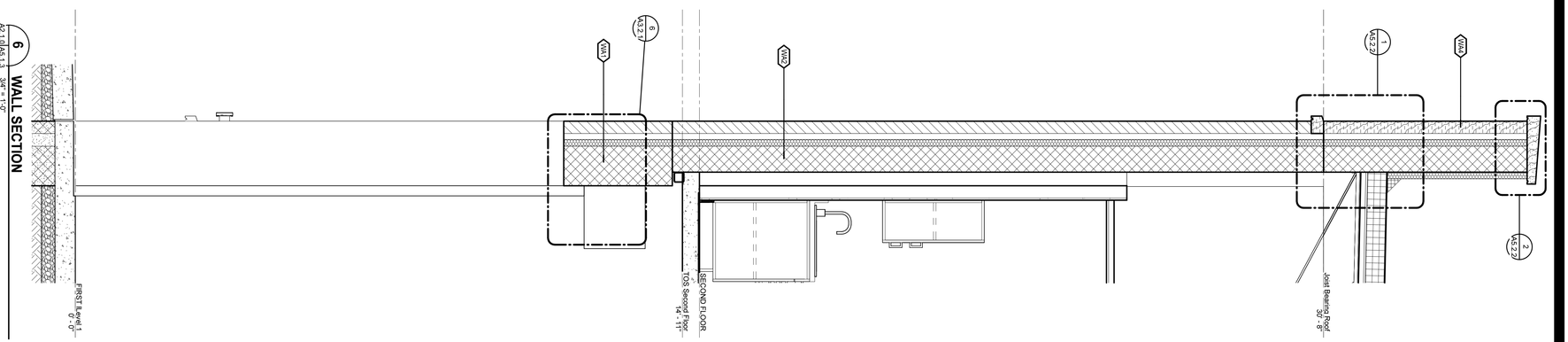
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-5690

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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO 19001
DATE MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

WALL SECTIONS

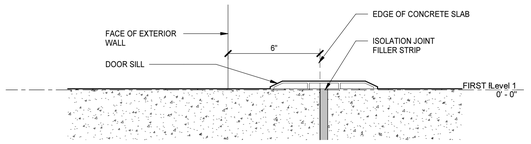
A5.1.3

COMMONWEALTH OF VIRGINIA
ANTHONY J. BELL III
Lic. No. 0409147
3/1/2024
Architect

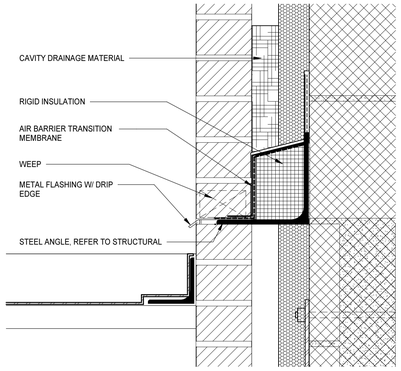
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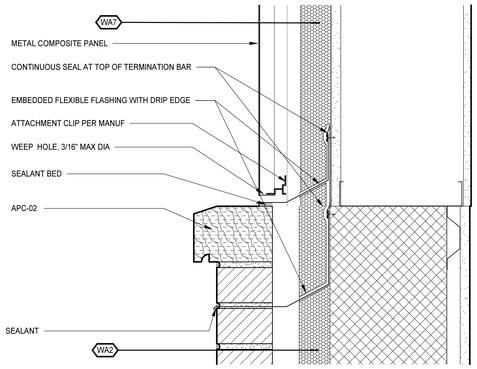
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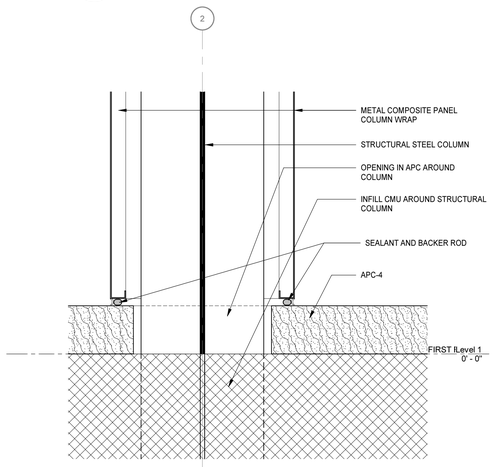
9 EXTERIOR DOOR SILL DETAIL
A5.1.2 A5.2.1 3" = 1'-0"



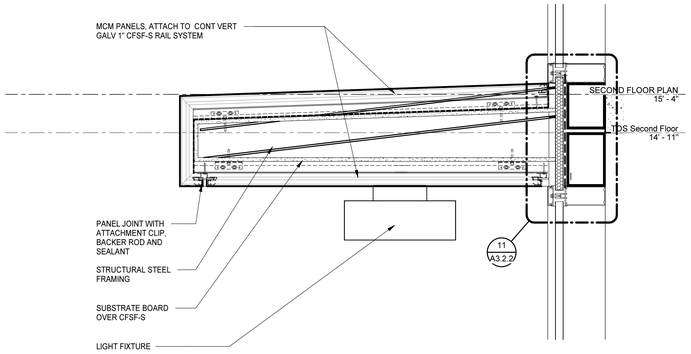
8 CANOPY FLASHING DETAIL
A5.2.1 A5.2.1 3" = 1'-0"



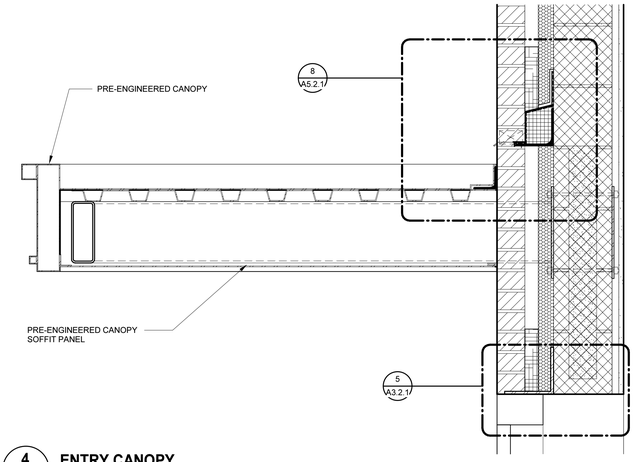
7 METAL PANEL SILL DETAIL
A2.2.0 A5.2.1 3" = 1'-0"



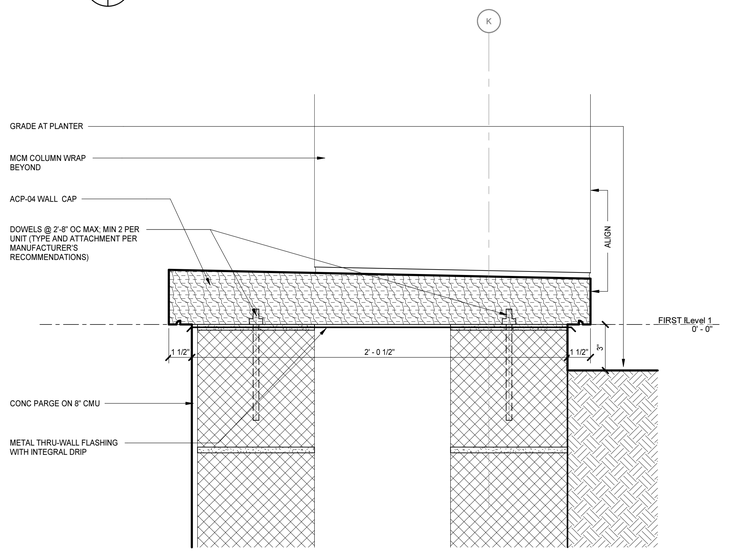
6 DETAIL OF COLUMN BASE AT PLANTER
A2.1.0 A5.2.1 3" = 1'-0"



5 ENTRY AWNING DETAIL
A5.1.1 A5.2.1 1 1/2" = 1'-0"



4 ENTRY CANOPY
A5.1.2 A5.2.1 1 1/2" = 1'-0"

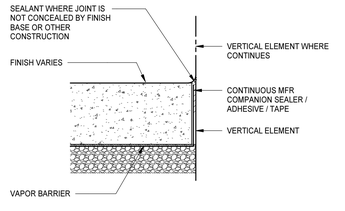


3 SECTION DETAIL AT PLANTER WALL
A5.1.1 A5.2.1 3" = 1'-0"

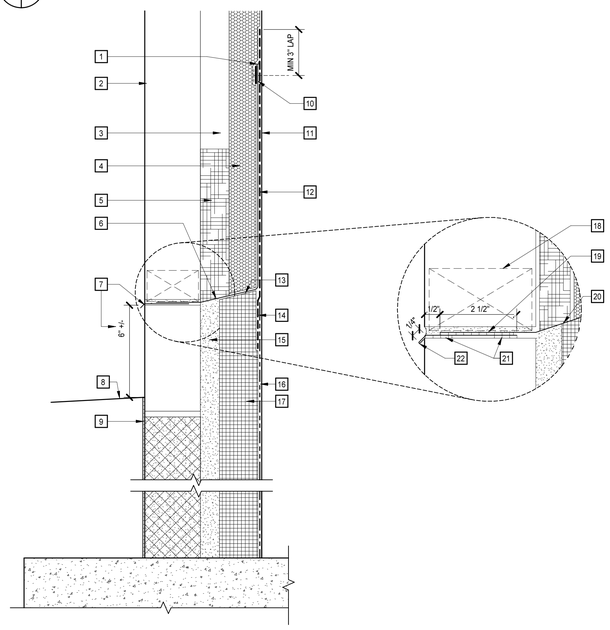
WALL SECTION DETAIL KEYNOTES
REPRESENTED BY n

APPLIES TO DRAWINGS A5.2.1 - A5.2.3

1	CONTINUOUS SEAL AT TOP OF TERMINATION BAR
2	VENEER
3	MAINTAIN CAVITY AIR SPACE CLEAN AND CLEAR
4	SPF - ALSO SERVES AS AIR BARRIER
5	CAVITY DRAINAGE MATERIAL THICKNESS AS REQUIRED TO FILL AIR SPACE HARD AGAINST BACKSIDE OF VENEER AND FACE OF CAVITY INSULATION
6	EMBEDDED FLEXIBLE FLASHING
7	STEP FLASHING ASSEMBLY AS REQUIRED TO MAINTAIN DIMENSIONAL RELATIONSHIP WITH FINISH GRADE
8	FINISH GRADE VARIES
9	PROTECTION BOARD
10	CONTINUOUS TERMINATION BAR
11	FACE OF INNER WYTHE OF EXTERIOR WALL
12	AIR BARRIER TRANSITION STRIP
13	TAPER TOP OF RIGID BOARD CAVITY-WALL INSULATION
14	LAP AIR BARRIER TRANSITION STRIP OVER DAMPPROOFING 3" MIN TO MAINTAIN AIR BARRIER CONTINUITY
15	GROUT SOLID BELOW EMBEDDED FLEXIBLE FLASHING
16	DAMPPROOFING - START AT TOP OF SLAB-ON-GRADE ELEVATION AND EXTEND DOWN TO TOP OF FOOTING
17	RIGID INSULATION
18	CELLULAR VENT/WEEPS
19	SEAL EMBEDDED FLEXIBLE FLASHING TO METAL DRIP EDGE
20	SLOPE GROUT BELOW EMBEDDED FLEXIBLE FLASHING TO MAINTAIN POSITIVE DRAINAGE TO WEEP
21	SLOPE BED OF MORTAR BELOW METAL DRIP EDGE TO MAINTAIN POSITIVE DRAINAGE TO OUTSIDE FACE OF VENEER
22	METAL DRIP EDGE WITH HEMMED EDGES, FORM DRIP (TURN DOWN IMMEDIATELY AT FACE OF WALL - DO NOT PROVIDE A FLAT SURFACE BEFORE FORMING DRIP)



2 SLAB-ON-GRADE BOUNDRY CONDITIONS
A5.2.1 3" = 1'-0"



NOTE: REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION PLANS, NOTES, AND DETAILS FOR ACTUAL FOUNDATION AND FOOTING CONSTRUCTION AND DEPTHS.

1 BASE-OF-EXTERIOR CAVITY WALL
A5.1.1 A5.2.1 3" = 1'-0"

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ANTHONY J. BELL III
Lic. No. 009147
3 | 1 | 2024
ARCHITECT

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CITY OF STAUNTON, VA 24401

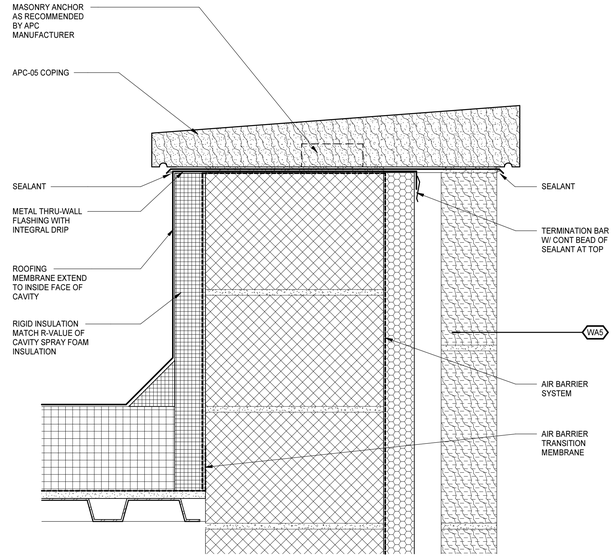
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

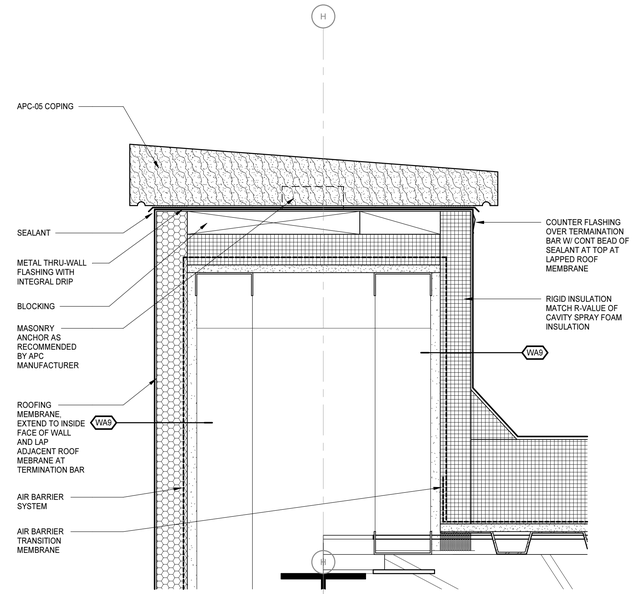
SECTION DETAILS

A5.2.1

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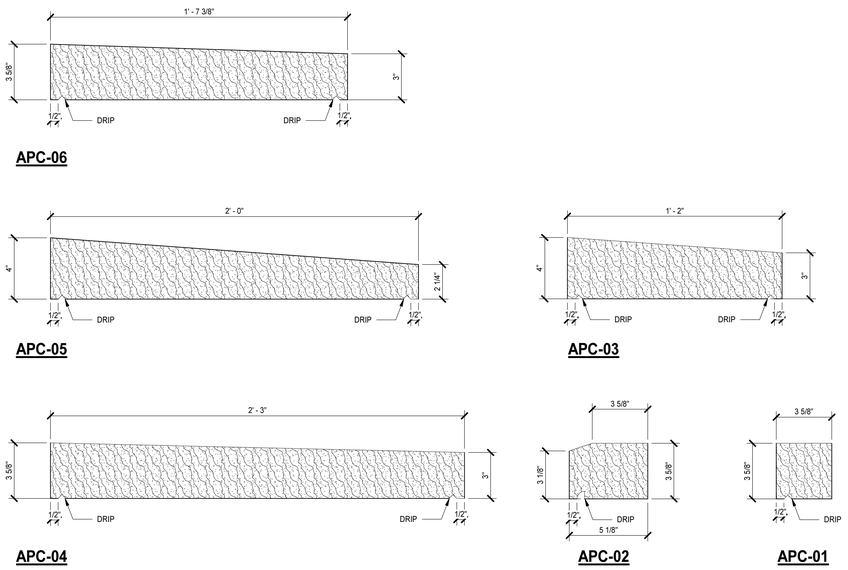


5 A6.1.1 | A5.2.2 — **WA5 PARAPET COPING AT HIGH ROOF** — 3" = 1'-0"

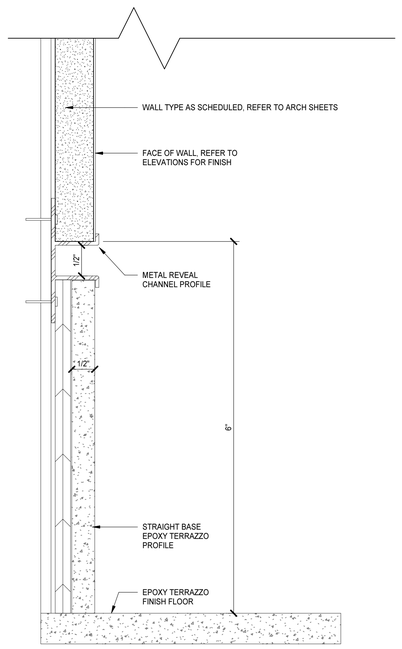


3 A6.1.1 | A5.2.2 — **WA9 PARAPET COPING AT HIGH ROOF** — 3" = 1'-0"

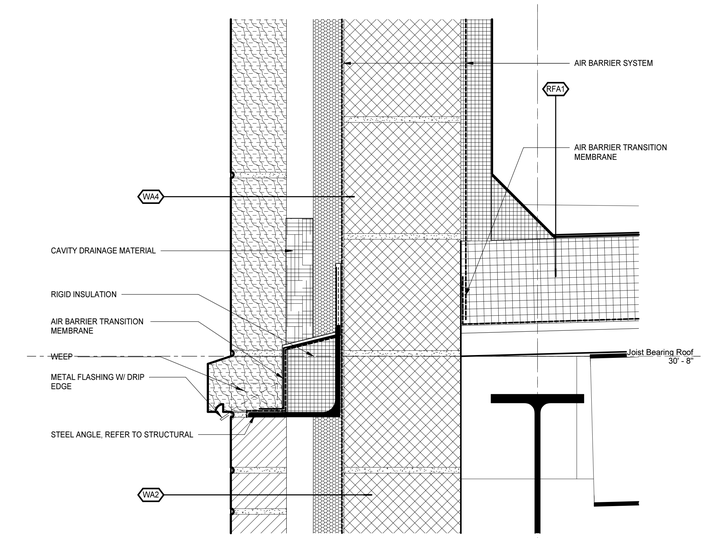
2 A5.1.2 | A5.2.2 — **PARAPET COPING** — 3" = 1'-0"



ARCHITECTURAL PRECAST SHAPES



4 TYP | A5.2.2 — **SECTION DETAIL - RECESSED TERRAZZO WALL BASE** — 12" = 1'-0"



1 A5.1.2 | A5.2.2 — **ACP TRIM DETAIL AT PARAPET** — 3" = 1'-0"

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CITY OF STAUNTON, VA 24401

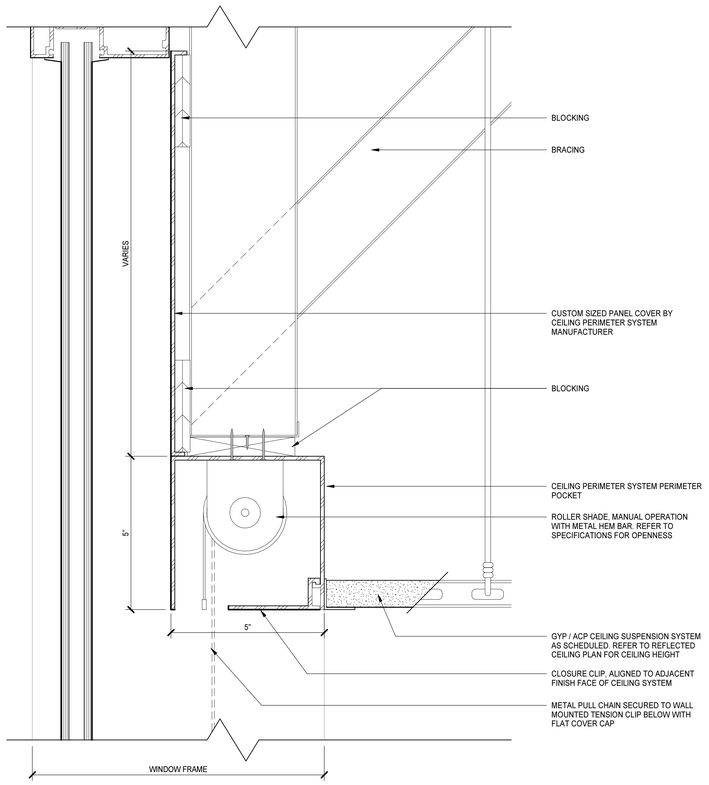
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

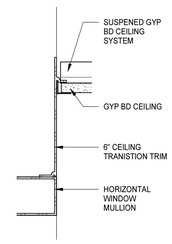
SECTION DETAILS

A5.2.2

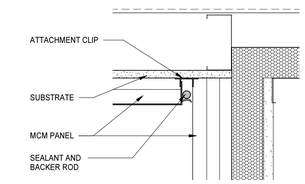
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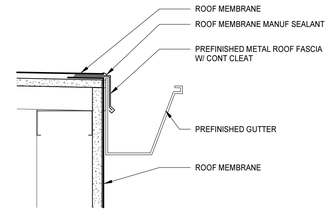
12 SECTION DETAIL - ROLLER SHADE POCKET
A5.1.1 A5.2.3 6" = 1'-0"



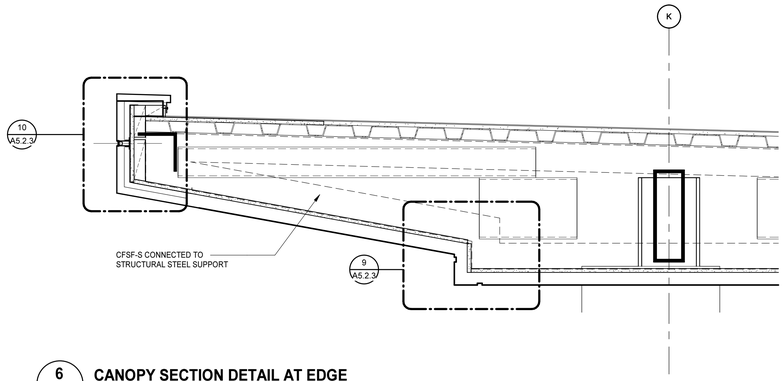
8 CEILING TRANSTION AT ENTRY
A5.1.1 A5.2.3 3" = 1'-0"



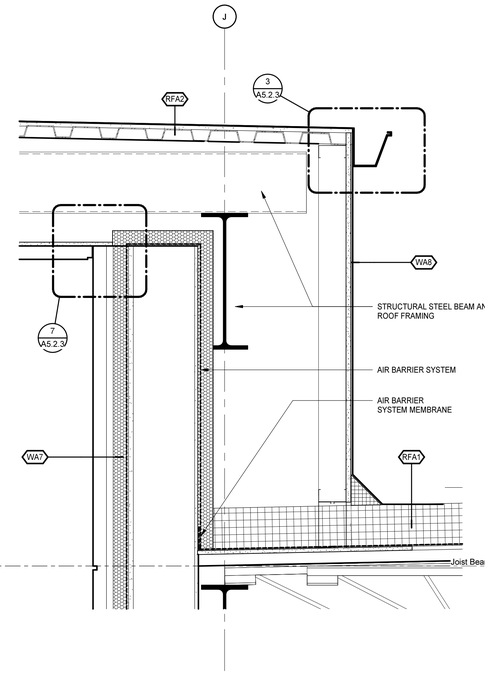
7 PANEL CORNER DETAIL
A5.2.3 A5.2.3 3" = 1'-0"



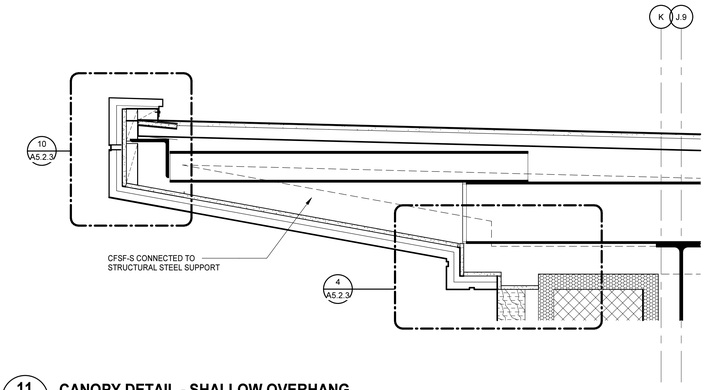
3 GUTTER DETAIL AT ROOF EDGE
A5.2.3 A5.2.3 3" = 1'-0"



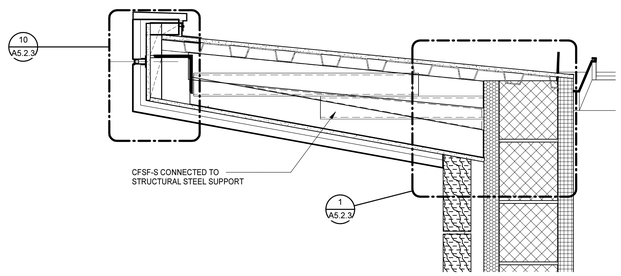
6 CANOPY SECTION DETAIL AT EDGE
A5.1.1 A5.2.3 1 1/2" = 1'-0"



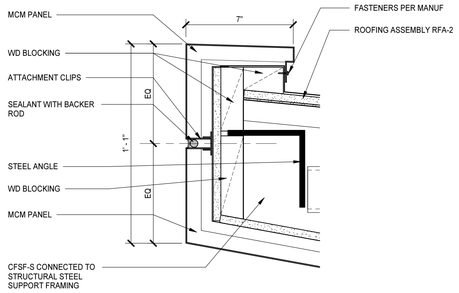
2 CANOPY AT METAL PANEL WALL
A5.1.1 A5.2.3 1 1/2" = 1'-0"



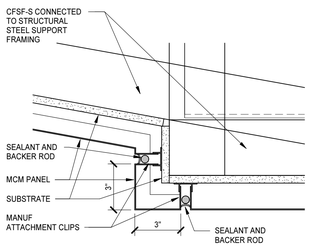
11 CANOPY DETAIL - SHALLOW OVERHANG
A5.1.1 A5.2.3 1 1/2" = 1'-0"



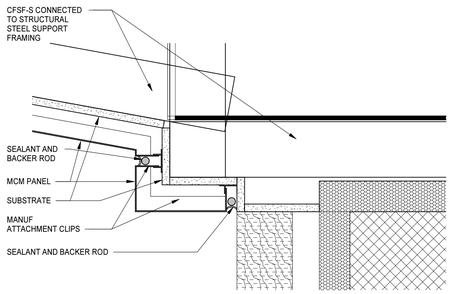
5 CANOPY SECTION DETAIL AT SIDE
A5.1.3 A5.2.3 1 1/2" = 1'-0"



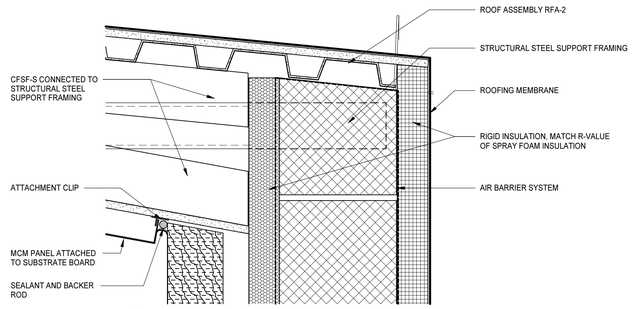
10 CANOPY EDGE ENLARGED DETAIL
A5.2.3 A5.2.3 3" = 1'-0"



9 MCM CANOPY TRANSITION
A5.2.3 A5.2.3 3" = 1'-0"



4 CANOPY DETAIL
A5.2.3 A5.2.3 3" = 1'-0"



1 SIDE CANOPY DETAIL AT WALL
A5.2.3 A5.2.3 3" = 1'-0"

NOTE: CFSF-S INDICATED TO SUPPORT MCM PANELS IS DIAGRAMMATIC ONLY. ACTUAL CFSF-S FRAMING TO SUPPORT MAY VARY. REFER TO SPECIFICATION SECTION 54000 COLD-FORMED STEEL FRAMING - STRUCTURAL FOR DESIGN REQUIREMENTS

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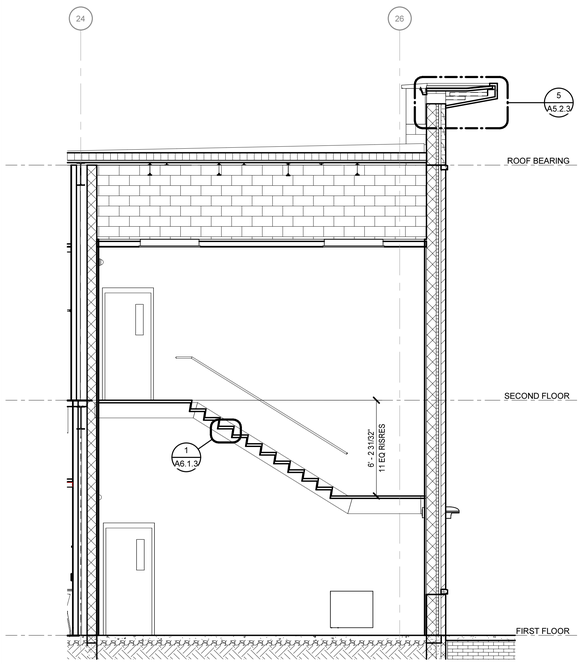
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

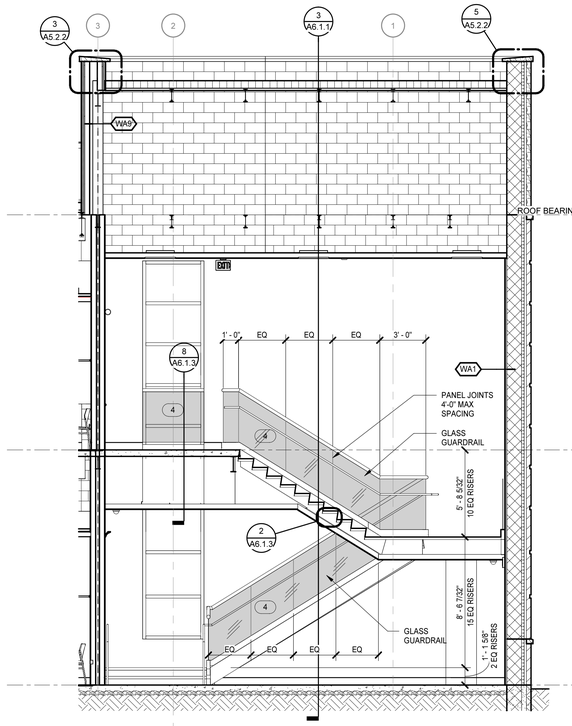
SECTION DETAILS

A5.2.3

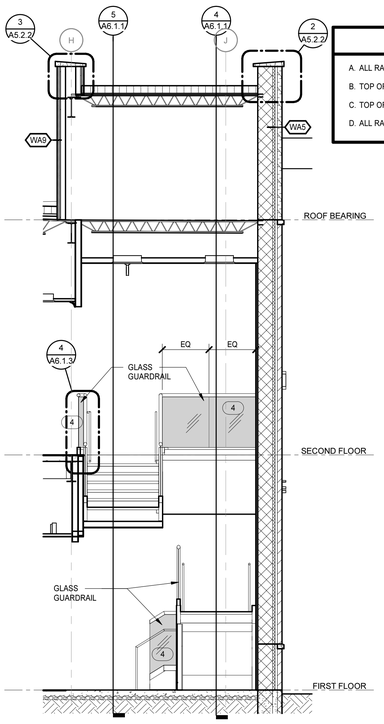
3/1/2024 9:37:59 AM



9 STAIR SECTION
A6.1.1 A6.1.1 1/4" = 1'-0"



5 STAIR SECTION AT OPEN STAIR
A6.1.1 A6.1.1 1/4" = 1'-0"



3 STAIR SECTION AT OPEN STAIR
A6.1.1 A6.1.1 1/4" = 1'-0"

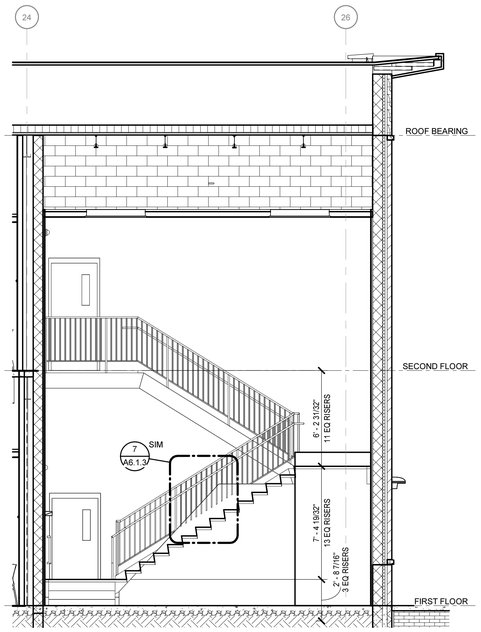
GENERAL NOTES

A. ALL RAILING INFILL PANELS: 3/4" X 3/4" STL BARS, UNO

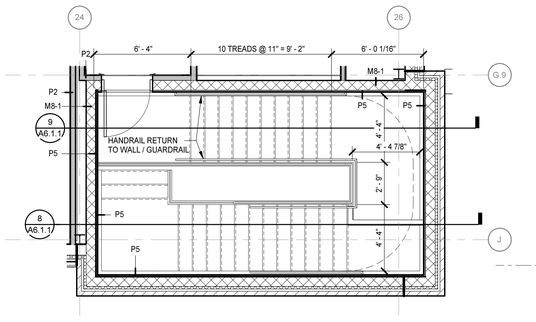
B. TOP OF HANDRAIL: 3'-0" ABOVE EDGE OF RISERS AND FINISH FLOOR

C. TOP OF GUARDS: 3'-7" ABOVE EDGE OF RISERS AND FINISH FLOOR

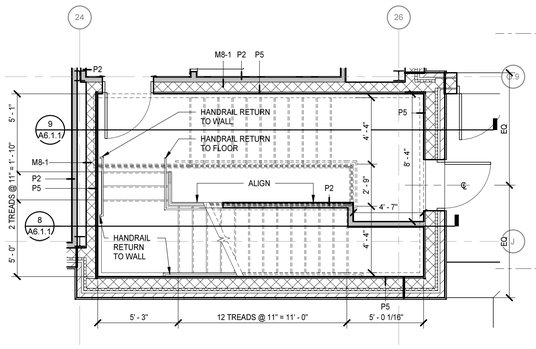
D. ALL RAILING: 1 1/4" STL PIPE, UNO



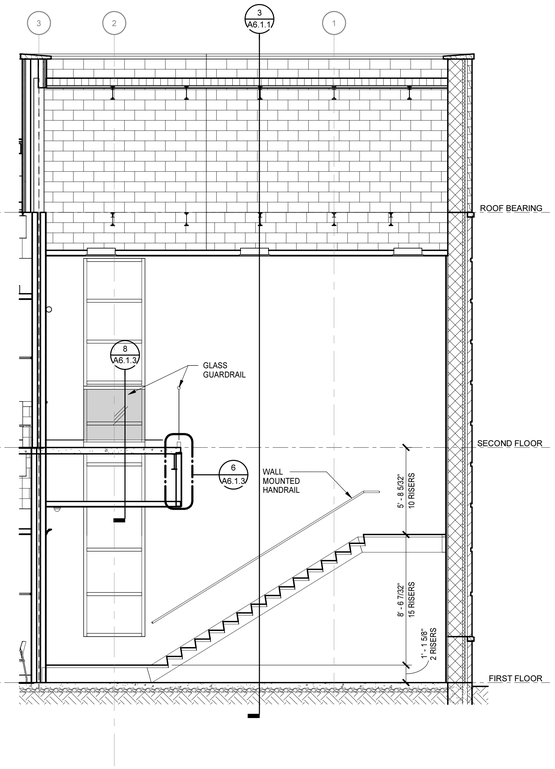
8 STAIR SECTION
A6.1.1 A6.1.1 1/4" = 1'-0"



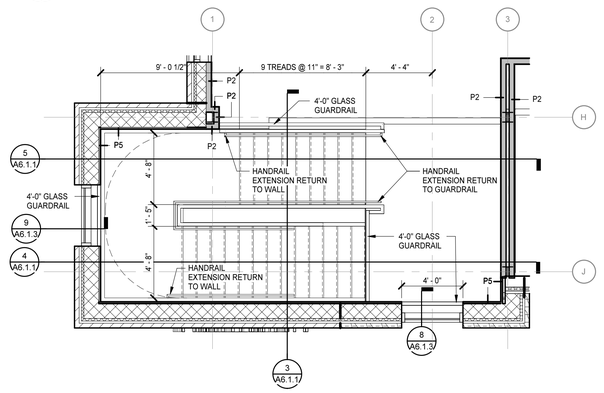
7 ENLARGED SECOND FLOOR PLAN - STAIR 2
A2.2.0 A6.1.1 1/4" = 1'-0"



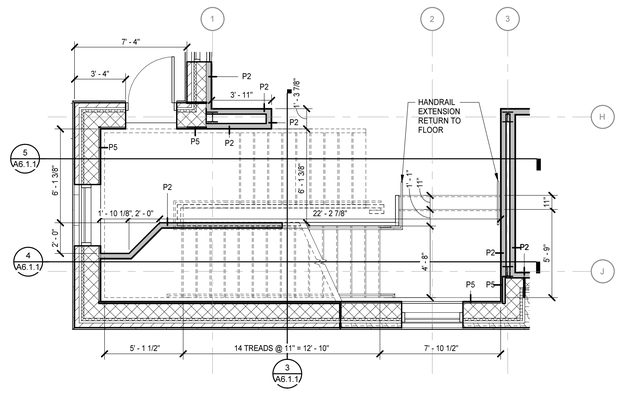
6 ENLARGED FIRST FLOOR PLAN - STAIR 2
A2.1.0 A6.1.1 1/4" = 1'-0"



4 STAIR SECTION
A6.1.1 A6.1.1 1/4" = 1'-0"



2 ENLARGED SECOND FLOOR PLAN - OPEN STAIR
A2.2.0 A6.1.1 1/4" = 1'-0"



1 ENLARGED FIRST FLOOR STAIR PLAN - OPEN STAIR
A2.1.0 A6.1.1 1/4" = 1'-0"

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3/1/2024
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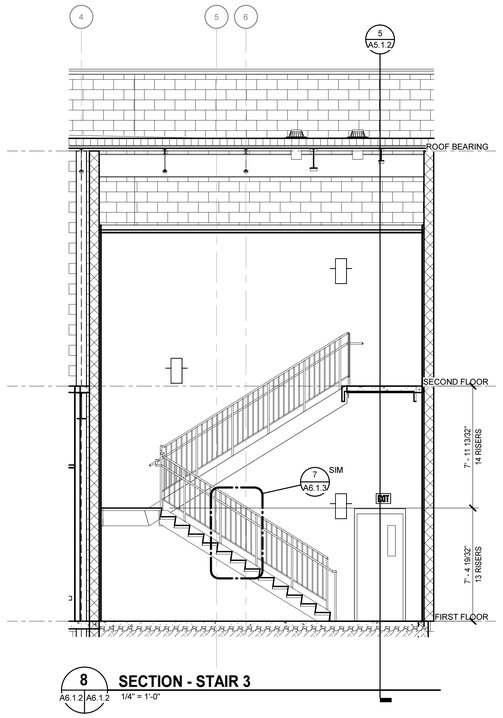
PROJECT NO: 630874
DATE: MARCH 1, 2024

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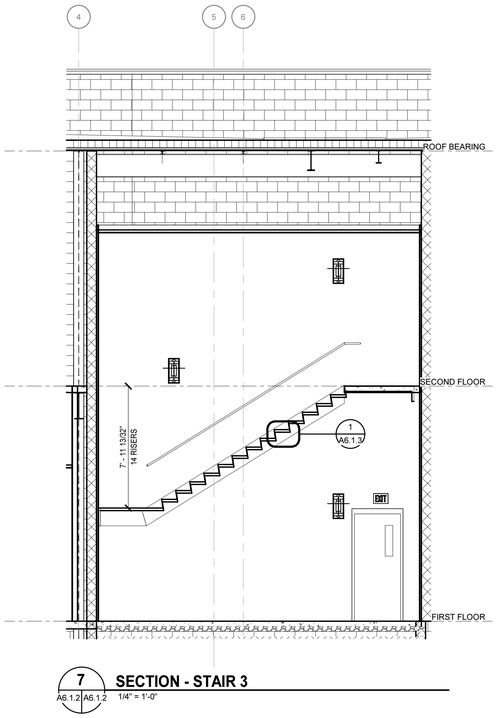
ENLARGED STAIR
PLANS & SECTIONS

A6.1.1

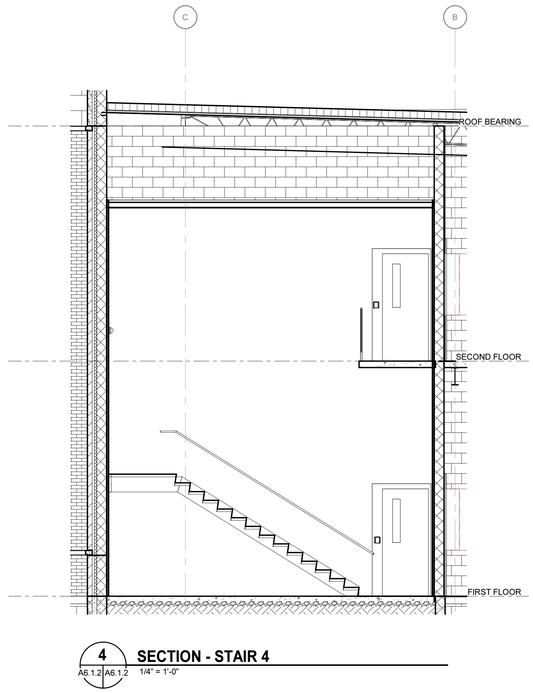
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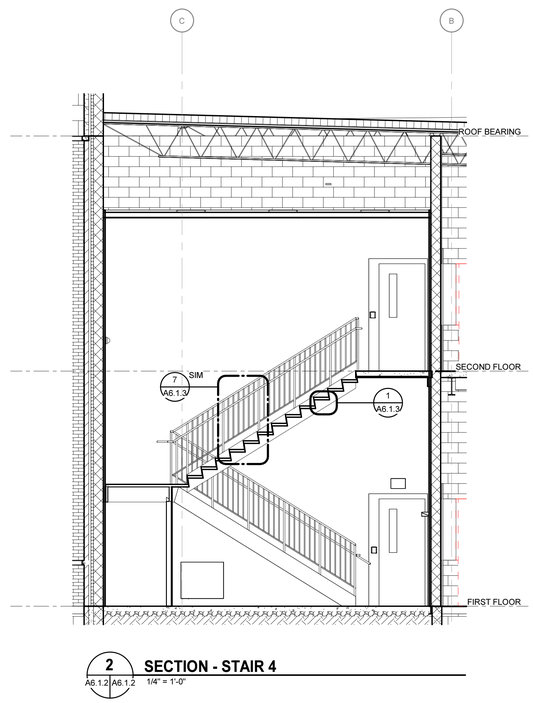
8 A6.1.2 A6.1.2 SECTION - STAIR 3
1/4" = 1'-0"



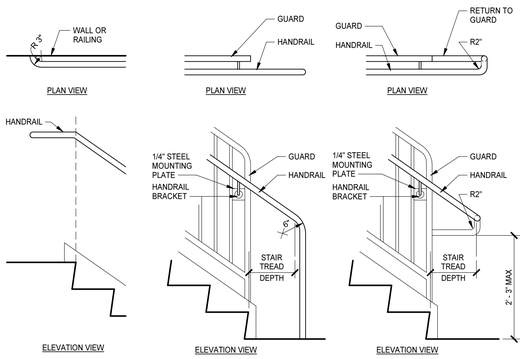
7 A5.1.2 A6.1.2 SECTION - STAIR 3
1/4" = 1'-0"

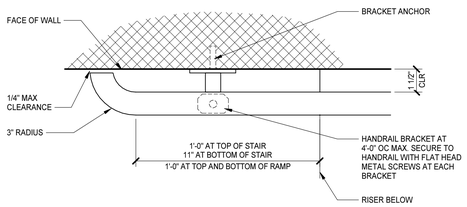


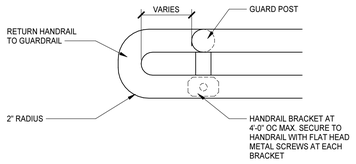
4 A6.1.2 A6.1.2 SECTION - STAIR 4
1/4" = 1'-0"

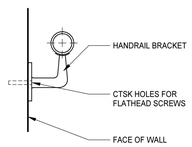


2 A6.1.2 A6.1.2 SECTION - STAIR 4
1/4" = 1'-0"

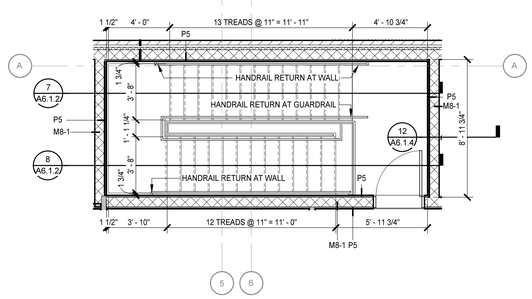




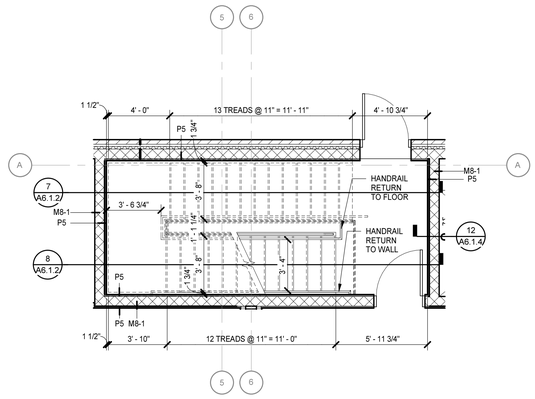




HANDRAIL DETAILS
NO SCALE



6 A2.2.0 A6.1.2 ENLARGED SECOND FLOOR PLAN - STAIR 3
1/4" = 1'-0"



5 A2.1.0 A6.1.2 ENLARGED FIRST FLOOR PLAN - STAIR 3
1/4" = 1'-0"

3 A2.2.0 A6.1.2 ENLARGED SECOND FLOOR PLAN - STAIR 4
1/4" = 1'-0"

1 A2.1.0 A6.1.2 ENLARGED FIRST FLOOR PLAN - STAIR 4
1/4" = 1'-0"

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PROJECT NO: 630874
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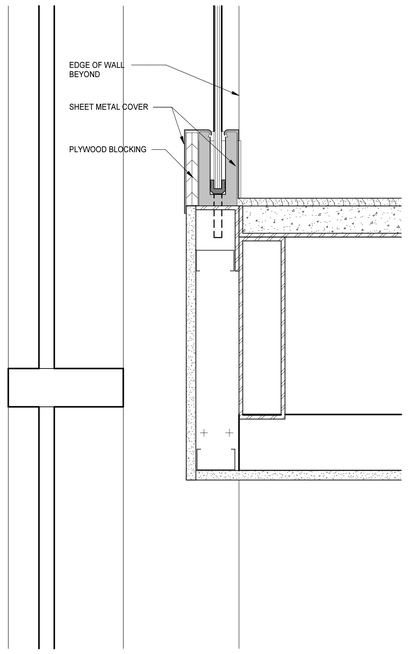
REVISIONS

DATE	DESCRIPTION

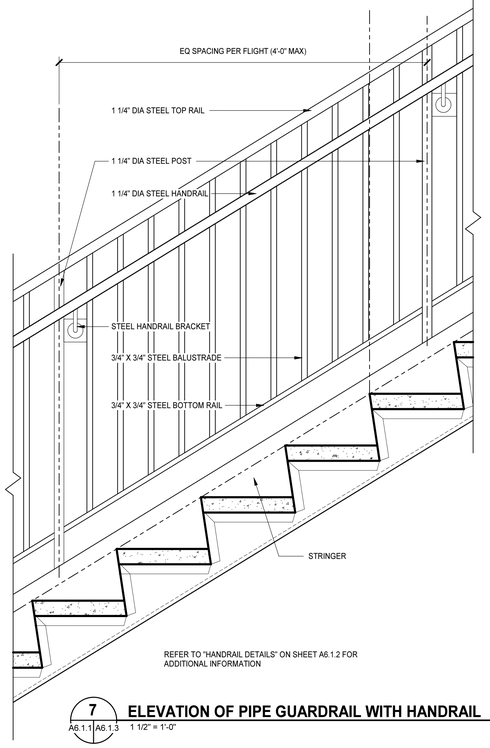
ENLARGED STAIR PLANS, SECTIONS & DETAILS

A6.1.2

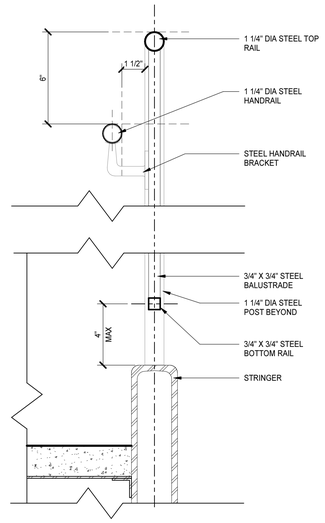
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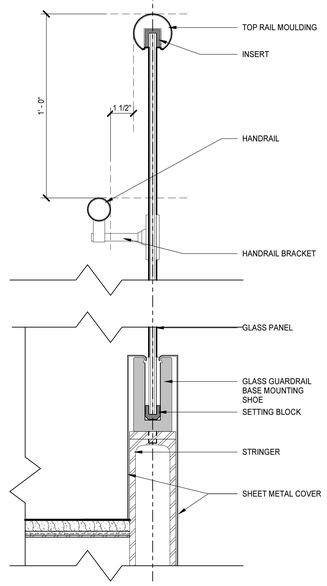
9 OPEN STAIR MIDDLE LANDING AT WINDOW
A5.1.2 A6.1.3 3" = 1'-0"



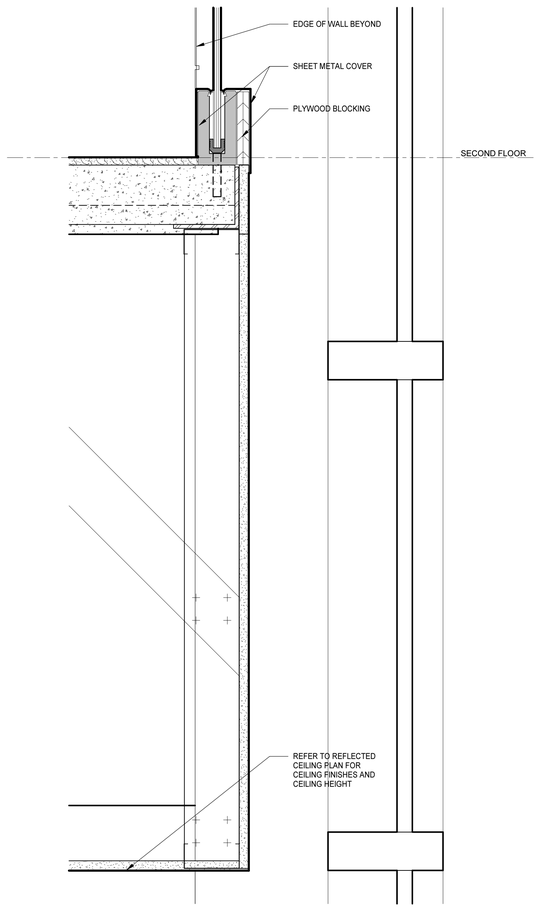
7 ELEVATION OF PIPE GUARDRAIL WITH HANDRAIL
A6.1.1 A6.1.3 1 1/2" = 1'-0"



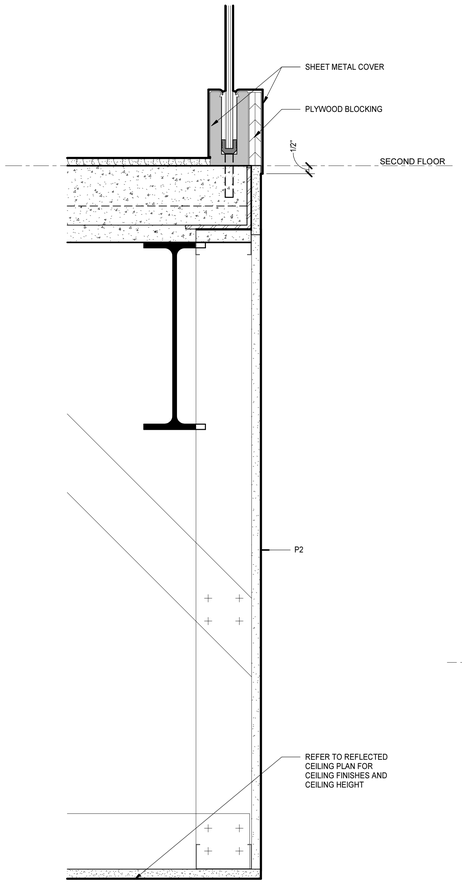
5 DETAIL AT PIPE GUARDRAIL WITH HANDRAIL
A6.1.3 3" = 1'-0"



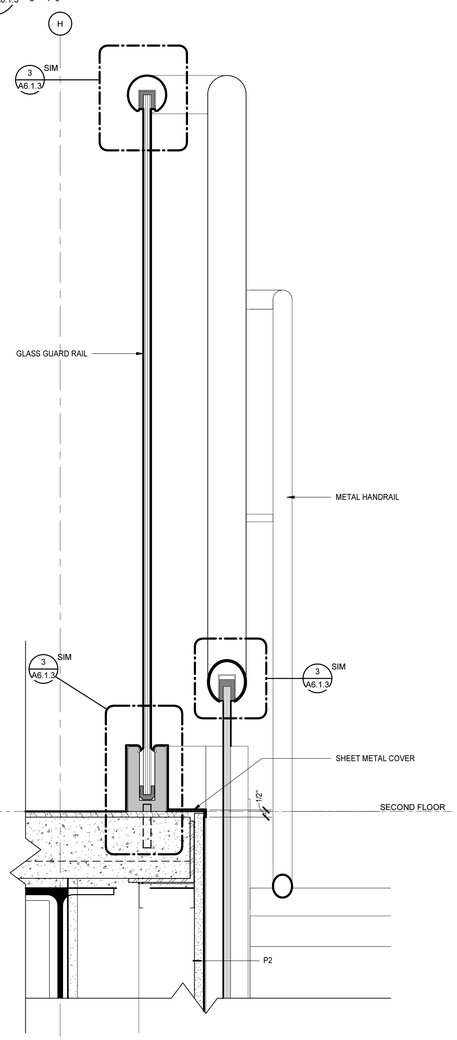
3 DETAIL AT GLASS GUARDRAIL WITH HANDRAIL
A6.1.3 A6.1.3 3" = 1'-0"



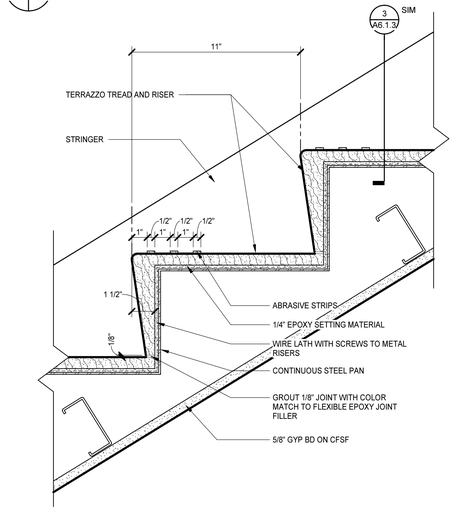
8 OPEN STAIR UPPER LANDING AT WINDOW
A6.1.1 A6.1.3 3" = 1'-0"



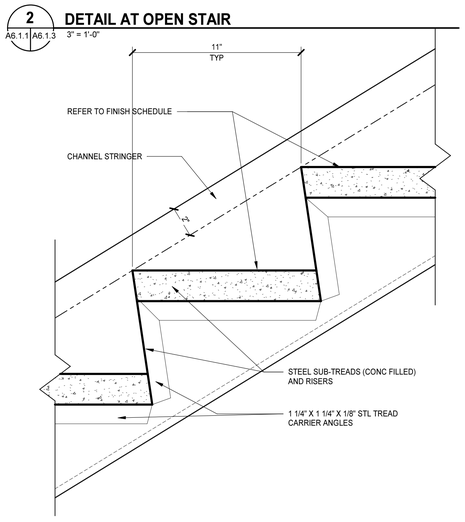
6 OPEN STAIR BULKHEAD DETAIL
A6.1.1 A6.1.3 3" = 1'-0"



4 OPEN STAIR SECTION DETAIL
A6.1.1 A6.1.3 3" = 1'-0"



1 DETAIL AT METAL PAN STAIR
A6.1.1 A6.1.3 3" = 1'-0"



2 DETAIL AT OPEN STAIR
A6.1.1 A6.1.3 3" = 1'-0"

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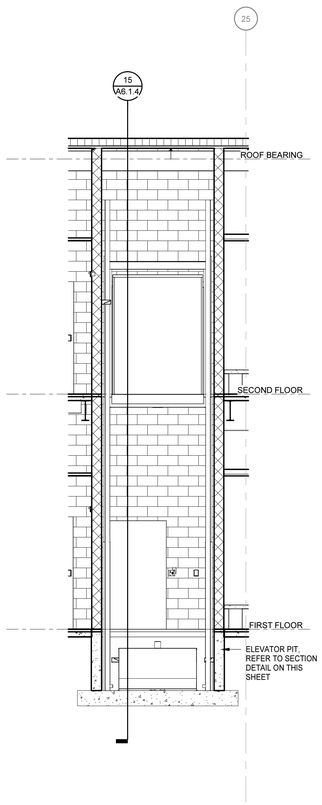
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DATE: MARCH 1, 2024

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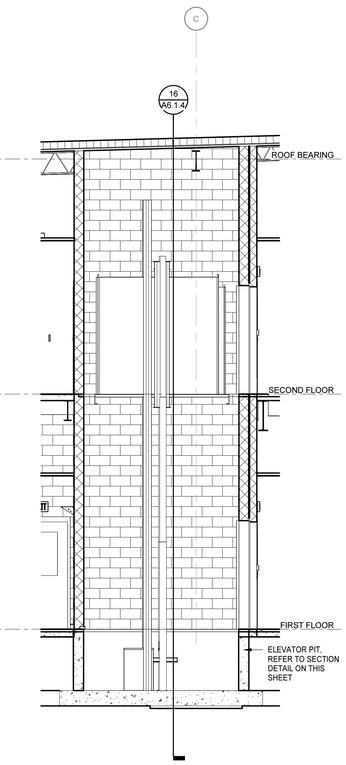
ENLARGED STAIR DETAILS

A6.1.3

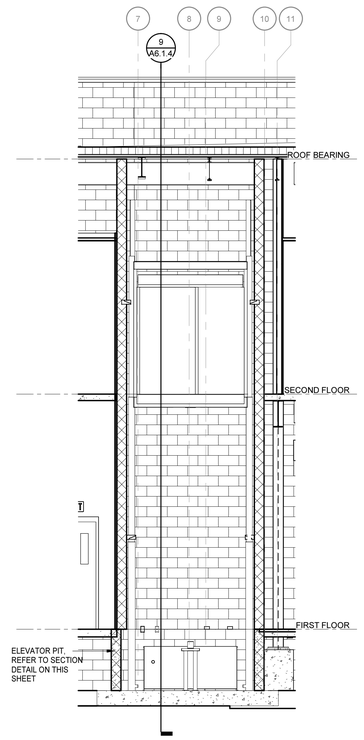
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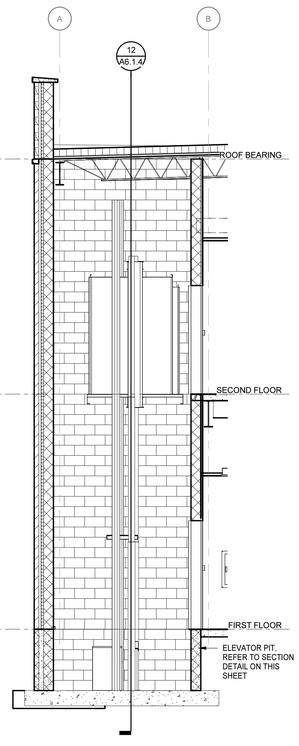
16 A6.1.4 A6.1.4 **SECURE ELEVATOR SECTION 2**
1/4" = 1'-0"



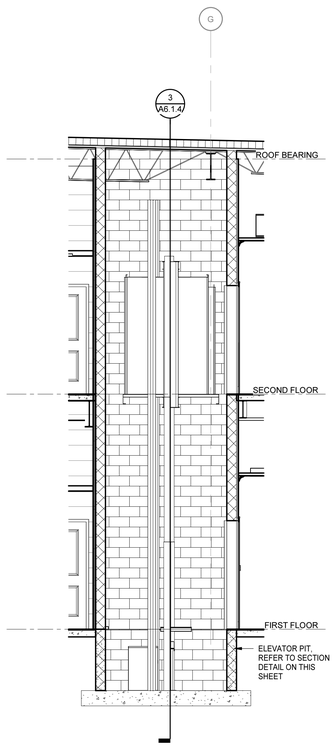
15 A6.1.4 A6.1.4 **SECURE ELEVATOR SECTION 1**
1/4" = 1'-0"



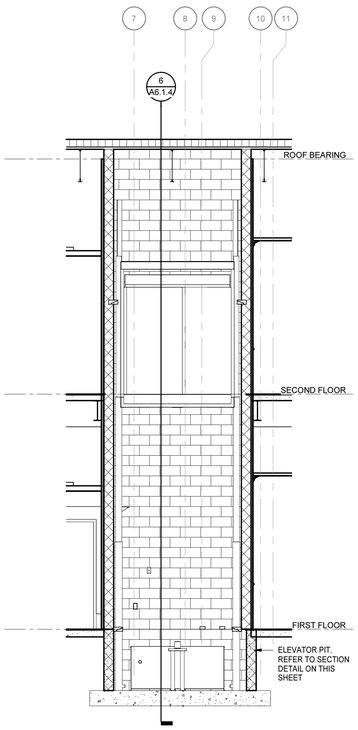
12 A6.1.2 A6.1.4 **STAFF ELEVATOR SECTION 1**
1/4" = 1'-0"



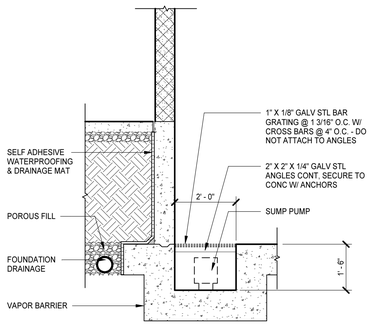
9 A6.1.4 A6.1.4 **STAFF ELEVATOR SECTION 2**
1/4" = 1'-0"



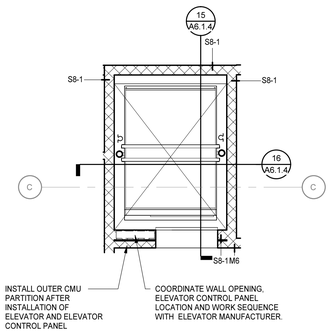
6 A6.1.4 A6.1.4 **PUBLIC ELEVATOR SECTION 2**
1/4" = 1'-0"



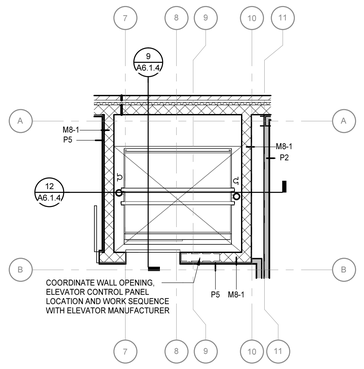
3 A6.1.4 A6.1.4 **PUBLIC ELEVATOR SECTION 1**
1/4" = 1'-0"



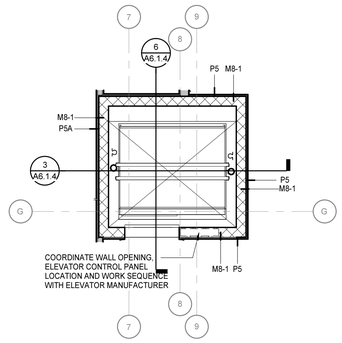
11 TYP A6.1.4 **ELEVATOR SUMP PIT DETAIL**
1/2" = 1'-0"



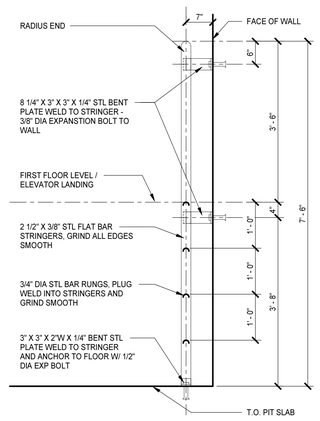
8 A2.0 A6.1.4 **ENLARGED SECOND FLOOR PLAN - SECURE ELEVATOR**
1/4" = 1'-0"



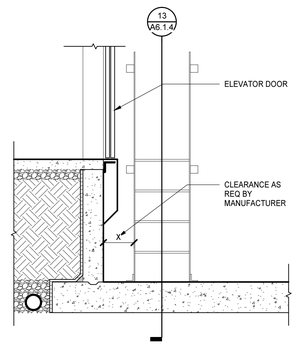
5 A2.0 A6.1.4 **ENLARGED SECOND FLOOR PLAN - STAFF ELEVATOR**
1/4" = 1'-0"



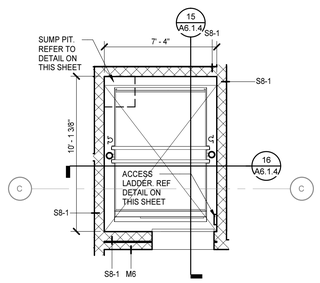
2 A2.2.0 A6.1.4 **ENLARGED SECOND FLOOR PLAN - PUBLIC ELEVATOR**
1/4" = 1'-0"



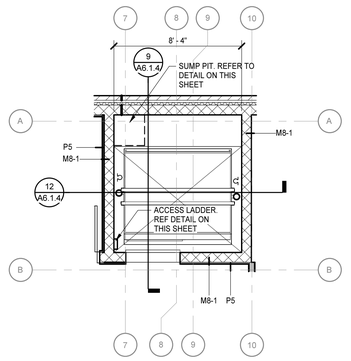
13 A6.1.4 A6.1.4 **ELEVATOR PIT LADDER SECTION**
3/4" = 1'-0"



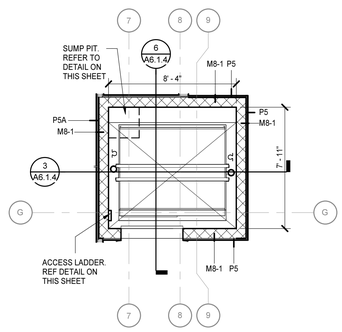
10 A6.1.4 **ELEVATOR PIT LADDER ELEVATION**
1/2" = 1'-0"



7 A2.1.0 A6.1.4 **ENLARGED FIRST FLOOR PLAN - SECURE ELEVATOR**
1/4" = 1'-0"



4 A2.1.0 A6.1.4 **ENLARGED FIRST FLOOR PLAN - STAFF ELEVATOR**
1/4" = 1'-0"



1 A2.1.0 A6.1.4 **ENLARGED FIRST FLOOR PLAN - PUBLIC ELEVATOR**
1/4" = 1'-0"

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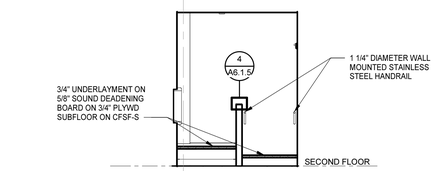
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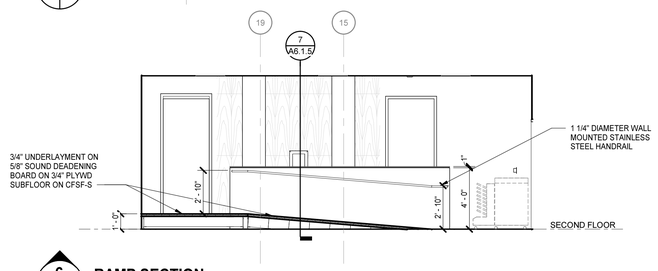
ENLARGED ELEVATOR PLANS, SECTIONS & DETAILS

A6.1.4

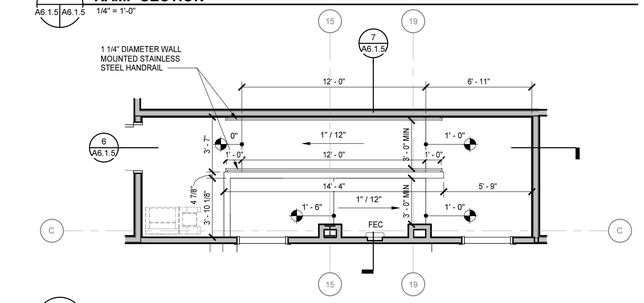
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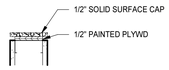
7 A6.1.5 A6.1.5 **RAMP SECTION**
1/4" = 1'-0"



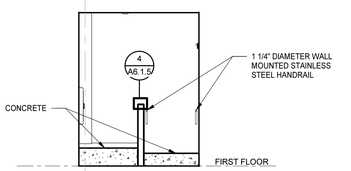
6 A6.1.5 A6.1.5 **RAMP SECTION**
1/4" = 1'-0"



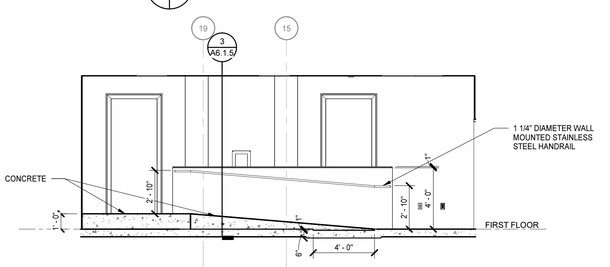
5 A7.2.2 A6.1.5 **ENLARGED SECOND FLOOR PLAN - RAMP 231**
1/4" = 1'-0"



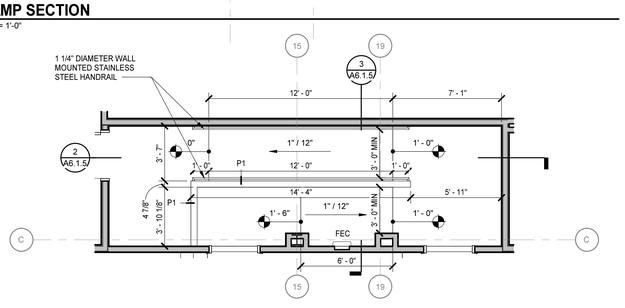
4 A6.1.5 A6.1.5 **DETAIL**
1 1/2" = 1'-0"



3 A6.1.5 A6.1.5 **RAMP SECTION**
1/4" = 1'-0"



2 A6.1.5 A6.1.5 **RAMP SECTION**
1/4" = 1'-0"



1 A7.2.1 A6.1.5 **ENLARGED FIRST FLOOR RAMP PLAN - RAMP 137**
1/4" = 1'-0"

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3/1/2024
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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

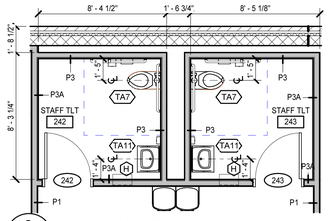
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

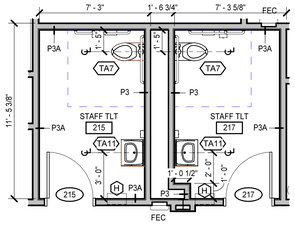
ENLARGED RAMP PLANS & DETAILS

A6.1.5

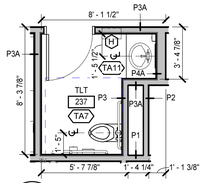
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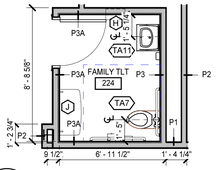
8 A7.1.1 **ENLARGED TOILETS 242 & 243**
1/4" = 1'-0"



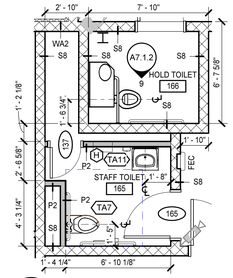
7 A2.2.0 A7.1.1 **ENLARGED TOILETS 215 & 217**
1/4" = 1'-0"



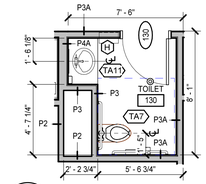
6 A2.2.0 A7.1.1 **ENLARGED TOILET 237**
1/4" = 1'-0"



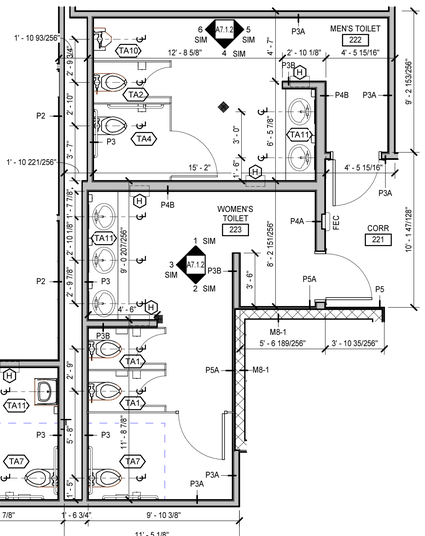
5 A2.2.0 A7.1.1 **ENLARGED TOILET 224**
1/4" = 1'-0"



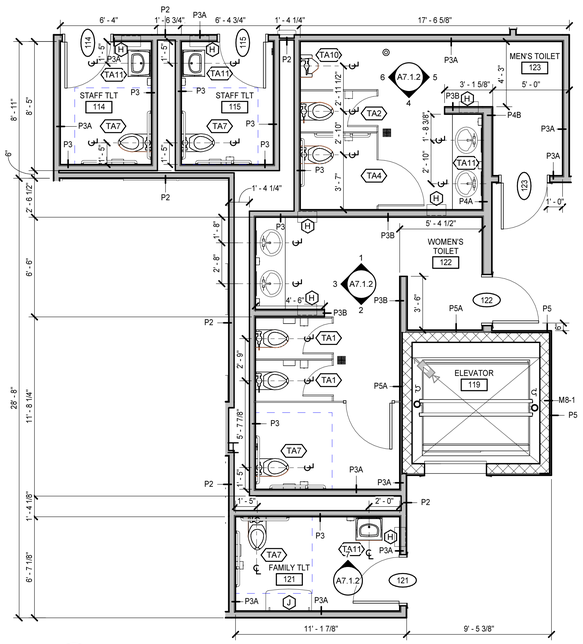
3 A7.1.1 **ENLARGED TOILETS 165 & 166**
1/4" = 1'-0"



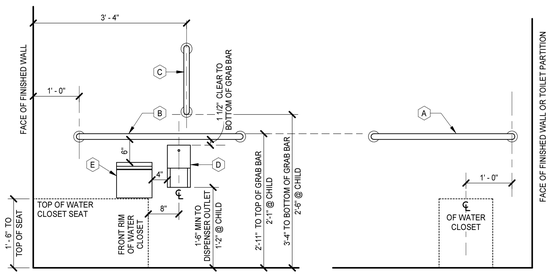
2 A7.1.1 **ENLARGED TOILET 130**
1/4" = 1'-0"



4 A2.2.0 A7.1.1 **ENLARGED SECOND FLOOR PUBLIC RESTROOMS**
1/4" = 1'-0"



1 A2.1.0 A7.1.1 **ENLARGED FIRST FLOOR PUBLIC RESTROOMS**
1/4" = 1'-0"



WATER CLOSET ELEVATIONS
3/4" = 1'-0"

TOILET ASSEMBLIES

APPLIES TO DRAWINGS A7.1 - A7.nn
REPRESENTED BY (TAn)

MARK	REMARKS	PLAN
TA1		2'-10" CLEAR, UNO; * 1'-3" MIN; 5'-0" CLEAR; TOILET PARTITION TOILET PARTITION OR WALL; WATER CLOSET
TA2	OMIT (E)	
BARRIER FREE TA3		5'-0" CLEAR; 4" MAX; 5'-0" CLEAR; 1'-6"; TOILET PARTITION OR WALL; WATER CLOSET
BARRIER FREE TA4	OMIT (E)	
BARRIER FREE TA5		3'-0" CLEAR; TOILET PARTITION; 5'-0" CLEAR; 1'-6"; TOILET PARTITION OR WALL; WATER CLOSET
BARRIER FREE TA6	OMIT (E)	
BARRIER FREE TA7		WATER CLOSET
BARRIER FREE TA8	OMIT (E)	
TA9		2'-6" CLR; URINAL SCREEN; UNO; WALL, TOILET PARTITION, OR URINAL SCREEN; 1'-10"; 1'-3" MIN; 1'-3" MIN; URINAL

MARK	REMARKS	PLAN
BARRIER FREE TA10		3'-0" CLEAR; URINAL SCREEN; WALL, TOILET PARTITION, OR URINAL SCREEN; 1'-10"; 1'-6" MIN; 1'-6" MIN; URINAL
TA11	CENTER (G) OVER LAVATORY	G F; 1'-3" MIN; LAVATORY
BARRIER FREE TA12		C J L; 1'-6" CLR INSIDE; H; SEAT WALL; CONTROL WALL; 3'-0" CLR INSIDE
TA13	OMIT (C H J)	SHOWER - TRANSFER STYLE
BARRIER FREE TA14		CONTROL WALL; 5'-0" CLR INSIDE; 2'-6" CLR INSIDE; N L K N; SHOWER - ROLL-IN STYLE
BARRIER FREE TA15		C P L M; 2'-6" CLR INSIDE; N; CONTROL WALL; 5'-0" CLR INSIDE; BATHTUB

LEGEND NOTES:

A. HANDING/ORIENTATION MAY VARY. REFER TO PLANS FOR PROPER ORIENTATION.

B. PLUMBING FIXTURE GRAPHICS IN THIS LEGEND ARE REPRESENTATIVE ONLY. ACTUAL PLUMBING FIXTURES MAY VARY.

C. COAT/ROBE HOOKS INDICATED ON THE BACK OF TOILET COMPARTMENT DOORS ARE PART OF THE TOILET COMPARTMENT ASSEMBLY AND ARE NOT CONSIDERED A TOILET ACCESSORY.

TOILET ASSEMBLIES, SCHEDULE AND ENLARGED PLAN GENERAL NOTES

A. PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION. WHERE APPLIED FINISHES OCCUR-SUCH AS CERAMIC TILE-DIMENSIONS ARE TO FACE OF APPLIED FINISH. FOR WAINSCOTS, FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT ALLOWED TO REDUCE CLEAR DIMENSIONS. "APPLIED FINISHES" IN THIS CASE DO NOT INCLUDE TRIM, BASE, AND ACOUSTIC WALL PANELS.

B. CLEAR DIMENSIONS ARE TO FACE OF APPLIED WALL AND PARTITION FINISHES.

C. PROVIDE IN WALL BLOCKING FOR MOUNTING OF TOILET ACCESSORIES. COORDINATE WITH PRODUCT MANUFACTURER'S INSTALLATION INSTRUCTIONS.

TOILET ACCESSORIES SCHEDULE

MARK	DESCRIPTION	MOUNTING HEIGHT	REMARKS
A	36" HORIZONTAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
B	42" HORIZONTAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
C	18" VERTICAL GRAB BAR	REFER TO WATER CLOSET ELEVATIONS	
D	TOILET TISSUE DISPENSER	REFER TO WATER CLOSET ELEVATIONS	
E	SANITARY NAPKIN DISPOSAL	REFER TO WATER CLOSET ELEVATIONS	
F	SOAP DISPENSER	3'-4" AFF TO DISPENSING OUTLET	
G	MIRROR (18" x 36"), OVER LAV AND CONTERTOP	3'-4" AFF TO BOTTOM OF REFLECTIVE SURFACE	
H	COMBINATION PAPER TOWEL DISPENSER / WASTE UNIT	3'-8" AFF TO DISPENSING OUTLET OR OPERABLE PART IF PRESENT	SEMI-RECESSED
T	MOP & BROOM HOLDER W/ SHELF	5'-0" AFF TO TOP OF SHELF	

1. ACCESSORY ITEMS ARE IDENTIFIED BY (⬡) ON PLANS. LETTERS CORRESPOND TO SCHEDULE ABOVE.
2. ACTUAL DIMENSIONS OF ACCESSORIES MAY VARY. COORDINATE DIFFERENCES, IF ANY.
3. REFER TO ALL CASEWORK ELEVATIONS FOR ADDITIONAL TOILET ACCESSORY LOCATIONS.
4. PROVIDE MOP AND BROOM HOLDER W/ SHELF (T) AT ALL CUSTODIAL/JANITORIAL SINKS. MOUNT AT 5'-0" AFF TO CENTERLINE AND LOCATE ON SIDE WALL OF SINK (NOT ON WALL ABOVE FAUCET).
5. PROVIDE ROBE HOOK ON INTERIOR FACE OF ALL TOILET ROOM DOORS WHEREIN ONLY ONE WATER CLOSET IS PROVIDED. MOUNT AT 3'-11" AFF TO TOP.

DETENTION EQUIPMENT SCHEDULE

NO	DESCRIPTION	MOUNTING HEIGHT	DETAIL	NOTES
D1	DETENTION MIRROR, SINGLE	REFER TO DETAIL	1/A7.3.2	
D2	DETENTION MIRROR, DOUBLE	REFER TO DETAIL	2/A7.3.2	
D3	GRAB BAR, ANTI-LIGATURE, 42"	REFER TO DETAIL	3/A7.3.2	
D4	GRAB BAR, ANTI-LIGATURE, 18" VERTICAL	REFER TO DETAIL	3/A7.3.2	
D5	DETENTION TOILET PAPER ROLL HOLDER, RECESSED	REFER TO DETAIL	4/A7.3.2	
D6	HOPPER PASS	REFER TO DETAIL	10/A7.3.2	
D7	SS COUNTER, 12" DEPTH		7/A7.3.2	REFER TO DETAIL
D8	DETENTION SWING STOOL	REFER TO DETAIL	6/A7.3.2	
D9	PISTOL LOCKER, 6 COMPARTMENT, SURFACE MTD	REFER TO DETAIL	5/A7.3.2	
D10	STAINLESS STL BENCH - 6'-0"	FLOOR MOUNTED	9/A7.3.2	
D11	STAINLESS STL BENCH - 5'-0"	FLOOR MOUNTED	9/A7.3.2	
D14	STAINLESS STL BENCH - 4'-0"	FLOOR MOUNTED	9/A7.3.2	
D15	KEY CABINET	WALL MOUNTED	---	REFER TO SECTION 111960
D16	SS COUNTER, 24" DEPTH		8/A7.3.2	REFER TO DETAIL

MOSELEYARCHITECTS
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ANTHONY J. BELL III
Lic. No. 009147
3/1/2024
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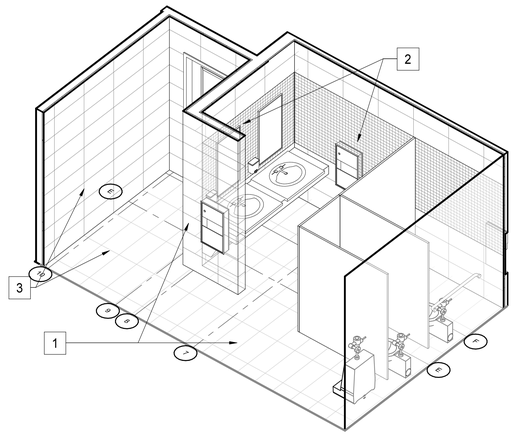
REVISIONS

DATE	DESCRIPTION

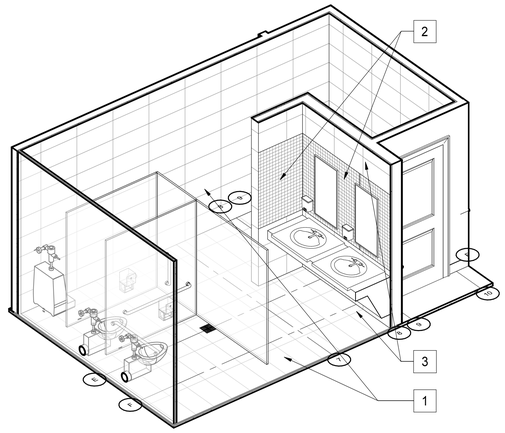
TOILET ASSEMBLIES, SCHEDULES AND ENLARGED PLANS

A7.1.1

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B 3D VIEW REFERENCE .
NO SCALE



A 3D VIEW REFERENCE
NO SCALE

TOILET ASSEMBLIES

APPLIES TO DRAWINGS A7.1 - A7.nn
REPRESENTED BY TAn

MARK	REMARKS	PLAN
TA1		2'-10" CLEAR, UNO; D, E; * 1'-3" MIN; 5'-0" CLEAR; TOILET PARTITION OR WALL; WATER CLOSET
TA2	OMIT E	
BARRIER FREE TA3		5'-0" CLEAR; 4" MAX; B, C, D, E, A; 5'-0" CLEAR; 1'-6"; TOILET PARTITION OR WALL; WATER CLOSET
BARRIER FREE TA4	OMIT E	
BARRIER FREE TA5		3'-0" CLEAR; B, C, D, E; 5'-0" CLEAR; TOILET PARTITION; 1'-6"; TOILET PARTITION OR WALL; WATER CLOSET
BARRIER FREE TA6	OMIT E	
BARRIER FREE TA7		B, C, D, E, A; WATER CLOSET
BARRIER FREE TA8	OMIT E	
TA9		2'-6" CLR; URINAL SCREEN; UNO; WALL, TOILET PARTITION, OR URINAL SCREEN; 1'-10"; 1'-3" MIN; 1'-3" MIN; URINAL
BARRIER FREE TA10		3'-0" CLEAR; URINAL SCREEN; WALL TOILET PARTITION OR URINAL SCREEN; 1'-10"; 1'-6" MIN; 1'-6" MIN; URINAL
TA11	CENTER G OVER LAVATORY	G, F; 1'-3" MIN; LAVATORY
BARRIER FREE TA12		C, J, L; H; 1'-6" CLR INSIDE; SEAT WALL; CONTROL WALL; 3'-0" CLR INSIDE
TA13	OMIT C H J	SHOWER - TRANSFER STYLE
BARRIER FREE TA14		CONTROL WALL; 5'-0" CLR INSIDE; 2'-6" CLR INSIDE; N, L, K, N; SHOWER - ROLL-IN STYLE
BARRIER FREE TA15		C, P, L, M; N; 2'-6" CLR INSIDE; CONTROL WALL; 5'-0" CLR INSIDE; BATHTUB

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C. PROVIDE IN WALL BLOCKING FOR MOUNTING OF TOILET ACCESSORIES. COORDINATE WITH PRODUCT MANUFACTURER'S INSTALLATION INSTRUCTIONS.

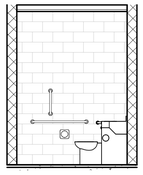
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F	SOAP DISPENSER	3'-4" AFF TO DISPENSING OUTLET	
G	MIRROR (18" x 36"), OVER LAV AND CONTERTOP	3'-4" AFF TO BOTTOM OF REFLECTIVE SURFACE	
H	COMBINATION PAPER TOWEL DISPENSER / WASTE UNIT	3'-6" AFF TO DISPENSING OUTLET OR OPERABLE PART IF PRESENT	SEMI-RECESSED
T	MOP & BROOM HOLDER W/ SHELF	5'-0" AFF TO TOP OF SHELF	

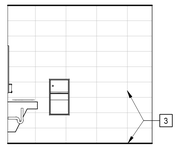
GENERAL FINISH KEYNOTES

APPLIES TO DRAWINGS A7.1.2 SERIES

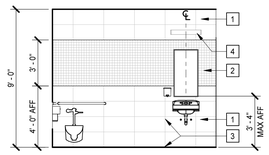
1	P-TILE-A
2	P-TILE-B
3	ALIGN WALL TILE JOINTS WITH FLOOR PATTERN JOINTS, REFER TO 3D VIEW REFERENCES
4	WALL SCONCE, REFER TO ELECTRICAL



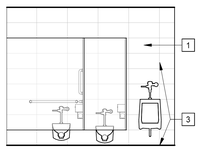
9 A3.0.1 A7.1.2 HOLD TOILET 166 SOUTH
1/4" = 1'-0"



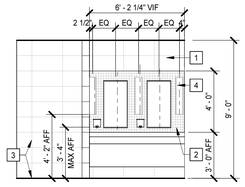
8 A2.2.0 A7.1.2 TOILET 223 NORTH
1/4" = 1'-0"



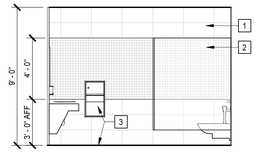
7 A3.0.1 A7.1.2 FAMILY TOILET - TYP NORTH
1/4" = 1'-0"



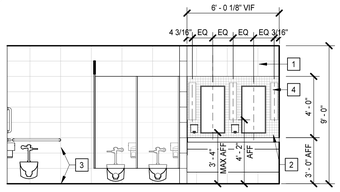
6 TYP A7.1.2 MEN'S TOILET - TYP WEST
1/4" = 1'-0"



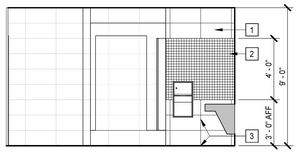
5 TYP A7.1.2 MEN'S TOILET - TYP EAST
1/4" = 1'-0"



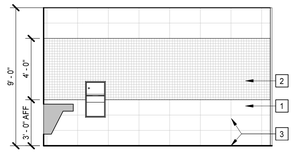
4 TYP A7.1.2 MEN'S TOILET - TYP SOUTH
1/4" = 1'-0"



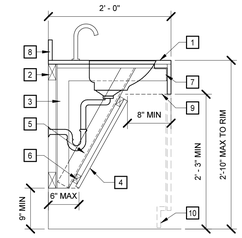
3 TYP A7.1.2 WOMEN'S TOILET - TYP WEST
1/4" = 1'-0"



2 TYP A7.1.2 WOMEN'S TOILET - TYP SOUTH
1/4" = 1'-0"



1 TYP A7.1.2 WOMEN'S TOILET - TYP NORTH
1/4" = 1'-0"



1. SSM COUNTERTOP W/ APRON
2. 2X WD LEDGER ANCHOR AT EACH STUD
3. 2 1/2" x 1/2" x .185 STL ANGLE BRACKET CENTERED BETWEEN LAVATORIES AND AT OPEN ENDS, 4'-0" MAX
4. REMOVABLE PLAM ACCESS PANEL, 4'-0" WIDE MAX
5. 1X WD BACKER SCREW-ATTACHED TO STL BRACKET
6. CONT 1X2 WD BLOCKING W/ BRACKETS FOR Z CLIPS
7. 2 1/2" x 1/2" x .185 STL ANGLE APRON CARRIER CONT
8. 4" SSM BACKSPLASH
9. FINISHED END PANEL BEYOND
10. AT LOCATIONS WITH BASE CABINETS, TOE KICK ATTACHED TO CABINET DOOR PANEL WITH 1/4" REVEAL AFF

11 ADA SINK SECTION
1" = 1'-0"

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
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MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
ANTHONY J. BELL III
Lic. No. 009147
3/1/2024
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STAUNTON J&DR COURTS FACILITY

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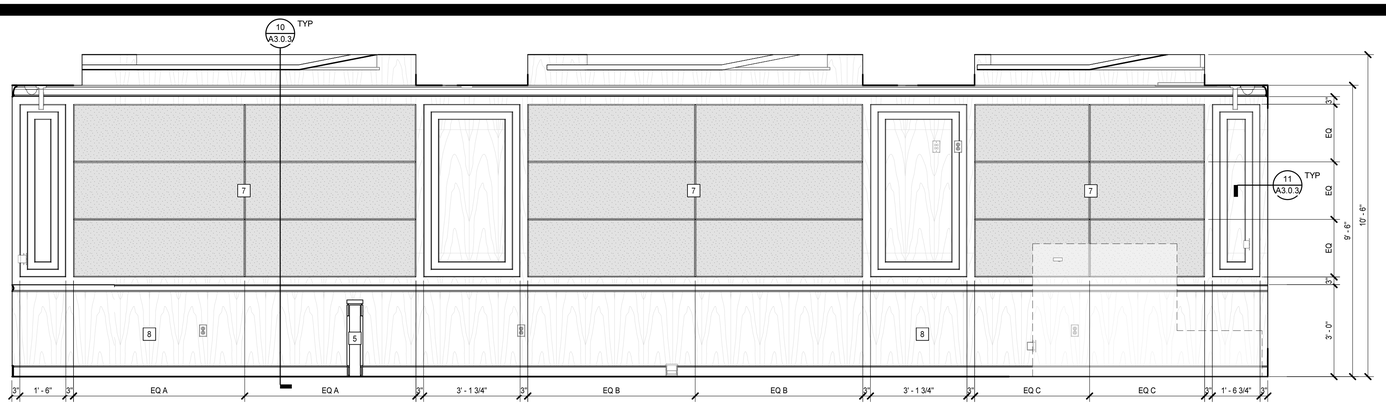
REVISIONS

DATE	DESCRIPTION

TOILET ASSEMBLIES, SCHEDULES AND ELEVATIONS

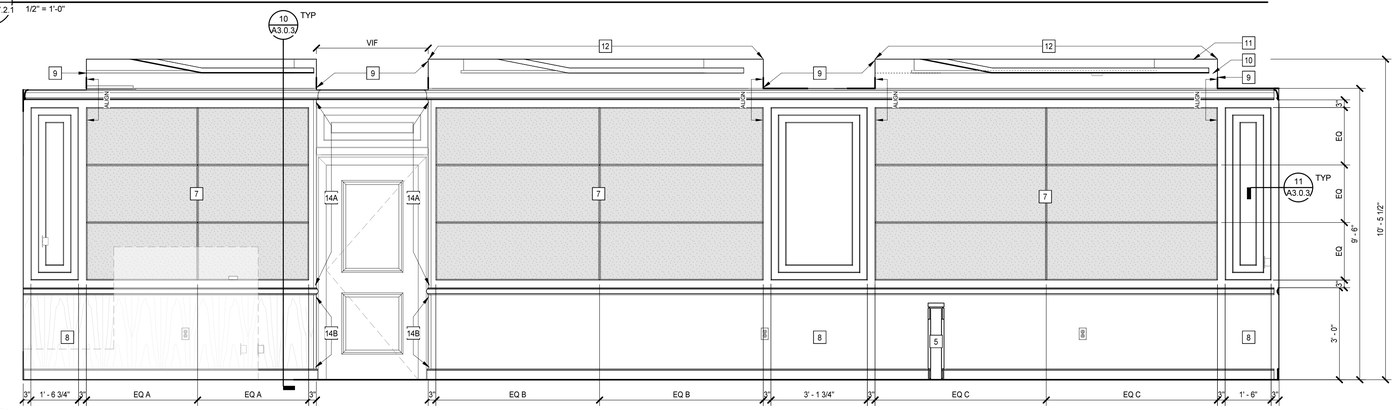
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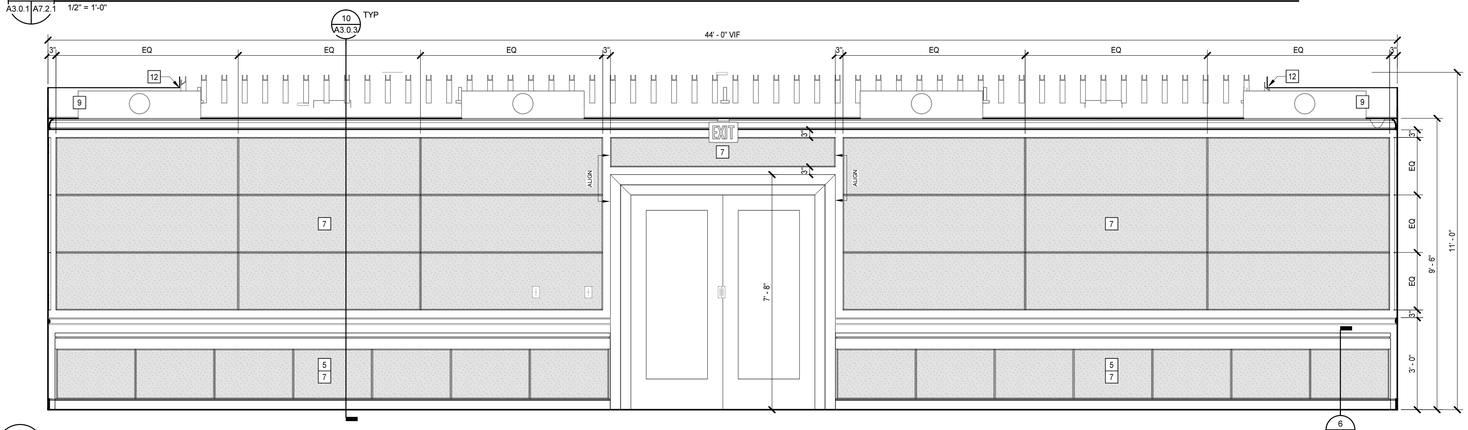
5 J&DR COURTOOM 127 WEST

A3.0.1 | A7.2.1 1/2" = 1'-0"



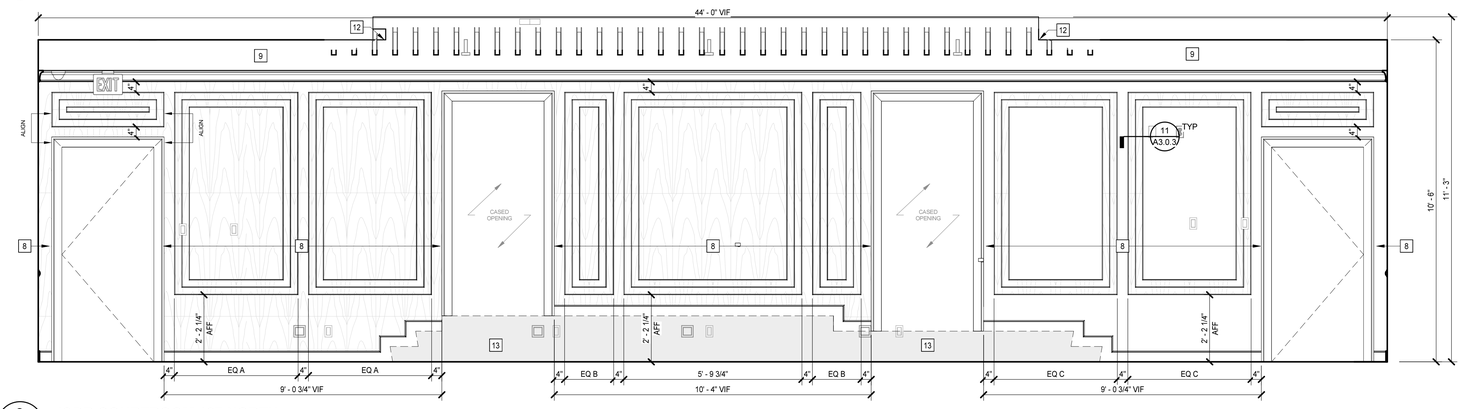
4 J&DR COUTROOM 127 EAST

A3.0.1 | A7.2.1 1/2" = 1'-0"



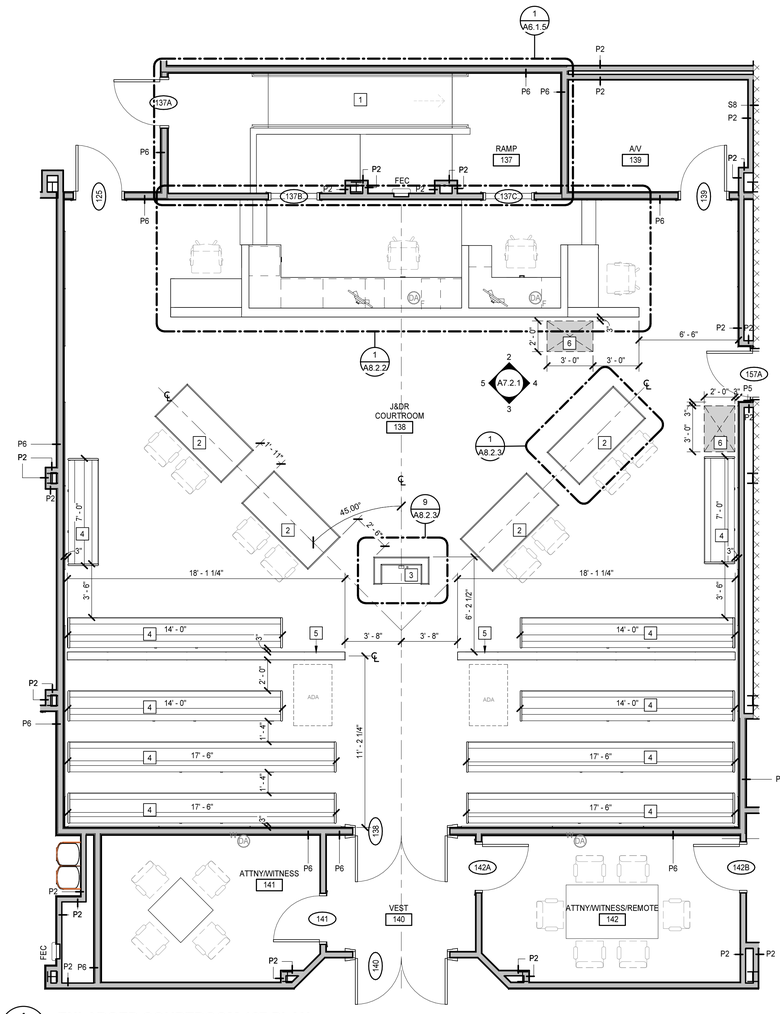
3 J&DR COURTOOM 127 SOUTH

A3.0.1 | A7.2.1 1/2" = 1'-0"



2 J&DR COURTROOM 127 NORTH

A3.0.1 | A7.2.1 1/2" = 1'-0"



1 ENLARGED COURTROOM 127 PLAN

A2.1.0 | A7.2.1 1/4" = 1'-0"

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3/1/2024
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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

KEYNOTES

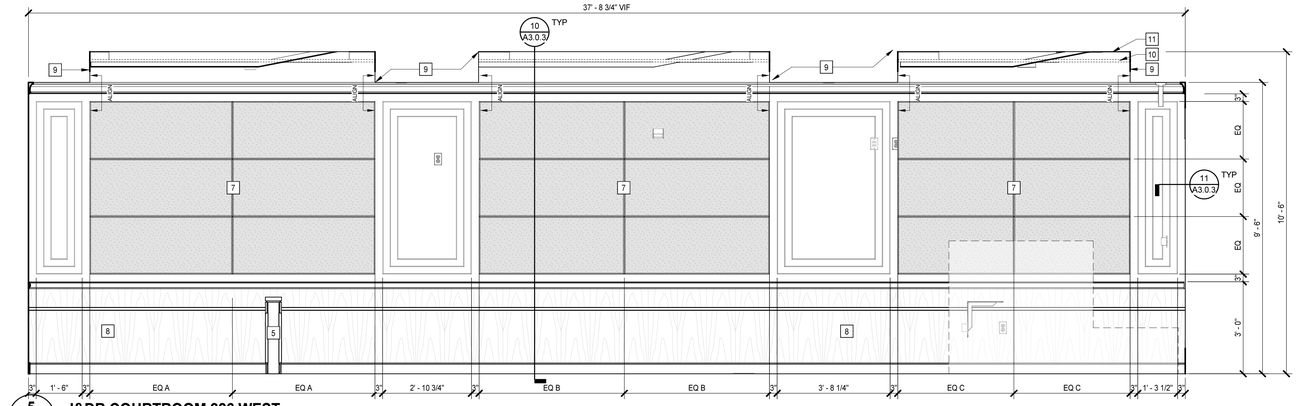
APPLIES TO DRAWINGS A7.2.n

1	ACCESSIBLE RAMP
2	LITIGANT'S TABLE
3	WITNESS PODIUM
4	FIXED BENCH
5	SPECTATOR RAILING FIXED TO FLOOR
6	NEOPRENE PAD RECESSED DEEP IN TO CONC SLAB UNDERNEATH CARPET FINISH
7	FABRIC STRETCHED ACOUSTIC PANELS
8	BOOK MATCH PLYWOOD VENEER PANEL WITH TRANSPARENT FINISH
9	GYP BULKHEAD, REFER TO RCP
10	DASHED LINES INDICATE ACOUSTIC BAFFLE GRID SYSTEM, EXPOSED
11	BLACK ACP BEYOND OPEN ACOUSTIC BAFFLE SYSTEM
12	ANGLED CEILING SHAPE ON 10'-6" AFF PLANE, REFER TO RCP FOR FURTHER DETAILS
13	BENCH LANDING, REFER TO PLAN FOR DIMENSIONS
14A	PVC CORNERGUARD, MATCH WALL PAINT COLOR
14B	PVC CORNERGUARD, MATCH WD VENEER COLOR

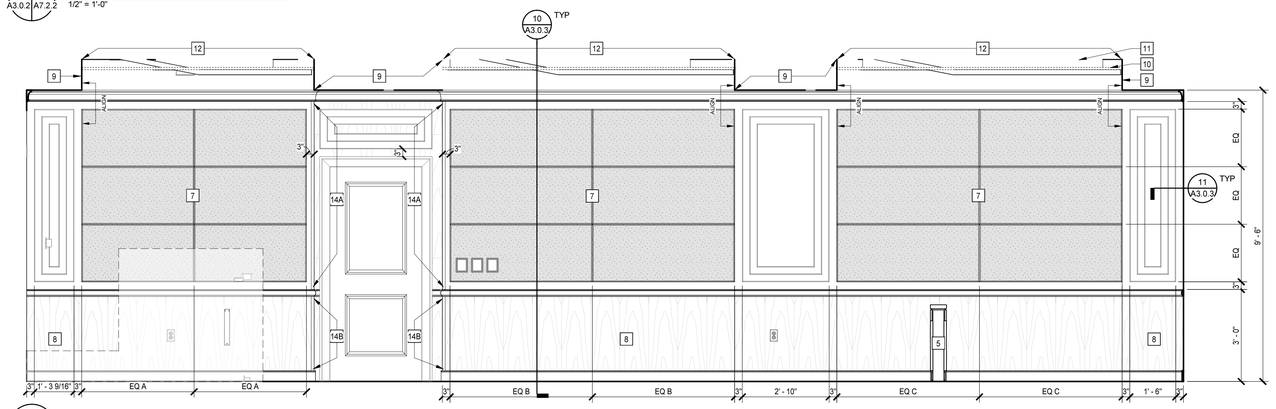
ENLARGED FIRST FLOOR COURTROOM AND ELEVATIONS

A7.2.1

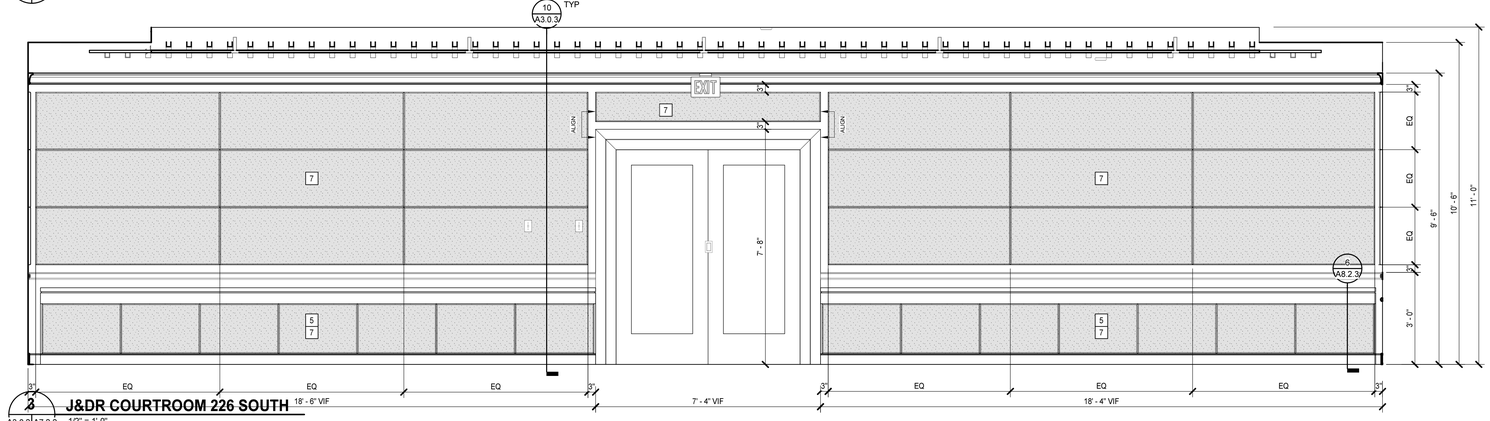
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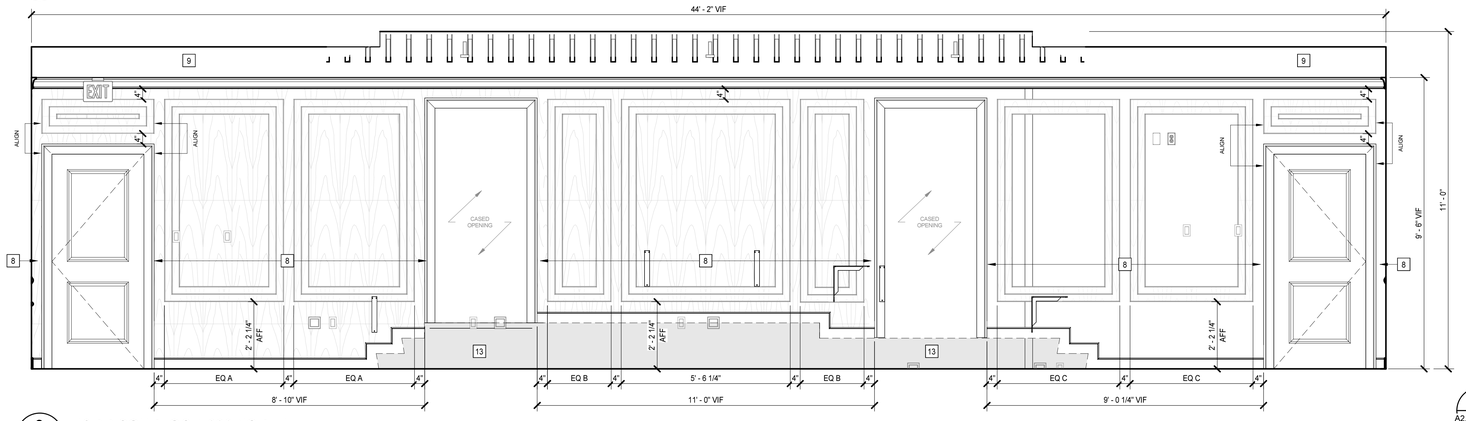
5 A3.0.2 A7.2.2 J&DR COURTROOM 226 WEST 1/2" = 1'-0"



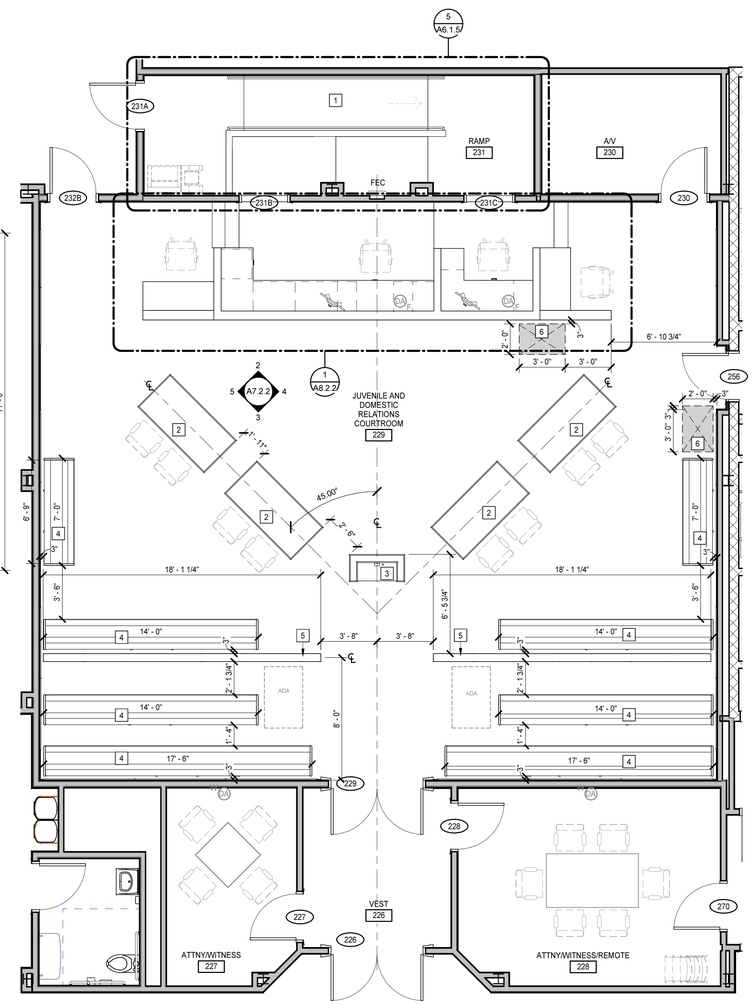
4 A3.0.2 A7.2.2 J&DR COURTROOM 226 EAST 1/2" = 1'-0"



3 A3.0.2 A7.2.2 J&DR COURTROOM 226 SOUTH 1/2" = 1'-0"



2 A3.0.2 A7.2.2 J&DR COURTOOM 226 NORTH 1/2" = 1'-0"



1 A2.2.0 A7.2.2 ENLARGED COURTROOM 226 PLAN 1/4" = 1'-0"

KEYNOTES

APPLIES TO DRAWINGS A7.2.n

1	ACCESSIBLE RAMP
2	LITIGANT'S TABLE
3	WITNESS PODIUM
4	FIXED BENCH
5	SPECTATOR RAILING FIXED TO FLOOR
6	NEOPRENE PAD RECESSED DEEP IN TO CONC SLAB UNDERNEATH CARPET FINISH
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14A	PVC CORNERGUARD, MATCH WALL PAINT COLOR
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ENLARGED SECOND FLOOR COURTROOM AND ELEVATIONS

A7.2.2

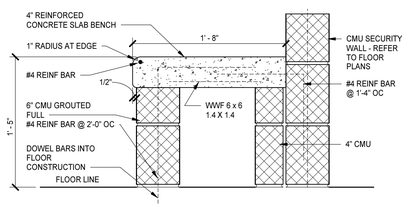
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ENLARGED PLAN KEYNOTES	
APPLIES TO DRAWING A7.3.1	
1	CONCRETE BENCH - REFER TO DETAIL 3/A7.3.1
2	CENTERLINE OF WALL ON COLUMN CENTERLINE
3	LOW WALL - REFER TO DETAIL 4/A7.3.1

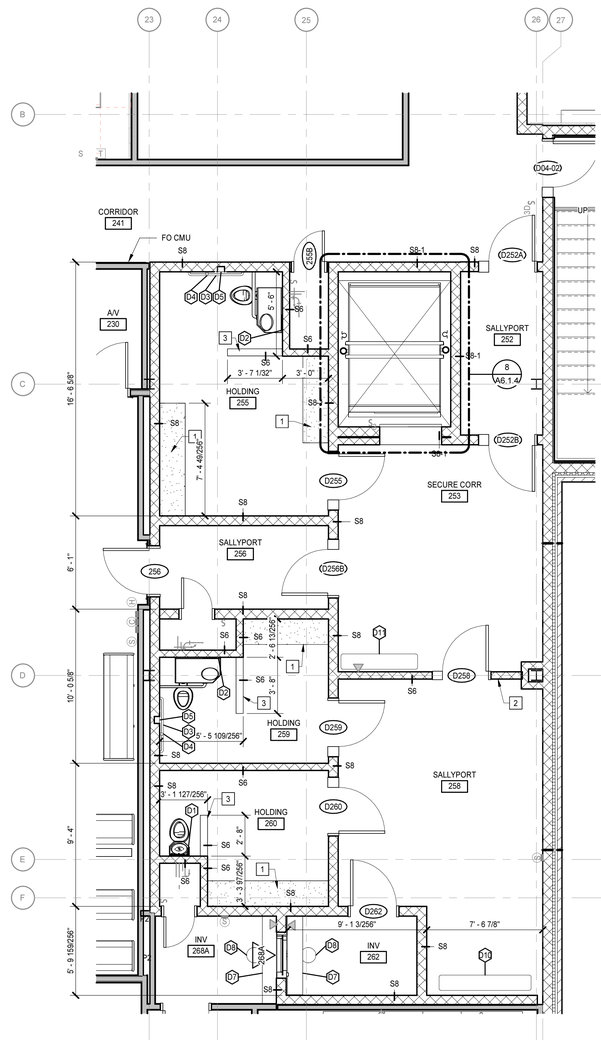
FLOOR PLAN GENERAL NOTES

A. FURNITURE DASHED IN GREY INDICATED AS NIC, UNO.

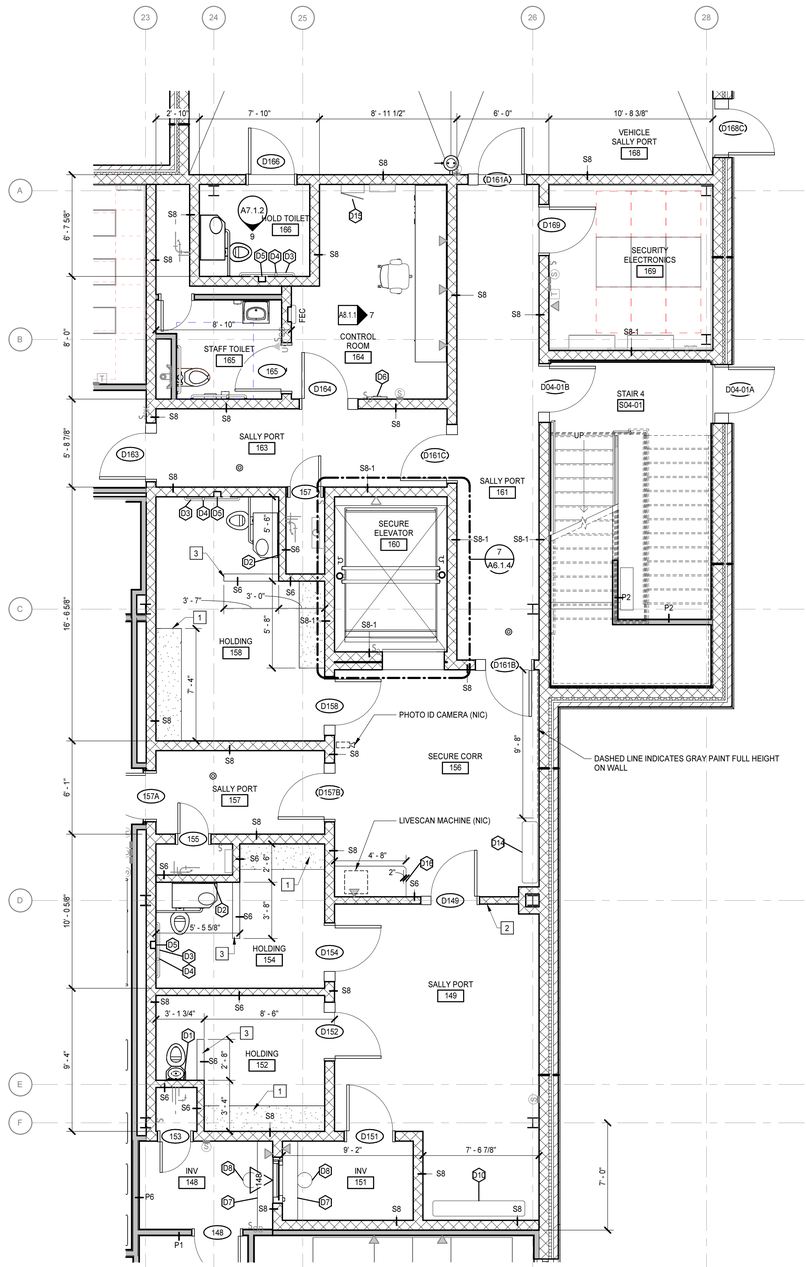
4 LOW WALL DETAIL (TYP A7.3.1) 1 1/2" = 1'-0"



3 CONCRETE BENCH (TYP A7.3.1) 1 1/2" = 1'-0"



2 ENLARGED PLAN - SECOND FLOOR HOLDING AREA (A2.2.0 A7.3.1) 1/4" = 1'-0"



1 ENLARGED PLAN - FIRST FLOOR HOLDING AREA (A2.1.0 A7.3.1) 1/4" = 1'-0"

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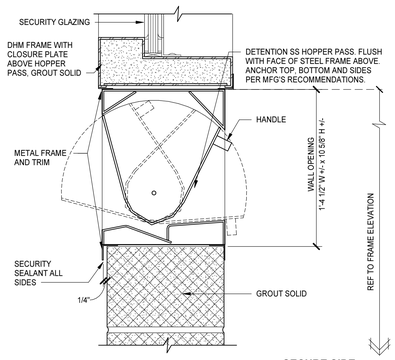
PROJECT NO: 630874
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HOLDING AREA ENLARGED FLOOR PLANS & DETAILS

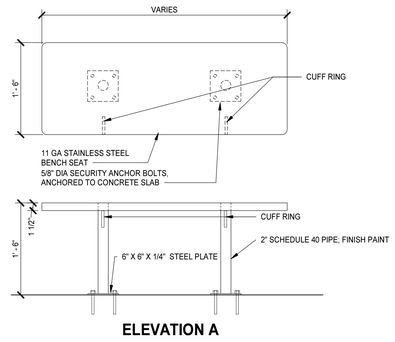
A7.3.1

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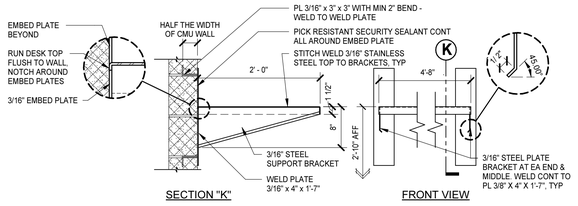
SECURE SIDE

10 DETAIL - HOPPER PASS
TYP A7.3.2 — 3" = 1'-0"



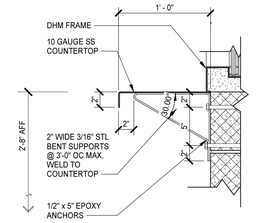
ELEVATION A

9 FLOOR-MOUNTED BENCH
TYP A7.3.2 — 1" = 1'-0"



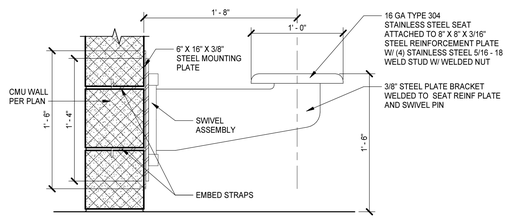
SECTION "K" FRONT VIEW

8 DETAIL - SS WORK COUNTER
TYP A7.3.2 — 1" = 1'-0"

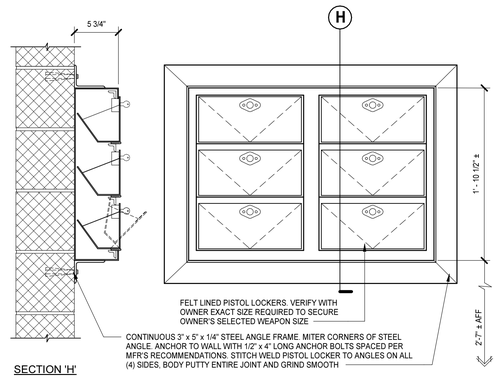


VISITING/INTERVIEW COUNTER SECTION

7 STAINLESS STEEL COUNTER
TYP A7.3.2 — 1 1/2" = 1'-0"

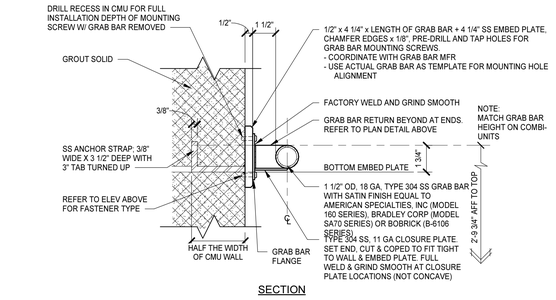


6 SWING STOOL
TYP A7.3.2 — 1 1/2" = 1'-0"



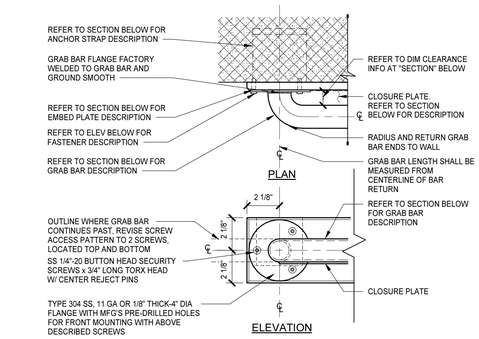
SECTION 'H'

5 6 COMPARTMENT PISTOL LOCKER SURFACE MOUNTED
TYP A7.3.2 — 1 1/2" = 1'-0"

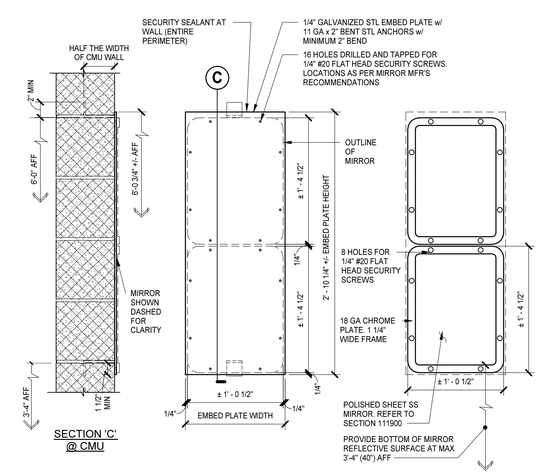


SECTION

3 REMOVABLE GRAB BAR W/CONTINUOUS EMBED PLATE DETAIL
TYP A7.3.2 — 3" = 1'-0"

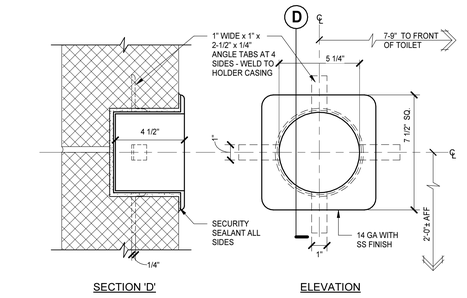


NOTE:
GRAB BARS FURNISHED UNDER DIVISION 11 AND INSTALLED UNDER DIVISION 4. SET GRAB BARS WITH EMBED PLATES ATTACHED. PROTECT UNIT UNTIL MASONRY MORTAR HAS CURED FOR FIRM ANCHORAGE.



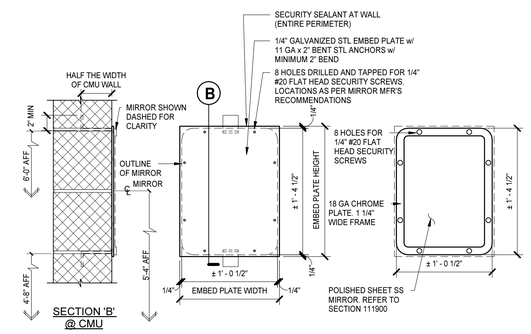
SECTION 'C' @ CMU

2 DETENTION MIRROR, DOUBLE
TYP A7.3.2 — 1 1/2" = 1'-0"



SECTION 'D' ELEVATION

4 RECESSED TOILET PAPER ROLL HOLDER
TYP A7.3.2 — 3" = 1'-0"



SECTION 'B' @ CMU

1 DETENTION MIRROR, SINGLE
TYP A7.3.2 — 1 1/2" = 1'-0"

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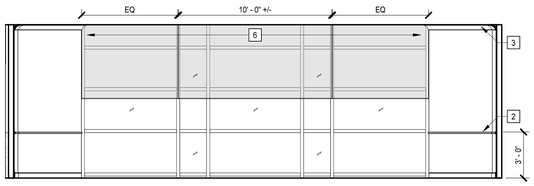
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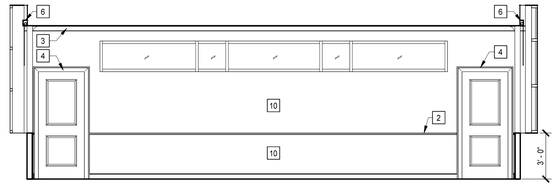
DETENTION EQUIPMENT DETAILS

A7.3.2

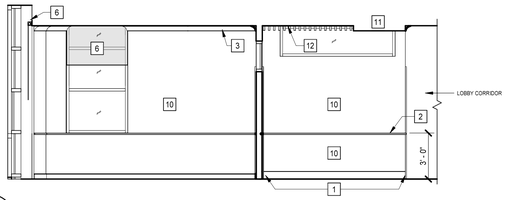
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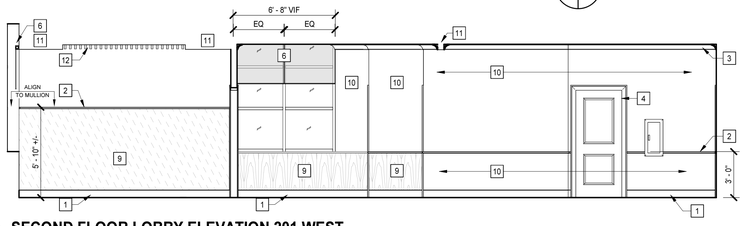
11 CONFERENCE ROOM 200 SOUTH
A2.2.0 A8.1.0 1/4" = 1'-0"



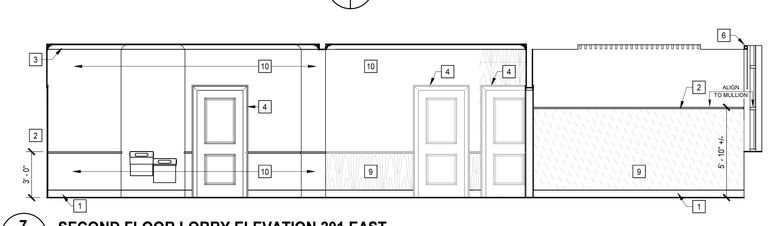
12 CONFERENCE ROOM 200 NORTH
A2.2.0 A8.1.0 1/4" = 1'-0"



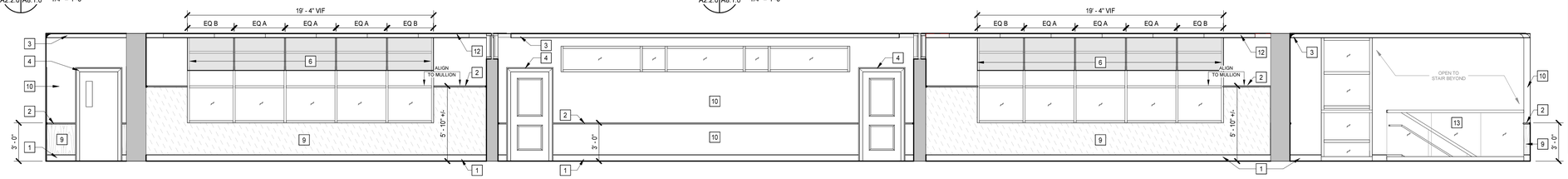
10 SECOND FLOOR CONFERENCE 200 & LOBBY 201 ELEVATION WEST
A2.2.0 A8.1.0 1/4" = 1'-0"



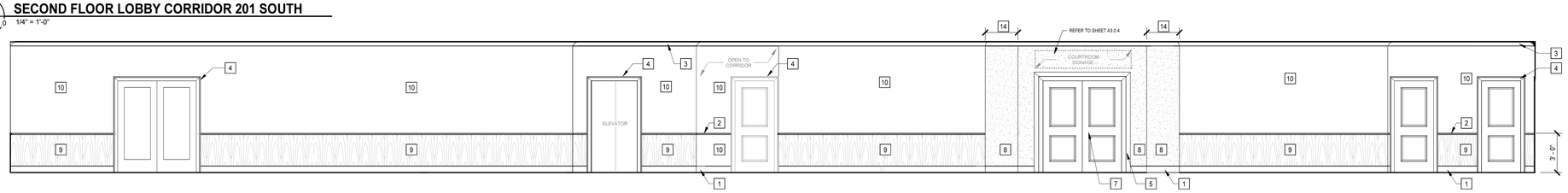
8 SECOND FLOOR LOBBY ELEVATION 201 WEST
A2.2.0 A8.1.0 1/4" = 1'-0"



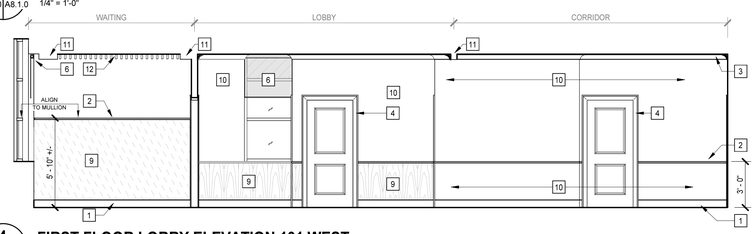
7 SECOND FLOOR LOBBY ELEVATION 201 EAST
A2.2.0 A8.1.0 1/4" = 1'-0"



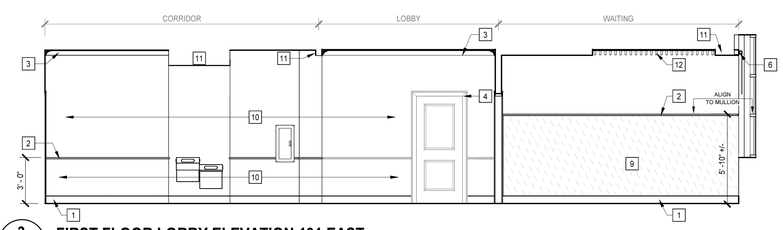
6 SECOND FLOOR LOBBY CORRIDOR 201 SOUTH
A2.2.0 A8.1.0 1/4" = 1'-0"



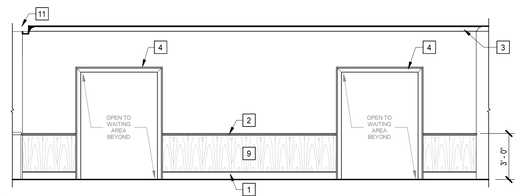
5 SECOND FLOOR LOBBY CORRIDOR 201 NORTH
A2.2.0 A8.1.0 1/4" = 1'-0"



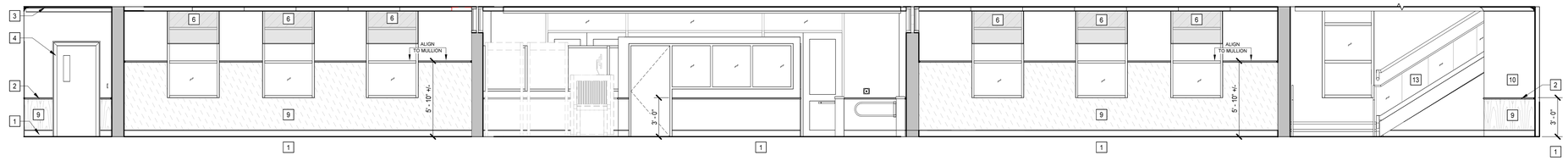
4 FIRST FLOOR LOBBY ELEVATION 101 WEST
A2.1.0 A8.1.0 1/4" = 1'-0"



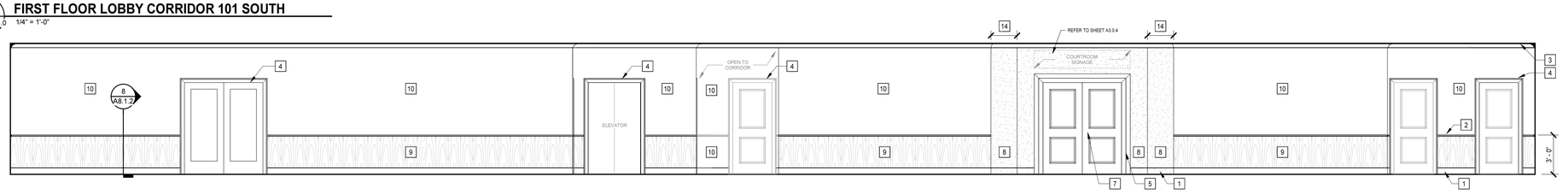
3 FIRST FLOOR LOBBY ELEVATION 101 EAST
A2.1.0 A8.1.0 1/4" = 1'-0"



9 TYPICAL LOBBY WAITNG AREA ENTRANCE ELEVATION
A2.1.0 A8.1.0 1/4" = 1'-0"



2 FIRST FLOOR LOBBY CORRIDOR 101 SOUTH
A2.1.0 A8.1.0 1/4" = 1'-0"



1 FIRST FLOOR LOBBY CORRIDOR 101 NORTH
A2.1.0 A8.1.0 1/4" = 1'-0"

GENERAL INTERIOR ELEVATION NOTES

APPLICABLE TO ALL INTERIOR ELEVATIONS, UNLESS OTHERWISE INDICATED:

A. WALLS SHOWN WITHOUT FINISH KEYNOTE, SHALL BE PAINTED AS SCHEDULED.

B. IMPACT RESISTANT WALL PANELS [IRWP] ARE SHOWN IN TWO DIFFERENT PATTERN STYLES: [9] [10]

INTERIOR FINISH LEGEND

IRWP-1

IRWP-2

INTERIOR ELEVATIONS KEYNOTES

APPLIES TO DRAWINGS A8.1.0

1	RECESSED EPOXY TERRAZZO WALL BASE, REFER TO SECTION DETAIL 4/A5.2.2
2	WOOD CHAIR RAIL. REFER TO 2/A3.0.3
3	WOOD CROWN, REFER TO 3/A3.0.3
4	WOOD DOOR TRIM, TYP. REFER TO 7/A3.0.3
5	WOOD DOOR TRIM, TYP. REFER TO 5/A3.0.3
6	MANUAL ROLLER SHADE MOUNTED TO RECESSED CEILING POCKET, REFER TO DETAIL 12/A5.2.3
7	COURTOOM DOOR DECORATIVE HARDWARE PULLS, TYP. REFER TO SPECIFICATIONS
8	3/8" THICK PRECAST TERRAZZO WALL PANEL CLADDING
9	IMPACT RESISTANT WALL PANELING
10	PROTECTIVE WALLCOVERING, TYPE III
11	SOFFIT/BULKHEAD, REFER TO RCP
12	ACOUSTIC BAFFLE ON GRID SYSTEM. REFER TO RCP AND SPECIFICATIONS FOR FURTHER DETAIL
13	METAL AND GLASS RAILING SYSTEM
14	NOTE -ANGLED WALL, REFER TO PLAN

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3/1/2024
ARCHITECT

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

FIRST AND SECOND FLOOR LOBBY ELEVATIONS

A8.1.0

3/1/2024 9:38:45 AM

CASEWORK GENERAL NOTES

A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S):
- 2'-10" AFF MAX OR 2'-10" MAX TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
- 2'-1" DEEP
- BACKSPLASHES: 4" HIGH AT ALL SIDES AND BACK
- EXTEND COUNTERTOP 1/2" PAST BASE CABINET AT ALL EXPOSED CASEWORK ENDS
- VERIFY SLAB LEVELNESS AT CASEWORK PRIOR TO INSTALL. CONSTRUCTION TOLERANCES DO NOT APPLY TO ACCESSIBLITY DIMENSIONS; MAX DIMENSIONS SHALL BE MAINTAINED.
- COUNTERTOPS INDICATED WITH SURFACE GROMMETS TO HAVE UNDERMOUNT WIRE MANAGEMENT TROUGHS.
- FINISH: **[SOLID SURFACE]**

B. UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S):
- 2'-0" DEEP NOMINAL
- TOE KICKS: 4" NOMINAL HIGH (REDUCE AS NEEDED FOR TOLERANCES) AND 3" DEEP
- SINK LOCATIONS: FOR BARRIER FREE ACCESS, MINIMUM 3'-0" WIDE CLEAR KNEE SPACE REQUIRED INCLUDING INTERIOR WIDTH OF BASE CABINET WITH ATTACHED TOE KICK, IF SHOWN.
- ALL CABINET DRAWERS FABRICATED WITH SOFT-CLOSE FULL EXTENTION GLIDES.
- FINISH: **[PLAM]**

C. UNLESS INDICATED OTHERWISE, ALL WALL CABINET(S):
- 1'-0 1/2" DEEP NOMINAL
- 2'-6" HIGH
- TOP AT 7'-0" AFF
- MINIMUM 11" CLEAR INTERIOR DEPTH
- ALL CABINET DOORS FABRICATED WITH SOFT-CLOSE HINGES
- SHALL HAVE SUFFICIENT BLOCKING SUPPORT AS REQUIRED.
- FINISH: **[PLAM]**

D. BUILT-IN EQUIPMENT: SIZE OPENING (HEIGHT, WIDTH, AND DEPTH) AND ROUGH-IN REQUIREMENTS AS REQUIRED BASED ON APPROVED MANUFACTURER SUBMITTED.

E. ALL SHELVES: ADJUSTABLE WITH METAL PINS UNLESS INDICATED OTHERWISE.

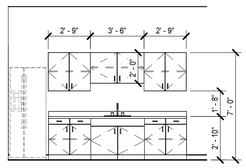
F. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.

G. LOCKS WHERE NOTED; IF ANY.

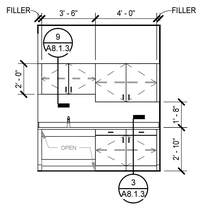
INTERIOR ELEVATIONS KEYNOTES

APPLIES TO DRAWINGS A8.1.1

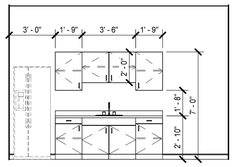
1A	RESILIENT WALL BASE
1B	RECESSED EPOXY TERRAZZO WALL BASE, REFER TO SECTION DETAIL 4/A5.2.2
2	SOLID SURFACE COUNTERTOP AND SIDE SPLASH
3	TRASH GROMMET COUNTERTOP OPENING
4	REFRIGERATOR, NIC
5	ADA MINI REFRIGERATOR, NIC
6	MANUAL ROLLER SHADE MOUNTED TO RECESSED CEILING POCKET, REFER TO DETAIL 12/A5.2.3
7	RECESSED CELL PHONE LOCKER
8	RECESSED SPECIMEN PASS-THRU CABINET
9	EQUIPMENT, NIC
10	OPEN SLOT PASS-THRU
11	ACOUSTIC BAFFLE ON GRID SYSTEM. REFER TO RCP AND SPECIFICATIONS FOR FURTHER DETAIL



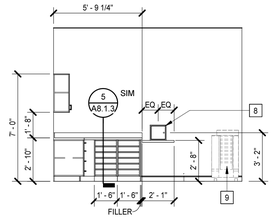
18 A2.2.0 A8.1.1 **KITCHENETTE 250 NORTH** 1/4" = 1'-0"



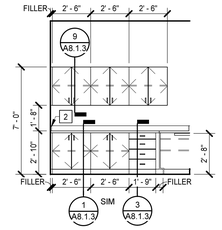
17 A8.1.2 A8.1.1 **COFFEE 238 EAST** 1/4" = 1'-0"



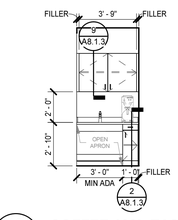
16 A2.2.0 A8.1.1 **KITCHENETTE 219 NORTH** 1/4" = 1'-0"



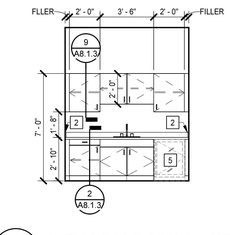
15 A8.1.2 A8.1.1 **WORKROOM 206 SOUTH** 1/4" = 1'-0"



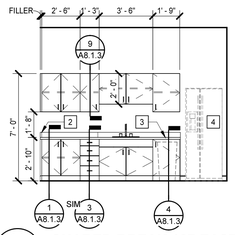
14 A8.1.2 A8.1.1 **WORKROOM 206 EAST** 1/4" = 1'-0"



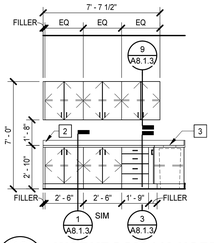
13 A2.1.0 A8.1.1 **COFFEE 128b EAST** 1/4" = 1'-0"



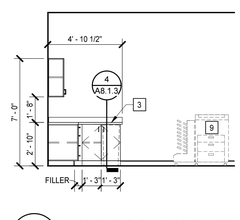
12 A2.1.0 A8.1.1 **WELLNESS ROOM 126 WEST** 1/4" = 1'-0"



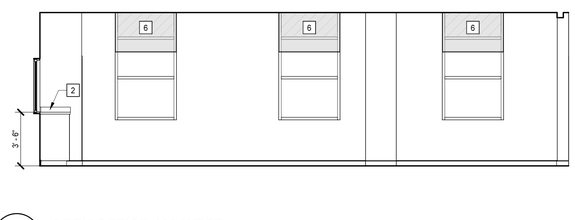
11 A2.1.0 A8.1.1 **SHARED BREAK 127 EAST** 1/4" = 1'-0"



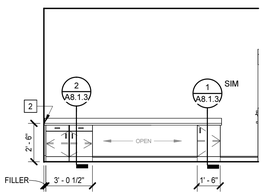
10 A2.1.0 A8.1.1 **WORKROOM 113 NORTH** 1/4" = 1'-0"



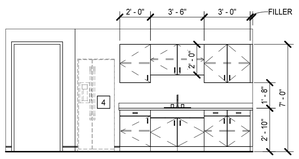
9 A2.1.0 A8.1.1 **WORKROOM 113 EAST** 1/4" = 1'-0"



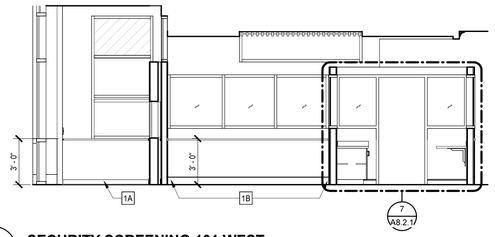
8 A2.1.0 A8.1.1 **OPEN OFFICE 108 WEST** 1/4" = 1'-0"



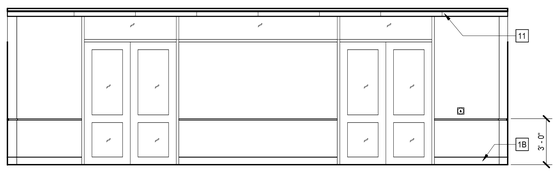
7 A2.1.0 A8.1.1 **CONTROL ROOM 164 EAST** 1/4" = 1'-0"



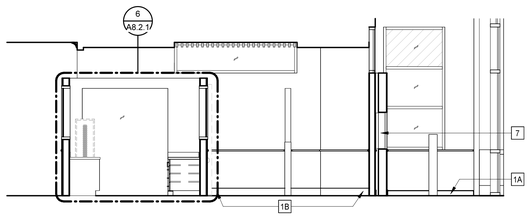
6 A2.1.0 A8.1.1 **KITCHENETTE 116 NORTH** 1/4" = 1'-0"



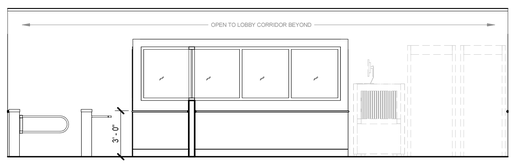
5 A1.1.2 A8.1.1 **SECURITY SCREENING 101 WEST** 1/4" = 1'-0"



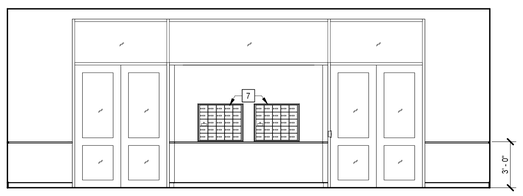
4 A3.0.1 A8.1.1 **SECURITY SCREENING 101 SOUTH** 1/4" = 1'-0"



3 A1.1.2 A8.1.1 **SECURITY SCREENING 101 EAST** 1/4" = 1'-0"



2 A3.0.1 A8.1.1 **SECURITY SCREENING 101 NORTH** 1/4" = 1'-0"



1 A2.1.0 A8.1.1 **ENTRY VESTIBULE 100 NORTH** 1/4" = 1'-0"

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Lic. No. 009147
3/1/2024
ARCHITECT

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

CASEWORK AND INTERIOR ELEVATIONS

A8.1.1

3/1/2024 9:38:49 AM

CASEWORK GENERAL NOTES

A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S):
- 2'-10" AFF MAX OR 2'-10" MAX TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
- 2'-1" DEEP
- BACKSPLASHES: 4" HIGH AT ALL SIDES AND BACK
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- COUNTERTOPS INDICATED WITH SURFACE GROMMETS TO HAVE UNDERMOUNT WIRE MANAGEMENT TROUGHS.
- FINISH: **[SOLID SURFACE]**

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- 2'-0" DEEP NOMINAL
- TOE KICKS: 4" NOMINAL HIGH (REDUCE AS NEEDED FOR TOLERANCES) AND 3" DEEP
- SINK LOCATIONS: FOR BARRIER FREE ACCESS, MINIMUM 3'-0" WIDE CLEAR KNEE SPACE REQUIRED INCLUDING INTERIOR WIDTH OF BASE CABINET WITH ATTACHED TOE KICK, IF SHOWN.
- ALL CABINET DRAWERS FABRICATED WITH SOFT-CLOSE FULL EXTENTION GLIDES.
- FINISH: **[PLAM]**

C. UNLESS INDICATED OTHERWISE, ALL WALL CABINET(S):
- 1'-0 1/2" DEEP NOMINAL
- 2'-6" HIGH
- TOP AT 7'-0" AFF
- MINIMUM 11" CLEAR INTERIOR DEPTH
- ALL CABINET DOORS FABRICATED WITH SOFT-CLOSE HINGES
- SHALL HAVE SUFFICIENT BLOCKING SUPPORT AS REQUIRED.
- FINISH: **[PLAM]**

D. BUILT-IN EQUIPMENT: SIZE OPENING (HEIGHT, WIDTH, AND DEPTH) AND ROUGH-IN REQUIREMENTS AS REQUIRED BASED ON APPROVED MANUFACTURER SUBMITTED.

E. ALL SHELVES: ADJUSTABLE WITH METAL PINS UNLESS INDICATED OTHERWISE.

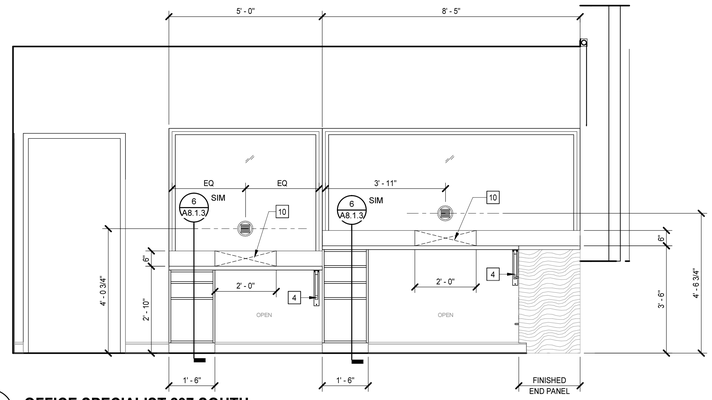
F. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.

G. LOCKS WHERE NOTED; IF ANY.

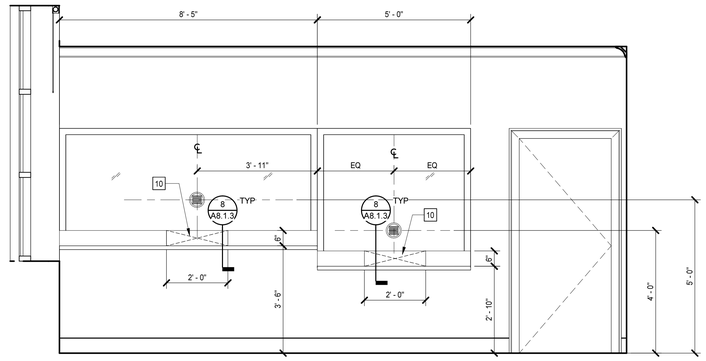
CASEWORK KEYNOTES

APPLIES TO DRAWINGS A8.1.2

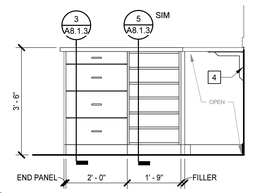
1	RECESSED EPOXY TERRAZZO WALL BASE, REFER TO SECTION DETAIL 4/A5.2.2
2	GROMMET
3	WOOD CROWN, REFER TO 3/A3.0.3
4	SOLID STEEL UNDERCOUNTER METAL SUPPPORT



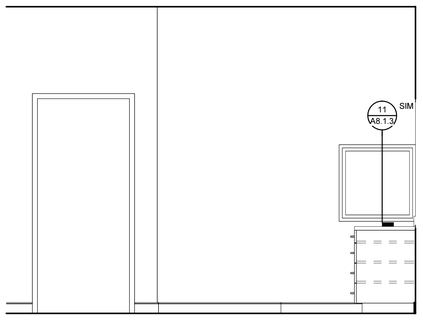
10 OFFICE SPECIALIST 207 SOUTH — A8.1.2 A8.1.2 — 1/2" = 1'-0"



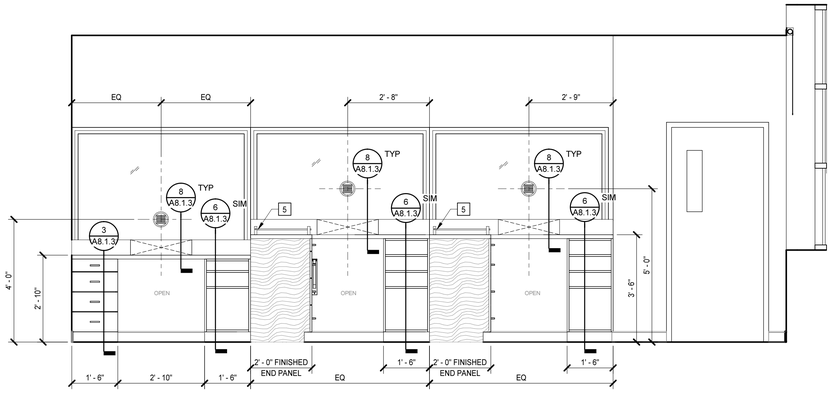
11 VISITOR WAITING 203 NORTH — A2.2.0 A8.1.2 — 1/2" = 1'-0"



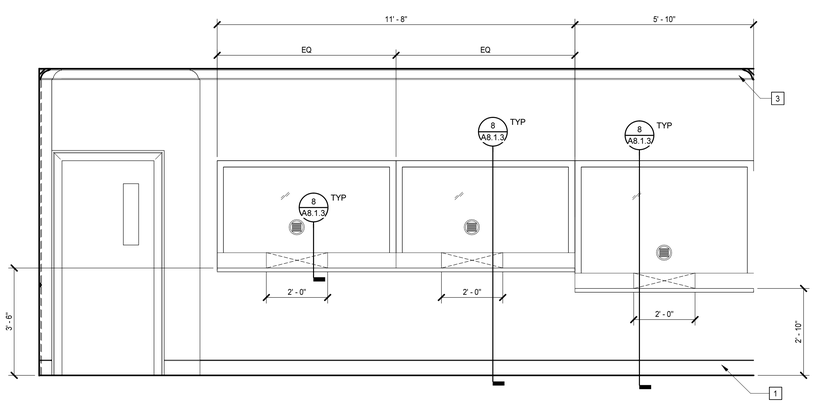
8 RECEPTION COUNTER SECTION — A8.1.0 A8.1.2 — 1/2" = 1'-0"



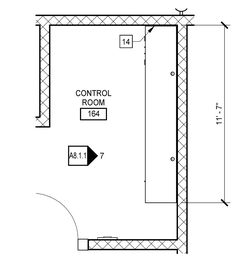
9 CUSTOMER SERVICE COUNTER 106 EAST — A2.1.0 A8.1.2 — 1/2" = 1'-0"



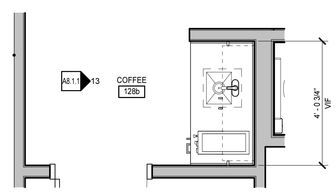
7 ENLARGED ELEVATION - CUSTOMER SERVICE COUNTER 106 SOUTH — A2.1.0 A8.1.2 — 1/2" = 1'-0"



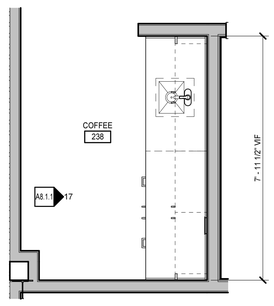
6 VISITOR WAITING 104 NORTH — A2.1.0 A8.1.2 — 1/2" = 1'-0"



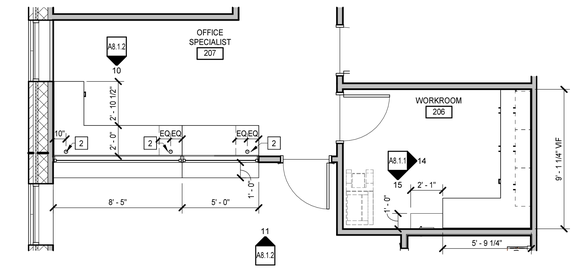
5 PLAN - 164 CONTROL ROOM — A2.1.0 A8.1.2 — 1/4" = 1'-0"



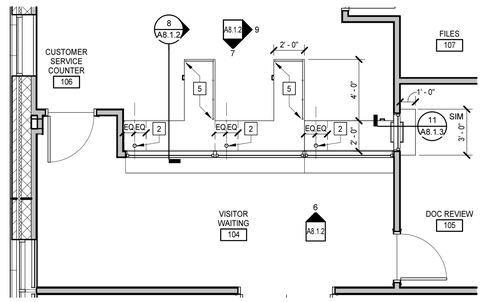
4 PLAN - 128B COFFEE BAR — A2.1.0 A8.1.2 — 1/2" = 1'-0"



3 PLAN - 238 COFFEE BAR — A2.2.0 A8.1.2 — 1/2" = 1'-0"



2 PLAN - 207 OFFICE SPECIALIST, 206 WORKROOM — A2.2.0 A8.1.2 — 1/4" = 1'-0"



1 PLAN - 106 CUSTOMER SERVICE COUNTERS — A2.1.0 A8.1.2 — 1/4" = 1'-0"

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CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

CASEWORK ENLARGED PLANS AND SECTION DETAILS

A8.1.2

3/1/2024 9:38:53 AM

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A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S):
- 2'-10" AFF MAX OR 2'-10" MAX TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
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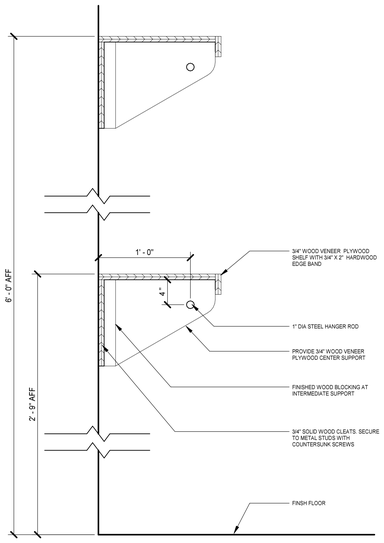
F. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.

G. LOCKS WHERE NOTED; IF ANY.

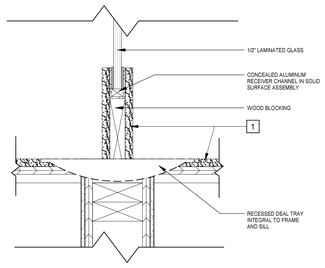
CASEWORK KEYNOTES

APPLIES TO DRAWINGS A8.1.3

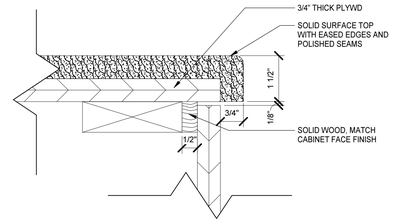
1	SOLID SURFACE MATERIAL WITH MITERED AND EASED EDGE
2	WHITE INTERIOR MELAMINE ON ALL EXPOSED SURFACES
3	FINISHED BACKERBOARD
4	3/4" PLYWOOD REVEAL OVERLAY FACE WITH PLASTIC LAMINATE ON ALL EXPOSED SURFACES
5	ADJUSTABLE 3/4" PLYWOOD WHITE MELAMINE SHELVES WITH METAL SUPPORT PEGS
6	HARDWARE PULLS, REFER TO SPECIFICATIONS
7A	BLACK HPL BASE
7B	BLACK HPL BASE ATTACHED TO CABINET DOOR PANEL
8	AT LOCATIONS WITH BACKSPLASH
9	DRAWER WITH FULL EXTENSION, SOFT-CLOSE GLIDES
11	TRASH GROMMET OPENING WITH EASED EDGES
12	3" DIAMETER GROMMET OPENING BETWEEN BRACKET SUPPORTS, REFER TO PLANS FOR LOCATIONS
13	SOLID STEEL UNDERCOUNTER METAL SUPPPORT
14	UNDERCOUNTER WIRE MANAGEMENT TROUGH
15	TRASH BIN PROVIDED BY OTHERS
16	FACE OF WALL, REFER TO ELEVATION FOR FINISHES
17	AT LOCATIONS WITH GYPSUM WALLBOARD BULKHEAD ABOVE



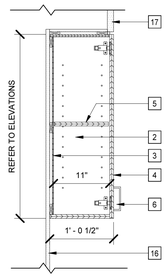
12 TYP A8.1.3 **SECTION - TYPICAL SHELF AND ROD**
1 1/2" = 1'-0"



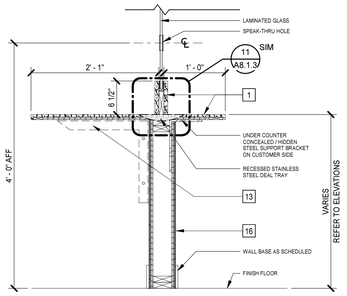
11 TYP A8.1.3 **SECTION DETAIL - TYPICAL DEAL TRAY PASS-THRU**
3" = 1'-0"



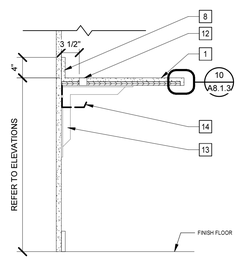
10 TYP A8.1.3 **ENLARGED COUNTERTOP EDGE DETAIL**
6" = 1'-0"



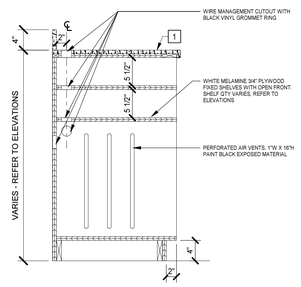
9 TYP A8.1.3 **UPPER CABINET SECTION**
1" = 1'-0"



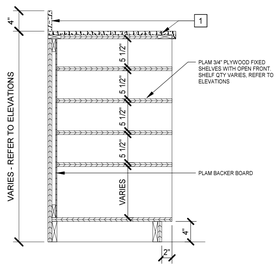
8 TYP A8.1.3 **SECTION - TYPICAL TRANSACTION COUNTER WITH DEAL TRAY**
1" = 1'-0"



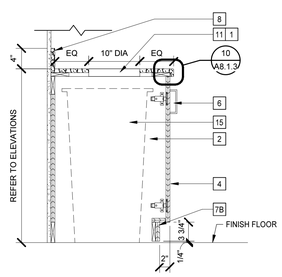
7 TYP A8.1.3 **COUNTERTOP SUPPORT SECTION**
1" = 1'-0"



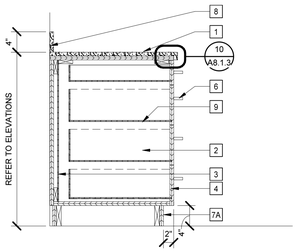
6 TYP A8.1.3 **SECTION - BASE CAB OPEN CPU**
1" = 1'-0"



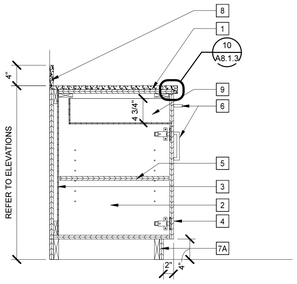
5 TYP A8.1.3 **SECTION - BASE CAB OPEN FORM STORAGE**
1" = 1'-0"



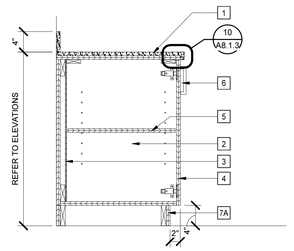
4 TYP A8.1.3 **TRASH RECEPTACLE SECTION**
1" = 1'-0"



3 TYP A8.1.3 **BASE CABINET DRAWERS SECTION**
1" = 1'-0"



2 TYP A8.1.3 **BASE CAB WITH DRAWER SECTION**
1" = 1'-0"



1 TYP A8.1.3 **BASE CABINET SECTION**
1" = 1'-0"

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3/1/2024
ARCHITECT

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2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

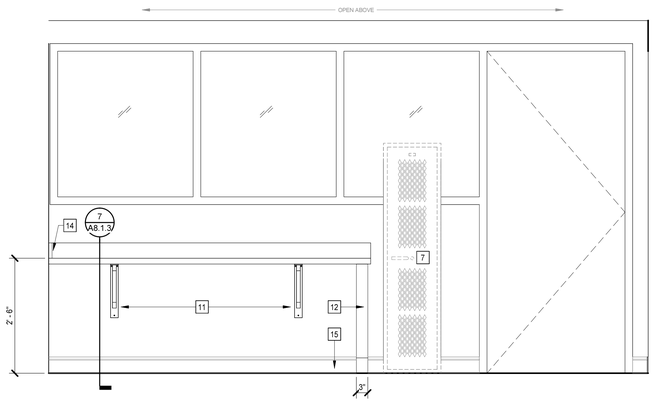
PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

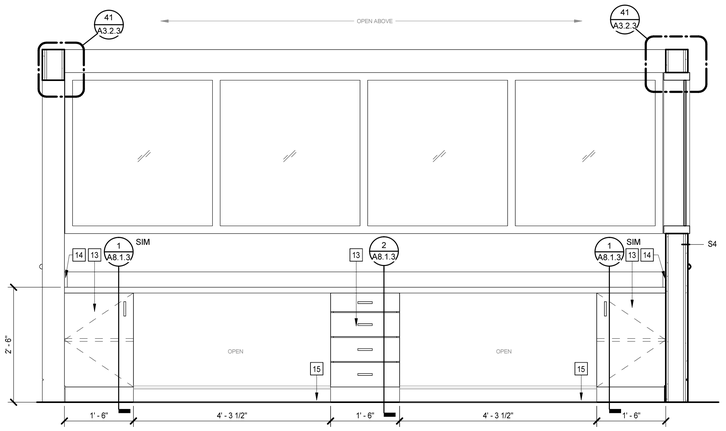
CASEWORK SECTION DETAILS

A8.1.3

3/1/2024 9:38:55 AM



8 A3.0.1 A8.2.1 **ELEVATION - SECURITY DESK INTERIOR NORTH**
3/4" = 1'-0"



5 A3.0.1 A8.2.1 **SECTION - SECURITY DESK INTERIOR SOUTH**
3/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

A. FURNITURE DASHED IN GREY INDICATED AS NIC, UNO.

CASEWORK GENERAL NOTES

A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S):
- 2'-10" AFF MAX OR 2'-10" MAX TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
- 2'-1" DEEP
- BACKSPLASHES: 4" HIGH AT ALL SIDES AND BACK
- EXTEND COUNTERTOP 1/2" PAST BASE CABINET AT ALL EXPOSED CASEWORK ENDS
- VERIFY SLAB LEVELNESS AT CASEWORK PRIOR TO INSTALL. CONSTRUCTION TOLERANCES DO NOT APPLY TO ACCESSIBILITY DIMENSIONS. MAX DIMENSIONS SHALL BE MAINTAINED.
- COUNTERTOPS INDICATED WITH SURFACE GROMMETS TO HAVE UNDERMOUNT WIRE MANAGEMENT TROUGHS.
- FINISH: **[SOLID SURFACE]**

B. UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S):
- 2'-0" DEEP NOMINAL
- TOE KICKS: 4" NOMINAL HIGH (REDUCE AS NEEDED FOR TOLERANCES) AND 3" DEEP
- SINK LOCATIONS: FOR BARRIER FREE ACCESS, MINIMUM 3'-0" WIDE CLEAR KNEE SPACE REQUIRED INCLUDING INTERIOR WIDTH OF BASE CABINET WITH ATTACHED TOE KICK, IF SHOWN.
- ALL CABINET DRAWERS FABRICATED WITH SOFT-CLOSE FULL EXTENTION GLIDES.
- FINISH: **[PLAM]**

C. UNLESS INDICATED OTHERWISE, ALL WALL CABINET(S):
- 1'-0 1/2" DEEP NOMINAL
- 2'-6" HIGH
- TOP AT 7'-0" AFF
- MINIMUM 11" CLEAR INTERIOR DEPTH
- ALL CABINET DOORS FABRICATED WITH SOFT-CLOSE HINGES
- SHALL HAVE SUFFICIENT BLOCKING SUPPORT AS REQUIRED.
- FINISH: **[PLAM]**

D. BUILT-IN EQUIPMENT: SIZE OPENING (HEIGHT, WIDTH, AND DEPTH) AND ROUGH-IN REQUIREMENTS AS REQUIRED BASED ON APPROVED MANUFACTURER SUBMITTED.

E. ALL SHELVES: ADJUSTABLE WITH METAL PINS UNLESS INDICATED OTHERWISE.

F. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.

G. LOCKS WHERE NOTED; IF ANY.

CASEWORK KEYNOTES

REPRESENTED BY n

APPLIES TO DRAWINGS A8.2.1

1	CELL PHONE LOCKER
2	X-RAY MACHINE AND ACCESSORY TABLE
3	MAGNETOMETER
4	ACCESSIBLE TURNSTILE
5	TURNSTILE
6	WIRE MANAGER WITH HINGED LID AND BRUSH LINER
7	RIFLE STORAGE, NIC
8	RECESSED EPOXY TERRAZZO WALL BASE, REFER TO SECTION DETAIL 4/A5.2.2
9	WOOD CHAIR RAIL, REFER TO 2/A3.0.4
10	SECURITY WINDOW. REFER TO A3.1.2
11	SOLID STEEL UNDERCOUNTER METAL SUPPPORT
12	FINISHED END PANEL SUPPORT
13	PROVIDE KEY LOCKS
14	SOLID SURFACE COUNTERTOP AND SIDE SPLASH
15	RESILIENT WALL BASE
16	<varies>
17	BOLD DASHED LINE INDICATES 1/2" LIGHTWEIGHT BALLISTIC ARMOR
18	<varies>

7 A3.0.1 A8.2.1 **SECTION - SECURITY DESK INTERIOR EAST**
3/4" = 1'-0"

4 A3.0.1 A8.2.1 **ELEVATION - SECURITY DESK SOUTH**
3/4" = 1'-0"

3 A3.0.1 A8.2.1 **ELEVATION - SECURITY DESK EAST**
3/4" = 1'-0"

6 A3.0.1 A8.2.1 **SECTION - SECURITY DESK INTERIOR EAST**
3/4" = 1'-0"

2 A3.0.1 A8.2.1 **ELEVATION - SECURITY DESK NORTH**
3/4" = 1'-0"

1 A2.1.0 A8.2.1 **ENLARGED PLAN - SECURITY DESK**
1/4" = 1'-0"

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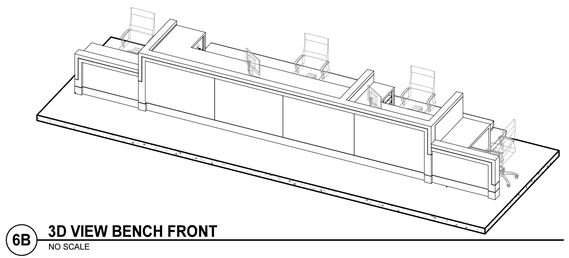
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

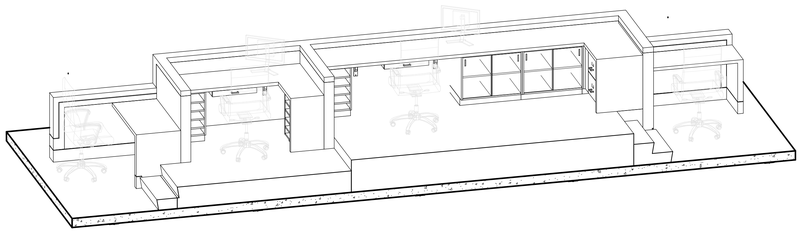
SECURITY DESK
SECTIONS AND DETAILS

A8.2.1

3/1/2024 9:38:58 AM



6B 3D VIEW BENCH FRONT
NO SCALE



6A 3D VIEW BENCH BACK
NO SCALE

CASEWORK GENERAL NOTES

A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S):
- 2'-10" AFF MAX OR 2'-10" MAX TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
- 2'-1" DEEP
- BACKSPLASHES: 4" HIGH AT ALL SIDES AND BACK
- EXTEND COUNTERTOP 1/2" PAST BASE CABINET AT ALL EXPOSED CASEWORK ENDS
- VERIFY SLAB LEVELNESS AT CASEWORK PRIOR TO INSTALL. CONSTRUCTION TOLERANCES DO NOT APPLY TO ACCESSIBILITY DIMENSIONS; MAX DIMENSIONS SHALL BE MAINTAINED.
- COUNTERTOPS INDICATED WITH SURFACE GROMMETS TO HAVE UNDERMOUNT WIRE MANAGEMENT TROUGHS.
- FINISH: **[SOLID SURFACE]**

B. UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S):
- 2'-0" DEEP NOMINAL
- TOE KICKS: 4" NOMINAL HIGH (REDUCE AS NEEDED FOR TOLERANCES) AND 3" DEEP
- SINK LOCATIONS: FOR BARRIER FREE ACCESS, MINIMUM 3'-0" WIDE CLEAR KNEE SPACE REQUIRED INCLUDING INTERIOR WIDTH OF BASE CABINET WITH ATTACHED TOE KICK, IF SHOWN.
- ALL CABINET DRAWERS FABRICATED WITH SOFT-CLOSE FULL EXTENTION GLIDES.
- FINISH: **[PLAM]**

A. BUILT-IN EQUIPMENT: SIZE OPENING (HEIGHT, WIDTH, AND DEPTH) AND ROUGH-IN REQUIREMENTS AS REQUIRED BASED ON APPROVED MANUFACTURER SUBMITTED.

B. ALL SHELVES: ADJUSTABLE WITH METAL PINS UNLESS INDICATED OTHERWISE.

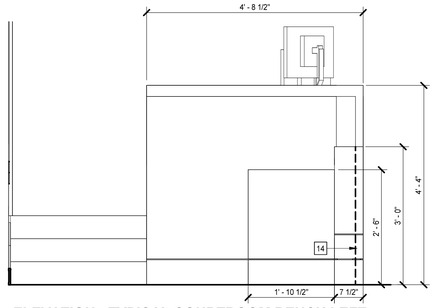
C. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS.

D. LOCKS WHERE NOTED; IF ANY.

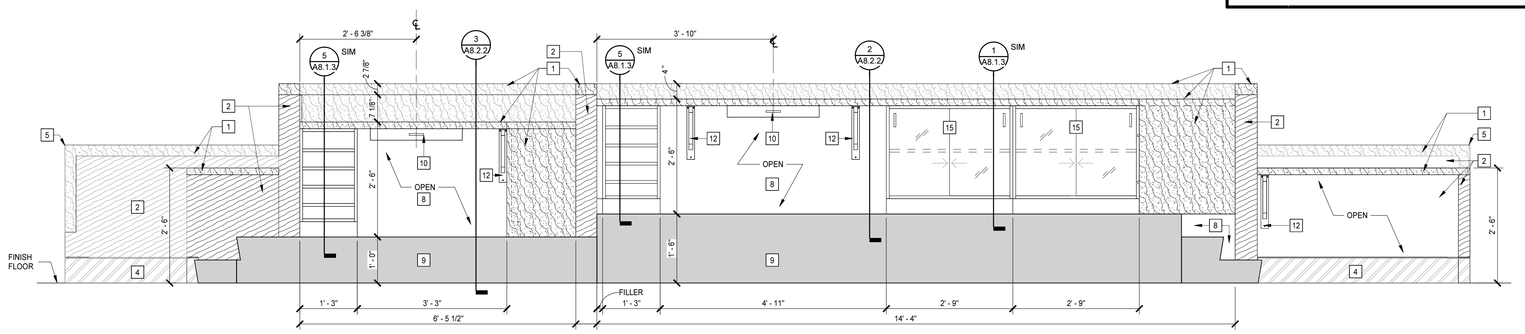
CASEWORK KEYNOTES
REPRESENTED BY n

APPLIES TO DRAWINGS A8.2.2

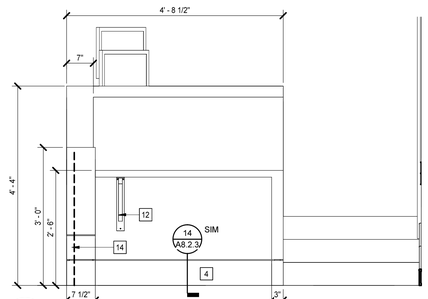
1	SOLID SURFACE MATERIAL
2	VENEER PLYWOOD WITH TRANSPARENT FINISH
3	1/4" REVEAL
4	METAL FLUSH BASE WITH REVEAL
5	<varies>
6	SEAM LINE
7	VERTICAL BOOK MATCH WOOD VENEER PANEL WITH TRANSPARENT FINISH
8	3/4" PLYWOOD WITH PAINTED FINISH
9	3/4" UNDERLAYMENT ON 5/8" SOUND DEADENING BOARD ON 3/4" PLYWOOD SUBFLOOR ON CFSF-S
10	PENCIL DRAWER
11	GROMMET
12	SOLID STEEL UNDERCOUNTER METAL SUPPPORT
13	LOCKING FILING CABINET
14	BOLD DASHED LINE INDICATES 1/2" LIGHTWEIGHT BALLISTIC ARMOR
15	BASE CABINETS WITH TEMPERED SLIDING GLASS DOORS WITH ROUTED/ETCHED FINGER PULLS



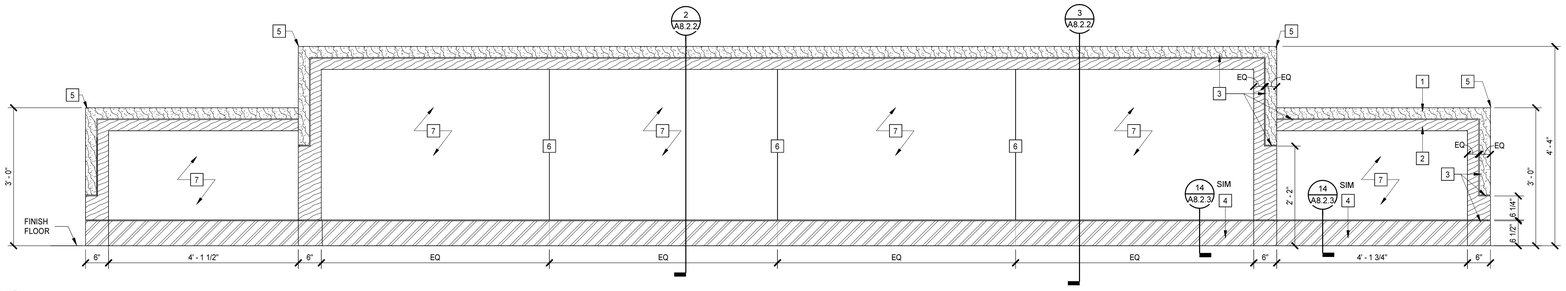
5 A8.2.2 | A8.2.2 ELEVATION - TYPICAL COURTROOM BENCH LEFT
3/4" = 1'-0"



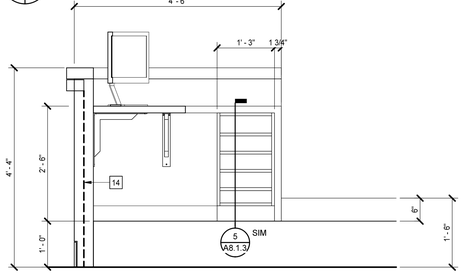
6 A8.2.2 | A8.2.2 ELEVATION - TYPICAL COURTROOM BENCH BACK
3/4" = 1'-0"



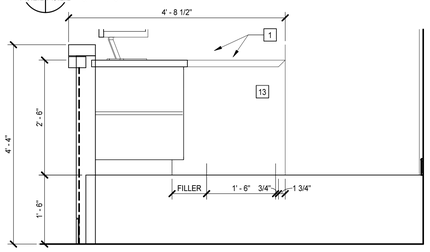
4 A8.2.2 | A8.2.2 ELEVATION - TYPICAL COURTROOM BENCH RIGHT
3/4" = 1'-0"



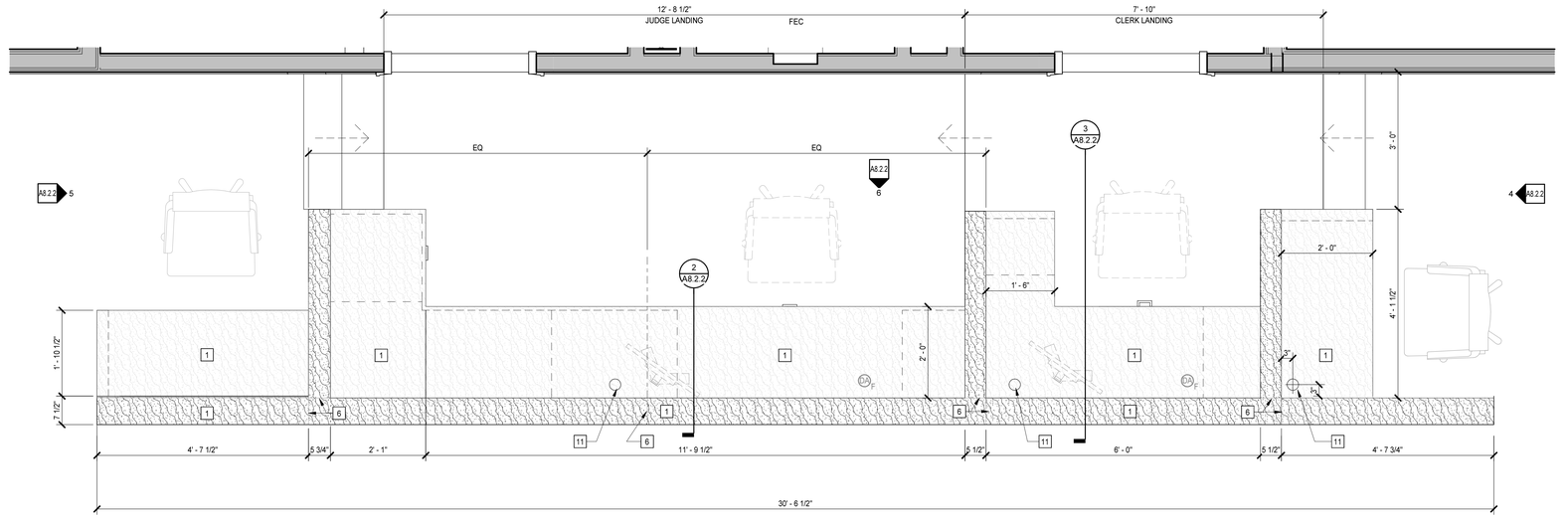
7 A8.2.2 ELEVATION - TYPICAL COURTROOM BENCH FRONT
3/4" = 1'-0"



3 A8.2.2 | A8.2.2 SECTION - TYPICAL JUDGE LANDING
3/4" = 1'-0"



2 A8.2.2 | A8.2.2 SECTION - TYPICAL WITNESS LANDING
3/4" = 1'-0"



1 A7.2.1 | A8.2.2 ENLARGED PLAN - TYPICAL COURTROOM BENCH
3/4" = 1'-0"

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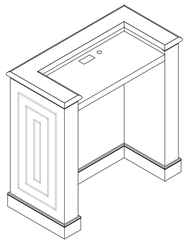
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DATE: MARCH 1, 2024

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DATE	DESCRIPTION

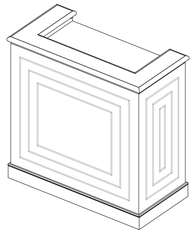
COURTROOM BENCH PLAN, SECTION & DETAILS

A8.2.2

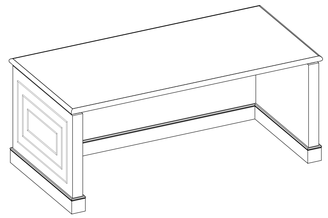
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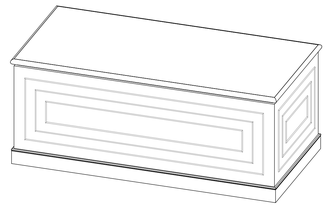
9B 3D VIEW REFERENCE - PODIUM BACK
NO SCALE



9A 3D VIEW REFERENCE - PODIUM FRONT
NO SCALE



1B 3D VIEW REFERENCE - LITIGANTS DESK BACK
NO SCALE

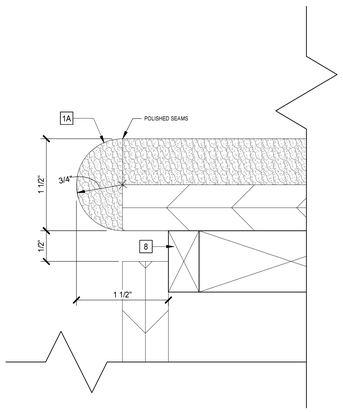


1A 3D VIEW REFERENCE - LITIGANTS DESK FRONT
NO SCALE

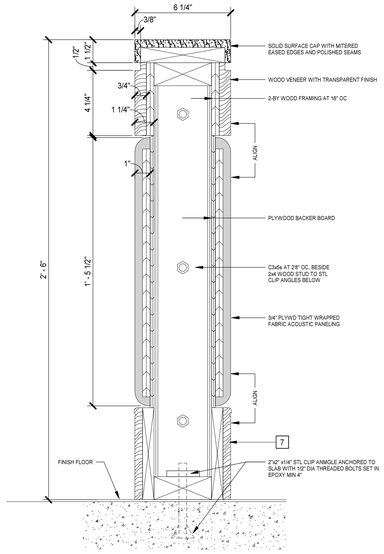
CASEWORK KEYNOTES

APPLIES TO DRAWINGS A8.2.3

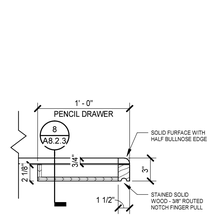
1A	SOLID SURFACE MATERIAL WITH BULLNOSE RADIUS EDGE
1B	SOLID SURFACE MATERIAL WITH MITERED AND EASED EDGE
2	VENEER PLYWOOD WITH TRANSPARENT FINISH
3	SURFACE POP-UP POWER GROMMET
4	PREFABRICATED UNDER MOUNT STEEL BRACKET
5	UNDERCMOUNT WIRE MANAGEMENT TROUGH
6	WOOD PANEL MOULDING TRIM, REFER TO SECTION DETAIL 11/A3.0.3
7	WOOD BASE REFER TO 8/A3.0.3
8	FINISHED PLYWOOD STOP TO MATCH FACE OF CASEWORK



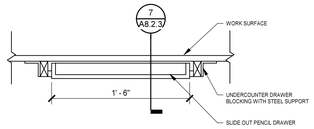
15 SECTION - COURTROOM REVEAL DETAIL
TYP A8.2.3 12" = 1'-0"



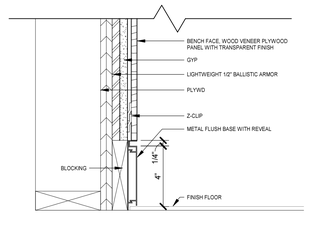
6 SECTION - SPECTATOR RAIL
TYP A8.2.3 3" = 1'-0"



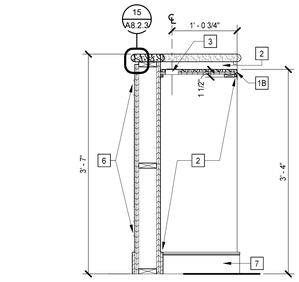
7 SECTION - PENCIL DRAWER
TYP A8.2.3 1 1/2" = 1'-0"



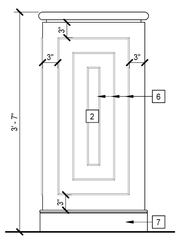
8 SECTION - PENCIL DRAWER
TYP A8.2.3 1 1/2" = 1'-0"



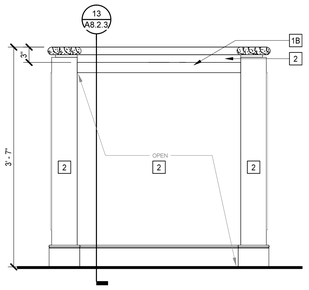
14 SECTION DETAIL - FLUSH RECESSED METAL BASE
TYP A8.2.3 3" = 1'-0"



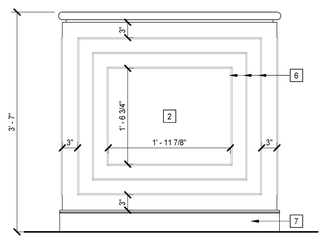
13 SECTION - WITNESS STAND
TYP A8.2.3 1" = 1'-0"



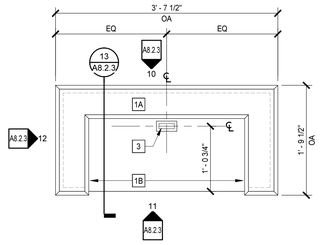
12 ELEVATION - WITNESS STAND SIDES
TYP A8.2.3 1" = 1'-0"



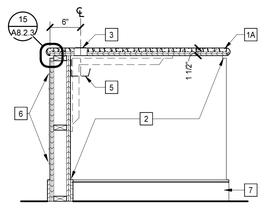
11 ELEVATION - WITNESS STAND BACK
TYP A8.2.3 1" = 1'-0"



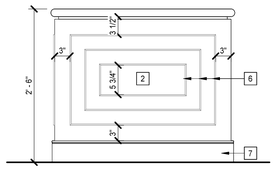
10 ELEVATION - WITNESS STAND FRONT
TYP A8.2.3 1" = 1'-0"



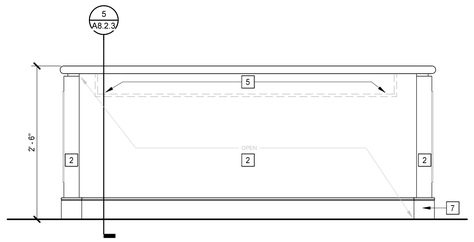
9 PLAN - WITNESS STAND
TYP A8.2.3 1" = 1'-0"



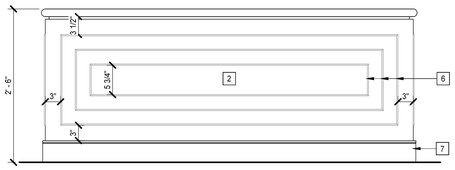
5 SECTION - LITIGANT'S TABLE
TYP A8.2.3 1" = 1'-0"



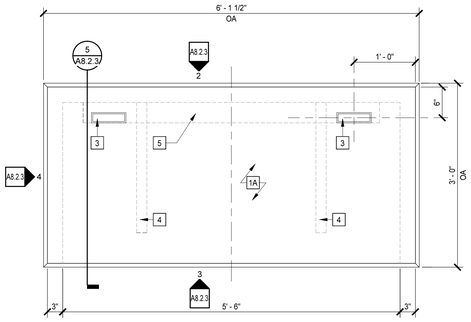
4 ELEVATION - LITIGANTS TABLE SIDES
TYP A8.2.3 1" = 1'-0"



3 ELEVATION - LITIGANT'S TABLE BACK
TYP A8.2.3 1" = 1'-0"



2 ELEVATION - LITIGANT'S TABLE FRONT
TYP A8.2.3 1" = 1'-0"



1 PLAN - LITIGANT'S TABLE
TYP A8.2.3 1" = 1'-0"

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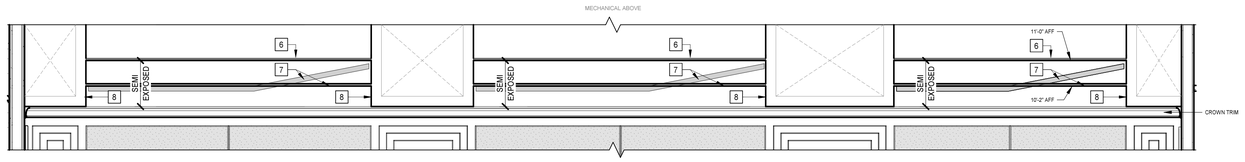
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DATE	DESCRIPTION

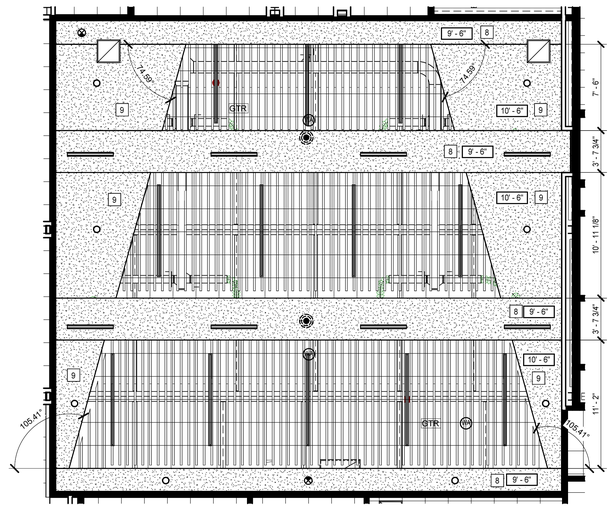
COURTROOM CASEWORK DETAILS

A8.2.3

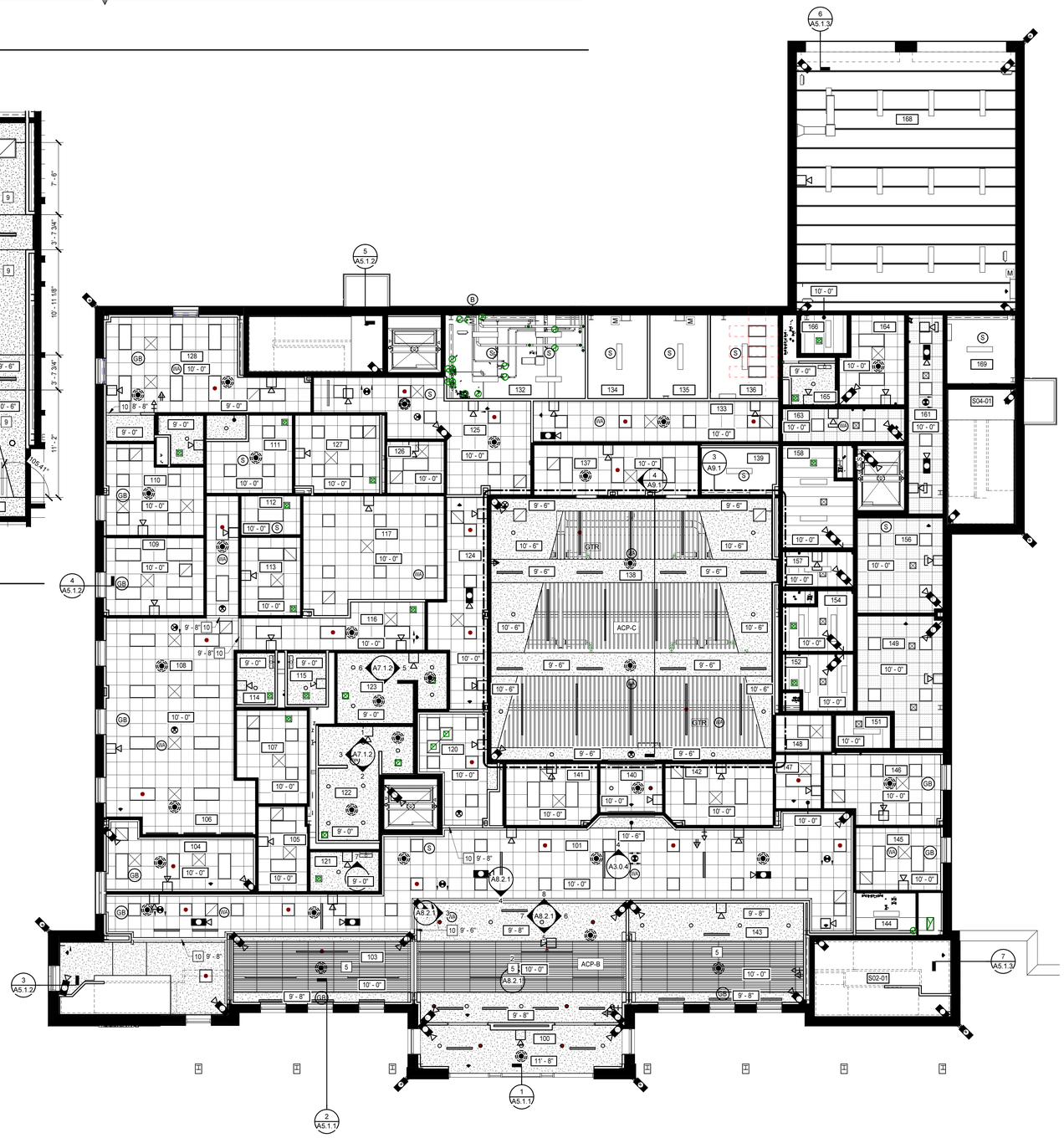
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4 COURTROOM CEILING DETAIL SECTION
A9.1 | A9.1
1/2" = 1'-0"



3 COURTROOM CEILING DETAIL
A9.1 | A9.1
3/16" = 1'-0"



FIRST FLOOR PLAN
1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND
APPLIES TO DRAWINGS A9.1 - A9.2

REFER TO M, E & FP DRAWINGS FOR REFLECTED CEILING PLAN SYMBOLS NOT INDICATED BELOW

- A101 / nn'-nn" — SPACE NUMBER / CEILING HEIGHT, AFF UNO
- INTERIOR APPLICATIONS: GYPSUM BOARD CEILING
- EXTERIOR APPLICATIONS: GYPSUM SOFFIT BOARD OR GYPSUM SHEATHING
- 2'-0" x 2'-0" LAY-IN ACOUSTICAL CEILING PANELS IN SUSPENDED GRID
- 2'-0" x 2'-0" SECURITY GRID SECURITY CEILING SYSTEM
- 1'-6" WIDE SECURITY PLANK SECURITY CEILING SYSTEM
- ACOUSTIC BAFFLES, SEMI-OPEN ON GRID SYSTEM [ACP-B] [ACP-C]
- AP — ACCESS PANEL
- WITH OPENING — EXTERIOR WALL
- WITH OPENING — INTERIOR WALL/PARTITION TO UNDERSIDE OF DECK
- WITH OPENING — INTERIOR WALL/PARTITION TO CAP ABOVE OR TERMINATES ADJACENT TO A RATED HORIZONTAL ASSEMBLY
- WITH OPENING — INTERIOR WALL/PARTITION 4" MIN ABOVE HIGHEST ADJACENT CEILING. IF NECESSARY TO ACHIEVE RESULTS DESIRED, EXTEND WALL HEIGHT SO WALL BRACING IS NOT EXPOSED TO VIEW IN FINISHED SPACES
- INTERIOR WALL/PARTITION TO UNDERSIDE OF CEILING
- EXISTING TO REMAIN. VERIFY VERTICAL EXTENTS WHERE THE HEIGHT IMPACTS THE WORK

REFLECTED CEILING PLAN/DETAIL GENERAL NOTES

A. ALL CEILING HEIGHTS SHALL BE 10'-0" AFF UNLESS INDICATED OTHERWISE.

B. DRAWINGS INDICATE GRID LAYOUT DIAGRAMMATICALLY. REFER TO SPECIFICATIONS FOR SPECIFIC GRID LAYOUT CRITERIA AT PERIMETER CONDITIONS THAT MAY DIFFER FROM GRID LAYOUT INDICATED ON DRAWINGS.

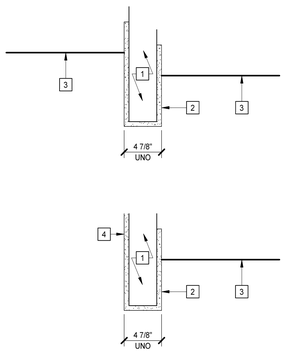
C. CENTER CEILING MOUNTED ITEMS WITHIN CEILING PANELS, UNLESS INDICATED OTHERWISE.

D. IF ADDITIONAL SPRINKLER HEADS ARE REQUIRED TO SATISFY CODE OR COVERAGE DENSITIES (OTHER THAN THOSE THAT MAY BE INDICATED), PROVIDE ADDITIONAL SPRINKLER HEADS AT NO ADDITIONAL COST AND OBTAIN APPROVAL OF ARCHITECT FOR LOCATION OF SUCH HEADS, IF ANY.

REFLECTED CEILING PLAN KEYNOTES
REPRESENTED BY n

APPLIES TO DRAWINGS A9.1 - A9.2

1	CFSF-S
2	5/8" GYP BD, TERMINATE 4" ABV FIN CLG
3	FIN CLG: FINISH AND/OR HEIGHT AFF VARIES
4	GYP BD. EXTEND FULL HEIGHT, UNLESS INDICATED OTHERWISE
5	ACOUSTIC LINEAR PLANK CEILING ON TYPICAL GRID SYSTEM, 24x48
6	ACOUSTIC ANGLED LINEAR BAFFLE MOUNTED TO OPEN GRID SYSTEM. BAFFLES ARE WIDELY SPACED, OPEN AND EXPOSED TO ACP ABOVE
7	BLACK ACP AND GRID BEYOND OPEN ACOUSTIC ANGLED BAFFLE SYSTEM
8	PAINTED GYPSUM SOFFIT/BULKHEAD
9	PAINTED GYPSUM DROP CEILING
10	BULKHEAD; REFER TO BULKHEAD DETAILS A9.1



BULKHEAD DETAILS
NO SCALE

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DATE: MARCH 1, 2024

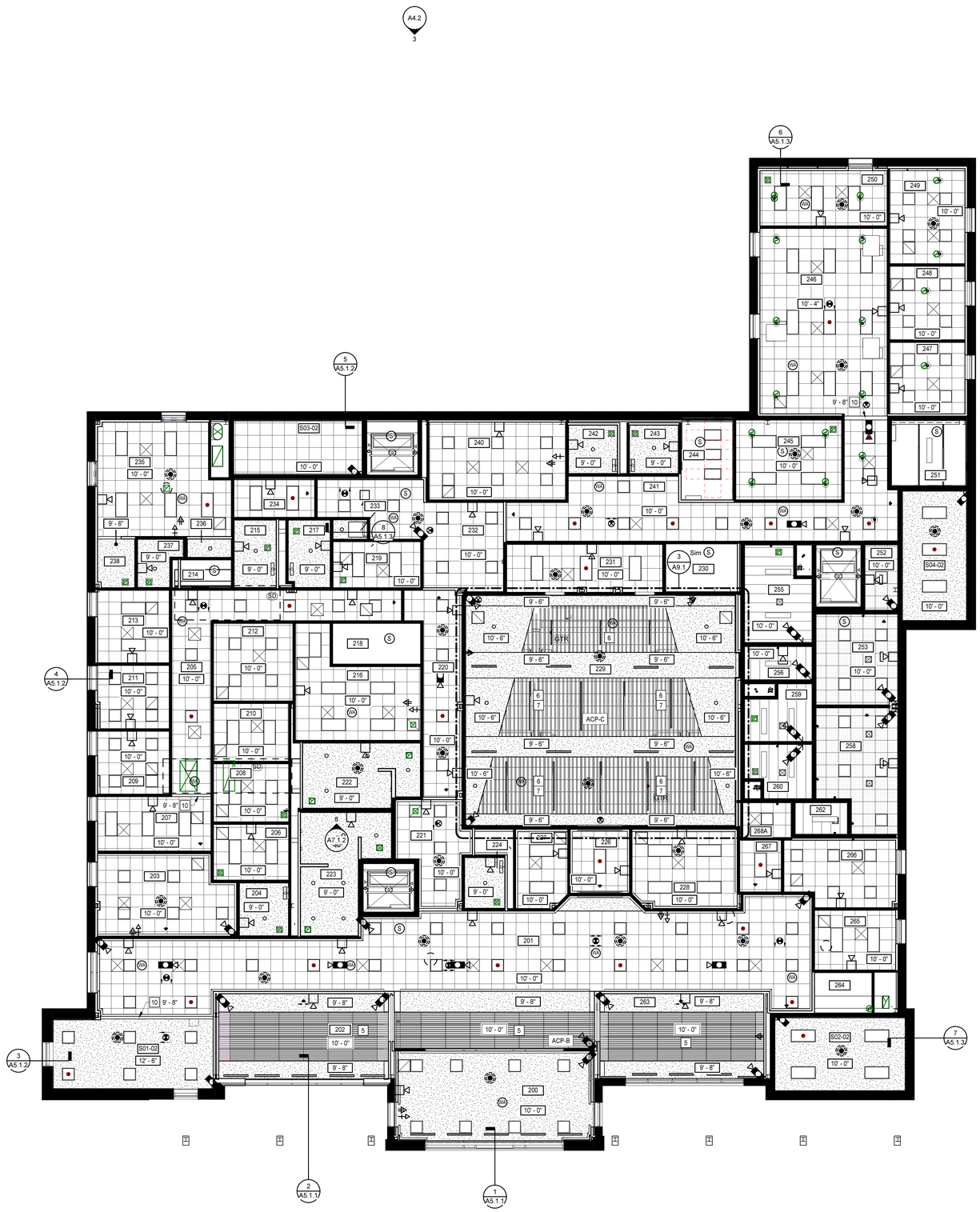
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DATE	DESCRIPTION

FIRST FLOOR REFLECTED CEILING PLAN

A9.1

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REFLECTED CEILING PLAN LEGEND

APPLIES TO DRAWINGS A9.1 - A9.2

REFER TO M, E & FP DRAWINGS FOR REFLECTED CEILING PLAN SYMBOLS NOT INDICATED BELOW

- A101 / nn'-nn" — SPACE NUMBER / CEILING HEIGHT, AFF UNO
- INTERIOR APPLICATIONS: GYPSUM BOARD CEILING
- EXTERIOR APPLICATIONS: GYPSUM SOFFIT BOARD OR GYPSUM SHEATHING
- 2'-0" x 2'-0" LAY-IN ACOUSTICAL CEILING PANELS IN SUSPENDED GRID
- 2'-0" x 2'-0" SECURITY GRID SECURITY CEILING SYSTEM
- 1'-6" WIDE SECURITY PLANK SECURITY CEILING SYSTEM
- ACOUSTIC BAFFLES, SEMI-OPEN ON GRID SYSTEM [ACP-B] [ACP-C]
- AP — ACCESS PANEL
- WITH OPENING — EXTERIOR WALL
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- WITH OPENING — INTERIOR WALL/PARTITION 4" MIN ABOVE HIGHEST ADJACENT CEILING. IF NECESSARY TO ACHIEVE RESULTS DESIRED, EXTEND WALL HEIGHT SO WALL BRACING IS NOT EXPOSED TO VIEW IN FINISHED SPACES
- INTERIOR WALL/PARTITION TO UNDERSIDE OF CEILING
- EXISTING TO REMAIN. VERIFY VERTICAL EXTENTS WHERE THE HEIGHT IMPACTS THE WORK

REFLECTED CEILING PLAN/DETAIL GENERAL NOTES

A. ALL CEILING HEIGHTS SHALL BE 10'-0" AFF UNLESS INDICATED OTHERWISE.

B. DRAWINGS INDICATE GRID LAYOUT DIAGRAMMATICALLY. REFER TO SPECIFICATIONS FOR SPECIFIC GRID LAYOUT CRITERIA AT PERIMETER CONDITIONS THAT MAY DIFFER FROM GRID LAYOUT INDICATED ON DRAWINGS.

C. CENTER CEILING MOUNTED ITEMS WITHIN CEILING PANELS, UNLESS INDICATED OTHERWISE.

D. IF ADDITIONAL SPRINKLER HEADS ARE REQUIRED TO SATISFY CODE OR COVERAGE DENSITIES (OTHER THAN THOSE THAT MAY BE INDICATED), PROVIDE ADDITIONAL SPRINKLER HEADS AT NO ADDITIONAL COST AND OBTAIN APPROVAL OF ARCHITECT FOR LOCATION OF SUCH HEADS, IF ANY.

REFLECTED CEILING PLAN KEYNOTES

REPRESENTED BY n

APPLIES TO DRAWINGS A9.1 - A9.2

1	CFSF-S
2	5/8" GYP BD, TERMINATE 4" ABV FIN CLG
3	FIN CLG: FINISH AND/OR HEIGHT AFF VARIES
4	GYP BD: EXTEND FULL HEIGHT, UNLESS INDICATED OTHERWISE
5	ACOUSTIC LINEAR PLANK CEILING ON TYPICAL GRID SYSTEM, 24x48
6	ACOUSTIC ANGLED LINEAR BAFFLE MOUNTED TO OPEN GRID SYSTEM. BAFFLES ARE WIDELY SPACED, OPEN AND EXPOSED TO ACP ABOVE
7	BLACK ACP AND GRID BEYOND OPEN ACOUSTIC ANGLED BAFFLE SYSTEM
8	PAINTED GYPSUM SOFFIT/BULKHEAD
9	PAINTED GYPSUM DROP CEILING
10	BULKHEAD; REFER TO BULKHEAD DETAILS A9.1

SECOND FLOOR
1/8" = 1'-0"

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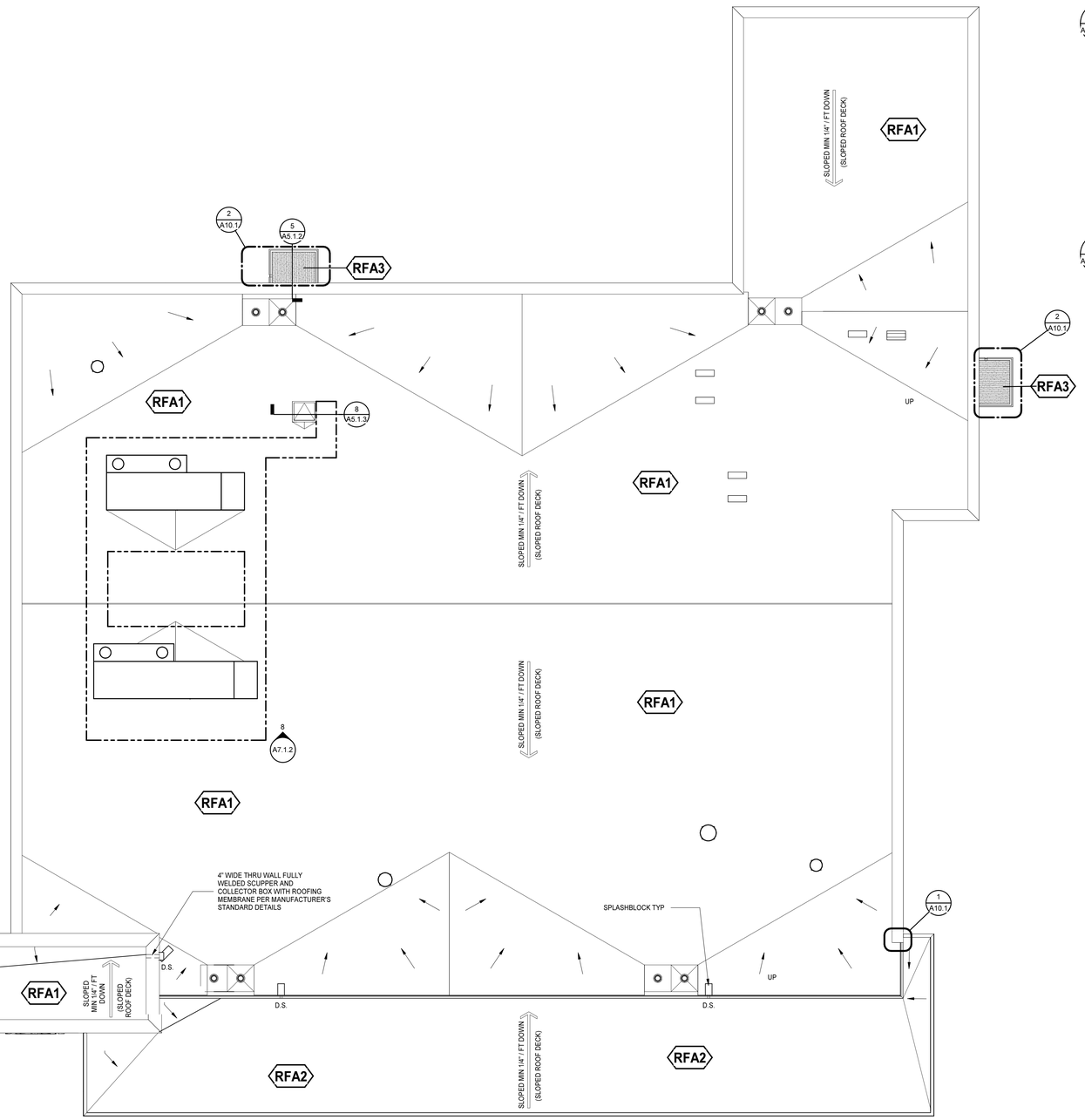
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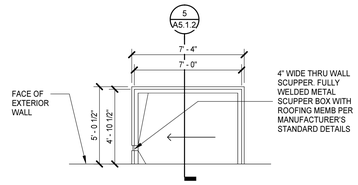
SECOND FLOOR REFLECTED CEILING PLAN

A9.2

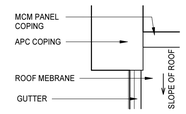
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ROOF PLAN
1/8" = 1'-0"



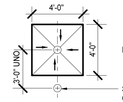
2 A10.1 A10.1 SMALL CANOPY PLAN
1/4" = 1'-0"



1 A10.1 A10.1 ENLARGED ROOF PLAN DETAIL
1/2" = 1'-0"

ROOF PLAN LEGEND
APPLIES TO DRAWINGS A10.1.1 - A10.1.n

REFER TO M, E & FP DRAWINGS FOR ROOF SYMBOLS NOT INDICATED BELOW



PRIMARY ROOF DRAIN AND SUMP

SECONDARY/EMERGENCY OVERFLOW (WHERE OCCURS)



GUTTER AND DOWNSPOUT (RECTANGULAR SHOWN, MAY BE ROUND IF SPECIFIED)

ROOF ACCESS HATCH

SCUPPER

CRICKET

WALKWAY PATH

INDICATES DIRECTION OF ROOF ASSEMBLY SLOPE

ROOF PLAN GENERAL NOTES

A. ALL ROOF ASSEMBLIES: RFA1, UNO.

B. ROOF PLAN DOES NOT INDICATE ALL EQUIPMENT AND PENETRATIONS. REFER TO OTHER DISCIPLINE'S DRAWINGS FOR QUANTITIES AND LOCATIONS OF ROOFTOP EQUIPMENT AND ASSOCIATED PENETRATIONS.

C. COORDINATE LOCATION AND SIZE OF ROOF OPENINGS AND ASSOCIATED PENETRATIONS WITH STRUCTURE.

D. ROOF DETAILS MAY NOT ENTIRELY REPRESENT ACTUAL CONSTRUCTION CONDITIONS. ACTUAL DETAIL ASSEMBLIES SHALL BE APPROVED BY ROOFING MANUFACTURER.

E. ROOF PLAN DOES NOT INDICATE ALL ROOFING DETAILS (INCLUDING BUT NOT LIMITED TO ROOF DRAINS; VTR; CURBS; EXPANSION JOINTS; ROOF HATCHES). PROVIDE MFR'S DETAILS AS REQUIRED TO SUIT SPECIFIC APPLICATION AND SPECIFICATIONS.

F. PROVIDE CRICKETS AT DRAINS, WALLS, CURBS, MECHANICAL EQUIPMENT, AND OTHER OBSTRUCTIONS SUCH THAT 1/4" PER FOOT MINIMUM POSITIVE DRAINAGE SLOPE IS MAINTAINED AT ALL SUCH AREAS.

G. PROVIDE DOUBLE-LAYER OF MEMBRANE ROOFING MATERIAL UNDER SPLASH BLOCKS.

H. CENTER ALL PENETRATIONS BETWEEN RIBS OF METAL ROOFING. PIPING, DUCTWORK AND CURBS SHALL BE OFFSET AS REQUIRED TO ACHIEVE PENETRATIONS CENTERED BETWEEN RIBS.

ROOF ASSEMBLIES
APPLIES TO A10.1.n AND A10.2.n SERIES OF DRAWINGS
REPRESENTED BY ⟨n⟩

MARK	FIRE RATED ASSEMBLY (REFER TO LS1.1 FOR LEGEND)	REMARKS	INFORMATION (ROOF ASSEMBLIES ARE SHOWN DIAGRAMMATICALLY. REFER TO SPECS FOR REQUIRED R-VALUE AND MATERIAL THICKNESS)
RFA1	⬡		ROOF MEMBRANE COVERBOARD ROOF INSULATION VAPOR/AIR BARRIER MEMBRANE SUBSTRATE BOARD DECK SURFACE
RFA2	⬡		ROOF MEMBRANE UNDERLAYMENT VAPOR/AIR BARRIER MEMBRANE SUBSTRATE BOARD DECK SURFACE
RFA3	⬡		PRE-ENGINEERED CANOPY PRE-ENGINEERED DECK PRE-ENGINEERED FASCIA PRE-ENGINEERED SCUPPER (SHEET FLOW CONDITIONS ONLY) PRE-ENGINEERED SOFFIT PANELS PRE-ENGINEERED GUTTER TO DOWNSPOUT OR PRE ENGINEERED COLUMNS BEYOND

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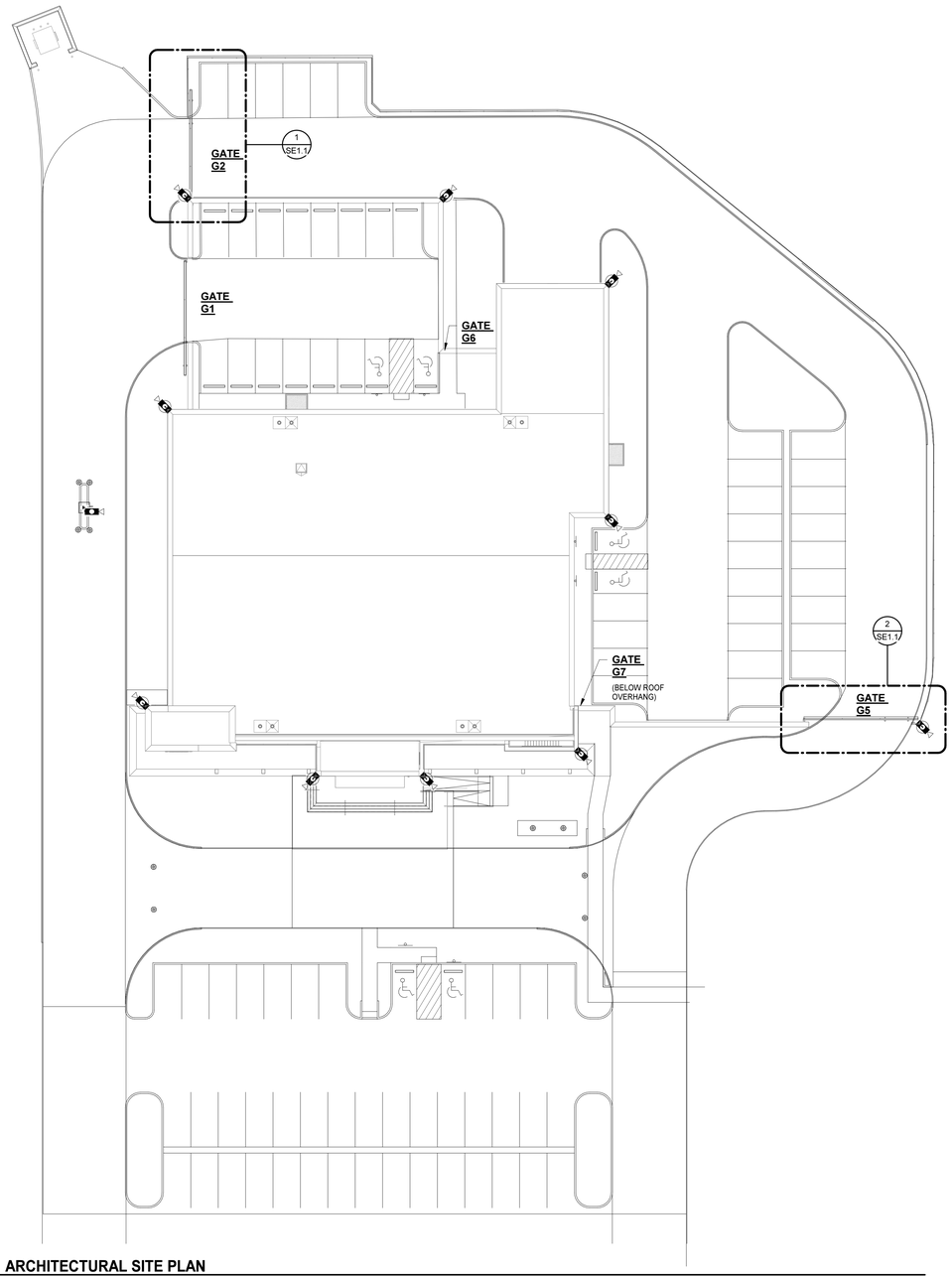
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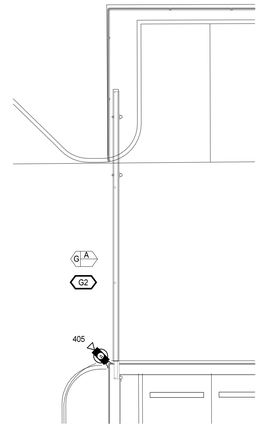
ROOF PLAN

A10.1

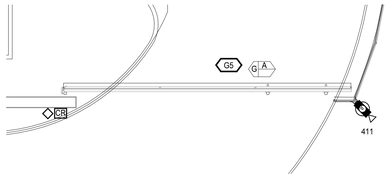
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ARCHITECTURAL SITE PLAN
1" = 20'-0"



1 GATE 2 CALLOUT
SE1.1 SE1.1 — 1/8" = 1'-0"



2 GATE 5 CALLOUT
SE1.1 SE1.1 — 1/8" = 1'-0"

DOOR CONTROL / MONITORING LEGEND
(NOT ALL SYMBOLS NECESSARILY USED)

- CONTROL PANEL FROM WHICH DOOR, ASSOCIATED INTERCOMS & EMERGENCY PUSH BUTTONS ARE CONTROLLED & MONITORED FROM
- CONTROL PANEL FROM WHICH DOOR IS ONLY MONITORED FROM
- LOCK TYPE

A	8" JAMB MTD ELECTRO-MECHANICAL LOCK	F	SWING DOOR INSTITUTIONAL MORTISE ELECTRIC LOCK
B	2" JAMB MTD ELECTRO-MECHANICAL LOCK	G	SWING OR SLIDING GATE W/ INTERFACING TO SECURITY CONTROL TOUCHSCREEN
C	SWING DOOR MANUAL DETENTION LOCK	H	SWING DOOR MANUAL LOCK
D	ELECTRO-MECHANICAL SLIDING DOOR DEVICE	J	-NOT USED-
E	NON-DETENTION DOOR WITH INTERFACING TO SECURITY CONTROL TOUCHSCREEN		

KEYNOTES
APPLIES TO DRAWINGS SE1.1 - SE2.2
REPRESENTED BY: (n)

1. PROVIDE STANCHION WITH TWO ARMS. THE LOWER ARM SHALL HAVE TWO CARD READERS AND ONE INTERCOM. THE INTERCOM SHALL BE PLACED BETWEEN THE TWO READERS WITH THE READER ON THE LEFT (AS FACING THE READER) SHALL OPEN GATE 1 AND THE READER TO THE RIGHT SHALL OPEN GATE 2. THE UPPER ARM SHALL HAVE ONE CARD READER AND ONE INTERCOM. THE CARD READER ON THE UPPER ARM SHALL OPEN GATE 2.
2. PROVIDE MONITORING DEVICE FOR ROOF HATCH.
3. DURESS SHALL OVERRIDE ANY SCHEDULED UNLOCK OF DOOR TO ALLOW DOOR TO BE LOCKED.

GENERAL NOTES
A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY AND GREATER QUANTITY OF WORK.

B. ALL SECURITY DEVICES SHALL HOMERUN TO SECURITY ELECTRONICS HEAD END ROOM IN CONDUIT.

C. COORDINATE FINAL CAMERA HEIGHT AND LOCATION BASED ON THE FIELD CONDITIONS AND ACTUAL CAMERA MODELS BEING USED.

SECURITY SYSTEMS LEGEND
(ALL SYMBOLS NOT NECESSARILY USED)

- WALL MOUNTED EQUIPMENT RACK/CABINET
- SECURITY EQUIPMENT RACK
- GB — GLASS BREAK SENSOR
- DA W — DURESS ALARM - WALL MTD (48" AFF)
- DA F — DURESS ALARM - FURNITURE MOUNTED- COORDINATE WITH FURNITURE PROVIDER
- MASTER INTERCOM
- INTERCOM WALL STATION (48" AFF TO BUTTON)
- INMATE EMERGENCY INTERCOM TO MAIN CONTROL (DOOR FRAME MOUNT 18" AFF)
- PAGING SPEAKER
- CALL BUTTON
- TALK THRU COMMUNICATOR
- TALK THRU UNIT
- M — VIDEO MONITOR
- 01 — CAMERA - FIXED
- 01 — CAMERA - PTZ
- 01 — CAMERA - MULTI-LENS (180°, 270°, 360°)
- CR — PROXIMITY CARD READER
- KP — CARD READER AND KEYPAD
- PB — DOOR RELEASE PUSHBUTTON
- A / B / C — DOOR CONTROL / MONITORING REFER TO "DOOR CONTROL / MONITORING LEGEND"
- D101 D100 — DOOR INTERLOCK
- X — GRAPHICAL USER INTERFACE: A = CONTROL ROOM, B = BACKUP CONTROL
- X-RAY MACHINE
- METAL DETECTOR

REFER TO SPEC SECTION 08 71 00

- DPS — DOOR POSITION SWITCH
- EL — ELECTRIC LOCK DEVICE WITH BUILT IN REQUEST TO EXIT AND FRAME MOUNTED DOOR POSITION SWITCH
- RX — REQUEST TO EXIT DEVICE

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ANTHONY J. BELL III
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3/1/2024
ARCHITECT

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

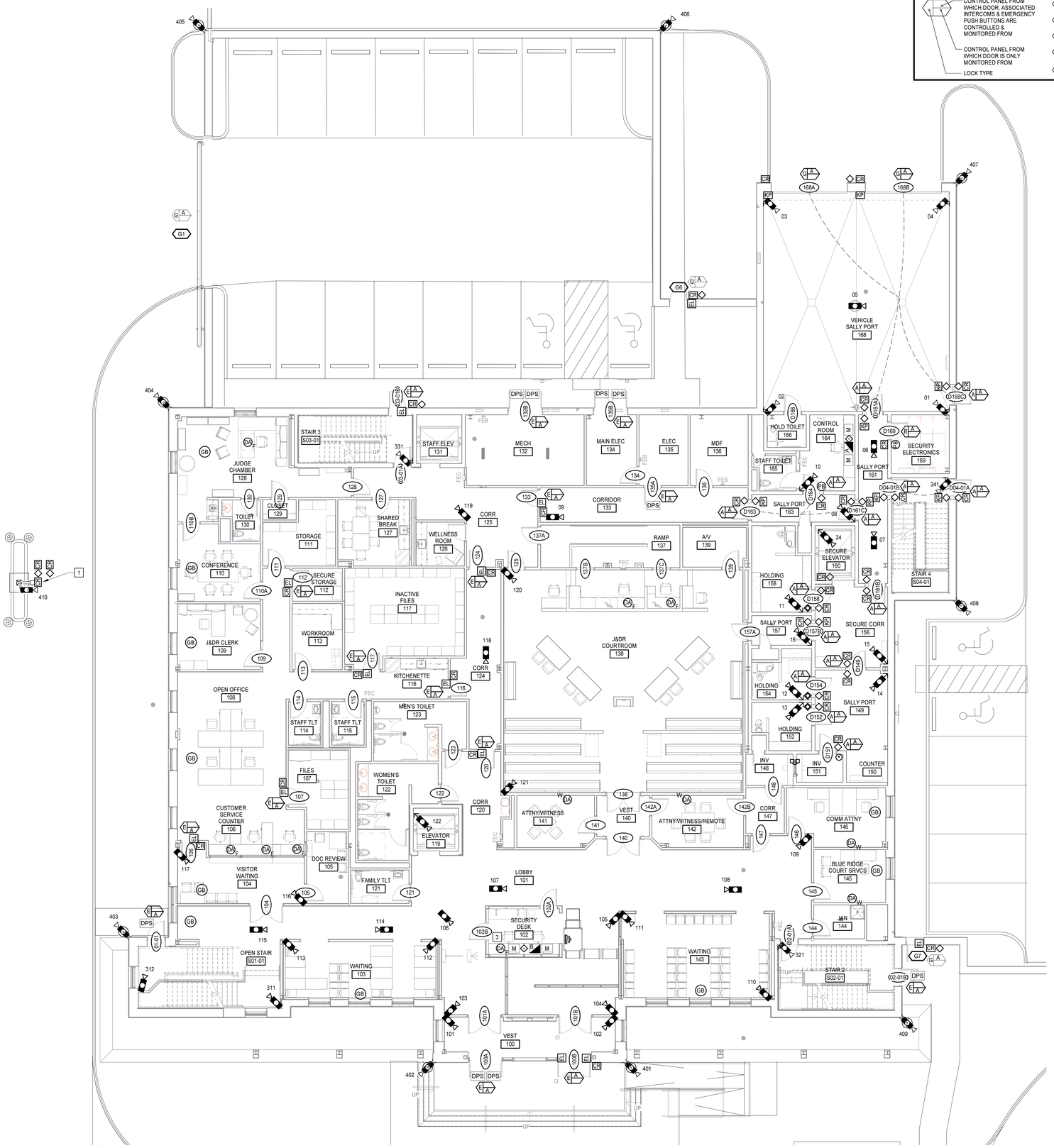
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

SECURITY ELECTRONICS SITE PLAN

SE1.1

3/1/2024 8:10:57 AM



SECURITY ELECTRONICS FLOOR PLAN LEVEL 1

1/8" = 1'-0"

DOOR CONTROL / MONITORING LEGEND

(NOT ALL SYMBOLS NECESSARILY USED)

CONTROL PANEL FROM WHICH DOOR, ASSOCIATED INTERCOMS & EMERGENCY PUSH BUTTONS ARE CONTROLLED & MONITORED FROM

CONTROL PANEL FROM WHICH DOOR IS ONLY MONITORED FROM

LOCK TYPE

- A — 8" JAMB MTD ELECTRO-MECHANICAL LOCK
- B — 2" JAMB MTD ELECTRO-MECHANICAL LOCK
- C — SWING DOOR MANUAL DETENTION LOCK
- D — ELECTRO-MECHANICAL SLIDING DOOR DEVICE
- E — NON-DETENTION DOOR WITH INTERFACING TO SECURITY CONTROL TOUCHSCREEN
- F — SWING DOOR INSTITUTIONAL MORTISE ELECTRIC LOCK
- G — SWING OR SLIDING GATE W/ INTERFACING TO SECURITY CONTROL TOUCHSCREEN
- H — SWING DOOR MANUAL LOCK
- J — -NOT USED-

KEYNOTES

APPLIES TO DRAWINGS SE1.1 - SE2.2

REPRESENTED BY: (n)

1. PROVIDE STANCHION WITH TWO ARMS. THE LOWER ARM SHALL HAVE TWO CARD READERS AND ONE INTERCOM. THE INTERCOM SHALL BE PLACED BETWEEN THE TWO READERS WITH THE READER ON THE LEFT (AS FACING THE READER) SHALL OPEN GATE 1 AND THE READER TO THE RIGHT SHALL OPEN GATE 2. THE UPPER ARM SHALL HAVE ONE CARD READER AND ONE INTERCOM. THE CARD READER ON THE UPPER ARM SHALL OPEN GATE 2.
2. PROVIDE MONITORING DEVICE FOR ROOF HATCH.
3. DURESS SHALL OVERRIDE ANY SCHEDULED UNLOCK OF DOOR TO ALLOW DOOR TO BE LOCKED.

GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY AND GREATER QUANTITY OF WORK.

B. ALL SECURITY DEVICES SHALL HOMERUN TO SECURITY ELECTRONICS HEAD END ROOM IN CONDUIT.

C. COORDINATE FINAL CAMERA HEIGHT AND LOCATION BASED ON THE FIELD CONDITIONS AND ACTUAL CAMERA MODELS BEING USED.

SECURITY SYSTEMS LEGEND

(ALL SYMBOLS NOT NECESSARILY USED)

- WALL MOUNTED EQUIPMENT RACK/CABINET
- SECURITY EQUIPMENT RACK
- GB — GLASS BREAK SENSOR
- DA W — DURESS ALARM - WALL MTD (48" AFF)
- DA F — DURESS ALARM - FURNITURE MOUNTED- COORDINATE WITH FURNITURE PROVIDER
- MASTER INTERCOM
- INTERCOM WALL STATION (48" AFF TO BUTTON)
- INMATE EMERGENCY INTERCOM TO MAIN CONTROL (DOOR FRAME MOUNT 18" AFF)
- S — PAGING SPEAKER
- O — CALL BUTTON
- TALK THRU COMMUNICATOR
- TALK THRU UNIT
- M — VIDEO MONITOR
- 01 — CAMERA - FIXED
- 01 — CAMERA - PTZ
- 01 — CAMERA - MULTI-LENS (180°, 270°, 360°)
- CR — PROXIMITY CARD READER
- KP — CARD READER AND KEYPAD
- PB — DOOR RELEASE PUSHBUTTON
- A B C — DOOR CONTROL / MONITORING REFER TO "DOOR CONTROL / MONITORING LEGEND"
- D101 D102 — DOOR INTERLOCK
- GRAPHICAL USER INTERFACE: A = CONTROL ROOM, B = BACKUP CONTROL
- X-RAY MACHINE
- METAL DETECTOR

REFER TO SPEC SECTION 08 71 00

- DPS — DOOR POSITION SWITCH
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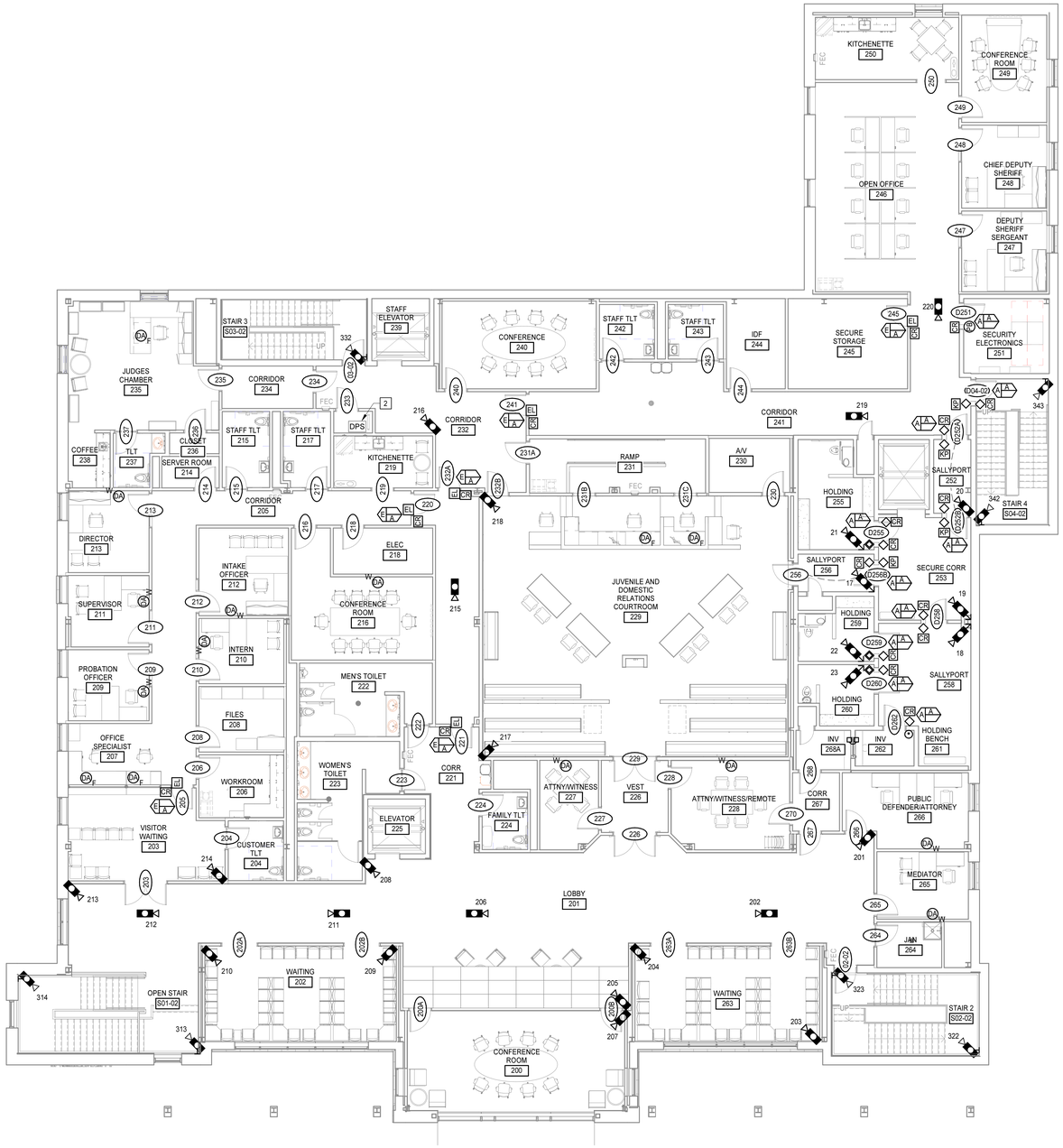
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

SECURITY ELECTRONICS FLOOR PLAN

SE2.1

3/1/2024 8:11:02 AM



SECURITY ELECTRONICS FLOOR PLAN LEVEL 2
1/8" = 1'-0"

DOOR CONTROL / MONITORING LEGEND
(NOT ALL SYMBOLS NECESSARILY USED)

- CONTROL PANEL FROM WHICH DOOR, ASSOCIATED INTERCOMS & EMERGENCY PUSH BUTTONS ARE CONTROLLED & MONITORED FROM
- CONTROL PANEL FROM WHICH DOOR IS ONLY MONITORED FROM
- LOCK TYPE

- A — 8" JAMB MTD ELECTRO-MECHANICAL LOCK
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KEYNOTES
APPLIES TO DRAWINGS SE1.1 - SE2.2
REPRESENTED BY (n)

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CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

SECURITY ELECTRONICS FLOOR PLAN

SE2.2

3/1/2024 8:11:07 AM

SECURITY - CAMERA SCHEDULE

CAMERA NO.	CAMERA TYPE	MOUNTING TYPE	MOUNTING HEIGHT	MOUNTING DETAIL	NOTES
01	FIXED	SURFACE	10' 4" AFF	4/SE3.1	
02	FIXED	SURFACE	10' 4" AFF	4/SE3.1	
03	FIXED	SURFACE	10' 4" AFF	4/SE3.1	
04	FIXED	SURFACE	10' 4" AFF	4/SE3.1	
05	MULTI-LENS 360°	PENDANT	11' 8" AFF	2/SE3.1	PENDANT
06	FIXED	SURFACE	CEILING	2/SE3.1	
07	FIXED	SURFACE	CEILING	2/SE3.1	
08	FIXED	CORNER	CEILING	3/SE3.1	
09	FIXED	RECESSED	CEILING	1/SE3.1	
10	FIXED	CORNER	CEILING	3/SE3.1	
11	FIXED	CORNER	CEILING	3/SE3.1	
12	FIXED	CORNER	CEILING	3/SE3.1	
13	FIXED	CORNER	CEILING	3/SE3.1	
14	FIXED	CORNER	CEILING	3/SE3.1	
15	FIXED	CORNER	CEILING	3/SE3.1	
16	FIXED	CORNER	CEILING	3/SE3.1	
17	FIXED	CORNER	CEILING	3/SE3.1	
18	FIXED	CORNER	CEILING	3/SE3.1	
19	FIXED	CORNER	CEILING	3/SE3.1	
20	FIXED	SURFACE	CEILING	2/SE3.1	WIDE ANGLE
21	FIXED	CORNER	CEILING	3/SE3.1	
22	FIXED	CORNER	CEILING	3/SE3.1	
23	FIXED	CORNER	CEILING	3/SE3.1	
24	FIXED	CORNER	CEILING	3/SE3.1	

SECURITY - CAMERA SCHEDULE

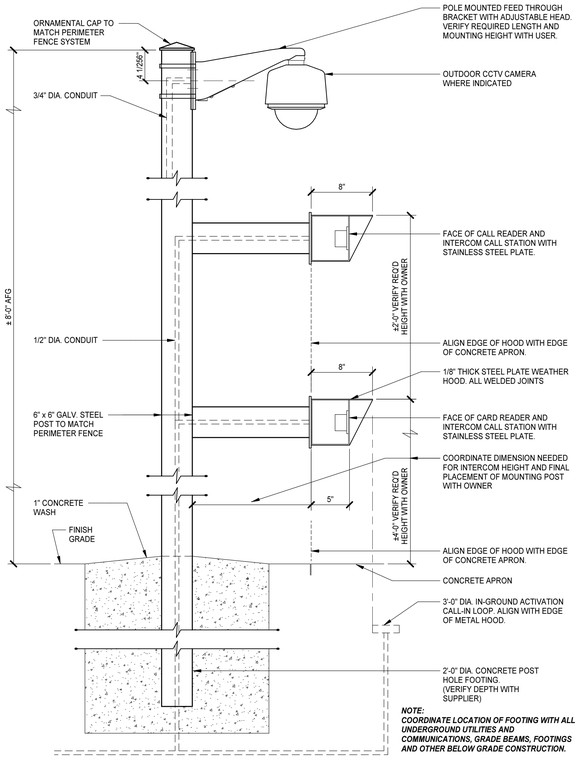
CAMERA NO.	CAMERA TYPE	MOUNTING TYPE	MOUNTING HEIGHT	MOUNTING DETAIL	NOTES
101	FIXED	RECESSED	CEILING	1/SE3.1	
102	FIXED	RECESSED	CEILING	1/SE3.1	
103	FIXED	RECESSED	CEILING	1/SE3.1	
104	FIXED	RECESSED	CEILING	1/SE3.1	
105	FIXED	RECESSED	CEILING	1/SE3.1	
106	FIXED	RECESSED	CEILING	1/SE3.1	
107	FIXED	RECESSED	CEILING	1/SE3.1	
108	FIXED	RECESSED	CEILING	1/SE3.1	
109	FIXED	RECESSED	CEILING	1/SE3.1	
110	FIXED	RECESSED	CEILING	1/SE3.1	
111	FIXED	RECESSED	CEILING	1/SE3.1	
112	FIXED	RECESSED	CEILING	1/SE3.1	
113	FIXED	RECESSED	CEILING	1/SE3.1	
114	FIXED	RECESSED	CEILING	1/SE3.1	
115	FIXED	RECESSED	CEILING	1/SE3.1	
116	FIXED	RECESSED	CEILING	1/SE3.1	
117	FIXED	RECESSED	CEILING	1/SE3.1	
118	FIXED	RECESSED	CEILING	1/SE3.1	
119	FIXED	RECESSED	CEILING	1/SE3.1	
120	FIXED	RECESSED	CEILING	1/SE3.1	
121	FIXED	RECESSED	CEILING	1/SE3.1	
122	FIXED	CORNER	CEILING	3/SE3.1	

SECURITY - CAMERA SCHEDULE

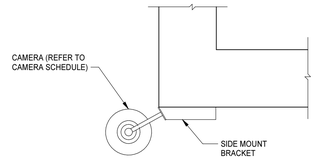
CAMERA NO.	CAMERA TYPE	MOUNTING TYPE	MOUNTING HEIGHT	MOUNTING DETAIL	NOTES
201	FIXED	RECESSED	CEILING	1/SE3.1	
202	FIXED	RECESSED	CEILING	1/SE3.1	
203	FIXED	RECESSED	CEILING	1/SE3.1	
204	FIXED	RECESSED	CEILING	1/SE3.1	
205	FIXED	RECESSED	CEILING	1/SE3.1	
206	FIXED	RECESSED	CEILING	1/SE3.1	
207	FIXED	RECESSED	CEILING	1/SE3.1	
208	FIXED	RECESSED	CEILING	1/SE3.1	
209	FIXED	RECESSED	CEILING	1/SE3.1	
210	FIXED	RECESSED	CEILING	1/SE3.1	
211	FIXED	RECESSED	CEILING	1/SE3.1	
212	FIXED	RECESSED	CEILING	1/SE3.1	
213	FIXED	RECESSED	CEILING	1/SE3.1	
214	FIXED	RECESSED	CEILING	1/SE3.1	
215	FIXED	RECESSED	CEILING	1/SE3.1	
216	FIXED	RECESSED	CEILING	1/SE3.1	
217	FIXED	RECESSED	CEILING	1/SE3.1	
218	FIXED	RECESSED	CEILING	1/SE3.1	
219	FIXED	RECESSED	CEILING	1/SE3.1	
220	FIXED	RECESSED	CEILING	1/SE3.1	

SECURITY - CAMERA SCHEDULE

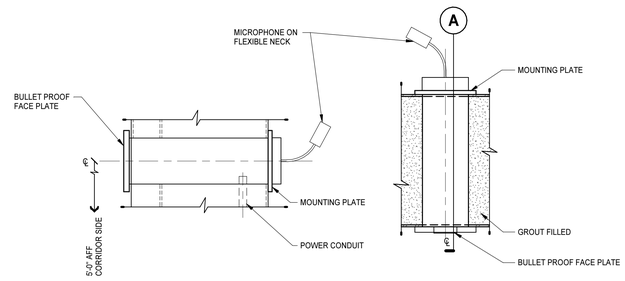
CAMERA NO.	CAMERA TYPE	MOUNTING TYPE	MOUNTING HEIGHT	MOUNTING DETAIL	NOTES
311	FIXED	RECESSED	CEILING	1/SE3.1	WIDE ANGLE
312	FIXED	RECESSED	CEILING	1/SE3.1	WIDE ANGLE
313	FIXED	SURFACE	9' AFF	4/SE3.1	WIDE ANGLE
314	FIXED	SURFACE	3' AFF	4/SE3.1	WIDE ANGLE
321	FIXED	SURFACE	9' AFF	4/SE3.1	WIDE ANGLE
322	FIXED	SURFACE	3' AFF	4/SE3.1	WIDE ANGLE
323	FIXED	SURFACE	9' AFF	4/SE3.1	WIDE ANGLE
331	FIXED	SURFACE	9' AFF	4/SE3.1	WIDE ANGLE
332	FIXED	SURFACE	9' AFF	4/SE3.1	WIDE ANGLE
341	FIXED	SURFACE	9' AFF	4/SE3.1	WIDE ANGLE
342	FIXED	SURFACE	2' AFF	4/SE3.1	WIDE ANGLE
343	FIXED	SURFACE	9' AFF	4/SE3.1	WIDE ANGLE
401	MULTI-LENS 270°	SURFACE	13' 6" AFF	8/SE3.1	
402	MULTI-LENS 270°	SURFACE	13' 6" AFF	8/SE3.1	
403	MULTI-LENS 270°	SURFACE	13' 4" AFF	8/SE3.1	
404	MULTI-LENS 270°	SURFACE	13' 4" AFF	8/SE3.1	
405	MULTI-LENS 270°	SURFACE	9' 6" AFF	8/SE3.1	
406	MULTI-LENS 270°	SURFACE	9' 6" AFF	8/SE3.1	
407	MULTI-LENS 270°	SURFACE	13' 4" AFF	8/SE3.1	
408	MULTI-LENS 270°	SURFACE	12' AFF	8/SE3.1	
409	MULTI-LENS 270°	SURFACE	13' 4" AFF	8/SE3.1	
410	FIXED	POLE	7' 6" AFF	7 & 9/SE3.1	
411	MULTI-LENS 270°	POLE	12' AFF	8/SE3.1	USE POLE EXTENSION



9 TYP SE3.1 — DRIVE-UP INTERCOM (DUAL) W/ CAMERA
1 1/2" = 1'-0"

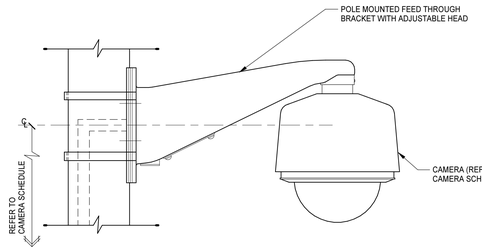


8 TYP SE3.1 — EXT CORNER WALL MOUNTED DOME CAMERA
3/4" = 1'-0"

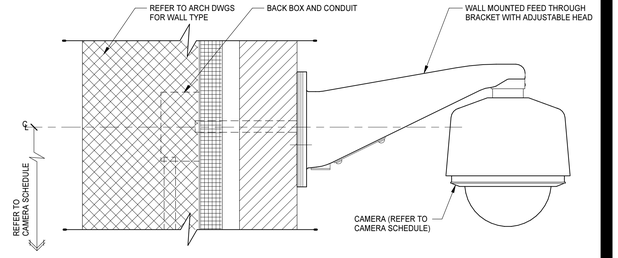


SECTION "A" **INMATE SIDE**

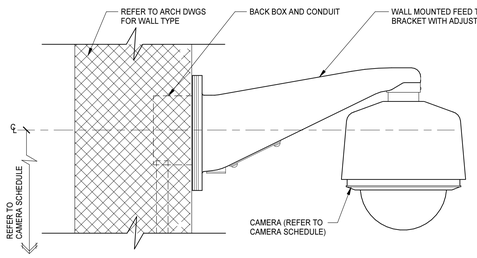
10 TYP SE3.1 — TALK THRU-COMMUNICATOR (TCC)
3" = 1'-0"



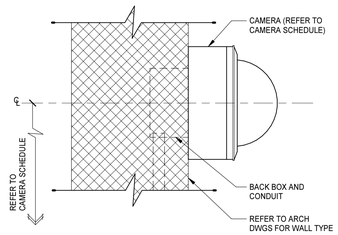
7 TYP SE3.1 — POLE MOUNTED CAMERA
3" = 1'-0"



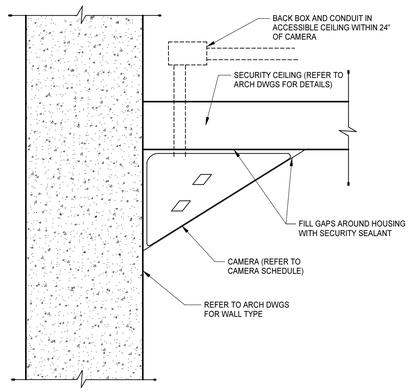
6 TYP SE3.1 — EXT WALL MOUNTED DOME CAMERA
3" = 1'-0"



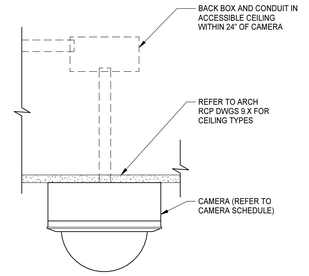
5 TYP SE3.1 — INT WALL MOUNTED DOME CAMERA
3" = 1'-0"



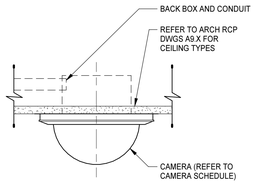
4 TYP SE3.1 — WALL SURFACE MOUNTED CAMERA
3" = 1'-0"



3 TYP SE3.1 — CEILING CORNER MOUNT CAMERA
3" = 1'-0"



2 TYP SE3.1 — CEILING SURFACE MOUNTED CAMERA
3" = 1'-0"



1 TYP SE3.1 — CEILING RECESSED MOUNTED CAMERA
3" = 1'-0"

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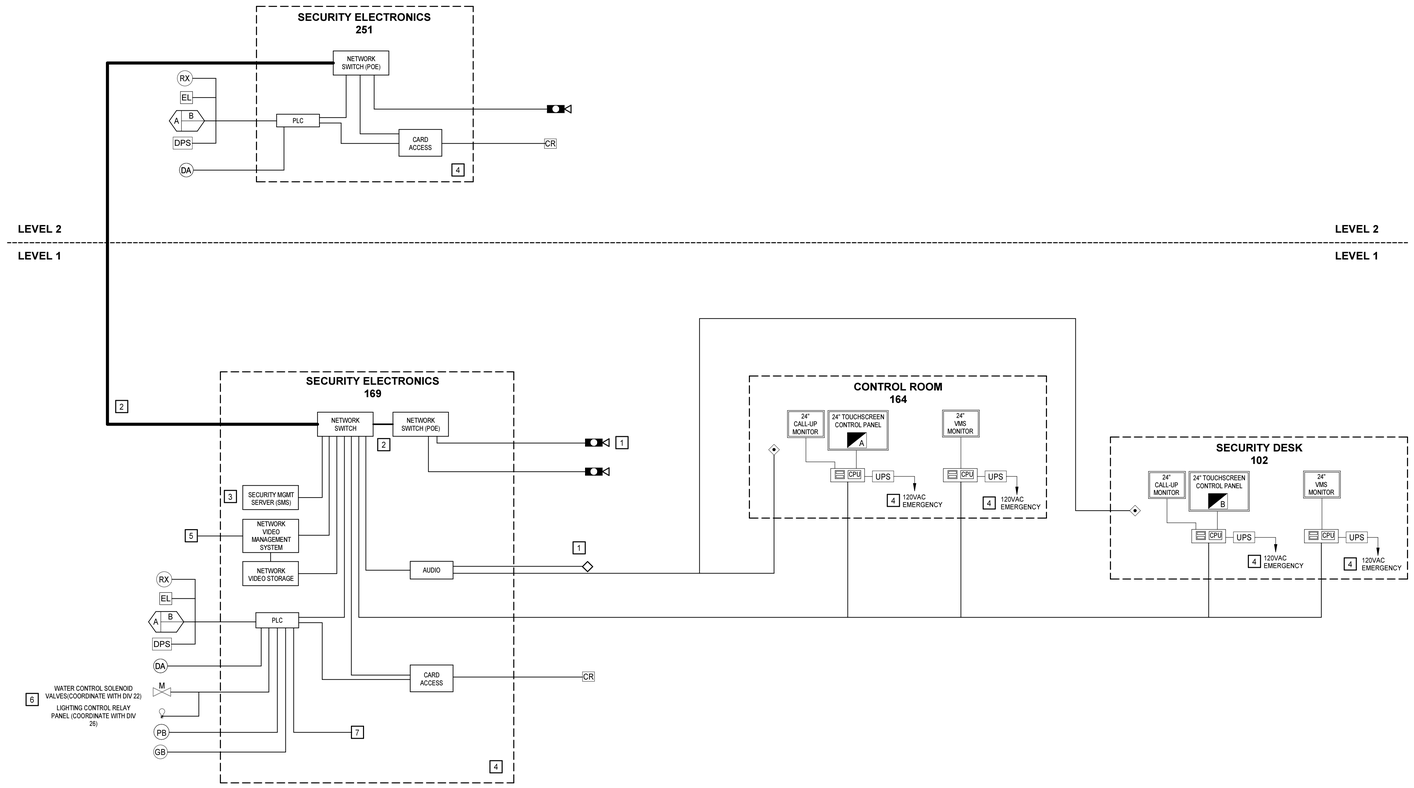
REVISIONS

DATE	DESCRIPTION

CAMERA SCHEDULE AND DETAILS

SE3.1

3/1/2024 8:11:08 AM



SECURITY TYPICAL ONE-LINE DIAGRAM

KEYNOTES

APPLIES TO SINGLE LINE DIAGRAM
REPRESENTED BY (n)

1. EXTERIOR POLE MOUNTED CAMERAS/INTERCOM SHALL USE FIBER OPTIC CABLE FOR VIDEO, AUDIO, AND DATA TRANSMISSION.
2. ALL FIBER OPTIC CABLING FOR SECURITY NETWORK, CATEGORY 6 CABLING FOR CAMERAS, AND SECURITY SERVERS/WORKSTATIONS SHALL BE INSTALLED, TERMINATED, AND TESTED PRIOR TO USE. PROVIDE FIBER BACKBONE FOR NETWORK INFRASTRUCTURE BETWEEN BUILDINGS.
3. PROVIDE SMS SERVER IN SECURITY ELECTRONICS ROOM 0016. CONNECT TO KVM IN RACK FOR CCTV SERVERS.
4. ALL POWER TO SECURITY HEADEND EQUIPMENT AND ASSOCIATED FIELD COMPONENTS SHALL BE CONNECTED TO EMERGENCY / GENERATOR POWER (THROUGH AN SCSC PROVIDED UPS).
5. PROVIDE A SECOND NETWORK CARD ON ALL CCTV SERVERS AND SMS/ACS SERVER FOR USE BY THE COUNTY.
6. PROVIDE CAPABILITY TO CUT OFF WATER AND LIGHTING VIA TOUCHSCREEN.
7. PROVIDE AN ALARM DIALER TO SEND ALL SECURITY ALARMS TO 911 FOR AFTER HOURS WHEN TOUCHSCREENS ARE NOT LOGGED IN.

ONE-LINE DIAGRAM GENERAL NOTES

A. SECURITY CONTROL SYSTEM CABLING AND WIRING INDICATED IS DIAGRAMMATIC ONLY. IT IS INTENDED TO SHOW PROPOSED LOCATIONS OF MAJOR COMPONENTS OF THE SECURITY CONTROL SYSTEM AND THEIR INTERCONNECTION.

B. NO CONDUIT SIZES OR QUANTITIES NOR CONDUCTOR TYPES OR QUANTITIES ARE INDICATED. THE SECURITY CONTROL SYSTEM CONTRACTOR'S (SCSC) INDIVIDUAL CONTROL SOLUTION WILL DETERMINE THE EXACT CONDUIT AND CONDUCTOR REQUIREMENTS. REFER TO DRAWINGS FOR QUANTITIES AND LOCATIONS OF INDIVIDUAL SECURITY CONTROL SYSTEM EQUIPMENT AND DEVICES. REFER TO DIVISION 26 ELECTRICAL FOR POWER.

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ANTHONY J. BELL III
Lic. No. 009147
3/1/2024
ARCHITECT

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

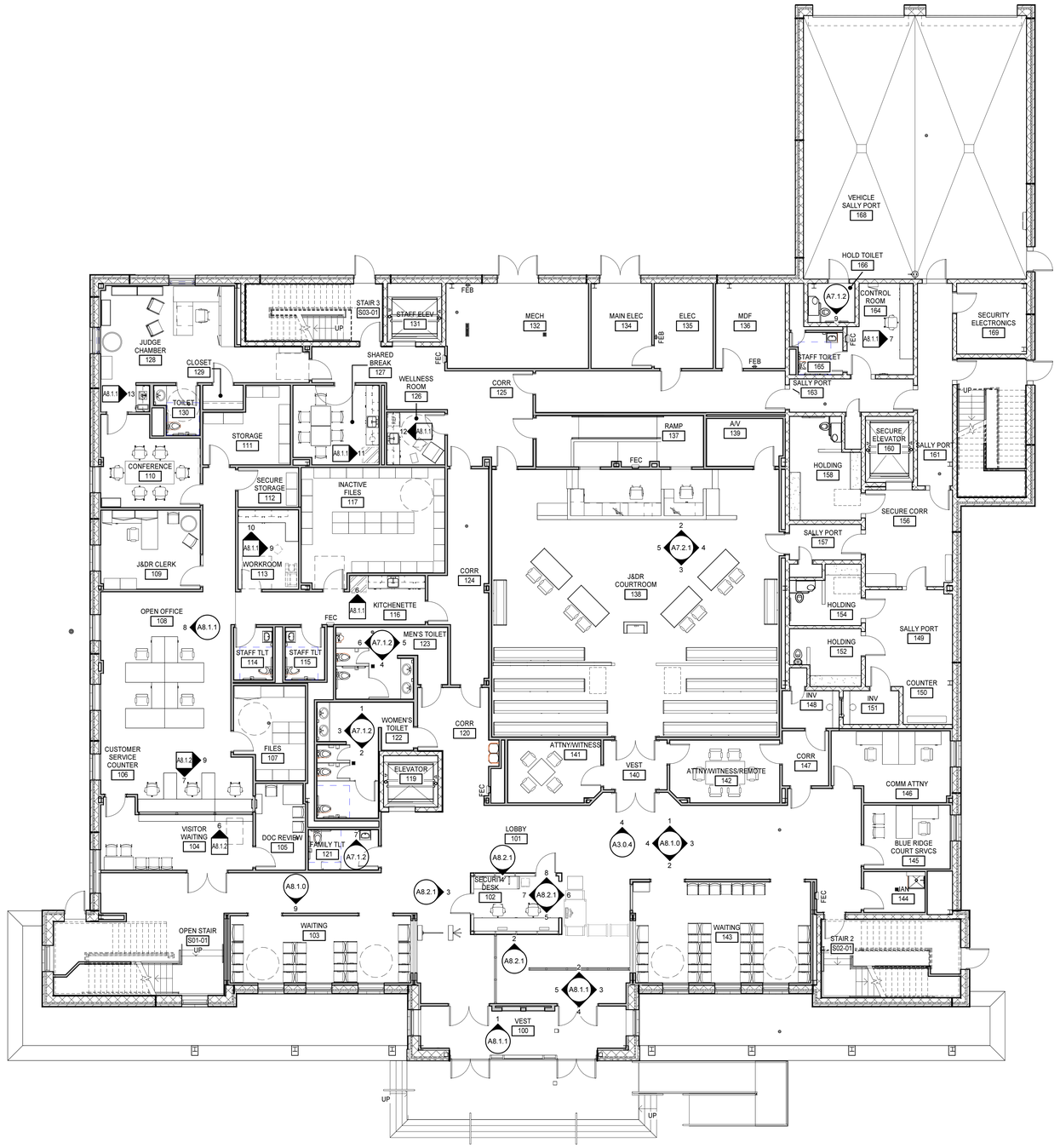
SECURITY ELECTRONICS ONE LINE DIAGRAMS

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FURNITURE GENERAL NOTE

A. FURNITURE AND EQUIPMENT ARE NOT PART OF THE CONSTRUCTION CONTRACT AND ARE SHOWN AS A REFERENCE FOR COORDINATION PURPOSES ONLY.



FIRST FLOOR FURNITURE PLAN
1/8" = 1'-0"

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STAUNTON J&DR COURTS FACILITY

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CITY OF STAUNTON, VA 24401

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DATE	DESCRIPTION

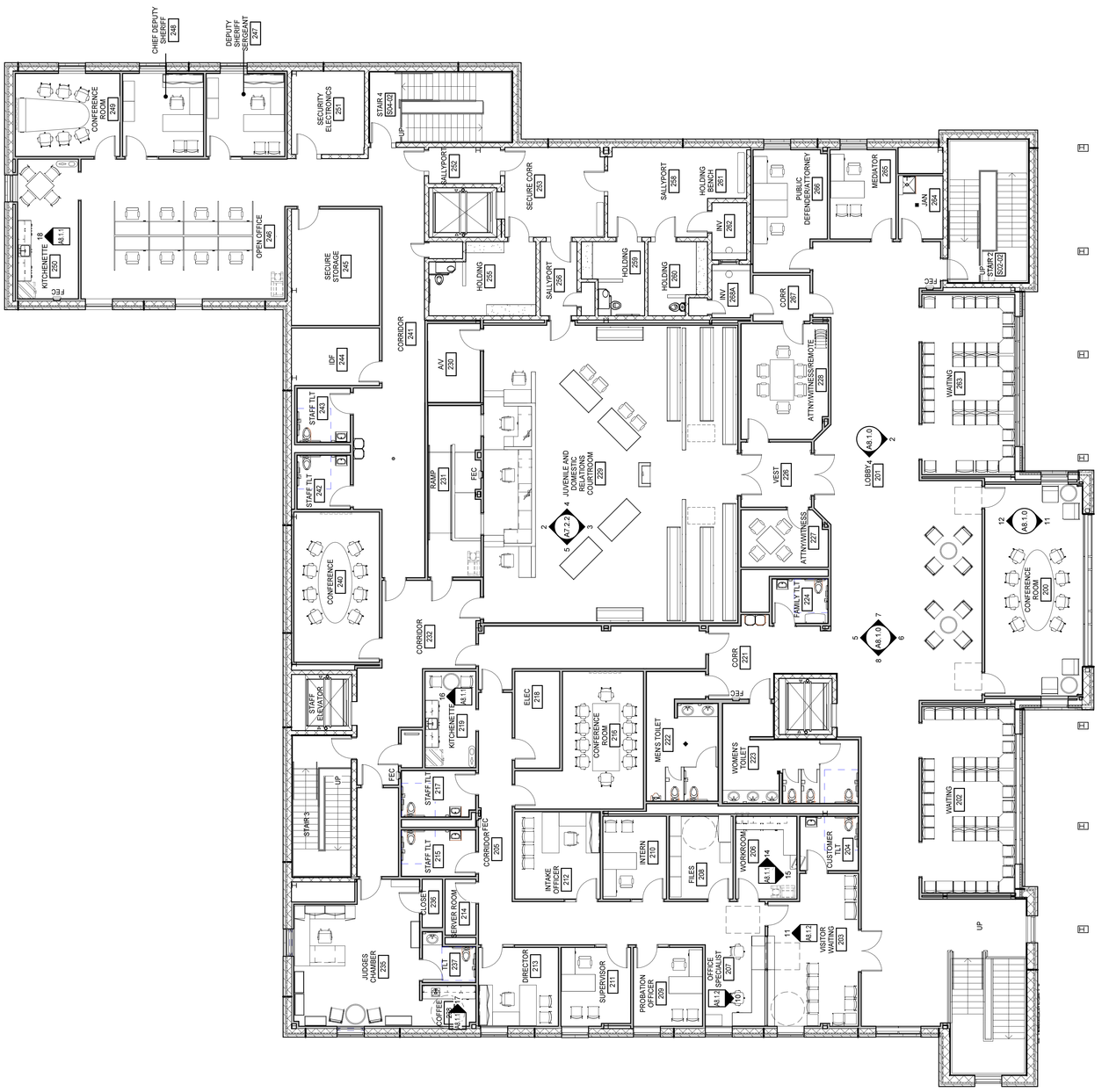
FIRST FLOOR FURNITURE PLAN

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FURNITURE GENERAL NOTE

A. FURNITURE AND EQUIPMENT ARE NOT PART OF THE CONSTRUCTION CONTRACT AND ARE SHOWN AS A REFERENCE FOR COORDINATION PURPOSES ONLY.



SECOND FLOOR FURNITURE PLAN
1/8" = 1'-0"

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO. 63874
DATE MARCH 1, 2024

DATE	REVISIONS DESCRIPTION

SECOND FLOOR
FURNITURE PLAN

FE2.2

MOSELEYARCHITECTS

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ARCHITECT

3/1/2024 8:37:03 AM

STRUCTURAL ABBREVIATIONS

AB	ANCHOR BOLT	HSS	HOLLOW STRUCTURAL SECTION
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	HT	HEIGHT
AFF	ABOVE FINISHED FLOOR	ID	INSIDE DIAMETER
ALUM	ALUMINUM	IN	INCH
APPROX	APPROXIMATE	INFO	INFORMATION
ARCH	ARCHITECTURAL, ARCHITECT	INT	INTERIOR
AVG	AVERAGE	JBE	JOIST BEARING ELEVATION
BLDG	BUILDING	JS	JOIST SUBSTITUTE
BM	BEAM	JST	JOIST
BMC	BUILDING MOUNTED CANOPIES	JT	JOINT
BOT	BOTTOM	K	KIP
BRG	BEARING	LBS	POUNDS
BTWN	BETWEEN	LF	LINEAR FEET (FOOT)
CANT	CANTILEVER	LLH	LONG LEG HORIZONTAL
CFSF	COLD FORMED STEEL FRAMING	LLV	LONG LEG VERTICAL
CIP	CAST IN PLACE	M	METER(S)
CJ	CONTROL JOINT	MAS	MASONRY
CLG	CEILING	MATL	MATERIAL
CLR	CLEAR	MAX	MAXIMUM
CMU	CONCRETE MASONRY UNIT	MBMA	METAL BUILDING MANUFACTURER'S ASSOC
COL	COLUMN	MBS	METAL BULIDNG SYSTEM
CONC	CONCRETE	MECH	MECHANICAL
CONN	CONNECTION	MFR	MANUFACTURER
CONSTR	CONSTRUCTION	MIN	MINIMUM
CONT	CONTINUOUS	MM	MILLIMETER(S)
CTR	CENTER	NOM	NOMINAL
DBA	DEFORMED BAR ANCHOR	NS	NON SHRINK
DBL	DOUBLE	OC	ON CENTER
DIA	DIAMETER	OD	OUTSIDE DIAMETER
DIAG	DIAGONAL	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
DIM	DIMENSION	OPNG	OPENING
DN	DOWN	OPP	OPPOSITE
DWG	DRAWING	PAF	POWDER-ACTUATED FASTENERS
EA	EACH	PC CONC	PRECAST CONCRETE
EF	EACH FACE	PFBC	PRE-FABRICATED BUILDING COLUMN
EJ	EXPANSION JOINT	PLF	POUNDS PER LINEAR FOOT
EL	ELEVATION	POLY	POLYETHYLENE
ELECT	ELECTRICAL	PPT	PRESSURE PRESERVATIVE TREATED
ELEV	ELEVATOR	PSF	POUNDS PER SQUARE FOOT
EOD	EDGE OF DECK	PTFE	POLYTETRAFLUOROETHYLENE
EOS	EDGE OF SLAB	R	RADIUS
EQ	EQUAL	RD	ROOF DRAIN
EW	EACH WAY	REF	REFERENCE
EX	EXISTING	REINF	REINFORCING, REINFORCED
EXP	EXPANSION	REQ'D	REQUIRED
EXT	EXTERIOR	SIM	SIMILAR
FB	FIXED BASE	SL	SLOPE
FD	FLOOR DRAIN	SOG	SLAB ON GRADE
FDN	FOUNDATION	SPA	SPACES
FF	FINISHED FLOOR	SS	STAINLESS STEEL
FIN	FINISHED	STD	STANDARD
FLR	FLOOR	STIFF	STIFFENER
FOB	FACE OF BRICK	STRUCT	STRUCTURAL
FOC	FACE OF CONCRETE	SUSP	SUSPENDED
FOM	FACE OF MASONRY	SYM	SYMMETRY(RICAL)
FRMG	FRAMING	T&B	TOP AND BOTTOM
FRT	FIRE RETARDANT TREATED	T&G	TONGUE AND GROOVE
FT	FOOT	TF	TRANSFER FORCE
FTG	FOOTING	TOC	TOP OF CONCRETE
GA	GAGE	TOS	TOP OF STEEL
GALV	GALVANIZED	TOSL	TOP OF SLAB
GB	GRADE BEAM	TOW	TOP OF WALL
GC	GENERAL CONTRACTOR	TYP	TYPICAL
GRD	GRADE	UNO	UNLESS NOTED OTHERWISE
HD	HEADED	VB	VAPOR BARRIER
HK	HOOK	VERT	VERTICAL
HORIZ	HORIZONTAL	VR	VAPOR RETARDER
HS	HIGH STRENGTH	WP	WORK POINT
		WWF	WELDED WIRE FABRIC

PLAN LEGEND

℄	CENTERLINE
JBE (+X'-X")	JOIST BEARING ELEVATION
BP1, BP2 ...	BEAM BEARING PLATE
BP-A, BP-B ...	COLUMN BASE PLATE
H1, H2 ...	WOOD HEADER
J1, J2 ...	WOOD JOIST
T-1, T-2 ...	TRUSS
WP1, WP2 ...	WOOD POST
P-1, P-2 ...	CONCRETE PIER
JS	JOIST SUBSTITUTE
KCS	CONSTANT SHEAR JOIST
SP	SPECIAL JOIST
	WALL FOOTING STEP
-X'-X"	TOP OF FOOTING ELEVATION
WP	WORK POINT
(X'-X")	TOP OF SLAB ELEVATION
L1, L2 ...	LINTEL
X.X	COLUMN FOOTING
(+X'-X")	TOP OF STEEL BEAM ELEVATION
(J)	INDICATES TOP OF STRUCTURAL MEMBER SHALL BE IN SAME PLANE AS TOP OF JOIST
(SL)	INDICATES TOP OF STRUCTURAL MEMBER SHALL BE SLOPED
WFX.X	WALL FOOTING
	THICKENED SLAB
★	STEEL JOIST BOTTOM CHORD EXTENSION, WELDED
	STEEL BEAM MOMENT CONNECTION
(EX)	EXISTING
TF	TRANSFER FORCE
#5@48"	CMU WALL REINFORCING SIZE AND SPACING
	CHANGE IN SLAB ELEVATION
TCX	TOP CHORD EXTENSION

DESIGN LOAD DATA

1. CLASSIFICATION OF BUILDING
   RISK CATEGORY (IBC TABLE 1604.5) — III

2. FLOOR LIVE LOADS — UNIFORM / CONCENTRATED

OFFICES	50 PSF	2000 LB
PARTITION ALLOWANCE	15 PSF	WHERE UNIFORM LIVE LOAD IS LESS THAN 80 PSF
LOBBIES, COURTROOMS, STAIRS AND CORRIDORS	100 PSF	2000 LB
LIGHT STORAGE	125 PSF	
MECHANICAL ROOMS	150 PSF	
CELLS	40 PSF	
HANDRAILS AND GUARDS	50 PLF	200 LB

   LOADS ARE NOT CONCURRENT AND ARE TO BE APPLIED IN ANY DIRECTION

   CONCENTRATED LOAD APPLIED OVER 2'-6" x 2'-6" AREA.

   REDUCTION OF FLOOR LIVE LOAD HAS NOT BEEN UTILIZED.

3. ROOF LIVE LOADS

MINIMUM ROOF LIVE LOAD	20 PSF	300 LB

   CONCENTRATED LOAD APPLIED OVER 2'-6" x 2'-6" AREA.

   REDUCTION OF MINIMUM ROOF LIVE LOAD HAS NOT BEEN UTILIZED.

4. SUPERIMPOSED DEAD LOADS

ROOF	28 PSF
ALL FRAMED FLOORS, U.N.O.	13 PSF
PHOTOVOLTAIC PANEL SYSTEMS	15 PSF

5. ROOF SNOW LOAD

GROUND SNOW LOAD (Pg)	43 PSF
IMPORTANCE FACTOR (Is)	1.1
EXPOSURE FACTOR (Ce)	1.0
THERMAL FACTOR (Ct)	1.0
FLAT ROOF SNOW LOAD (Pf = 0.7 x Ce x Ct x Is x Pg)	33 PSF
MINIMUM Pf FOR Pg > 20 PSF	
Pf min = 20 x I	22 PSF
SNOW DRIFTING LOADS	PER ASCE 7

6. WIND DESIGN DATA

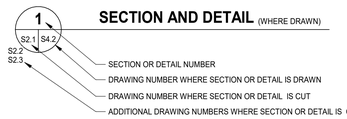
DESIGN WIND SPEED	120 MPH
EXPOSURE	B
INTERNAL PRESSURE COEFFICIENT (GCpi)	±0.18 (ENCLOSED)
COMPONENTS AND CLADDING WIND PRESSURE	REFER TO TABLE BELOW (PER IBC & ASCE7)

7. SEISMIC DESIGN DATA

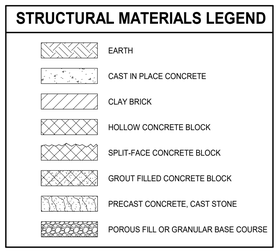
SEISMIC DESIGN CATEGORY	B
SEISMIC IMPORTANCE FACTOR (Ie)	1.25
SITE CLASS	D
MAPPED SPECTRAL RESPONSE ACCELERATIONS	
(Ss)	0.15
(S1)	0.06
DESIGN SPECTRAL RESPONSE ACCELERATIONS	
(Sds)	0.16
(Sd1)	0.09
BASIC SEISMIC FORCE RESISTING SYSTEM:	B. BUILDING FRAME SYSTEM INTERMEDIATE REINFORCED MASONRY SHEAR WALLS

ALL STEEL SYSTEMS ARE:	H. SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE.
RESPONSE MODIFICATION COEFFICIENT (R)	3.0
SYSTEM OVERSTRENGTH FACTOR	2.5
DEFLECTION AMPLIFICATION FACTOR	3.0
SEISMIC RESPONSE COEFFICIENT (Cs)	0.07
DESIGN BASE SHEAR (V = Cs x W)	0.07W
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE PROCEDURE

LEGEND FOR SECTION AND DETAIL MARKS



STRUCTURAL MATERIALS LEGEND



GENERAL

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (USBC), 2018 EDITION.

1. THE STRUCTURAL DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND THE DRAWINGS OF THE OTHER ENGINEERING DISCIPLINES.

2. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUANTITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

3. VERIFY AND COORDINATE MECHANICAL UNIT SUPPORTS AND OPENINGS WITH EQUIPMENT PURCHASED FOR THE PROJECT. COORDINATE REQUIREMENTS FOR SLEEVES, HANGERS, INSERTS, ANCHORS AND ALL OTHER ITEMS TO BE SET IN STRUCTURAL WORK.

4. SPECIAL INSPECTIONS ARE REQUIRED BY THE USBC (SECTION 1704).
   REFER TO THE STATEMENT OF SPECIAL INSPECTIONS PREPARED FOR THIS PROJECT AND THE PROJECT SPECIFICATIONS FOR SPECIFIC INSPECTION REQUIREMENTS.
   REFER TO SPECIFICATION SECTION 014000 FOR GENERAL INSPECTION REQUIREMENTS. SPECIAL INSPECTOR SHALL SUBMIT INSPECTION REPORTS IN COMPLIANCE WITH IBC SECTION 1704.2.4. USE OF "GENERAL CONFORMANCE" OR "GENERAL ACCORDANCE" IS UNACCEPTABLE.

6. CONTRACTOR SHALL CONDUCT PRE-INSTALL MEETINGS ON PROJECT SITE PRIOR TO COMMENCEMENT OF WORK. REFER TO PROJECT SPECIFICATIONS FOR SPECIFIC REQUIREMENTS. GENERAL CONTRACTOR WILL CONDUCT THE MEETING AND SHALL BE RESPONSIBLE FOR THE ATTENDANCE OF ALL REQUIRED TRADES AND SUBCONTRACTORS INCLUDING THE SPECIAL INSPECTOR.

FOUNDATIONS

1. FOUNDATIONS ARE DESIGNED TO BEAR ON ORIGINAL UNDISTURBED SOIL OR CONTROLLED COMPACTED FILL WITH AN ALLOWABLE BEARING CAPACITY OF 2,000 PSF, IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY TIMMONS DATED 12-07-23. REFER TO THIS REPORT FOR UNDER CUT OF SOILS BELOW BUILDING PAD AND FOR REPLACEMENT WITH IMPORTED GRANULAR FILL MATERIALS.

2. THE GEOTECHNICAL ENGINEER FOR THE OWNERS TESTING AGENCY SHALL VERIFY BEARING CAPACITY AND SUITABILITY OF SUBGRADE PRIOR TO PLACING FOUNDATIONS AND GRADE SLABS.

3. SELECT AND PLACE CONTROLLED COMPACTED FILL UNDER DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER FOR THE OWNERS TESTING AGENCY.

4. FOOTING STEPS FOR UNDERSLAB UTILITIES INDICATED ON FOUNDATION PLANS SHALL BE CONSIDERED APPROXIMATE. COORDINATE FOOTINGS WITH ACTUAL LOCATION, SIZE AND INVERT OF ALL UNDERGROUND PIPE (AND CONDUIT). REFER TO "FOOTING STEP" DETAIL TO STEP WALL FOOTING DOWN TO ALLOW UNDERSLAB PIPING TO PASS ABOVE THE FOOTING. ALTERNATELY, REFER TO "FOOTING SLEEVE" AND "PIPE TRENCH BACKFILL AT FOOTING" DETAILS TO ALLOW UNDERSLAB PIPING TO PASS BELOW THE TOP OF THE WALL FOOTING.

5. AVOID INFLUENCE OF PIPE TRENCH PARALLEL TO WALL FOOTING AND / OR ADJACENT TO COLUMN FOOTING. REFER TO "FOOTING EXCAVATION LIMITS".

6. PROTECT FOOTINGS AND GRADE SLABS FROM FROST HEAVE UNTIL BUILDING IS PERMANENTLY ENCLOSED.

7. BRACE WALLS PLUMB WHICH ARE SUBJECTED TO UNBALANCED BACKFILL UNTIL PERMANENTLY STABILIZED BY STRUCTURE.

CONCRETE

1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AND ACI 301 "STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE".

2. CONCRETE SHALL BE NORMAL WEIGHT AND SHALL OBTAIN ULTIMATE 28 DAY COMPRESSIVE STRENGTHS (F'c), AS FOLLOWS:

CONCRETE MATERIAL SCHEDULE (NOTE 11)

BUILDING ELEMENT	DURABILITY REQUIREMENTS CATEGORIES AND CLASSES (NOTE 3) (F)	(S)	(W)	(C)	fc (psi) 28 DAY STRENGTH	MAX W/C (NOTE 4)	AIR ENTRAINMENT (NOTE 5)	UNIT WEIGHT PCF (NOTE 6)	MAX AGGREGATE (NOTE 7 & 9)	CEMENT (ASTM C150)	CL % (NOTE 10)
SPREAD FOOTINGS AND WALL FOOTINGS	F0	S0	W0	C1	3,500	0.55	4.5	145	1 1/2"	II	0.30
INTERIOR SLABS ON GRADE	F0	S0	W0	C0	3,500	0.50	N/A	145	3/4"	I / II	0.30
INTERIOR COLUMNS, WALLS AND PIERS	F1	S0	W0	C1	4,000	0.50	5.0	145	3/4"	I / II	0.30
EXTERIOR SLABS ON GRADE	F1	S0	W1	C1	3,500	0.55	5.0	145	3/4"	I / II	0.30
EXTERIOR COLUMNS, WALLS AND PIERS	F1	S0	W1	C1	4,000	0.50	6.0	145	3/4"	I / II	0.30
INTERIOR SLABS ON METAL DECK	F0	S0	W0	C0	3,500	0.55	NOTE 8	115	3/4"	I / II	1.0
INTERIOR SLABS ON METAL DECK (NORMAL WT. CONC)	F0	S0	W0	C0	3,500	0.55	NOTE 8	145	3/4"	I / II	1.0
ELEVATED SLABS AND BEAMS	F0	S0	W0	C0	4,000	0.50	NOTE 8	145	3/4"	I / II	1.0
GRADE BEAMS	F1	S0	W0	C1	4,000	0.50	N/A	145	3/4"	I / II	0.30

3. THE DURABILITY EXPOSURE CLASS IDENTIFIED BY THE ENGINEER OF RECORD, IN ACCORDANCE WITH ACI 318, FOR EACH MIX DESIGN/BUILDING ELEMENT AND EXPOSURE CLASS, IS BASED ON ASSUMED SEVERITY OF THE ANTICIPATED EXPOSURE. IF THE CONCRETE IS TO BE INSTALLED IN A LOCATION OR CONDITION THAT IS MORE SEVERE THAN THE EXPOSURE IDENTIFIED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR ADJUST THE CONCRETE MIX REQUIREMENTS AS REQUIRED PER ACI 318.

   A. EXPOSURE CATEGORIES:
      - (F) FREEZE/THAW
      - (S) SULFATE
      - (W) WATER/PERMEABILITY
      - (C) CORROSION PROTECTION

4. MAX W/C REFERS TO MAXIMUM WATER TO CEMENTITIOUS MATERIALS RATIO. MIXING WATER SHALL CONFORM TO ASTM C1602.

5. TARGET AIR ENTRAINMENT, ±1.5%. ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED. AIR ENTRAINMENT IS OPTIONAL FOR FOOTINGS AND GRADE BEAMS NOT EXPOSED TO FREEZING.

6. AGGREGATES TO CONFORM TO ASTM C33 FOR NORMAL WEIGHT CONCRETE.

7. CONCRETE BUILDING ELEMENTS IDENTIFIED WITH EXPOSURE CATEGORY F3 REQUIRE LIMITATIONS ON CEMENTITIOUS MATERIALS AS FOLLOWS:

CEMENTITIOUS MATERIAL	MAX % OF TOTAL CEMENTITIOUS MATERIALS BY MASS
FLY ASH (ASTM C618)	25
SLAG CEMENT (ASTM C989)	50
SILICA FUME (ASTM C1240)	10
TOTAL FLY ASH, OTHER POZZOLANS AND SILICA FUME	35
TOTAL FLY ASH, OTHER POZZOLANS, SILICA FUME AND SLAG	50

8. SLABS NOT RECEIVING A HARD TROWEL FINISH MAY BE AIR-ENTRAINED. SLABS RECEIVING A HARD TROWEL FINISH SHALL NOT BE AIR-ENTRAINED AND SHALL HAVE A TOTAL AIR CONTENT OF NOT MORE THAN 3%.

9. COMBINED AGGREGATE GRADING SHALL BE AS FOLLOWS:
   - FOR COARSE AGGREGATE WITH 1 1/2" NOMINAL MAXIMUM AGGREGATE SIZE, 8% TO 18% (BY WEIGHT) OF AGGREGATE SHALL BE RETAINED ON EACH SIEVE BELOW THE MAXIMUM AGGREGATE SIZE SIEVE AND ABOVE THE #100 SIEVE.
   - FOR COARSE AGGREGATE WITH 3/4" OR 1" NOMINAL MAXIMUM AGGREGATE SIZE, 8% TO 22% (BY WEIGHT) OF AGGREGATE SHALL BE RETAINED ON EACH SIEVE BELOW THE MAXIMUM AGGREGATE SIZE SIEVE AND ABOVE THE #100 SIEVE.

10. MAX WATER SOLUBLE CHLORIDE ION CONTENT PERCENTAGE, BY WEIGHT OF CEMENT.

11. CONCRETE MIXTURE PROPORTIONS SHALL BE ESTABLISHED IN ACCORDANCE WITH ARTICLE 4.2.3 OF ACI 301 OR BY AN ALTERNATIVE METHOD ACCEPTABLE TO THE ENGINEER OF RECORD. EACH MIX DESIGN SHALL IDENTIFY THE INTENDED LOCATION OF USE.

12. REINFORCING STEEL SHALL BE AS FOLLOWS:
   - REINFORCING BARS: ASTM A615, GRADE 60, DEFORMED
   - WELDED WIRE FABRIC: ASTM A1064, SHEET TYPE ONLY
   - WELDABLE REINFORCING BARS: ASTM A706 LOW ALLOW STEEL REINFORCING BARS, DEFORMED
   - DEFORMED BAR ANCHORS (DBA) ASTM A1064, DEFORMED
   - WELDING PER AWS D1.4 STRUCTURAL WELDING CODE - REINFORCING STEEL

13. MINIMUM CONCRETE COVER OVER REINFORCING SHALL BE UNO:

A. UNFORMED SURFACE CAST AGAINST EARTH	3 IN
B. FORMED SURFACE EXPOSED TO EARTH/WEATHER	2 IN
C. FORMED SLABS AND WALLS NOT EXPOSED TO EARTH/WEATHER FOR #11 AND SMALLER BAR	3/4 IN
D. ALL OTHER FORMED ELEMENTS NOT EXPOSED TO EARTH/WEATHER	1 1/2 IN

14. REQUIRED COMPRESSIVE STRENGTH OF STRUCTURAL PRECAST CONCRETE SHALL BE DETERMINED BY THE PRECAST CONCRETE MANUFACTURER'S ENGINEER, WITH THE MINIMUM COMPRESSIVE STRENGTH AS NOTED IN THE TABLE.

ACI 318 LAP LENGTHS

SPLICES IN THE REINFORCING STEEL SHALL BE ONLY AT THE LOCATIONS SHOWN ON THE STRUCTURAL DRAWINGS. LAP SPLICES SHALL BE IN ACCORDANCE WITH ACI 318 CHAPTER 25 AS INDICATED BELOW. TOP BAR LAPS (HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR) SHALL BE MODIFIED BY A MULTIPLICATION OF 1.3 TIMES THE LENGTHS LISTED IN THE TABLE BELOW. LENGTHS INDICATED IN INCHES.

NORMAL-WEIGHT (145 PCF)

f'c (psi)	#3	#4	#5	#6	#7	#8	#9
3500	20	26	33	40	58	66	74
4000	18	25	31	37	54	62	69

FLOWABLE FILL

1. CONTROLLED LOW STRENGTH MATERIAL (CLSM); ALSO REFERRED TO AS FLOWABLE FILL, MAY BE SUBMITTED FOR APPROVAL AS A SUBSTITUTE FOR COMPACTED FILL AT FOUNDATION UNDERCUT LOCATIONS. THE CLSM MIXTURE SHALL BE PROPORTIONED TO PRODUCE AN UNCONFINED COMPRESSIVE STRENGTH OF 100 PSI MINIMUM TO 300 PSI MAXIMUM.

COMPOSITE BEAMS

1. COMPOSITE BEAMS AND GIRDERS DO NOT REQUIRE TEMPORARY SHORING FOR CONSTRUCTION LOADS (WET CONCRETE + 20 PSF) UNO ON THE DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR LIMITING THE CONSTRUCTION LOAD IMPOSED ON THE STRUCTURE.

2. STUDS SHALL BE 3/4" DIAMETER AND SHALL EXTEND NOT LESS THAN 1 1/2" ABOVE THE TOP OF THE STEEL DECK AND SHALL NOT HAVE LESS THAN 1/2" CONCRETE COVER ABOVE THE TOP OF STUD AFTER WELDING.

3. THE NUMBER STUDS ON A BEAM OR BETWEEN ANY TWO CONNECTIONS ALONG A BEAM IS SHOWN ON THE DRAWINGS. SPACING OF STUDS WITHIN THE LENGTH SHOWN SHALL BE AS UNIFORM AS POSSIBLE.

4. NO SHOP PAINT SHALL BE APPLIED TO ANY STUDS NOR TO TOP FLANGES OR SURFACES OF MEMBERS RECEIVING FIELD WELDED STUDS.

5. BREAK CERAMIC FERRULES (ARC SHIELDS) LOOSE AND REMOVE FROM DECK.

6. A STUD SHEAR CONNECTOR WELDED THROUGH THE METAL DECK MAY TAKE THE PLACE OF A 3/4" PLUG WELD IN ORDER TO SECURE THE DECK TO THE STEEL FRAMING. DO NOT WELD SHEAR CONNECTORS THROUGH TWO LAYERS (LAPPED ENDS) OF DECK UNITS.

7. PLACE CONCRETE MONOLITHICALLY ON STEEL FLOOR DECK. CONSTRUCTION JOINTS MAY BE PERMITTED ONLY AFTER APPROVAL OF THE ARCHITECT/STRUCTURAL ENGINEER.

8. CONCRETE THICKNESS SHALL BE OF A UNIFORM THICKNESS WHERE INDICATED ON METAL FLOOR DECK.

STEEL JOISTS

1. ALL STEEL JOIST WORK SHALL CONFORM TO THE LATEST EDITION OF THE STEEL JOIST INSTITUTE (SJI) STANDARD SPECIFICATIONS.

2. STEEL JOISTS SHALL BE DESIGNED USING ALLOWABLE STRENGTH DESIGN (ASD), AND SHALL BE MANUFACTURED WITH STEEL HAVING A MINIMUM YIELD STRENGTH OF 50 KSI.

3. PROVIDE JOIST BRIDGING IN ACCORDANCE WITH SJI SPECIFICATIONS, OSHA REQUIREMENTS, AND AS REQUIRED BY JOIST DESIGN.

4. ROOF JOISTS AND BRIDGING SHALL BE DESIGNED FOR A NET UPLIFT OF 20 PSF.

5. SPECIAL JOISTS, INDICATED "SP" ON FRAMING PLANS, SHALL BE DESIGNED FOR CRITERIA INDICATED.

6. DETAILING AND ERECTION OF OPEN WEB STEEL JOISTS SHALL COMPLY WITH OSHA REQUIREMENTS.

7. STEEL ROOF JOISTS SHALL BE PROVIDED WITH NO CAMBER.

8. DESIGN ALL JOISTS (K, KCS, LH) FOR A 500 LB CONCENTRATED LOAD (SERVICE LOAD) AT ANY ONE PANEL POINT ALONG THE JOIST, UNLESS NOTED OTHERWISE. THIS IS REFERRED TO AS AN "ADD-LOAD."

9. K-SERIES JOISTS SHALL BE DESIGNED FOR ADDITIONAL BENDING STRESSES RESULTING FROM A 200 POUND CONCENTRATED DEAD LOAD LOCATED AT ANY LOCATION ALONG TOP AND BOTTOM CHORD IN ADDITION TO ALL OTHER LOADS. THIS IS REFERRED TO AS A "BEND CHECK."

10. KCS AND LH SERIES JOISTS SHALL BE DESIGNED FOR ADDITIONAL BENDING STRESSES RESULTING FROM A 500 POUND CONCENTRATED DEAD LOAD LOCATED AT ANY LOCATION ALONG TOP AND BOTTOM CHORD IN ADDITION TO ALL OTHER LOADS. THIS IS REFERRED TO AS A "BEND-CHECK".

11. REFER TO "TYPICAL CONCENTRATED LOAD ON STEEL JOIST" DETAIL FOR REQUIREMENTS REGARDING PIPE HANGERS AND OTHER EQUIPMENT LOADS.

STEEL DECK

1. ALL STEEL DECK WORK SHALL CONFORM TO THE LATEST EDITION OF THE STEEL DECK INSTITUTE (SDI) "DESIGN MANUAL FOR COMPOSITE DECKS, FORM DECKS AND ROOF DECKS", AND AMERICAN IRON AND STEEL INSTITUTE (AISI) "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".

2. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.3, "STRUCTURAL WELDING CODE - SHEET STEEL".

3. PERMANENT LOADS SHALL NOT BE SUSPENDED FROM STEEL ROOF DECK UNLESS APPROVED BY ENGINEER OF RECORD.

4. STEEL DECK UP TO 2" DEEP SHALL BE INSTALLED WITH A MINIMUM OF 3 CONTINUOUS SPANS, UNLESS NOTED. STEEL DECK SHALL BE INSTALLED WITH A MINIMUM OF 2 CONTINUOUS SPANS, UNLESS NOTED OTHERWISE. ANY LOCATIONS NOT MEETING THESE CONDITIONS SHALL BE SPECIFICALLY IDENTIFIED ON THE STEEL DECK SHOP DRAWINGS.

5. REFER TO "STEEL DECK SCHEDULE" FOR DECK TYPES AND FASTENING REQUIREMENTS.

STRUCTURAL STEEL

1. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE FOLLOWING AISC DOCUMENTS:
   AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"
   AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"
   RCSC'S "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS"

2. STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:

WIDE FLANGE SHAPES AND ANGLES	ASTM A992 (FY=50 KSI)
MISCELLANEOUS SHAPES, PLATES & BARS (TO 8" THICK)	ASTM A36 (FY=36 KSI)
HOLLOW STRUCTURAL SECTIONS (HSS)	
SQUARE & RECTANGLE	ASTM A500, GRADE C (FY=50 KSI)
ROUND	ASTM A500 GRADE C (FY=46 KSI)
HIGH STRENGTH BOLTS (CONVENTIONAL)	ASTM F3125 GRADE A325 OR A490 (TYPE 1)
WASHERS	ASTM F436 (FLAT AND BEVELED)
HEAVY HEX NUTS	ASTM A563
TWIST OFF TENSION CONTROL BOLTS	ASTM F3125 GRADE F1852 OR F2280 (TYPE 1)
COMPRESSIBLE-WASHER DIRECT-TENSION INDICATORS	ASTM F959 (TYPE 325 OR 490)
ANCHOR RODS	ASTM F1554, GRADE 55 INCLUDE SUPPLEMENT S1
WELDING ELECTRODES	E70 (LOW HYDROGEN)
HEADED SHEAR STUDS	AWS D1.1 CLAUSE 9, TYPE B (FY=51 KSI)
THREADED ROD	ASTM A36

3. UNLESS NOTED OTHERWISE, CONNECTIONS SHALL BE DESIGNED IN ACCORDANCE WITH AISC MANUAL OF STEEL CONSTRUCTION, AS SIMPLE CONNECTIONS USING ALLOWABLE STRENGTH DESIGN (ASD). CONNECTIONS FOR NON-COMPOSITE BEAMS SHALL BE DESIGNED FOR THE UNIFORM LOAD CAPACITY INDICATED IN THE ALLOWABLE UNIFORM LOAD TABLES, PART 3, OF THE AISC MANUAL. CONNECTIONS FOR COMPOSITE STEEL BEAMS SHALL BE DESIGNED FOR THE REACTIONS INDICATED ON THE PLANS.

4. UNLESS NOTED OTHERWISE, THE TOP OF ALL STEEL COLUMNS SHALL HAVE A STEEL CAP PLATE WITH A MINIMUM THICKNESS OF 1/2". CAP PLATE DIMENSIONS SHALL MATCH COLUMN WIDTH AND DEPTH MINIMUM. WHERE JOISTS BEAR ON COLUMN, COORDINATE BEARING REQUIREMENTS WITH JOIST MANUFACTURER.

5. BOLTED JOINTS SHALL BE "SNUG TIGHTENED", UNLESS OTHERWISE INDICATED.

6. WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 "STRUCTURAL WELDING CODE - STEEL".

7. WHERE STRUCTURAL STEEL IS EXPOSED BELOW GRADE, PROVIDE MINIMUM 3" CONCRETE COVER OR COAT WITH BITUMINOUS MASTIC.

8. STRUCTURAL STEEL EXPOSED TO WEATHER IN THE FINISHED WORK SHALL BE HOT DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123, UNLESS NOTED OTHERWISE.

CONCRETE MASONRY (CMU)

1. ALL MASONRY WORK SHALL CONFORM TO THE REQUIREMENTS OF TMS 402 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES WITH COMMENTARY" AND TMS 602 "SPECIFICATIONS FOR MASONRY STRUCTURES WITH COMMENTARY".

2. NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY(F'm), SHALL BE 2000 PSI, DETERMINED IN ACCORDANCE WITH THE UNIT STRENGTH METHOD PER TMS 602, UNLESS NOTED OTHERWISE.

3. CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C90, AND SHALL BE MADE WITH LIGHTWEIGHT AGGREGATE.

4. MORTAR FOR CMU SHALL CONFORM TO ASTM C270, TYPE S, AND PROVIDE TYPE M MORTOR AT SECURITY WALLS.

5. GROUT SHALL CONFORM TO ASTM C476 AND SHALL BE PROPORTIONED TO OBTAIN MINIMUM ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI.

6. PLACE GROUT IN ACCORDANCE WITH TMS 402. ALLOW A MINIMUM OF 24 HOURS FOR MASONRY TO SET PRIOR TO PLACING GROUT. HIGH LIFT GROUTING IS PROHIBITED.

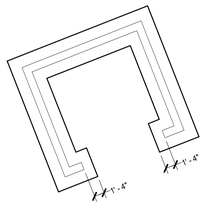
7. FILL COLLAR JOINTS OF COMPOSITE WALLS SOLID WITH MORTAR AS THE WALLS PROGRESS. BOND WYTHES OF COMPOSITE WALLS TOGETHER USING HORIZONTAL JOINT REINFORCING @ 16" ON CENTER, UNLESS NOTED OTHERWISE.

8. PROVIDE VERTICAL REINFORCING STEEL OF SIZE AND SPACING INDICATED. LAP SPLICE LENGTHS SHALL BE AS FOLLOWS:

#4 BAR AND SMALLER	26 INCHES
#5 BAR	34 INCHES
#6 BAR	38 INCHES

9. PROVIDE POSITIONERS TO HOLD VERTICAL WALL REINFORCING STEEL IN PROPER ALIGNMENT.

10. REINFORCING STEEL SHALL COMPLY WITH ASTM A615, GRADE

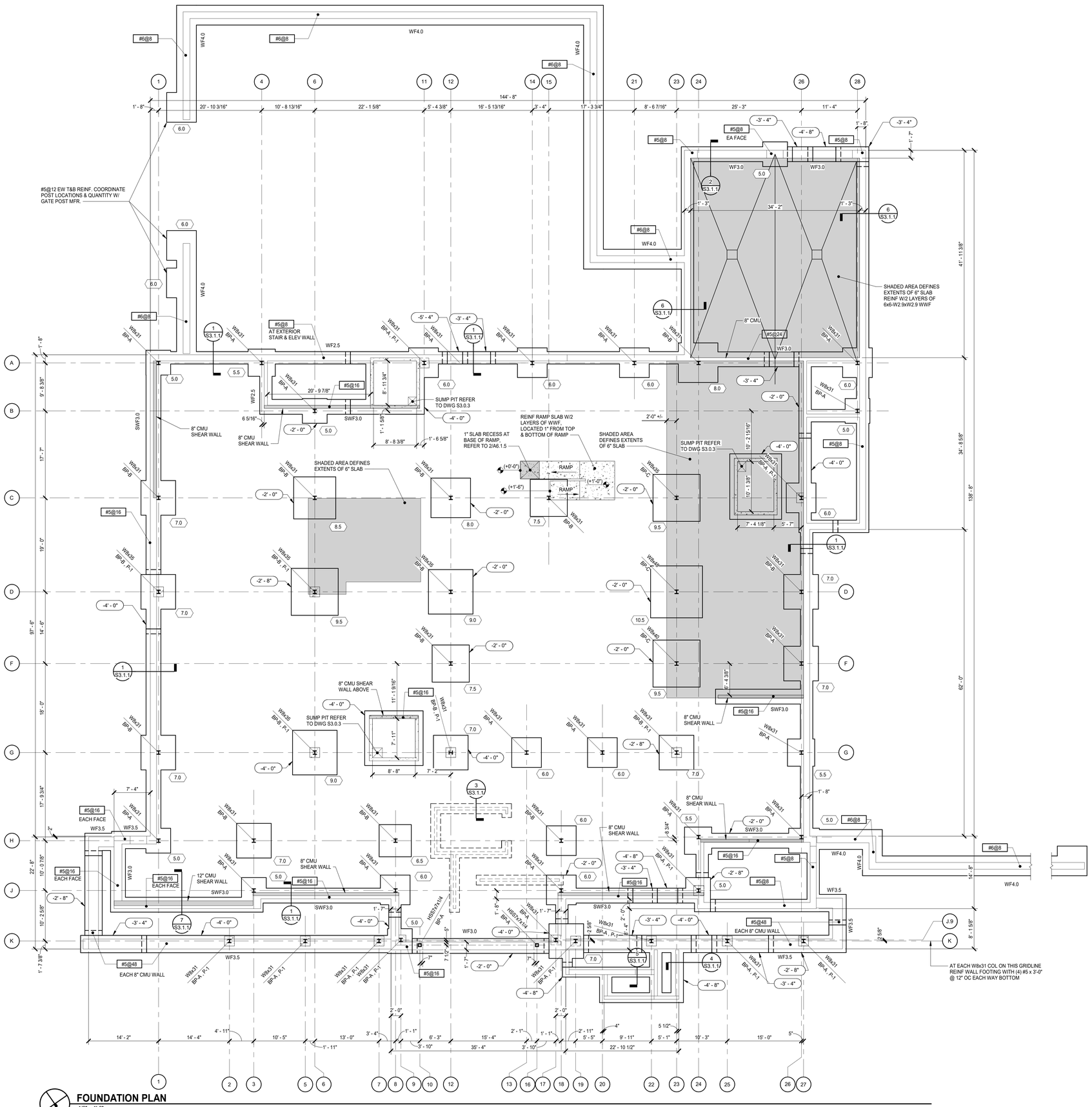


FOUNDATION PLAN - DUMPSTER ENCLOSURE

1/8" = 1'-0"

FOUNDATION PLAN NOTES - DUMPSTER ENCLOSURE:

1. REINFORCE 8" CMU WALLS WITH #5@8" OC.
2. PROVIDE WF4.0 WALL FOOTING.
3. PROVIDE BP-A AT GATE POSTS W/ (4) 5/8" DIAMETER x 8" SCREW ANCHORS.



FOUNDATION PLAN

1/8" = 1'-0"

FOUNDATION PLAN NOTES:

1. FINISHED FIRST FLOOR ELEVATION = 1553.75' = REFERENCE DATUM EL (+0'-0"). ALL STRUCTURAL ELEVATIONS INDICATED ARE REFERENCED FROM THIS ELEVATION, UNO.
2. LOWER LEVEL FLOOR CONSTRUCTION SHALL BE 4" NORMAL WEIGHT CONCRETE SLAB ON GRADE REINFORCED WITH 6x6-W2.9xW2.9 WWF (AT 1" FROM TOP OF SLAB) OVER VAPOR BARRIER OVER 6" GRANULAR BASE COURSE, UNO. FLOOR CONSTRUCTION INDICATED AS 6" SLAB ON GRADE SHALL BE NORMAL WEIGHT CONCRETE REINFORCED WITH 6x6-W2.9xW2.9 WWF (LOCATED AT 2" FROM TOP OF SLAB) OVER VAPOR BARRIER OVER 6" GRANULAR BASE COURSE.
3. REINFORCE EXTERIOR CMU WALLS, STAIR WALLS AND ELEVATOR WALLS WITH #5@24" OC, UNO.
4. BASE COURSE SHALL BE A CLEAN, DENSELY-GRADED "CRUSHER RUN" MATERIAL WITH A BALANCED FINE CONTENT, SUCH AS ***VDOT 21A OR 21B STONE.*** THE BASE COURSE SHALL BE COMPACTED AND SHALL BE FINISHED TO A FLAT, SMOOTH, LOW-FRICTION SURFACE. COMPACTION SHALL BE MONITORED BY THE ON-SITE TESTING AGENCY.
5. TOP OF ALL INTERIOR FOOTINGS SHALL BE (-0'-8"), UNO. TOP OF ALL EXTERIOR FOOTINGS SHALL BE (-2'-0"), UNO.
6. ALL INTERIOR WALL FOOTINGS SHALL BE WF2.0, UNO. ALL EXTERIOR WALL FOOTINGS SHALL BE WF2.5, UNO.
7. COORDINATE FOOTING STEPS WITH ALL UNDERSLAB UTILITIES. REFER TO FOUNDATION NOTE #4 ON DRAWING S0.0.1.
8. REFER TO DRAWING S0.0.1 FOR GENERAL NOTES, PLAN LEGEND, AND STRUCTURAL ABBREVIATIONS.
9. REFER TO DRAWINGS S3.0.1 AND S3.0.2 FOR TYPICAL FOUNDATION DETAILS AND SCHEDULES.
10. AT OPENINGS IN SITE WALLS, PROVIDE LINTEL L1 AND L FOR BRICK SHELF PER NOTE #2 IN LINTEL SCHEDULE.
11. IF STEEL SUPPORT IS REQUIRED BY THE STAIR MANUFACTURER, POST SHALL BE HSS4x4x1/4 WITH FOOTING AS INDICATED PER THE THICKENED SLAB DETAILS ON DRAWING S3.0.2.
12. WALLS INDICATED AS [ ] ARE SHEAR WALLS. SHEAR WALLS SHALL BE GROUTED SOLID (UNO) WITH CONTROL JOINTS AS INDICATED AND NO CLOSER THAN 30'-0" OC. NO REINFORCING IN THESE WALLS IS ALLOWED TO BE CUT. LOCATE ALL PIPING AND CONDUIT OUTSIDE OF REINFORCED CELLS. TWO VERTICAL REINFORCING BARS, SPACED 8" APART, SHALL BE LOCATED AT EACH END OF THE SHEAR WALL. ALL VERTICAL REINFORCEMENT IS FULL WALL HEIGHT, UNO. BELOW GRADE SHEAR WALL PENETRATIONS SHALL BE LOCATED IN THE MIDDLE THIRD OF THE SHEAR WALL LENGTH.

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03-01-2024
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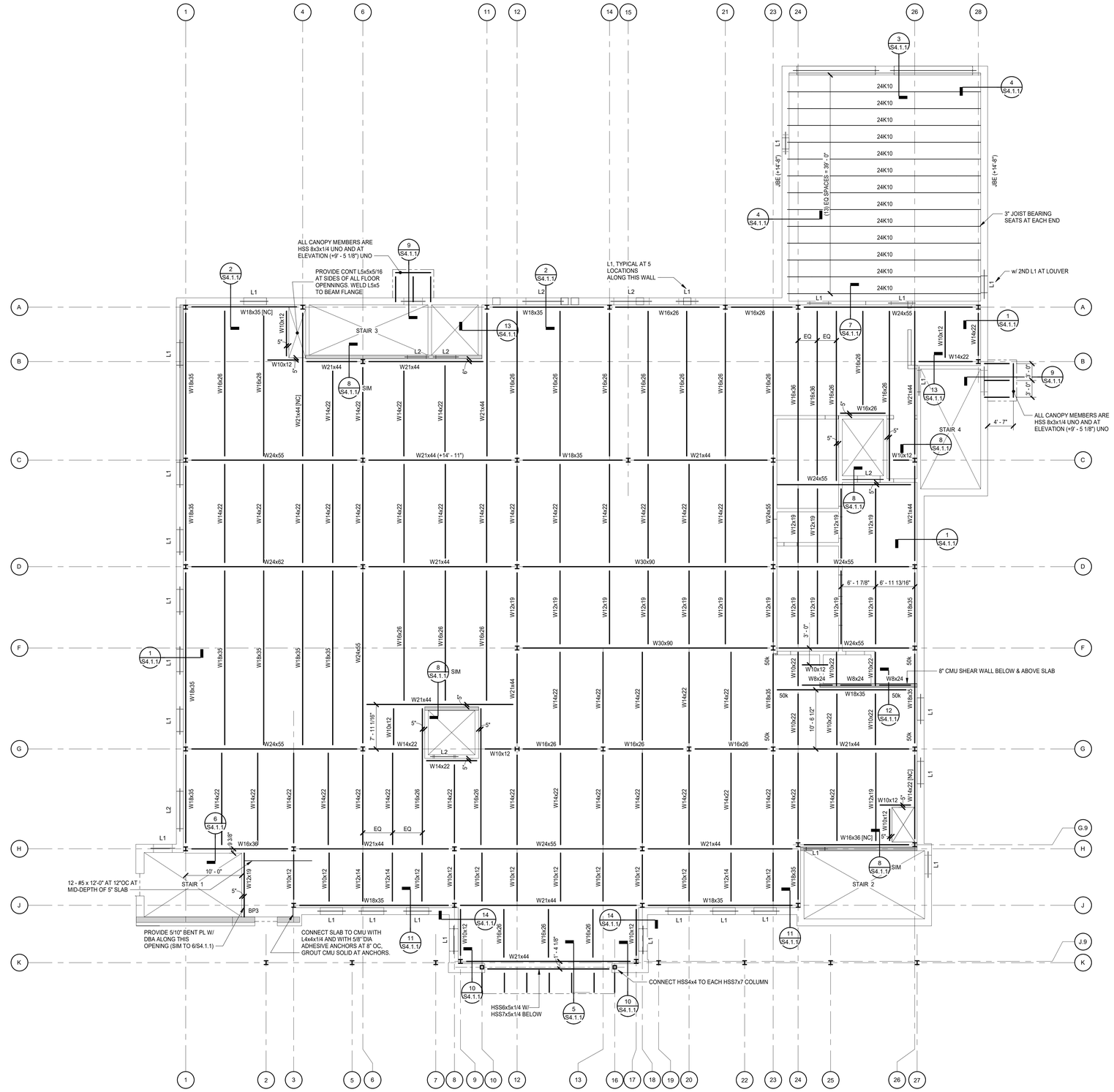
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CITY OF STAUNTON, VA 24401

PROJECT NO:	630874
DATE:	MARCH 1, 2024
REVISIONS	
DATE	DESCRIPTION

FOUNDATION PLAN

S1.1.1

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SECOND FLOOR FRAMING PLAN

1/8" = 1'-0"

FLOOR FRAMING PLAN NOTES:

1. TOP OF SECOND FLOOR SLAB (+15'-4") RELATIVE TO FINISHED FIRST FLOOR.
2. TOP OF STEEL BEAMS SHALL BE (-0'-5") RELATIVE TO FINISHED SECOND FLOOR, UNO.
3. TOP OF STEEL BEAMS INDICATED THUS (+X-X") ON PLAN SHALL BE REFERENCED FROM FINISHED FIRST FLOOR ELEVATION.
4. FLOOR CONSTRUCTION SHALL BE 3" NORMAL WEIGHT CONCRETE SLAB ON 2" COMPOSITE FLOOR DECK TYPE 2 (5" TOTAL SLAB THICKNESS). REINFORCE SLAB WITH 6x6-W2.9xW2.9 WWF AT MID-DEPTH. REFER TO DRAWING S4.0.1 FOR STEEL DECK SCHEDULE.
5. PLACE CONCRETE MONOLITHICALLY ON STEEL FLOOR DECK. CONSTRUCTION JOINTS MAY BE PERMITTED ONLY AFTER APPROVAL OF THE ARCHITECT / STRUCTURAL ENGINEER.
6. CONCRETE THICKNESS INDICATED ON FLOOR DECK SHALL BE OF A UNIFORM THICKNESS.
7. ALL FLOOR BEAMS SHALL RECEIVE 3/4" DIAMETER x 4" LONG HEADED SHEAR STUDS AT 12" OC, UNO.
   ALL BEAMS NOTED [NC] SHALL BE NON-COMPOSITE (SHEAR STUDS NOT REQUIRED).
   AT ALL FLOOR BEAMS AT OR LIGHTER THAN A W14x22, DESIGN END OF BEAM CONNECTION FOR A 20K REACTION, UNO.
   AT ALL W16 FLOOR BEAMS, DESIGN END OF BEAM CONNECTIONS FOR A 30K REACTION, UNO.
   AT ALL W18 FLOOR BEAMS, DESIGN END OF BEAM CONNECTIONS FOR A 40K REACTION, UNO.
   AT ALL W21 FLOOR BEAMS, DESIGN END OF BEAM CONNECTIONS FOR A 50K REACTION, UNO.
   AT ALL W24 FLOOR BEAMS, DESIGN END OF BEAM CONNECTIONS FOR A 70K REACTION, UNO.
   AT ALL W30 FLOOR BEAMS, DESIGN END OF BEAM CONNECTIONS FOR A 70K REACTION, UNO.
8. COMPOSITE BEAMS ARE DESIGNED UNSHORED.
9. ALL BEAMS ARE EQUALLY SPACED BETWEEN COLUMN GRIDLINES, UNO.
10. REFER TO DRAWING S0.0.1 FOR GENERAL NOTES, PLAN LEGEND, AND STRUCTURAL ABBREVIATIONS.
11. REFER TO DRAWINGS S4.0.1 AND S4.0.2 FOR TYPICAL FRAMING DETAILS AND SCHEDULES.
12. COMPOSITE SLABS (3" CONCRETE ON 2" DECK (5" TOTAL)) HAVE BEEN DESIGNED TO ACCOMMODATE A LIFT SIMILAR TO SKYJACK SJIII 3215/19. LIFTS SHALL NOT EXCEED THIS TOTAL WEIGHT, WEIGHT PER SQUARE FOOT OF LIFT FOOTPRINT AREA OR INDIVIDUAL WHEEL LOAD. NO TWO LIFTS SHALL BE WITHIN 20 FEET OF EACH OTHER IN ANY DIRECTION AT ANY TIME. LIFTS SHALL NOT BE LOCATED ADJACENT TO STOCKPILES OF MATERIAL. FLOOR SLABS SHALL HAVE REACHED THEIR 28 DAY DESIGN STRENGTH PRIOR TO PLACING ANY LIFT ON THE SLAB.

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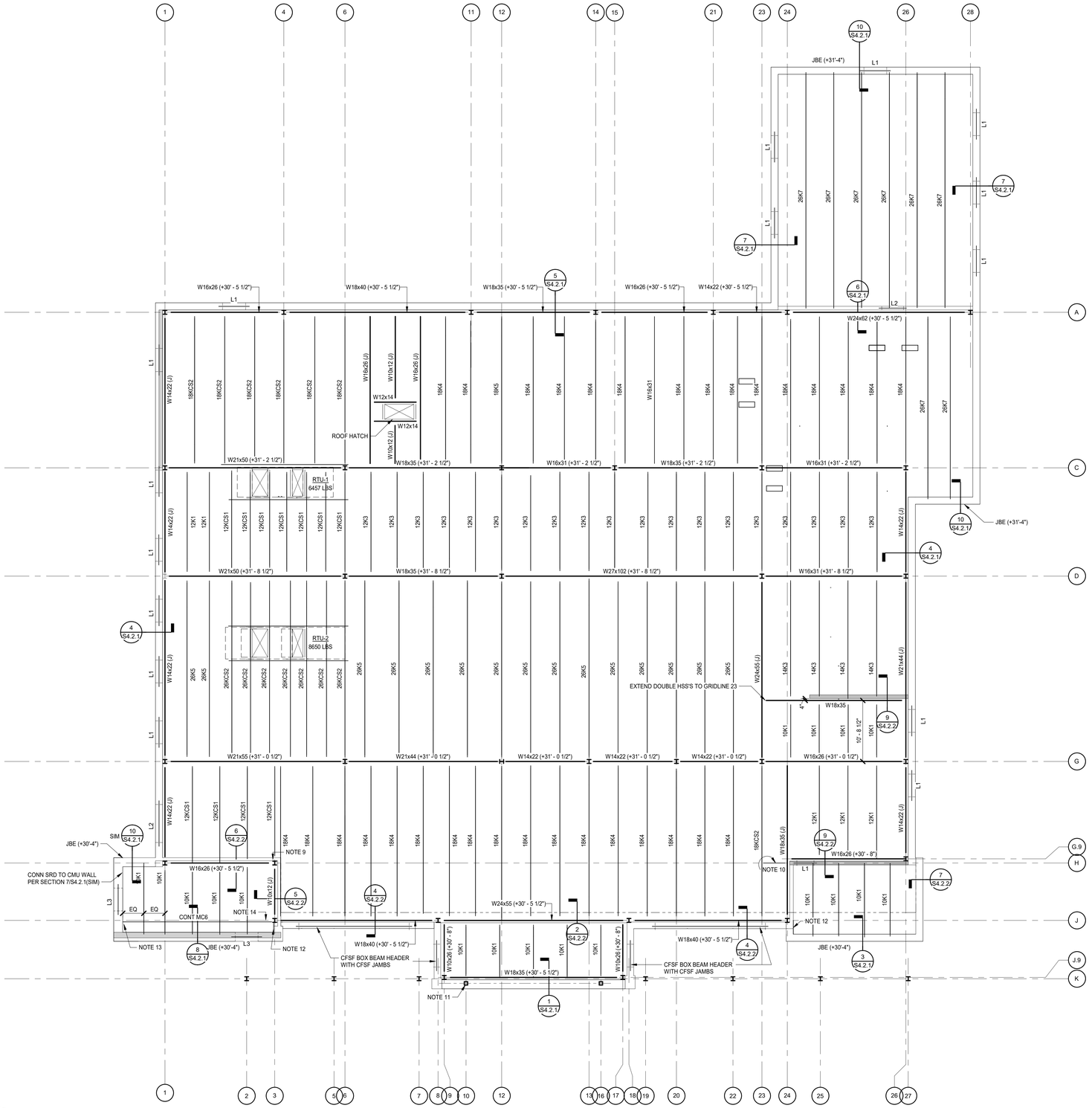
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SECOND FLOOR FRAMING PLAN

S2.1.1

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ROOF FRAMING PLAN

1/8" = 1'-0"

ROOF FRAMING PLAN NOTES:

1. TOP OF STEEL BEAMS INDICATED THUS (+X'-X") ON PLAN SHALL BE REFERENCED FROM FINISHED FIRST FLOOR ELEVATION.
2. STEEL ROOF DECK SHALL BE 1 1/2" WIDE RIB ROOF DECK (DECK TYPE 1), UNO. REFER TO STEEL DECK SCHEDULE ON DRAWING S4.0.1 FOR DECK TYPES INDICATED ON PLAN. REFER TO FRAMING PLAN AND ARCHITECTURAL AND STRUCTURAL SECTIONS FOR EXTENT OF DECK TYPES.
3. ALL BEAMS AND JOISTS ARE EQUALLY SPACED BETWEEN COLUMN GRIDLINES, UNO.
4. REFER TO DRAWING S0.0.1 FOR GENERAL NOTES, PLAN LEGEND, AND STRUCTURAL ABBREVIATIONS.
5. REFER TO DRAWINGS S4.0.1 AND S4.0.2 FOR TYPICAL FRAMING DETAILS AND SCHEDULES.
6. WHERE JOISTS BEAR ON TOP OF COLUMN, PROVIDE 1/2" CAP PLATE. COORDINATE SIZE TO ALLOW FOR JOIST BOLTS WHERE REQUIRED.
7. ELEVATOR HOIST BEAMS SHALL BE W6x25 (+28'-4") AND BEAR ON CMU ELEVATOR WALLS WITH BP1. COORDINATE HOIST BEAM LOCATION WITH APPROVED ELEVATOR SHOP DRAWINGS.
8. PROVIDE LINTEL AT L1 STAIR AND ELEVATOR DOOR OPENINGS, UNO.
9. BEAR JOIST ON STIFFENED L5x5x3/8 x 1'-0" SEAT WELDED TO COLUMN WITH 3/16" FILLET WELD ALL AROUND. COPE BEAM FLANGE IF NEEDED.
10. DOUBLE HSS2 1/2x2 1/2x1/4 WITH L4x4x1/4 x 0'-4" SEAT AT EACH END. WELD SEAT TO TOP CHORD OF JOIST AND BEAM FLANGE.
11. CONNECT EACH HSS7x7 COLUMN TO W18 TOP FLANGE WITH DOUBLE L CONNECTION TO ALLOW FOR 1" VERTICAL BEAM DEFLECTION.
12. L4x4x1/4 FOR STEEL ROOF DECK SUPPORT CONN L TO CMU PER 7/S4.2.2.
13. EXTEND MC6 TO CMU AND CONNECT TO CMU WITH L3x3x1/4x1'-4" SEAT AND (2) 5/8" DIAMETER SCREW ANCHORS SPACED 12" APART.
14. WELD MC6 WEB TO COLUMN WEB WITH L4x4x3/8 x 0'-5 1/2".
15. PROVIDE L FRAMING AT ROOF DRAINS. FOR DRAIN LOCATIONS, REFER TO DRAWING A10.1.

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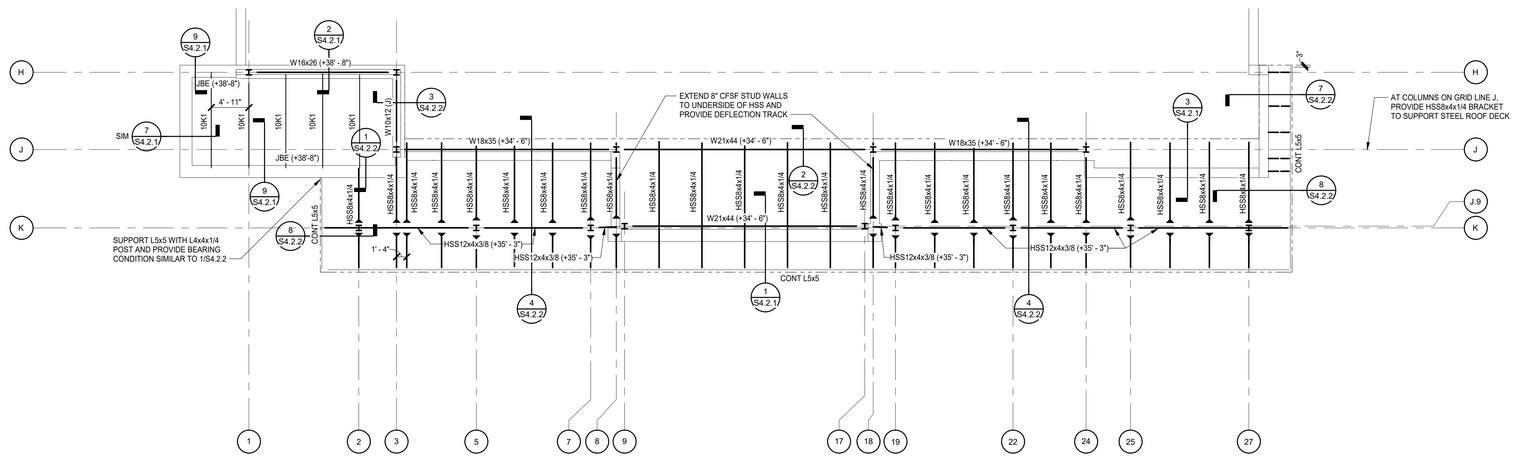
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ROOF FRAMING PLAN

S2.2.1

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UPPER ROOF AND CANOPY FRAMING PLAN

1/8" = 1'-0"

UPPER ROOF FRAMING PLAN NOTES

1. SLOPING CANOPY ROOF PLANE SHALL BE SUPPORTED BY A SYSTEM OF CFSF RAFTERS @ 16" OC AND CFSF VALLEY BEAMS. REFER TO ARCH ROOF PLAN FOR ROOF SLOPES.

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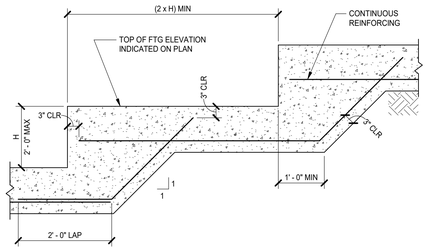
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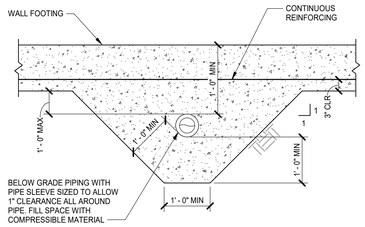
UPPER ROOF AND CANOPY FRAMING PLAN

S2.2.2

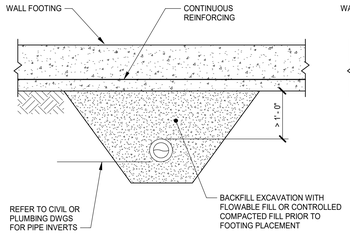
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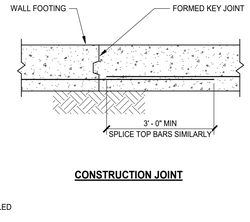
FOOTING STEP



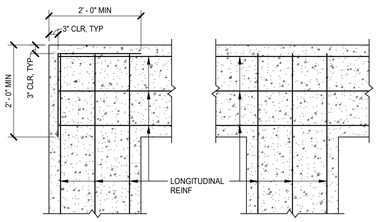
FOOTING SLEEVE



PIPE TRENCH BACKFILL AT FOOTING
(PIPE PLACED PRIOR TO FOOTING)



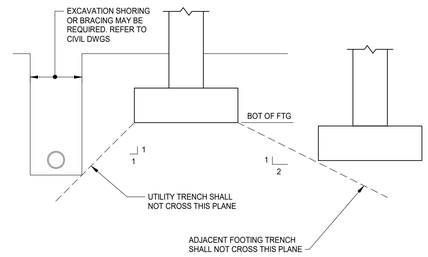
CONSTRUCTION JOINT



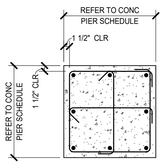
PLAN AT CORNER

PLAN AT INTERSECTION

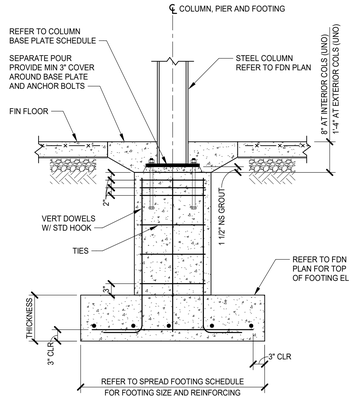
WALL FOOTING DETAILS
NO SCALE

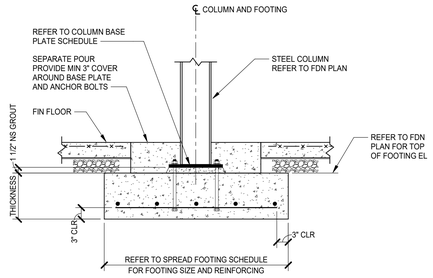


FOOTING EXCAVATION LIMITS
NO SCALE



(8) BARS



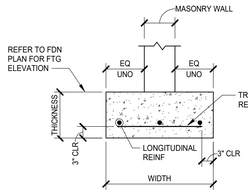


CONCRETE PIER SCHEDULE

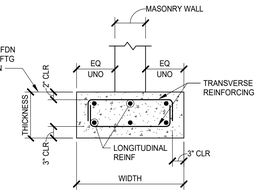
	SIZE		REINFORCING	
P-1	2'-0"	2'-0"	8 - #6 DOWELS	#4 @ 10"OC
No Pier	2' - 0"	2' - 0"	(8) #6 DOWELS	#4 @ 12" OC

WALL FOOTING SCHEDULE

MARK	WIDTH	THICKNESS	REINFORCING (BOT, UNO)	
			LONGITUDINAL	TRANSVERSE
SWF3.0	3' - 0"	1' - 0"	#5@12 TOP & BOTTOM	#5@12 TOP & BOTTOM
WF2.0	2' - 0"	1' - 0"	(3) #5 CONT	#5 @ 48" OC
WF2.5	2' - 6"	1' - 0"	(3) #5 CONT	#5 @ 48" OC
WF3.0	3' - 0"	1' - 0"	(3) #5 CONT	#5 @ 48" OC
WF3.5	3' - 6"	1' - 0"	(4) #5 CONT	#5 @ 24" OC
WF4.0	4' - 0"	1' - 0"	#5 @12 TOP & BOTTOM	#5@12 TOP & BOTTOM

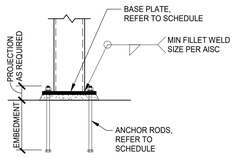


WITH BOT REINFORCING

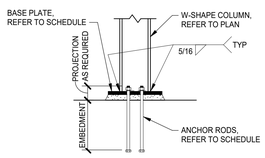


WITH TOP & BOT REINFORCING

STEEL COLUMN FOOTING DETAILS
NO SCALE



STANDARD BASE (HSS)



STANDARD BASE (W-SHAPE)

COLUMN BASE PLATE SCHEDULE

MARK	BASE PLATE SIZE			HEADED ANCHOR RODS			BASE PLATE TYPE
	L	W	T	SIZE	EMBED	GAGE	
BP-A	1' - 4"	1' - 4"	0' - 0 3/4"	(4) 3/4" DIAM	9"	12"	
BP-B	1' - 4"	1' - 4"	0' - 1"	(4) 3/4" DIAM	9"	12"	
BP-C	1' - 4"	1' - 4"	0' - 1 1/4"	(4) 3/4" DIAM	9"	12"	

COLUMN BASE PLATE DETAILS
NO SCALE

WALL FOOTING DETAILS
NO SCALE

SPREAD FOOTING SCHEDULE

MARK	SIZE			REINFORCING
	LENGTH	WIDTH	THICKNESS	
5.0	5' - 0"	5' - 0"	1' - 0"	(5) #5 EA WAY BOT
5.5	5' - 6"	5' - 6"	1' - 1"	(6) #5 EA WAY BOT
6.0	6' - 0"	6' - 0"	1' - 2"	(7) #5 EA WAY BOT
6.5	6' - 6"	6' - 6"	1' - 4"	(6) #6 EA WAY BOT
7.0	7' - 0"	7' - 0"	1' - 5"	(6) #6 EA WAY BOT
7.5	7' - 6"	7' - 6"	1' - 6"	(7) #6 EA WAY BOT
8.0	8' - 0"	8' - 0"	1' - 7"	(9) #6 EA WAY BOT
8.5	8' - 6"	8' - 6"	1' - 8"	(10) #6 EA WAY BOT
9.0	9' - 0"	9' - 0"	1' - 10"	(10) #6 EA WAY BOT
9.5	9' - 6"	9' - 6"	1' - 11"	(11) #6 EA WAY BOT
10.5	10' - 6"	10' - 6"	2' - 1"	(10) #7 EA WAY BOT

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PAUL J. GAGNON
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03-01-2024
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

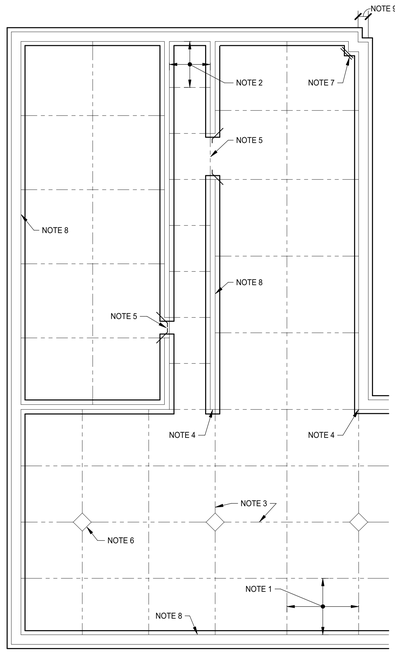
REVISIONS

DATE	DESCRIPTION

TYPICAL FOUNDATION DETAILS

S3.0.1

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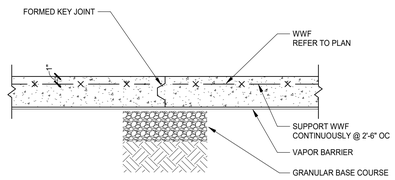


SLAB-ON-GRADE JOINT LAYOUT GUIDELINES

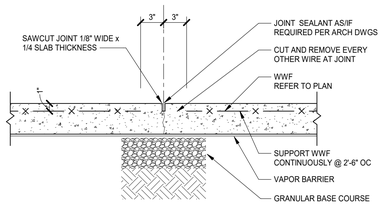
NO SCALE

NOTES:

1. PROVIDE CONTROL JOINTS IN SLABS ON GRADE WITHIN THE BUILDING SUCH THAT THE AREA BOUNDED BY CONTROL JOINTS DOES NOT EXCEED 225 SQUARE FEET AND JOINT SPACING DOES NOT EXCEED 15'-0" ON CENTER IN ANY ONE DIRECTION.
2. THE RATIO OF LENGTH TO WIDTH OF THE AREA BOUNDED BY CONTROL JOINTS SHALL NOT EXCEED 1.5 TO 1.
3. LOCATE CONSTRUCTION JOINTS AND OR CONTROL JOINTS AT COLUMN CENTERLINES.
4. LOCATE CONSTRUCTION JOINTS AND OR CONTROL JOINTS AT RE-ENTRANT CORNERS.
5. LOCATE CONSTRUCTION JOINTS PER "PLAN DETAIL AT INTERIOR DOORS".
6. PROVIDE DIAMOND OR CIRCULAR BLOCKOUTS AT COLUMNS.
7. REINFORCE ALL RE-ENTRANT CORNERS OF SLAB PER "SLAB REINFORCING AT RE-ENTRANT CORNERS".
8. PROVIDE BOND BREAK WHERE FLOOR ABUTS CMU OR CONCRETE WALL UNLESS NOTED OTHERWISE.
9. CONTROL JOINT NOT REQUIRED IF DIMENSION AT RE-ENTRANT CORNER IS 2'-0" OR LESS. PROVIDE REINFORCING PER "SLAB REINFORCING AT RE-ENTRANT CORNER".
10. CONTROL JOINT / CONSTRUCTION JOINT PLANS SHALL BE SUBMITTED IF NOT SHOWN ON FOUNDATION PLANS.



CONSTRUCTION JOINT



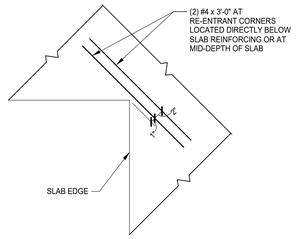
CONTROL JOINT

NOTES:

1. SAWCUT AS SOON AS CONCRETE WILL SUPPORT EQUIPMENT AND EARLY ENOUGH TO PREVENT CRACKING. DO NOT DISLODGE AGGREGATE.
2. CONSTRUCTION JOINT MAY REPLACE CONTROL JOINT.

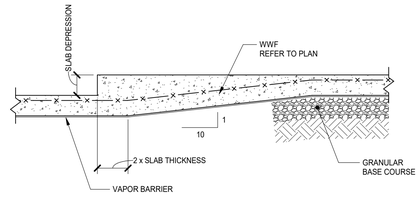
SLAB-ON-GRADE JOINT DETAILS

NO SCALE



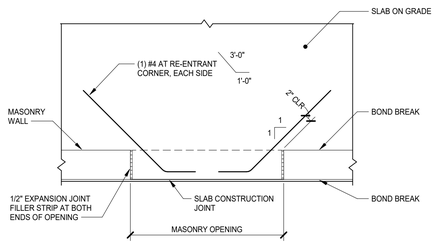
SLAB REINFORCING AT RE-ENTRANT CORNER

NO SCALE

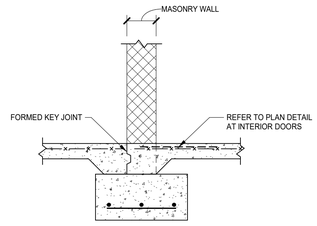


DETAIL AT SLAB DEPRESSION

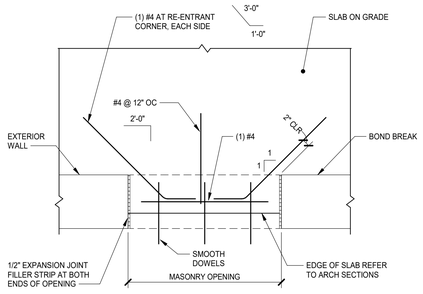
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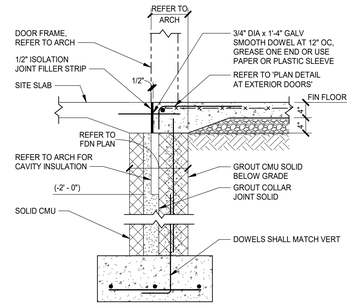
PLAN AT INTERIOR DOORS



SECTION AT INTERIOR DOORS



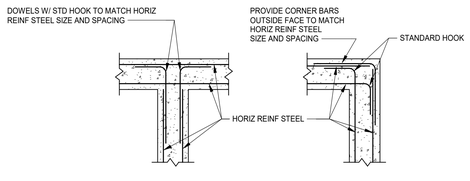
PLAN AT EXTERIOR DOORS



SECTION AT EXTERIOR DOORS

SLAB ON GRADE DETAILS AT DOORS

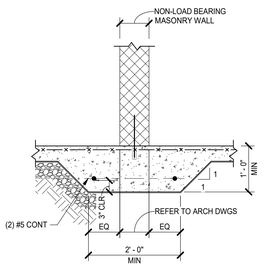
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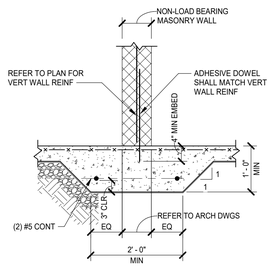
INTERSECTION **CORNER**

CONCRETE WALL DETAILS

3/4" = 1'-0"



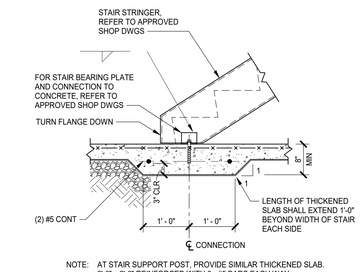
UNREINFORCED WALLS



NON-LOAD BEARING REINFORCED WALLS

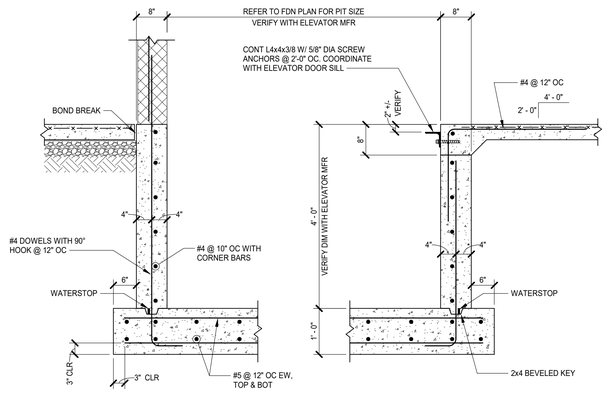
THICKENED SLAB ON GRADE DETAILS

NO SCALE

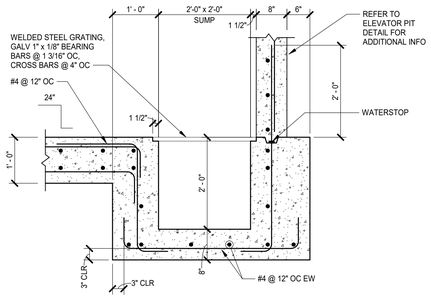


NOTE: AT STAIR SUPPORT POST, PROVIDE SIMILAR THICKENED SLAB. 2'-6" x 2'-6" REINFORCED WITH 3 - #5 BARS EACH WAY.

STAIR

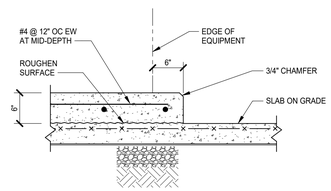


ELEVATOR PIT DETAIL



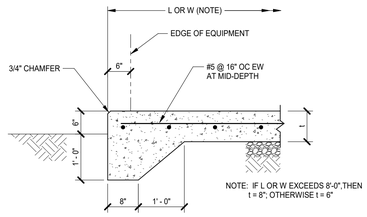
ELEVATOR SUMP DETAIL

3/4" = 1'-0"



NOTE: REFER TO MECH, ELEC, PLUMBING AND CIVIL DRAWINGS FOR EQUIPMENT REQUIRING HOUSEKEEPING PAD

HOUSEKEEPING PAD



NOTE: IF L OR W EXCEEDS 8'-0",THEN t = 8"; OTHERWISE t = 6"

NOTE: REFER TO MECH, ELEC, PLUMBING AND CIVIL DRAWINGS FOR EQUIPMENT REQUIRING EXTERIOR PAD

EXTERIOR EQUIPMENT PAD

EQUIPMENT PAD DETAILS

NO SCALE

MOSELEYARCHITECTS
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2040 WEST BEVERLY STREET
CITY OF STAUNTON, VA 24401

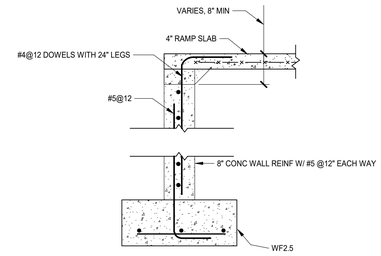
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

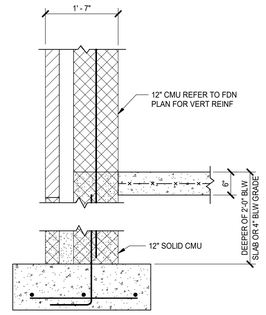
TYPICAL SLAB DETAILS

S3.0.2

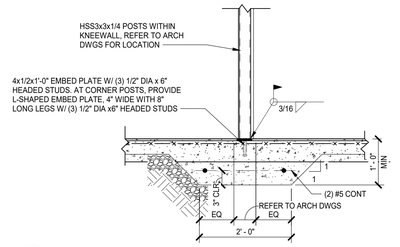
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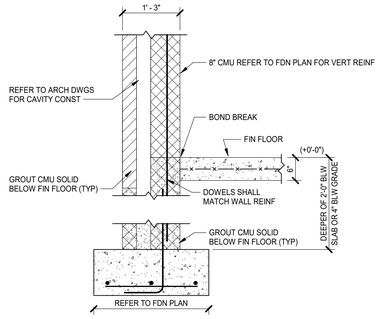
4 S1.1.1 S3.1.1 **SECTION** 3/4" = 1'-0"



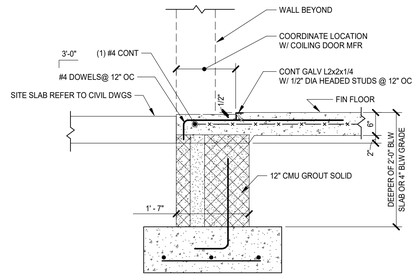
7 S1.1.1 S3.1.1 **SECTION** 3/4" = 1'-0"



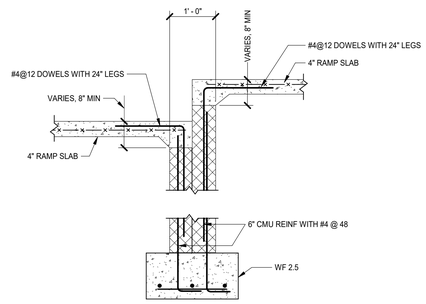
3 S1.1.1 S3.1.1 **SECTION** 3/4" = 1'-0"



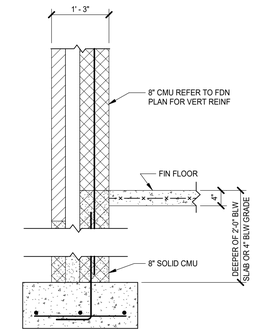
6 S1.1.1 S3.1.1 **SECTION** 3/4" = 1'-0"



2 S1.1.1 S3.1.1 **SECTION** 3/4" = 1'-0"



5 S1.1.1 S3.1.1 **SECTION** 3/4" = 1'-0"



1 S1.1.1 S3.1.1 **SECTION** 3/4" = 1'-0"

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REVISIONS	
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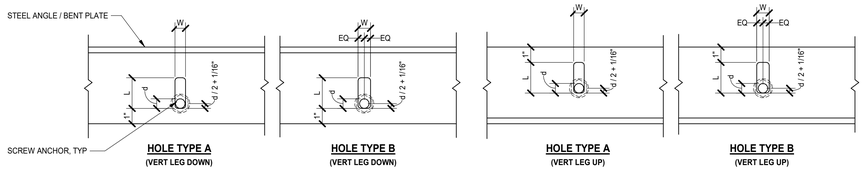
FOUNDATION SECTIONS

S3.1.1

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SCREW ANCHOR HOLE SCHEDULE

	STANDARD	OVERSIZED	HOLE TYPE A		HOLE TYPE B	
ANCHOR DIA	DIAMETER (in)	DIAMETER (in)	W (in)	L (in)	W (in)	L (in)
3/8"	**7/16**	**9/16**	**7/16**	**2**	**9/16**	**2**
1/2"	**9/16**	**11/16**	**9/16**	**2**	**11/16**	**2**
5/8"	**11/16**	**13/16**	**11/16**	**2**	**13/16**	**2**
3/4"	**13/16**	**15/16**	**13/16**	**2 1/4**	**15/16**	**2 1/4**
NOTES	**STANDARD HOLES, UNO**	**BACK SCREW ANCHORS OFF 1/2 TURN AFTER TIGHTENING AND PROVIDE OVERSIZED WASHERS**				

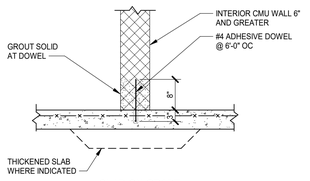


HOLE TYPE A (VERT LEG DOWN) | **HOLE TYPE B** (VERT LEG DOWN) | **HOLE TYPE A** (VERT LEG UP) | **HOLE TYPE B** (VERT LEG UP)

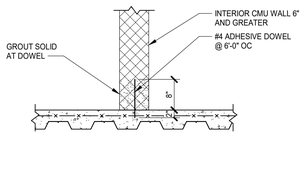
SCREW ANCHOR HOLE INSTALLATION DETAILS

NO SCALE

1. LOCATE ANCHOR AT BASE OF SLUT, UNO.



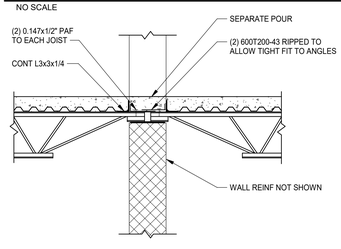
SLAB-ON-GRADE

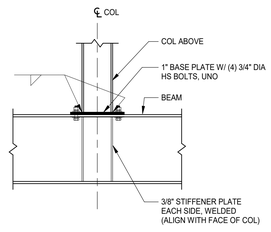


SLAB-ON-DECK

BASE ANCHORAGE OF UNREINFORCED CMU WALLS

NO SCALE



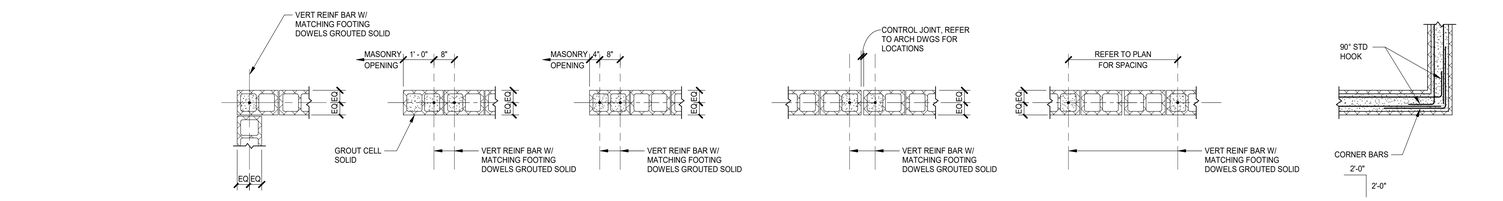


INFILL SLAB AT CORRIDOR OPENINGS

NO SCALE

COLUMN ON BEAM

3/4" = 1'-0"



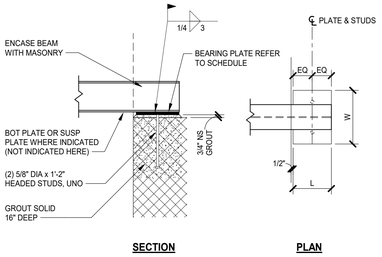
CORNER | **JAMB AT STEEL LINTEL** | **JAMB AT CMU BOND BEAM LINTEL** | **VERTICAL CONTROL JOINTS** | **TYPICAL REINFORCED WALL** | **BOND BEAM PLAN DETAIL AT CORNER**

NOTES:

1. REINFORCING BAR SIZE INDICATED ON FOUNDATION PLAN.
2. DETAILS ARE PROVIDED FOR VERTICAL REINFORCING STEEL PLACEMENT ONLY. REFER TO ARCHITECTS DRAWINGS FOR SPECIFIC MASONRY DETAILS.
3. DO NOT PLACE CONDUIT IN CELLS CONTAINING STRUCTURAL REINFORCING.

CMU WALL REINFORCING DETAILS

NO SCALE



SECTION | **PLAN**

BEAM ANCHORAGE DETAILS

NO SCALE

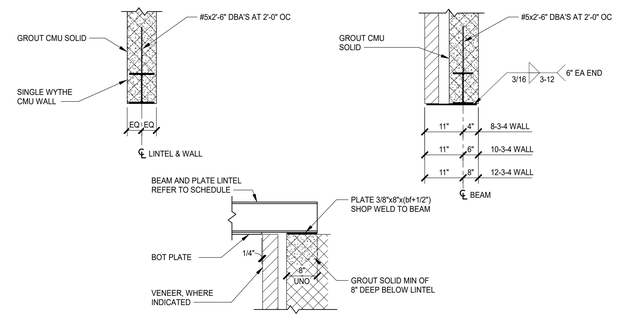
BEARING PLATE SCHEDULE

MARK	SIZE			REMARKS
	W	t	L	
BP1	9"	3/4"	7"	
BP2	9"	3/4"	9"	
BP3	9"	3/4"	11"	
BP4	12"	1"	11"	(2) 3/4" DIA x 6" HEADED STUDS

REFER TO BEAM ANCHORAGE DETAILS

LINTEL SCHEDULE

MARK	DIAGRAM	BOND BEAM (W x H)	REINFORCING	STEEL	NOTES
L1		8 x 8	(2) #5 CONT		
L2		8 x 16	(2) #5 CONT, EA COURSE		
L3		12x8	(2) #5 CONT		
L4				CONT 7"x3/8"x0'-7" BENT PLATE AT L1 THRU L3	CONN TO CMU W/ 3/8" DIA SCREW ANCHORS AT 1'-4" OC, LOCATE ANCHOR 2" FROM TOP OF VERT LEG



STEEL LINTEL DETAILS (CMU BACKUP)

LINTEL NOTES

1. LINTELS FOR ARCHITECTURAL OPENINGS (WINDOWS, DOORS, LOUVERS) IN BEARING WALLS AND EXTERIOR WALLS ARE IDENTIFIED BY MARK NUMBER ON THE FRAMING PLAN(S) AND INCLUDED IN THE LINTEL SCHEDULE.
2. LINTELS FOR ARCHITECTURAL OPENINGS IN NON-LOAD BEARING WALLS AND OTHER WALLS WHICH ARE NOT INDICATED ON THE FRAMING PLAN(S) SHALL BE CONSTRUCTED PER NOTES A, B OR C BELOW.

   A. STEEL ANGLE LINTELS

   PROVIDE ONE ANGLE FOR EACH NOMINAL 4" OF WALL THICKNESS PER THE FOLLOWING SCHEDULE.

MASONRY OPENING	ANGLE SIZE
UP TO 5'-0"	L3 1/2x3 1/2x 5/16
5'-1" TO 6'-0"	L4x3 1/2x 5/16 (LLV)
6'-1" TO 7'-0"	L5x3 1/2x 3/8 (LLV)
OVER 7'-0"	AS DETAILED

   FOR OPENINGS IN 10" CMU, HORIZONTAL LEGS OF ANGLES SHALL BE A COMBINATION OF 5" AND 4".

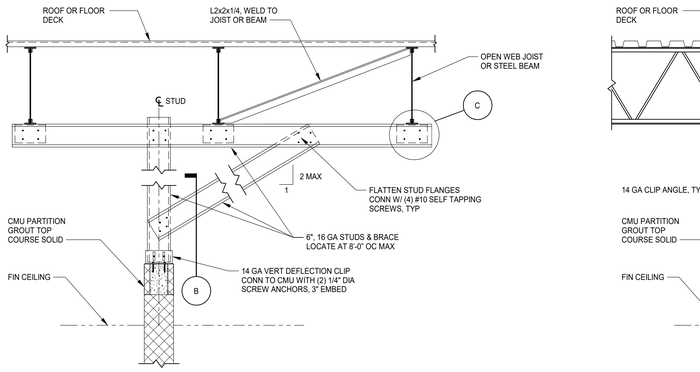
   FOR OPENINGS IN 6" CMU REQUIRING STEEL LINTELS, USE WT7x11 UP TO 7'-0" OPENING.

   B. REINFORCED BOND BEAM LINTELS

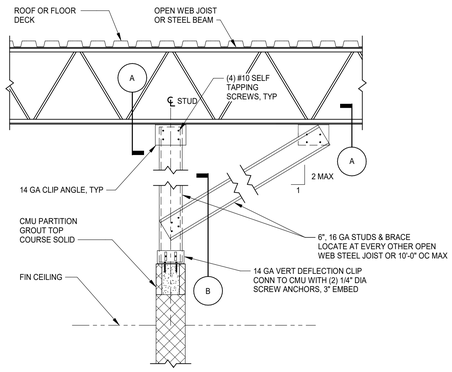
   LINTELS SHALL MATCH THICKNESS OF WALL. REINFORCE 8", 10" AND 12" BOND BEAM WITH (2) #5 BARS AT BOTTOM. REINFORCE 6" BOND BEAM WITH (1) #5 BAR AT BOTTOM. BOND BEAM SHALL BE 8" DEEP FOR OPENING WIDTH UP TO 5'-0", AND SHALL BEAR 8" ON SOLID MASONRY EACH END. BOND BEAM SHALL BE 16" DEEP FOR OPENING WIDTH UP TO 8'-0" AND SHALL BEAR 16" ON SOLID MASONRY EACH END WITH REINFORCING TOP AND BOTTOM. PLACE GROUT MONOLITHICALLY IN BOTH COURSES OF 16" DEEP BOND BEAM.

   C. PRECAST CONCRETE LINTELS

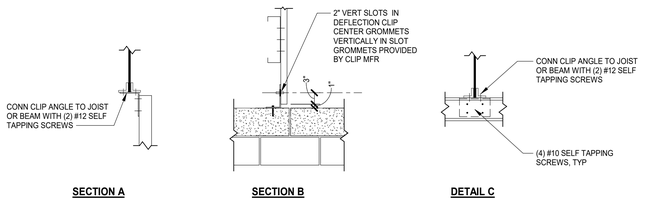
   PRECAST CONCRETE LINTELS SHALL BE 3 5/8" x 7 5/8" FOR EACH NOMINAL 4" THICKNESS OF WALL. REINFORCING SHALL BE (1) #4 TOP AND BOTTOM WITH 1 1/2" COVER. FOR OPENINGS IN 6" CMU, LINTEL SHALL BE 5 5/8" x 7 5/8", REINFORCED WITH (1) #5 TOP AND BOTTOM. MASONRY OPENING WIDTH SHALL BE 6'-0" OR LESS. DO NOT USE PRECAST CONCRETE LINTELS IN EXPOSED LOCATIONS.
3. LINTELS FOR MECHANICAL DUCTWORK PENETRATIONS NOT OTHERWISE DETAILED SHALL BE ONE OF THE ABOVE (NOTE 2A, 2B OR 2C).
4. LINTELS SHALL BEAR 8" ONTO SOLID OR GROUT FILLED MASONRY, UNLESS OTHERWISE INDICATED.
5. LINTELS ARE REQUIRED OVER ALL MASONRY OPENINGS GREATER THAN 8" IN WIDTH.
6. LINTELS ARE NOT REQUIRED ABOVE HOLLOW METAL FRAMES IN OPENINGS 3'-4" OR LESS IN 6" NON-BEARING MASONRY PARTITIONS. GROUT HEAD OF FRAMES SOLID BEFORE PLACING MASONRY.
7. ALL LINTELS IN EXTERIOR WALLS SHALL BE GALVANIZED.



LOW WALL PARALLEL TO JOIST OR BEAM



LOW WALL PERPENDICULAR TO JOIST OR BEAM



SECTION A | **SECTION B** | **DETAIL C**

NOTES:

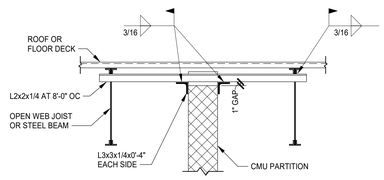
1. BRACE INTERIOR NON-LOAD BEARING MASONRY WALLS IN ACCORDANCE WITH THESE DETAILS UNLESS OTHERWISE INDICATED.
2. IN LIEU OF BRACING AT TOPS OF WALLS, BRACING MAY BE PROVIDED BY INTERSECTING MASONRY WALLS WHEN THE DISTANCE BETWEEN THE INTERSECTING WALLS DOES NOT EXCEED THE FOLLOWING:

NOMINAL THICKNESS OF BRACED WALLS	MAXIMUM SPACING BETWEEN INTERSECTING WALLS
4"	12'-0"
6"	16'-0"
8"	22'-0"
10"	26'-0"
12"	30'-0"

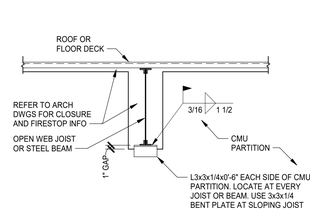
3. BRACING IS REQUIRED IN ACCORDANCE WITH THESE DETAILS IF A VERTICAL CONTROL JOINT OCCURS BETWEEN INTERSECTING WALLS.
4. REFER TO ARCHITECTURAL DRAWINGS FOR INTERIOR PARTITION TYPES AND LOCATIONS.
5. INSTALL BRACING AFTER ALL ROOF DEAD LOAD IS IN PLACE.

BRACING DETAILS FOR NON-LOAD BEARING INTERIOR MASONRY PARTITIONS

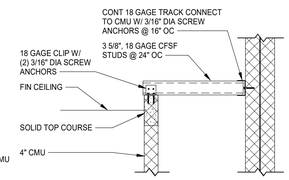
NO SCALE



WALL TO UNDERSIDE OF DECK PARALLEL TO JOISTS



WALL TO UNDERSIDE OF DECK PERPENDICULAR TO JOISTS



4" CMU TOP OF WALL BRACING

MOSELEY ARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

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CITY OF STAUNTON, VA 24401

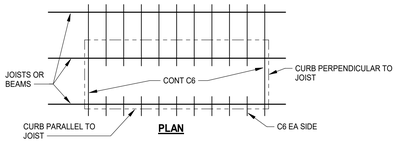
PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

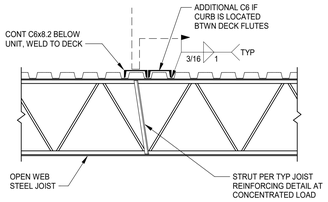
TYPICAL MASONRY WALL AND LINTEL DETAILS

S4.0.1

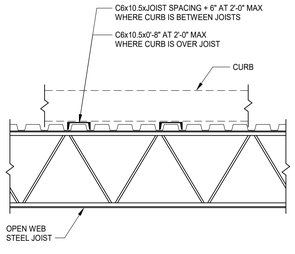
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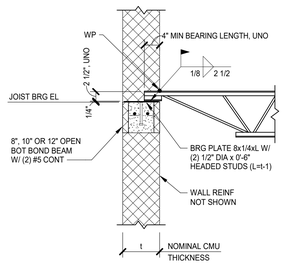
PLAN



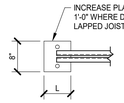
CURB PERPENDICULAR TO JOIST



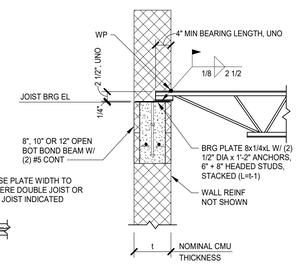
CURB PARALLEL TO JOIST



SECTION AT FLOOR



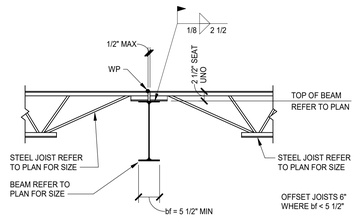
PLAN DETAIL

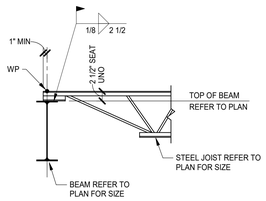


SECTION AT ROOF

RTU CURB SUPPORT DETAILS

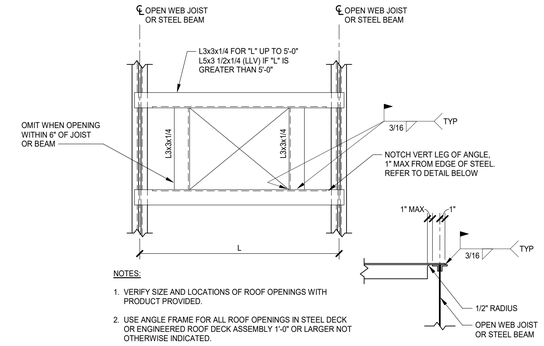
NO SCALE





TYPICAL K SERIES STEEL JOIST ANCHORAGE DETAILS AT CMU WALLS

NO SCALE

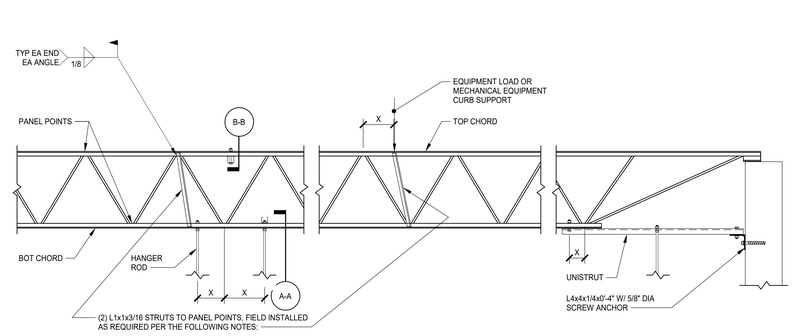


NOTES:

1. VERIFY SIZE AND LOCATIONS OF ROOF OPENINGS WITH PRODUCT PROVIDED.
2. USE ANGLE FRAME FOR ALL ROOF OPENINGS IN STEEL DECK OR ENGINEERED ROOF DECK ASSEMBLY 1'-0" OR LARGER NOT OTHERWISE INDICATED.

ROOF OPENING SUPPORT DETAIL

NO SCALE



K-SERIES JOISTS:

1. WHERE UTILITIES RUN PARALLEL TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD (IF DIRECTLY BELOW JOIST), OR UNISTRUT REACTION (IF PIPE IS BETWEEN JOISTS) DOES NOT EXCEED 200 LBS.
2. WHERE UTILITIES RUN PERPENDICULAR TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD DOES NOT EXCEED 200 LBS.
3. IF INDIVIDUAL HANGER LOAD EXCEEDS 200 LBS ON ANY JOIST, AND DIMENSION 'X' EXCEEDS 6", STRUTS SHALL BE INSTALLED AS INDICATED ABOVE.
4. WHERE MULTIPLE HANGERS ARE LOCATED BETWEEN PANEL POINTS, THE CUMULATIVE LOAD SHALL NOT EXCEED 200 LBS.

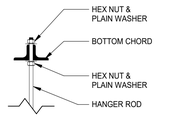
KCS AND LH-SERIES JOISTS:

1. WHERE UTILITIES RUN PARALLEL TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD (IF DIRECTLY BELOW JOIST), OR UNISTRUT REACTION (IF PIPE IS BETWEEN JOISTS) DOES NOT EXCEED 500 LBS.
2. WHERE UTILITIES RUN PERPENDICULAR TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD DOES NOT EXCEED 500 LBS, OR HANGER SHALL BE LOCATED AT EA JOIST.
3. IF INDIVIDUAL HANGER LOAD EXCEEDS 500 LBS ON ANY JOIST, AND DIMENSION 'X' EXCEEDS 6", STRUTS SHALL BE INSTALLED AS INDICATED ABOVE.
4. WHERE MULTIPLE HANGERS ARE LOCATED BETWEEN PANEL POINTS, THE CUMULATIVE LOAD SHALL NOT EXCEED 500 LBS.

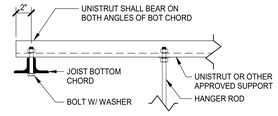
GENERAL:

1. C-CLAMPS SHALL NOT BE USED WHERE HANGER LOAD EXCEEDS 50 LBS.
2. REFER TO DRAWING S0.0.1 FOR STEEL JOIST NOTES.

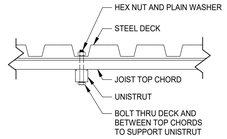
NOTE:
THE GENERAL CONTRACTOR SHALL COORDINATE THESE REQUIREMENTS FOR HANGER SPACING AND JOIST REINFORCING STRUTS WITH MECHANICAL, PLUMBING, AND FIRE PROTECTION TRADES IN ORDER TO ENSURE THAT THESE REQUIREMENTS ARE ACCOUNTED FOR IN THE BID PRICE AND IMPLEMENTED IN THE FIELD. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER INSTALLATION OF THE REINFORCING STRUTS IN ALL CASES WHERE THE HANGER LOAD EXCEEDS THE MAXIMUM. IF HANGER LOCATIONS ARE COORDINATED TO COMPLY WITH THE MAXIMUM HANGER LOADS INDICATED IN THIS DETAIL, THE NUMBER OF JOIST REINFORCING STRUTS WILL BE MINIMIZED.



NOTE: CONTRACTOR SHALL PROVIDE DESIGN OF HANGER ASSEMBLY. C-CLAMPS PERMITTED WHEN LOAD IS LESS THAN 50 LBS



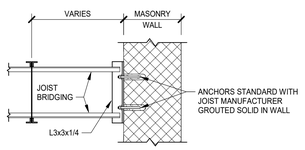
SECTION A-A

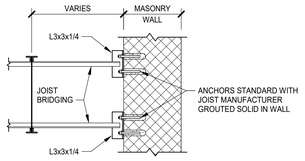


SECTION B-B

CONNECTION OF K SERIES STEEL JOIST TO STEEL BEAM

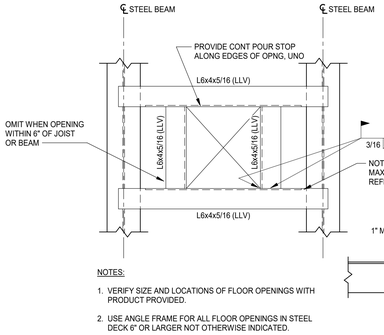
NO SCALE





K SERIES STEEL JOIST BRIDGING ANCHORAGE

NO SCALE

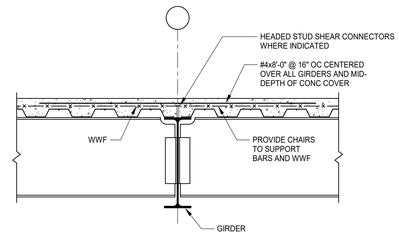


NOTES:

1. VERIFY SIZE AND LOCATIONS OF FLOOR OPENINGS WITH PRODUCT PROVIDED.
2. USE ANGLE FRAME FOR ALL FLOOR OPENINGS IN STEEL DECK 6" OR LARGER NOT OTHERWISE INDICATED.

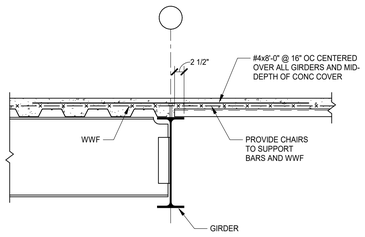
FLOOR OPENING SUPPORT DETAIL

NO SCALE



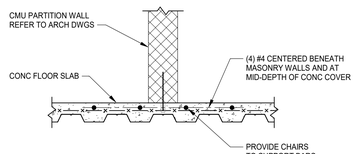
REINFORCING OVER GIRDER

NO SCALE



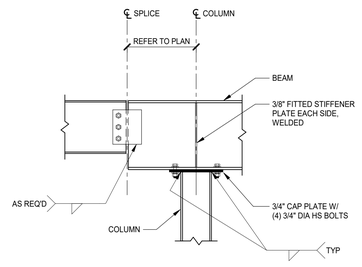
DETAIL AT CHANGE IN FLOOR DECK SPAN DIRECTION

NO SCALE



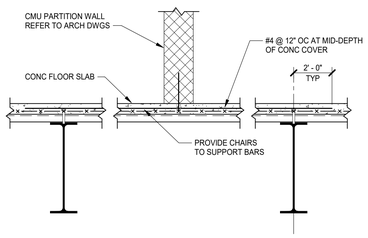
ADDITIONAL SLAB REINFORCING AT FULL HEIGHT MASONRY WALLS PERPENDICULAR TO BEAMS

NO SCALE



BEAM SPLICE OVER COLUMN

NO SCALE

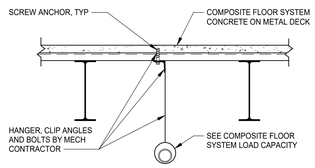


ADDITIONAL SLAB REINFORCING AT FULL HEIGHT MASONRY WALLS PARALLEL TO BEAMS

NO SCALE

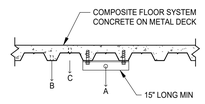
TYPICAL LOAD SUPPORTED FROM JOIST DETAIL

NO SCALE



NOTE:

1. ONLY ONE CONNECTION PER RIB IN ONE SPAN OF DECK BETWEEN BEAMS/SUPPORT.



COMPOSITE FLOOR SYSTEM LOAD CAPACITY	
	LOAD TO FLOOR SYSTEM
A	250 lb*
B	100 lb*
C	0 DO NOT HANG FROM THIN PORTION

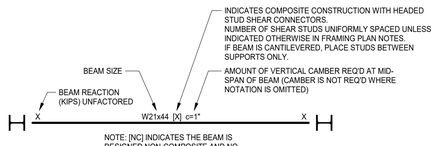
* ANCHORAGE INTO CONCRETE, BY OTHERS, FOR MISC COMPONENTS AND HANGERS, SHALL BE DESIGNED FOR THE ACTUAL LOAD AND FURNISHED BY THE MECHANICAL SUB-CONTRACTOR. MECHANICAL SUB-CONTRACTOR SHALL VERIFY SCREW ANCHOR DIAMETER AND EMBEDMENT DEPTH FOR THE REQUIRED LOADING AND AVAILABLE DEPTH OF CONCRETE.

DECK SUPPORTED UTILITY HANGER

NO SCALE

STEEL DECK SCHEDULE

DECK TYPE 1	1 1/2" - 20 GAGE WIDE RIB ROOF DECK, GALVANIZED	FASTEN TO ALL SUPPORTS WITH 5/8" DIAMETER PUDDLE WELDS AT 36/7 PATTERN, AND AT 6" OC AT ALL EDGES AND END LAPS. FASTEN SIDELAPS WITH #10 TEK SCREWS AT MID-SPAN AND NOT GREATER THAN 24" OC. AT CFSF SUPPORT FRAMING, FASTEN WITH #10 TEK SCREWS IN LIEU OF WELDS. (SPACING TO MATCH WELDING SPACING NOTED ABOVE)
DECK TYPE 2	2" - 18 GAGE COMPOSITE FLOOR DECK, GALVANIZED	FASTEN TO ALL SUPPORTS AND EDGES WITH 5/8" DIAMETER PUDDLE WELDS AT 12" OC. FASTEN SIDELAPS WITH #10 TEK SCREWS AT 24" OC.



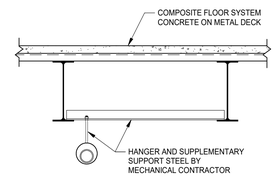
NOTE: [NC] INDICATES THE BEAM IS DESIGNED NON-COMPOSITE AND NO SHEAR CONNECTORS ARE REQUIRED.

COMPOSITE BEAM DIAGRAM

NO SCALE

NOTES:

1. REFER TO COMPOSITE BEAM NOTES FOR SHEAR STUD INFORMATION.
2. COORDINATE LOCATION OF FLOOR SLAB CONSTRUCTION JOINTS WITH STRUCTURAL ENGINEER PRIOR TO POURING.
3. CONSTRUCTION JOINTS PARALLEL TO A BEAM SHALL BE NO CLOSER TO THE BEAM THAN THE MINIMUM OF ONE-EIGHTH OF THE BEAM SPAN (CENTER TO CENTER OF SUPPORTS), OR ONE-HALF THE DISTANCE TO THE CENTERLINE OF THE ADJACENT BEAM.



NOTES:

1. USE SUPPLEMENTAL SUPPORT STEEL FOR 5" DIA PIPE AND LARGER EXCEPT FOR 6" DIA ROOF LEADER.
2. IF SUPPLEMENTARY STEEL IS NOT IN PLACE BEFORE SPRAY FIREPROOFING, REPAIR OF DAMAGED FIREPROOFING IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR.

BEAM SUPPORTED UTILITY HANGER

NO SCALE

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MOSELEYARCHITECTS.COM

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PAUL J. GAGNON
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PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

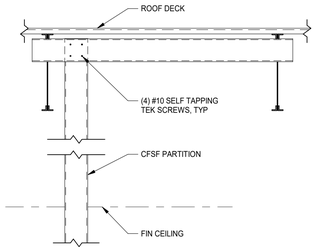
2040 WEST BEVERLY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874	
DATE:	MARCH 1, 2024
REVISIONS	
DATE	DESCRIPTION

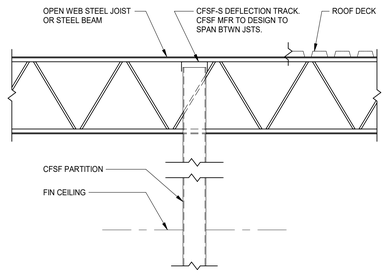
TYPICAL FRAMING DETAILS

S4.0.2

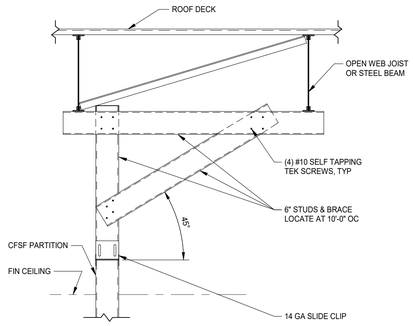
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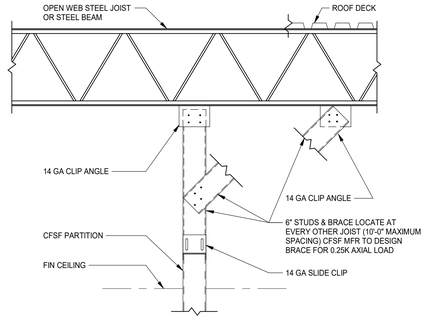
WALL TO DECK - PARALLEL TO JOISTS



WALL TO DECK - PERPENDICULAR TO JOISTS



LOW WALL PARALLEL TO JOISTS



LOW WALL PERPENDICULAR TO JOISTS

NOTES:
1. BRACE INTERIOR CFSF WALLS THAT DO NOT EXTEND TO DECK IN ACCORDANCE WITH THESE DETAILS UNLESS OTHERWISE INDICATED.
2. IN LIEU OF BRACING AT TOPS OF WALLS, BRACING MAY BE PROVIDED BY INTERSECTING WALLS WHEN THE DESITANCE BETWEEN THE INTERSECTING WALLS DOES NOT EXCEED 10'-0".
3. REFER TO ARCHITECTURAL DRAWINGS FOR INTERIOR PARTITION TYPES AND LOCATIONS.
4. INSTALL BRACING AFTER ALL ROOF DEAD LOAD IS IN PLACE.
5. DETAILS ABOVE ARE ALSO APPLICABLE AT FLOOR AND ROOF BEAMS.

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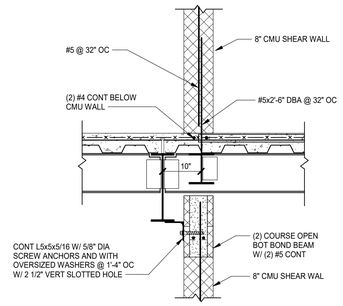
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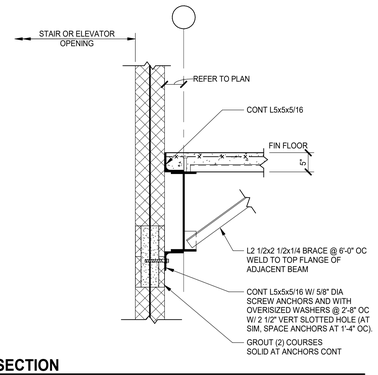
TYPICAL FRAMING DETAILS

S4.0.3

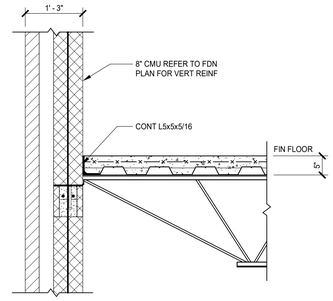
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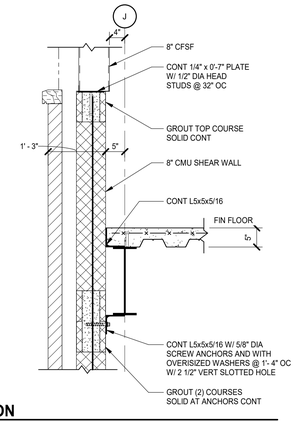
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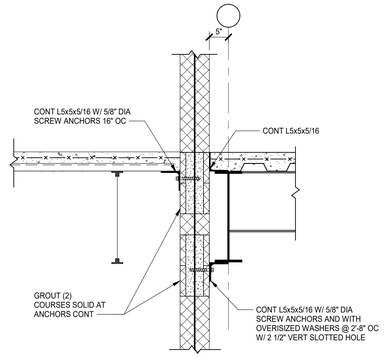
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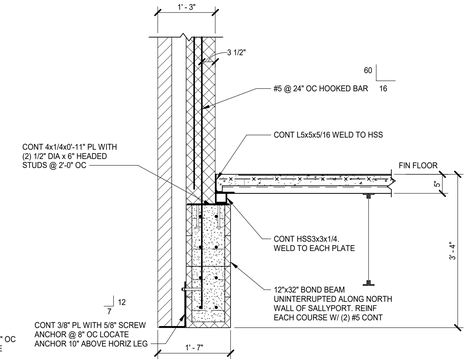
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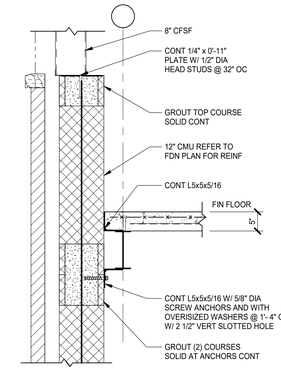
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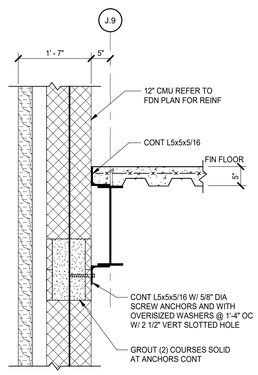
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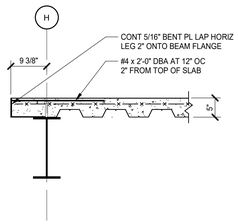
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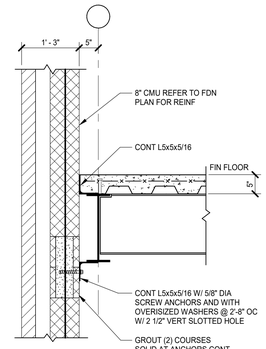
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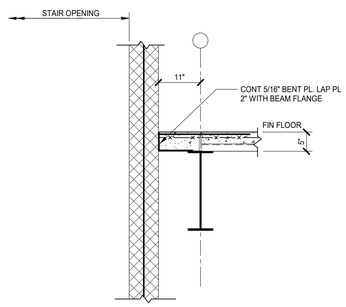
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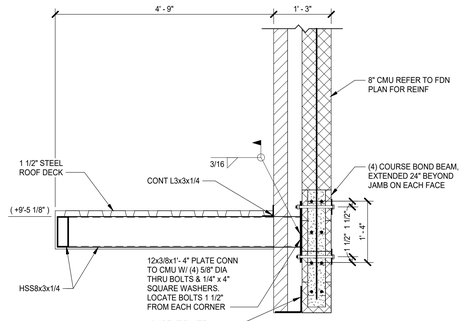
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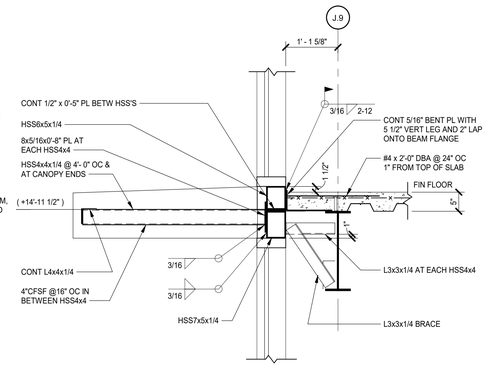
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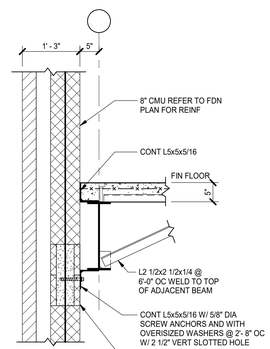
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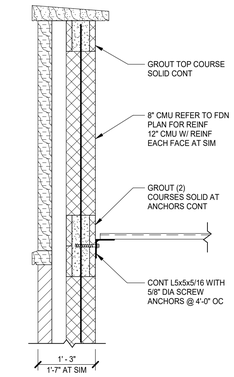
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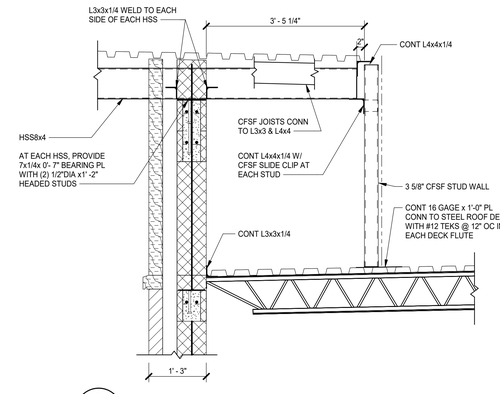
FRAMING SECTIONS

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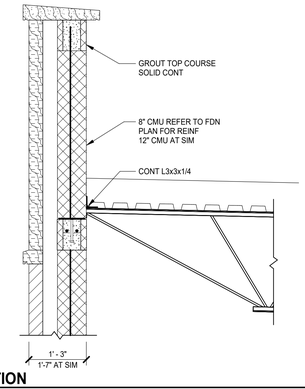
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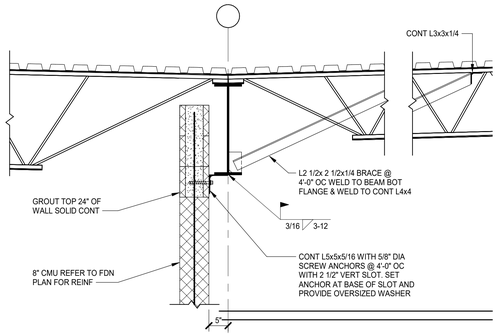
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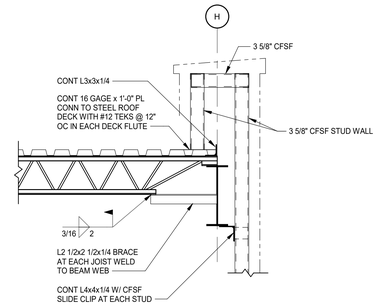
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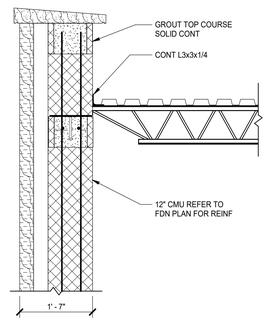
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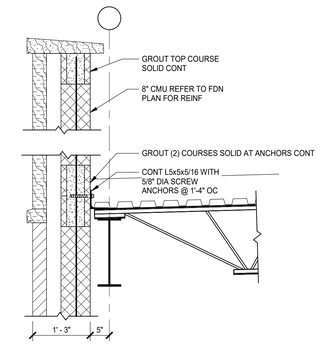
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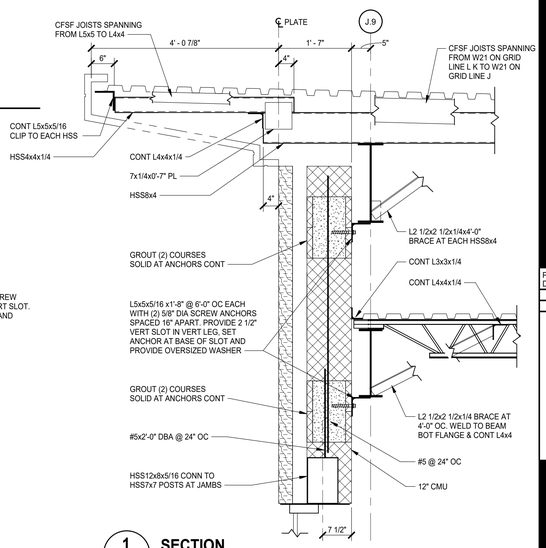
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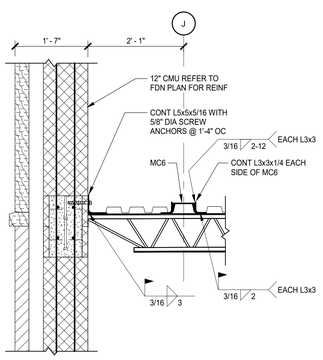
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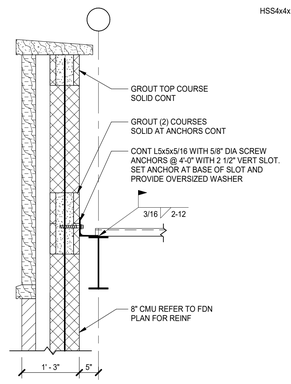
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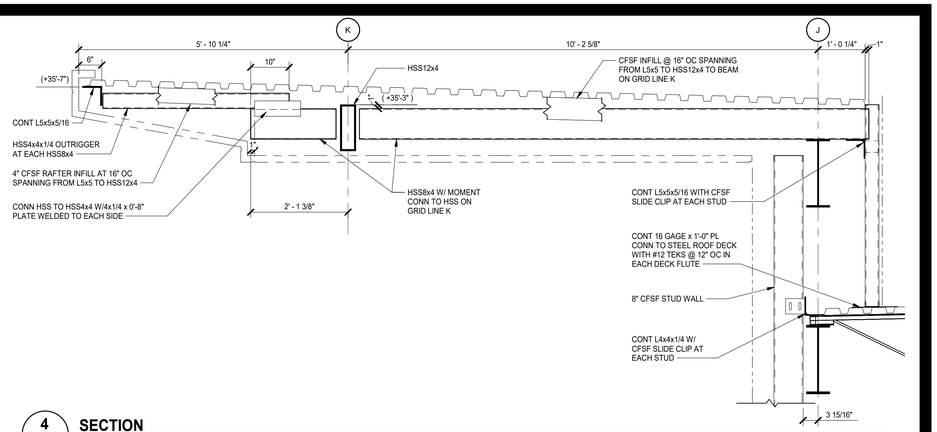
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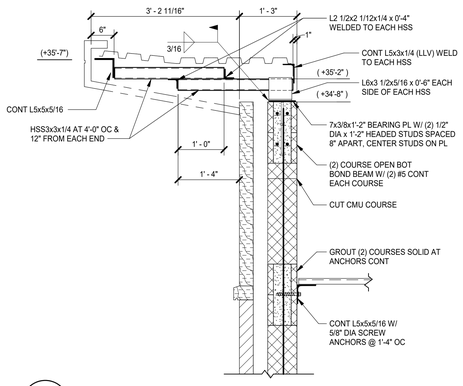
FRAMING SECTIONS

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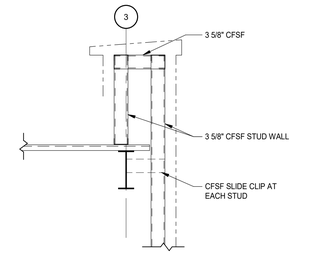
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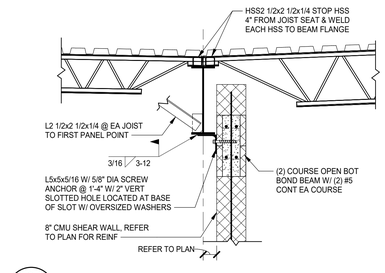
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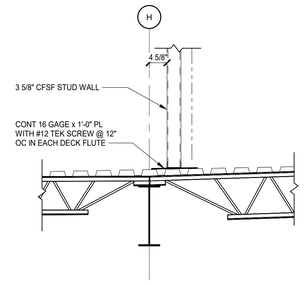
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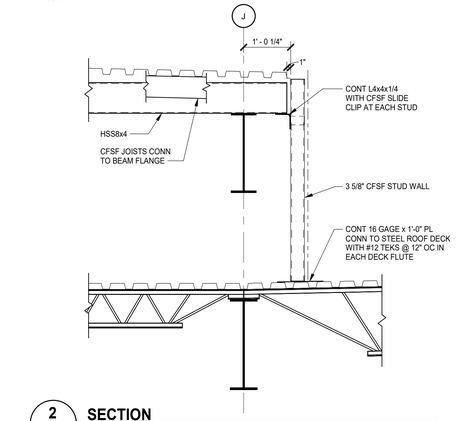
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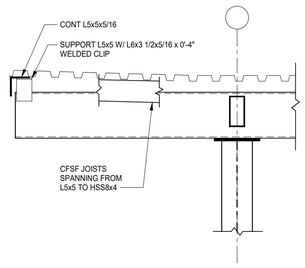
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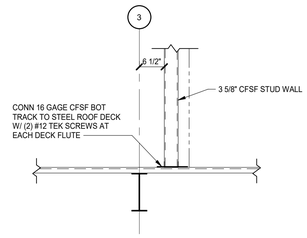
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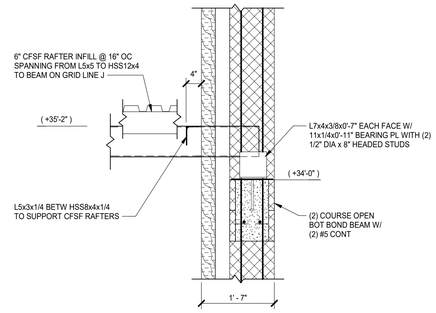
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8 SECTION S2.2.2 | S4.2.2 — 3/4" = 1'-0"



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1 SECTION S2.2.2 | S4.2.2 — 3/4" = 1'-0"

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S4.2.2

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ABBREVIATIONS

@	AT	EWC	ELECTRIC WATER COOLER	OSD	OPEN SITE DRAIN
AAV	AIR ADMITTANCE VALVE	EWH	ELECTRIC WATER HEATER	PC	PRECAST
ABV	ABOVE	EX	EXISTING	PCF	POUNDS PER CUBIC FOOT
AC-X	AIR COMPRESSOR DESIGNATION	EXP	EXPANSION	PD	PUMP DISCHARGE
ADJ	ADJUSTABLE	FCO	FLOOR CLEANOUT	PLUMB	PLUMBING
ADNL	ADDITIONAL	FD	FLOOR DRAIN	PLYWD	PLYWOOD
AFF	ABOVE FINISHED FLOOR	FDC	FIRE DEPARTMENT CONNECTION	POLY	POLYETHYLENE
AFG	ABOVE FINISHED GRADE	FF	FINISHED FLOOR	PPT	PRESSURE PRESERVATIVE TREATED
AHU	AIR HANDLING UNIT	FFE	FINISHED FLOOR ELEVATION	PREFAB	PREFABRICATE(D)
ALT	ALTERNATE	FG	FINISHED GRADE	PROJ	PROJECT
ALUM	ALUMINUM	FH	FIRE HYDRANT	PSF	POUNDS PER SQUARE FOOT
AP	ACCESS PANEL	FHC	FIRE HOSE CABINET	PSI	POUNDS PER SQUARE INCH
APPR	APPROXIMATE	FHS	FIRE HOSE STATION	PV	PROPANE VENT
ARCH	ARCHITECTURAL	FHVC	FIRE HOSE VALVE CABINET	PVC	POLYVINYL CHLORIDE
AUTO	AUTOMATIC	FIX	FIXTURE	PVMT	PAVEMENT
AVG	AVERAGE	FLR	FLOOR	R	RISER
BFF	BELOW FINISHED FLOOR	FLSHG	FLASHING	RAD	RADIUS
BFG	BELOW FINISHED GRADE	FOR	FUEL OIL RETURN	RCP-X	RECIRCULATION PUMP DESIGNATION
BLDG	BUILDING	FOS	FUEL OIL SUPPLY	RD	ROOF DRAIN (BOTTOM OUTLET)
BO	BOTTOM OF	FOV	FUEL OIL VENT	RDS	ROOF DRAIN (SIDE OUTLET)
BOT	BOTTOM	FS	FLOOR SINK	REF	REFERENCE
BSMT	BASEMENT	FSD	FOUNDATION SUB-DRAIN	REQD	REQUIRED
BTWN	BETWEEN	FT	FOOT OR FEET	REQMT	REQUIREMENTS
CA	COMPRESSED AIR	FVC	FIRE VALVE CABINET	RL	RAIN LEADER
CI	CAST IRON	G	GAS	RM	ROOM
CIP	CAST-IN-PLACE CONCRETE	GCO	GRADE CLEANOUT	RO	ROUGH OPENING
CL	CENTERLINE	GWH	GAS WATER HEATER	RV	RADON VENT
CLG	CEILING	HB	HOSE BIBB	S	SOUTH
CLR	CLEAR	HORIZ	HORIZONTAL	SAN	SANITARY
CMP	CORRUGATED METAL PIPE	HP	HORSEPOWER	SCH	SCHEDULE
CNTR	COUNTER	HR-X	HOSE REEL DESIGNATION	SD	STORM DRAINAGE PIPING
CO	CLEANOUT	HTG	HEATING	SDN	STORM DRAIN NOZZLE
COL	COLUMN	HW	HOT WATER	SF	SQUARE FOOT/FEET
CONC	CONCRETE	HWR	HOT WATER RETURN	SHT	SHEET
CONDS	CONDENSATE	HWS	HOT WATER SUPPLY	SIM	SIMILAR
CONSTR	CONSTRUCT(ION)	ID	INSIDE DIAMETER	SLT	SEALANT
CONT	CONTINUATION	IN	INCH	SOG	SLAB ON GRADE
CONTR	CONTRACT(-OR)	INSUL	INSULATE OR INSULATION	SP	SUMP PUMP
CORR	CORRIDOR	INV	INVERT	SPEC	SPECIFICATION
CP	CIRCULATING PUMP	JAN	JANITOR	SPR	SPRINKLER
CR	CLASSROOM	KIT	KITCHEN	SQ	SQUARE
CT	COOLING TOWER	KW	KITCHEN WASTE	SRD	SECONDARY ROOF DRAIN
CU	COPPER	LAB	LABORATORY	SS	STAINLESS STEEL
CU FT	CUBIC FEET	LAV	LAVATORY	SSD	SECONDARY STORM DRAINAGE PIPING
CU YD	CUBIC YARD	LBS	POUNDS	STD	STANDARD
CW	COLD WATER	LF	LINEAR FOOT (FEET)	STL	STEEL
DB	DRY BULB	LP	PROPANE	STOR	STORAGE
DCW	DOMESTIC COLD WATER	LPV	PROPANE VENT	STRUCT	STRUCTURAL
DEMO	DEMOLISH OR DEMOLITION	MATL	MATERIAL	SUSP	SUSPENDED
DF	DRINKING FOUNTAIN	MAX	MAXIMUM	TD	TRENCH DRAIN
DHR	DOMESTIC HOT WATER RETURN	MECH	MECHANICAL	THK	THICK(-NESS)
DHR(140)	DOMESTIC HOT WATER RETURN (140°)	MED	MEDIUM	TLT	TOILET
DHW	DOMESTIC HOT WATER	MFR	MANUFACTURER	TMV	THERMOSTATIC MIXING VALVE
DHW(140)	DOMESTIC HOT WATER (140°)	MH	MANHOLE	TOSL	TOP OF SLAB
DI	DROP INLET	MIN	MINIMUM	TW	DOMESTIC TEMPERED WATER (90° F)
DIA	DIAMETER	MISC	MISCELLANEOUS	TYP	TYPICAL
DIP	DUCTILE IRON PIPE	MTD	MOUNTED	UG	UNDERGROUND
DN	DOWN	N	NORTH	UNO	UNLESS NOTED (INDICATED) OTHERWISE
DR-X	COMPRESSED AIR DRYER DESIGNATION	N/A	NOT APPLICABLE/AVAILABLE	V	VENT
DS	DOWNSPOUT	NC	NORMALLY CLOSED	VAC	VACUUM
DT	DRAIN TILE	NG	NATURAL GAS	VB	VACUUM BREAKER
DTL	DETAIL	NGV	NATURAL GAS VENT	VERT	VERTICAL
DTW	DOMESTIC TEMPERED WATER	NIC	NOT IN CONTRACT	VIF	VERIFY IN FIELD
DWG	DRAWING	NO	NORMALLY OPEN	VTR	VENT THROUGH ROOF
DWP	DOMESTIC WATER BOOSTER PUMP	NO., (#)	NUMBER	W	WEST
E	EAST	NOM	NOMINAL	W/	WITH
ED	EMERGENCY SECONDARY ROOF DRAIN	OC	ON CENTER	W/O	WITHOUT
ELEC	ELECTRICAL	OD	OUTSIDE DIAMETER	WB	WATER HAMMER ARRESTER
ELEV	ELEVATION	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	WC	WATER CLOSET
EPBD	ELECTRICAL PANELBOARD	OFF	OFFICE	WCO	WALL CLEANOUT
EQ	EQUAL	OH	OVERHEAD	WSHP	WATER SOURCE HEAT PUMP
EQUIP	EQUIPMENT	OPNG	OPENING	WWF	WELDED WIRE FABRIC
ETR	EXISTING TO REMAIN	OPP	OPPOSITE	WWM	WELDED WIRE MESH
				XFMR	TRANSFORMER

GRAPHICS SYMBOLS LEGEND

- X" XXX — PIPE WITH SIZE AND SERVICE
- FLOW IN DIRECTION OF ARROW
- 1/8" FT — PITCH DOWN IN DIRECTION OF ARROW AT INDICATED SLOPE
- PIPE CAP
- PIPE TURNED DOWN
- PIPE TURNED UP
- PIPE TEE UP
- PIPE TEE DOWN
- UNION
- CONCENTRIC PIPE REDUCTION
- CO — END OF LINE CLEANOUT PLUG
- CO — FLOOR CLEANOUT
- WCO — WALL CLEANOUT
- CO (GCO) — YARD CLEANOUT (CLEANOUT TO GRADE)
- FD-1 — FLOOR DRAIN WITH TAG
- FS-1 — FLOOR SINK WITH TAG
- PRESSURE GAUGE WITH GAUGE COCK
- LIQUID FILLED THERMOMETER
- A — WATER HAMMER ARRESTOR (PLUMBING & DRAINAGE INSTITUTE SIZE INDICATED)
- FS — FLOW SWITCH
- TEMPERATURE/PRESSURE PLUG
- VALVE
- VALVE IN RISER
- GAS COCK
- VENTURI FLOW METER
- MANUAL BALANCING VALVE
- AUTOMATIC BALANCING VALVE WITH FLOW TAPS
- SWING CHECK VALVE
- PRESSURE REDUCING VALVE
- S — SOLENOID OPERATED VALVE
- T&P — TEMPERATURE AND PRESSURE RELIEF VALVE
- BACKWATER VALVE
- HOSE BIBB OR WALL HYDRANT
- REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER
- DOUBLE CHECK BACKFLOW PREVENTER
- PUMP

- POINT OF CONNECTION TO EXISTING
- LIMIT OF DEMOLITION
- 30 — KEYNOTE
- 8 — STRUCTURAL GRID LINE WITH DESIGNATION
- A123 — **SPACE IDENTIFICATION TAG**: SPACE NUMBER; BUILDING AREA (WHEN USED)
- AHU-02 — **EQUIPMENT IDENTIFICATION TAG**: EQUIPMENT NUMBER; UNIT DESIGNATION
- **SECTION WHERE CUT**: A — SECTION LETTER; P6.1 — DRAWING WHERE SECTION IS INDICATED
- **ENLARGED PLAN WHERE CUT**: 1 — ENLARGED PLAN NUMBER; P6.1 — DRAWING WHERE ENALRGED PLAN IS INDICATED
- **DETAIL TAG**: 1 — DETAIL NUMBER; P6.1 — DRAWING WHERE DETAIL IS INDICATED
- **SANITARY RISER TAG**: S1 — SANITARY RISER IDENTIFIER; P6.1 — DRAWING WHERE SANITARY RISER IS TAGGED
- **DOMESTIC RISER TAG**: D1 — DOMESTIC RISER IDENTIFIER; P6.1 — DRAWING WHERE DOMESTIC RISER IS TAGGED

1 DETAIL TITLE
1/4"=1'-0"
P2.2 P6.2 P2.3 P2.4
- DETAIL NUMBER
- DRAWING WHERE DETAIL IS INDICATED
- DRAWING WHERE DETAIL IS CUT
- ADDITIONAL DRAWING REFERENCES

S1 SANITARY RISER DIAGRAM
1/4"=1'-0"
P2.2 P4.2 P2.3 P2.4
- SANITARY RISER DIAGRAM IDENTIFIER
- DRAWING WHERE SANITARY RISER IS INDICATED
- DRAWING WHERE SANITARY RISER IS TAGGED
- ADDITIONAL DRAWING REFERENCES

D1 DOMESTIC RISER DIAGRAM
1/4"=1'-0"
P2.2 P5.2 P2.3 P2.4
- DOMESTIC RISER DIAGRAM IDENTIFIER
- DRAWING WHERE DOMESTIC RISER IS INDICATED
- DRAWING WHERE DOMESTIC RISER IS TAGGED
- ADDITIONAL DRAWING REFERENCES

G1 FUEL GAS RISER DIAGRAM
1/4"=1'-0"
P2.2 P5.2 P2.3 P2.4
- FUEL GAS RISER DIAGRAM IDENTIFIER
- DRAWING WHERE FUEL GAS RISER IS INDICATED
- DRAWING WHERE FUEL GAS RISER IS TAGGED
- ADDITIONAL DRAWING REFERENCES

GENERAL DATA

PLUMBING GENERAL DATA

Item	Value
SERVICE SIZING	
INSTANTANEOUS DEMAND (GPM)	127
SUPPLY FIXTURE UNITS (SFU)	345
DRAINAGE FIXTURE UNITS (DFU)	239
STORM DRAINAGE	
AREA OF ROOF (SQUARE FEET)	17768
AREA OF WALL ABOVE/ADJACENT TO ROOF (SQUARE FEET)	2506
TOTAL ROOF DRAINAGE (SQUARE FEET)	19021
WATER HEATERS	
NUMBER	2
INSTANTANEOUS DEMAND (GPM)	14
FUEL USED	NATURAL GAS

GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

B. COORDINATE PIPING LOCATIONS AND INSTALLATION WITH EACH TRADE TO AVOID CONFLICTS WITH OTHER TRADES.

C. PROVIDE FLOOR CLEANOUTS INDICATED FLUSH WITH FLOOR FINISHES.

D. PROVIDE CLEANOUTS WHERE INDICATED AND ADDITIONAL CLEANOUTS AS REQUIRED BY LOCAL CODE.

E. REFER TO DRAWINGS FROM EACH DISCIPLINE BEFORE ROUGHING-IN PLUMBING FIXTURES.

F. OBTAIN DIMENSIONS AND ROUTING IN FIELD BEFORE INSTALLATION OF PLUMBING AND FIXTURES.

G. INSTALL ALL DRAINAGE PATTERN FITTINGS AND PIPING IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

H. REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND MAXIMUM SPACING REQUIREMENTS REGARDING HANGER ATTACHMENTS TO STEEL BAR JOISTS.

I. PROVIDE ISOLATION VALVES IN ACCORDANCE WITH DIAGRAMS, DETAILS, AND DIVISION 22 SPECIFICATIONS.

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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

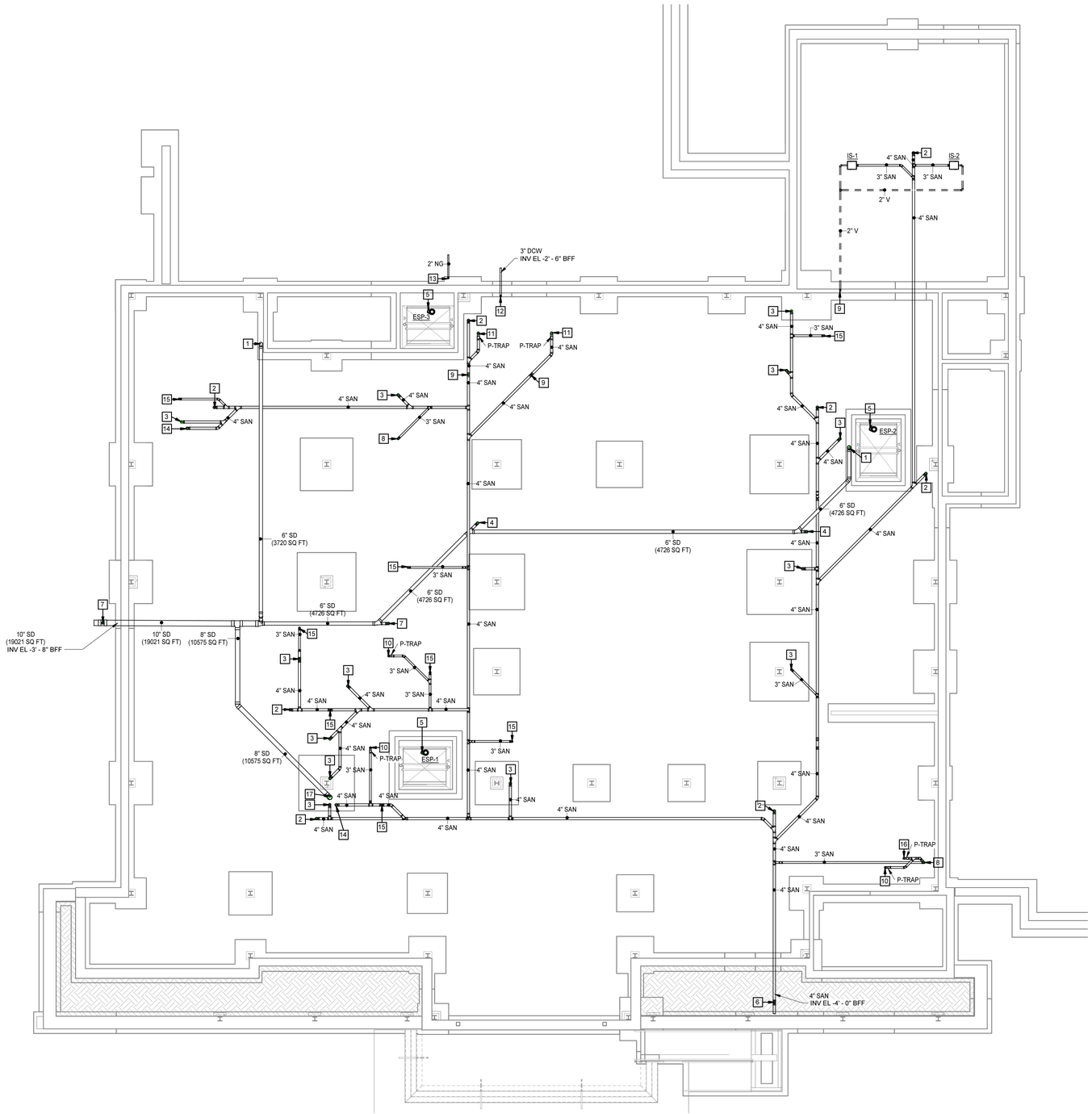
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DATE	DESCRIPTION

LEGENDS, ABBREVIATIONS AND GENERAL NOTES

P0.1

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FOUNDATION PLAN - PLUMBING

1/8" = 1'-0"

KEYNOTES

APPLIES TO THIS DRAWING

1	6" SD UP
2	4" SAN UP TO FCO
3	4" SAN UP
4	4" SD UP TO FCO
5	2" PD UP.
6	4" SAN UP TO GCO
7	4" SD UP TO GCO
8	3" SAN UP
9	2" V UP
10	3" SAN UP TO 3" FD-1
11	4" SAN UP TO TD-1.
12	3" DCW UP.
13	2" NG UP.
14	4" SAN UP TO WATER CLOSET
15	3" SAN UP TRANSITION TO 2" SAN ABOVE SLAB
16	3" SAN UP TO MB-1
17	8" SD UP

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FOUNDATION PLAN - PLUMBING

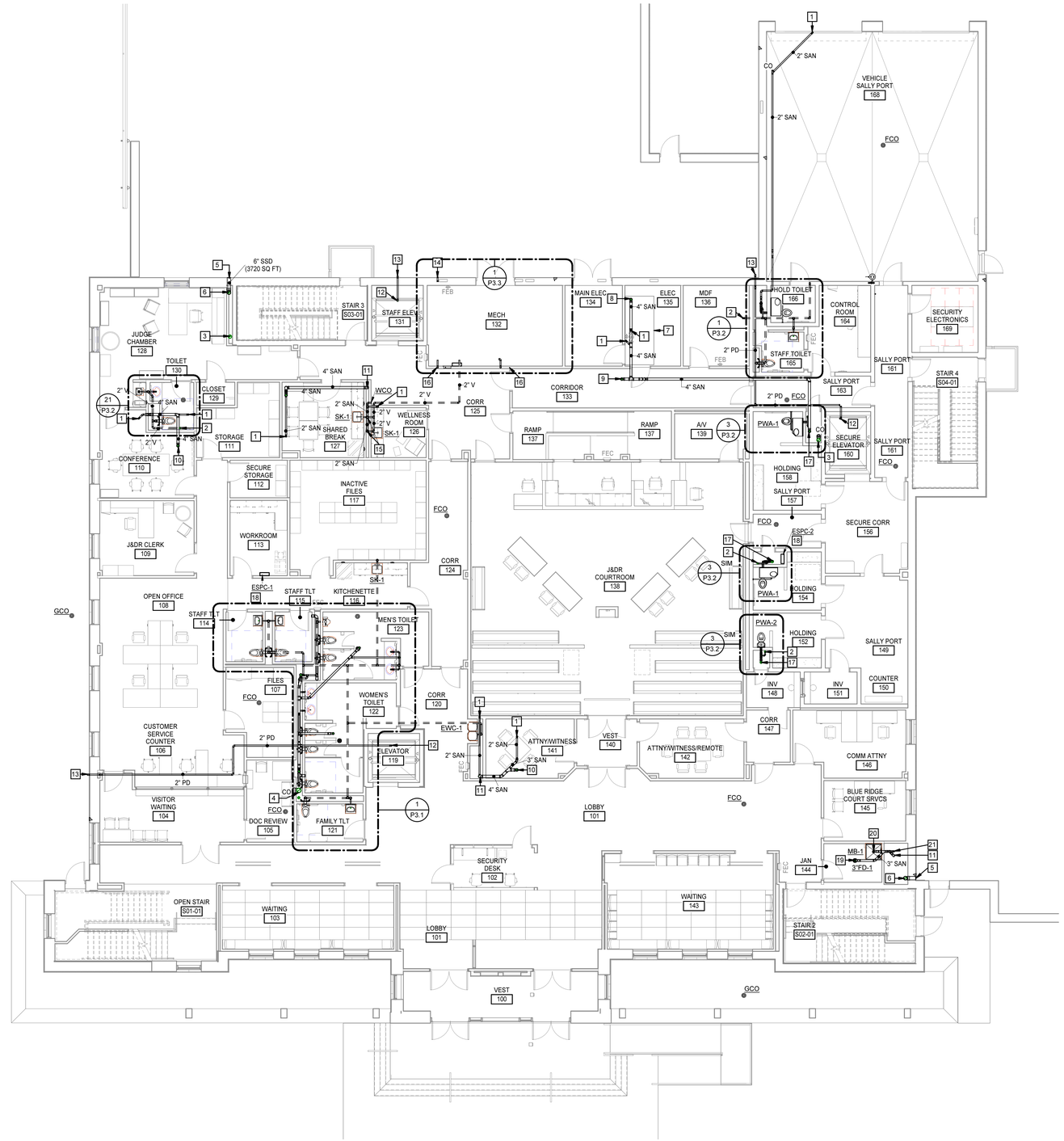
P2.1

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KEYNOTES

APPLIES TO THIS DRAWING

1	2" SAN UP
2	2" V UP
3	6" SD UP & DN
4	8" SD UP & DN
5	6 DSN-1 (1'-0" AFF) REFER TO SECONDARY STORM DRAIN DISCHARGE NOZZLE DETAIL. COORDINATE EXACT LOCATION WITH ARCHITECT.
6	6" SSD UP
7	PROVIDE DRAIN PAN. ROUTE 3/4" COPPER DMV WASTE FROM PAN TO THE NEAREST FLOOR DRAIN.
8	4" SAN UP
9	4" SAN UP TO FCO
10	4" SAN UP TO WATER CLOSET
11	4" SAN DN
12	2" PD DN TO SUMP PUMP. REFER TO ELEVATOR SUMP PUMP DETAIL.
13	2" PUMP DISCHARGE TO CONCRETE SPLASH BLOCK - MINIMUM 18" AFG.
14	PROVIDE SEIHO SFX-S SERIES VENT CAP. COORDINATE WITH ARCHITECT FOR EXACT LOCATION.
15	2" V DN & 2" SAN UP TO SINK.
16	2" V DN
17	4" SAN UP & DN
18	COORDINATE ELEVATOR SUMP PUMP ALARM PANEL WITH DIVISION 26.
19	3" SAN UP TO 3" FD-1
20	3" SAN UP TO MB-1
21	2" V UP & DN



N

FIRST FLOOR PLAN - SANITARY

1/8" = 1'-0"

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FIRST FLOOR PLAN - SANITARY

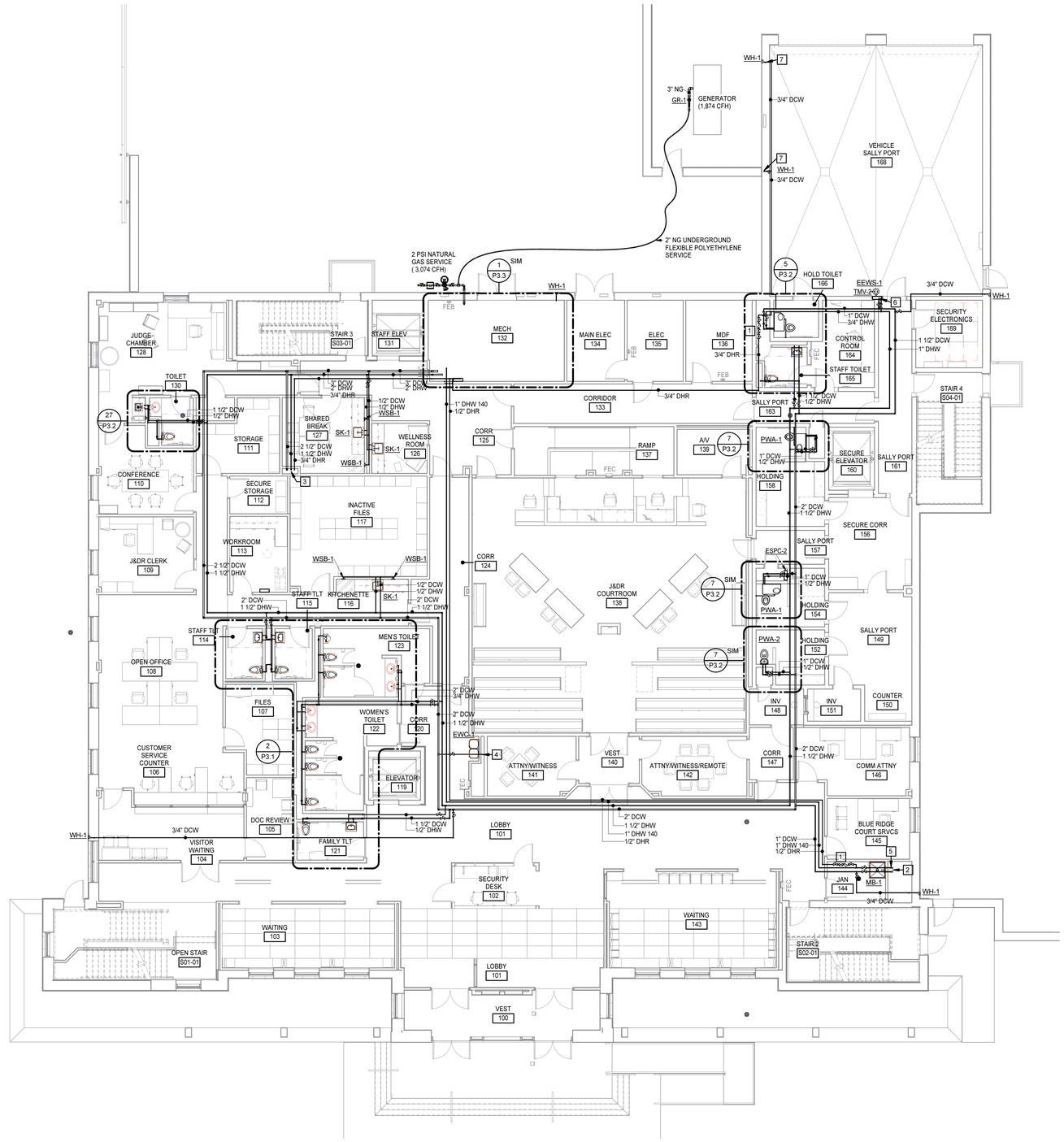
P2.2

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KEYNOTES

APPLIES TO THIS DRAWING

1. PROVIDE A THERMOSTATIC BALANCING VALVE. REFER TO HOT WATER RECIRCULATION BRANCH CONNECTION DETAIL ON SHEET P5.2.
2. 3/4" DCW & 3/4" DHW UP TO MOP SINK.
3. 2-1/2" DCW, 1-1/2" DHW & 3/4" DHR UP
4. 1/2" DCW DN TO ELECTRIC WATER COOLER
5. 3/4" DCW & 3/4" DHW DN TO MOP SINK.
6. 1" DCW & 1" DHW DN TO TMV-2.
7. 3/4" DCW DN TO WH-1.



FIRST FLOOR PLAN - DOMESTIC

1/8" = 1'-0"

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FIRST FLOOR PLAN - DOMESTIC

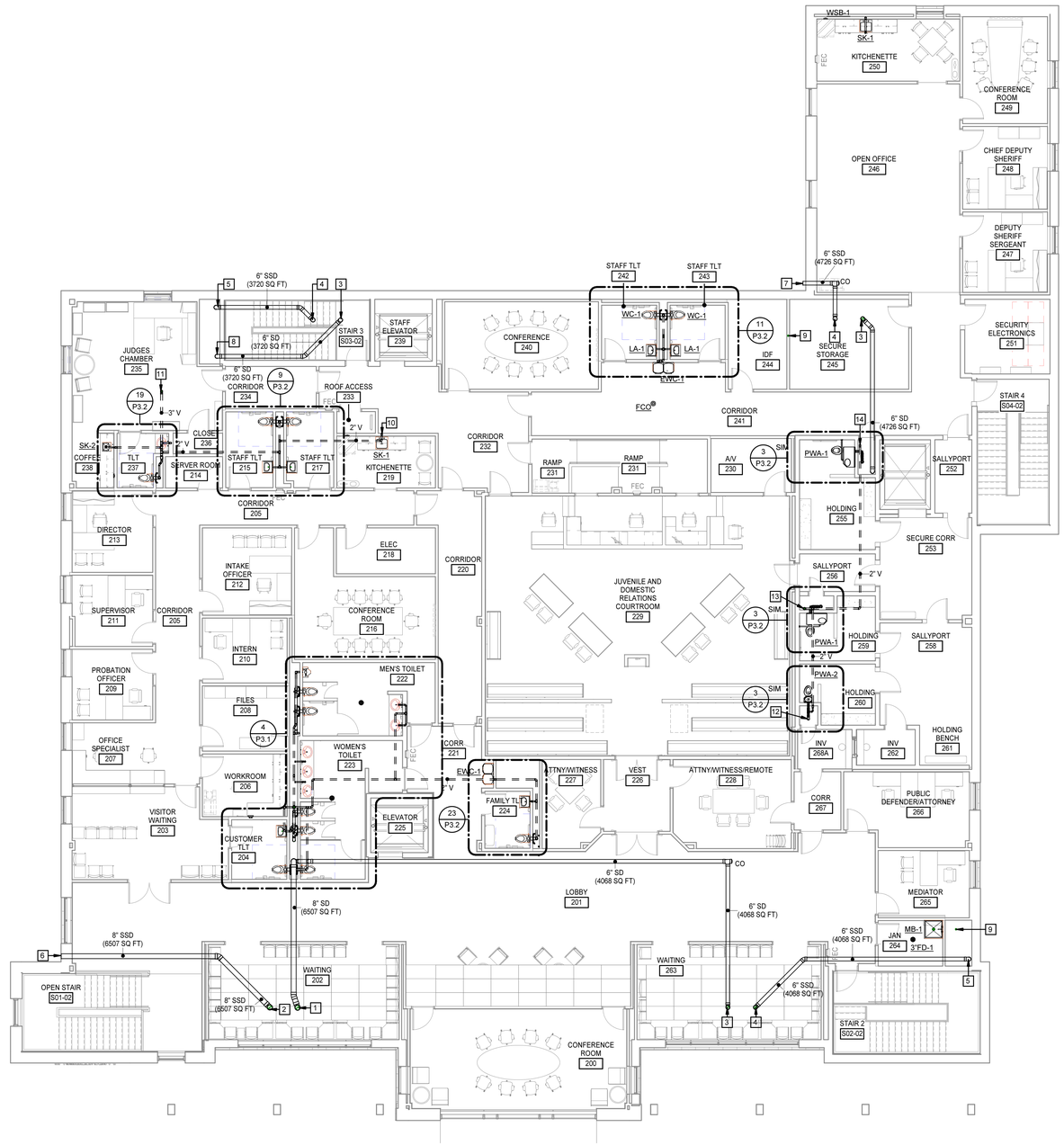
P2.3

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KEYNOTES

APPLIES TO THIS DRAWING

1	8" SD UP
2	8" SSD UP
3	6" SD UP
4	6" SSD UP
5	6" SSD DN
6	8" DSN-1 (13'-0" AFF) REFER TO SECONDARY STORM DRAIN DISCHARGE NOZZLE DETAIL ABOVE CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT.
7	6 DSN-1 (13'-6" AFF) REFER TO SECONDARY STORM DRAIN DISCHARGE NOZZLE DETAIL ABOVE CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT.
8	6" SD DN
9	2" V UP & DN
10	2" V DN & 2" SAN UP TO SINK.
11	3" V UP
12	4" SAN DN
13	3" V UP & DN
14	2" V DN



N

SECOND FLOOR PLAN - SANITARY

1/8" = 1'-0"

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SECOND FLOOR PLAN - SANITARY

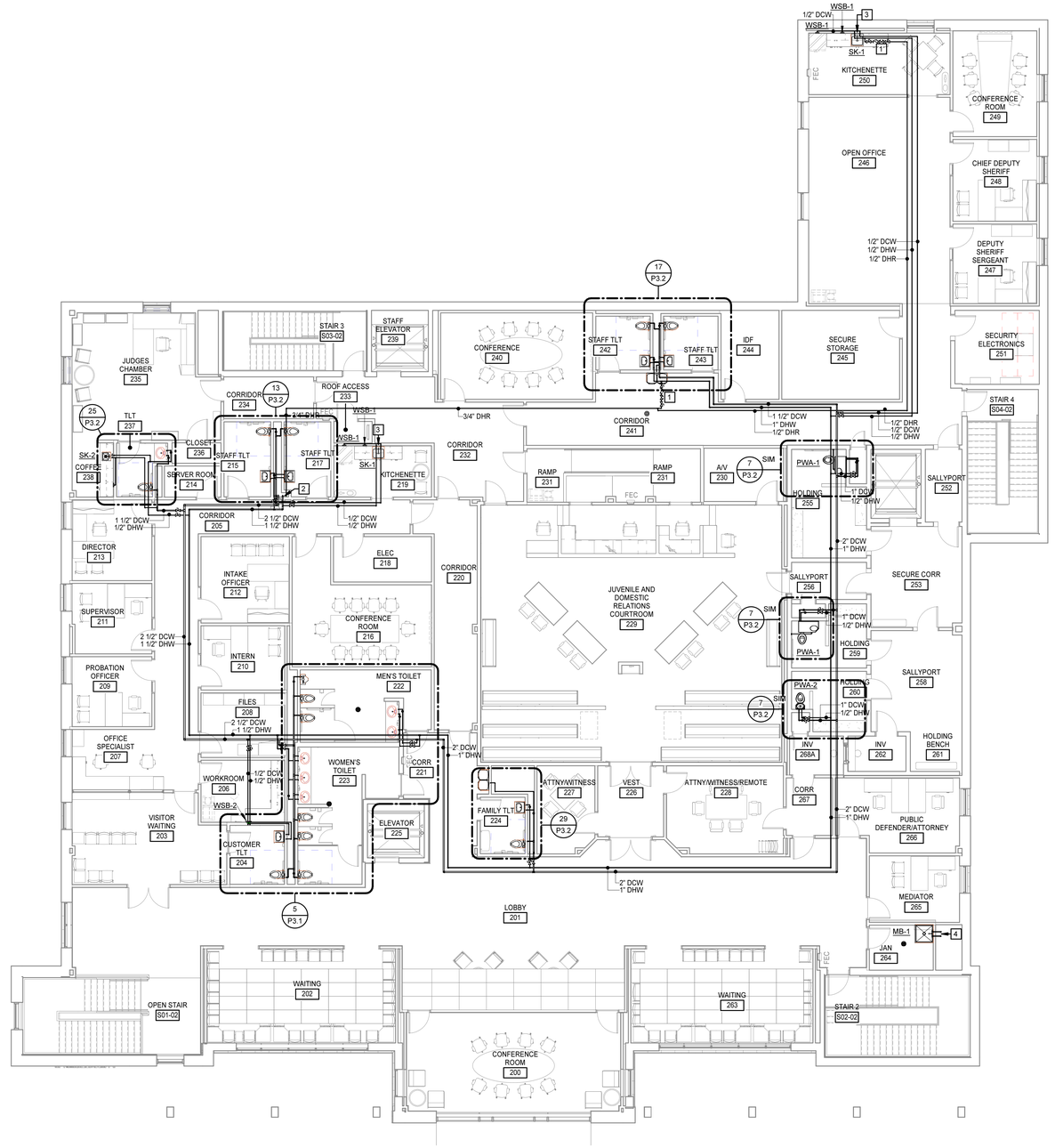
P2.4

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KEYNOTES

APPLIES TO THIS DRAWING

1. PROVIDE A THERMOSTATIC BALANCING VALVE. REFER TO HOT WATER RECIRCULATION BRANCH CONNECTION DETAIL ON SHEET P5.2.
2. 2-1/2" DCW, 1-1/2" DHW & 3/4" DHR DN
3. 1/2" DCW & 1/2" DHW DN TO SINK
4. 3/4" DCW & 3/4" DHW UP TO MOP SINK.



SECOND FLOOR PLAN - DOMESTIC

1/8" = 1'-0"

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SECOND FLOOR PLAN - DOMESTIC

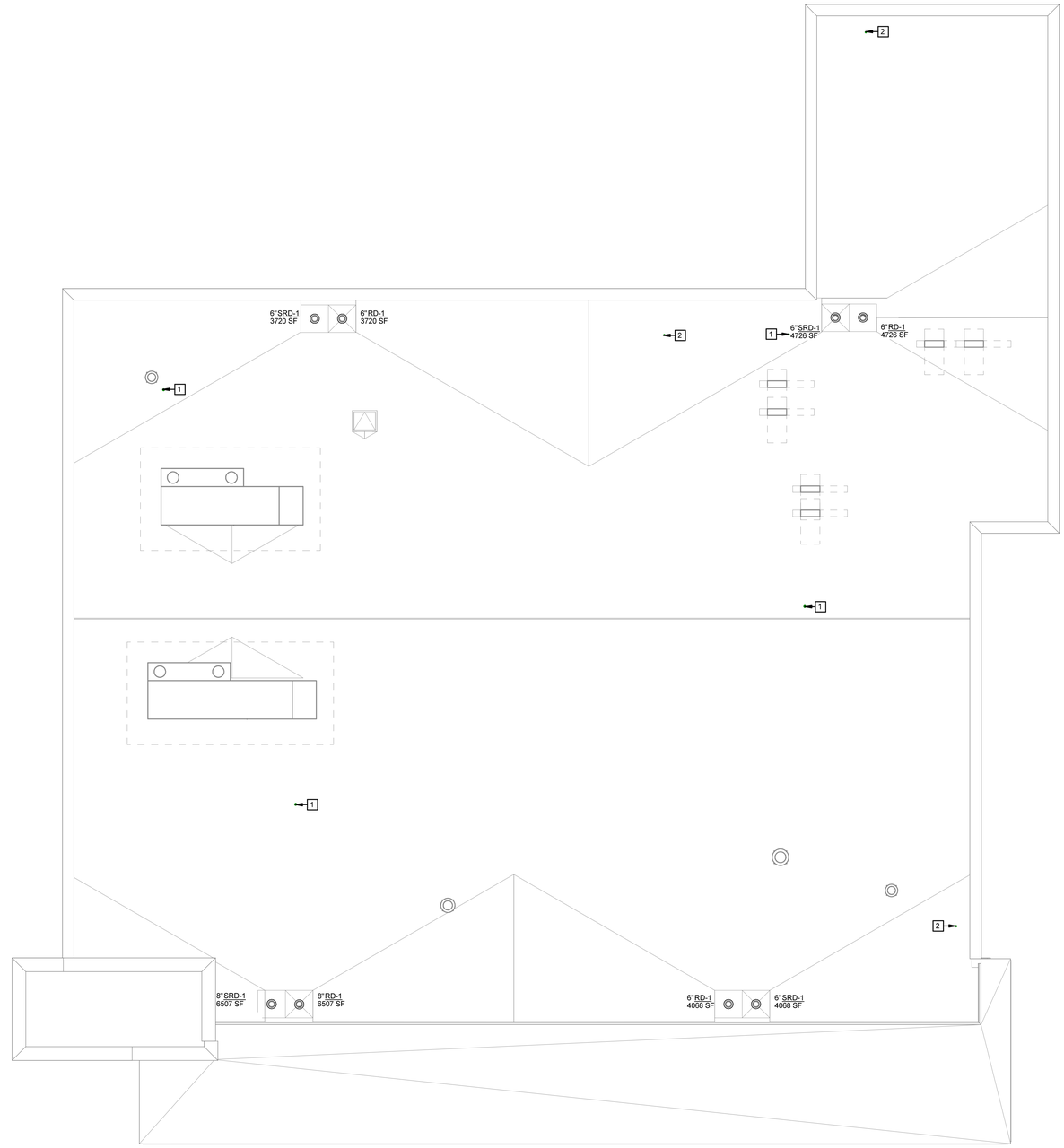
P2.5

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KEYNOTES

APPLIES TO THIS DRAWING

1	3" VTR
2	2"VTR



N

ROOF PLAN - PLUMBING

1/8" = 1'-0"

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ROOF PLAN - PLUMBING

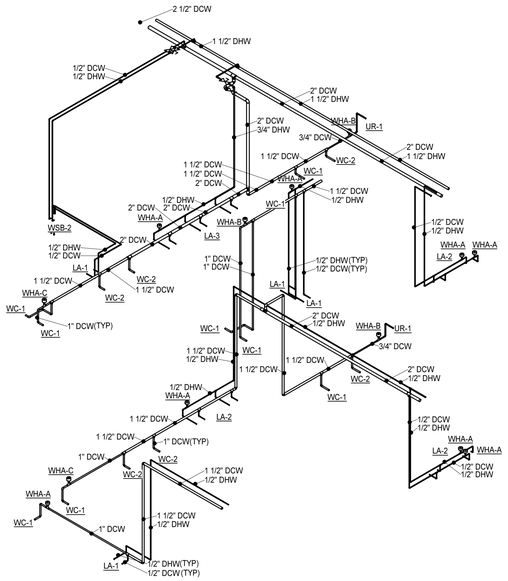
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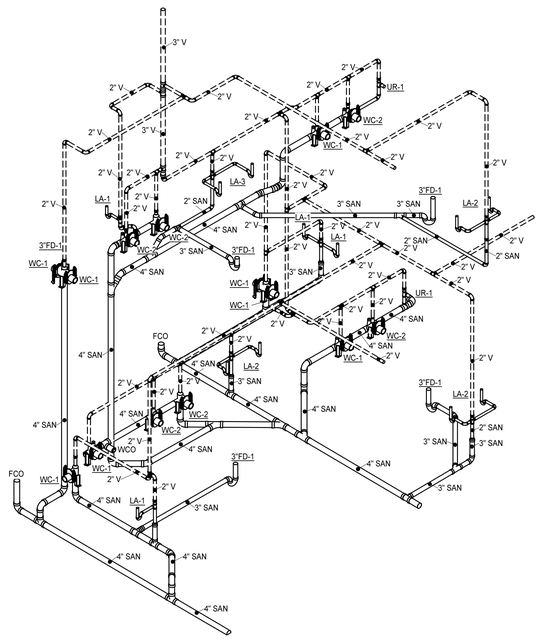
KEYNOTES

APPLIES TO THIS DRAWING

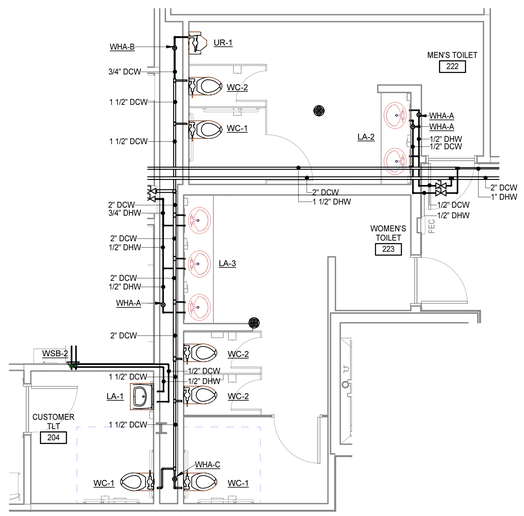
1	4" SAN UP
2	8" SD UP & DN
3	4" SAN UP & DN
4	3" SAN UP TO 3" FD-1
5	2" SAN UP
6	2" V UP
7	4" SAN DN
8	3" V UP
9	2" V DN



D6 DOMESTIC WATER RISER - TOILETS 114,115,121,122,123,204,222 & 223

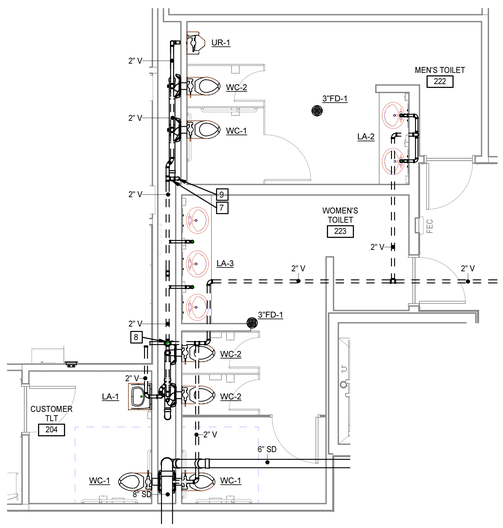


S3 SANITARY RISER - TOILETS 114,115,121,122,123,204,222 & 223



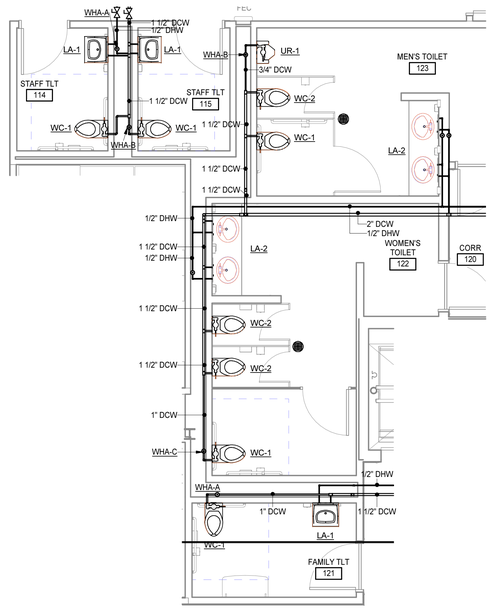
5 P2.5 | P3.1 ENLARGED DOMESTIC WATER PLAN - TLTS 204, 222 & 223

1/4" = 1'-0"



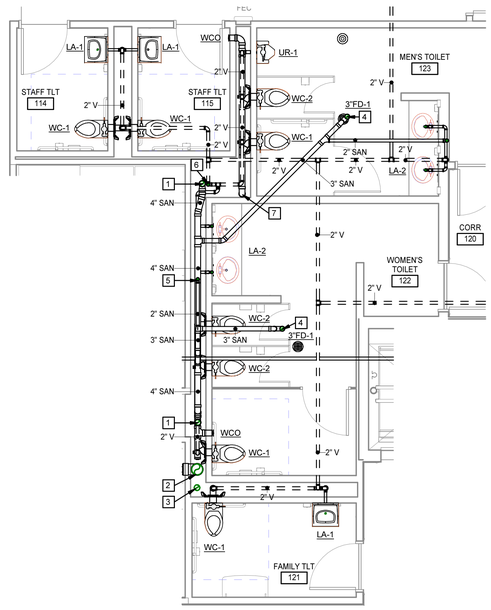
4 P2.4 | P3.1 ENLARGED SANITARY PLAN - TLTS 204, 222 & 223

1/4" = 1'-0"



2 P2.3 | P3.1 ENLARGED DOMESTIC WATER PLAN - TLTS 114,115,121, 122 & 123

1/4" = 1'-0"



1 P2.2 | P3.1 ENLARGED SANITARY - TLTS 114,115,121, 122 & 123

1/4" = 1'-0"

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ENLARGED PLANS - PLUMBING

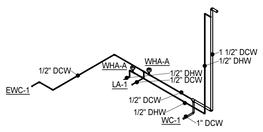
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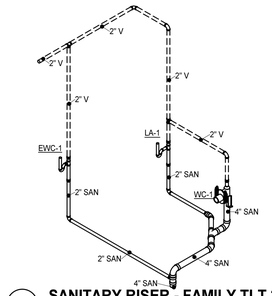
KEYNOTES

APPLIES TO THIS DRAWING

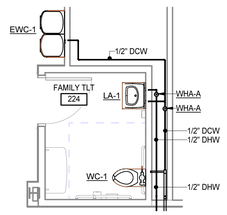
1. PROVIDE A THERMOSTATIC BALANCING VALVE. REFER TO HOT WATER RECIRCULATION BRANCH CONNECTION DETAIL ON SHEET P5.2.
2. 2" V DN
3. 2" V UP
4. 2" SAN UP TO SINK.



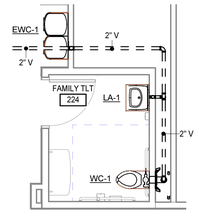
D30 DOMESTIC WATER RISER - FAMILY TLT 224



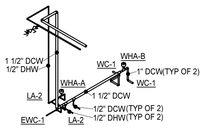
S24 SANITARY RISER - FAMILY TLT 224



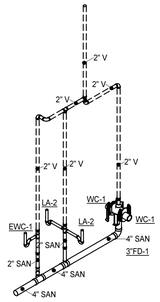
29 P2.5 P3.2 ENLARGED DOMESTIC WATER PLAN - FAMILY TLT 224
1/4" = 1'-0"



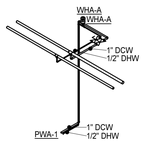
23 P2.4 P3.2 ENLARGED SANITARY PLAN - FAMILY TLT 224
1/4" = 1'-0"



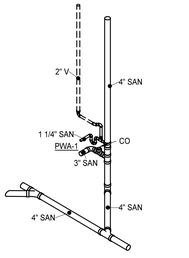
DOMESTIC WATER RISER - STAFF TLTS 242 & 243
NO SCALE



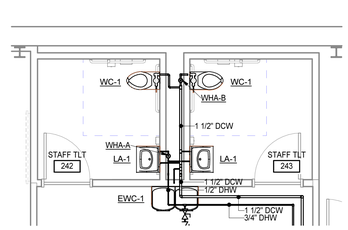
S12 SANITARY RISER - STAFF TLTS 242 & 243



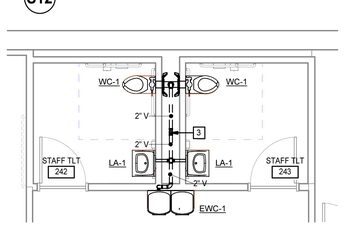
D8 DOMESTIC WATER RISER - HOLDING 158 (TYP)



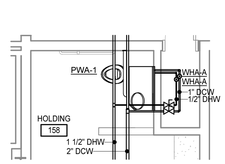
S4 SANITARY RISER - HOLDING 158 (TYP)



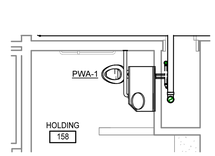
17 P2.5 P3.2 ENLARGED DOMESTIC WATER PLAN - STAFF TLTS 242 & 243
1/4" = 1'-0"



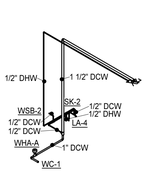
11 P2.4 P3.2 ENLARGED SANITARY PLAN - STAFF TLTS 242 & 243
1/4" = 1'-0"



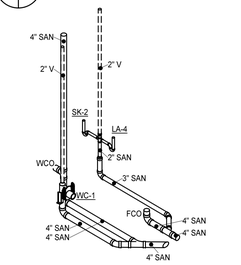
7 P2.3 P3.2 ENLARGED DOMESTIC WATER PLAN - HOLDING 158 (TYP)
1/4" = 1'-0"



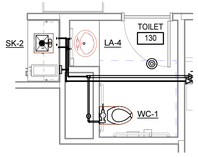
3 P2.2 P3.2 ENLARGED SANITARY PLAN - HOLDING 158 (TYP)
1/4" = 1'-0"



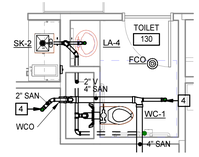
D28 DOMESTIC WATER RISER - TLT 130



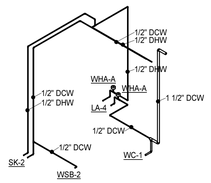
S22 SANITARY RISER - TLT 130



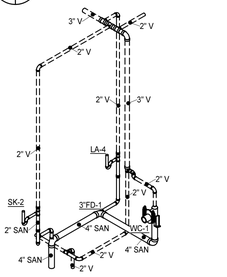
27 P2.3 P3.2 ENLARGED DOMESTIC WATER PLAN - TLT 130
1/4" = 1'-0"



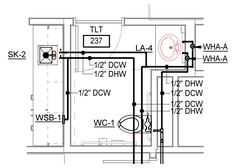
21 P2.2 P3.2 ENLARGED SANITARY PLAN - TLT 130
1/4" = 1'-0"



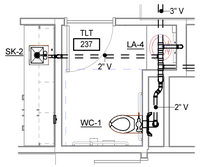
D26 DOMESTIC WATER RISER - TLT 237



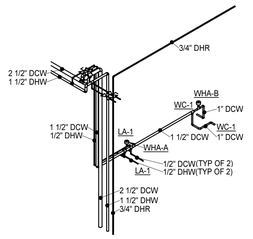
S20 SANITARY RISER - TLT 237



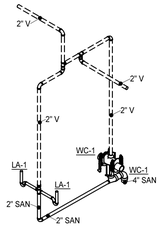
25 P2.5 P3.2 ENLARGED DOMESTIC WATER PLAN - TLT 237
1/4" = 1'-0"



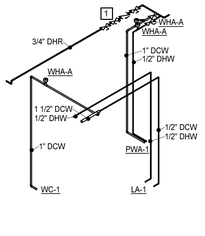
19 P2.4 P3.2 ENLARGED SANITARY PLAN - TLT 237
1/4" = 1'-0"



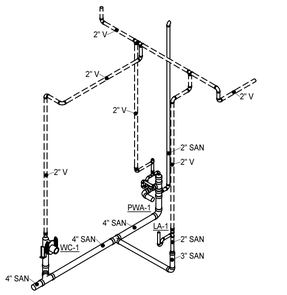
D14 DOMESTIC WATER RISER - STAFF TLTS 215 & 217



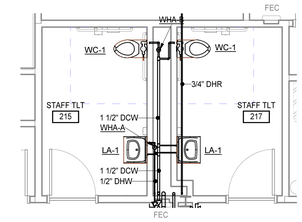
S10 SANITARY RISER - STAFF TLTS 215 & 217



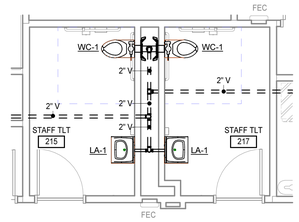
S6 DOMESTIC WATER RISER - STAFF TLT 165 & HOLD TLT 166



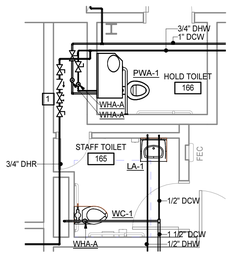
S2 SANITARY RISER - STAFF TLT 165 & HOLD TLT 166



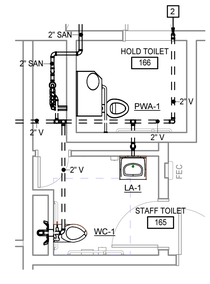
13 P2.5 P3.2 ENLARGED DOMESTIC WATER - STAFF TLTS 215 & 217
1/4" = 1'-0"



9 P2.4 P3.2 ENLARGED SANITARY PLAN - STAFF TLTS 215 & 217
1/4" = 1'-0"



5 P2.3 P3.2 ENLARGED DOMESTIC WATER PLAN - STAFF TLT 165 & HOLD TLT 166
1/4" = 1'-0"



1 P2.2 P3.2 ENLARGED SANITARY PLAN - STAFF TLT 165 & HOLD TLT 166
1/4" = 1'-0"

MOSELEYARCHITECTS
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COMMONWEALTH OF VIRGINIA
DAVID T. WHATELY
Lic. No. 052209
03/01/2024
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

ENLARGED PLANS - PLUMBING

P3.2

2/29/2024 2:09:01 PM

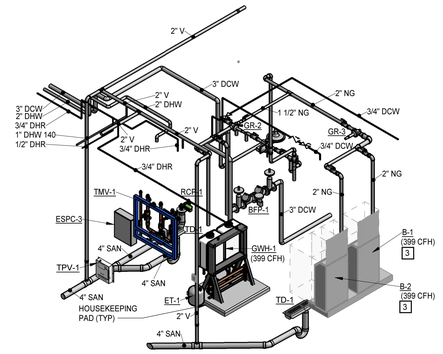
KEYNOTES

APPLIES TO THIS DRAWING

1. 3/4" DCW TO MECHANICAL EQUIPMENT MAKE UP WATER CONNECTION. PROVIDE 3/4" RPZ WITH RELIEF TO FLOOR DRAIN. REFER TO MECHANICAL DRAWING FOR CONTINUATION.
2. PIPE PRIMER CONNECTION TO TD-1.
3. REFER TO MECHANICAL DWGS.
4. 2" V DN

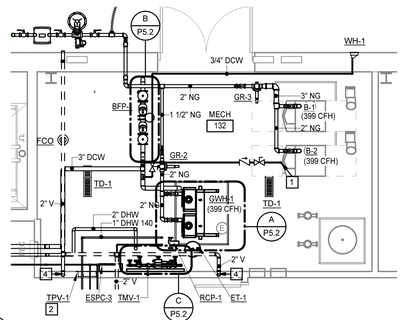
CONNECTED GAS LOAD SCHEDULE

TAG	DESCRIPTION	LOCATION	PRESSURE IN	PRESSURE OUT	INPUT (BTUH)
GR-1	SECONDARY REGULATOR	GENERATOR	2 PSI	14" WC MAX	1,874,000
GR-2	SECONDARY REGULATOR	MECHANICAL RM 132	2 PSI	14" WC MAX	398,000
GR-3	SECONDARY REGULATOR	MECHANICAL RM 132	2 PSI	14" WC MAX	800,000
				-	
B-1	MECHANICAL BOILER	MECHANICAL RM 132	14" WC MAX	-	400,000
B-2	MECHANICAL BOILER	MECHANICAL RM 132	14" WC MAX	-	400,000
GENERATOR	MECHANICAL BOILER	SEE PLAN	14" WC MAX	-	1,874,000
GWH-1	GAS WATER HEATER (DHW)	MECHANICAL RM 132	14" WC MAX	-	199,000
GWH-2	GAS WATER HEATER (DHW)	MECHANICAL RM 132	14" WC MAX	-	199,000
TOTAL CONNECTED LOAD					3,072,000



MECH 132 - RISER

NO SCALE



1 P2.2 P3.3 **ENLARGED MECH 132 - PLUMBING**

1/4" = 1'-0"

MOSELEYARCHITECTS

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2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

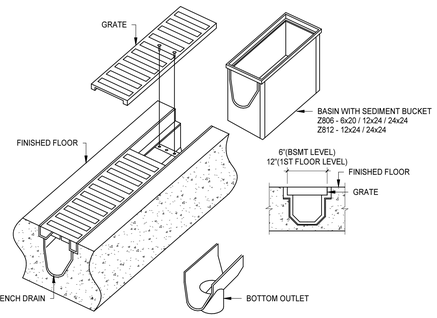
PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

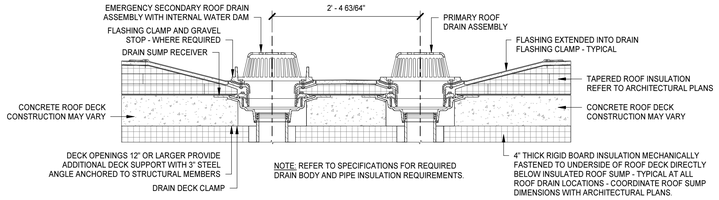
ENLARGED PLANS - PLUMBING

P3.3

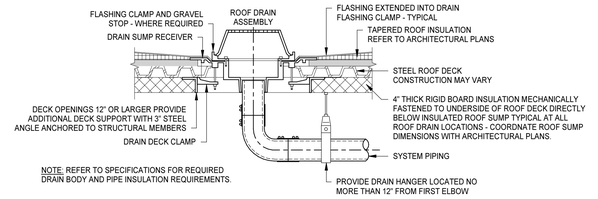
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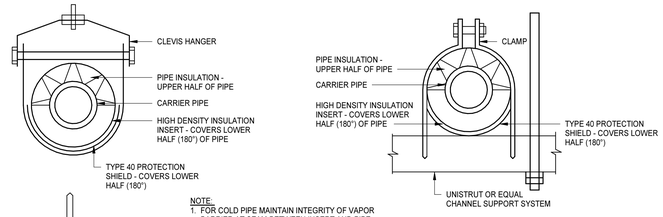
TRENCH DRAIN DETAIL
NO SCALE



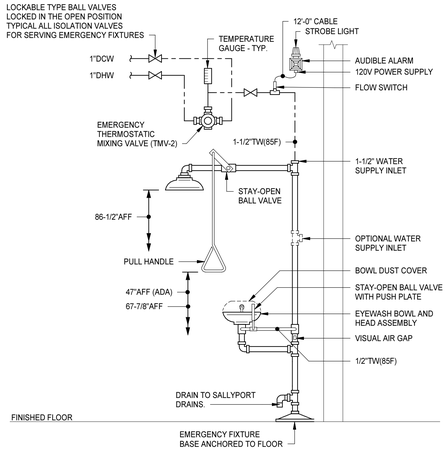
ROOF DRAIN DETAIL - PRIMARY/SECONDARY
NO SCALE



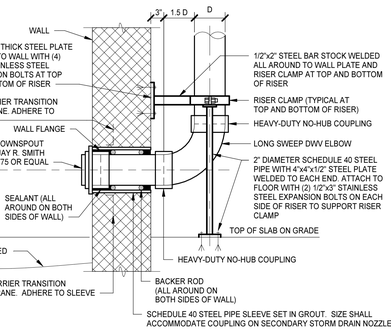
ROOF DRAIN INSULATION DETAIL
NO SCALE



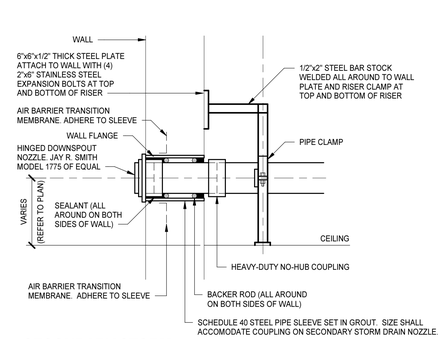
PIPE SUPPORT AND THERMAL SHIELD DETAILS
NO SCALE



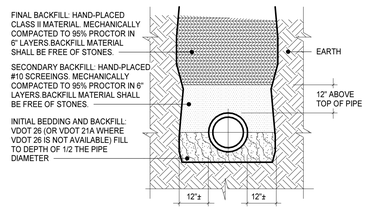
EMERGENCY COMBINATION EYEWASH/SHOWER DETAIL
NO SCALE



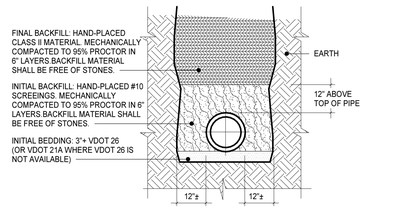
SECONDARY STORM DRAIN DISCHARGE NOZZLE DETAIL
NO SCALE



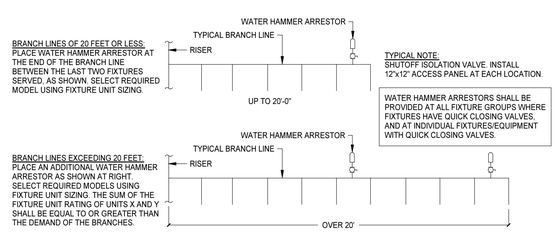
SECONDARY STORM DRAIN DISCHARGE NOZZLE DETAIL ABOVE CEILING
NO SCALE



PVC PIPE BEDDING DETAIL
NO SCALE



CAST IRON PIPE BEDDING DETAIL
NO SCALE



P.D.I. WATER HAMMER ARRESTORS						
LENGTH OF PIPE	NOMINAL PIPE DIAMETERS					
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
25'	A	A	B	C	D	E
50'	A	B	C	D	E	F
75'	B	C	D	AE	F	EF
100'	C	D	E	F	CF	FF
125'	C	D	F	AF	EF	EFF
150'	D	E	F	DF	FF	FFF

WHEN LONG RUNS OF PIPING ARE EMPLOYED TO SERVE REMOTE EQUIPMENT, WATER HAMMER ARRESTOR SHOULD BE LOCATED AS CLOSE AS POSSIBLE TO THE POINT OF QUICK CLOSURE OR HAMMER SOURCE.

THE SIZE AND QUANTITY OF WATER HAMMER ARRESTORS TO BE INSTALLED IN BRANCH LINES IS SHOWN IN TABLE. WHEN FLOR PRESSURE OF 65 PSIG TO 85 PSIG ARE USED, THE NEXT LARGER SIZE SHOULD BE SELECTED.



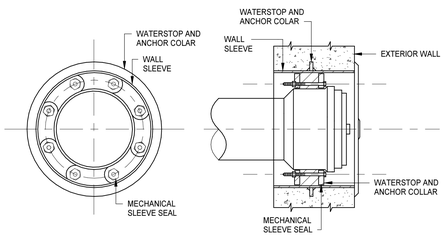
WATER HAMMER ARRESTOR CAPACITIES			
CONN. SIZE	PDI SIZE	FIXTURE UNIT CAPACITY	CUBIC INCH VOLUME
1/2"	A	1 TO 11	5
3/4"	B	12 TO 32	7
1"	C	33 TO 60	11
1"	D	61 TO 113	20
1"	E	114 TO 154	29
1"	F	155 TO 330	34

NOTE: MATCH TOTAL FIXTURE UNITS OF BRANCH LINE TO CORRECT SIZE OF WATER HAMMER ARRESTOR.

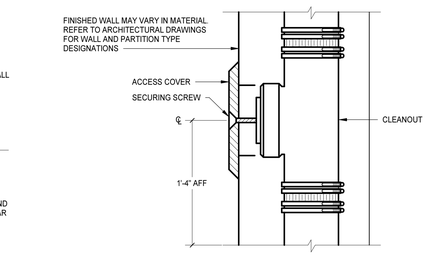
SHOCK ABSORBER SELECTION		
CODE	PDI SIZE	FIXTURE UNITS
SA-1	A	1-11
SA-2	B	12-32
SA-3	C	33-60
SA-4	D	61-113
SA-5	E	114-154
SA-6	F	155-330

SHOCK ABSORBER SELECTION TABLE

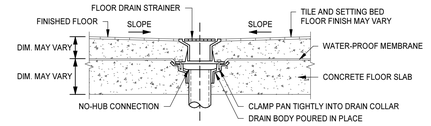
WATER HAMMER ARRESTOR INSTALLATION & SIZING DETAIL
NO SCALE



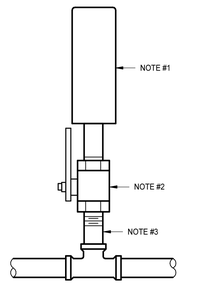
MECHANICAL SLEEVE SEAL DETAIL
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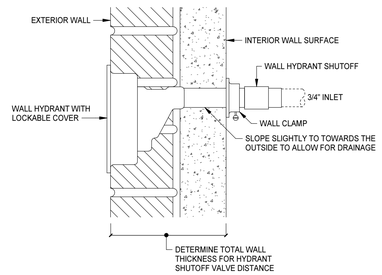
WALL CLEANOUT DETAIL
NO SCALE



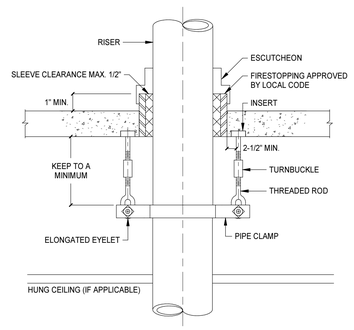
FLOOR DRAIN IN OPEN AREA DETAIL
NO SCALE



WATER HAMMER ARRESTOR DETAIL
NO SCALE



EXTERIOR WALL HYDRANT DETAIL
NO SCALE



RISER SUPPORT - EXPOSED AREAS - DETAIL
NO SCALE

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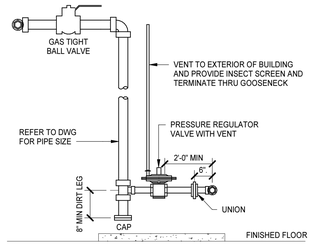
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

PLUMBING DETAILS

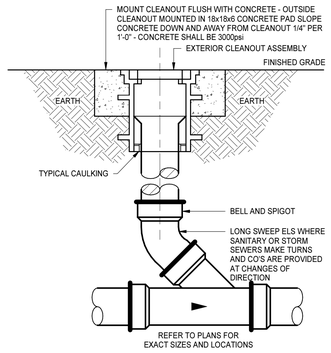
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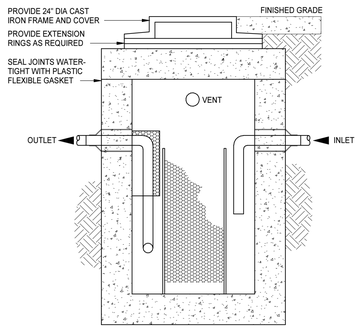


NOTES:
1. REGULATOR AND GAS PIPING FROM DIRT LEG TO EQUIPMENT SHALL BE SIZED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.
2. REGULATOR SHALL MEET EQUIPMENT MANUFACTURER PRESSURE AND FLOW REQUIREMENTS.
3. ALL REGULATOR VENTS SHALL TERMINATE A MINIMUM OF 10'-0" AWAY FROM ALL OUTSIDE AND FRESH AIR INTAKES AND OPERABLE DOORS AND WINDOWS.

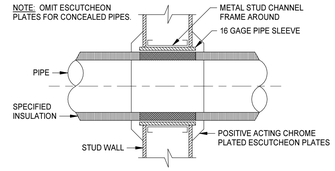
INTERIOR GAS CONNECTION DETAIL
NO SCALE



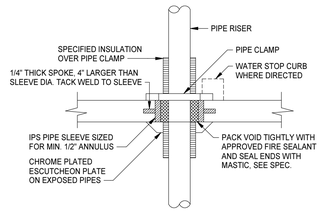
EXTERIOR YARD CLEANOUT DETAIL
NO SCALE



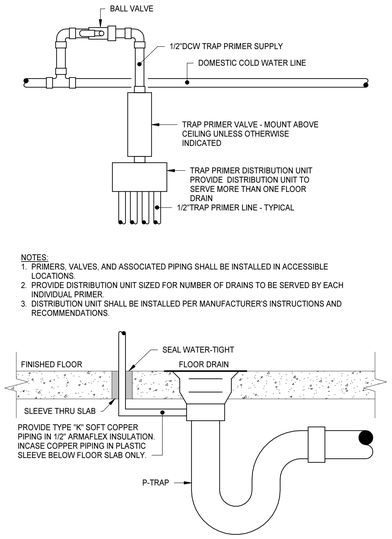
SAND-OIL SEPARATOR DETAIL
NO SCALE



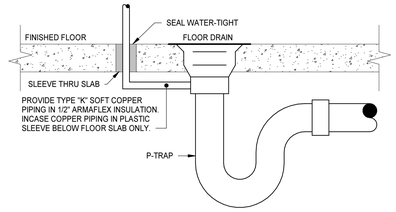
PIPE THRU STUD DETAIL
NO SCALE



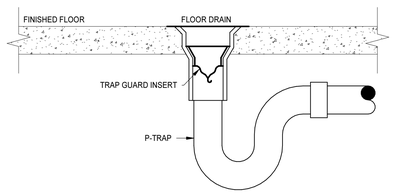
PIPE THRU FLOOR SLAB DETAIL
NO SCALE



NOTES:
1. PRIMERS, VALVES, AND ASSOCIATED PIPING SHALL BE INSTALLED IN ACCESSIBLE LOCATIONS.
2. PROVIDE DISTRIBUTION UNIT SIZED FOR NUMBER OF DRAINS TO BE SERVED BY EACH INDIVIDUAL PRIMER.
3. DISTRIBUTION UNIT SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

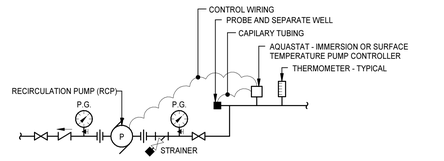


MECHANICAL PRIMER DETAIL

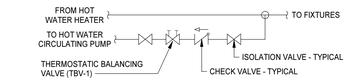


TRAP GUARD INSERT DETAIL

TRAP PRIMER ASSEMBLY DETAILS
NO SCALE



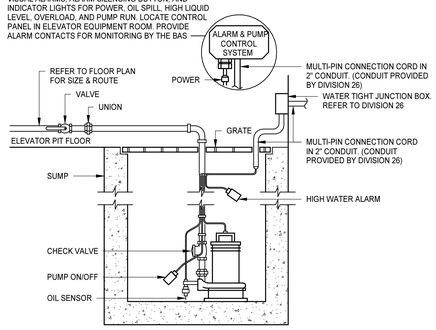
CIRCULATION PUMP DETAIL
NO SCALE



NOTE:
1. TBV-1 SHALL BE ACORN CONTROLS TZV-2 TEMPFLOW THERMOSTATIC ZONE VALVE OR APPROVEE EQUAL.
2. TBV-1 SHALL BE SET TO A MAXIMUM RETURN TEMPERATURE OF 105°F.

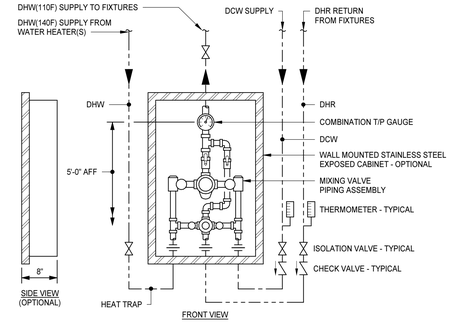
HOT WATER RECIRCULATION BRANCH CONNECTION DETAIL
NO SCALE

PROVIDE CONTROL PANEL WITH BUILT IN AUDIBLE AND VISUAL ALARMS, ALARM SILENCING BUTTON, AND INDICATOR LIGHTS FOR POWER, OIL SPILL, HIGH LIQUID LEVEL, OVERLOAD, AND PUMP RUN. LOCATE CONTROL PANEL IN ELEVATOR EQUIPMENT ROOM. PROVIDE ALARM CONTACTS FOR MONITORING BY THE BAS



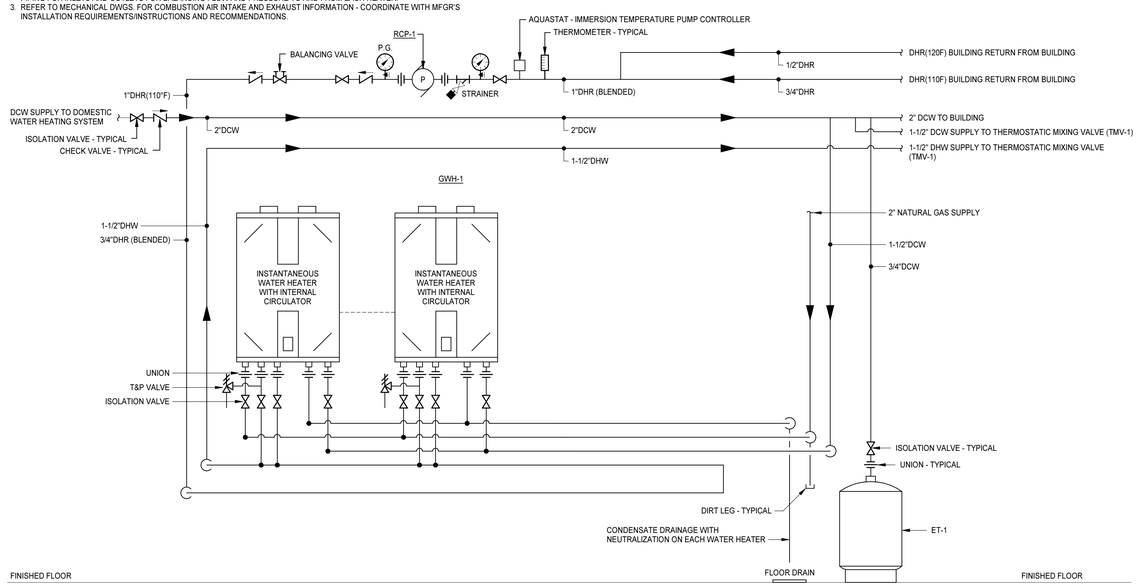
ELEVATOR SUMP PUMP DETAIL
NO SCALE

NOTE:
PROVIDE INCREASERS AND DECREASERS AS REQUIRED. PIPING ARRANGEMENTS SHALL MATCH MANUFACTURER'S RECOMMENDED PIPING METHOD.

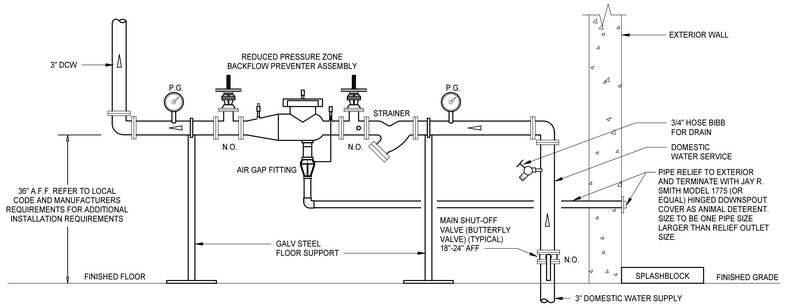


C THERMOSTATIC MIXING VALVE DETAIL
12" = 1'-0"

NOTES:
1. REFER TO GAS CONNECTION AND GAS PIPE CONNECTION DETAILS AND MANUFACTURER'S (MFGR'S) RECOMMENDATIONS FOR FINAL GAS EQUIPMENT CONNECTIONS, PRESSURE REQUIREMENTS, AND FLOW REQUIREMENTS.
2. WHERE WATER HEATERS ARE MANIFOLDED TOGETHER IN PARALLEL, REFER TO MFGR'S RECOMMENDED INSTALLATION PIPING ARRANGEMENTS AND PROVIDE PERCISION CUT EQUAL LEG PIPING. REVERSE RETURN MANIFOLD, OR MFGR'S MANIFOLD PIPING FOR INLETS AND OUTLETS FOR BALANCING FLOW AND PRESSURE TO AND FROM EACH HEATER.
3. REFER TO MECHANICAL DWGS. FOR COMBUSTION AIR INTAKE AND EXHAUST INFORMATION - COORDINATE WITH MFGR'S INSTALLATION REQUIREMENTS/INSTRUCTIONS AND RECOMMENDATIONS.



A INSTANTANEOUS GAS WATER HEATER DETAIL
12" = 1'-0"



B WATER SERVICE ENTRANCE DETAIL
12" = 1'-0"

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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

PLUMBING DETAILS

P5.2

2/29/2024 2:09:07 PM

PUMP SCHEDULE

TAG	BASIS OF DESIGN		LOCATION	SYSTEM TYPE	PUMP TYPE	OPERATING DATA					ELECTRICAL DATA			CONNECTION SIZE		NOTES
	MANUFACTURER	MODEL				FLOW (GPM)	PRESSURE (FT)	EFFICIENCY	POWER (HP)	SPEED (RPM)	VOLTS	PHASE	HERTZ	INLET (IN)	OUTLET (IN)	
ESP-1	STANCOR	SV-100	ELEVATOR 119	ELEVATOR SUMP PUMP	SUMP	50	35	47%	1	3450	208	1	60	2"	2"	2
ESP-2	STANCOR	SV-100	SECURE ELEVATOR 160	ELEVATOR SUMP PUMP	SUMP	50	35	47%	1	3450	208	1	60	2"	2"	2
ESP-3	STANCOR	SV-100	STAFF ELEVATOR 131	ELEVATOR SUMP PUMP	SUMP	50	35	47%	1	3450	208	1	60	2"	2"	2
RCP-1	GRUNDFOS	MAGNA3 40-80 F	MECHANICAL RM 132	DHW RECIRCULATION	CIRCULATION	10	15	74%	0.045	2594	120	1	60	1"	1"	1

NOTES:

1. PROVIDE ECM-CONTROLLED RECIRCULATION PUMP WITH INTEGRAL TEMPERATURE AND PRESSURE SENSORS AND LOGIC. UNIT SHALL BE FULLY ADJUSTABLE FOR VARYING FIELD CONDITIONS.
2. PROVIDE OIL-SENSING ELEVATOR SUMP PUMP IN ELEVATOR SUMP PIT WITH AUDIBLE AND VISUAL ALARMS, REMOTE PANEL, AND LINKED TO BAS; MINIMUM FLOW SHALL BE 50GPM PER ELEVATOR CAR/CAB.

GAS TANKLESS WATER HEATER SCHEDULE

TAG	MANUFACTURER	MODEL	LOCATION	CAPACITY (GALLONS)	RECOVERY RATE (GPM)	TEMPERATURE RISE (°F)	TEMPERATURE SETTING (°F)	FUEL DATA			ELECTRICAL DATA		
								TYPE	INPUT RATE (BTUH)	MAX. INLET PRESSURE (INCHES W.C.)	VOLTAGE	PHASE	HERTZ
GWH-1	NAVIEN	2 OF NPE - 240 A2	MECHANICAL RM 132	0	14	90	130	NATURAL GAS	399,000	14	120	1	60

NOTES:

A. RACK MOUNTED SYSTEM OF TWO NPE240A UNITS.
B. PROVIDE COMPLETE MANIFOLD KIT. REFER TO MANUFACTURER'S INSTALLATION REQUIREMENTS AND RECOMMENDATIONS.

TANK SCHEDULE

TAG	BASIS OF DESIGN		LOCATION	SYSTEM TYPE	TANK TYPE	OPERATING DATA			ASME CODE CONSTRUCTION (YES / NO)	CONNECTION SIZE	
	MANUFACTURER	MODEL				CAPACITY (GAL)	ACCEPTANCE (GAL)	AIR PRE-CHARGE PRESSURE (PSI)		INLET (IN)	OUTLET (IN)
ET-1	AMTROL	ST-12-C	MECHANICAL RM 132	DHW	EXPANSION	6.4	3.2	55	YES	3/4"	3/4"

NOTES:

A. REFER TO MANUFACTURERS RECOMMENDATIONS FOR FINAL PIPING ARRANGEMENT. PROVIDE EQUAL LEG PIPING FOR INLETS AND OUTLETS OF MANIFOLDED STORAGE TANKS TO PROVIDE EVEN DISTRIBUTION AND DRAWOFF.
B. HYDRO-PNEUMATIC TANK BASED ON MINIMUM PUMP OPERATING FLOW OF 13.00 GPM, 75 PSIG CUT-OUT, 65 PSIG CUT-IN, 65 PSIG AIR PRECHARGE PRESSURE, 3.00 MINUTE MINIMUM RUNTIME, AND DRAWDOWN FACTOR OF 0.111. VERIFY FINAL REQUIRED HYDRO-PNEUMATIC TANK VOLUME WITH FINAL PACKAGED PUMP SELECTION AND PERFORMANCE CHARATERISTICS.

THERMOSTATIC MIXING VALVE SCHEDULE

TAG	MANUFACTURER	MODEL	DESIGN FLOW (GPM)	FLOW RANGE (GPM)	MAX P.D. AT DESIGN FLOW (PSI)	HW SYSTEM TEMPERATURES		CONNECTION SIZE		NOTES
						INLET (°F)	OUTLET (°F)	INLET (IN)	OUTLET (IN)	
TMV-1	ACORN CONTROLS	CSMV-4	22	3.0 - 150	10	130	108	1 1/4"	1 1/4"	3
TMV-2	ACORN CONTROLS	ET71-1	3.0/10.0	0.5 - 12.0	10	108	85	1/2"	1/2"	1, 2

NOTES:

1. PROVIDE THERMOSTATIC MIXING VALVE ASSEMBLY WITH STAINLESS STEEL WALL-MOUNTED CABINET WITH VIEWPORT AND T/P GAUGES ON INLETS AND OUTLET.
2. DESIGN FLOW AND PRESSURE DROP ON 5.1 GPM EYE/FACE WASH AND 22 GPM SHOWER ASSEMBLY.
3. VALVE SHALL BE ASSE 1071 LISTED DEVICE.

BACKFLOW PREVENTER SCHEDULE

TAG	BASIS OF DESIGN		LOCATION	SYSTEM	SIZE	DESIGN FLOW RATE (GPM)	PRESSURE DROP (PSI)
	MANUFACTURER	MODEL					
BFP-1	WATTS	LF909-OSY-S-FDA	MECH 132	DCW	3"	127	13.00

NOTES:

A. PROVIDE WITH WATTS MODEL 909 AG SERIES AIR GAP FITTINGS.

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	HEIGHT A.F.F.	PIPE SIZE					NOTES
			COLD WATER	TEPID WATER	HOT WATER	VENT	SOIL WASTE	
EEWS-1	EMERGENCY COMBINATION EYEWASH/SHOWER (ACCESSBILE)	SPRAYHEADS AT 36"		1 1/2"		1 1/4"	1 1/4"	1,3
EWC-1	BI-LEVEL WATER COOLER (ACCESSIBLE)	TOP OF BUBBLER AT 39", LOWER AT 34"	1/2"			1 1/2"	1 1/2"	1
LA-1	WALL-HUNG LAVATORY (ACCESSIBLE) WITH MANUALLY-OPERATED FAUCET	RIM AT 34"	1/2"		1/2"	1 1/2"	1 1/2"	1
LA-2	WALL-HUNG DOUBLE LAVATORY (ACCESSIBLE) WITH MANUALLY-OPERATED FAUCET	RIM AT 34"	1/2"		1/2"	1 1/2"	1 1/2"	1
LA-3	WALL-HUNG TRIPLE LAVATORY (ACCESSIBLE) WITH MANUALLY-OPERATED FAUCET	RIM AT 34"	1/2"		1/2"	1 1/2"	1 1/2"	1
LA-4	UNDER MOUNTED LAVATORY (ACCESSIBLE) WITH MANUALLY-OPERATED FAUCET	COUNTER MOUNTED REFER TO ARCH DRAWINGS	1/2"		1/2"	1 1/2"	1 1/2"	1
MB-1	MOP BASIN (32" x 32")	RIM AT 12"	3/4"		3/4"	2"	3"	
SK-1	SINK - SINGLE BASIN (ACCESSIBLE)	COUNTER MOUNTED REFER TO ARCH DWGS	1/2"		1/2"	1 1/2"	1 1/2"	1
SK-2	SINK - BAR (ACCESSIBLE)	COUNTER MOUNTED REFER TO ARCH DWGS	1/2"		1/2"	1 1/2"	1 1/2"	1
UR-1	URINAL (ACCESSIBLE)	RIM AT 17"	3/4"			2"	2"	1, 2
WC-1	WALL HUNG WATER CLOSET (ACCESSIBLE)	TOP OF SEAT 17"	1"			2"	4"	1,2
WC-2	WALL HUNG WATER CLOSET	TOP OF SEAT 15"	1"			2"	4"	2
WH-1	WALL HYDRANT	CENTERLINE OF OUTLET AT 18"	3/4"					
WSB-1	SUPPLY OUTLET BOX	CENTERLINE OF OUTLET AT 2'-8" AFF	1/2"					
WSB-2	LAVATORY SUPPLY BOX	ABOVE COUNTER AT 3'-6" AFF	1/2"		1/2"			

NOTES:

1. THIS ACCESSIBLE FIXTURE, ACCESSORIES, AND INSTALLATION SHALL CONFORM TO THE USBC AND ASAD ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. LOCATE FLUSH ACTUATORS ON WIDE SIDE OF STALLS OR APPROACH AREAS.
3. PROVIDE ASSE-1071 CERTIFIED EMERGENCY MIXING VALVE (TMV-2) IN STAINLESS STEEL WALL CABINET BELOW FIXTURE. REFER TO DETAIL ON DRAWING P5.1.
4. PROVIDE WATTS LF7 OR EQUIVALENT ASSE-1024 CERTIFIED DUAL CHECK VALVE.

SECURITY PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	HEIGHT A.F.F.	PIPE SIZE					NOTES
			COLD WATER	TEPID WATER	HOT WATER	VENT	SOIL WASTE	
PWA-1	WALL MOUNTED STRAIGHT SECURITY COMBI-UNIT FIXTURE (ACCESSIBLE)	TOP OF SEAT 17" - 19"	1"		1/2"	2"	3"	1,2
PWA-2	WALL MOUNTED STRAIGHT SECURITY COMBI-UNIT FIXTURE	TOP OF SEAT 15"	1"		1/2"	2"	3"	2

NOTES:

1. THIS ACCESSIBLE FIXTURE, ACCESSORIES, AND INSTALLATION SHALL CONFORM TO ANSI A117.1 ACCESSIBLE, THE USBC AND ASAD ADA STANDARDS FOR ACCESSIBLE DESIGN.
2. PROVIDE PNEUMATIC CONCEALED ACCESSBLE PUSH-BUTTON WATER CLOSET FLUSH VALVE. PROVIDE WHA-A FOR EACH CELL FIXTURE.

TRAP PRIMER SCHEDULE

TAG	BASIS OF DESIGN		ACTIVATION METHOD	QUANTITY OF TRAP SERVED	NOTES
	MANUFACTURER	MODEL			
TPV-1	PPP INC.	PTS SERIES	ELECTRONIC	4-10	1

1. PROVIDE NUMBER OF MANIFOLD OUTLETS ON PRIMER ASSEMBLY EQUAL TO NUMBER OF TRAPS SERVED BY UNIT AS INDICATED. COORDINATE WITH DIVISION 26 FOR POWER CONNECTION.

INTERCEPTOR AND SEPARATOR SCHEDULE

TAG	BASE OF DESIGN		LOCATION	OPERATING DATA		CONNECTION SIZE
	MANUFACTURER	MODEL		SLUDGE CAPACITY (LBS)	FLOW (GPM)	OUTLET (IN)
IS-1	ZURN	Z1189	VEHICLE SALLY PORT 168	12	106	2"
IS-2	ZURN	Z1189	VEHICLE SALLY PORT 168	12	106	2"

NOTES:

A. PROVIDE INTERCEPTOR WITH CONCRETE ANCHORING PAD, DEADMAN ANCHORS, OR MANUFACTURER RECOMMENDED ANCHORING METHOD AND ALL ASSOCIATED INSTALLATION ACCESSORIES.
B. PROVIDE INTERCEPTOR WITH CONCRETE RELIEVING SLAB AND TRAFFIC-RATED COVERS AND ACCESSORIES FOR INSTALLATIONS SUBJECT TO VEHICULAR TRAFFIC.

DRAIN AND CLEANOUT SCHEDULE

TAG	BASIS OF DESIGN		STRAINER/GRATE	NOTES
	MANUFACTURER	MODEL		
3"FD-1	JOSAM	30000-6S-2-PD-VP-X	6" x 6"	2, 3
FCO	JOSAM	55000-SS-SD-41-VP-Z	FLOOR CLEANOUT	3
GCO	JOSAM	55000-SS-SD-41-VP-Z	GROUND CLEANOUT	3
RD-1	JOSAM	21500-AE-3-22-VP	13" ROUND	3
SRD-1	JOSAM	21500-AE-3-16-Z2-VP	13" ROUND	1, 3
TD-1	JOSAM	76004-7	24" x 6"	4
WCO	JOSAM	58910	WALL CLEANOUT	

NOTES:

1. PROVIDE EMERGENCY SECONDARY DRAIN WITH 2" INTEGRAL WATER DAM.
2. PROVIDE ALL FLOOR DRAINS CONNECTED TO SANITARY SEWER WITH TRAP GUARD INSERTS UNLESS OTHERWISE INDICATED TO CONNECT TO TPV-1.
3. PROVIDE ALL ROOF DRAINS, SANITARY DRAINS AND CLEANOUTS WITH ADJUSTABLE HEIGHT TOP.
4. PROVIDE TRAP PRIMER CONNECTION AND EXTENSION, SEE DETAIL.

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PROJECT NO: 630874
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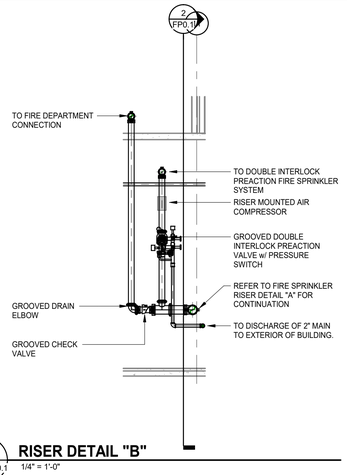
REVISIONS:

DATE	DESCRIPTION

SCHEDULES

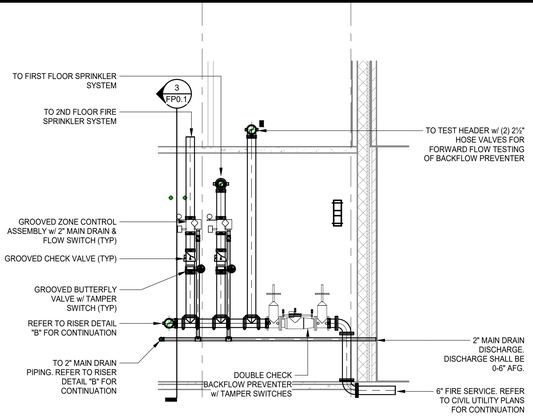
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3 FP0.1 FP0.1 **RISER DETAIL "B"**

1/4" = 1'-0"



2 FP0.1 FP0.1 **RISER DETAIL "A"**

1/4" = 1'-0"

ABBREVIATIONS

@	AT
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
BLDG	BUILDING
CL	CENTERLINE
CLG	CEILING
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUATION
CORR	CORRIDOR
CR	CLASSROOM
CU	CUBIC
CU FT	CUBIC FEET
DCW	DOMESTIC COLD WATER
DEG	DEGREE(S)
DEMO	DEMOLISH OR DEMOLITION
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DN	DOWN
DP	DRY PIPE
DS	DOWNSPOUT
DTL	DETAIL
DWG	DRAWING
E	EAST
EGSH	ELECTRIC CEILING HEATER
EF	EXHAUST FAN
EH-1	EXTRA HAZARD GROUP 1
EH-2	EXTRA HAZARD GROUP 2
ELEC	ELECTRICAL
EQ	EQUAL
EQUIP	EQUIPMENT
ET	EXPANSION TANK
ETR	EXISTING TO REMAIN
EWH	ELECTRIC WATER HEATER
EX	EXISTING
EXP	EXPANSION
F	FARENHEIT
FD	FIRE DAMPER
FDC	FIRE DEPARTMENT CONNECTION
FG	FINISHED GRADE
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FHS	FIRE HOSE STATION
FHVC	FIRE HOSE VALVE CABINET
FLR	FLOOR
FP	FIRE PROTECTION
FT	FOOT OR FEET
FVC	FIRE VALVE CABINET
GAL	GALLON(S)
GPM	GALLONS PER MINUTE
GUH	GAS-FIRED UNIT HEATER
HB	HOSE BIB
HD	HEAD
HORIZ	HORIZONTAL
HP	HORSEPOWER
HW	HOT WATER
ID	INSIDE DIAMETER
IN	INCH
INSUL	INSULATE OR INSULATION
JAN	JANITOR
KIT	KITCHEN
KW	KILOWATT(S)
LAB	LABORATORY
LAV	LAVATORY
LBS	POUNDS
LF	LINEAR FOOT (FEET)
LH	LIGHT HAZARD
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
N	NORTH
NA	NOT APPLICABLE/AVAILABLE
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NO. OR #	NUMBER
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
OFF	OFFICE
OH-1	ORDINARY HAZARD GROUP 1
OH-2	ORDINARY HAZARD GROUP 2
P	PUMP
PC	PRECAST
PIV	POST INDICATOR VALVE
POLY	POLYETHYLENE
PREFAB	PREFABRICATE(D)
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PSIG	POUNDS PER SQUARE INCH GAUGE
PVC	POLYVINYL CHLORIDE
R	RISER
REF	REFERENCE
REQ	REQUIRED
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
S	SOUTH
SAN	SANITARY
SCH	SCHEDULE
SD	SMOKE DAMPER
SHT	SHEET
SIM	SIMILAR
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SPR	SPRINKLER
SQ	SQUARE
STD	STANDARD
STL	STEEL
STOR	STORAGE
SW	SWITCH
T	TEMPERATURE
THK	THICK(NESS)
TLT	TOILET
TOSL	TOP OF SLAB
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UI	UNLESS UNDICATED
UNO	UNLESS NOTED (INDICATED) OTHERWISE
V	VOLTS
VERT	VERTICAL
VIF	VERIFY IN FIELD
W	WEST
W/	WITH
W/O	WITHOUT
WH	WATER HEATER

GRAPHICS SYMBOLS LEGEND

- VALVE
- GATE VALVE
- VALVE IN RISER
- CHECK VALVE
- SOLENOID VALVE
- FLOW SWITCH
- PRESSURE REDUCING VALVE
- DOUBLE CHECK BACKFLOW PREVENTER
- F — FIRE PROTECTION WET SPRINKLER PIPING
- DP — FIRE PROTECTION DRY SPRINKLER PIPING
- FG — FIRE EXTINGUISHING GAS PIPING
- FIRE PROTECTION DRY SPRINKLER PIPING
- UNION
- PRESSURE GAUGE WITH GAUGE COCK
- PIPE TURNED DOWN
- PIPE TURNED UP
- PIPE TEE UP
- PIPE TEE DOWN
- PIPE CAP
- 1/8"/FT — PITCH PIPE DOWN IN DIRECTION OF ARROW AT INDICATED SLOPE
- FLOW IN DIRECTION OF ARROW
- CONCENTRIC PIPE REDUCTION
- ECCENTRIC PIPE REDUCTION
- PUMP
- FIRE DEPARTMENT CONNECTION
- PENDANT SPRINKLER HEAD
- CONCEALED PENDANT SPRINKLER HEAD
- UPRIGHT SPRINKLER HEAD
- HYDRAULIC NODE

- INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF HEADS IS BASED ON LIGHT HAZARD CLASSIFICATION PROVIDING A DENSITY OF 0.10 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET.
- INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF HEADS IS BASED ON ORDINARY HAZARD GROUP 1 CLASSIFICATION PROVIDING A DENSITY OF 0.15 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET.
- INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF HEADS IS BASED ON ORDINARY HAZARD GROUP 2 CLASSIFICATION PROVIDING A DENSITY OF 0.20 GPM PER SQUARE FOOT OVER 1500 SQUARE FEET.
- INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF DRY SPRINKLER HEADS IS BASED ON ORDINARY HAZARD GROUP 2 CLASSIFICATION PROVIDING A DENSITY OF 0.20GPM PER SQUARE FOOT OVER 1500 SQUARE FEET.
- INDICATES AREAS OF THE BUILDING THAT WILL REQUIRE ORDINARY HAZARD GROUP 1 PRE-ACTION PROTECTION, BRANCHING FROM THE LINE THAT SERVES THE AREA.
- INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF HEADS IS BASED ON EXTRA HAZARD GROUP 1 CLASSIFICATION PROVIDING A DENSITY OF 0.30 GPM PER SQUARE FOOT OVER 2500 SQUARE FEET.
- INDICATES AREAS OF THE BUILDING IN WHICH THE SPACING OF HEADS IS BASED ON EXTRA HAZARD GROUP 2 CLASSIFICATION PROVIDING A DENSITY OF 0.40 GPM PER SQUARE FOOT OVER 2500 SQUARE FEET.

- POINT OF CONNECTION TO EXISTING
- LIMIT OF DEMOLITION
- 30 — KEYNOTE
- A123 — **SPACE IDENTIFICATION TAG**: SPACE NUMBER; BUILDING AREA (WHEN USED)
- AHU-02 — **EQUIPMENT IDENTIFICATION TAG**: EQUIPMENT NUMBER; UNIT DESIGNATION
- 8 — STRUCTURAL GRID LINE WITH DESIGNATION
- **SECTION WHERE CUT**: A / M6.1 — SECTION LETTER; DRAWING WHERE SECTION IS INDICATED
- **ENLARGED PLAN WHERE CUT**: 1 / M2.5 — ENLARGED PLAN NUMBER; DRAWING WHERE ENALRGED PLAN IS INDICATED
- **DETAIL TAG**: 1 / M4.1 — DETAIL NUMBER; DRAWING WHERE DETAIL IS INDICATED

1 **DETAIL TITLE** — 1/4"=1'-0"
M2.2 | M4.1 | M2.3 | M2.4
- DETAIL NUMBER
- DRAWING WHERE DETAIL IS INDICATED
- DRAWING WHERE DETAIL IS CUT
- ADDITIONAL DRAWING REFERENCES

A **SECTION TITLE** — 1/4"=1'-0"
M2.2 | M3.1 | M2.3 | M2.4
- SECTION LETTER
- DRAWING WHERE SECTION IS INDICATED
- DRAWING WHERE SECTION IS CUT
- ADDITIONAL DRAWING REFERENCES

GENERAL NOTES

THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

COORDINATE THE LOCATION OF ALL SPRINKLER PIPING WITH THE WORK OF OTHER TRADES. SPRINKLER PIPING SHALL NOT BE INSTALLED WHERE ITS LOCATION INHIBITS ACCESS TO EQUIPMENT ABOVE THE CEILING, FILTER ACCESS OR INFRINGES UPON CLEARANCES DICTATED BY THE NATIONAL ELECTRIC CODE.

VERIFY DIMENSIONS AND ROUTING IN FIELD BEFORE FABRICATION OF PIPING AND FIXTURES.

REFER TO THE LIFE SAFETY PLAN FOR LOCATIONS OF FIRE AND SMOKE SEPARATION ASSEMBLIES.

REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND MAXIMUM SPACING REQUIREMENTS REGARDING HANGER ATTACHMENTS TO STEEL BAR JOISTS.

PROVIDE A COMPLETE WET PIPE SPRINKLER SYSTEM THROUGHOUT THE BUILDING IN ACCORDANCE WITH 2018 VIRGINIA BUILDING CODE, 2016 NFPA 13 AND ALL OTHER REQUIREMENTS SET FORTH BY LOCAL AUTHORITY HAVING JURISDICTION. INSTALLATION DRAWINGS SHALL BE PREPARED BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE COMMONWEALTH OF VIRGINIA OR BY A NICET LEVEL III OR IV DESIGNER CERTIFIED IN THE FIELD OF WATER BASED SYSTEMS LAYOUT.

PIPE ALL SYSTEM DRAINS TO AN APPROVED LOCATION ON THE OUTSIDE PERIMETER OF BUILDING. DO NOT DISCHARGE DRAIN INTO A JANITORS SINK WITHOUT APPROVAL FROM PLUMBING ENGINEER.

DESIGN FLOW DATA

THE FOLLOWING DATA SHALL BE USED FOR BID PURPOSES ONLY. CONFIRM DATA PRIOR TO CALCULATING PIPE SIZES:

LOCATION OF TEST: 2300 W. BEVERLEY STREET & ROWE STREET

STATIC PRESSURE: 93 psi

RESIDUAL PRESSURE: 77 psi

FLOW AT TIME OF TEST: 839 gpm

DATE OF TEST: 11/30/2023

THIS INFORMATION IS BASED OFF OF WATER MODELING PROVIDED BY OWNER.

SPRINKLER HEADS

IN SUSPENDED ACOUSTICAL CEILINGS: PROVIDE CONCEALED QUICK RESPONSE, GLASS BULB PENDENT TYPE SPRINKLERS w/ WHITE COVER PLATE.

FOR HORIZONTAL SIDEWALL APPLICATIONS: PROVIDE RECESSED, QUICK RESPONSE, GLASS BULB TYPE SPRINKLERS w/ CHROME FINISH AND MATCHING ESCUTCHEON.

IN EQUIPMENT, STORAGE AND OTHER SIMILAR ROOMS WITHOUT SUSPENDED CEILINGS: PROVIDE STANDARD UPRIGHT, QUICK RESPONSE, QUICK RESPONSE w/ BRASS FINISH.

IN AREAS SUBJECT TO FREEZING TEMPERATURES SUPPLIED BY WET PIPE SPRINKLER SYSTEM; PROVIDE QUICK RESPONSE, FUSIBLE LINK TYPE DRY TYPE SPRINKLERS.

PROVIDE INTERMEDIATE TEMPERATURE SPRINKLERS WHEN INSTALLED 2'-6" OR LESS TO AN HAVC SUPPLY DIFFUSER IN CEILINGS AS REQURIED BY NFPA 13 TABLE 8.3.2.5(a)ITEM (C) FOR HORIZONTAL DISCHARGE.

INSTALL SPRINKLERS IN CENTER OF ACOUSTICAL TILE CEILING PANELS.

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3200 NORFOLK STREET, RICHMOND, VA 23230
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COMMONWEALTH OF VIRGINIA
DAVID T. WHATELY
Lic. No. 052209
03/01/2024
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

LEGENDS, ABBREVIATIONS AND GENERAL NOTES

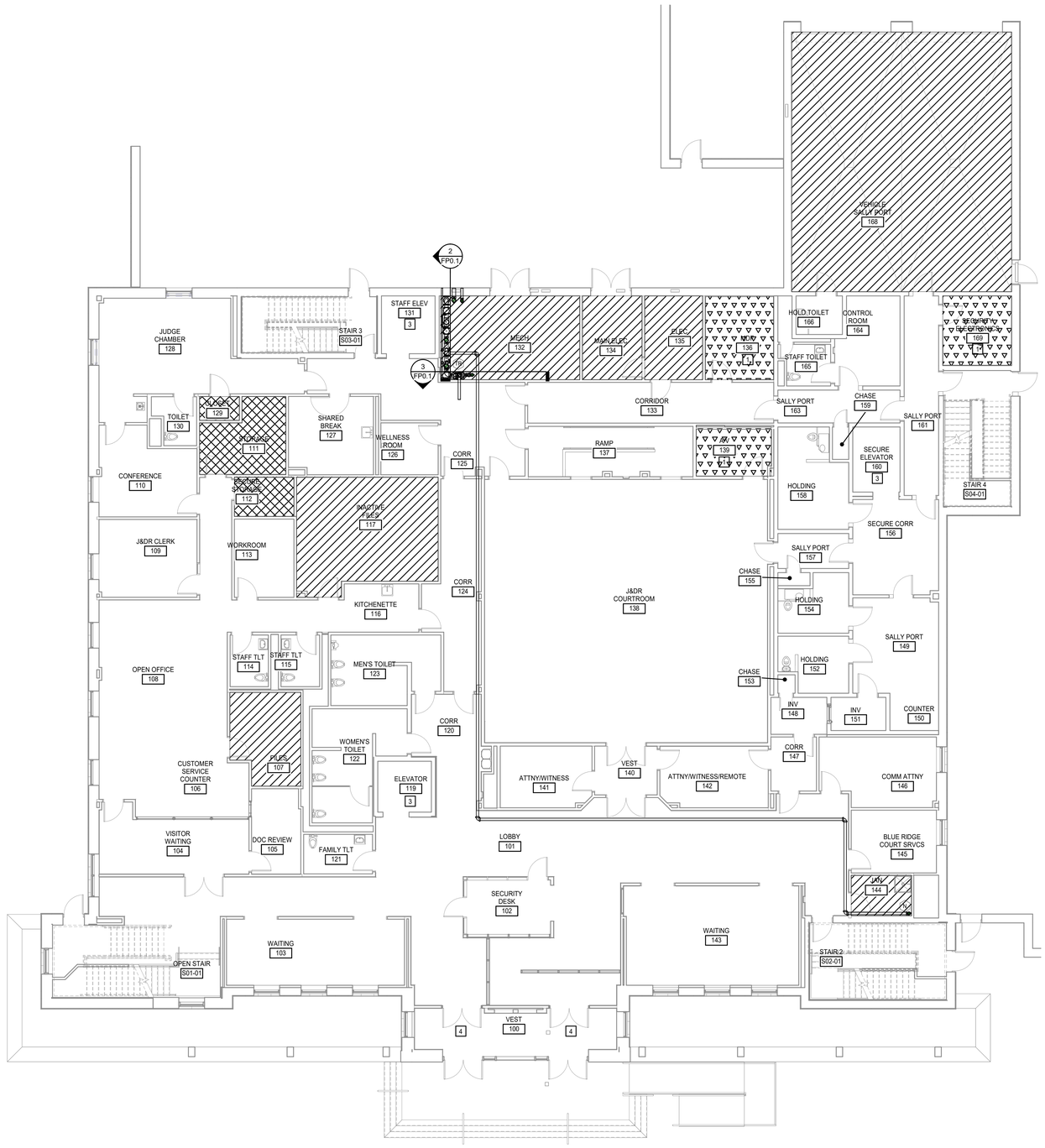
FP0.1

2/29/2024 11:43:12 AM

FIRE PROTECTION KEYNOTES

APPLIES TO DRAWINGS FP2.1 - FP2.2
REPRESENTED BY n

1. PROVIDE A DOUBLE INTERLOCK PRE-ACTION SYSTEM IN THIS SPACE. INSTALL PRE-ACTION VALVE, EQUIPMENT AND CONTROL PANEL IN MECHANICAL ROOM 132.
2. PROVIDE AN UPRIGHT FIRE SPRINKLER AT TOP OF ELEVATOR SHAFT PER NFPA 13 REQUIREMENTS FOR HYDRAULIC ELEVATORS.
3. PROVIDE A SIDEWALL FIRE SPRINKLER AT THE BOTTOM OF ELEVATOR SHAFT PER NFPA 13 REQUIREMENTS FOR HYDRAULIC ELEVATORS.
4. PROVIDE DRY HORIZONTAL SIDEWALL SPRINKLERS FOR VESTIBULE.
5. PROVIDE A DOUBLE INTERLOCK PRE-ACTION SYSTEM IN THIS SPACE. INSTALL PRE-ACTION VAVLE, EQUIPMENT AND CONTROL PANEL IN JANITOR CLOSET 264.



N

FIRST FLOOR PLAN - FIRE PROTECTION
1/8" = 1'-0"

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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

FIRST FLOOR PLAN - FIRE PROTECTION

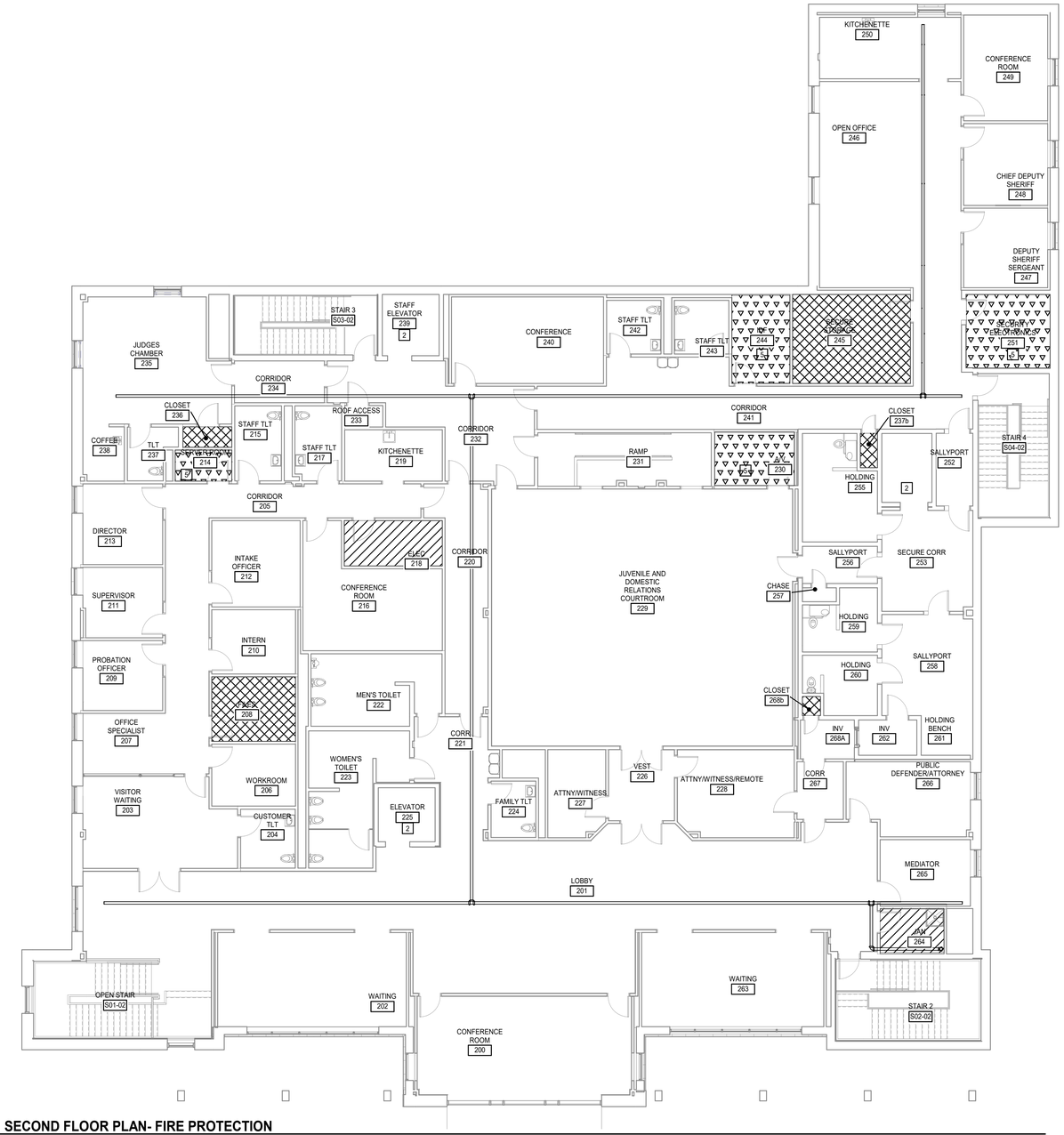
FP2.1

2/29/2024 11:43:15 AM

FIRE PROTECTION KEYNOTES

APPLIES TO DRAWINGS FP2.1 - FP2.2
REPRESENTED BY n

1. PROVIDE A DOUBLE INTERLOCK PRE-ACTION SYSTEM IN THIS SPACE. INSTALL PRE-ACTION VALVE, EQUIPMENT AND CONTROL PANEL IN MECHANICAL ROOM 132.
2. PROVIDE AN UPRIGHT FIRE SPRINKLER AT TOP OF ELEVATOR SHAFT PER NFPA 13 REQUIREMENTS FOR HYDRAULIC ELEVATORS.
3. PROVIDE A SIDEWALL FIRE SPRINKLER AT THE BOTTOM OF ELEVATOR SHAFT PER NFPA 13 REQUIREMENTS FOR HYDRAULIC ELEVATORS.
4. PROVIDE DRY HORIZONTAL SIDEWALL SPRINKLERS FOR VESTIBULE.
5. PROVIDE A DOUBLE INTERLOCK PRE-ACTION SYSTEM IN THIS SPACE. INSTALL PRE-ACTION VAVLE, EQUIPMENT AND CONTROL PANEL IN JANITOR CLOSET 264.



N

SECOND FLOOR PLAN- FIRE PROTECTION
1/8" = 1'-0"

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2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

SECOND FLOOR PLAN - FIRE PROTECTION

FP2.2

2/29/2024 11:43:16 AM

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
XX	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE, MOUNT AT 80" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
XX	FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, 80" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
XX	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE WITH DEVICE GUARD, 80" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING. # / # INDICATES STROBE SETTING AND REDUCED EFFECTIVE OUTPUT WHEN DEVICE GUARD IS PRESENT.
XX	FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, 80" AFF AND NOT MORE THAN 96". SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING. # / # INDICATES STROVE SETTING AND REDUCED EFFECTIVE OUTPUT WHEN DEVICE GUARD IS PRESENT.
XX	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
XX	FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING.
XX	FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE WITH DEVICE GUARD, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING. # / # INDICATES STROVE SETTING AND REDUCED EFFECTIVE OUTPUT WHEN DEVICE GUARD IS PRESENT.
XX	FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, CEILING MOUNTED. SUBSCRIPT NUMBER INDICATES STROBE CANDELA RATING. # / # INDICATES STROVE SETTING AND REDUCED EFFECTIVE OUTPUT WHEN DEVICE GUARD IS PRESENT.
F	FIRE ALARM MANUAL PULL STATION, MOUNT AT +3'-10"AFF.
FK	FIRE ALARM KEY OPERATED MANUAL PULL STATION, MOUNT AT +3'-10"AFF.
ST	FIRE ALARM DUCT SMOKE DETECTOR, FURNISH AND CONNECT UNDER DIVISION 28. INSTALL UNDER DIVISION 23. VERIFY LOCATION WITH DIVISION 23 PRIOR TO ROUGH-IN. PROVIDE ACCESSIBLE KEY OPERATED REMOTE TEST SWITCH FOR EACH DETECTOR.
S	SMOKE DETECTOR, CEILING MOUNT. SUBSCRIPT 'G' WHEN PRESENT INDICATES PROVIDE DEVICE GUARD.
H	HEAT DETECTOR, CEILING MOUNT. SUBSCRIPT 'G' WHEN PRESENT INDICATES PROVIDE DEVICE GUARD.
TS	FIRE ALARM TAMPER SWITCH, PROVIDE UNDER DIVISION 23, MONITOR UNDER DIVISION 28.
FS	FIRE ALARM FLOW SWITCH, PROVIDE UNDER DIVISION 23, MONITOR UNDER DIVISION 28.
PV	POST INDICATOR VALVE SWITCH, PROVIDE UNDER DIVISION 23, MONITOR UNDER DIVISION 28.
PS	FIRE ALARM PRESSURE SWITCH, PROVIDE UNDER DIVISION 23, MONITOR UNDER DIVISION 28.
IR	FIRE ALARM REMOTE INDICATOR, CEILING MOUNT.
M	FIRE ALARM MONITOR MODULE. NOT ALL MONITOR MODULES ARE INDICATED ON DRAWINGS. PROVIDE QUANTITY AND IN LOCATIONS REQUIRED TO ACCOMPLISH SPECIFIED MONITORING FUNCTIONS.
C	FIRE ALARM CONTROL MODULE. NOT ALL CONTROL MODULES ARE INDICATED ON DRAWINGS. PROVIDE QUANTITY AND IN LOCATIONS REQUIRED TO ACCOMPLISH SPECIFIED CONTROL FUNCTIONS.
B	FIRE ALARM SPRINKLER BELL, MOUNT AT +10'-0"AFF.
M	FIRE ALARM MAGNETIC DOOR HOLDER, WALL MOUNT DEVICE AT 6" BELOW TOP OF DOOR. PROVIDE HINGED MAGNETIC CATCH PLATE ON DOOR TO MATE WITH DEVICE, COORDINATE LOCATION AND LENGTH WITH DIVISION 08. PROVIDE CONCEALED 120-VOLT POWER CONNECTION AND FIRE ALARM CONTROL MODULE IF REQUIRED FOR PROPER OPERATION.
M	FIRE ALARM DOOR HOLDER/CLOSER HARDWARE UNDER DIVISION 08, MONITOR AND CONTROL INTERFACE WITH FIRE ALARM UNDER DIVISION 28.
	FIRE ALARM/POWER CONNECTION TO DIVISION 23 SMOKE OR FIRE/SMOKE DAMPER. COORDINATE WITH DIVISION 23. REFER TO TYPICAL FIRE/SMOKE DAMPER DIAGRAM.

ONE LINE DIAGRAM LEGEND

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER
	FUSED SWITCH
	TRANSFORMER
	TRANSFER SWITCH
XXX	FEEDER DESIGNATION
CT	CURRENT TRANSFORMER
PT	POTENTIAL TRANSFORMER

POWER LEGEND

SYMBOL	DESCRIPTION
XX	APPLIANCE RECEPTACLE, MOUNT AT +1'-6" AFF. PROVIDE NEMA CONFIGURATION TO MATCH PLUG FOR EQUIPMENT SERVED.
XX	APPLIANCE RECEPTACLE, MOUNT AT +1'-6"AFF. PROVIDE NEMA CONFIGURATION TO MATCH PLUG FOR EQUIPMENT SERVED. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICE.
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF. WITH ⊓ INDICATES TAMPER RECEPTACLE.
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICE.
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF.
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICE.
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +7'-6" AFF UNO.
	DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +7'-6" AFF UNO. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICE.
	DUPLEX RECEPTACLE, NEMA 5-20R, RECESS FLOOR MOUNT.
	GFCI DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF. PROVIDE NEMA 3R "WHILE IN USE" ENCLOSURE.
	GFCI DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF.
	GFCI DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICE.
	GFCI DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF.
	GFCI DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICE.
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF.
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICE.
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF.
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICE.
	DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, RECESS FLOOR MOUNT.
	SINGLE RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF.
	SINGLE RECEPTACLE, NEMA 5-20R, MOUNT AT +3'-10"AFF.
	SPD DUPLEX RECEPTACLE, NEMA 5-20R, MOUNT AT +1'-6"AFF.
#	POWER/COMMUNICATIONS RECESSED FLOOR BOX. SUBSCRIPT NUMBER INDICATES OUTLET TYPE. REFER TO DETAIL ON E4 SERIES DRAWINGS.
#	POWER/COMMUNICATIONS RECESSED FLOOR BOX. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICES. SUBSCRIPT NUMBER INDICATES OUTLET TYPE. REFER TO DETAIL ON E4 SERIES DRAWINGS.
#	POWER/COMMUNICATIONS POKE THRU FLOOR BOX. SUBSCRIPT NUMBER INDICATES OUTLET TYPE. REFER TO DETAIL ON E4 SERIES DRAWINGS.
#	POWER/COMMUNICATIONS POKE THRU FLOOR BOX. CONNECT TO EMERGENCY POWER, PROVIDE RED DEVICES. SUBSCRIPT NUMBER INDICATES OUTLET TYPE. REFER TO DETAIL ON E4 SERIES DRAWINGS.
SF	SYSTEM FURNITURE FLEX POWER CABLE CONNECTION VIA FLOOR BOX. COORDINATE W/ SYSTEM FURNITURE PROVIDER PRIOR TO ROUGH-IN.
SF	SYSTEM FURNITURE FLEX POWER CABLE CONNECTION VIA FLUSH WALL BOX MOUNTED 4" AFF. COORDINATE W/FURNITURE PROVIDER PRIOR TO ROUGH-IN.
	POWER/COMMUNICATIONS POWER POLE, FURNISHED WITH (NIC) SYSTEM FURNITURE. PROVIDE J-BOX MTD TO STRUCTURE ABOVE CLG, AND FLEXIBLE CONDUIT CONNECTION TO J-BOX MTD TO TOP OF POLE AND CONNECTED TO PIGTAIL(S) FURNISHED WITH POLE. POLE LOCATION IS APPROXIMATE, COORDINATE WITH SYSTEM FURNITURE PROVIDER.
T	LINE VOLTAGE THERMOSTAT. DIVISION 23 FURNISH, DIVISION 26 INSTALL. REFER TO DIVISION 23 DRAWINGS FOR LOCATIONS AND QUANTITY.
	PUSHBUTTON CONTROLLER.
	PUSHBUTTON.
	CORD REEL OUTLET, CEILING MOUNT.
	[NON-] METALLIC SURFACE RACEWAY, DEVICES AS INDICATED, MOUNT AT +1'-6"AFF, UNO.
J	JUNCTION BOX, CONCEALED ABOVE CEILING, UNO.
UJ	JUNCTION BOX, UNDER FLOOR MOUNT.
CB	ENCLOSED CIRCUIT BREAKER, CHARACTERISTICS AS INDICATED.
	MUSHROOM SWITCH, HEAVY DUTY WITH LEGEND PLATE. MOUNT W/HANDLE AT +3'-10" AFF, UNO.
	MANUAL MOTOR STARTER, OVERLOAD PROTECTION AS REQUIRED PER NAME PLATE RATINGS, WITH 'ON' INDICATOR PILOT LIGHT. FLUSH MOUNT W/HANDLE AT +3'-10"AFF, UNO.
	DISCONNECT SWITCH, FUSIBLE OR NON-FUSIBLE AS INDICATED. MOUNT W/HANDLE AT +4'-6"AFF, UNO.
	MAGNETIC MOTOR STARTER, WITH OVERLOAD RELAYS AS REQUIRED TO SERVE MANUFACTURER REQUIREMENTS OF EQUIPMENT SERVED. PROVIDE WITH HAND-OFF-AUTOMATIC SELECTOR SWITCH AND INDICATOR LIGHTS.. MOUNT W/HANDLE AT +4'-6"AFF, UNO.
	COMBINATION MAGNETIC STARTER AND DISCONNECT SWITCH. WITH OVERLOAD ELEMENTS AND FUSING AS REQUIRED TO SERVE MANUFACTURER REQUIREMENTS OF EQUIPMENT SERVED. PROVIDE WITH HAND-OFF-AUTOMATIC SELECTOR SWITCH AND INDICATOR LIGHTS.. MOUNT W/HANDLE AT + 4'-6"AFF, UNO.
E	EQUIPMENT POWER CONNECTION.
	MOTOR CONNECTION.
M	CONNECTION TO DIV 23 MOTORIZED DAMPER, VERIFY LOCATION.
EL	POWER FOR ELECTRIC DOOR LOCK CONNECTION.
ES	POWER FOR ELECTRIC DOOR STRIKE CONNECTION.
G	EMERGENCY GENERATOR.
	BRANCH CIRCUIT RUN CONCEALED, UNO. DASHED INDICATES CIRCUITRY REQUIRED TO BE RUN BELOW SLAB.
	STRAIGHT LINEWORK FOR CIRCUITRY INDICATES ON EMERGENCY POWER CIRCUIT. INDICATED FOR CLARITY ONLY. ACTUAL HOMERUN DESIGNATION OVERRIDES THIS SYMBOLOGY.
	BRANCH CIRCUIT HOME RUN TO PANELBOARD AND CIRCUIT INDICATED.
	PANELBOARD.
T	TRANSFORMER, PROVIDE CONCRETE HOUSEKEEPING PAD UNLESS NOTED OTHERWISE.
R	RELAY, N/O OR N/C AS INDICATED.
	RELAY, NORMALLY OPEN.
	RELAY, NORMALLY CLOSED.
XXX	FEEDER TAG. REFER TO FEEDER SCHEDULE ON DWG E5.1.

COMMUNICATIONS LEGEND

NOTE: REFER TO 'TYPICAL COMMUNICATION OUTLET DETAIL' FOR BOX & CONDUIT REQUIREMENTS. REFER TO TELECOMMUNICATION DEVICE DETAILS FOR CABLING AND TERMINAL JACK REQUIREMENTS.

SYMBOL	DESCRIPTION
X	TELECOMMUNICATIONS OUTLET, SUBSCRIPT NUMBER INDICATES OUTLET TYPE. MOUNT AT +3'-10"AFF.
X	TELECOMMUNICATIONS OUTLET, SUBSCRIPT NUMBER INDICATES OUTLET TYPE. MOUNT AT +1'-6"AFF.
	[MISC COMMUNICATIONS OUTLET] , MOUNT AT +1'-6"AFF.
	RECESSED FLOOR MOUNT DEVICE COMPLETE WITH FITTINGS FOR FLOOR COVERING.
	INTERCOM STATION WITH PUSHBUTTON, MOUNT AT +4'-6"AFF.
	[MISC COMMUNICATIONS OUTLET] , MOUNT AT +4'-6"AFF.
E	PUSHBUTTON SWITCH, MOUNT AT +4'-6"AFF. SUBSCRIPT "E" INDICATES EMERGENCY FUNCTIONS.
	CATV OUTLET, MOUNT AT +7'-6"AFF UNO.
	WALL CLOCK, MOUNT AT +7'-6"AFF. SUBSCRIPT "D" INDICATES DOUBLE FACE CLOCK.
	WALL CLOCK, CEILING MOUNT. SUBSCRIPT "D" INDICATES DOUBLE FACE CLOCK. ARROWS INDICATE FACE DIRECTION.
M# M#	MICROPHONE OUTLET, WALL MOUNT AT +1'-6"AFF, FLUSH FLOOR MOUNT. SUBSCRIPT NUMBER INDICATES NUMBER OF JACKS TO PROVIDE IN OUTLET.
S	SOUND SYSTEM SPEAKER, RECESS WALL MOUNT AT +7'-6"AFF. 'WG' WHERE PRESENT INDICATES PROVIDE PROTECTIVE WIRE GUARD.
S	SOUND SYSTEM SPEAKER, RECESS CEILING MOUNT. 'WG' WHERE PRESENT INDICATES PROVIDE PROTECTIVE WIRE GUARD.
SP	PAGING SYSTEM SPEAKER, RECESS CEILING MOUNT. 'WG' WHERE PRESENT INDICATES PROVIDE PROTECTIVE WIRE GUARD.
#	POWER/COMMUNICATIONS RECESSED FLOOR BOX. SUBSCRIPT LETTER INDICATES OUTLET TYPE. REFER TO "TYPICAL COMMUNICATION OUTLET DETAIL" FOR BOX AND CONDUIT REQUIREMENTS.
#	POWER/COMMUNICATIONS RECESSED FLOOR BOX ON EMERGENCY POWER. SUBSCRIPT LETTER INDICATES OUTLET TYPE. REFER TO "TYPICAL COMMUNICATION OUTLET DETAIL" FOR BOX AND CONDUIT REQUIREMENTS.
#	POWER/COMMUNICATIONS POKE-THRU FLOOR BOX. SUBSCRIPT LETTER INDICATES OUTLET TYPE. (2) 3/4" CONDUITS, (1) EACH AT OPPOSITE SIDES. TO STUB-UP AT NEAREST COMMUNICATION CROSS-CONNECT, UNO. REFER TO 'TYPICAL COMMUNICATION OUTLET DETAIL.'
#	POWER/COMMUNICATIONS POKE-THRU FLOOR BOX ON EMERGENCY POWER. SUBSCRIPT LETTER INDICATES OUTLET TYPE. (2) 3/4" CONDUITS, (1) EACH AT OPPOSITE SIDES, TO STUB-UP AT NEAREST COMMUNICATION CROSS-CONNECT, UNO. REFER TO 'TYPICAL COMMUNICATION OUTLET DETAIL.'
SF	SYSTEM FURNITURE COMMUNICATIONS CONNECTIONS VIA FLOOR BOX. PROVIDE 1.25" CONDUIT BELOW SLAB TO STUB-UP AT NEAREST COMMUNICATION BACK BOARD. COORDINATE WITH FURNITURE PROVIDER PRIOR TO ROUGH-IN.
SF	SYSTEM FURNITURE COMMUNICATIONS CONNECTION VIA FLUSH WALL BOX MOUNTED +4"AFF. PROVIDE 1.25" CONDUIT WITH BUSHING FROM BOX TO ABOVE CEILING. COORDINATE WITH FURNITURE PROVIDER PRIOR TO ROUGH-IN.
	SYSTEM FURNITURE COMMUNICATIONS CONNECTION VIA POWER POLE FURNISHED WITH SYSTEM FURNITURE. COORDINATE WITH FURNITURE PROVIDER PRIOR TO ROUGH-IN.
WA	WIRELESS ACCESS POINT
	TELECOMMUNICATIONS EQUIPMENT RACK.
	2" EMT CONDUIT SLEEVE WITH NYLON BUSHING EACH END UNO, THRU WALL AT +6" ABOVE FINISHED CEILING.
TGB	TELECOMMUNICATIONS GROUND BUS BAR, MOUNT AT +1'-6"AFF.
TMGB	TELECOMMUNICATIONS MAIN GROUND BUS BAR, MOUNT AT +1'-6"AFF.
	CABLE TRAY, MOUNT AT +6" ABOVE FINISHED CEILING.

LIGHTING LEGEND

SYMBOL	DESCRIPTION
$	LIGHT SWITCH, RATED 120/277 VOLTS, 20-AMPS, MOUNT AT +3'-10"AFF. SUBSCRIPT/SUPERSCRIPT LETTERS, NUMBERS, AND SYMBOLS INDICATES SWITCH TYPE AS FOLLOWS: 3 INDICATES 3-WAY LIGHT SWITCH 4 INDICATES 4-WAY LIGHT SWITCH D INDICATES DIMMER SWITCH P INDICATES PILOT LIGHT, ON WHEN SWITCH IS ON K INDICATES KEY OPERATED LIGHT SWITCH OS INDICATES SWITCH WITH INTEGRAL OCCUPANCY SENSOR OD INDICATES DIMMER SWITCH WITH INTEGRAL OCCUPANCY SENSOR OS 2 INDICATES DUAL RELAY INTEGRAL OCCUPANCY SENSOR, WIRED FOR MULTI-LEVEL SWITCHING LOWER CASE LETTER INDICATES LIGHT FIXTURE CONTROL DESIGNATION
	OMNI-DIRECTIONAL LIGHTING CONTROL OCCUPANCY DETECTOR, CEILING MOUNT.
PC	PHOTOELECTRIC CELL FOR LIGHTING CONTROL. WALL MOUNT AT +10-0"AFF. AIM NORTH.
	LIGHT FIXTURE, CEILING MOUNT.
	LIGHT FIXTURE ON EMERGENCY POWER, CEILING MOUNT.
	LIGHTING FIXTURE.
	LIGHTING FIXTURE ON EMERGENCY POWER.
	WALL WASHER LIGHTING FIXTURE.
	LIGHT FIXTURE, WALL MOUNT, HEIGHT AS INDICATED.
	EXIT SIGN, CEILING MOUNT. DIRECTIONAL ARROWS AS INDICATED. SHADING INDICATES FACE(S) OF SIGN.
	EXIT SIGN, WALL MOUNT. DIRECTIONAL ARROWS AS INDICATED. SHADING INDICATES FACE(S) OF SIGN.
	TRACK LIGHTS.
	LIGHT FIXTURE, POLE MOUNT.

GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.

B. FOLLOW MOUNTING HEIGHTS INDICATED IN THE ELECTRICAL LEGEND UNLESS OTHERWISE INDICATED. MEASURE ALL MOUNTING HEIGHTS FROM THE DEVICE CENTER LINE UNLESS OTHERWISE INDICATED.

C. FIELD VERIFY EXACT FEEDER LOCATIONS FOR MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN.

D. EQUIPMENT CONNECTIONS ARE INDICATED IN THEIR APPROXIMATE LOCATIONS. VERIFY EXACT LOCATIONS OF ALL CONNECTIONS WITH OTHER TRADES SUPPLYING EQUIPMENT TO AVOID CONFLICTS AT INSTALLATION.

E. LOCATED ALL SWITCHES FOR LOCAL CONTROL OF LIGHTING ON STRIKE SIDE OF SINGLE DOORS UNLESS OTHERWISE INDICATED.

F. PROVIDE SPECIFIC BREAKER ARRANGEMENT FOR THE PANEL BOARDS WHEREVER PHYSICALLY POSSIBLE. PROVIDE AS-BUILT DRAWINGS INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. PROVIDE TYPE WRITTEN PANELBOARD DIRECTORIES INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT.

G. PROVIDE AS-BUILT DRAWINGS INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. PROVIDE TYPEWRITTEN PANELBOARD DIRECTORIES INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT. HAND WRITTEN SCHEDULES ARE NOT ACCEPTABLE.

H. ALL CONDUIT RUNS INDICATED ARE DIAGRAMMATIC, COORDINATE ROUTING IN ALL SPACES WITH OTHER TRADES.

I. ALL PANELBOARDS INDICATED ARE HOUSED IN A SINGLE WIDTH ENCLOSURE, LINO. THE CONTRACTOR SHALL FIELD VERIFY ROOM LAYOUT AND ADJUST ACCORDINGLY, AT NO COST TO THE OWNER, IF PROVIDING ANY PANELBOARD ENCLOSURES.

J. WHERE POWER AND COMMUNICATION OUTLETS ARE INDICATED IN CLOSE PROXIMITY ON THE DRAWINGS, FIELD COORDINATE THE LOCATIONS TO PLACE THE OUTLETS ADJACENT TO EACH OTHER.

K. ALL EXTERIOR RECEPTACLES SHALL BE LABELED "WR" - WEATHER RESISTANT.

L. WHEN GROUPING MULTIPLE LINE TO NEUTRAL BRANCH CIRCUITS IN A CONDUIT, PROVIDE DEDICATED COLOR CODED NEUTRAL CONDUCTORS FOR EACH CIRCUIT. DO NOT USE BREAKER TIES AND SHARED NEUTRALS EVEN THOUGH PERMITTED BY NEC.

M. PROVIDE A 2" WIDE YELLOW LINE PAINTED ON THE FLOOR INDICATING THE ELECTRICAL WORKING SPACE. IN FRONT OF ALL ELECTRICAL PANELS IN ELECTRICAL ROOMS. REFER TO PLANS FOR ELECTRICAL WORKING SPACE DETAILS. STENCIL "NO STORAGE" IN 2" HIGH, YELLOW LETTERS CENTERED IN THE OUTLINED AREA.

ABBREVIATIONS

1P	SINGLE PHASE
3P	THREE PHASE
3R	WEATHERPROOF (NEMA 3R)
A	AMPS
AFF	ABOVE FINISHED FLOOR
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BKR	BREAKER
C	CONDUIT
CATV	COMMUNITY ANTENNA TELEVISION (CABLE)
CB	CIRCUIT BREAKER
CBL	CABLE
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
CLR	CLEAR
CO	COMPANY
COMB	COMBINATION
COMM	COMMUNICATIONS
CU	COPPER
DIA	DIAMETER
DISC	DISCONNECT
DIV	DIVISION
DWG	DRAWING
EBH	ELECTRIC BASEBOARD HEATER
EC	EMPTY CONDUIT
ECS	EMERGENCY COMMUNICATIONS STATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EPO	EMERGENCY POWER OFF
EQ	EQUIPMENT
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
EX	EXISTING
EXT	EXTERIOR
FA	FIRE ALARM
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FAGP	FIRE ALARM GRAPHIC PANEL
FAXP	FIRE ALARM EXTENDER PANEL
FFSCP	FIRE FIGHTER'S SMOKE CONTROL PANEL
FLA	FULL LOAD AMPS
FPMR	FUSE PER MANUFACTURERS REQUIREMENTS/RECOMMENDATIONS
FPND	FUSE PER NAMEPLATE DATA
G	GROUND
GE	GROUND FAULT PROTECTION FOR EQUIPMENT, 6-50mA PER NEC 427.22 (PROVIDE ACCESSORY FOR INDICATED BREAKER)
GFCI	GROUND FAULT CIRCUIT INTERRUPT
GFP	GROUND FAULT PROTECTION FOR PERSONNEL. 4-6mA (PROVIDE ACCESSORY FOR INDICATED BREAKER)
HKP	HOUSEKEEPING PAD
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
Hz	HERTZ
IAW	IN ACCORDANCE WITH
IG	ISOLATED GROUND
J-BOX	JUNCTION BOX
KHFSS	KITCHEN HOOD FIRE SUPPRESSION SYSTEM
KHz	KILOHERTZ
KVA	KILOVOLT AMPS
KW	KILOWATTS
KWH	KILOWATT HOURS
L	LOCKOUT TO PREVENT UNAUTHORIZED SWITCHING (PROVIDE ACCESSORY FOR INDICATED BREAKER)
LC	ROUTE CIRCUIT TO LOAD VIA LIGHTING CONTACTOR, REFER TO LC SCHEDULE
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
LTS	LIGHTS
MAX	MAXIMUM
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MHz	MEGAHERTZ
MIN	MINIMUM
ML	MAINTENANCE LOCK (PROVIDE ACCESSORY FOR INDICATED BREAKER)
MLO	MAIN LUG ONLY
MNS	MASS NOTIFICATION SYSTEM
MOCP	MAXIMUM OVER CURRENT PROTECTION.
MTD	MOUNTED
N	NEUTRAL
N/C	NORMALLY CLOSED
N/O	NORMALLY OPEN
NO.	NUMBER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
P	PILOT LIGHT (AT THE SWITCH HANDLE)
PBD	PANELBOARD
PD	PROTECTIVE DEVICE
RCPT	RECEPTACLE
REC	RECEPTACLE
SEC	SECURITY
SPD	SURGE PROTECTIVE DEVICE
SPEC.	SPECIFICATION(S)
ST	SHUNT TRIP, 120V COIL (PROVIDE ACCESSORY FOR INDICATED BREAKER)
SW	SWITCH
SWBD	SWITCHBOARD
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TC	TELECOMMUNICATIONS CLOSET
TELECOM	TELECOMMUNICATIONS
TGB	TELECOMMUNICATIONS GROUNDING BUS BAR
TMGB	TELECOMMUNICATIONS MAIN GROUNDING BUS BAR
TYP	TYPICAL
UNO	UNLESS NOTED (INDICATED) OTHERWISE
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WATTS
W/	WITH
WG	WIRE GUARD
WP	WEATHERPROOF
XFER	TRANSFER
XFMR	TRANSFORMER

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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

LEGENDS, ABBREVIATIONS AND GENERAL NOTES

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INTERIOR LIGHT FIXTURE SCHEDULE

FIXTURE							LAMP			MOUNTING	OPTIONS		REFERENCE NOTE	COMMENTS
TYPE	DESCRIPTION	MANUFACTURER	SERIES NO.	WATTAGE	LUMENS	COLOR	QUANTITY	TYPE	COLOR TEMP.		DIMMING	BATTERY PACK		
A	2X4 LED TROFFER	UTOPIA LIGHTING	RDI-24-44L/30-UNV-DIM	48	4617 lm		1	LED	3000 K	RECESSED	X			CENTER BASKET
A1	2X4 LED TROFFER	UTOPIA LIGHTING	RDI-24-L68/30-UNV-DIM	48	4617 lm		1	LED	3000 K	RECESSED	X			CENTER BASKET
A2	2X2 LED TROFFER	UTOPIA LIGHTING	RDI-22-44L/30-UNV-DIM	48	3896 lm		1	LED	3000 K	RECESSED	X			CENTER BASKET
A3	2X2 DROP PANEL TROFFER	UTOPIA LIGHTING	SKFLED-22-4200-80-30-2SF-W-UNV-DP-1	44	4000 lm		1	LED	3000 K	RECESSED	X			
C	ELEVATOR WALL MOUNT LINEAR	UTOPIA LIGHTING	VTD-2G	25	1783 lm		1	LED	3000 K	WALL				
D	WALL MOUNT LINEAR STAIRWELLS	UTOPIA LIGHTING	WIOP-R4-60L-30K-UNV	60	5620 lm		1	LED	3000 K	WALL	X			
E1	29" LINEAR WALL/BATH LED	JUSTICE DESIGN	FAL-8625-NCKL	23	2100 lm		1	LED	3000 K	WALL/FLUSH				
E2	19" ROUND LED	JUSTICE DESIGN	ACR-4051-OPAL-LTBZ	31	3100 lm		1	LED	3000 K	WALL/FLUSH				
E3	48" ADA LED WALL SCONCE	JUSTICE DESIGN	CUS-CLD-7567W-CUSFINISH-CUSBACKPLATE	44	3520 lm		1	LED	3000 K	WALL/FLUSH				90 CRI
F	VANITY WALL MOUNT LINEAR	AXIS LIGHTING	ARWLED-1000-80-30-S-2-AP-UNV-1	32	1800 lm		1	LED	3000 K	WALL				
G	1X4 ENCLOSED INDUSTRIAL	UTOPIA LIGHTING	DW-LP-4-56LED-30K-UNV	56	7930 lm		1	LED	3000 K	PENDANT				
H1	6" CAN LIGHT	LITE LINE	GEN06-40-30-M-WH-S-N-X-N	45	2000 lm		1	LED	3000 K	RECESSED	X			
J	SPHERICAL PENDANT DOWNLIGHT	ARANCIA	P84-26-W-B-W-B-1-U-O-C-10-N-K	48	2375 lm			LED	3000 K	PENDANT				
ML	ILLUMINATED MIRROR	SPECIFIED BY INTERIOR DESIGNER	SPECIFIED BY INTERIOR DESIGNER	32	1800 lm		1	LED	3000 K	WALL				
S1	2X2 ECLIPSE EXAM LED	LA LIGHTING	MSE120- 4-2L-FSW-DRP8DRDM-UNV-2-830	41	4140 lm		1	LED	3000 K	SURFACE				.187" CLEAR POLYCARBONATE
S4	4' ENCLOSED LINEAR	LA LIGHTING	MSE110-4-4L-FSW-DRP8-DRDM-UNV-1-830	33	3889 lm		1	LED	3000 K	SURFACE				.187" CLEAR POLYCARBONATE
V	CHASE VAPOR TIGHT LED	GREENTEK	GT-VT-21WBM-a3000-D	22	2600 lm		1	LED	3000 K	WALL				
WH4	4' LINEAR LED	AXIS LIGHTING	SL3-450-80-30-SO-WDC(4)-W-UNV-DP-1	48	1800 lm		1	LED	3000 K	WOOD CEILING BRACKET	X			
WH7	7' LINEAR LED	AXIS LIGHTING	SL3-450-80-30-SO-WDC(7)-W-UNV-DP-1	48	5600 lm		1	LED	3000 K	WOOD CEILING BRACKET	X			
WH8	8' LINEAR LED	AXIS LIGHTING	SL3-800-80-30-SO-WDC(8')-W-UNV-DP-UWB	48	6400 lm		1	LED	3000 K	WOOD CEILING BRACKET	X			
WL8	8' LINEAR LED	AXIS LIGHTING	SL3-450-80-30-SO-WDC(8')-W-UNV-DP-UWB	48	3600 lm		1	LED	3000 K	WOOD CEILING BRACKET	X			
WTW	5' LINEAR	AXIS LIGHTING	TB2WDLED-300-80-30-SO-5-AP-UNV-DP	48	1500 lm		1	LED	3000 K	WALL/FLUSH	X			
X1	SINGLE FACE EXIT SIGN WALL	HE WILLIAMS	EXIT/EL-SF-G-CP-AN-AC-D	4			1	LED						
XC1	SINGLE FACE EXIT SIGN CEILING	HE WILLIAMS	EXIT/EL-SF-G-CP-AN-AC-D	4			1	LED						
XC2	DOUBLE FACE EXIT SIGN CEILING	HE WILLIAMS	EXIT/EL-DF-G-CP-AN-AC-D	4			1	LED						
XS1	SECURITY EXIT SIGN	HE WILLIAMS	EXIT/EL-SF-G-CP-AN-AC-WG-D	4			1	LED						
XSC	SECURITY EXIT SIGN	HE WILLIAMS	EXIT/EL-DF-G-CP-AN-AC-WG-D	4			1	LED						

GENERAL NOTES:

A. ALL FIXTURES SHALL BE CAPABLE OF 120V AND 277V INPUT (MVOLT), UNO.
B. REFER TO LIGHTING PLANS AND SPECIFICATIONS FOR ADDITIONAL FIXTURE INFORMATION.
C. "X" IN THE SCHEDULE INDICATES ITEM IS REQUIRED.
D. ALL LENS SHALL BE A MINIMUM 0.125" THICKNESS, UNO.

REFERENCE NOTES:

1. NUMBER OF FACES AND DIRECTIONAL CHEVRONS AS INDICATED ON DWGS.
2. FIXTURE SHALL BE SUITABLE FOR DAMP LOCATIONS.
3. FIXTURE SHALL BE SUITABLE FOR WET LOCATIONS.

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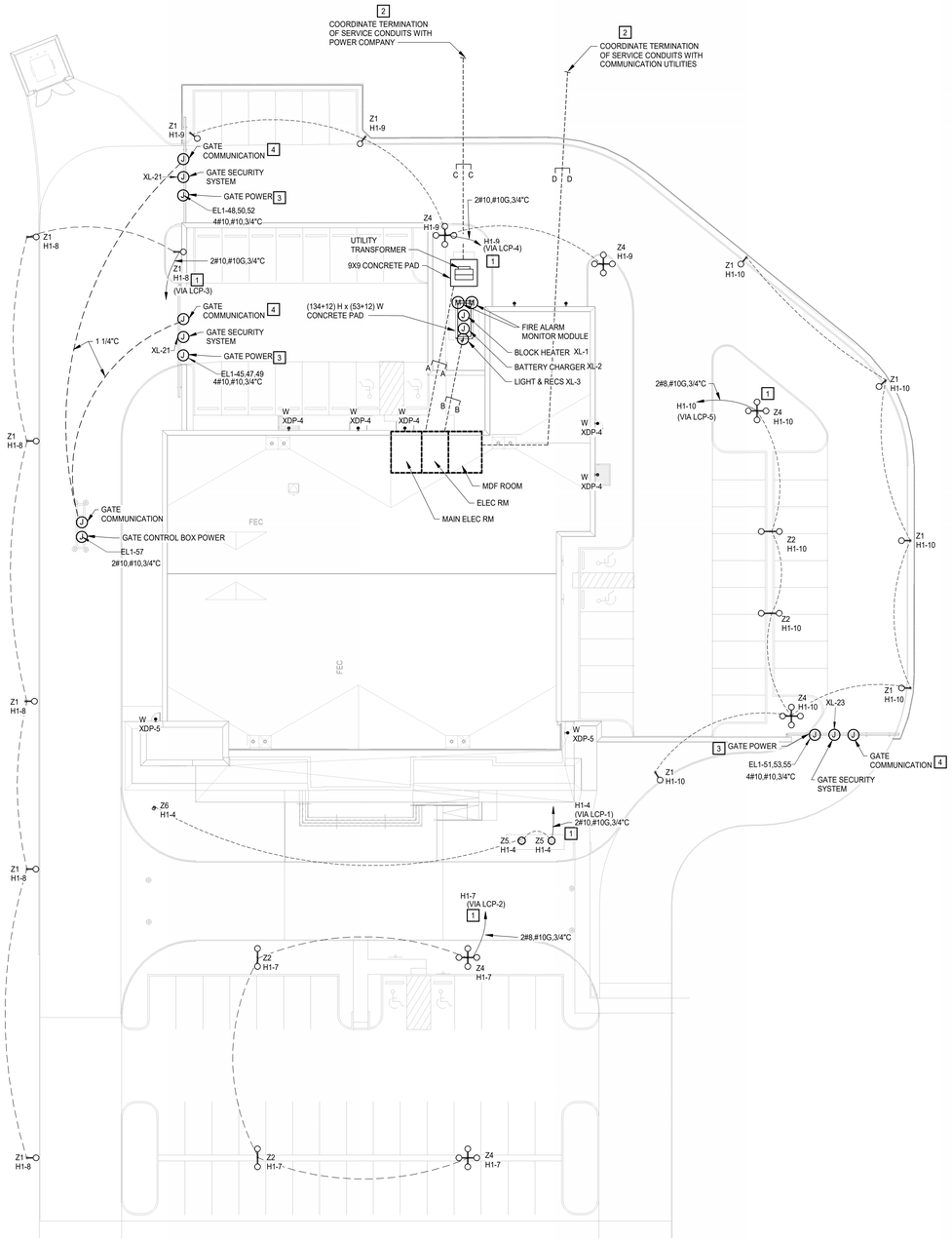
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

LIGHT FIXTURE SCHEDULE

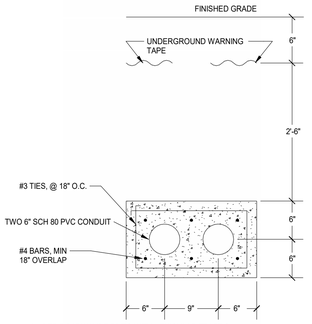
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SITE PLAN - ELECTRICAL

1" = 20'-0"



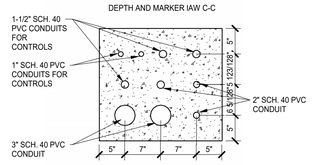
UNDER ROADWAYS/DRIVES WITH VEHICULAR TRAFFIC:
PROVIDE 3000 PSI CONCRETE UNDER ROADWAYS AND DRIVEWAYS WITH VEHICULAR TRAFFIC.
PROVIDE CONDUIT SPACERS EVERY 6'-0"

ELSEWHERE:
PROVIDE #10 SCREENINGS OR APPROVED ENGINEERED FILL THROUGHOUT
PROVIDE CONDUIT SPACERS EVERY 6'-0"
PROVIDE NYLON PULL CORD IN EACH CONDUIT.

TO UTILITY XFMR FOR UTILITY PRIMARY

DUCTBANK SECTION C -C

NO SCALE



UNDER ROADWAYS/DRIVES WITH VEHICULAR TRAFFIC:
PROVIDE 3000 PSI CONCRETE UNDER ROADWAYS AND DRIVEWAYS WITH VEHICULAR TRAFFIC.
PROVIDE CONDUIT SPACERS EVERY 6'-0"

ELSEWHERE:
PROVIDE #10 SCREENINGS OR APPROVED ENGINEERED FILL THROUGHOUT
PROVIDE CONDUIT SPACERS EVERY 6'-0"

GENERATOR TO ELEC. ROOM

DUCTBANK SECTION B-B - BUILDING B

NO SCALE

GENERAL NOTES

A. COORDINATE WITH CIVIL DRAWINGS FOR ALL SITE WORK INCLUDING UTILITY TRANSFORMER AND GENERATOR LOCATION .

B. COORDINATE WITH CIVIL PLAN FOR EXACT SITE LIGHTING LOCATIONS.

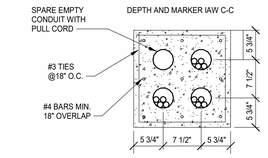
C. ELECTRICAL CONTRACTOR SHALL ROUTE ELECTRICAL CONDUITS TO AVOID CONFLICTS WITH SITE UTILITIES AND MAINTAIN REQUIRED EASEMENTS.

D. REFER TO SHEET E2.1.1 FOR EXTERIOR WALL LIGHT CONTROL.

KEYNOTES

APPLIES TO DRAWINGS E1.0
REPRESENTED BY n

1. PROVIDE CONDUIT/WIRES AS INDICATED FOR ENTIRE LENGTH OF THIS CIRCUIT. REFER TO LIGHTING CONTACTOR DETAIL ON E4.1 FOR SITE LIGHTING CONTROL.
2. REFER TO CIVIL PLANS FOR EXACT ROUTING.
3. COORDINATE WITH CIVIL PLANS FOR ADDITIONAL GATE INFORMATION.
4. PROVIDE 1 1/4"C FROM MDF ROOM TO THE GATE FOR GATE COMMUNICATION.



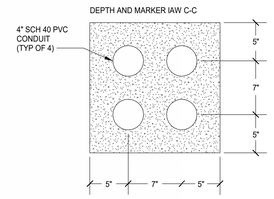
UNDER ROADWAYS/DRIVES WITH VEHICULAR TRAFFIC:
PROVIDE 3000 PSI CONCRETE UNDER ROADWAYS AND DRIVEWAYS WITH VEHICULAR TRAFFIC.
PROVIDE CONDUIT SPACERS EVERY 6'-0"

ELSEWHERE:
PROVIDE #10 SCREENINGS OR APPROVED ENGINEERED FILL THROUGHOUT
PROVIDE CONDUIT SPACERS EVERY 6'-0"

UTILITY XFMR TO SWITCHBOARD MDP

DUCTBANK SECTION A-A

NO SCALE



#10 SCREENINGS OR APPROVED ENGINEERED FILL THROUGHOUT
PROVIDE CONDUIT SPACERS EVERY 6'-0"

CONTRACTOR'S OPTION TO USE CONCRETE IN LIEU OF SAND.
PROVIDE NYLON PULL CORD IN EACH CONDUIT.

COMMUNICATION UTILITIES VIA PULL BOXES TO MDF ROOM

DUCTBANK SECTION D-D

NO SCALE

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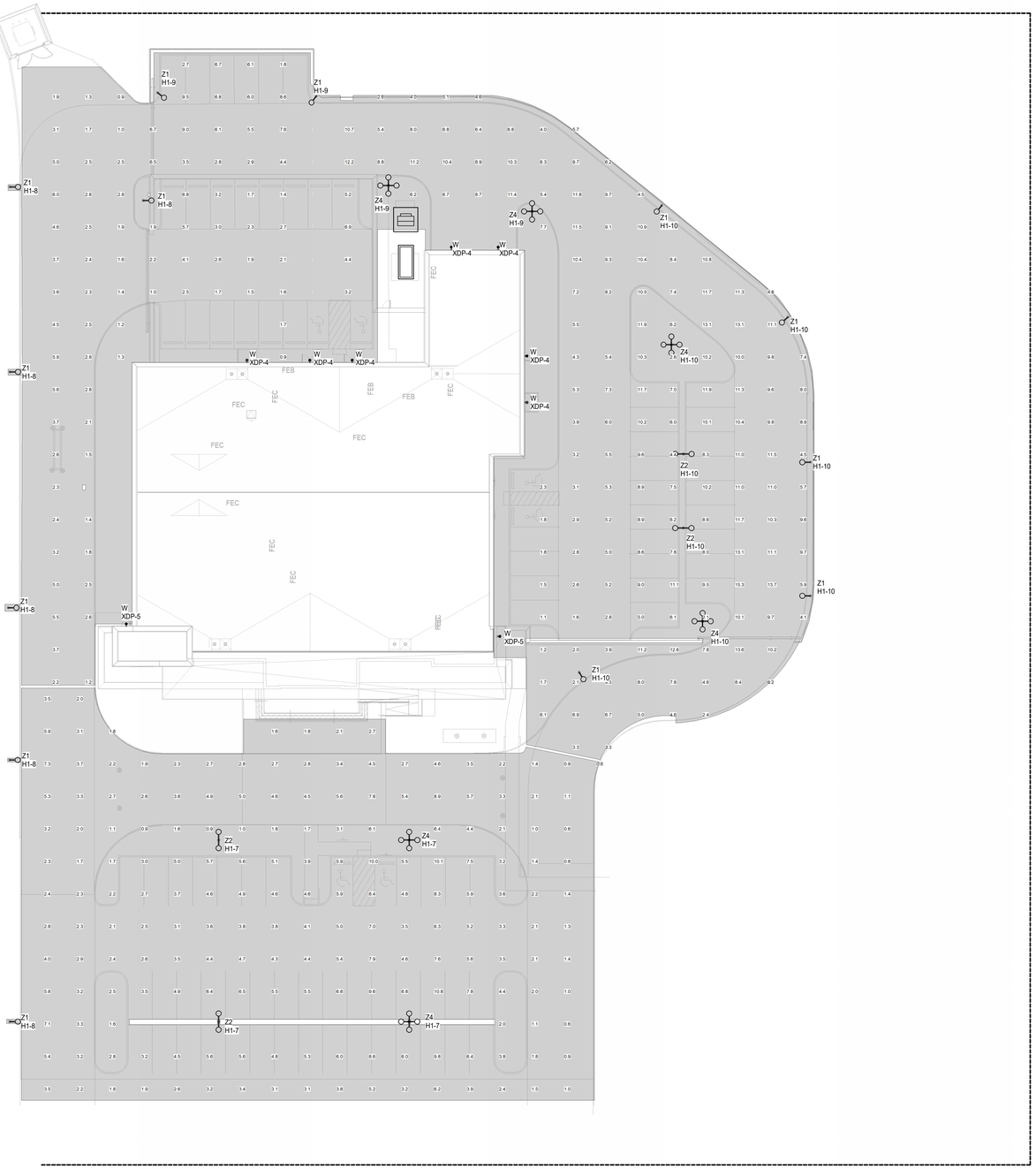
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SITE PLAN - ELECTRICAL

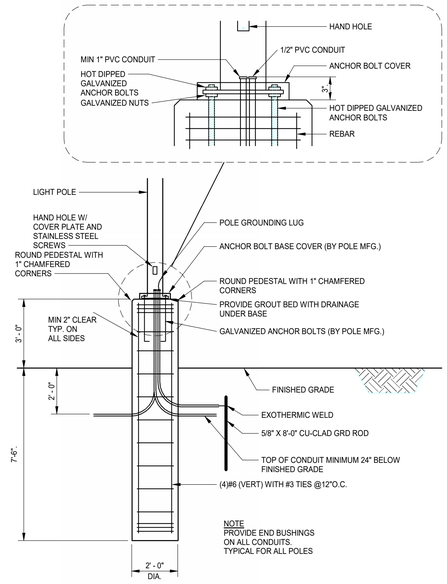
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SITE PLAN - LIGHTING PHOTOMETRICS

1" = 20'-0"



NOTE
PROVIDE END BUSHINGS ON ALL CONDUITS. TYPICAL FOR ALL POLES

PROTECTIVE POLE BASE DETAIL

NO SCALE

EXTERIOR ILLUMINANCE SCHEDULE					
Calculation Points Name	Average	Maximum	Minimum	Avg/Min	Max/Min
SITE BACK/SIDE PARKING LOT	6 fc	15 fc	1 fc	6.4	16.4
SITE FRONT PARKING LOT	4 fc	11 fc	1 fc	6.3	17.4
SITE PROPERTY LINE	0 fc	0 fc	0 fc	179.9	1749.7

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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

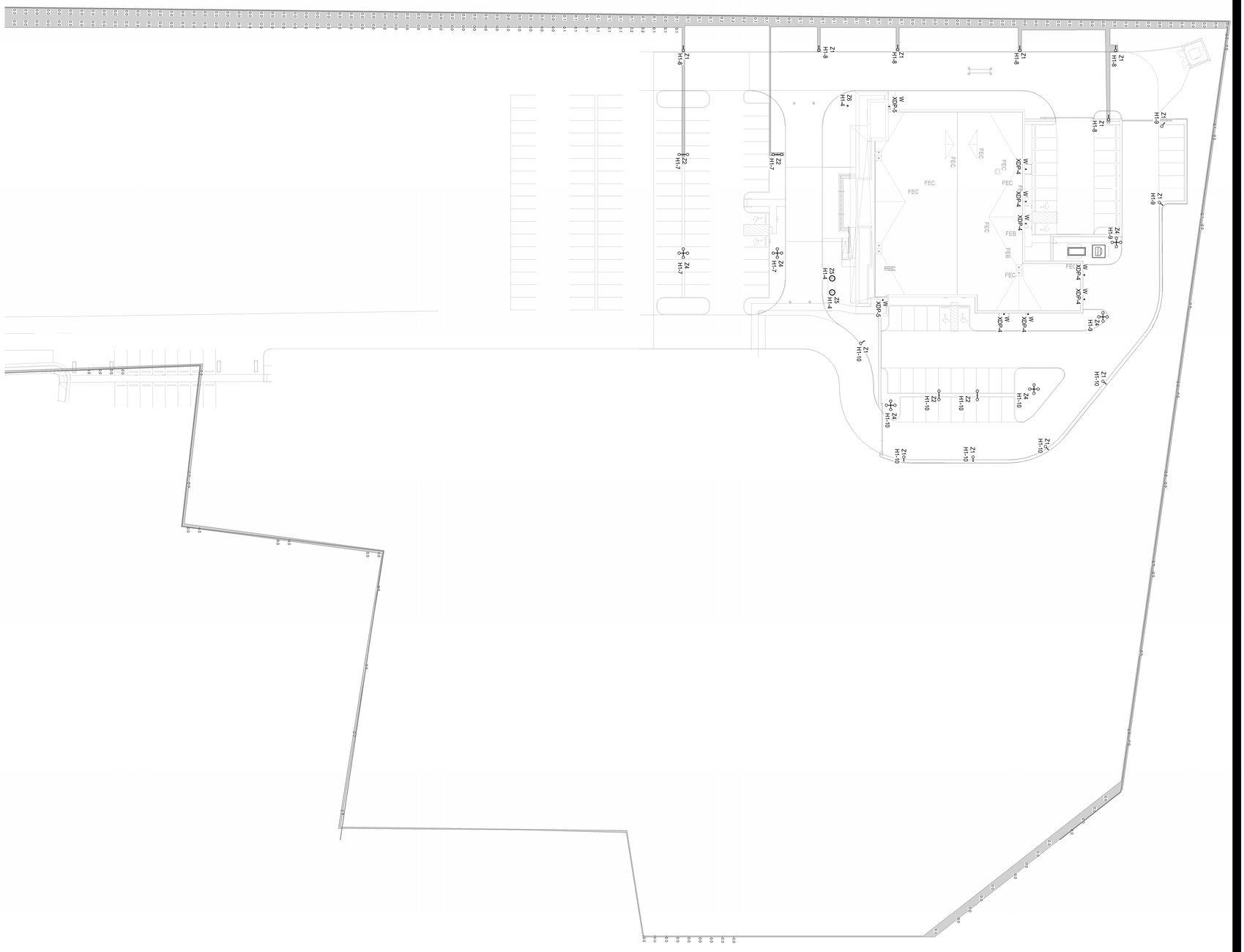
REVISIONS

DATE	DESCRIPTION

SITE PLAN - LIGHTING PHOTOMETRICS

E1.1

2/28/2024 11:00:41 AM



SITE PLAN - LIGHTING PHOTOMETRICS PROP. LINE

1/32" = 1'-0"

E1.2

SITE PLAN - LIGHTING PHOTOMETRICS PROP. LINE

PROJECT NO: 6382.01
DATE: MARCH 1, 2024

DATE	DESCRIPTION
REVISIONS	

STAUNTON J&DR COURTS FACILITY

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LED ARCHITECTURAL WALL MOUNT HALF SPHERE

Revised: 7.27.2023

WML LED

Project Name:	
Type:	



* A sensor and EM shown in the photo are optional.

APPLICATION
The half sphere wall sconce down light is ideal for walkways, building exterior walls, parking areas, entrances, underpasses, loading docks and recreation areas. Wall mounting height requires between 8 feet and 15 feet below.

FEATURES:
- Full cut-off LED wall pack.
- Die-cast aluminum housing with UV stabilized powder coated finish.
- Architectural dark bronze finish standard.
- Down only and Up/Down distribution available.
- Optional occupancy sensor, EM, photocell.

MOUNTING:
- Wall mount (quick mount plate included).
- Easily installed on recessed junction boxes or direct mounts to the wall with feed thru conduit access.

LENS & COVER:
- Low glare providing visual comfort.
- Impact resistant tempered clear glass lens.
- Down only: Forward and Wide Throw available.
- Up/Down: Wide Throw for down only.

LED:
- CRI 70+ (optional 80CRI)
- Color Temperature: 3000/4000/5000(K)
- Down only: up to 119lm/W
- Up/Down: up to 151lm/W
- Field adjustable wattage for down unit only, default 72W.

ELECTRICAL:
- Input Voltage: 120V-277V, 50/60Hz.
- Optional: 10KV surge protector
- Operating temperature: -40°F (-40°C) ~ 104°F (40°C)

LISTING:
- UL/CUL listed.
- Listed to UL 1598 and UL 8750.
- DLC premium listed. [1]
- Certified to ANSI C136.31-2010, 3.0G Vibration Testing.
- Suitable for wet location.
- 5 years limited warranty.
- BAA compliant (Buy American Act).

TYPE W - WALL SCONCE

SCALE: NONE

LED AREA / PARKING / STREET LIGHT

Revised: 7.17.2023

LAP-2G

Project Name:	
Type:	



APPLICATION
For all applications in site, area, and general lighting requiring high uniformity, excellent vertical light distribution, reduced offsite visibility, reduced on-site glare and effective security light levels. The LAP luminaire delivers exceptional performance in a low-profile design.

FEATURES:
- Die-cast aluminium construction body on which electrical components.
- Die-cast integral heat sink to provide thermal management.

MOUNTING:
- PMS: Pole mount arm available for 3", 4" and 5" square pole.
- PMR: Pole mount arm available for 3" (PMR3), 4" (PMR4) and 5" (PMR5) dia. round pole.
- SF: Adjustable slip fitter mount available for pipe installation (1-21/32"O.D to 2-3/8"O.D)
- WM: Wall mount plate.
- Mounting arm bolts are 304 stainless steel and zinc-plated steel.
- MA: Available for 2.375"(O.D) sized Mast Arm Pole.
- MA2: Availabel for 1.900"(O.D) sized Mast Arm Pole.

LED:
- Color Temperature: 3000 / 4000 / 5000K
- Color Rendering Index: 70+ CRI.
- Nichia LED.
- Lifetime: over 50,000 hours.
- Optical lens is used to reduce glare.

ELECTRICAL:
- UL, FCC certified input voltage range: 100V-277V, 50/60Hz
- Power factor >90%, THD <20%
- 72LED: Class 2 LED electronic driver.
- 108LED, 141LED, 188LED: Class 1 electronic driver.
- Operating temperature: -40°C to 40°C (110W can reach +50°C).
- Provided with integrated surge protection (6kV line-line, 10kV line-earth).
- Optional integrated 10kV/10kA surge protection available (SP10).
- Over Voltage Protect : Hiccup mode. The power supply shall return to normal operation only after the power is turn-on again.
- Short Circuit Protect : No damage shall occur when any output operating in a short circuit condition. The power supply shall be self-recovery when the fault condition is removed.
- Over Temperature Protect : 110°C
- Meets ANSI/IEEE C62.41 Category C (outdoors) High.
- Waterproof (IP67) and UL Dry / Damp / Wet Location outdoor LED driver.
- RoHS compliant.
- Complies with Part 15 of the FCC Rules (meets 47 CFR 15, Class B).

OPTIC:
- UV stabilized polycarbonate lens.

LISTING:
- UL / CUL listed.
- Listed to UL 1598 and UL 8750.
- DLC listed. [3]
- ARRA compliant (optional).
- BAA compliant (optional).
- Suitable for wet location.
- Tested to IESNA LM80 standards.
- LM79, LM80.
- 5 years limited warranty.
- 7 or 10 years limited warranty. (optional) [4]
- IP66 Rating.
- Certified to ANSI C136.31-2010, 3.0G Level 2 for Bridge/Overpass Applications.

TYPE Z1, Z2, Z4 - SITE POLE LIGHT

SCALE: NONE

EXTERIOR LIGHT FIXTURE SCHEDULE

FIXTURE						LAMP		COMMENTS
TYPE	DESCRIPTION	MANUFACTURER	SERIES NO.	WATTAGE	LUMENS	TYPE	COLOR TEMP.	
W	EXTERIOR WALL PACK	UTOPIA LIGHTING	WML-SLED/50W-30K-UNVC8-BZ	50	5950 lm	LED	3000 K	MOUNTED ABOVE DOOR
Z1	SINGLE HEAD POLE LIGHT	UTOPIA LIGHTING	LAP-2G-141LED-30K-T3-UNV-DMHS	141	16370 lm	LED	3000 K	POLE 20' + POLE BASE 3' = 23'
Z2	DOUBLE HEAD POLE LIGHT	UTOPIA LIGHTING	LAP-2G-141LED-30K-T3-UNV-DM	282	32740 lm	LED	3000 K	POLE 20' + POLE BASE 3' = 23'
Z4	FOUR HEAD POLE LIGHT	UTOPIA LIGHTING	LAP-2G-141LED-30K-T3-UNV-DM	564	65480 lm	LED	3000 K	POLE 20' + POLE BASE 3' = 23'
Z5	INGROUND FLAG POLE LIGHT	LUMASCAPE	LS3062-25D-830-A-M-84-NV-23-Q-09-ND	25	2245 lm	LED	3000 K	
Z6	SIGNAGE SPOT LIGHT	INSIGHT LIGHTING	PS6-HO-30K-OK-STK-277-TBR	30	2200 lm	LED	3000 K	

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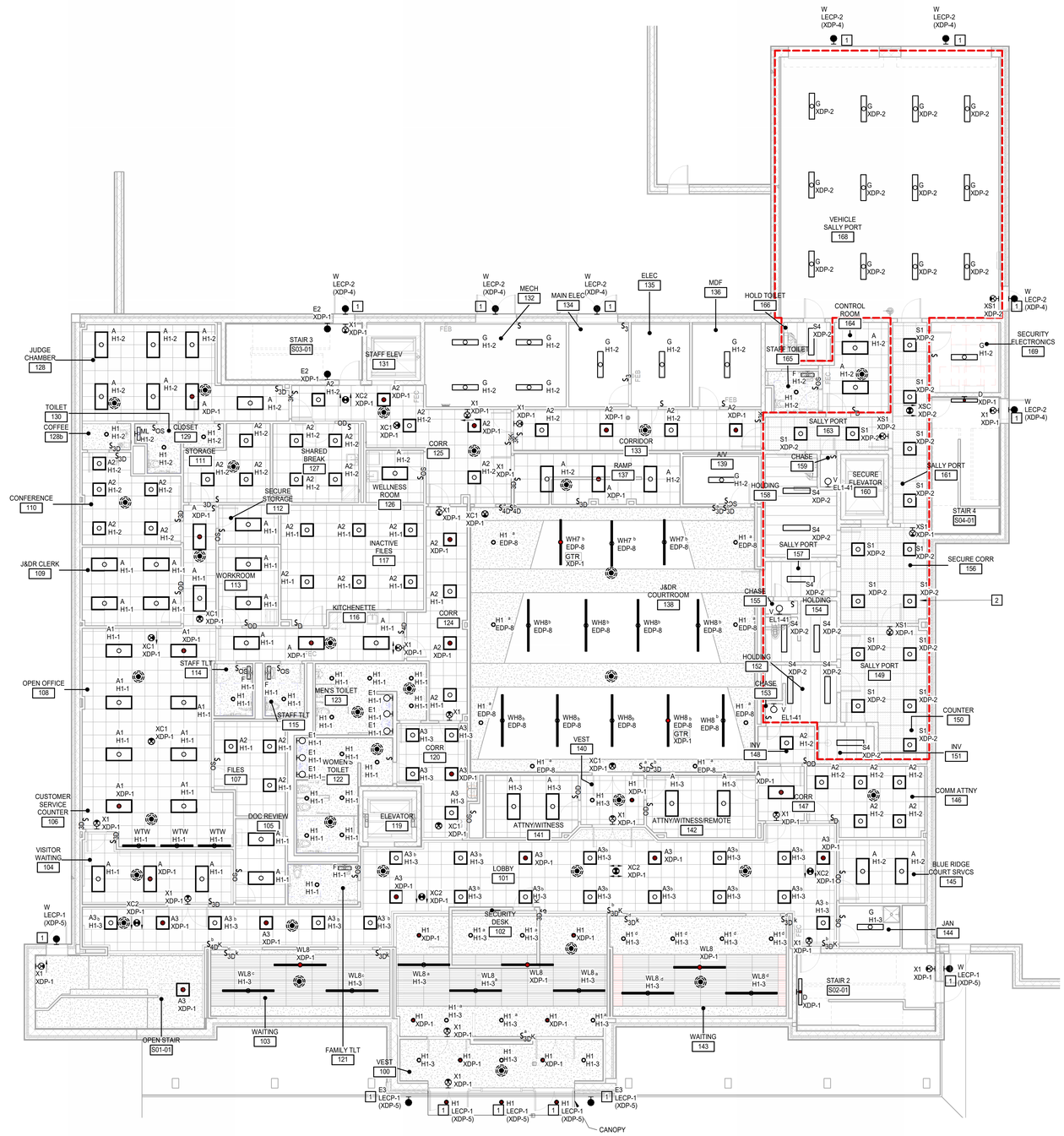
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DATE	DESCRIPTION

EXTERIOR LIGHT FIXTURE SCHEDULE

E1.3

2/28/2024 11:00:50 AM



FIRST FLOOR PLAN - LIGHTING

1/8" = 1'-0"

GENERAL NOTES

A. ALL EGRESS LIGHT FIXTURES AND EXIT SIGNS SHALL BE UNSWITCHED UNO.

B . REFER TO ARCHITECTURAL OR INTERIOR PLANS FOR ADDITIONAL INFORMATION.

KEYNOTES

APPLIES TO DRAWINGS E2.1.1
REPRESENTED BY n

1. REFER TO LIGHTING CONTACTOR DETAIL ON E4.1 FOR LIGHTING CONTROL. PROVIDE 2#10,#10G,3/4" FOR WIRES/CONDUIT.

2. ALL LIGHT FIXTURES(EXCEPT TYPE "V") WITHIN THE RED DASHED LINE (HOLDING CELLS HOLDING AREAS, SECURE CORRIDORS, COUNTERS, SALLYPORTS) SHALL BE CONTROLLED BY RELAY PANEL (RP) IN CONTROL ROOM 164. REFER TO RELAY PANEL SCHEDULE - RP.

277 RELAY SCHEDULE - RP

LOCATION: CENTRAL CONTROL / 164

RELAY	CIRCUIT	CIRCUIT DESCRIPTION	CONTROL MEANS	NOTES
RP-1	XDP-2	HOLDING: 152, 154, 158 SALLYPORT: 163, 161, 157, 149 INVESTIGATOR: 151 SECURE CORR.: 156 COUNTER: 150 HOLD TOILET: 166 VEHICLE SALLYPORT: 168	SECURITY SYSTEM	
RP-2	XDP-3	HOLDING: 255, 259, 260 SALLYPORT: 252, 256A, 258 SECURE CORR.: 253 INVESTIGATOR: 262 HOLDING BENCH: 261	SECURITY SYSTEM	
RP-3	SPARE			
RP-4	SPARE			
RP-5	SPARE			
RP-6	SPARE			

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PROJECT NO: 630874
DATE: MARCH 1, 2024

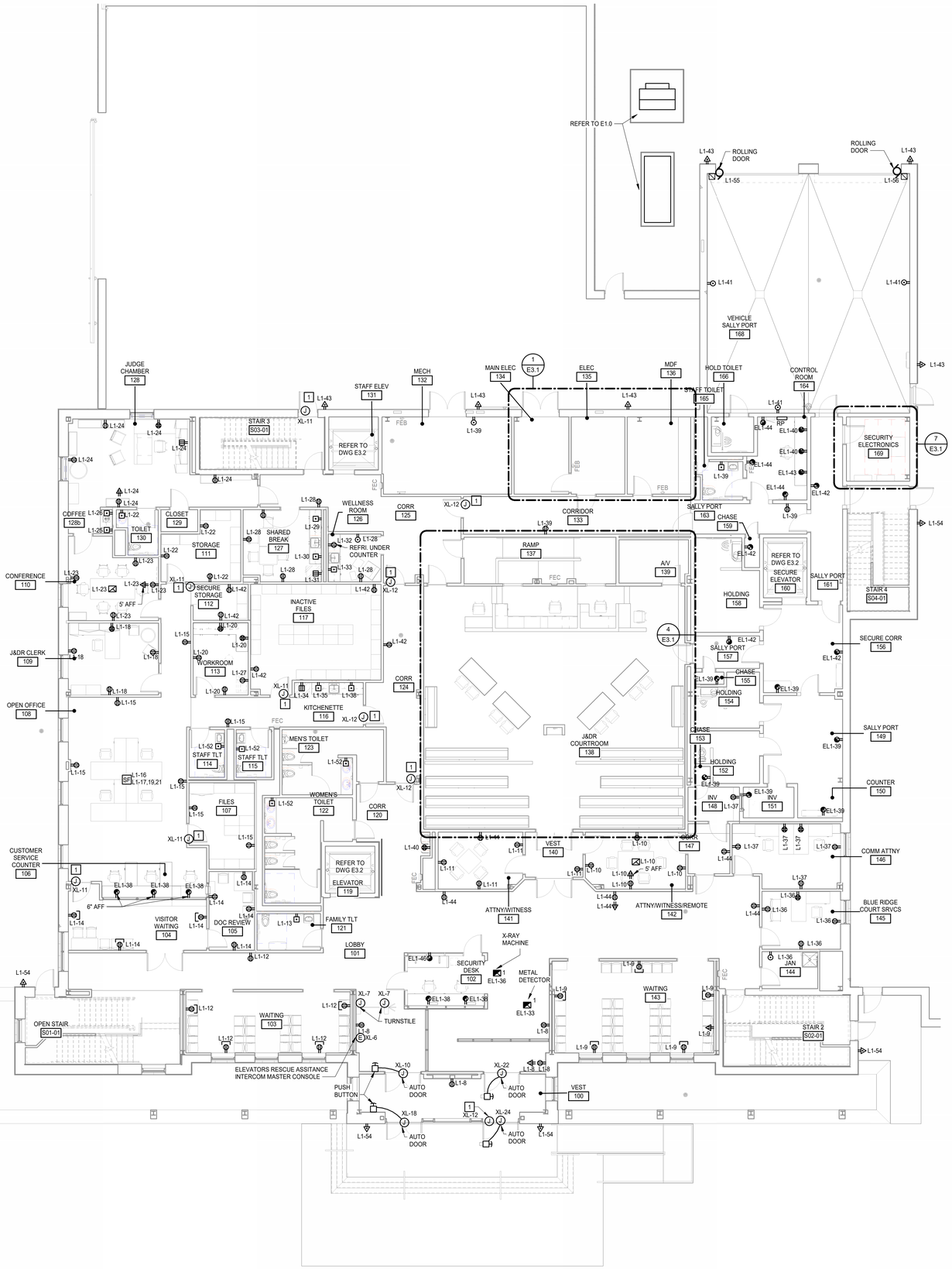
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DATE	DESCRIPTION

FIRST FLOOR PLAN - LIGHTING

E2.1.1

2/28/2024 11:00:58 AM



GENERAL NOTES

A . REFER TO ARCHITECTURAL OR INTERIOR PLANS FOR ADDITIONAL INFORMATION INCLUDING LOCATIONS AND HEIGHTS OF RECEPTACLES, JUNCTION BOXES, AND CONTROL SWITCHES.

B. REFER TO COMMUNICATIONS DRAWINGS FOR ADDITIONAL INFORMATION AND DETAILS.

C. REFER TO SECURITY SE SERIES DRAWINGS FOR ADDITIONAL DIV 26 WORK.

D. COORDINATE CORE DRILL LOCATION FOR THE FLOOR POWER BOXES WITH ARCHITECT PRIOR DRILLING

KEYNOTES

APPLIES TO DRAWINGS E2.1.2
REPRESENTED BY n

1. PROVIDE POWER AS INDICATED FOR SECURITY SYSTEM.

FIRST FLOOR PLAN - POWER
1/8" = 1'-0"

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FIRST FLOOR PLAN - POWER

E2.1.2

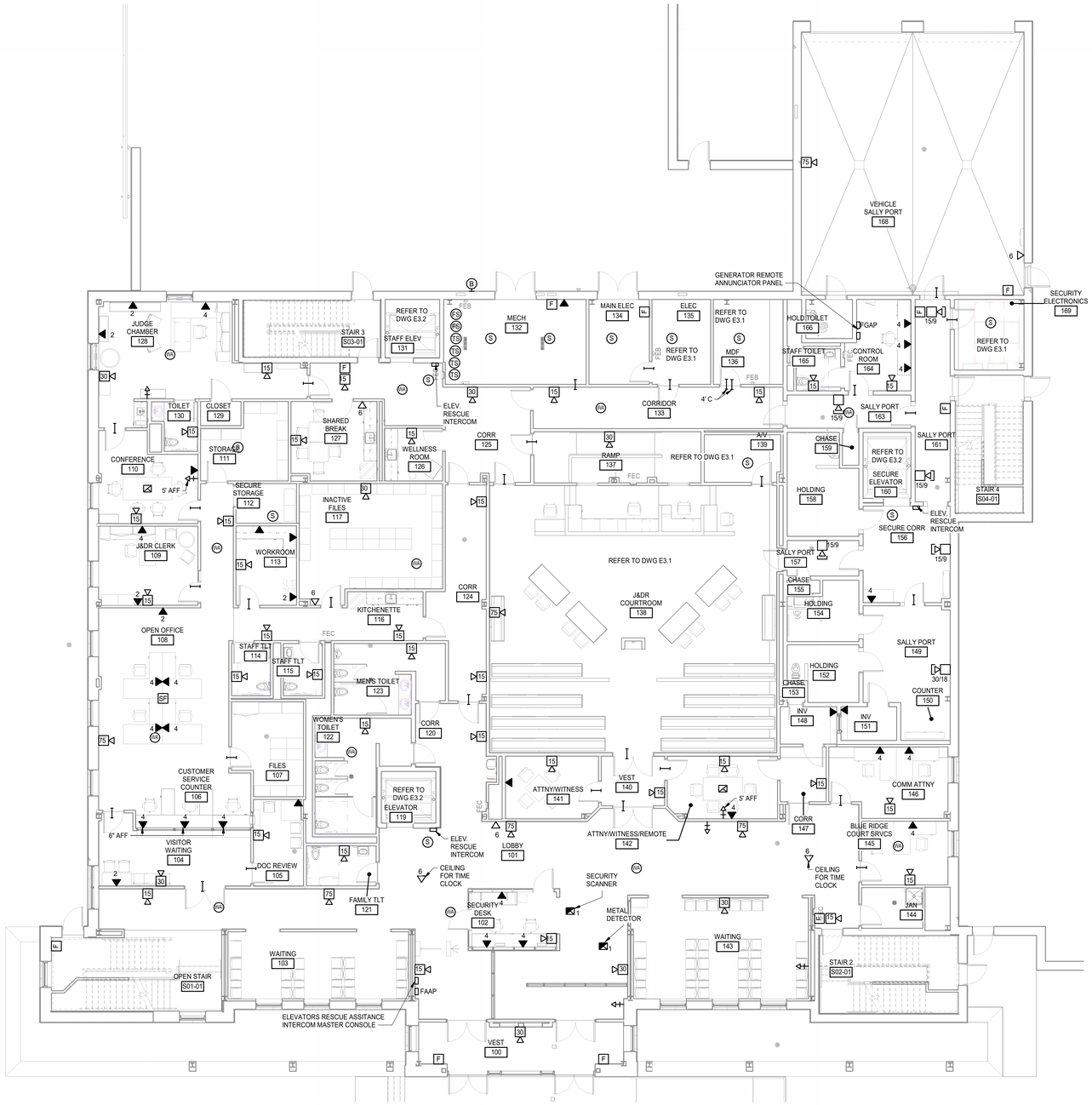
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GENERAL NOTES

A. REFER TO ARCHITECTURAL OR INTERIOR PLANS FOR ADDITIONAL INFORMATION INCLUDING LOCATIONS AND HEIGHTS OF OUTLETS, JUNCTION BOXES.

B. REFER TO SECURITY/CAMERA DRAWINGS FOR ADDITIONAL INFORMATION.

C. REFER TO TA (AV SYSTEM & PAGING) DRAWINGS FOR ADDITIONAL INFORMATION.



FIRST FLOOR PLAN - COMMUNICATIONS

1/8" = 1'-0"

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FIRST FLOOR PLAN - COMMUNICATION

E2.1.3

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FIRST FLOOR PLAN - MECH POWER

1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE LOCATION OF ALL DISCONNECTS, CONTROL PANELS, & ELECTRICAL CONNECTIONS WITH MECHANICAL AND PLUMBING.

KEYNOTES

APPLIES TO DRAWINGS E2.1.4
REPRESENTED BY n

1. REFER TO FIRE PROTECTION PLANS FOR ADDITIONAL INFORMATION.
2. CIRCUIT XL-17 SHALL BE USED FOR ALL FIRE DAMPERS ON THIS FLOOR.

DIV. 22 & 23 EQUIPMENT ELECTRICAL SCHEDULE - E2.1.4

NAME	VOLTAGE	PHASE	P/BD	CKT	DISCONNECTING MEANS	FEEDER SIZE	NOTES
AIR COMPRESSOR	120 V	1	XL	14	NOTE 3	2#12,#12G, 3/4"C	
B-1	120 V	1	L1M	1	NOTE 2	2#12,#12G, 3/4"C	
B-2	120 V	1	L1M	2	NOTE 2	2#12,#12G, 3/4"C	
CUH-01	120 V	1	L1M	9	NOTE 2	2#12,#12G, 3/4"C	
CUH-02	120 V	1	L1M	8	NOTE 2	2#12,#12G, 3/4"C	
CUH-03	120 V	1	L1M	9	NOTE 2	2#12,#12G, 3/4"C	
CUH-04	120 V	1	L1M	8	NOTE 2	2#12,#12G, 3/4"C	
DBP-1	480 V	3	H1	21,23,25	NOTE 4	4#10,#10G, 3/4"C	
DSS-1A	208 V	1			NOTE 2	3#12,#12G, 3/4"C	FED FROM OUTSIDE UNIT DSS-1B
DSS-2A	208 V	1			NOTE 2	3#12,#12G, 3/4"C	FED FROM OUTSIDE UNIT DSS-2B
DSS-3A	208 V	1			NOTE 2	3#12,#12G, 3/4"C	FED FROM OUTSIDE UNIT DSS-3B
EUH-01	277 V	1	H1	24	NOTE 2	2#12,#12G, 3/4"C	
F-01	120 V	1	L1M	18	NOTE 2	2#12,#12G, 3/4"C	
F-02	120 V	1	L1M	19	NOTE 2	2#12,#12G, 3/4"C	
F-03	120 V	1	L1M	20	NOTE 2	2#12,#12G, 3/4"C	
GWH-1	120 V	1	L1M	3	NOTE 4	2#12,#12G, 3/4"C	
IS-1	120 V	1	L1M	5	NOTE 4	2#12,#12G, 3/4"C	
IS-2	120 V	1	L1M	6	NOTE 4	2#12,#12G, 3/4"C	
P-1	120 V	1	L1M	10	NOTE 2	2#12,#12G, 3/4"C	
P-2	120 V	1	L1M	11	NOTE 2	2#12,#12G, 3/4"C	
P-3	208 V	1	L1M	12,14	NOTE 2	3#12,#12G, 3/4"C	
P-4	208 V	1	L1M	15,17	NOTE 2	3#12,#12G, 3/4"C	
PREACTION CONTROL PANEL	120 V	1	XL	15	NOTE 3	2#12,#12G, 3/4"C	
RCP-1	120 V	1	L1M	4	NOTE 4	2#12,#12G, 3/4"C	
TPV-1	120 V		L1M	21	NOTE 4	2#12,#12G, 3/4"C	
TU1-01	277 V	1	H1	17	NOTE 1	2#12,#12G, 3/4"C	
TU1-02	277 V	1	H1	18	NOTE 1	2#12,#12G, 3/4"C	
TU1-03	277 V	1	H1	17	NOTE 1	2#12,#12G, 3/4"C	
TU1-04	120 V	1	L1M	16	NOTE 1	2#12,#12G, 3/4"C	
TU1-05	120 V	1	L1M	16	NOTE 1	2#12,#12G, 3/4"C	
TU1-06	120 V	1	L1M	13	NOTE 1	2#12,#12G, 3/4"C	
TU1-07	120 V	1	L1M	13	NOTE 1	2#12,#12G, 3/4"C	
TU1-08	277 V	1	H1	22	NOTE 1	2#12,#12G, 3/4"C	
TU1-09	120 V	1	L1M	13	NOTE 1	2#12,#12G, 3/4"C	
TU1-10	120 V	1	L1M	13	NOTE 1	2#12,#12G, 3/4"C	
TU1-11	277 V	1	H1	22	NOTE 1	2#12,#12G, 3/4"C	
TU1-12	277 V	1	H1	22	NOTE 1	2#12,#12G, 3/4"C	
TU1-13	120 V	1	L1M	13	NOTE 1	2#12,#12G, 3/4"C	
TU1-14	120 V	1	L1M	16	NOTE 1	2#12,#12G, 3/4"C	
TU1-15	277 V	1	H1	19	NOTE 1	2#12,#12G, 3/4"C	
TU1-17	277 V	1	H1	19	NOTE 1	2#12,#12G, 3/4"C	
UH-01	120 V	1	L1M	7	NOTE 2	2#12,#12G, 3/4"C	
UH-02	120 V	1	L1M	7	NOTE 2	2#12,#12G, 3/4"C	
UH-03	120 V	1	L1M	7	NOTE 2	2#12,#12G, 3/4"C	
UH-04	120 V	1	L1M	7	NOTE 2	2#12,#12G, 3/4"C	
UH-05	120 V	1	L1M	7	NOTE 2	2#12,#12G, 3/4"C	

NOTES:
1. PROVIDE MOTOR RATED SWITCH. MOUNT ON OR ADJACENT TO THE UNIT. LOCATION SHALL BE FIELD DETERMINED.
2. PROVIDED BY DIV 23.
3. PROVIDE BY DIV 21.
4. PROVIDED BY DIV 22.

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DATE	DESCRIPTION

FIRST FLOOR PLAN - MECH POWER

E2.1.4

2/28/2024 11:02:03 AM



N

SECOND FLOOR PLAN - LIGHTING

1/8" = 1'-0"

GENERAL NOTES

A. ALL EGRESS LIGHT FIXTURES AND EXIT SIGNS SHALL BE UNSWITCHED UNO.

B . REFER TO ARCHITECTURAL OR INTERIOR PLANS FOR ADDITIONAL INFORMATION.

KEYNOTES

APPLIES TO DRAWINGS E2.2.1
REPRESENTED BY [n]

1. xxxx

2. (Not used yet) ALL LIGHT FIXTURES(EXCEPT TYPE "xx") WITHIN THE RED DASHED LINE (HOLDING CELLS,HOLDING AREAS, INMATE CORRIDORS) SHALL BE CONTROLLED BY RELAY PANEL (RP) IN CONTROL ROOM 164. REFER TO RELAY PANEL SCHEDULE - RP ON E2.1.1.

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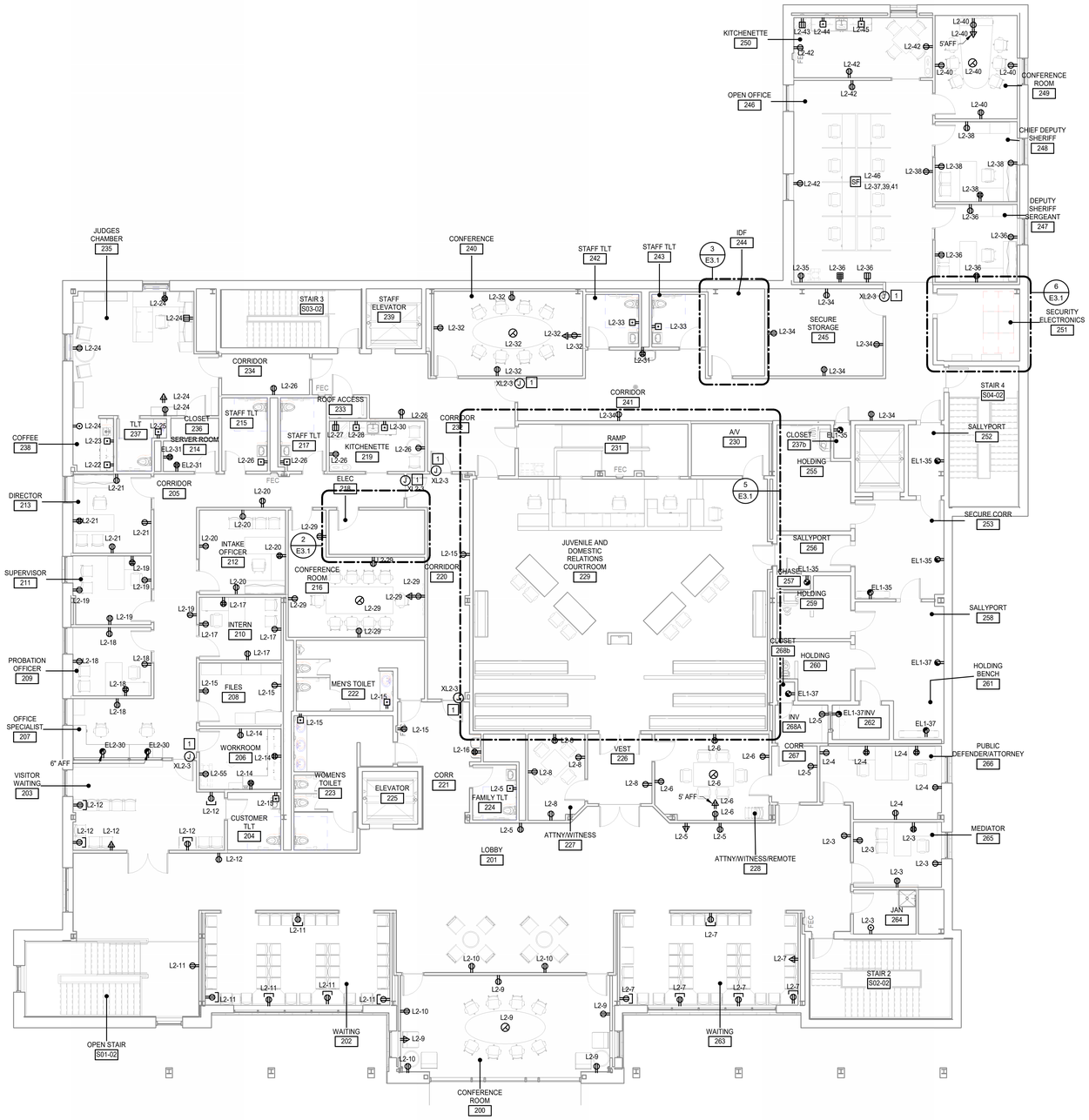
REVISIONS

DATE	DESCRIPTION

SECOND FLOOR PLAN - LIGHTING

E2.2.1

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SECOND FLOOR PLAN - POWER

1/8" = 1'-0"

GENERAL NOTES

A . REFER TO ARCHITECTURAL OR INTERIOR PLANS FOR ADDITIONAL INFORMATION INCLUDING LOCATIONS AND HEIGHTS OF RECEPTACLES, JUNCTION BOXES, AND CONTROL SWITCHES.

B. REFER TO COMMUNICATIONS DRAWINGS FOR ADDITIONAL INFORMATION AND DETAILS.

C. REFER TO SECURITY SE SERIES DRAWINGS FOR ADDITIONAL DIV 26 WORK.

D. COORDINATE CORE DRILL LOCATION FOR THE FLOOR POWER BOXES WITH ARCHITECT PRIOR DRILLING

KEYNOTES

APPLIES TO DRAWINGS E2.2.2
REPRESENTED BY n

1. PROVIDE POWER AS INDICATED FOR SECURITY SYSTEM.

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SECOND FLOOR PLAN - POWER

E2.2.2

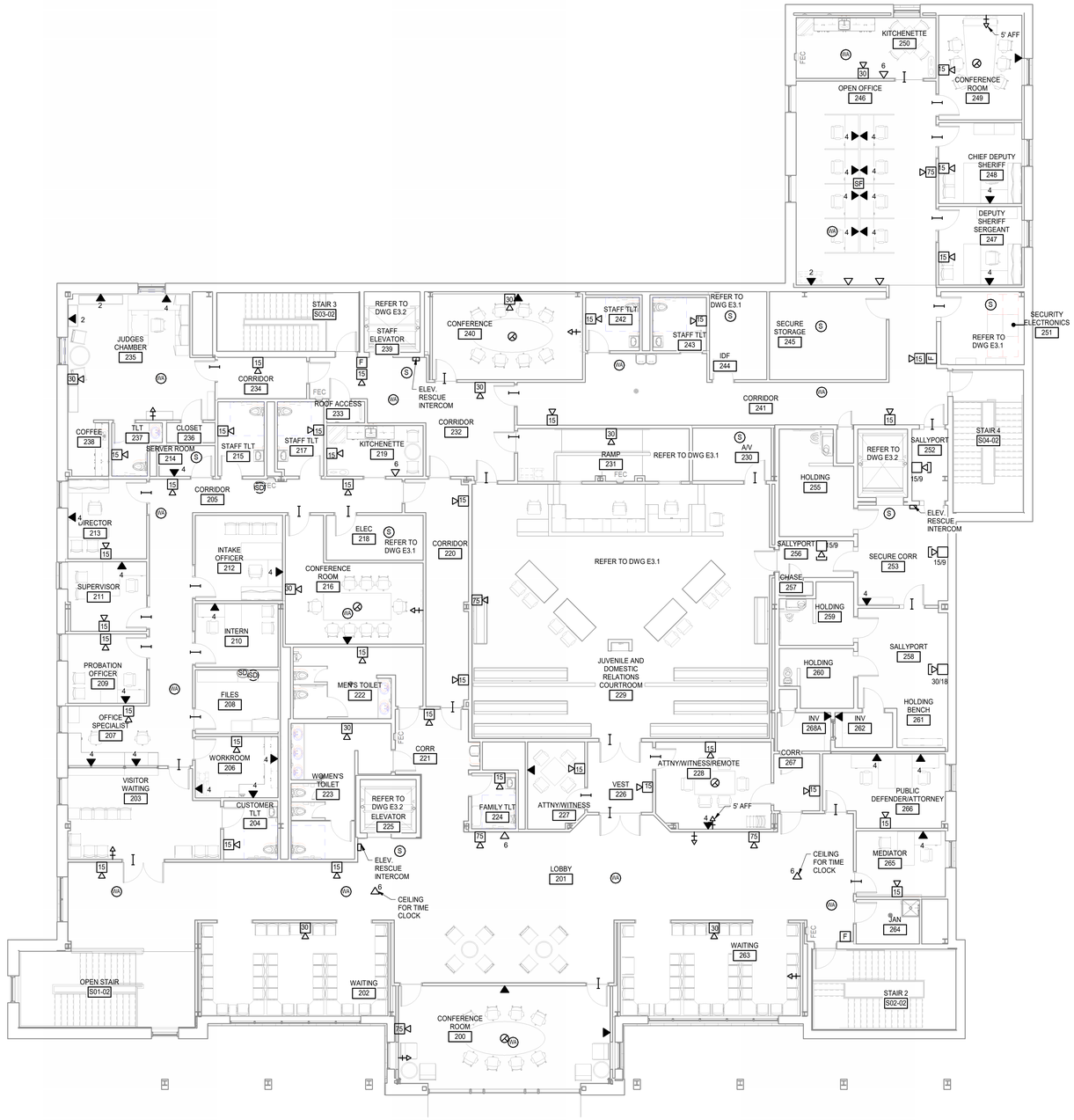
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GENERAL NOTES

A . REFER TO ARCHITECTURAL OR INTERIOR PLANS FOR ADDITIONAL INFORMATION INCLUDING LOCATIONS AND HEIGHTS OF OUTLETS, JUNCTION BOXES.

B. REFER TO SECURITY/CAMERA DRAWINGS FOR ADDITIONAL INFORMATION.

C. REFER TO TA (AV SYSTEM & PAGING) DRAWINGS FOR ADDITIONAL INFORMATION.



N

SECOND FLOOR PLAN - COMMUNICATIONS

1/8" = 1'-0"

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REVISIONS	
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SECOND FLOOR PLAN - COMMUNICATION

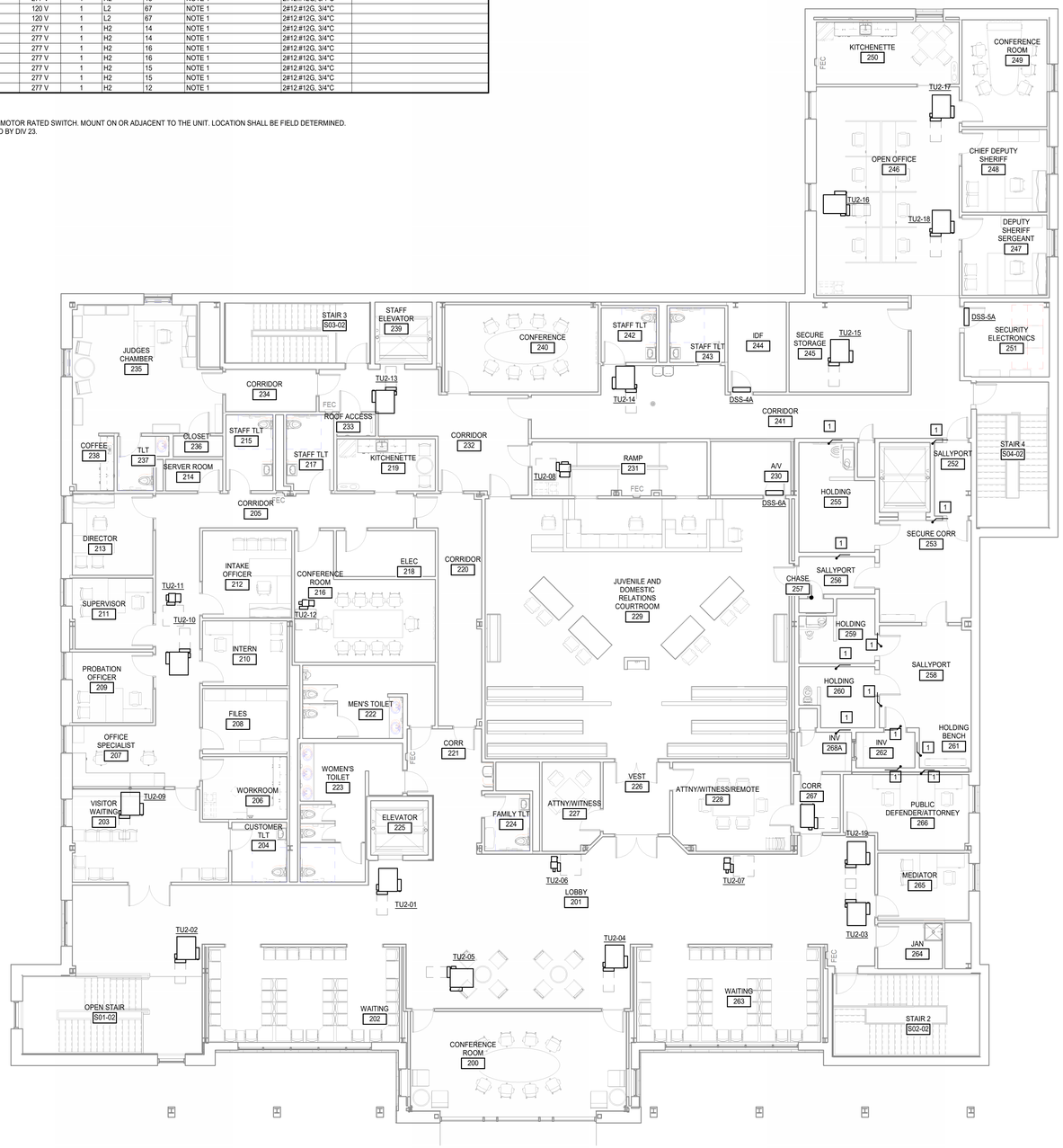
E2.2.3

2/28/2024 11:02:22 AM

DIV. 22 & 23 EQUIPMENT ELECTRICAL SCHEDULE - E2.2.4

NAME	VOLTAGE	PHASE	P/BD	CKT	DISCONNECTING MEANS	FEEDER SIZE	NOTES
DSS-4A	208 V	1			NOTE 2	3#12,#12G, 3/4"C	FED FROM OUTSIDE UNIT DSS-4B
DSS-5A	208 V	1			NOTE 2	3#12,#12G, 3/4"C	FED FROM OUTSIDE UNIT DSS-5B
DSS-6A	208 V	1			NOTE 2	3#12,#12G, 3/4"C	FED FROM OUTSIDE UNIT DSS-6B
TU2-01	277 V	1	H2	11	NOTE 1	2#12,#12G, 3/4"C	
TU2-02	277 V	1	H2	11	NOTE 1	2#12,#12G, 3/4"C	
TU2-03	277 V	1	H2	12	NOTE 1	2#12,#12G, 3/4"C	
TU2-04	277 V	1	H2	17	NOTE 1	2#12,#12G, 3/4"C	
TU2-05	277 V	1	H2	17	NOTE 1	2#12,#12G, 3/4"C	
TU2-06	120 V	1	L2	68	NOTE 1	2#12,#12G, 3/4"C	
TU2-07	120 V	1	L2	68	NOTE 1	2#12,#12G, 3/4"C	
TU2-08	120 V	1	L2	67	NOTE 1	2#12,#12G, 3/4"C	
TU2-09	277 V	1	H2	13	NOTE 1	2#12,#12G, 3/4"C	
TU2-10	277 V	1	H2	13	NOTE 1	2#12,#12G, 3/4"C	
TU2-11	120 V	1	L2	67	NOTE 1	2#12,#12G, 3/4"C	
TU2-12	120 V	1	L2	67	NOTE 1	2#12,#12G, 3/4"C	
TU2-13	277 V	1	H2	14	NOTE 1	2#12,#12G, 3/4"C	
TU2-14	277 V	1	H2	14	NOTE 1	2#12,#12G, 3/4"C	
TU2-15	277 V	1	H2	16	NOTE 1	2#12,#12G, 3/4"C	
TU2-16	277 V	1	H2	16	NOTE 1	2#12,#12G, 3/4"C	
TU2-17	277 V	1	H2	15	NOTE 1	2#12,#12G, 3/4"C	
TU2-18	277 V	1	H2	15	NOTE 1	2#12,#12G, 3/4"C	
TU2-19	277 V	1	H2	12	NOTE 1	2#12,#12G, 3/4"C	

NOTES:
1. PROVIDE MOTOR RATED SWITCH. MOUNT ON OR ADJACENT TO THE UNIT. LOCATION SHALL BE FIELD DETERMINED.
2. PROVIDED BY DIV 23.



SECOND FLOOR PLAN - MECH POWER

1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE LOCATION OF ALL DISCONNECTS, CONTROL PANELS, & ELECTRICAL CONNECTIONS WITH MECHANICAL AND PLUMBING.

KEYNOTES

APPLIES TO DRAWINGS E2.2.4
REPRESENTED BY n

1. CIRCUIT XL2-24 SHALL BE USED FOR ALL FIRE DAMPERS ON THIS FLOOR.

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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS
DATE DESCRIPTION

SECOND FLOOR PLAN - MECH POWER

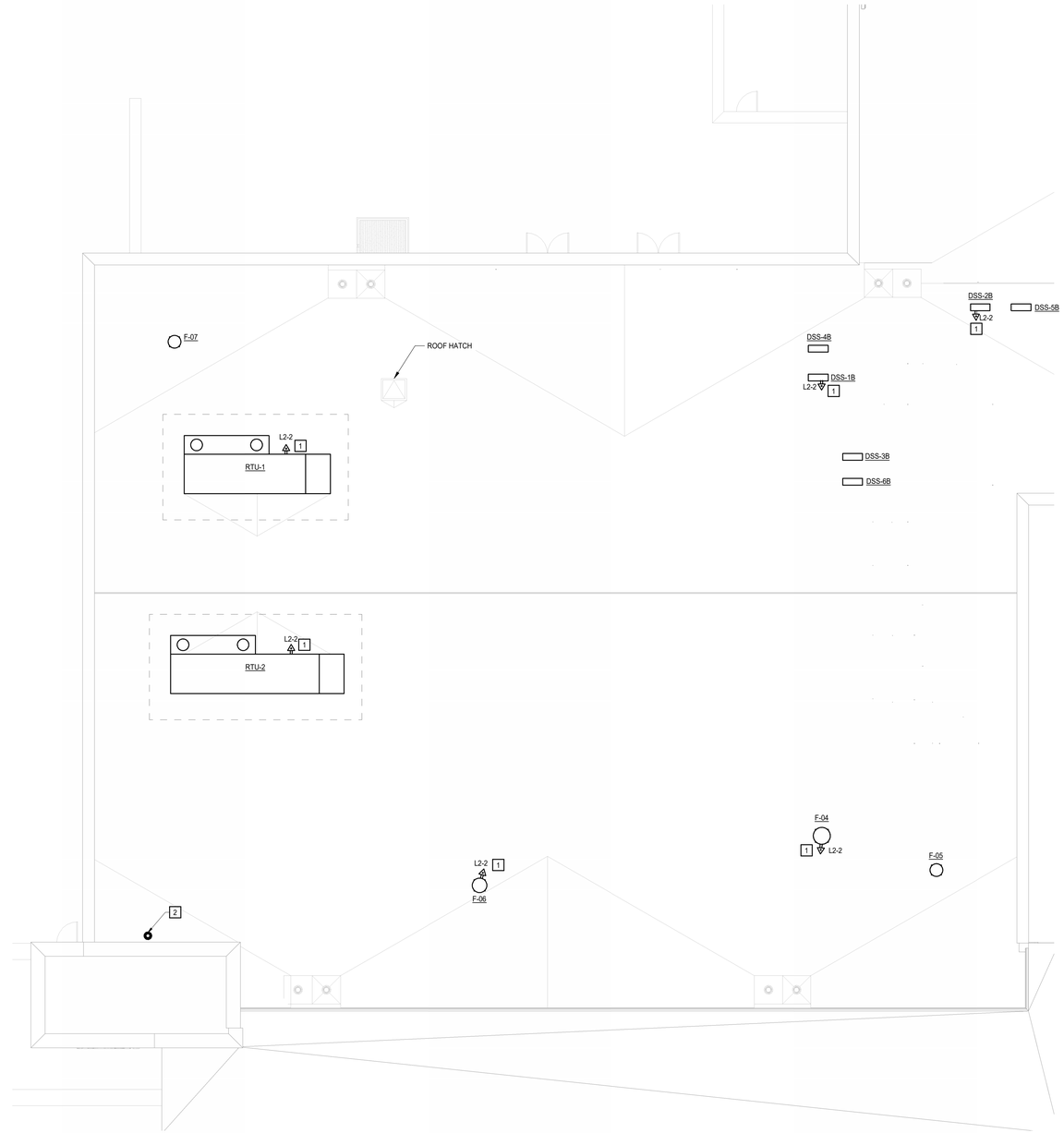
E2.2.4

2/28/2024 11:03:09 AM

DIV. 22 & 23 EQUIPMENT ELECTRICAL SCHEDULE - E2.4

NAME	VOLTAGE	PHASE	PIBD	CKT	DISCONNECTING MEANS	FEEDER SIZE	NOTES
DSS-1B	208 V	1	EL2	33,35	NOTE 1	3#10,#10G, 3/4"C	
DSS-2B	208 V	1	EL2	32,34	NOTE 1	3#12,#12G, 3/4"C	
DSS-3B	208 V	1	EL2	37,39	NOTE 1	3#12,#12G, 3/4"C	
DSS-4B	208 V	1	EL2	36,38	NOTE 1	3#12,#12G, 3/4"C	
DSS-5B	208 V	1	EL2	41,43	NOTE 1	3#12,#12G, 3/4"C	
DSS-6B	208 V	1	EL2	40,42	NOTE 1	3#12,#12G, 3/4"C	
F-04	120 V	1	L2	69	NOTE 2	2#12,#12G, 3/4"C	
F-05	120 V	1	L2	70	NOTE 1	2#12,#12G, 3/4"C	
F-06	120 V	1	L2	71	NOTE 1	2#12,#12G, 3/4"C	
F-07	120 V	1	L2	72	NOTE 1	2#12,#12G, 3/4"C	
RTU-1	480 V	3	H2	25,27,29	NOTE 1	4#8,#10G, 3/4"C	
RTU-2	480 V	3	H2	26,28,30	NOTE 1	4#8,#10G, 3/4"C	

NOTES:
1. PROVIDED BY DIV 23.
2. PROVIDE NEMA 3R, 120V/1P,30A NON-FUSE DISCONNECT. MOUNT ON OR ADJACENT TO THE UNIT. LOCATION SHALL BE FIELD DETERMINED.



ROOF PLAN - ELECTRICAL
1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE LOCATION OF ALL DISCONNECTS, CONTROL PANELS, & ELECTRICAL CONNECTIONS WITH MECHANICAL AND PLUMBING.

KEYNOTES

APPLIES TO DRAWINGS E2.4
REPRESENTED BY n

1. MOUNTED ON UNIT.

2. DIRECTIONAL ANTENNA LOCATION TO BE DETERMINED IN THE FIELD.

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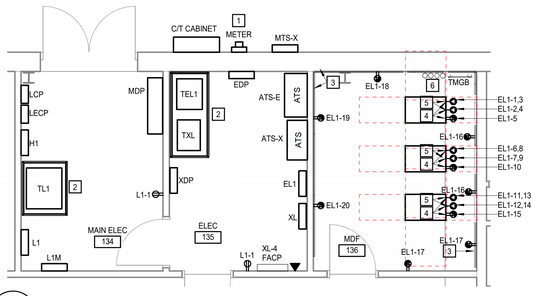
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

ROOF PLAN - ELECTRICAL

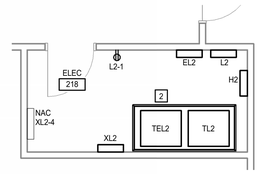
E2.3

2/28/2024 11:03:16 AM



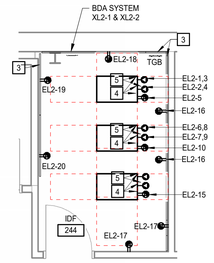
1 E2.1.2 E3.1 **MAIN ELEC RM #134 , ELEC RM #135, & MDF RM #136**

1/4" = 1'-0"



2 E2.2.2 E3.1 **ELEC RM #218**

1/4" = 1'-0"



3 E2.2.2 E3.1 **IDF RM #244**

1/4" = 1'-0"

GENERAL NOTES

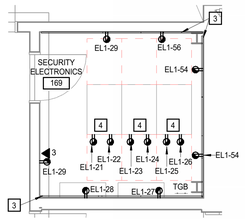
A. REFER TO SECURITY/CAMERA DRAWINGS FOR ADDITIONAL INFORMATION.

B. REFER TO TA (AV SYSTEM & PAGING) DRAWINGS FOR ADDITIONAL INFORMATION.

KEYNOTES

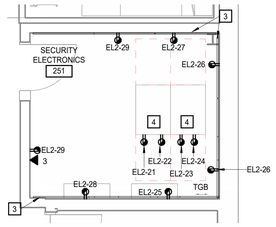
APPLIES TO DRAWINGS E3.1
REPRESENTED BY n

1. CONTRACTOR INSTALLED UTILITY CO. KWH METER. PROVIDE 1-1/4" RGS CONCEALED CONDUIT FROM CT COMPARTMENT FOR UTILITY WIRING. FINAL LOCATION OF KWH METER SHALL BE DETERMINED BY POWER UTILITY COMPANY.
2. TRANSFORMER SHALL BE CONCRETE PAD MOUNTED.
3. PROVIDE 4'X8'X3/4" FIRE RATED PLYWOOD. PAINT WHITE.
4. MOUNT DEVICE TO EQUIPMENT RACK AT TOP OF RACK. DO NOT OBSTRUCT RACK SPACE. ROUTE FLEXIBLE METALLIC CABLE STRAPPED TO RACK UP TO JUNCTION BOX ABOVE CEILING FOR HOMERUN IN EMT CONDUIT.
5. RECEPTACLE SHALL BE L6-30R VIA 2#10,#10,3/4"C.
6. PROVIDE FOUR 4" CONDUITS FROM THE MDF UP TO IDF/224 FOR TELE/DATA CABLING. ROUTE CAN BE DETERMINED IN THE FIELD.



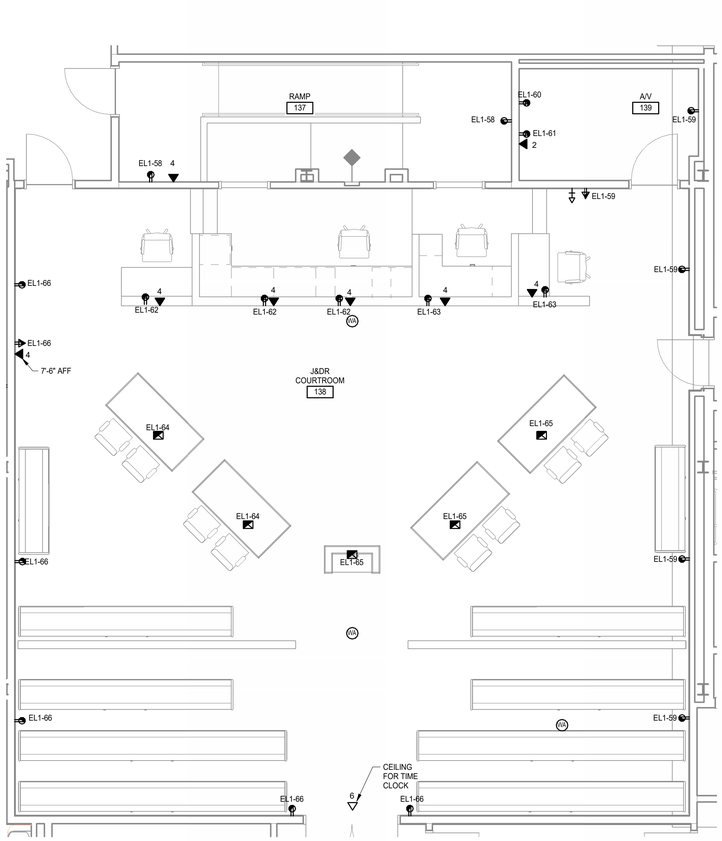
7 E2.1.2 E3.1 **SECURITY ELECTRONICS #169**

1/4" = 1'-0"



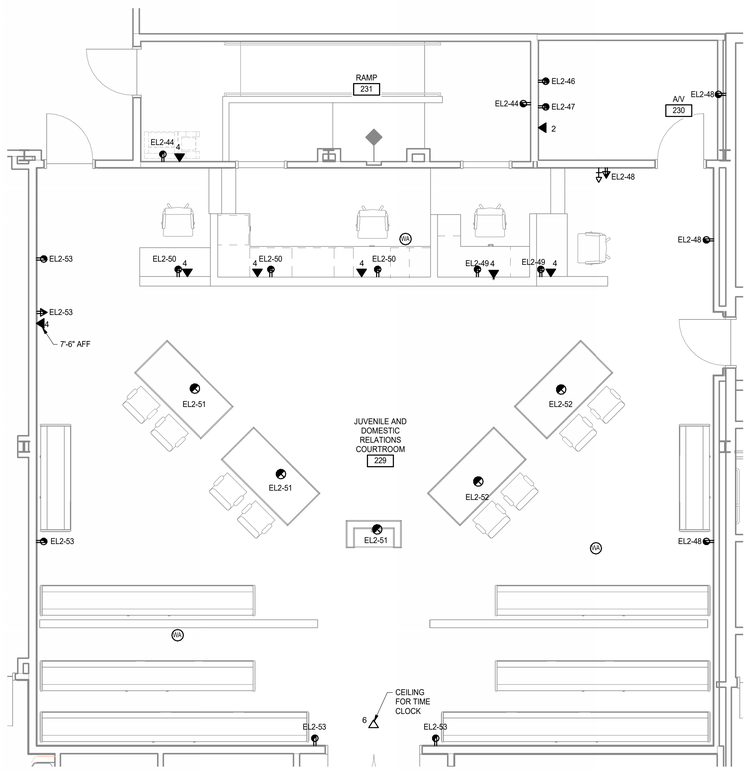
6 E2.2.2 E3.1 **SECURITY ELECTRONICS #251**

1/4" = 1'-0"



4 E2.1.2 E3.1 **J & DR COURTROOM/138**

1/4" = 1'-0"



5 E2.2.2 E3.1 **JUVENILE AND DOMESTIC RELATIONS COURTROOM/229**

1/4" = 1'-0"

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DATE: MARCH 1, 2024

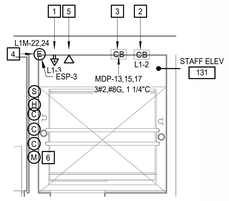
REVISIONS

DATE	DESCRIPTION

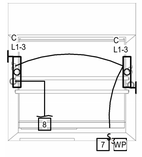
ENLARGED PLANS

E3.1

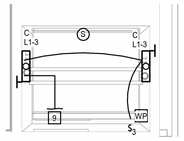
2/28/2024 11:03:23 AM



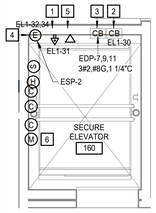
STAFF ELEV (131) PIT - POWER & LOW VOLTAGE SYSTEMS
1/4" = 1'-0"



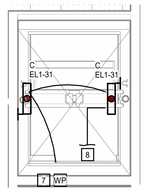
STAFF ELEVATOR (131) PIT - LIGHTING
1/4" = 1'-0"



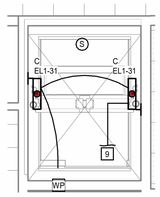
STAFF ELEVATOR (131) TOP - LIGHTING & LOW VOLTAGE SYSTEMS
1/4" = 1'-0"



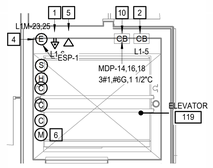
SECURE ELEVATOR (254) PIT - POWER & LOW VOLTAGE SYSTEMS
1/4" = 1'-0"



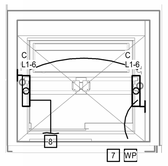
SECURE ELEVATOR (254) PIT - LIGHTING
1/4" = 1'-0"



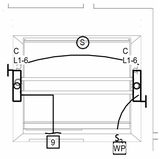
SECURE ELEVATOR (254) TOP - LIGHTING & LOW VOLTAGE SYSTEMS
1/4" = 1'-0"



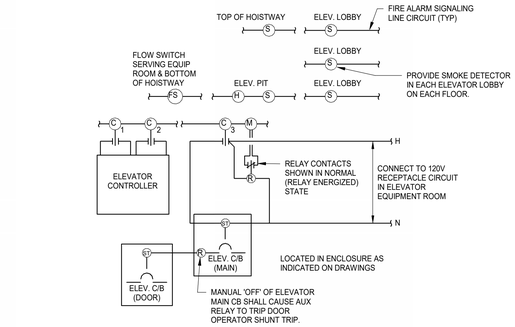
PUBLIC ELEVATOR (119) PIT - POWER & LOW VOLTAGE SYSTEMS
1/4" = 1'-0"



PUBLIC ELEVATOR (119) PIT - LIGHTING
1/4" = 1'-0"



PUBLIC ELEVATOR (119) TOP - LIGHTING & LOW VOLTAGE SYSTEMS
1/4" = 1'-0"



LEGEND

- NORMALLY OPEN CONTACT
- NORMALLY CLOSED CONTACT
- ST — SHUNT TRIP COIL/BREAKER (VERIFY CONTROL VOLTAGE - PROVIDE TRANSFORMER IF 24V)
- C — FIRE ALARM ADDRESSABLE CONTROL MODULE
- M — FIRE ALARM ADDRESSABLE MONITOR MODULE
- R — RELAY
- S — SMOKE DETECTOR FOR ELEVATOR RECALL
- H — HEAT DETECTOR (FOR SHUNT TRIP)
- FS — SPRINKLER FLOW SWITCH MONITOR

NOTES:

1. AN ALARM SIGNAL FROM A SMOKE DETECTOR IN THE ELEVATOR HOISTWAY, MACHINE ROOM, OR ELEVATOR LOBBY (OTHER THAN AT THE PRIMARY RECALL LEVEL) SHALL ACTUATE THE FIRST ELEVATOR CONTROL MODULE (C1)
2. AN ALARM SIGNAL FROM A SMOKE DETECTOR IN THE ELEVATOR LOBBY AT THE PRIMARY RECALL LEVEL SHALL ACTUATE THE SECOND ELEVATOR CONTROL MODULE (C2)
3. AN ALARM SIGNAL FROM A HEAT DETECTOR OR FLOW SWITCH SERVING THE ELEVATOR HOISTWAY OR MACHINE ROOM SHALL ACTUATE THE SHUNT TRIP CONTROL MODULE (C3) CAUSING THE ELEVATOR MAIN CIRCUIT BREAKER TO OPEN.
4. LOSS OF CONTROL POWER TO THE SHUNT TRIP BREAKER SHALL OPEN THE RELAY CONTACTS AND INITIATE A SUPERVISORY SIGNAL ON THE FIRE ALARM SYSTEM.
5. FIRE ALARM CONTROL AND MONITOR MODULES SHALL BE MOUNTED WITHIN 36" OF THE EQUIPMENT CONTROLLED OR MONITORED.
6. A HEAT DETECTOR FOR ELEVATOR SHUNT TRIP SHALL BE PROVIDED WITHIN 24" OF EACH SPRINKLER IN THE ELEVATOR HOISTWAY AND MACHINE ROOM.

ELEVATOR RECALL AND SHUNT TRIP DIAGRAM
NO SCALE

KEYNOTES

APPLIES TO DRAWINGS E3.2
REPRESENTED BY n

1. CONNECT RECEPTACLE TO UNSWITCHED LEG OF LIGHTING CIRCUIT.
2. PROVIDE 120V, 15A, 1PH CIRCUIT FOR ELEVATOR CAR LIGHTS, RECEPTACLE, AUXILARY LIGHTING, AND VENTILATION.
3. PROVIDE 90A SHUNT TRIP BREAKERS FOR ELEVATOR IN ACCORDANCE WITH ELEVATOR SHUNT TRIP DIAGRAM.
4. EXACT LOCATION WITH DIV 22 PRIOR TO ROUGH-IN.
5. PROVIDE DEDICATED TELEPHONE LINE FOR ELEVATOR CAR PHONE. COORDINATE EXACT LOCATION WITH ELEVATOR MANUFACTURER PRIOR TO ROUGH-IN.
6. PROVIDE FIRE ALARM CONTROL AND MONITOR MODULE(S) AS REQUIRED TO PROVIDE PRIMARY AND ALTERNATE ELEVATOR RECALL FUNCTIONS. REFER TO ELEVATOR RECALL AND SHUNT TRIP DIAGRAM.
7. MOUNT SWITCH FOR PIT LIGHTS AT TOP OF ELEVATOR PIT ACCESS LADDER. EXACT LOCATION SHALL BE FIELD DETERMINED.
8. EXTEND CIRCUIT TO ABOVE.
9. EXTEND CIRCUIT TO BELOW.
10. PROVIDE 125A SHUNT TRIP BREAKERS FOR ELEVATOR IN ACCORDANCE WITH ELEVATOR SHUNT TRIP DIAGRAM.

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2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

ENLARGED PLANS - ELEVATORS

E3.2

2/28/2024 11:03:28 AM

GRAPHIC ANNUNICATIOR NOTES

1. FLUSH MOUNTED ENCLOSURE WELDED STEEL CONSTRUCTION WITH BAKED ENAMEL FINISH
2. LOCKING FULL COVER WITH FULL VIEWING WINDOW
3. EXTRUDED ALUMINUM TRIM WITH ANODIZED FINISH.
4. SHOP DRAWING SUBMITTALS FOR APPROVAL SHALL BE IN FULL ACTUAL COLORS
5. CONCEALED CONDUITS ENTER THROUGH BACK OF PANEL
6. 1/ 8" THICK ALUMINUM BACKPLATE
7. PROTECTIVE NON-GLARE URETHANE COATING OVER POLYESTER FILM IMAGERY.
8. RED TEXT AND ARROWS
9. BLACK FLOOR PLAN
10. WHITE BACKGROUND

STAUNTON J&DR COURTS FACILITY
FIRE ALARM GRAPHIC ANNUNCIATOR PANEL

INDIVIDUALLY KEYED KEY SWITCHES FOR TROUBLE SILENCE & SYSTEM RESET

LAMP TEST PUSHBUTTON ACTIVATION ILLUMINATES ALL LED'S ON PANEL

GREEN LED ON SYSTEM IS POWERED

TROUBLE SILENCE (+)

RESET (+)

LAMP TEST ( )

POWER ON (G)

DEVICE LEGEND

APPROPRIATE RED LED ILLUMINATES WHEN ALARM DEVICE IS ACTIVATED

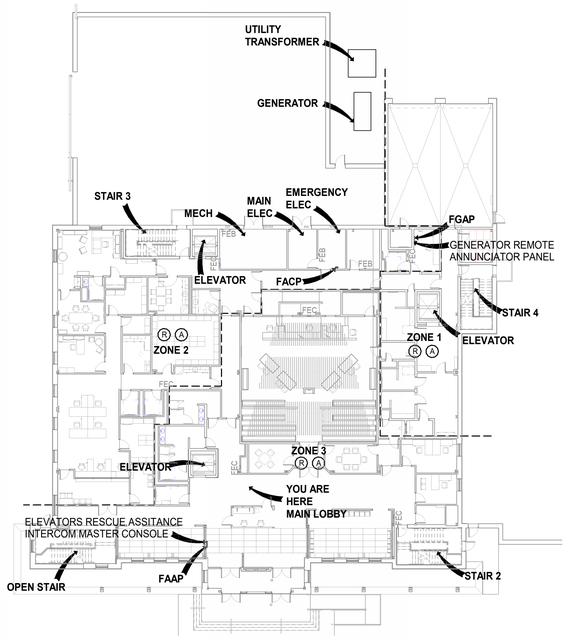
- MANUAL PULL STATION (R)
- SMOKE DETECTOR (R)
- HEAT DETECTOR (R)
- WATER FLOW SWITCH (R)
- KITCHEN HOOD FIRE SUPPRESSION (R)

APPROPRIATE AMBER LED ILLUMINATES WHEN ANY TROUBLE OR SUPERVISORY CONDITION IS ACTIVE

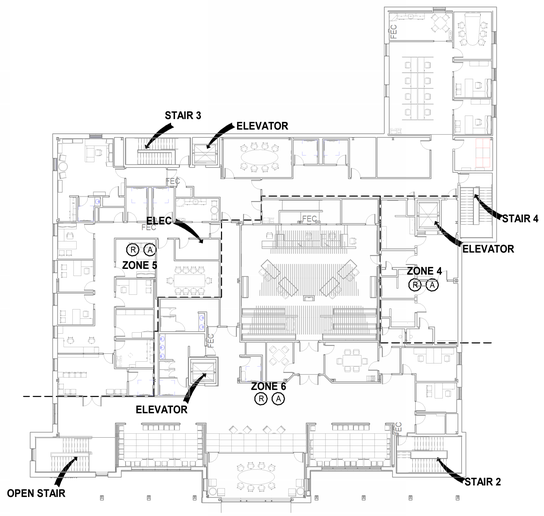
- DUCT SMOKE DETECTOR (A)
- SPRINKLER TAMPER SWITCH (A)
- SYSTEM TROUBLE (A)
- SYSTEM SUPERVISORY (A)
- GENERATOR FAULT (A)

GREEN LED ON WHEN GENERATOR RUNS

- GENERATOR RUN (G)



FIRST FLOOR PLAN



SECOND FLOOR PLAN

2' - 0"

1' - 6"

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DATE	DESCRIPTION

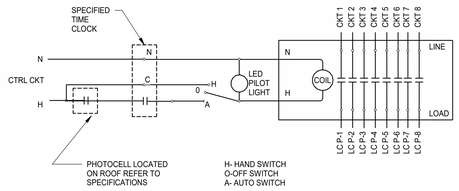
FIRE ALARM GRAPHIC ANNUNCIATOR PANEL

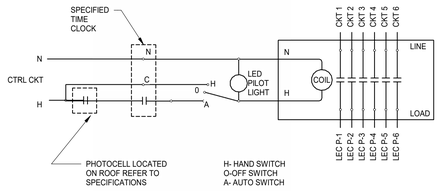
E3.3

2/28/2024 11:03:36 AM

NORMAL LIGHTING CONTROL PANEL - LCP				
LOCATION: ELEC/ 148				(CTRL CKT : H1-1)
CKT #	CONTACTOR#	DESCRIPTION	PHOTOCELL	TIME CLOCK
H1-4	LCP-1	FLAG LIGHT, & SIGN FLOOD LIGHT	X	X
H1-7	LCP-2	POLE LIGHTS - FRONT LOT	X	X
H1-8	LCP-3	POLE LIGHTS - SIDE DRIVE	X	X
H1-9	LCP-4	POLE LIGHTS - REAR LOT	X	X
H1-10	LCP-5	POLE LIGHTS - SIDE LOT	X	X
	LCP-6	SPARE	X	X
	LCP-7	SPARE	X	X
	LCP-8	SPARE	X	X

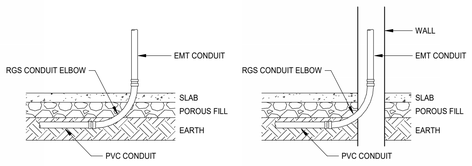
EMERGENCY LIGHTING CONTROL PANEL - LECP				
LOCATION: ELEC/ 148				(CTRL CKT : XDP-XX)
CKT #	CONTACTOR#	DESCRIPTION	PHOTOCELL	TIME CLOCK
XDP-05	LECP-1	EXTERIOR LIGHTS - FRONT	X	X
XDP-04	LECP-2	EXTERIOR LIGHTS - REAR	X	X
	LECP-3	SPARE	X	X
	LECP-4	SPARE	X	X
	LECP-5	SPARE	X	X
	LECP-6	SPARE	X	X





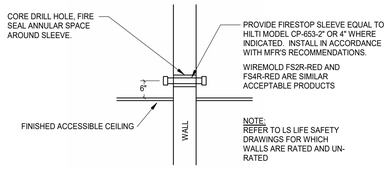
LIGHTING CONTACTOR PANEL DETAIL

NO SCALE



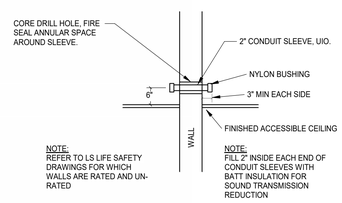
PVC TO EMT TRANSITION DETAIL

NO SCALE



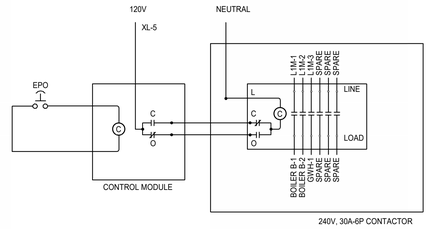
RATED WALL CONDUIT SLEEVE DETAIL

NO SCALE



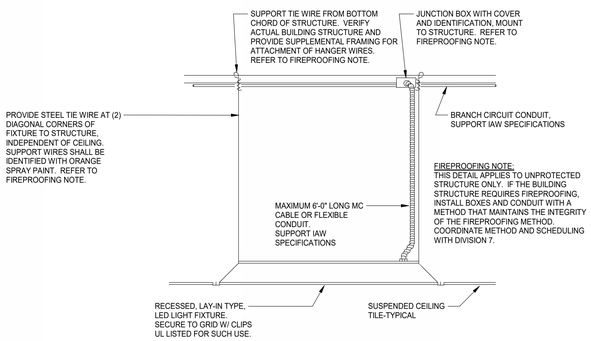
UN-RATED WALL CONDUIT SLEEVE DETAIL

NO SCALE



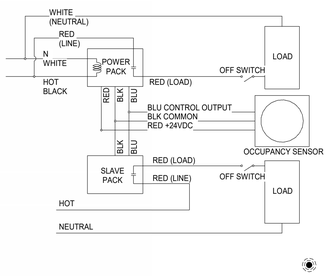
GAS APPLIANCE EPO DIAGRAM

NO SCALE



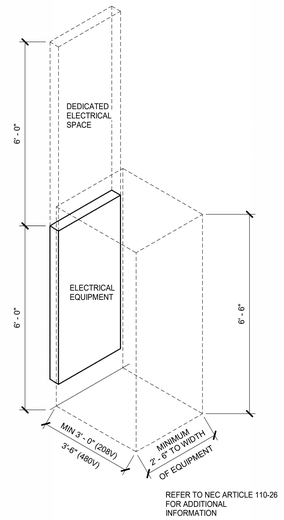
RECESSED, LAY-IN, LED LIGHT FIXTURE MOUNTING DETAIL

NO SCALE



OCCUPANCY SENSOR DIAGRAM AUXILARY RELAY PACK SENSOR

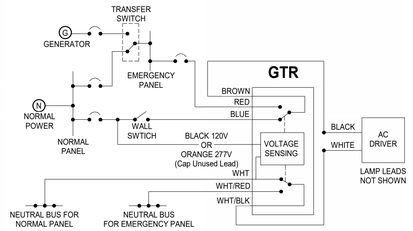
NO SCALE



REFER TO NEC ARTICLE 110-26 FOR ADDITIONAL INFORMATION

EQUIPMENT CLEARANCES

NO SCALE



GTR RELAY DETAIL

NO SCALE

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2040 West Beverley Street, Staunton, VA 24401

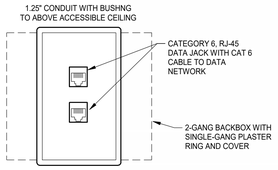
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS:	
DATE	DESCRIPTION

ELECTRICAL DETAILS

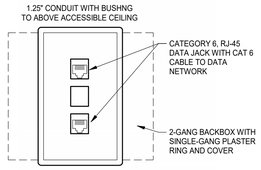
E4.1

2/28/2024 11:03:38 AM



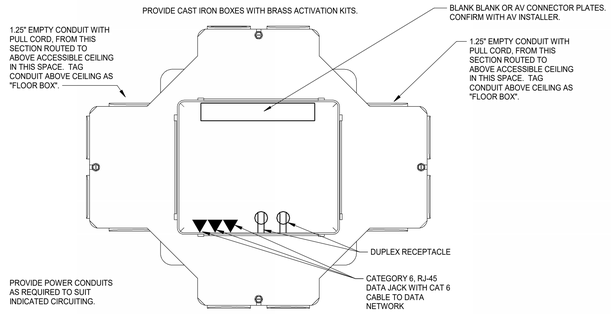
TELECOMMUNICATIONS OUTLET DETAIL - TYPE 1 ▽ 46" AFF UNO ▼ 18" AFF UNO

NO SCALE



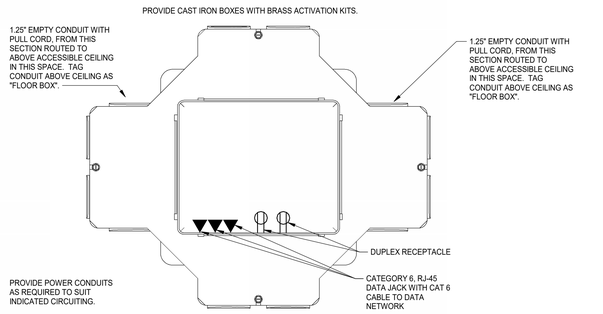
TELECOMMUNICATIONS OUTLET DETAIL - TYPE 2 2 ▽ 46" AFF UNO 2 ▼ 18" AFF UNO

NO SCALE



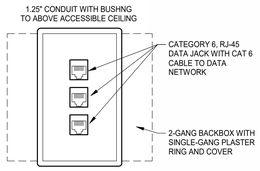
RECESSED FLOOR BOX DETAIL - TYPE 1

NO SCALE



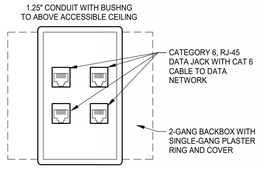
RECESSED FLOOR BOX DETAIL - TYPE 2 1

NO SCALE



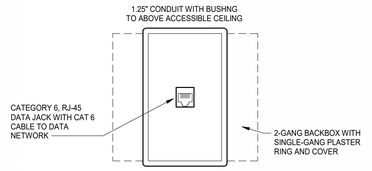
TELECOMMUNICATIONS OUTLET DETAIL - TYPE 3 3 ▽ 46" AFF UNO 3 ▼ 18" AFF UNO

NO SCALE



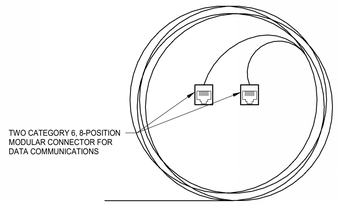
TELECOMMUNICATIONS OUTLET DETAIL - TYPE 3 4 ▽ 46" AFF UNO 4 ▼ 18" AFF UNO

NO SCALE



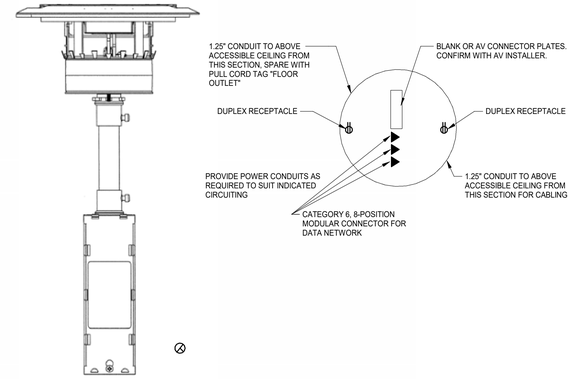
TELECOMMUNICATIONS OUTLET DETAIL - TYPE 6 6 ▽ 46" AFF UNO 6 ▼ 18" AFF UNO

NO SCALE



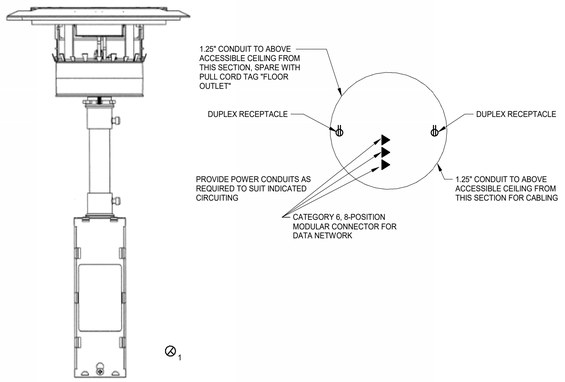
WIRELESS ACCESS POINT DETAIL (WA)

NO SCALE



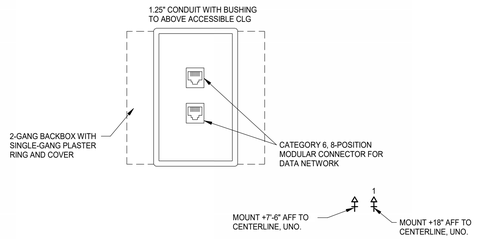
POKE-THRU FLOOR BOX DETAIL - TYPE 1

NO SCALE



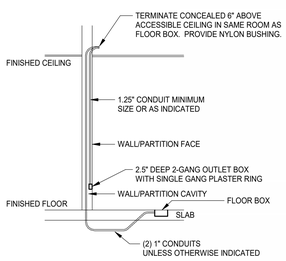
POKE-THRU FLOOR BOX DETAIL - TYPE 2

NO SCALE



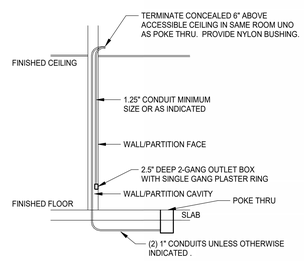
FLAT PANEL DISPLAY OUTLET DETAIL - TYPE 1

NO SCALE



TELECOMMUNICATIONS OUTLET CONDUIT DETAIL - FLOOR BOX

NO SCALE



TELECOMMUNICATIONS OUTLET CONDUIT DETAIL - POKE THRU

NO SCALE

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03-01-24
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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

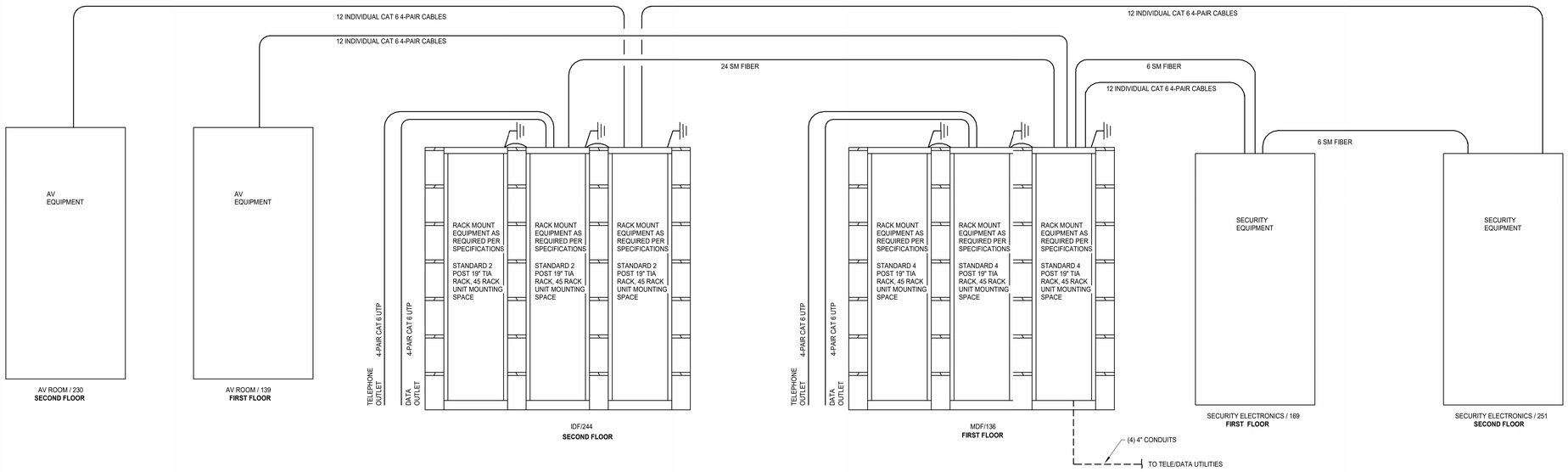
PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

ELECTRICAL DETAILS

E4.2

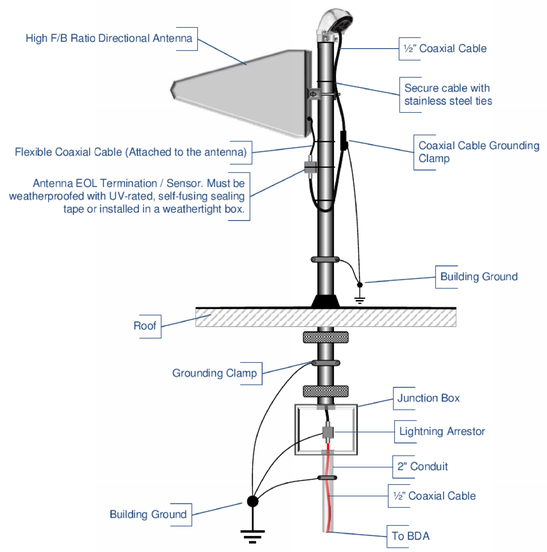
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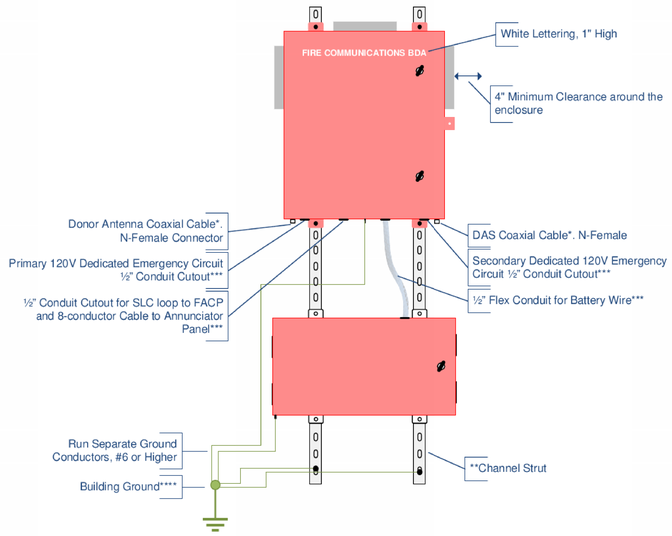
GENERAL NOTES:
A. ALL WIFI DEVICES AND EQUIPMENT ON RACKS SHALL BE SPECIFIED AND PROVIDED BY OWNER.
B. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUITS, JUNCTION BOXES, AND CABLES.
C. ALL CITY NETWORK CABLES ARE YELLOW-JACKETED.
D. BOND EACH RACK TO NEAREST TGB AND ADJACENT RACKS.
E. EACH DATA DROP AND VOICE DROP HOMERUN BACK TO ITS RESPECTIVE IDF OR MDF RACK.

MDF - IDF DISTRIBUTION RISER DIAGRAM

NO SCALE



DIRECTIONAL ANTENNA DETAIL



BI-DIRECTIONAL SYSTEM DETAIL

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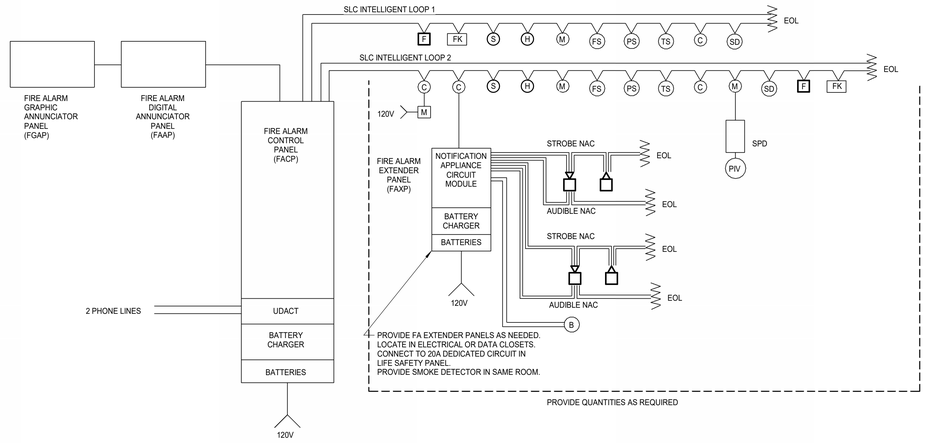
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

ELECTRICAL DETAILS

E4.3

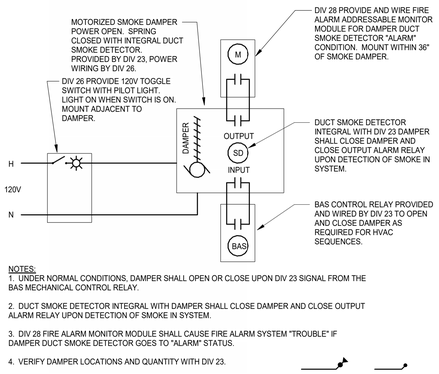
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FIRE ALARM RISER DIAGRAM

NO SCALE

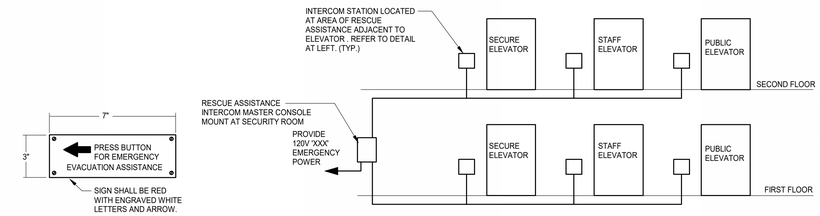
FIRE ALARM INPUT/OUTPUT MATRIX		CONTROL UNIT ANNUNCIATION								NOTIFICATION / ACTION									
		ACTUATE COMMON ALARM SIGNAL INDICATOR	ACTUATE AUDIBLE ALARM SIGNAL	ACTUATE ALARM INDICATOR	ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTUATE AUDIBLE SUPERVISORY SIGNAL	ACTUATE COMMON TROUBLE SIGNAL INDICATOR	ACTUATE AUDIBLE COMMON TROUBLE SIGNAL	ANNUNCIATE AT GRAPHIC AND TEXT ANNUCIATORS	ACTUATE NOTIFICATION APPLIANCE	ACTUATE SPRINKLER FLOW BELL	DISPLAY CHANGE OF STATUS	TRANSMIT ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION	TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	REFER TO ELEVATOR RECALL AND SHUNT TRIP DIAGRAM	RELEASE DOOR MAGNETS TO ALLOW DOORS TO CLOSE	SHUT DOWN ASSOCIATED HVAC EQUIPMENT
		A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S
1	MANUAL PULL STATION	X	X	X					X	X		X	X				X	
2	SMOKE DETECTOR	X	X	X					X	X		X	X				X	
3	SMOKE DETECTOR - ELEVATOR FUNCTION	X	X	X					X	X		X	X			X	X	
4	HEAT DETECTOR - ELEVATOR FUNCTION	X	X	X					X	X		X	X			X	X	
5	FLOW SWITCH - ELEVATOR FUNCTION	X	X	X					X	X	X	X	X			X	X	
6	DUCT SMOKE DETECTOR	X	X	X					X	X		X	X				X	X
7	HEAT DETECTOR	X	X	X					X	X		X	X				X	
8	KITCHEN HOOD FIRE SUPPRESSION SYSTEM MONITOR	X	X	X					X	X	X	X	X				X	
9	SPRINKLER SYSTEM WATERFLOW	X	X	X					X	X	X	X	X				X	
10	SPRINKLER VALVE TAMPER SWITCH				X	X			X			X		X				
11	MONITOR MODULE - ELEVATOR SHUNT POWER FAULT				X	X			X			X		X				
12	MONITOR MODULE - GENERATOR FAILURE				X	X			X			X		X				
13	MONITOR MODULE - GENERATOR RUN						X	X	X			X		X				
14	FIRE ALARM AC POWER FAILURE						X	X	X			X			X			
15	FIRE ALARM SYSTEM LOW BATTERY						X	X	X			X			X			
16	FIRE ALARM OPEN CIRCUIT						X	X	X			X			X			
17	FIRE ALARM GROUND FAULT						X	X	X			X			X			
18	FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT SHORT						X	X	X			X			X			
19	CARBON MONOXIDE DETECTOR				X	X			X			X		X				



NOTES:
1. UNDER NORMAL CONDITIONS, DAMPER SHALL OPEN OR CLOSE UPON DIV 23 SIGNAL FROM THE BAS MECHANICAL CONTROL RELAY.
2. DUCT SMOKE DETECTOR INTEGRAL WITH DAMPER SHALL CLOSE DAMPER AND CLOSE OUTPUT ALARM RELAY UPON DETECTION OF SMOKE IN SYSTEM.
3. DIV 28 FIRE ALARM MONITOR MODULE SHALL CAUSE FIRE ALARM SYSTEM "TROUBLE" IF DAMPER DUCT SMOKE DETECTOR GOES TO "ALARM" STATUS.
4. VERIFY DAMPER LOCATIONS AND QUANTITY WITH DIV 23.

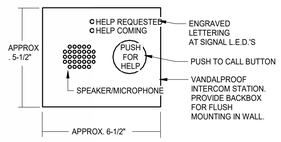
FIRE/SMOKE DAMPER & SMOKE DAMPER WIRING DIAGRAM

NO SCALE



INTERCOM SIGN DETAIL

NOTES:
1. MOUNT BESIDE INTERCOM STATTION.
2. ATTACH TO WALL WITH FOUR ANCHORED SCREWS.



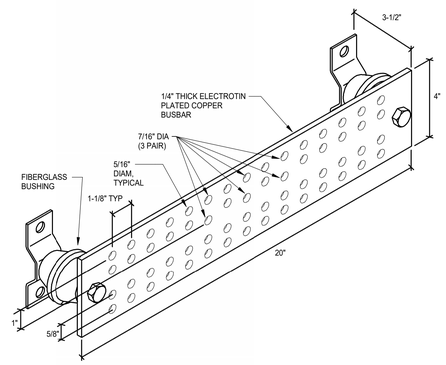
INTERCOM STATION DETAIL

RESCUE ASSISTANCE INTERCOM SYSTEM

NOTES:
1. ALL WIRING SHALL BE INSTALLED IN CONDUIT.
2. CONDUIT SHALL BE A MINIMUM OF 3/4", BUT SHALL BE INCREASED TO ACCOMODATE THE ACTUAL NUMBER OF CONDUCTORS.
3. COORDINATE EXACT LOCATION OF AREAS OF RESCUE ASSISTANCE WITH ARCHITECTUAL PLANS PRIOR TO ROUGH-IN.

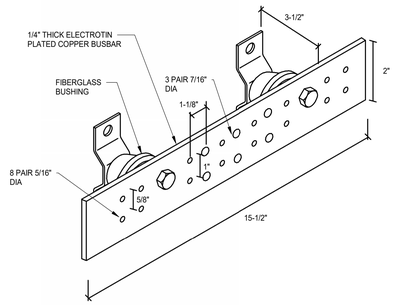
ELEVATOR RESCUE ASSISTANCE INTERCOM

NO SCALE



TELECOMMUNICATIONS MAIN GROUNDING BUSBAR (TMGB) DETAIL

NO SCALE



TELECOMMUNICATIONS GROUNDING BUSBAR (TGB) DETAIL

NO SCALE

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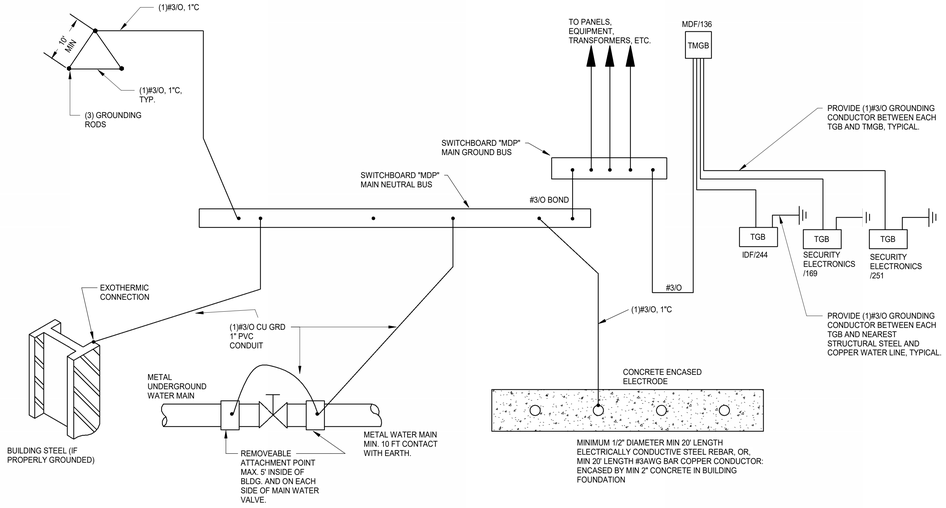
PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
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ELECTRICAL DETAILS

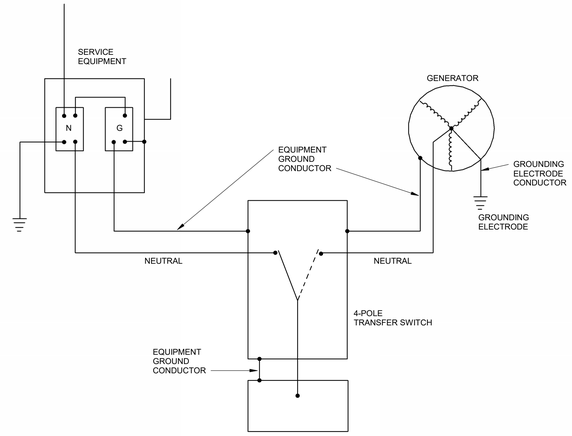
E4.4

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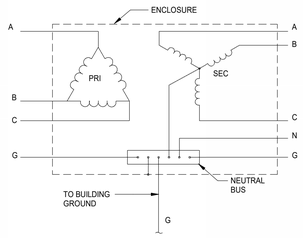
GROUNDING SYSTEM DIAGRAM

NO SCALE



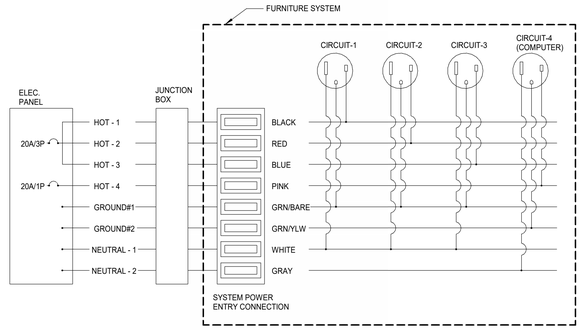
4-POLE GENERATOR GROUNDING DETAIL

NO SCALE



TRANSFORMER GROUNDING DIAGRAM

NO SCALE



NOTE: GROUND #2 IS ISOLATED GROUND IF PANEL HAS ISOLATED GROUND BUS.

4-CIRCUIT,3+1 RECEPTACLE CONNECTIONS IN FURNITURE SYSTEM

NO SCALE

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ELECTRICAL DETAILS

E4.5

2/28/2024 11:03:46 AM

PANELBOARD SCHEDULE — MDP

LOCATION: MAIN ELEC 134 | FED FROM: C/T CABINET

800 A MCB SE RATED | 480/277 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 42 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1				8.0	36.5								2
3	100 A	3	ATS-X			5.9	37.1			ATS-E	3	225 A	4
5								6.1	39.4				6
7				30.4	40.4								8
9	225 A	3	H1			27.0	38.9			H2	3	225 A	10
11								26.1	35.4				12
13				11.1	14.4								14
15	90 A	3	STAFF ELEVATOR			11.1	14.4			PUBLIC ELEVATOR	3	125 A	16
17								11.1	14.4				18
19	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	20
21	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	22
23	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	24
25				--	--								26
27	--	3	SPACE ONLY			--	--			SPACE ONLY	3	--	28
29								--	--				30
31				--	--								32
33	--	3	SPACE ONLY			--	--			SPACE ONLY	3	--	34
35								--	--				36
37				--	0.0								38
39	--	3	SPACE ONLY			--	0.0			SPD	3	60 A	40
41								--	0.0				42
				141 kVA		134 kVA		132 kVA					
				509 A		486 A		477 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	23424 VA	125.00%	29280 VA
EXTERIOR LIGHTING	6977 VA	125.00%	8721 VA
RECEPTACLES	84060 VA	55.95%	47030 VA
AC / HEAT PUMP	105676 VA	100.00%	105676 VA
ELECTRIC HEAT	3300 VA	100.00%	3300 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	181620 VA	100.00%	181620 VA

Panel Totals

Total Conn. Load: 497.2 kVA
Total Est. Demand: 377.7 kVA
Total Conn. Current: 490 A
Total Est. Demand... 454 A

COPPER FEEDER SCHEDULE

FEEDER ID	# OF SETS	BUILDING WIRE QUANTITY & SIZE TYPE THHN - DRY TYPE THWN - WET	MINIMUM CONDUIT SIZE	FEEDER ID	# OF SETS	BUILDING WIRE QUANTITY & SIZE TYPE THHN - DRY TYPE THWN - WET	MINIMUM CONDUIT SIZE
30	1	3#10,#10 G	3/4"	30Y	1	4#10,#10 G	3/4"
35	1	3#8,#10 G	3/4"	35Y	1	4#8,#10 G	3/4"
40	1	3#8,#10 G	3/4"	40Y	1	4#8,#10 G	3/4"
45	1	3#6,#10 G	1"	45Y	1	4#6,#10 G	1"
50	1	3#6,#10 G	1"	50Y	1	4#6,#10 G	1"
60	1	3#4,#10 G	1"	60Y	1	4#4,#10 G	1"
70	1	3#4,#8 G	1 1/4"	70Y	1	4#4,#8 G	1 1/4"
80	1	3#3,#8 G	1 1/4"	80Y	1	4#3,#8 G	1 1/4"
90	1	3#2,#8 G	1 1/4"	90Y	1	4#2,#8 G	1 1/4"
100	1	3#1,#8 G	1 1/4"	100Y	1	4#1,#8 G	1 1/4"
110	1	3#2,#6 G	1 1/2"	110Y	1	4#2,#6 G	1 1/2"
125	1	3#1,#6 G	1 1/2"	125Y	1	4#1,#6 G	1 1/2"
150	1	3#1/0,#6 G	2"	150Y	1	4#1/0,#6 G	2"
175	1	3#2/0,#6 G	2"	175Y	1	4#2/0,#6 G	2"
200	1	3#3/0,#6 G	2"	200Y	1	4#3/0,#6 G	2"
225	1	3#4/0,#4 G	2 1/2"	225Y	1	4#4/0,#4 G	2 1/2"
250	1	3-250kCM,#4 G	2 1/2"	250Y	1	4-250kCM,#4 G	2 1/2"
300	1	3-350kCM,#4 G	2 1/2"	300Y	1	4-350kCM,#4 G	2 1/2"
350	2	3#2/0,#3 G	3"	350Y	2	4#2/0,#3 G	3"
400	2	3#3/0,#3 G	2"	400Y	2	4#3/0,#3 G	2"
450	2	3#4/0,#2 G	2 1/2"	450Y	2	4#4/0,#2 G	2 1/2"
500	2	3-250kCM,#2 G	2 1/2"	500Y	2	4-250kCM,#2 G	2 1/2"
600	2	3-350kCM,#1 G	3"	600Y	2	4-350kCM,#1 G	3"
700	2	3-500kCM,#1/0 G	4"	700Y	2	4-500kCM,#1/0 G	4"
800	3	3-350kCM,#1/0 G	3"	800Y	3	4-350kCM,#1/0 G	3"
1000	3	3-500kCM,#2/0 G	4"	1000Y	3	4-500kCM,#2/0 G	4"
1200	4	3-350kCM,#3/0 G	3"	1200Y	4	4-350kCM,#3/0 G	3"
1600	5	3-500kCM,#4/0 G	4"	1600Y	5	4-500kCM,#4/0 G	4"
2000	6	3-500kCM,#250 G	4"	2000Y	6	4-500kCM,#250 G	4"
800S	3	4-350kCM	4"	2500Y	7	4-500kCM,#350 G	4"

NOTES:
1. ELECTRICAL CONTRACTOR TO VERIFY CONDUIT SIZE REQUIRED IF WIRE TYPES OTHER THAN THOSE LISTED ABOVE ARE USED.
2. FEEDER SIZES BASED ON TABLE 310.15(B)(16), 75° C.
3. SIZES ADJUSTED PER NEC 110.14.

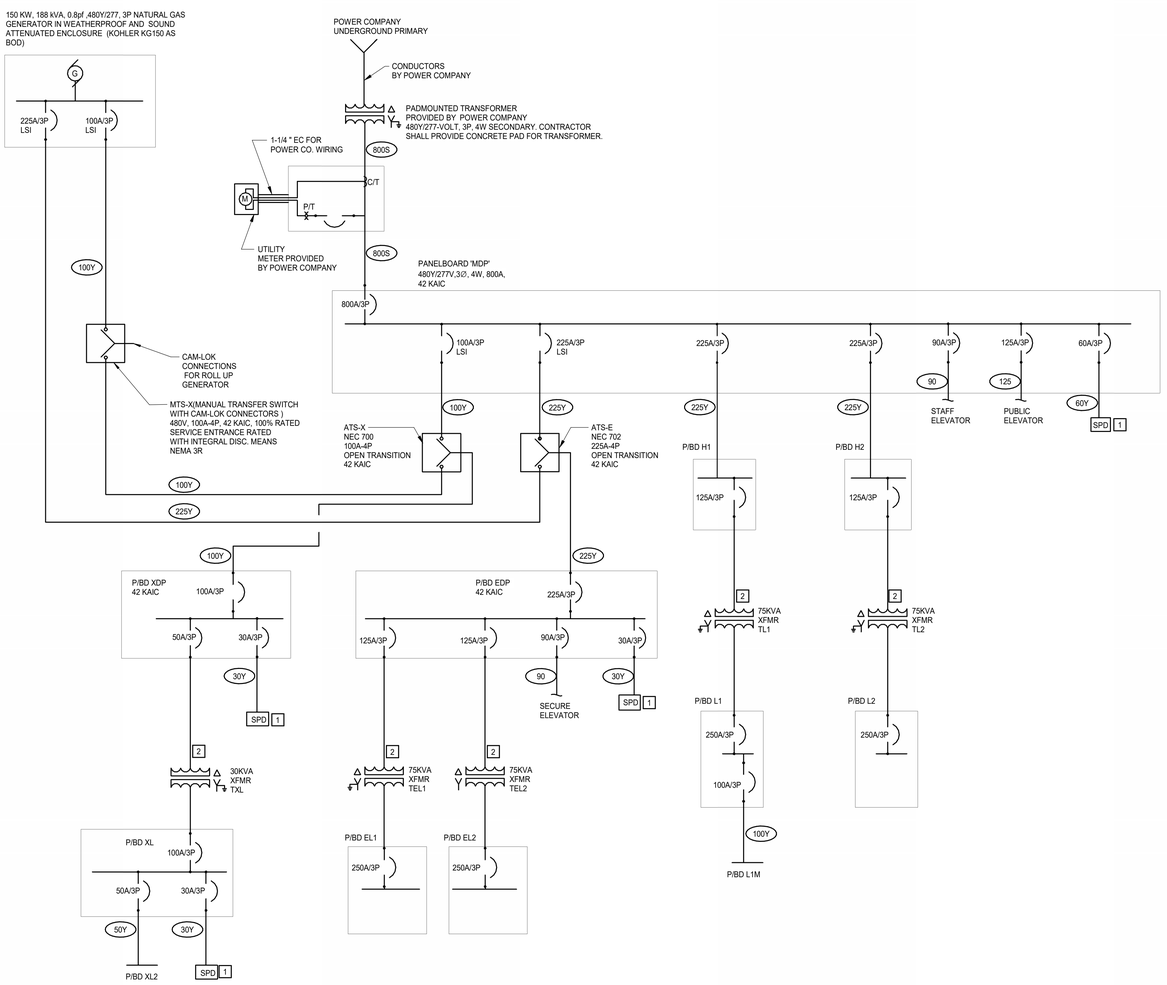
TRANSFORMER SCHEDULE

kVA	TYPE	PRIMARY	SECONDARY	COPPER PRIMARY FEEDER	COPPER SECONDARY FEEDER	BONDING CONDUCTOR
15 kVA	LINEAR	480V-3Ø	208Y/120V	3#10, #10 G, 3/4" C.	4#4, #8 G, 1-1/4" C.	#8
30 kVA	LINEAR	480V-3Ø	208Y/120V	3#6, #10 G, 1" C.	4#1, #6 G, 1-1/2" C.	#6
45 kVA	LINEAR	480V-3Ø	208Y/120V	3#4, #8 G, 1-1/4" C.	4#1/0, #6 G, 2" C.	#6
75 kVA	LINEAR	480V-3Ø	208Y/120V	3#1, #6 G, 1-1/2" C.	4-250kCM, #2 G, 2-1/2" C.	#2
112.5 kVA	LINEAR	480V-3Ø	208Y/120V	3#2/0, #6 G, 2" C.	(2 SETS) 4-3/0, #2 G, 2-1/2" C.	#2
150 kVA	LINEAR	480V-3Ø	208Y/120V	3#4/0, #4 G, 2-1/2" C.	(2 SETS) 4-250kCM, #2/0 G, 2-1/2" C.	#2/0
225 kVA	LINEAR	480V-3Ø	208Y/120V	(2 SETS) 3#2/0, #3 G, 2" C.	(3 SETS) 4-350kCM, #2/0 G, 3" C.	#2/0
300 kVA	LINEAR	480V-3Ø	208Y/120V	(2 SETS) 3#4/0, #2 G, 2-1/2" C.	(4 SETS) 4-350kCM, #4/0 G, 4" C.	#3/0
500 kVA	LINEAR	480V-3Ø	208Y/120V	(3 SETS) 3-350kCM, #1/0 G, 4" C.	(6 SETS) 4-350kCM, 300kCM G, 4" C.	#3/0

KEYNOTES

APPLIES TO DRAWINGS E5.1
REPRESENTED BY: n

1. COORDINATE WITH SPD MANUFACTURER FOR SPD BREAKER SIZE.
2. REFER TO TRANSFORMER SCHEDULE FOR EXACT CONDUIT/CONDUCTOR SIZES.



POWER ONE - LINE DIAGRAM
NO SCALE

MOSELEYARCHITECTS
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COMMONWEALTH OF VIRGINIA
BRIAN C. WELLS
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03-01-24
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

POWER ONE-LINE DIAGRAM

E5.1

2/28/2024 11:03:49 AM

PANELBOARD SCHEDULE H1

LOCATION: MAIN ELEC 134 | FED FROM: MDP

225 AMP MCB | 480/277 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 42 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	20 A	1	INTERIOR LIGHTS	2.5	2.5					INTERIOR LIGHTS	1	20 A	2
3	20 A	1	INTERIOR LIGHTS			2.0	0.1			EXTERIOR LIGHTING VIA LCP	1	20 A	4
5	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	6
7	20 A	1	EXTERIOR LIGHTS VIA LCP	1.7	0.8					EXTERIOR LIGHTS VIA LCP	1	20 A	8
9	20 A	1	EXTERIOR LIGHTS VIA LCP			1.4	2.4			EXTERIOR LIGHTS VIA LCP	1	20 A	10
11	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	12
13	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	14
15	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	16
17	15 A	1	TU1-01 & TU1-03					2.1	0.7	TU1-02	1	15 A	18
19	15 A	1	TU1-15 & TU1-17	1.3	0.0					SPARE	1	20 A	20
21						3.9	2.0			TU1-8, TU1-11 & TU1-12	1	15 A	22
23	30 A	3	DBP-1					3.9	3.3	EUH-1	1	15 A	24
25				3.9	--					SPACE ONLY	1	--	26
27	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	28
29	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	30
31	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	32
33	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	34
35	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	36
37	--	1	SPACE ONLY	--	17.8								38
39	--	1	SPACE ONLY			--	15.3			XFMR TL1	3	125 A	40
41	--	1	SPACE ONLY					--	16.6				42
				30 kVA		27 kVA		26 kVA					
				110 A		98 A		94 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	7219 VA	125.00%	9024 VA
EXTERIOR LIGHTING	6423 VA	125.00%	8028 VA
RECEPTACLES	27720 VA	68.04%	18860 VA
AC / HEAT PUMP	22348 VA	100.00%	22348 VA
ELECTRIC HEAT	3300 VA	100.00%	3300 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	14140 VA	100.00%	14140 VA

Panel Totals

Total Conn. Load: 83.4 kVA
Total Est. Demand: 78.0 kVA
Total Conn. Current: 100 A
Total Est. Demand... 94 A

PANELBOARD SCHEDULE L1M

LOCATION: MAIN ELEC 134 | FED FROM: L1

100 AMP MLO | 120/208 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 10 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	20 A	1	B-1	0.4	0.4					B-2	1	20 A	2
3	20 A	1	GWH-1			0.5	0.5			RCP-1	1	15 A	4
5	20 A	1	IS-1					0.5	0.5	IS-2	1	20 A	6
7	15 A	1	UH-01,02,03,04,05	0.9	0.7					CUH-02,04	1	15 A	8
9	15 A	1	CUH-01,03			0.7	0.7			P-1	1	20 A	10
11	20 A	1	P-2					0.7	0.9	P-3	2	20 A	12
13	20 A	1	TU1-06,07,10,11,13	0.3	0.9								14
15	20 A	2	P-4			0.9	0.2			TU1-04,05,14,16	1	20 A	16
17								0.9	0.7	F-01	1	20 A	18
19	15 A	1	F-02	0.2	0.2					F-03	1	15 A	20
21	20 A	1	TPV-1			0.5	0.9			ESP-3	2	20 A	22
23								0.9	0.9				24
25	20 A	2	ESP-1	0.9	0.0					SPARE	1	20 A	26
27	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	28
29	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	30
31	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	32
33	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	34
35	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	36
37	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	38
39	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	40
41	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	42
				4 kVA		4 kVA		5 kVA					
				38 A		35 A		45 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	0 VA	0.00%	0 VA
EXTERIOR LIGHTING	0 VA	0.00%	0 VA
RECEPTACLES	0 VA	0.00%	0 VA
AC / HEAT PUMP	4986 VA	100.00%	4986 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	5780 VA	100.00%	5780 VA

Panel Totals

Total Conn. Load: 13.9 kVA
Total Est. Demand: 13.9 kVA
Total Conn. Current: 39 A
Total Est. Demand... 39 A

PANELBOARD SCHEDULE H2

LOCATION: ELEC 218 | FED FROM: MDP

225 AMP MLO | 480/277 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 42 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	20 A	1	INTERIOR LIGHTS	2.9	3.3					INTERIOR LIGHTS	1	20 A	2
3	20 A	1	INTERIOR LIGHTS			3.1	0.0			SPARE	1	20 A	4
5	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	6
7	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	8
9	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	10
11	15 A	1	TU2-01 & TU2-02					1.3	1.3	TU2-03 & TU2-19	1	15 A	12
13	15 A	1	TU2-9 & TU2-10	1.3	1.3					TU2-13 & TU2-14	1	15 A	14
15	15 A	1	TU2-17 & TU2-18			1.3	1.3			TU2-15 & TU2-16	1	15 A	16
17	15 A	1	TU2-04 & TU2-05					1.3	0.0	SPARE	1	20 A	18
19	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	20
21	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	22
23	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	24
25				8.9	8.9								26
27	40 A	3	RTU-1			8.9	8.9			RTU-2	3	40 A	28
29								8.9	8.9				30
31	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	32
33	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	34
35	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	36
37	--	1	SPACE ONLY	--	13.8								38
39	--	1	SPACE ONLY			--	15.4			XFMR TL2	3	125 A	40
41	--	1	SPACE ONLY					--	13.7				42
				40 kVA		39 kVA		35 kVA					
				148 A		142 A		128 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	9248 VA	125.00%	11560 VA
EXTERIOR LIGHTING	0 VA	0.00%	0 VA
RECEPTACLES	35820 VA	63.96%	22910 VA
AC / HEAT PUMP	65100 VA	100.00%	65100 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	4450 VA	100.00%	4450 VA

Panel Totals

Total Conn. Load: 114.6 kVA
Total Est. Demand: 104.0 kVA
Total Conn. Current: 138 A
Total Est. Demand... 125 A

PANELBOARD SCHEDULE L1

LOCATION: MAIN ELEC 134 | FED FROM: TL1

250 AMP MCB | 120/208 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 10 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	20 A	1	RECS- RM 134, 135	0.4	1.2					STAFF ELEV REC & LIGHTS	1	15 A	2
3	20 A	1	STAFF ELEV PIT REC & LIGHTS			0.3	0.0			SPARE	1	20 A	4
5	15 A	1	PUBLIC ELEV REC & LIGHTS					1.2	0.3	PUBIC ELEV PIT REC & LIGHTS	1	20 A	6
7	20 A	1	SPARE	0.0	0.9					REC RM - 100	1	20 A	8
9	20 A	1	REC RM - 143			1.1	1.3			REC RM - 142	1	20 A	10
11	20 A	1	REC RM - 121					0.9	0.9	REC RM - 103, 101	1	20 A	12
13	20 A	1	REC RM - 118 (GP)	0.2	1.3					REC RM - 105	1	20 A	14
15	20 A	1	REC RM - 107			1.3	0.7			SF RM -108	1	20 A	16
17								0.7	0.9	REC RM - 109	1	20 A	18
19	20 A	3	SF RM -108	0.7	1.1					REC RM - 113	1	20 A	20
21						0.7	0.7			REC RM - 130, 111	1	20 A	22
23	20 A	1	REC RM - 110					1.3	1.4	REC RM - 128	1	20 A	24
25	20 A	1	COFFEE RM - 128B (GP)	0.2	0.2					COFFEE RM - 128B (GP)	1	20 A	26
27	20 A	1	COPIER- RM 113			0.6	1.3			REC RM - 127, 126, 125	1	20 A	28
29	20 A	1	REC RM - 127					0.2	0.2	REC RM - 127	1	20 A	30
31	20 A	1	REFRIG. RM- 127 (GP)	1.2	0.2					REFRIG. RM - 126 (GP)	1	20 A	32
33	20 A	1	REC RM - 126			0.2	1.2			REFRIG. RM - 116 (GP)	1	20 A	34
35	20 A	1	REC RM - 116					0.2	1.1	REC RM - 144, 145	1	20 A	36
37	20 A	1	REC RM - 146	1.4	0.2					REC RM - 116	1	20 A	38
39	20 A	1	REC RM - 132,133,165			0.7	0.6			WC CORR - 120 (GP)	1	20 A	40
41	20 A	1	REC RM - 168					0.5	0.9	RECS- RM 112, 117	1	20 A	42
43	20 A	1	EXT. REC	1.1	0.9					RECS- RM 101	1	20 A	44
45	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	46
47	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	48
49	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	50
51	20 A	1	SPARE			0.0	0.7			REC RM - 114, 115, 122, 123	1	20 A	52
53	20 A	1	SPARE					0.0	0.9	EXT. REC	1	20 A	54
55	20 A	1	DOOR MOTOR RM - 168	1.2	1.2					DOOR MOTOR RM - 168	1	20 A	56
57	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	58
59	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	60
61	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	62
63	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	64
65	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	66
67	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	68
69	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	70
71	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	72
73	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	74
75	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	76
77	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	78
79	--	1	SPACE ONLY	--	4.5								80
81	--	1	SPACE ONLY			--	4.1			P/BD L1M	3	100 A	82
83	--	1	SPACE ONLY					--	5.3				84
				18 kVA		15 kVA		17 kVA					
				150 A		128 A		140 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	200 VA	125.00%	250 VA
EXTERIOR LIGHTING	0 VA	0.00%	0 VA
RECEPTACLES	27720 VA	68.04%	18860 VA
AC / HEAT PUMP	4986 VA	100.00%	4986 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	14140 VA	100.00%	14140 VA

Panel Totals

Total Conn. Load: 49.8 kVA
Total Est. Demand: 41.0 kVA
Total Conn. Current: 138 A
Total Est. Demand... 114 A

PANELBOARD SCHEDULE L2

LOCATION: ELEC 218 | FED FROM: TL2

250 AMP MCB | 120/208 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 10 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	20 A	1	REC - ELEC 218	0.2	1.1					RECS- ROOF	1	20 A	2
3	20 A	1	REC RM - 264			1.3	1.3			REC RM - 266	1	20 A	4
5	20 A	1	REC RM - 201, 268A,224					1.1	0.9	REC RM - 228	1	20 A	6
7	20 A	1	REC RM - 263	1.1	0.9					REC RM - 227	1	20 A	8
9	20 A	1	REC RM - 200			0.7	0.7			REC RM - 200, 201	1	20 A	10
11	20 A	1	REC RM - 202					1.1	1.1	REC RM - 201, 203	1	20 A	12
13	20 A	1	SPARE	0.0	0.9					REC RM - 206	1	20 A	14
15	20 A	1	REC RM - 208, 223, 222, 220			1.3	0.6			WC CORR - 221 (GP)	1	20 A	16
17	20 A	1	REC RM - 210					0.9	1.1	REC RM - 209	1	20 A	18
19	20 A	1	REC RM - 211	1.1	1.1					REC RM - 212	1	20 A	20
21	20 A	1	REC RM - 213			0.9	0.2			COFFEE RM -238	1	20 A	22
23	20 A	1	COFFEE RM -238					0.2	1.3	REC RM - 238	1	20 A	24
25	20 A	1	REC RM - 237	0.2	1.1					REC RM - 219, 217, 215, 232	1	20 A	26
27	20 A	1	REFRIG. RM - 219 (GP)			1.2	0.2			REC RM - 219	1	20 A	28
29	20 A	1	REC RM - 216					1.1	0.2	REC RM - 219	1	20 A	30
31	20 A	1	WC CORR - 241 (GP)	0.6	0.9					REC RM - 240	1	20 A	32
33	20 A	1	REC RM - 242			0.4	1.1			REC CORR - 241	1	20 A	34
35	20 A	1	COPIER RM - 246					0.2	1.4	REC RM - 246	1	20 A	36
37				1.4	1.1					REC RM - 248	1	20 A	38
39	20 A	3	SF RM - 246			1.4	0.9			REC RM - 249	1	20 A	40
41								1.4	0.9	REC RM - 250	1	20 A	42
43	20 A	1	REFRIG. RM - 250 (GP)	1.2	0.2					REC RM - 250	1	20 A	44
45	20 A	1	REC RM - 250			0.2	1.4			SF RM - 246	1	20 A	46
47	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	48
49	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	50
51	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	52
53	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	54
55	20 A	1	COPIER- RM 206	0.6	0.0					SPARE	1	20 A	56
57	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	58
59	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	60
61	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	62
63	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	64
65	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	66
67	20 A	1	TU2-08, TU2-11, & TU2-12	0.2	0.1					TU2-06, TU2-07, & TU2-20	1	20 A	68
69	20 A	1	F-04			1.2	0.5			F-05	1	20 A	70
71	20 A	1	F-06					0.7	0.2	F-07	1	15 A	72
73	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	74
75	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	76
77	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	78
79	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	80
81	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	82
83	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	84
				14 kVA		15 kVA		14 kVA					
				115 A		128 A		114 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	0 VA	0.00%	0 VA
EXTERIOR LIGHTING	0 VA	0.00%	0 VA
RECEPTACLES	35820 VA	63.96%	22910 VA
AC / HEAT PUMP	2584 VA	100.00%	2584 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	4450 VA	100.00%	4450 VA

Panel Totals

Total Conn. Load: 42.9 kVA
Total Est. Demand: 29.9 kVA
Total Conn. Current: 119 A
Total Est. Demand... 83 A

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
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MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
BRIAN C. WELLS
Lic. No. 046269
03-01-24
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 830874
DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

PANELBOARD SCHEDULES

E5.2

H1	L1M	H2
L1	--	L2
--	--	--

2/28/2024 11:03:51 AM

PANELBOARD SCHEDULE XDP

LOCATION: MAIN ELEC 134 | FED FROM: ATS-X

100 AMP MCB | 480/277 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 42 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	20 A	1	EGRESS/ EXIT LTS -1ST FLR	1.8	1.3					HOLDING AREA LTS -1ST FLR	1	20 A	2
3	20 A	1	HOLDING AREA LTS -2ND FLR			0.4	0.4			REAR EXT. LTS VIA LECP	1	20 A	4
5	20 A	1	FRONT EXT. LTS VIA LECP					0.3	1.3	EGRESS/EXIT LTS-2ND FLR	1	20 A	6
7	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	8
9	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	10
11	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	12
13	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	14
15	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	16
17	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	18
19	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	20
21	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	22
23	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	24
25				--	--								26
27	--	3	SPACE ONLY			--	--			SPACE ONLY	3	--	28
29								--	--				30
31				--	--								32
33	--	3	SPACE ONLY			--	--			SPACE ONLY	3	--	34
35								--	--				36
37				4.9	0.0								38
39	50 A	3	TXL			5.1	0.0			SPD	3	30 A	40
41								4.5	0.0				42
				8 kVA		6 kVA		6 kVA					
				29 A		21 A		22 A					

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(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	5076 VA	125.00%	6344 VA
EXTERIOR LIGHTING	450 VA	125.00%	563 VA
RECEPTACLES	0 VA	0.00%	0 VA
AC / HEAT PUMP	864 VA	100.00%	864 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	13450 VA	100.00%	13450 VA

Panel Totals

Total Conn. Load: 19.9 kVA
Total Est. Demand: 21.3 kVA
Total Conn. Current: 24 A
Total Est. Demand... 26 A

PANELBOARD SCHEDULE EDP

LOCATION: ELEC 135 | FED FROM: ATS-E

225 AMP MCB | 480/277 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 42 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1				11.5	13.0								2
3	125 A	3	XFMR TEL1			12.7	12.5			XFMR TEL2	3	125 A	4
5								13.9	14.4				6
7				11.1	0.9					COURTROOM LIGHTS RM - 138	1	20 A	8
9	90 A	3	SECURE ELEVATOR			11.1	0.8			COURTROOM LIGHTS RM - 229	1	20 A	10
11								11.1	0.0	SPARE	1	20 A	12
13	--	1	SPACE ONLY	--	0.0					SPARE	1	20 A	14
15	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	16
17	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	18
19	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	20
21	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	22
23	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	24
25				--	--								26
27	--	3	SPACE ONLY			--	--			SPACE ONLY	3	--	28
29								--	--				30
31				--	--								32
33	--	3	SPACE ONLY			--	--			SPACE ONLY	3	--	34
35								--	--				36
37				--	0.0								38
39	--	3	SPACE ONLY			--	0.0			SPD	3	30 A	40
41								--	0.0				42
				37 kVA		37 kVA		39 kVA					
				132 A		134 A		143 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	1882 VA	125.00%	2353 VA
EXTERIOR LIGHTING	131 VA	125.00%	164 VA
RECEPTACLES	20520 VA	74.37%	15260 VA
AC / HEAT PUMP	17430 VA	100.00%	17430 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	73080 VA	100.00%	73080 VA

Panel Totals

Total Conn. Load: 113.0 kVA
Total Est. Demand: 108.3 kVA
Total Conn. Current: 136 A
Total Est. Demand... 130 A

PANELBOARD SCHEDULE XL

LOCATION: ELEC 135 | FED FROM: TXL

100 AMP MCB | 120/208 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 10 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	20 A	1	GENSET BLOCK HEATER	1.4	1.2					GENSET BATTERY CHARGER	1	20 A	2
3	20 A	1	GENSET LIGHT & RECS			0.5	0.6			FACP- ELEC 135	1	20 A	4
5	20 A	1	EPO - RM 132					0.1	0.5	ELEV RESCUE CONSOLE-RM 101	1	20 A	6
7	20 A	1	TURNSTILE - RM 101	1.0	0.0					SPARE	1	20 A	8
9	20 A	1	SPARE			0.0	0.5			AUTO DOOR	1	20 A	10
11	20 A	1	SECURITY DOOR SYSTEM					0.5	0.5	SECURITY DOOR SYSTEM	1	20 A	12
13	20 A	1	SPARE	0.0	0.9					AIR COMPRESSOR - RM132	1	20 A	14
15	20 A	1	PREACTION CONTROL PANEL			0.5	0.4			MOTORIZED DAMPERS	1	20 A	16
17	20 A	1	SMOKE DAMPERS					0.8	0.5	AUTO DOOR	1	20 A	18
19	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	20
21	20 A	1	SITE GATE SECURITY SYSTEM			1.0	0.5			AUTO DOOR	1	20 A	22
23	20 A	1	SITE GATE SECURITY SYSTEM					0.5	0.5	AUTO DOOR	1	20 A	24
25	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	26
27	20 A	1	SPARE			0.0	--			SPACE ONLY	1	--	28
29	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	30
31	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	32
33	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	34
35	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	36
37				0.4	0.0								38
39	50 A	3	XL2			1.1	0.0			SPD	3	30 A	40
41								0.6	0.0				42
				5 kVA		5 kVA		4 kVA					
				41 A		43 A		37 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	0 VA	0.00%	0 VA
EXTERIOR LIGHTING	0 VA	0.00%	0 VA
RECEPTACLES	0 VA	0.00%	0 VA
AC / HEAT PUMP	864 VA	100.00%	864 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	13450 VA	100.00%	13450 VA

Panel Totals

Total Conn. Load: 14.4 kVA
Total Est. Demand: 14.4 kVA
Total Conn. Current: 40 A
Total Est. Demand... 40 A

PANELBOARD SCHEDULE XL2

LOCATION: ELEC 218 | FED FROM: XL

100 AMP MLO | 120/208 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 10 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	20 A	1	BDA PRIMARY CKT - IDF 244	0.2	0.2					BDA PRIMARY CKT - IDF 244	1	20 A	2
3	20 A	1	SECURITY DOOR SYSTEM			0.6	0.5			NAC - ELEC 218	1	20 A	4
5	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	6
7	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	8
9	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	10
11	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	12
13	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	14
15	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	16
17	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	18
19	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	20
21	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	22
23	--	1	SPACE ONLY					--	0.6	SMOKE DAMPERS	1	20 A	24
				0 kVA		1 kVA		1 kVA					
				3 A		9 A		5 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	0 VA	0.00%	0 VA
EXTERIOR LIGHTING	0 VA	0.00%	0 VA
RECEPTACLES	0 VA	0.00%	0 VA
AC / HEAT PUMP	0 VA	0.00%	0 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	2100 VA	100.00%	2100 VA

Panel Totals

Total Conn. Load: 2.1 kVA
Total Est. Demand: 2.1 kVA
Total Conn. Current: 6 A
Total Est. Demand... 6 A

PANELBOARD SCHEDULE EL1

LOCATION: ELEC 135 | FED FROM: TEL1

250 AMP MCB | 120/208 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 10 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1				0.5	0.5								2
3	30 A	2	REC- MDF 136			0.5	0.5			REC- MDF 136	2	30 A	4
5	20 A	1	REC- MDF 136					0.4	0.5				6
7	30 A	2	REC- MDF 136	0.5	0.5					REC- MDF 136	2	30 A	8
9						0.5	0.4			REC- MDF 136	1	20 A	10
11	30 A	2	REC- MDF 136					0.5	0.5	REC- MDF 136	2	30 A	12
13				0.5	0.5								14
15	20 A	1	REC- MDF 136			0.4	0.7			RECS - MDF 136	1	20 A	16
17	20 A	1	RECS - MDF 136					0.7	0.4	REC- MDF 136	1	20 A	18
19	20 A	1	REC- MDF 136	0.4	0.4					REC- MDF 136	1	20 A	20
21	20 A	1	REC-SECURIT RM 169			1.0	1.0			REC-SECURIT RM 169	1	20 A	22
23	20 A	1	REC-SECURIT RM 169					1.0	1.0	REC-SECURIT RM 169	1	20 A	24
25	20 A	1	REC-SECURIT RM 169	0.2	0.2					REC-SECURIT RM 169	1	20 A	26
27	20 A	1	RECS-SECURIT RM 169			0.2	0.2			REC-SECURIT RM 169	1	20 A	28
29	20 A	1	RECS-SECURIT RM 169					0.4	0.5	SECURE ELEV REC & LIGHT	1	15 A	30
31	20 A	1	SECURE ELEV PIT REC & LIGHTS	0.3	0.9					ESP-2	2	20 A	32
33	20 A	1	METAL DETECTOR RM - 101			0.5	0.9						34
35	20 A	1	REC HOLDING					0.9	0.5	X-RAY MACHINE - RM 101	1	20 A	36
37	20 A	1	REC HOLDING	0.7	0.9					REC RM - 102	1	20 A	38
39	20 A	1	REC HOLDING			1.1	0.7			REC RM - 164	1	20 A	40
41	20 A	1	CHASE LIGHTS					0.1	0.7	REC HOLDING	1	20 A	42
43	20 A	1	REC - RM 164	0.4	0.5					RECS - RM 164	1	20 A	44
45						0.6	0.2			REC - RM 102	1	20 A	46
47	20 A	3	SLIDING GATE					0.6	0.6				48
49				0.6	0.6					SLIDING GATE	3	20 A	50
51						0.6	0.6						52
53	20 A	3	SLIDING GATE					0.6	0.4	RECS-SECURIT RM 169	1	20 A	54
55				0.6	0.2					REC-SECURIT RM 169	1	20 A	56
57	20 A	1	GATE CONTROL BOX			0.5	0.4			PLOTTER RM - 137	1	20 A	58
59	20 A	1	REC RM - 137,138					0.9	0.8	A/V REC RM - 139	1	20 A	60
61	20 A	1	A/V REC RM - 139	0.8	1.1					REC BENCH RM - 138	1	20 A	62
63	20 A	1	REC BENCH RM - 138			0.7	0.7			FLOOR BOXES RM - 138	1	20 A	64
65	20 A	1	FLOOR BOXES RM - 138					1.1	1.1	REC RM - 138	1	20 A	66
67	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	68
69	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	70
71	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	72
73	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	74
75	--	1	SPACE ONLY			--	0.0			SPARE	1	20 A	76
77	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	78
79	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	80
81	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	82
83	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	84
				12 kVA		13 kVA		14 kVA					
				96 A		107 A		117 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
(L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING.
(LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X.
(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	100 VA	125.00%	125 VA
EXTERIOR LIGHTING	65 VA	125.00%	82 VA
RECEPTACLES	16380 VA	80.53%	13190 VA
AC / HEAT PUMP	1830 VA	100.00%	1830 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	19660 VA	100.00%	19660 VA

Panel Totals

Total Conn. Load: 38.0 kVA
Total Est. Demand: 34.9 kVA
Total Conn. Current: 106 A
Total Est. Demand... 97 A

PANELBOARD SCHEDULE EL2

LOCATION: ELEC 218 | FED FROM: TEL2

250 AMP MCB | 120/208 Wye | 3 PH 4 W | MOUNT: SURFACE | PANEL ASSEMBLY RATED (KAIC): 10 KAIC

CKT	BRKR	POLE	LOAD	A		B		C		LOAD	POLE	BRKR	CKT
1	30 A	2	REC - IDF 244	0.5	0.5					REC - IDF 244	2	30 A	2
3						0.5	0.5						4
5	20 A	1	REC - IDF 244					0.4	0.5	REC - IDF 244	2	30 A	6
7	30 A	2	REC - IDF 244	0.5	0.5								8
9						0.5	0.4			REC - IDF 244	1	20 A	10
11	30 A	2	REC - IDF 244					0.5	0.5	REC - IDF 244	2	30 A	12
13				0.5	0.5								14
15	20 A	1	REC - IDF 244			0.4	0.7			RECS - IDF 244	1	20 A	16
17	20 A	1	RECS - IDF 244					0.7	0.4	REC - IDF 244	1	20 A	18
19	20 A	1	REC - IDF 244	0.4	0.4					REC - IDF 244	1	20 A	20
21	20 A	1	REC - SECURITY RM 251			1.0	1.0			REC - SECURITY RM 251	1	20 A	22
23	20 A	1	REC - SECURITY RM 251					1.0	1.0	REC - SECURITY RM 251	1	20 A	24
25	20 A	1	RECS - SECURITY RM 251	0.6	1.2					REC - SECURITY RM 251	1	20 A	26
27	20 A	1	REC - SECURITY RM 251			0.6	0.6			REC - SECURITY RM 251	1	20 A	28
29	20 A	1	RECS - SECURITY RM 251					1.2	0.4	REC RM - 207	1	20 A	30
31	20 A	1	REC SERVER RM - 214	0.7	1.1					DSS-2B	2	15 A	32
33	30 A	2	DSS-1B			2.1	1.1						34
35								2.1	1.1	DSS-4B	2	15 A	36
37	15 A	2	DSS-3B	1.1	1.1								38
39						1.1	1.1			DSS-6B	2	15 A	40
41	15 A	2	DSS-5B					1.1	1.1				42
43				1.1	0.4					PLOTTER RM - 231	1	20 A	44
45	20 A	1	CHASE LIGHTS			0.1	0.8			A/V RM - 230	1	20 A	46
47	20 A	1	A/V RM - 230					0.8	0.7	REC RM - 229,230,231	1	20 A	48
49	20 A	1	BENCH REC RM - 229	0.7	1.1					REC RM - 229	1	20 A	50
51	20 A	1	FLOOR BOXES RM - 229			0.0	0.0			FLOOR BOXES RM - 229	1	20 A	52
53	20 A	1	REC RM - 229					0.9	0.0	SPARE	1	20 A	54
55	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	56
57	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	58
59	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	60
61	20 A	1	SPARE	0.0	0.0					SPARE	1	20 A	62
63	20 A	1	SPARE			0.0	0.0			SPARE	1	20 A	64
65	20 A	1	SPARE					0.0	0.0	SPARE	1	20 A	66
67	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	68
69	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	70
71	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	72
73	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	74
75	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	76
77	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	78
79	--	1	SPACE ONLY	--	--					SPACE ONLY	1	--	80
81	--	1	SPACE ONLY			--	--			SPACE ONLY	1	--	82
83	--	1	SPACE ONLY					--	--	SPACE ONLY	1	--	84
				13 kVA		13 kVA		14 kVA					
				109 A		104 A		121 A					

(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.22 DED. NEUTRAL.
(GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8. DED. NEUTRAL.
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(ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.

Load Classification	Connected Load	Demand Factor	Estimated Demand
INTERIOR LIGHTING	0 VA	0.00%	0 VA
EXTERIOR LIGHTING	65 VA	125.00%	82 VA
RECEPTACLES	4140 VA	100.00%	4140 VA
AC / HEAT PUMP	15600 VA	100.00%	15600 VA
ELECTRIC HEAT	0 VA	0.00%	0 VA
KITCHEN	0 VA	0.00%	0 VA
MISCELLANEOUS	20120 VA	100.00%	20120 VA

Panel Totals

Total Conn. Load: 39.9 kVA
Total Est. Demand: 39.9 kVA
Total Conn. Current: 111 A
Total Est. Demand... 111 A

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COMMONWEALTH OF VIRGINIA
BRIAN C. WELLS
Lic. No. 046269
03-01-24
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

PANELBOARD SCHEDULES

XDP	EDP	--
XL	EL1	EL2
XL2	--	--

E5.3

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EQUIPMENT ABBREVIATION

AHU	AIR-HANDLING UNIT
AS	AIR SEPARATOR
B	BOILER
CUH	CABINET UNIT HEATER
DSS	DUCTLESS SPLIT-SYSTEM UNIT
ET	EXPANSION TANK
EUH	ELECTRIC UNIT HEATER
F	FAN
P	PUMP
RTU	ROOFTOP UNIT
TU	TERMINAL UNIT
UH	UNIT HEATER

CONTROLS ABBREVIATIONS

AF	AIRFLOW
AI	ANALOG INPUT TO CONTROLLER
ALM	ALARM
AMS	AIRFLOW MEASURING STATION
AO	ANALOG OUTPUT FROM CONTROLLER
ATS	AVERAGING TEMPERATURE SENSOR
BAS	BUILDING AUTOMATION SYSTEM
BI	BINARY INPUT TO CONTROLLER
BO	BINARY OUTPUT FROM CONTROLLER
CO2	CARBON DIOXIDE SENSOR
CSR	CURRENT-SENSING RELAY
DM	DAMPER MOTOR
DP	DIFFERENTIAL PRESSURE
DPT	DIFFERENTIAL PRESSURE TRANSMITTER
FM	FLOW METER
FZ	FREEZESTAT
HS	HUMIDITY SENSOR
POS	POSITION
R	RELAY
SD	SMOKE DETECTOR
SPD	SPEED
SS	START/STOP
STS	STATUS
TS	TEMPERATURE SENSOR
VFD	VARIABLE-FREQUENCY DRIVE

ABBREVIATIONS

A	AMPERE(S)
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
APD	AIR PRESSURE DROP
BHP	BRAKE HORSEPOWER
BTUH	BRITISH THERMAL UNITS PER HOUR
CFM	CUBIC FEET PER MINUTE
CLG	COOLING
COM	COMMON
D	DRAIN
DB	DRY BULB TEMPERATURE
dBA	A-WEIGHTED DECIBELS
DCW	DOMESTIC COLD WATER
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EQ	EQUAL
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
EX	EXISTING
F	DEGREES FAHRENHEIT
FC	FAIL CLOSED
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FO	FAIL OPEN
FPM	FEET PER MINUTE
FT	FOOT, FEET
GA	GAUGE
GAL	GALLON(S)
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HP	HORSEPOWER
HTG	HEATING
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
HZ	HERTZ
IN	INCH
IPLV	INTEGRATED PART-LOAD VALUE
KW	KILOWATT(S)
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	ONE THOUSAND BTUH
MCA	MINIMUM CIRCUIT AMPACITY
MFR	MANUFACTURER
MIN	MINIMUM
MOCP	MAXIMUM OVERCURRENT PROTECTION
MOD	MOTOR-OPERATED DAMPER
NC	NORMALLY CLOSED (FOR PLANS, DETAILS)
NC	NOISE CRITERIA (FOR SCHEDULES)
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
OA	OUTSIDE AIR
OC	ON CENTER
OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
PH	PHASE
PSIG	POUNDS PER SQUARE INCH GAUGE
RA	RETURN AIR
RD	REFRIGERANT DISCHARGE
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATIO
TD	TRANSFER DUCT
TYP	TYPICAL
UNO	UNLESS NOTED (INDICATED) OTHERWISE
V	VOLTAGE, VOLTS
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
W	WATT(S)
W/	WITH
W/O	WITHOUT
WB	WET BULB TEMPERATURE
WC	WATER COLUMN
WPD	WATER PRESSURE DROP
WWM	WELDED WIRE MESH

GRAPHIC SYMBOL LEGEND

CORRIDOR A101 — **SPACE TAG**: SPACE NAME, SPACE NUMBER, BUILDING "PART" NUMBER IN MULTI-PART BUILDING

AHU-12 — **EQUIPMENT TAG**: EQUIPMENT NUMBER, EQUIPMENT ABBREVIATION

S1 / 325 — **DIFFUSER, GRILLE OR REGISTER TAG**: TAG, REFER TO DIFFUSER, GRILLE AND REGISTER SCHEDULE; AIRFLOW (CFM)

1 / M5.1 — **DETAIL TAG**: DETAIL NUMBER, DRAWING WHERE DETAIL IS INDICATED

15 — KEYNOTE

C — STRUCTURAL GRID LINE WITH DESIGNATION

EXISTING TO BE REMOVED

1 / M5.1 — **DETAIL TITLE**: 1/4"=1'-0"; DETAIL NUMBER; DRAWING WHERE DETAIL IS INDICATED; DRAWING WHERE DETAIL IS REFERENCED; ADDITIONAL DRAWING REFERENCES (M2.2, M2.3, M2.4)

1 / M4.1 — **SECTION TITLE**: 1/4"=1'-0"; SECTION NUMBER; DRAWING WHERE SECTION IS INDICATED; DRAWING WHERE SECTION IS REFERENCED; ADDITIONAL DRAWING REFERENCES (M2.2, M2.3, M2.4)

1 / M4.1 — **SECTION CALLOUT**: SECTION NUMBER; DRAWING WHERE SECTION IS INDICATED

1 / M3.1 — **ENLARGED PLAN CALLOUT**: ENLARGED PLAN NUMBER; DRAWING WHERE ENLARGED PLAN IS INDICATED

MECHANICAL EQUIPMENT WITH REQUIRED SERVICE CLEARANCE INDICATED

DUCTWORK LEGEND

- 18x6 — RECTANGULAR DUCT (FIRST DIMENSION REFERS TO SIDE VIEWED)
- 18ø — ROUND DUCT SIZE
- 18/12 — FLAT OVAL DUCT SIZE
- 18ø — DOUBLE WALL, EXPOSED DUCT
- 18ø — FABRIC DUCT
- FLEXIBLE DUCTWORK
- FLEXIBLE CONNECTOR
- SD — DUCT-MOUNTED SMOKE DETECTOR
- DUCT WITH DUCT LINER
- DUCT ACCESS DOOR
- DUCT WITH END CAP
- LINEAR SLOT DIFFUSER, LENGTH AS INDICATED
- LINEAR BAR GRILLE, LENGTH AS INDICATED
- SUPPLY DIFFUSER
- RETURN OR EXHAUST GRILLE
- SUPPLY DIFFUSER WITH DIRECTIONAL BLOW, SOLID HATCH INDICATES BLANK OFF PANEL
- POINT OF CONNECTION TO EXISTING
- LIMIT OF DEMOLITION
- SUPPLY AIRFLOW ARROW
- RETURN OR EXHAUST AIRFLOW ARROW
- UC — DOOR UNDERCUT
- DL — DOOR LOUVER
- SENSOR WELL

- MANUAL BALANCING DAMPER IN DUCT
- FIRE DAMPER IN DUCT
- SMOKE DAMPER IN DUCT
- COMBINATION FIRE/SMOKE DAMPER IN DUCT
- SB — FIRE DAMPER WITH SECURITY BARS IN DUCT
- SB — SMOKE DAMPER WITH SECURITY BARS IN DUCT
- SB — COMBINATION FIRE/SMOKE DAMPER WITH SECURITY BARS IN DUCT
- M — MOTORIZED DAMPER IN DUCT
- SMOKE CONTROL MANUAL BALANCING DAMPER IN DUCT
- M — SMOKE CONTROL MOTORIZED DAMPER IN DUCT
- SB — SECURITY BARS IN DUCT
- AP — DUCT WITH ACCESS PANEL
- TO / AWAY — SUPPLY/MAKEUP AIR DUCT SECTIONS
- TO / AWAY — RETURN AIR DUCT SECTIONS
- TO / AWAY — EXHAUST AIR DUCT SECTIONS
- SD — SMOKE DETECTOR
- H — HUMIDITY SENSOR
- T — THERMOSTAT, LINE VOLTAGE
- T — THERMOSTAT, LOW VOLTAGE
- S — TEMPERATURE SENSOR
- C — CARBON DIOXIDE SENSOR
- CM — CARBON MONOXIDE SENSOR

PIPING LEGEND

- CO — END OF LINE CLEANOUT PLUG
- CO — CLEANOUT PLUG
- PRESSURE GAUGE WITH GAUGE COCK
- T — LIQUID FILLED THERMOMETER
- UNION
- STRAINER WITH BLOWDOWN VALVE AND 3/4" HOSE END CONNECTION
- FLEXIBLE PIPE CONNECTOR
- MA — MANUAL AIR VENT

- VALVE
- MANUAL BALANCING VALVE WITH FLOW TAPS
- AUTOMATIC BALANCING VALVE WITH FLOW TAPS
- SWING CHECK VALVE
- PRESSURE REDUCING VALVE
- TRIPLE DUTY VALVE
- GAS COCK
- P — PRESSURE-RELIEF VALVE
- M — TWO-WAY CONTROL VALVE
- M — THREE-WAY CONTROL VALVE
- DIRECTION OF FLOW

CONTROL SYMBOL LEGEND

- CIRCULATOR OR PUMP
- MOTORIZED 2-WAY VALVE
- MOTORIZED 3-WAY VALVE
- VFD — VARIABLE FREQUENCY DRIVE
- DDC — DIRECT DIGITAL CONTROLLER
- T — THERMOSTAT
- FZ — FREEZESTAT
- C — CONTACTOR
- R — RELAY
- S — SPACE TEMPERATURE SENSOR
- T — LINE VOLTAGE THERMOSTAT
- H, A — HAND-OFF-AUTOMATIC SWITCH
- SD — DUCT-MOUNTED SMOKE DETECTOR
- TRANSFORMER
- FUSE

- NORMALLY OPEN CONTACT
- NORMALLY CLOSED CONTACT
- WIRING OR DEVICE PROVIDED UNDER DIVISION 23
- WIRING OR DEVICE NOT PROVIDED UNDER DIVISION 23
- WIRING CONNECTION BY DIVISION 23
- WIRING CONNECTION BY OTHERS
- NUMBER OF CONDUCTORS INDICATED BY SLASH MARKS
- MOTORIZED PARALLEL BLADE DAMPER
- MOTORIZED OPPOSED BLADE DAMPER
- MOTORIZED BUTTERFLY BLADE DAMPER
- SUPPLY, RETURN, OR EXHAUST FAN
- AIRFLOW DIRECTION
- CONTROL POINT INDICATOR: AI / TS — INPUT OR OUTPUT (ANALOG INPUT); DEVICE TYPE (AIR TEMPERATURE SENSOR)
- CONTROL POINT INDICATOR: AI / TS — INPUT OR OUTPUT (ANALOG INPUT); DEVICE TYPE (AIR TEMPERATURE SENSOR WITH AVERAGING ELEMENT)
- CONTROL POINT INDICATOR: AI / TS — INPUT OR OUTPUT (ANALOG INPUT); DEVICE TYPE (WATER TEMPERATURE SENSOR WITH BULB TYPE ELEMENT IN PIPING WELL)
- CONTROL POINT INDICATOR: AI / CSR — INPUT OR OUTPUT (ANALOG INPUT); DEVICE TYPE (CURRENT SENSING RELAY)

GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE BETTER QUALITY OR GREATER QUANTITY OF WORK.

B. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT ONLY. DO NOT SCALE DRAWINGS. LOCATIONS OF ALL ITEMS INDICATED ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITIVELY FIXED BY DIMENSIONS ARE APPROXIMATE. COORDINATE CONTRACT DOCUMENTS PROJECT REQUIREMENTS, WORK OF OTHERS, AND EQUIPMENT AND MATERIALS PURCHASED WITH FIELD DIMENSIONS, MANUFACTURER'S REQUIREMENTS FOR INSTALLATION, OPERATION, AND MAINTENANCE, CONTRACTOR'S INTENDED MEANS AND METHODS OF INSTALLATION, AND CONTRACTOR'S FABRICATED ITEMS TO ENSURE A PROPER FIT AND INSTALLATION.

C. MAINTAIN MAXIMUM HEADROOM AND SPACE CONDITIONS AT ALL POINTS. WHERE HEADROOM AND SPACE CONDITIONS APPEAR INADEQUATE, NOTIFY THE ARCHITECTS PRIOR TO PROCEEDING WITH INSTALLATION. MAINTAIN A MINIMUM OF 7'-0" CLEARANCE ABOVE FINISHED FLOOR TO UNDERSIDE OF PIPES, DUCTS, CONDUITS, SUSPENDED EQUIPMENT, ETC., THROUGHOUT ACCESS ROUTES IN MECHANICAL ROOMS.

D. FIELD VERIFY AND COORDINATE ALL DUCT AND PIPING DIMENSIONS BEFORE FABRICATION. MAKE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICT WITH WORK OF OTHER TRADES OR FOR PROPER EXECUTION OF THE WORK.

E. INSTALL ALL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.

F. COORDINATE LOCATIONS AND SIZES OF ALL FLOOR, WALL, AND ROOF OPENINGS WITH ALL OTHER TRADES. COORDINATE ALL PIPING AND EQUIPMENT SUPPORTED FROM STRUCTURE WITH GENERAL CONSTRUCTION WORK.

G. PROVIDE TRAPPED DRAIN PIPING FROM DRAIN PANS OF ALL COOLING COILS, FANS AND OTHER ACTIVE DRAINS EXPOSED TO SYSTEM AIRSTREAM. PROVIDE TRAP AT CONNECTION WITH WATER SEAL DEPTH ONE INCH GREATER THAN UNIT OPERATING PRESSURE. DIRECT DRAINS TO NEAREST FLOOR DRAIN, MOP SINK, OR OTHER LOCATION APPROVED BY THE ARCHITECT.

H. INSTALL PIPING, DUCTWORK, AND CONDUIT CONCEALED IN AREAS HAVING CEILINGS AND/OR FURRED SPACES UNLESS OTHERWISE INDICATED.

I. ALL EQUIPMENT, VALVES, DAMPERS, DAMPER AND VALVE OPERATORS SHALL BE PROVIDED WITH ADEQUATE ACCESS FOR SERVICING, MAINTENANCE, AND REPLACEMENT.

J. SIZE ALL SPLIT-SYSTEM REFRIGERANT PIPING IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

K. DUCT DIMENSIONS MAY BE MODIFIED ONLY WITH PRIOR APPROVAL FROM ARCHITECT. DUCT DIMENSIONS ARE IN INCHES AND INSIDE CLEAR.

L. FOR LOCATION OF REGISTERS, GRILLES, AND DIFFUSERS WITHIN CEILING GRID, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.

M. ELEVATION INDICATED FOR RECTANGULAR DUCT, GRILLE AND LOUVER OPENINGS IS TO THE TOP OF ROUGH OPENING UNLESS OTHERWISE INDICATED. ELEVATION INDICATED FOR ROUND DUCTWORK AND PIPING IS TO CENTERLINE.

N. BRANCH PIPING RUNOUTS TO TERMINAL UNITS SHALL BE 3/4" DIAMETER UNLESS INDICATED OTHERWISE.

O. REFER TO STRUCTURAL DRAWINGS FOR DETAILS AND MAXIMUM SPACING REQUIREMENTS REGARDING HANGER ATTACHMENTS TO STEEL BAR JOISTS.

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COMMONWEALTH OF VIRGINIA — DAVID T. WHATELY — Lic. No. 052209 — 3/1/2024 — PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

LEGENDS, ABBREVIATIONS AND GENERAL NOTES

M0.1

3/1/2024 9:37:22 AM

J I H G F E D C B A
1 2 3 4 5 6 7 8 9 10

DUCTLESS SPLIT SYSTEM INDOOR UNIT SCHEDULE

TAG	LOCATION	SUPPLY AIR (CFM)	MANUFACTURER	MODEL NUMBER	TOTAL CAPACITY (BTUH)	SENSIBLE CAPACITY (BTUH)	INDOOR EAT (°F)		ELECTRICAL DATA						WEIGHT (LBS)
							DB	WB	MCA (A)	MOCP (A)	SERVICE (V)	(PH)	(HZ)		
DSS-1A	136 MDF	400	MITSUBISHI	PKA-A36	36,000	25,200	80	67	1.2	15	208	1	60		23
DSS-2A	169 SECURITY ELECTRONICS	300	MITSUBISHI	PKA-A18	18,000	13,140	80	67	1.2	15	208	1	60		23
DSS-3A	139 A/V	300	MITSUBISHI	PKA-A18	18,000	13,140	80	67	1.2	15	208	1	60		23
DSS-4A	244 IDF	300	MITSUBISHI	PKA-A18	18,000	13,140	80	67	1.2	15	208	1	60		23
DSS-5A	251 SECURITY ELECTRONICS	300	MITSUBISHI	PKA-A18	18,000	13,140	80	67	1.2	15	208	1	60		23
DSS-6A	230 A/V	300	MITSUBISHI	PKA-A18	18,000	13,140	80	67	1.2	15	208	1	60		23

GENERAL NOTES:
A. PROVIDE BLUE DIAMOND MAXIBLUE X87-721 CONDENSATE PUMP POWERED FROM INDOOR UNIT AND INTEGRAL DRAIN PAN LEVEL SENSOR TO DISABLE UNIT ON DETECTION OF MOISTURE.
B. PROVIDE WALL-MOUNTED, HARDWIRED, PROGRAMMABLE THERMOSTAT.
C. INDOOR UNIT IS POWERED FROM ASSOCIATED OUTDOOR UNIT.

DUCTLESS SPLIT SYSTEM OUTDOOR UNIT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	SERVING	AMBIENT AIR TEMPERATURE (°F)	ELECTRICAL DATA					REFRIGERANT	WEIGHT (LBS)
					MCA (A)	MOCP (A)	SERVICE (V)	(PH)	(HZ)		
DSS-1B	MITSUBISHI	PUY-A36NKA7	DSS-1A	95.0	25	30	208	1	60	R-410A	96
DSS-2B	MITSUBISHI	PUY-A18NKA7	DSS-2A	95.0	11	15	208	1	60	R-410A	96
DSS-3B	MITSUBISHI	PUY-A18NKA7	DSS-3A	95.0	11	15	208	1	60	R-410A	96
DSS-4B	MITSUBISHI	PUY-A18NKA7	DSS-4A	95.0	11	15	208	1	60	R-410A	96
DSS-5B	MITSUBISHI	PUY-A18NKA7	DSS-5A	95.0	11	15	208	1	60	R-410A	96
DSS-6B	MITSUBISHI	PUY-A18NKA7	DSS-6A	95.0	11	15	208	1	60	R-410A	96

GENERAL NOTES:
A. PROVIDE INTEGRAL DISCONNECT BY DIV 23.

ELECTRIC UNIT HEATER SCHEDULE

TAG	MFR	MODEL NUMBER	LOCATION	TYPE	HEATING CAPACITY (KW)	AIRFLOW (CFM)	ELECTRICAL DATA (V)	(PH)	(HZ)	WEIGHT (LBS)
EUH-01	TRANE	UHEC-031C0C0	134 MAIN ELEC	PROPELLER	3.3	400	277	1	60	27

GENERAL NOTES:
A. PROVIDE INTEGRAL THERMOSTAT AND DISCONNECT.

HOT WATER UNIT HEATER SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	LOCATION	TYPE	TOTAL CAPACITY (BTUH)	AIR		HYDRONIC HEATING COIL			ELECTRICAL DATA					WEIGHT (LBS)
						AIR FLOW (CFM)	EAT (°F)	FLOW RATE (GPM)	EWT (°F)	WATER PRESSURE DROP (FT WC)	MCA (A)	MOCP (A)	SERVICE (V)	(PH)	(HZ)	
CUH-01	TRANE	FFBB030	STAIR 1	VERTICAL SLOPE TOP	12,170	350	60	0.5	140	0.41	2.75	15	120	1	60	97
CUH-02	TRANE	FFBB030	STAIR 2	VERTICAL SLOPE TOP	12,170	350	60	0.5	140	0.41	2.75	15	120	1	60	97
CUH-03	TRANE	FFBB030	STAIR 3	VERTICAL SLOPE TOP	12,170	350	60	0.5	140	0.41	2.75	15	120	1	60	97
CUH-04	TRANE	FFBB030	STAIR 4	VERTICAL SLOPE TOP	12,170	350	60	0.5	140	0.41	2.75	15	120	1	60	97
UH-01	TRANE	S-A25	VEHICLE SALLYPORT	HORIZONTAL	11,750	245	60	1.0	140	2.20	1.50	15	120	1	60	25
UH-02	TRANE	S-A25	VEHICLE SALLYPORT	HORIZONTAL	11,750	245	60	1.0	140	2.20	1.50	15	120	1	60	25
UH-03	TRANE	S-A25	VEHICLE SALLYPORT	HORIZONTAL	11,750	245	60	1.0	140	2.20	1.50	15	120	1	60	25
UH-04	TRANE	S-A25	VEHICLE SALLYPORT	HORIZONTAL	11,750	245	60	1.0	140	2.20	1.50	15	120	1	60	25
UH-05	TRANE	S-A25	132 MECHANICAL	HORIZONTAL	11,750	245	60	1.0	140	2.20	1.50	15	120	1	60	25

GENERAL NOTES:
A. PROVIDE INTEGRAL DISCONNECT BY DIV 23.
B. PROVIDE WITH 3-WAY VALVE.

GRILLE, REGISTER, AND DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	MOUNTING STYLE	SECURITY DESCRIPTION	NECK SIZE	FACE SIZE	MAX NC LEVEL
S1	PRICE	ASCDA	LAY-IN	N/A	6ø	24x24	18
S2	PRICE	ASCDA	LAY-IN	N/A	8ø	24x24	18
S3	PRICE	SDBI-100-2	SURFACE	N/A	6ø	48x3	18
S4	PRICE	SDBI-100-2	SURFACE	N/A	8ø	48x4	18
S5	PRICE	MSPG	SURFACE	MAXIMUM	8x8	12x12	18
R1	PRICE	500	LAY-IN	N/A	22x22	24x24	18
E1	PRICE	630-F-L	SURFACE	N/A	8x8	12x12	18
E2	PRICE	630-F-L	SURFACE	N/A	10x10	12x12	18
E3	PRICE	MSPG	SURFACE	MAXIMUM	8x8	12x12	18
T1	PRICE	635-F	LAY-IN	N/A	10x10	24x24	18
T2	PRICE	635-F-L	SURFACE	N/A	10x10	12x12	18

ROOFTOP UNIT SCHEDULE

TAG	MFR	MODEL NUMBER	SERVING	SUPPLY FAN			OUTSIDE AIRFLOW (CFM)	UNIT PRESSURIZATION DIFFERENTIAL (CFM)	EXHAUST/RELIEF FAN			DX COOLING COIL				HYDRONIC HEATING COIL							ELECTRICAL DATA						WEIGHT (LBS)
				DESIGN AIRFLOW (CFM)	ESP (IN WC)	MOTOR SIZE (HP)			DESIGN AIRFLOW (CFM)	ESP (IN WC)	MOTOR SIZE (HP)	TOTAL CAPACITY (BTUH)	SENSIBLE CAPACITY (BTUH)	EAT DB (°F)	EAT WB (°F)	LAT DB (°F)	LAT WB (°F)	SENSIBLE CAPACITY (BTUH)	HEATING AIR FLOW (CFM)	EAT (°F)	LAT (°F)	EWT (°F)	LWT (°F)	FLOW RATE (GPM)	WATER PRESSURE DROP (FT WC)	MCA (A)	MOCP (A)	SERVICE (V)	(PH)	(HZ)	
RTU-1	TRANE	DADG304B	FIRST FLOOR	7,600	2.00	15	2,200	1,000	6,600	1.00	5.0	324,920	214,040	80.2	66.2	52.2	50.7	125,000	2,500	9.0	55.0	140	100	7	1.0	85.1	110	480	3	60	6,457
RTU-2	TRANE	DANG404B	SECOND FLOOR	9,500	1.75	15	2,400	1,000	8,500	0.75	7.5	398,630	277,000	81.0	66.0	53.3	51.4	150,000	3,000	9.0	55.0	140	100	8	1.0	98.5	110	480	3	60	8,650

GENERAL NOTES:
A. PROVIDE SINGLE POINT POWER CONNECTION WITH DISCONNECT SWITCH BY DIV 23.
B. PROVIDE MODULATING CAPACITY DIGITAL SCROLL OR VARIABLE SPEED COMPRESSOR ON LEAD CIRCUIT.
C. PROVIDE WITH 3-WAY VALVE ON HEATING COIL.

CONDENSING BOILER SCHEDULE

TAG	MFR	MODEL	LOCATION	INPUT CAPACITY (BTUH)	OUTPUT CAPACITY (BTUH)	FUEL TYPE	MINIMUM FUEL INLET PRESSURE (IN WC)	MAXIMUM FUEL INLET PRESSURE (IN WC)	EWT (°F)	LWT (°F)	MAXIMUM FLOW RATE (GPM)	DESIGN FLOW RATE (GPM)	MINIMUM FLOW RATE (GPM)	WATER PRESSURE DROP (FT WC)	COMBUSTION AIR		WATER		FUEL	ELECTRICAL DATA					WEIGHT (LBS)
															INLET (IN)	OUTLET (IN)	INLET (IN)	OUTLET (IN)	INLET (IN)	FLA (A)	SERVICE (V)	(PH)	(HZ)		
B-1	LOCHINVAR	KBX0400N	132 MECH	399,000	373,065	NATURAL GAS	4.0	14.0	100	140	38	30	22	5.0	4	4	2	2	1.0	3.0	120	1	60	365
B-2	LOCHINVAR	KBX0400N	132 MECH	399,000	373,065	NATURAL GAS	4.0	14.0	100	140	38	30	22	5.0	4	4	2	2	1.0	3.0	120	1	60	365

PUMP SCHEDULE

TAG	MFR	MODEL NUMBER	SERVING	TYPE	OPERATING DATA			SUCTION SIZE (IN)	DISCHARGE SIZE (IN)	IMPELLER SIZE (IN)	MOTOR SPEED (RPM)	MOTOR SIZE (HP)	ELECTRICAL DATA				NOTES
					FLOW (GPM)	HEAD (FT WC)	EFFICIENCY (%)						(V)	(PH)	(HZ)		
P-1	GRUNDFOS	MAGNA3 50-150 F	BOILER B-1	INLINE	30	12	32.1	2.0	2.0	3.000	1497	0.25	120	1	60		1
P-2	GRUNDFOS	MAGNA3 50-150 F	BOILER B-2	INLINE	30	12	32.1	2.0	2.0	3.000	1497	0.25	120	1	60		1
P-3	BELL & GOSSETT	E-60	HOT WATER SYSTEM	INLINE	50	40	63.2	1.5	1.5	7.000	1564	1.5	208	1	60		1, 2, 3
P-4	BELL & GOSSETT	E-60	HOT WATER SYSTEM	INLINE	50	40	63.2	1.5	1.5	7.000	1564	1.5	208	1	60		1, 2, 3

NOTES:
1. DISCONNECT PROVIDED BY DIV 23.
2. VFD WITH DISCONNECT PROVIDED BY DIV 23.
3. SET PUMP MINIMUM FLOW RATE TO 30 GPM.

AIR SEPARATOR SCHEDULE

TAG	MFR	MODEL NUMBER	SERVING	LOCATION	INLET SIZE (IN)	OUTLET SIZE (IN)	FLOW RATE (GPM)	WATER PRESSURE DROP (FT WC)	DRAIN SIZE (IN)	WEIGHT (LBS)
AS-1	BELL & GOSSETT	RL-2FB	HOT WATER SYSTEM	132 MECH	2	2	30	0.50	2	173

EXPANSION TANK SCHEDULE

TAG	MFR	MODEL NUMBER	SERVING	LOCATION	TYPE	TANK VOLUME (GAL)	ACCEPTANCE (GAL)	FILL PRESSURE (PSIG)	WEIGHT (LBS)
ET-1	WESSELS	NLA-85	HOT WATER SYSTEM	132 MECH	REPLACEABLE BLADDER	23	15	15	90

FAN-POWERED VAV TERMINAL UNIT SCHEDULE

TAG	MFR	MODEL NUMBER	AIR VALVE				FAN				COIL						ELECTRICAL DATA						WEIGHT (LBS)	NOTES
			INLET DIAMETER (IN)	MAXIMUM AIRFLOW (CFM)	MINIMUM AIRFLOW (CFM)	APD AT MAXIMUM AIR FLOW (IN WC)	FAN SIZE	MOTOR (HP)	AIRFLOW (CFM)	ESP (IN WC)	DESIGN AIRFLOW (CFM)	CAPACITY (BTUH)	EAT (°F)	LAT (°F)	FLOW RATE (GPM)	WATER PRESSURE DROP (FT WC)	EWT (°F)	LWT (°F)	ROWS (NO)	FLA (A)	MCA (A)	MOCP (A)	SERVICE (V)	(PH)	(HZ)		
TU1-01	TRANE	VPWF	16	1,800	600	0.23	06SQ	1	1,200	0.25	1800	56,000	63.7	92.4	3.50	5.80	140	107.9	2	5.1	6.4	15	277	1	60	150	1
TU1-02	TRANE	VPWF	8	555	130	0.12	03SQ	1/3	425	0.25	555	12,480	65.0	85.7	0.50	0.10	140	89.9	2	2.4	3.0	15	277	1	60	100	-
TU1-03	TRANE	VPWF	8	650	160	0.17	03SQ	1/3	490	0.25	650	17,320	64.8	89.4	0.75	0.20	140	93.7	2	2.4	3.0	15	277	1	60	100	1
TU1-08	TRANE	VPWF	8	700	140	0.19	03SQ	1/3	560	0.25	700	17,490	65.4	88.4	0.75	0.20	140	93.2	2	2.4	3.0	15	277	1	60	100	-
TU1-11	TRANE	VPWF	6	425	75	0.32	03SQ	1/3	350	0.25	425	11,640	65.7	91.0	0.50	0.10	140	91.0	2	2.4	3.0	15	277	1	60	100	-
TU1-12	TRANE	VPWF	6	380	60	0.26	03SQ	1/3	320	0.25	380	14,470	66.0	101.1	0.75	0.20	140	101.3	2	2.4	3.0	15	277	1	60	100	1
TU1-15	TRANE	VPWF	6	255	75	0.12	03SQ	1/3	180	0.25	255	10,090	64.2	100.7	0.50	0.10	140	99.5	2	2.4	3.0	15	277	1	60	100	-
TU1-16	TRANE	VSWF	6	315	100	0.20	03SQ	1/3	315	0.25	315	10,780	63.9	95.7	0.50	0.10	140	96.8	2	2.4	3.0	15	277	1	60	92	-
TU1-17	TRANE	VPWF	6	310	60	0.17	03SQ	1/3	250	0.25	310	10,640	65.5	97.1	0.50	0.10	140	97.3	2	2.4	3.0	15	277	1	60	100	-
TU2-01	TRANE	VPWF	10	945	220	0.14	03SQ	1/3	725	0.25	945	32,940	65.0	94.1	2.00	1.20	140	107.0	2	2.4	3.0	15	277	1	60	100	1
TU2-02	TRANE	VPWF	8	750	160	0.22	03SQ	1/3	590	0.25	750	17,800	65.2	87.1	0.75	0.20	140	92.4	2	2.4	3.0	15	277	1	60	100	-
TU2-03	TRANE	VPWF	6	290	60	0.15	03SQ	1/3	230	0.25	290	10,430	65.3	98.5	0.50	0.10	140	98.2	2	2.4	3.0	15	277	1	60	100	-
TU2-04	TRANE	VPWF	8	750	155	0.22	03SQ	1/3	595	0.25	750	17,780	65.3	87.2	0.75	0.20	140	92.5	2	2.4	3.0	15	277	1	60	100	-
TU2-05	TRANE	VPWF	8	800	150	0.25	03SQ	1/3	650	0.25	800	24,990	65.6	94.4	1.25	0.50	140	99.9	2	2.4	3.0	15	277	1	60	100	1
TU2-09	TRANE	VPWF	6	260	60	0.11	03SQ	1/3	200	0.25	260	6,980	65.0	89.8	0.50	0.07	140	112.0	2	2.4	3.0	15	277	1	60	100	-
TU2-10	TRANE	VPWF	8	630	110	0.16	03SQ	1/3	520	0.25	630	16,990	65.7	90.6	0.75	0.20	140	94.6	2	2.4	3.0	15	277	1	60	100	-
TU2-13	TRANE	VPWF	6	450	100	0.36	03SQ	1/3	350	0.25	450	15,530	65.1	96.9	0.75	0.20	140	98.5	2	2.4	3.0	15	277	1	60	100	-
TU2-14	TRANE	VPWF	6	330	105	0.19	03SQ	1/3	225	0.25	330	11,090	63.9	94.9	0.50	0.10	140	95.5	2	2.4	3.0	15	277	1	60	100	-
TU2-15	TRANE	VPWF	6	300	100	0.16	03SQ	1/3	200	0.25	300	10,780	63.7	96.8	0.50	0.10	140	96.8	2	2.4	3.0	15	277	1	60	100	-
TU2-16	TRANE	VPWF	8	860	150	0.28	03SQ	1/3	710	0.25	860	22,350	65.7	89.7	1.00	0.34	140	95.2	2	2.4	3.0	15	277	1	60	100	1
TU2-17	TRANE	VPWF	6	260	60	0.12	03SQ	1/3	200	0.25	260	10,060	65.0	100.7	0.50	0.10	140	99.7	2	2.4	3.0	15	277	1	60	100	-
TU2-18	TRANE	VPWF	6	300	80	0.16	03SQ	1/3	220	0.25	300	10,660	64.5	97.3	0.50	0.10	140	97.3	2	2.4	3.0	15	277	1	60	100	-
TU2-19	TRANE	VPWF	6	300	80	0.16	03SQ	1/3	220	0.25	300	10,660	64.5	97.3	0.50	0.10	140	97.3	2	2.4	3.0	15	277	1	60	100	-
TU2-20	TRANE	VSWF	6	290	100	0.20	03SQ	1/3	290	0.25	290	10,780	63.9	95.4	0.50	0.10	140	96.8	2	2.4	3.0	15	277	1	60	92	-

GENERAL NOTES:
A. DISCONNECT PROVIDED BY DIV 26.
B. PROVIDE WITH 2-WAY VALVE UNLESS NOTED OTHERWISE.
NOTES:
1. PROVIDE WITH 3-WAY VALVE.

SINGLE DUCT VAV TERMINAL UNIT SCHEDULE

TAG	MFR	MODEL NUMBER	AIR VALVE				COIL						ELECTRICAL DATA				WEIGHT (LBS)
			INLET DIAMETER (IN)	MAXIMUM AIRFLOW (CFM)	MINIMUM AIRFLOW (CFM)	APD AT MAX AIR FLOW (IN-WC)	DESIGN AIRFLOW (CFM)	CAPACITY (BTUH)	EAT (°F)	LAT (°F)	FLOW RATE (GPM)	FLUID PRESSURE DROP (FT WC)	EWT (°F)	LWT (°F)	ROWS (NO)	(V)	(PH)	(HZ)	
TU1-04	TRANE	VCWF	4	120	40	0.03	100	4,110	55	92.9	0.5	0.5	140	123.5	1	120	1	60	35
TU1-05	TRANE	VCWF	4	160	50	0.04	100	4,110	55	92.9	0.5	0.5	140	123.5	1	120	1	60	35
TU1-06	TRANE	VCWF	12	1050	465	0.25	465	15,620	55	86.0	1.0	0.1	140	108.7	2	120	1	60	35
TU1-07	TRANE	VCWF	4	210	55	0.11	100	6,330	55	101.7	0.5	0.2	140	114.6	2	120	1	60	35
TU1-09	TRANE	VCWF	4	150	50	0.04	100	4,110	55	92.9	0.5	0.5	140	123.5	1	120	1	60	35
TU1-10	TRANE	VCWF	5	275	130	0.09	130	4,590	55	87.5	0.5	0.5	140	122.2	1	120	1	60	35
TU1-13	TRANE	VCWF	5	350	120	0.13	120	4,440	55	89.1	0.5	0.5	140	122.2	1	120	1	60	35
TU1-14	TRANE	VCWF	4	135	50	0.04	100	4,110	55	92.9	0.5	0.2	140	123.5	1	120	1	60	35
TU2-06	TRANE	VCWF	4	130	50	0.08	100	4,110	55	92.9	0.5	0.5	140	123.5	1	120	1	60	35
TU2-07	TRANE	VCWF	4	175	55	0.08	100	4,110	55	92.9	0.5	0.5	140	123.5	1	120	1	60	35
TU2-08	TRANE	VCWF	12	1120	455	0.28	455	15,520	55	86.5	1.0	0.1	140	108.9	2	120	1	60	35
TU2-11	TRANE	VCWF	10	700	300	0.23	300	9,620	55	84.6	0.5	0.1	140	101.5	2	120	1	60	35
TU2-12	TRANE	VCWF	5	250	90	0.08	100	4,110	55	92.9	0.5	0.5	140	123.5	1	120	1	60	35

GENERAL NOTES:
A. DISCONNECT PROVIDED BY DIV 26.
B. PROVIDE WITH 2-WAY VALVE.

FAN SCHEDULE

TAG	MFR	MODEL NUMBER	SERVING	TYPE	AIRFLOW (CFM)	ESP (IN WC)	FAN WHEEL (RPM)	DRIVE TYPE	SONES	CONTROL METHOD	MOTOR (HP)	ELECTRICAL DATA (V)	(PH)	(HZ)	WEIGHT (LBS)	NOTES
F-01	GREENHECK	SQ-100-VG	168 VEHICLE SALLYPORT	INLINE CENTRIFUGAL	700	0.30	1106	DIRECT	5.5	CO SENSOR	1/4	120	1	60	56	1, 2, 3
F-02	GREENHECK	SQ-90-VG	132 MECH	INLINE CENTRIFUGAL	300	0.30	1187	DIRECT	4.3	LINE VOLTAGE T-STAT	1/10	120	1	60	41	1, 3
F-03	GREENHECK	SQ-90-VG	134 & 135 ELEC	INLINE CENTRIFUGAL	400	0.30	1407	DIRECT	4.4	LINE VOLTAGE T-STAT	1/10	120	1	60	41	1, 4
F-04	GREENHECK	G-130-VG	FIRST FLOOR GENERAL EXHAUST	ROOF MTD. CENTRIFUGAL	1,640	1.00	1544	DIRECT	13.4	BAS	1/2	120	1	60	43	1, 3
F-05	GREENHECK	G-95-VG	SECOND FLOOR GENERAL EXHAUST (EAST)	ROOF MTD. CENTRIFUGAL	780	0.50	1531	DIRECT	10.3	BAS	1/6	120	1	60	43	1, 3
F-06	GREENHECK	G-120-VG	SECOND FLOOR GENERAL EXHAUST (CENTRAL)	ROOF MTD. CENTRIFUGAL	945	0.50	1114	DIRECT	7.7	BAS	1/4	120	1	60	43	1, 3
F-07	GREENHECK	G-90-VG	SECOND FLOOR GENERAL EXHAUST (WEST)	ROOF MTD. CENTRIFUGAL	375	0.40	1333	DIRECT	5.8	BAS	1/10	120	1	60	43	1, 3

NOTES:
1. PROVIDE MOTORIZED BACKDRAFT DAMPER AND INTERLOCK WITH FAN OPERATION.
2. PROVIDE WITH 0-10V CONTROL FOR VARIABLE SPEED. BAS TO SEND ECM MOTOR 0-10V SIGNAL FOR SPEED. MINIMUM AIRFLOW SET POINT FOR FAN SHALL BE 200 CFM. MAXIMUM AIRFLOW SET POINT SHALL BE AS LISTED IN SCHEDULE.
3. DISCONNECT PROVIDED BY DIV 23.
4. DISCONNECT PROVIDED BY DIV 26.

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COMMONWEALTH OF VIRGINIA
DAVID T. WHATELY
Lic. No. 052209
3/1/2024
PROFESSIONAL ENGINEER

FACILITY
STAUNTON J&DR COURTS FACILITY
City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

SCHEDULES

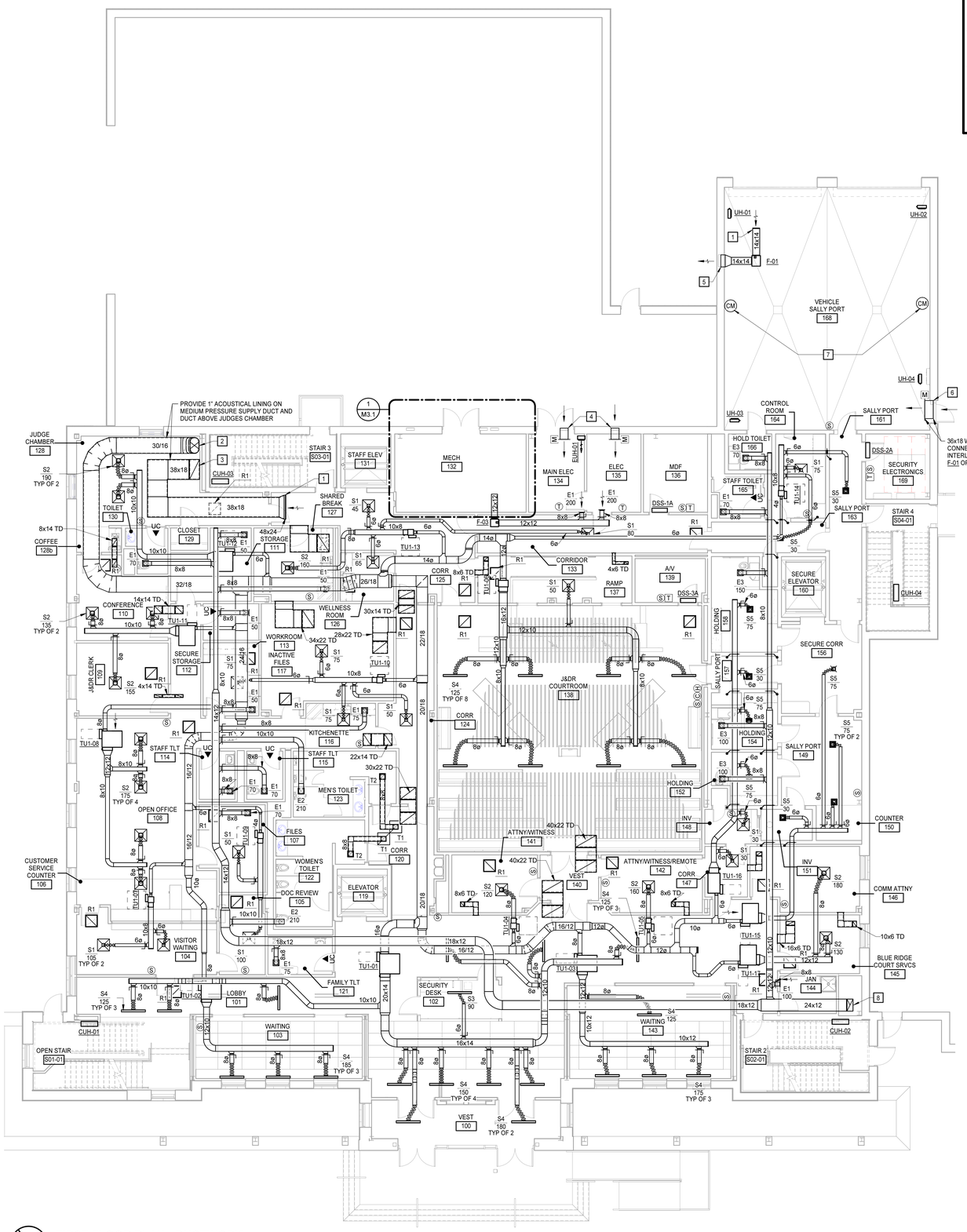
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KEYNOTES

APPLIES TO THIS DRAWING
REPRESENTED BY [X]

1. OPEN END DUCT, COVER WITH 1/2" x 1/2" WELDED WIRE MESH.
2. 32/18 SUPPLY DUCT UP TO SECOND FLOOR IN CHASE.
3. 40x20 RETURN DUCT UP TO SECOND FLOOR IN CHASE.
4. 16x16 W/ MOTORIZED DAMPER CONNECT TO LOUVER. INTERLOCK DAMPER WITH FAN F-03 OPERATION.
5. 24x16 CONNECT TO LOUVER.
6. 36x18 W/ MOTORIZED DAMPER CONNECT TO LOUVER. INTERLOCK DAMPER WITH FAN F-01 OPERATION.
7. PROVIDE CARBON MONOXIDE GAS DETECTION SYSTEM. SEE SECTION 233424 SPECIALTY EXHAUST SYSTEMS.
8. 24x12 EXHAUST DUCT UP TO SECOND FLOOR IN CHASE.



FIRST FLOOR PLAN - DUCTWORK
1/8" = 1'-0"

0' 2' 4' 8' 16'
1/8" = 1'-0"

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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

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FIRST FLOOR PLAN - DUCTWORK

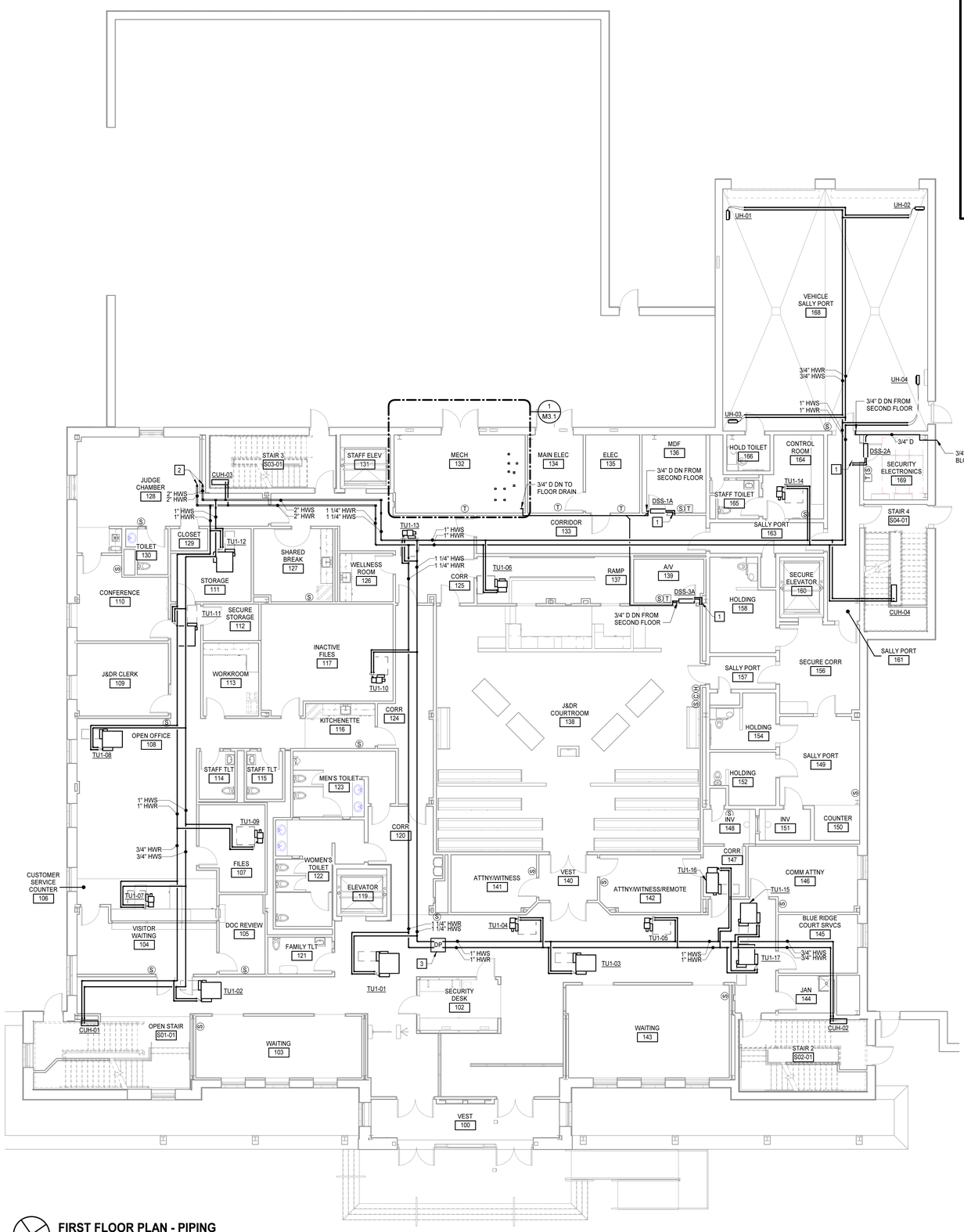
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KEYNOTES

APPLIES TO THIS DRAWING
REPRESENTED BY [X]

1. REFRIGERANT PIPING ROUTED UP TO SECOND FLOOR. ROUTE AND SIZE PER MANUFACTURERS RECOMMENDATION.
2. 2" HWS & HWR UP TO SECOND FLOOR.
3. PROVIDE DIFFERENTIAL PRESSURE SENSOR IN THIS LOCATION ACROSS HOT WATER SUPPLY AND RETURN PIPING.



FIRST FLOOR PLAN - PIPING

1/8" = 1'-0"

0' 2' 4' 8' 16'

1/8" = 1'-0"

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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
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REVISIONS	
DATE	DESCRIPTION

FIRST FLOOR PLAN - PIPING

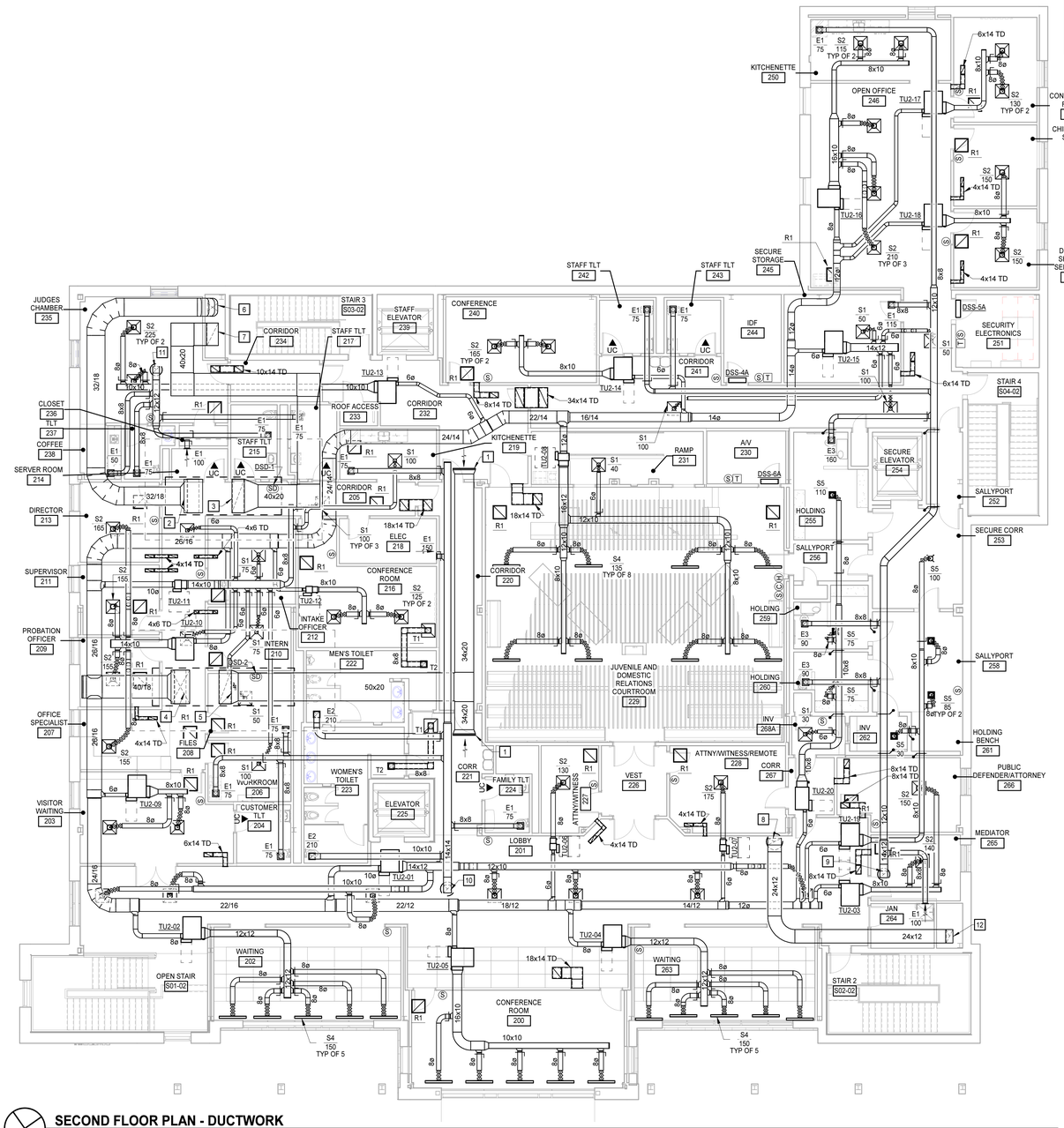
M2.1.2

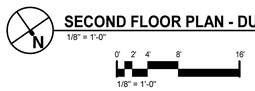
3/1/2024 9:37:39 AM

KEYNOTES

APPLIES TO THIS DRAWING
REPRESENTED BY [X]

1. OPEN END DUCT, COVER WITH 1/2" x 1/2" WELDED WIRE MESH.
2. 32/18 SUPPLY DUCT UP TO RTU-1. PROVIDE DUCT TRANSITIONS TO FULL CONNECTION SIZE IN VERTICAL.
3. 40x20 RETURN DUCT UP TO RTU-1. PROVIDE DUCT TRANSITIONS TO FULL CONNECTION SIZE IN VERTICAL.
4. 40/18 SUPPLY DUCT UP TO RTU-2. PROVIDE DUCT TRANSITIONS TO FULL CONNECTION SIZE IN VERTICAL.
5. 50x20 RETURN DUCT UP TO RTU-2. PROVIDE DUCT TRANSITIONS TO FULL CONNECTION SIZE IN VERTICAL.
6. 32/18 SUPPLY DUCT DN IN CHASE TO FIRST FLOOR.
7. 40x20 RETURN DUCT DN IN CHASE TO FIRST FLOOR.
8. 24x12 EXHAUST DUCT UP TO F-04 ON ROOF.
9. 14x12 EXHAUST DUCT UP TO F-05 ON ROOF.
10. 14x14 EXHAUST DUCT UP TO F-06 ON ROOF.
11. 12x12 EXHAUST DUCT UP TO F-07 ON ROOF.
12. 24x12 EXHAUST DUCT DN TO FIRST FLOOR IN CHASE.





SECOND FLOOR PLAN - DUCTWORK
1/8" = 1'-0"

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MOSELEYARCHITECTS.COM

COMMONWEALTH OF VIRGINIA
DAVID T. WHATELY
Lic. No. 052209
3/1/2024
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS

DATE	DESCRIPTION

SECOND FLOOR PLAN - DUCTWORK

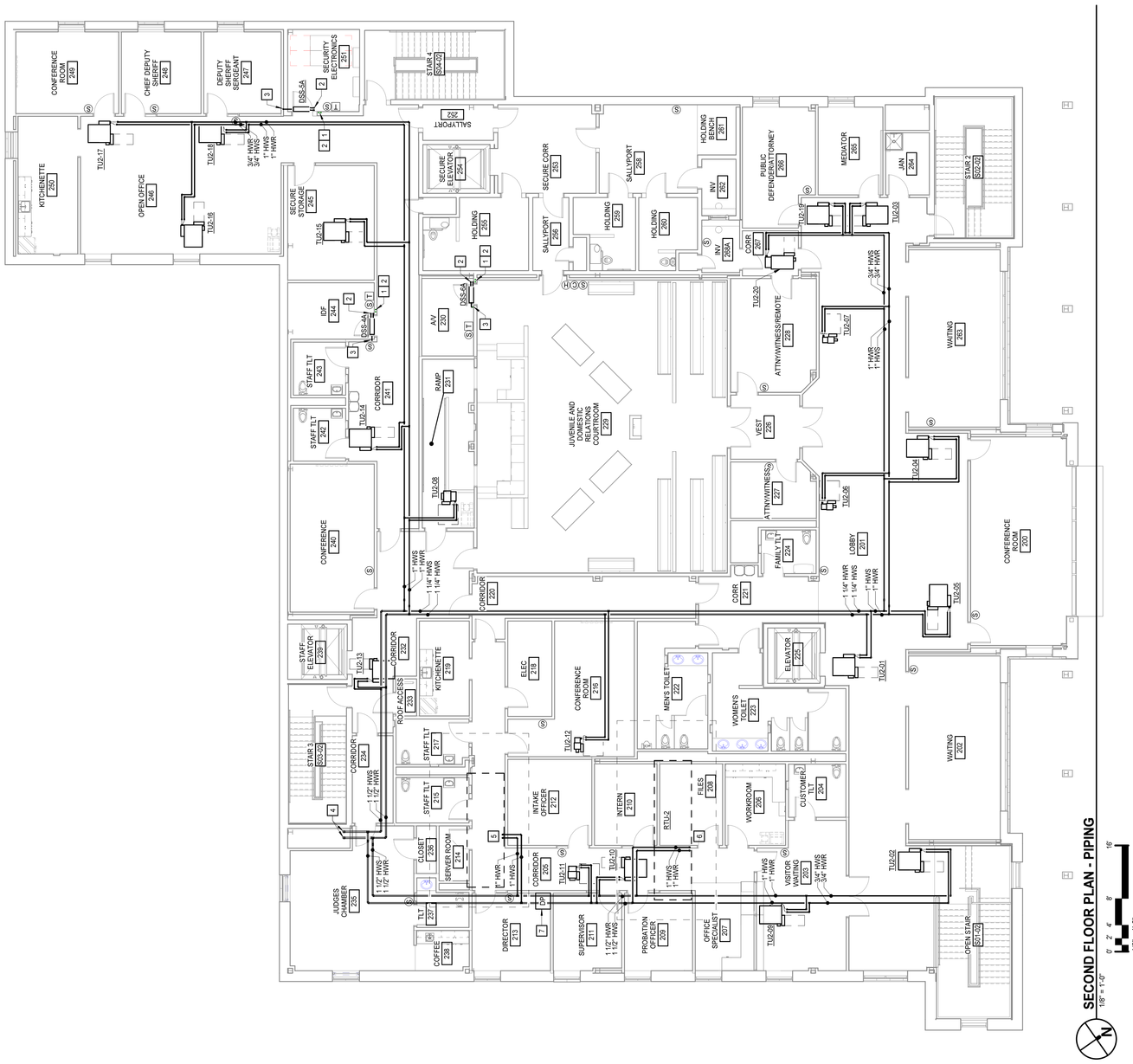
M2.2.1

3/1/2024 9:37:46 AM

KEYNOTES

APPLIES TO THIS DRAWING
REPRESENTED BY [X]

1. REFRIGERANT PIPING ROUTED DN TO FIRST FLOOR, ROUTE AND SIZE PER MANUFACTURERS RECOMMENDATION.
2. REFRIGERANT PIPING ROUTED UP TO ROOF, ROUTE AND SIZE PER MANUFACTURERS RECOMMENDATION.
3. 3/4" D DN TO FIRST FLOOR.
4. 2" HWS & HWR DN TO FIRST FLOOR.
5. 1" HWS & HWR UP TO RTU-1.
6. 1" HWS & HWR UP TO RTU-2.
7. PROVIDE DIFFERENTIAL PRESSURE SENSOR IN THIS LOCATION ACROSS HOT WATER SUPPLY AND RETURN PIPING.



SECOND FLOOR PLAN - PIPING

1/8" = 1'-0"

0 2 4 8 16'

1/8" = 1'-0"

N

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverly Street, Staunton, VA 24401

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DATE	MARCH 1, 2024

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SECOND FLOOR PLAN - PIPING

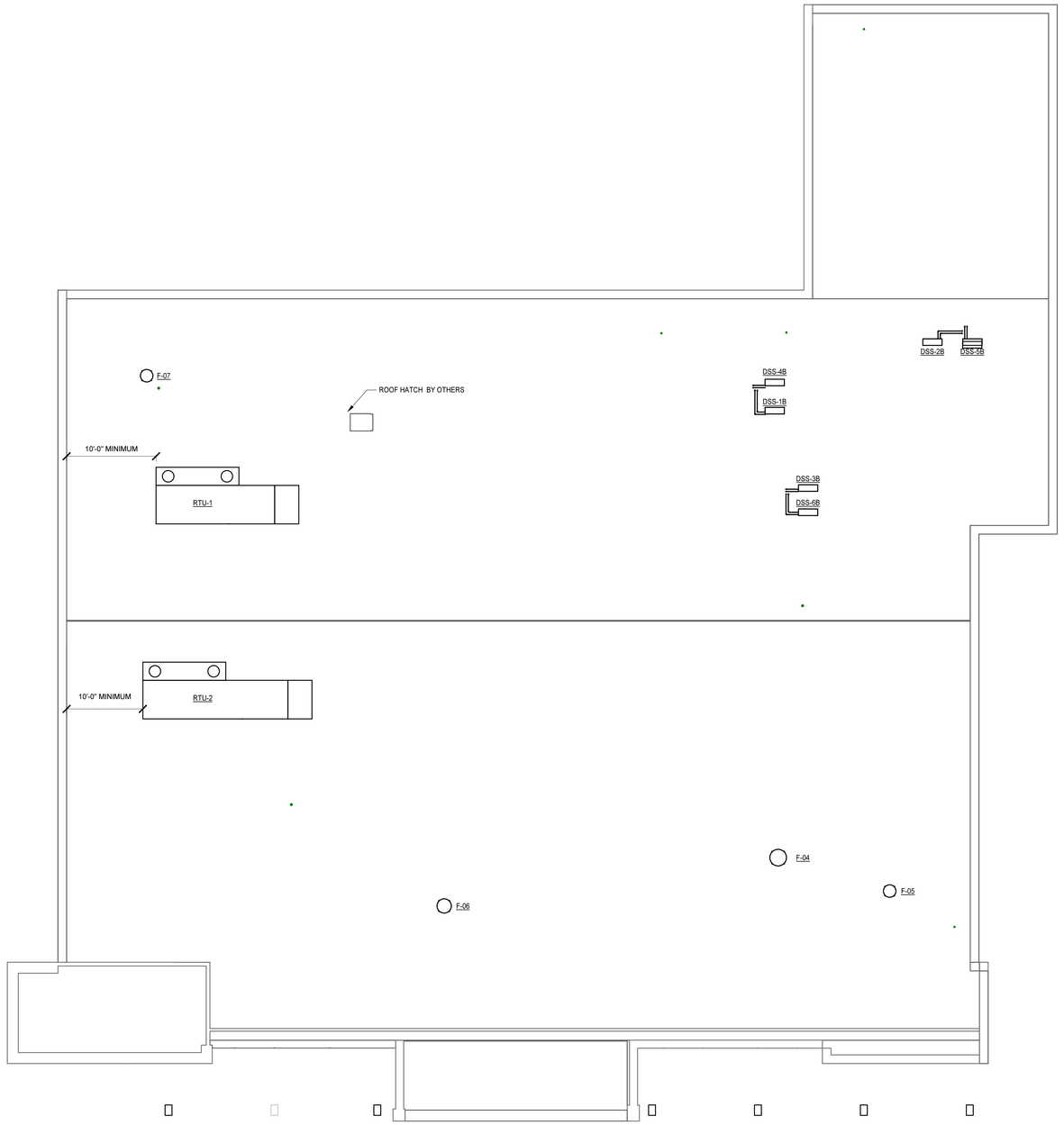
M2.2.2

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3/1/2024 9:37:51 AM



N

ROOF PLAN

1/8" = 1'-0"

0' 2' 4' 8' 16'

1/8" = 1'-0"

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STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

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ROOF PLAN

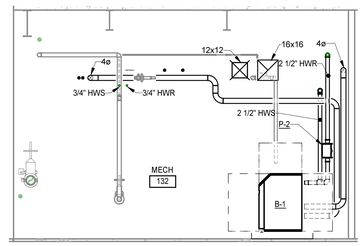
M2.3

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KEYNOTES

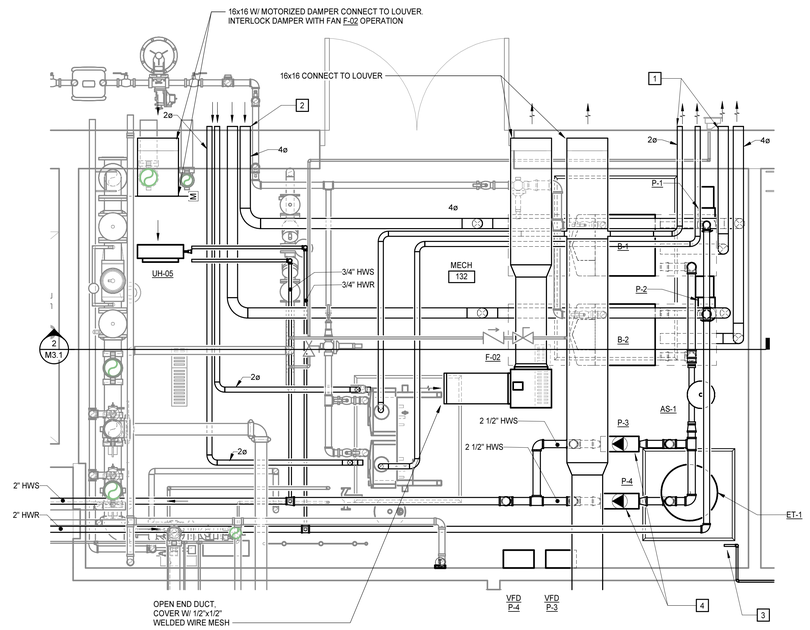
APPLIES TO THIS DRAWING
REPRESENTED BY [X]

1. SIDEWALL VENT TERMINATION IN ACCORDANCE WITH BOILER AND DOMESTIC WATER HEATER MANUFACTURER INSTRUCTIONS. SLOPE VENT BACK TO BOILER.
2. SIDEWALL COMBUSTION AIR INTAKE TERMINATION IN ACCORDANCE WITH BOILER AND DOMESTIC WATER HEATER MANUFACTURER INSTRUCTIONS.
3. DISCHARGE CONDDSNATE TO NEAREST FLOOR DRAIN.
4. SUSPEND PUMPS FROM STRUCTURE ABOVE.



2 M3.1 M3.1 **SECTION**
1/4" = 1'-0"

0' 1' 2' 4' 8'
1/4" = 1'-0"



1 M2.1 1 M3.1 **ENLARGED PLAN - MECHANICAL ROOM**
1/2" = 1'-0"

0' 6" 1' 2' 4'
1/2" = 1'-0"

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2040 West Beverley Street, Staunton, VA 24401

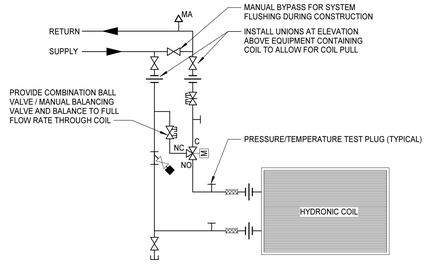
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ENLARGED PLANS AND SECTIONS

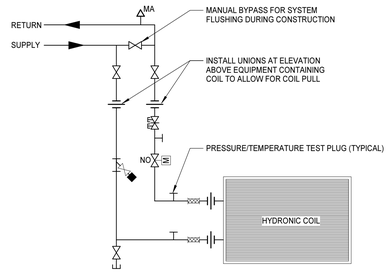
M3.1

3/1/2024 9:37:57 AM



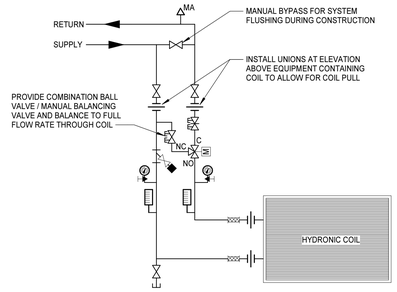
HYDRONIC COIL PIPING DIAGRAM - TERMINAL EQUIPMENT - 3-WAY VALVE

NO SCALE



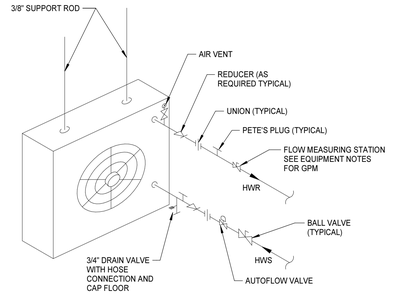
HYDRONIC COIL PIPING DIAGRAM - TERMINAL EQUIPMENT - 2-WAY VALVE

NO SCALE



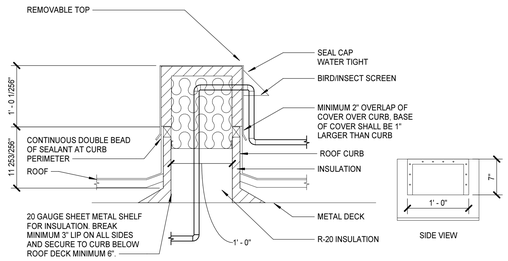
HYDRONIC COIL PIPING DIAGRAM - RTU

NO SCALE



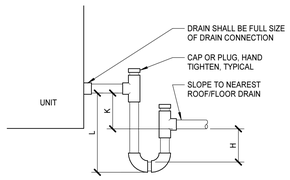
HORIZONTAL UNIT HEATER PIPING DIAGRAM

NO SCALE



PIPE PENETRATION THROUGH ROOF DETAIL

NO SCALE



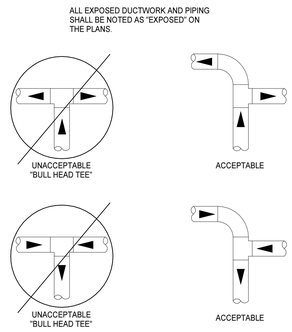
K = 1" FOR EACH 1" OF MAXIMUM NEGATIVE STATIC PRESSURE + 1"
H = 1/2K
L = H + K + PIPE DIAMETER + INSULATION

NOTES:

1. LOCATE TRAP AS CLOSE AS POSSIBLE TO UNIT OUTLET WITH BOTTOM BELOW SUPPORT STRUCTURE.
2. COORDINATE MOUNTING/CURB HEIGHT AS REQUIRED TO PROVIDE PROPER CONDENSATE DRAINAGE/TRAP HEIGHT.
3. NOTIFY ARCHITECT BEFORE FABRICATION IF PHYSICAL CONDITIONS PREVENT INSTALLATION OF DEPTH INDICATED.

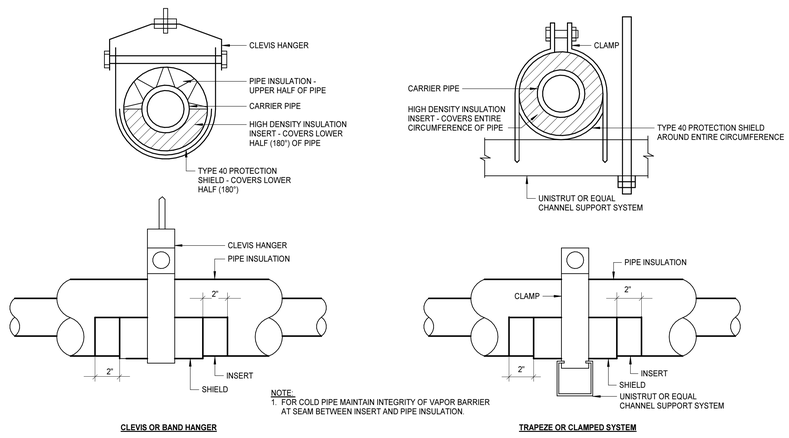
NEGATIVE PRESSURE CONDENSATE DRAIN DETAIL

NO SCALE



PIPE TEE CONFIGURATION DETAIL

NO SCALE



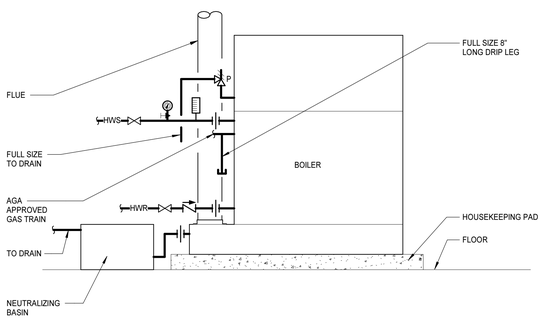
NOTE:
1. FOR COLD PIPE MAINTAIN INTEGRITY OF VAPOR BARRIER AT SEAM BETWEEN INSERT AND PIPE INSULATION.

CLEVIS OR BAND HANGER

TRAPEZE OR CLAMPED SYSTEM

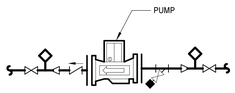
PIPE SUPPORT AND THERMAL SHIELD DETAILS

NO SCALE



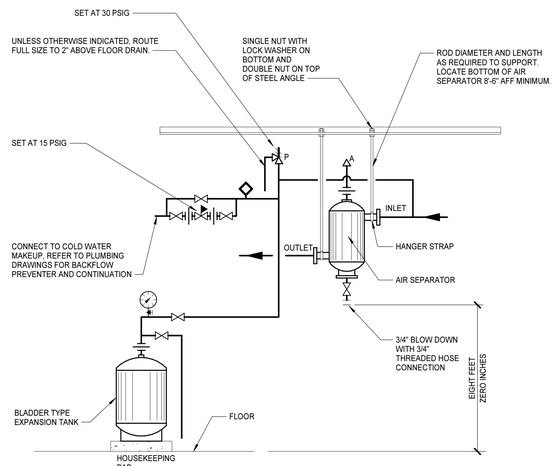
BOILER PIPING DIAGRAM

NO SCALE



IN LINE PUMP INSTALLATION DETAIL

NO SCALE



AIR SEPARATOR AND EXPANSION/COMPRESSION TANK DETAIL

NO SCALE

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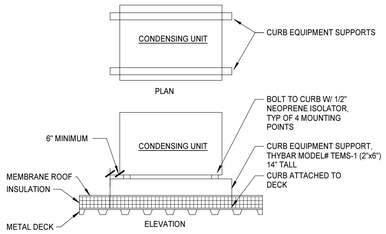
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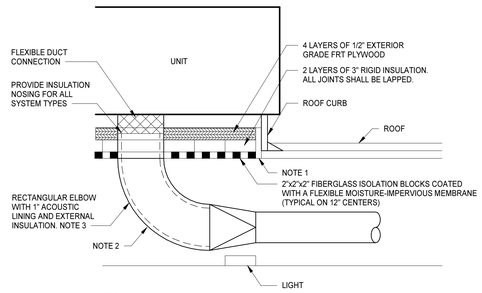
M5.1

3/1/2024 9:37:58 AM



CONDENSING UNIT MOUNTING DETAIL

NO SCALE

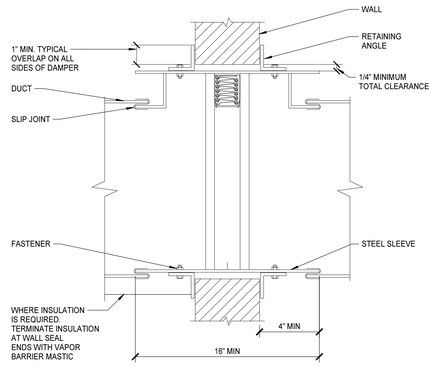


NOTES:

1. PERIMETER ISOLATION SHALL BE 3" RIGID INSULATION TURNED HORIZONTALLY. THIS SHALL BE LOCATED ON ALL INTERIOR SURFACES (CURB WALLS, DUCT SIDES, PIPING, ETC.) SO THAT PLYWOOD DOES NOT CONTACT ANY SURFACE OTHER THAN PERIMETER RAIL. PLYWOOD SHALL BE FITTED FIRMLY AGAINST PERIMETER RAIL. ANY GAPS SHALL BE CAULKED WITH A NON-HARDENING, HEAVY BODIES MATERIAL SUCH AS "SIKA-MI" ARCHITECTURAL JOINT CAULK. MAXIMUM GAP SHALL BE 3/8"
2. 1.5 D RADIUS ELBOW SHOWN. PROVIDE SHORT RADIUS ELBOW WHERE REQUIRED FOR LIMITED CEILING SPACE.
3. ELBOW SHALL BE HEAVY GAUGE WITH 1" ACOUSTIC LINING. MEDIUM PRESSURE VAV SYSTEMS - 12 GAUGE LOW PRESSURE SINGLE ZONE UNITS - 16 GAUGE

RTU SOUND-SENSITIVE DETAIL

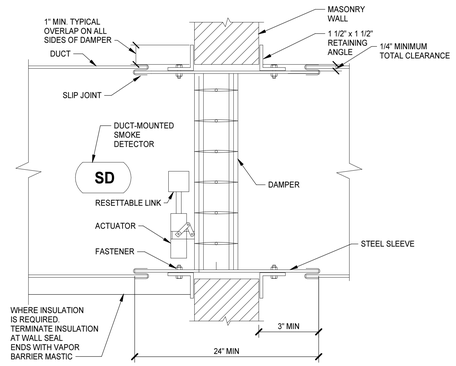
NO SCALE



NOTE: THIS DETAIL IS BASED ON GREENHECK MODEL FD150. ALL FIRE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE MODEL USED.

FIRE DAMPER INSTALLATION DETAIL - TYPE B (VERTICAL)

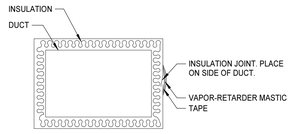
NO SCALE



NOTE: THIS DETAIL IS BASED ON GREENHECK MODEL FSD-331. ALL COMBINATION FIRE-SMOKE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE MODEL USED.

COMBINATION FIRE-SMOKE DAMPER INSTALLATION DETAIL

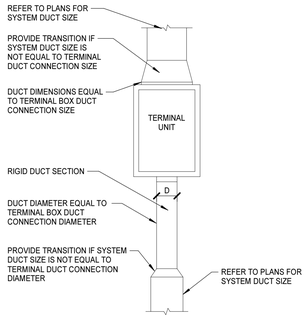
NO SCALE



REFER TO SPECIFICATION SECTION 230700 FOR ADDITIONAL INFORMATION.

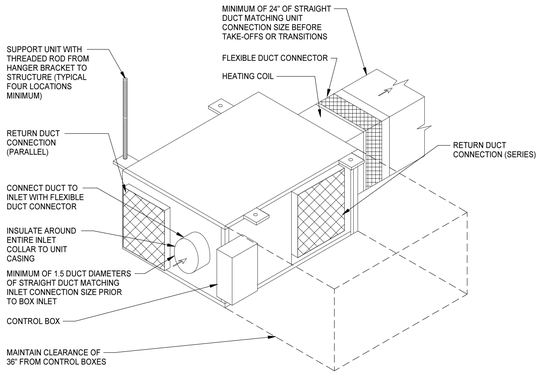
DUCT INSULATION JOINT DETAIL

NO SCALE



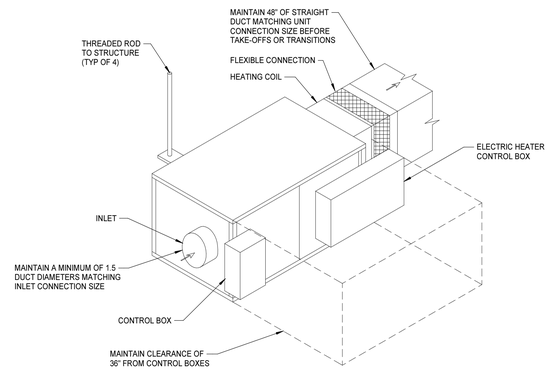
TERMINAL DUCT CONNECTION DETAIL

NO SCALE



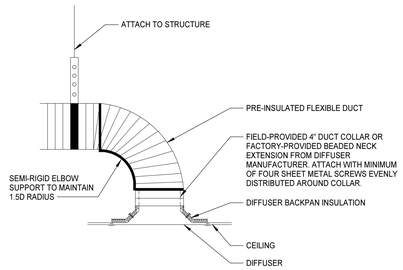
FAN-POWERED VAV TERMINAL UNIT DETAIL

NO SCALE



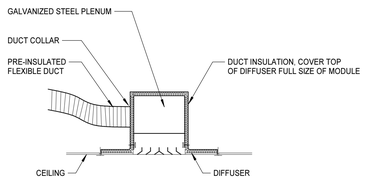
VAV TERMINAL UNIT DETAIL

NO SCALE



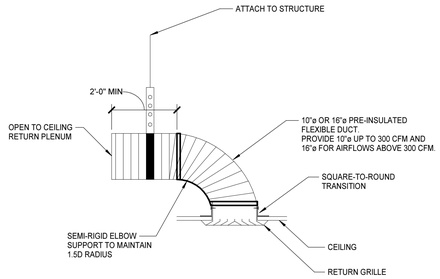
FLEXIBLE DUCT TO DIFFUSER CONNECTION DETAIL

NO SCALE



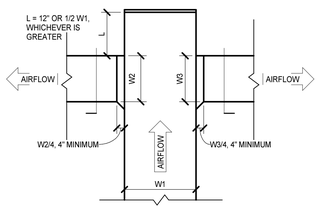
SUPPLY DIFFUSER CONNECTION

NO SCALE



RETURN AIR BOOT DETAIL

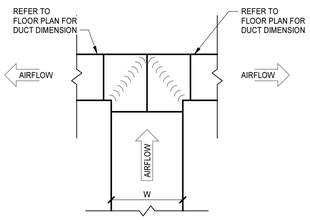
NO SCALE



NOTE:
1. REFER TO *BRANCH CONNECTION TO DIFFUSER DETAILS* FOR BRANCH TAKE-OFF REQUIREMENTS.

END OF DUCT MAIN DETAIL

NO SCALE

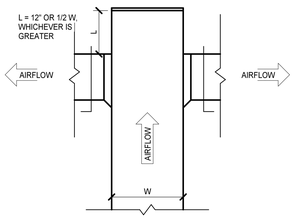


NOTES:

1. APPLIES WHERE "W" EXCEEDS 24" OR WHEN AIRFLOW EXCEEDS 1,500 CFM.

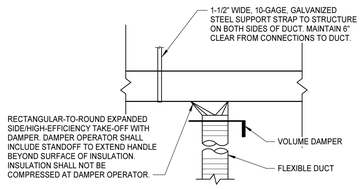
DIVIDED FLOW BRANCH DETAILS

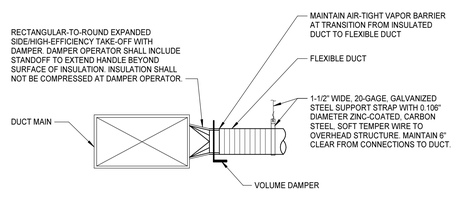
NO SCALE



NOTES:

1. REFER TO *BRANCH CONNECTION TO DIFFUSER DETAILS* FOR BRANCH TAKE-OFF REQUIREMENTS.
2. APPLIES TO:
   A. WHERE "W" IS LESS THAN 24"
   B. ROUND DUCT BRANCHES TO DIFFUSERS
   C. WHEN AIRFLOW IS EQUAL TO OR LESS THAN 1,500 CFM.





NOTES:
1. FLEXIBLE DUCT SHALL BE INSTALLED OVER METAL DUCT (BEAD/LIP ON METAL DUCT) AND ANCHORED WITH NYLON MECHANICAL BANDS OR PANDUIT STRAP.
2. IN EXPOSED AREAS, PROVIDE RIGID GALVANIZED STEEL BRANCH DUCT TO DIFFUSERS IN LIEU OF FLEXIBLE DUCT UNLESS INDICATED OTHERWISE. SUPPORT IN ACCORDANCE WITH REQUIREMENTS SPECIFIED FOR METAL DUCTS.

BRANCH CONNECTION TO DIFFUSER DETAILS

NO SCALE

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DATE	DESCRIPTION

DETAILS

M5.2

3/1/2024 9:37:59 AM

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-9690
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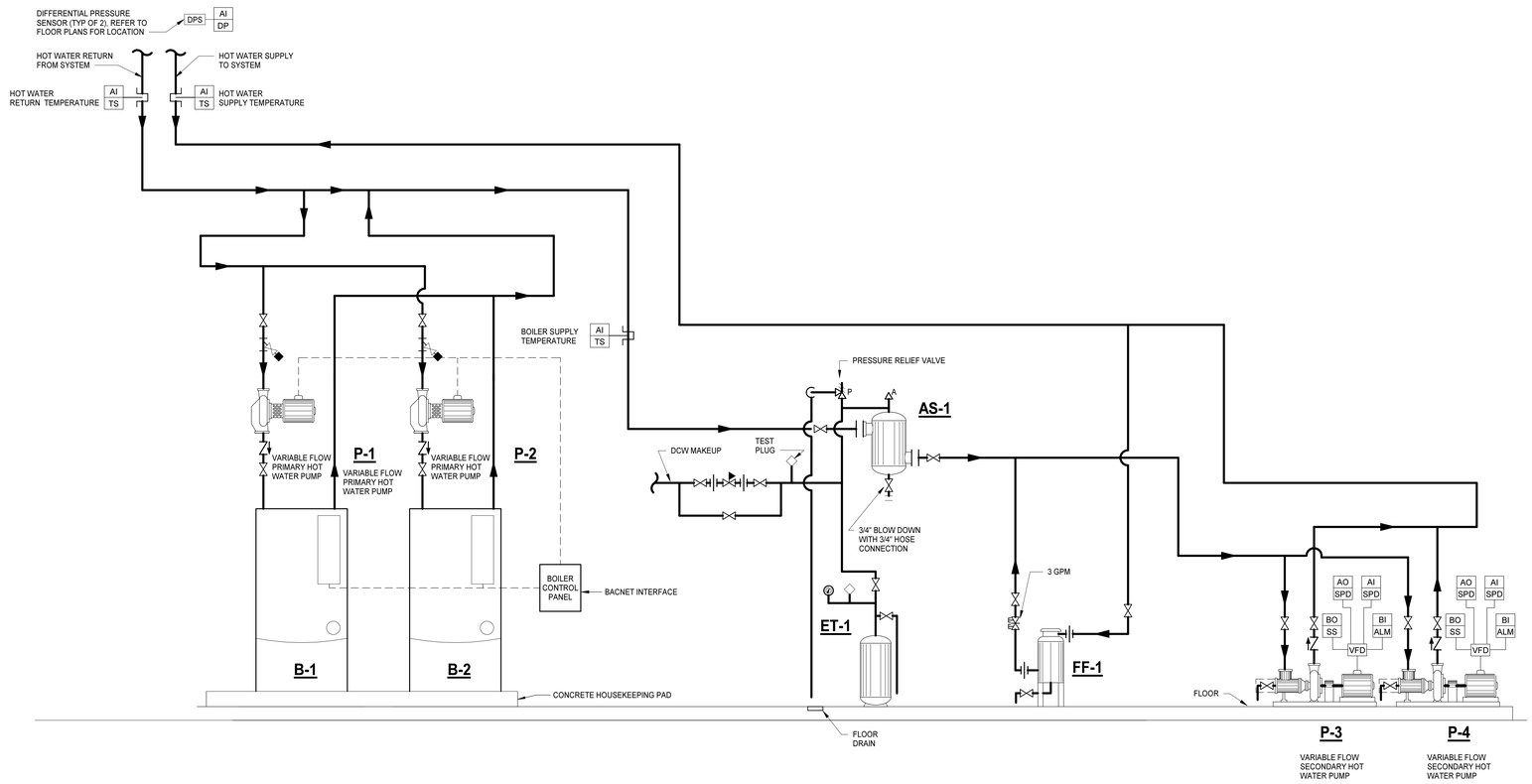
COMMONWEALTH OF VIRGINIA
DAVID T. WHATELY
Lic. No. 052209
3/1/2024
PROFESSIONAL ENGINEER

STAUNTON J&DR COURTS FACILITY

City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION



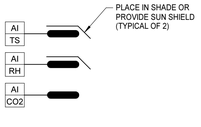
HOT WATER SYSTEM SCHEMATIC

NO SCALE

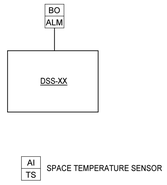
HOT WATER SYSTEM SCHEMATIC

M6.1

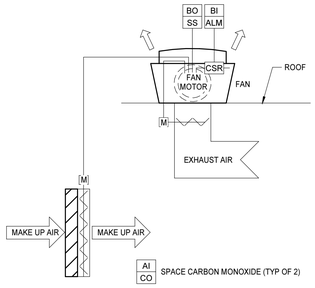
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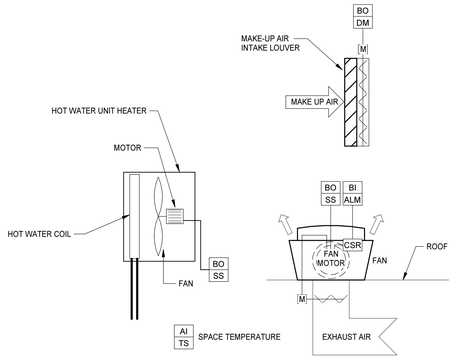
OUTDOOR AIR SENSORS
NO SCALE



SPLIT SYSTEM UNIT
NO SCALE



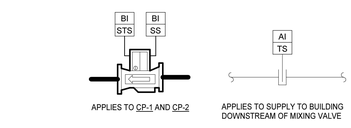
ROOF TOP EXHAUST FAN FOR VEHICLE SALLYPORT
NO SCALE



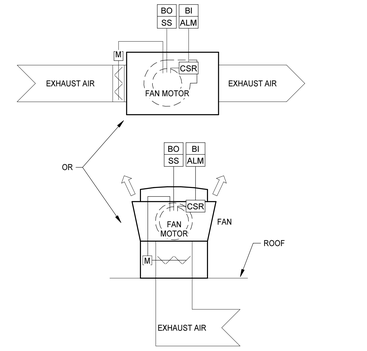
EXHAUST FAN - MECHANICAL ROOM
NO SCALE



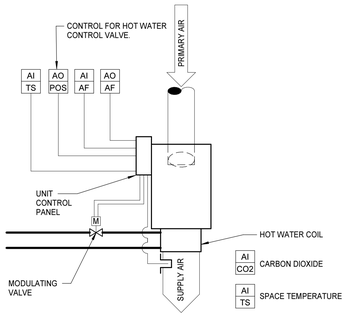
ELEVATOR SUMP PUMP
NO SCALE



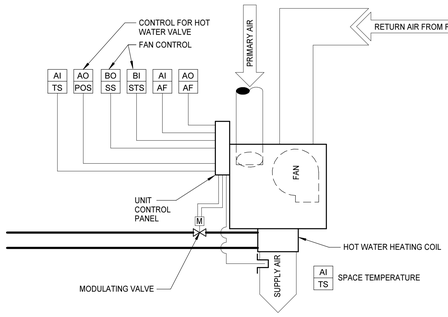
DOMESTIC WATER PUMP AND TEMPERATURE MONITORING
NO SCALE



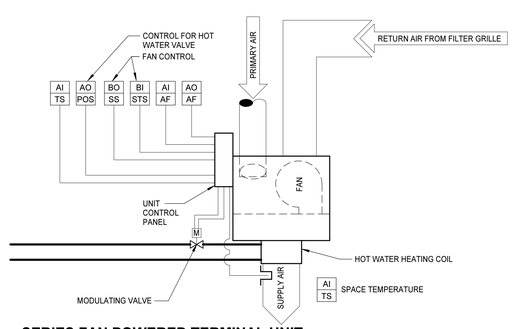
EXHAUST FAN - CONTROLLED BY BAS SCHEDULE
NO SCALE



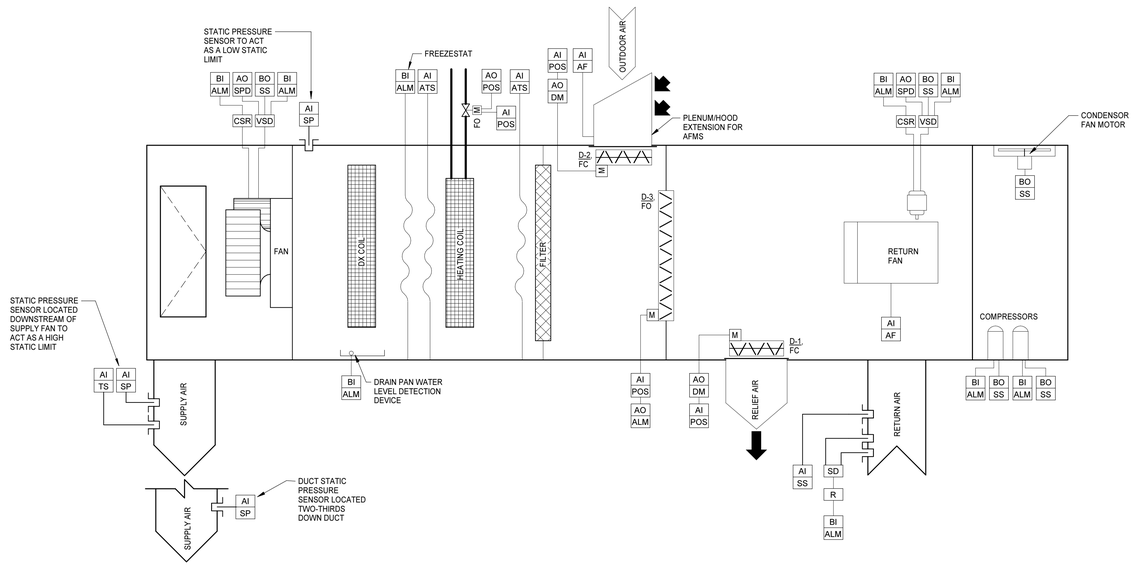
TERMINAL UNIT WITH MODULATING CONTROL OF HOT WATER HEAT
NO SCALE



PARALLEL FAN POWERED TERMINAL UNIT WITH MODULATING HOT WATER HEATING COIL
NO SCALE



SERIES FAN POWERED TERMINAL UNIT WITH MODULATING HOT WATER HEATING COIL
NO SCALE



VAV AHU SERVING TERMINAL UNITS - RTU-1 & 2
NO SCALE

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City of Staunton
2040 West Beverley Street, Staunton, VA 24401

PROJECT NO: 630874
DATE: MARCH 1, 2024

REVISIONS	
DATE	DESCRIPTION

CONTROL DIAGRAMS

M7.1

3/1/2024 9:38:01 AM

DRAWING LIST:

NUMBER	NAME
TA0.0	AUDIOVISUAL SYMBOLS, ABBREVIATIONS & NOTES
TA1.1	AUDIOVISUAL FIRST FLOOR PLAN
TA1.2	AUDIOVISUAL SECOND FLOOR PLAN
TA2.1	AUDIOVISUAL FIRST REFLECTIVE CEILING PLAN
TA2.2	AUDIOVISUAL SECOND REFLECTIVE CEILING PLAN
TA3.1	AUDIOVISUAL ENLARGED PLAN

GENERAL NOTES:

1. POWER AND DATA REQUIREMENTS SHOWN FOR REFERENCE ONLY AND ARE NOT FOR CONSTRUCTION. COORDINATE WITH ELECTRICAL ENGINEER, ARCHITECT AND TELECOM DESIGNER DRAWINGS FOR LOCATION OF ALL OUTLETS IN THIS DRAWING SET.
2. WHERE POWER CIRCUITS ARE SHOWN TERMINATING IN JUNCTION BOXES WITHOUT RECEPTACLES, THE WIRES SHALL BE TAPED AND THE BOXES COVERED. THESE CIRCUITS WILL BE CONNECTED BY OTHERS DURING INSTALLATION OF THE AV SYSTEMS EQUIPMENT.
3. EMPTY CONDUIT RUNS ON THESE DRAWINGS SHOW ONLY INTERCONNECTION BETWEEN TERMINATION POINTS. THE EXACT PATH OF CONDUIT IS TO BE DETERMINED BY THE COORDINATE PATHWAYS FOR ALL AV RELATED DEVICES WITH ARCHITECTURAL AND ELECTRICAL PLANS.
4. HIGH LEVEL/HIGH CURRENT FEEDS (SUCH AS FOR POWER DISTRIBUTION PANELS, LIGHTING, AND BRANCH CIRCUITS,) ARE NOT TO BE RUN PARALLEL WITH AUDIO/VIDEO CONDUITS OR CABLING. IF HIGH LEVEL/HIGH CURRENT FEEDS MUST RUN PARALLEL TO AUDIO/VIDEO CONDUITS OR CABLING, MINIMUM SEPARATION MUST BE MAINTAINED ACCORDING TO THE FOLLOWING TABLE. "NA" INDICATES THAT THE USE SHOULD BE AVOIDED. SPACINGS ASSUME THAT POWER CONDUCTORS WILL NOT BE TWISTED PAIRS. CLOSER SPACINGS CAN BE USED IF POWER CONDUCTORS ARE TWISTED PAIRS.

MINIMUM ACCEPTABLE DISTANCE BETWEEN PARALLEL AV AND POWER CONDUITS

AV CONDUIT	POWER CONDUIT	COMBINED AMPACITY OF ALL PHASE CONDUCTORS IN POWER CONDUIT				
		UNDER 60A	60A	120A	240A	400A
EMT	EMT	2 FT.	3 FT.	4 FT.	NA	NA
EMT	RIGID STEEL	4 IN.	8 IN.	1 FT.	2 FT.	4 FT.
RIGID STEEL	RIGID STEEL	1 IN.	2 IN.	4 IN.	8 IN.	16 IN.

5. NO LARGE POWER TRANSFORMERS OR MOTORS SHOULD BE LOCATED WITHIN 50 FEET OF AV EQUIPMENT SPACES.
6. ALL AV CABLING THAT IS RUN OPEN-WIRE SHALL BE SUPPORTED FROM J-HOOKS NO GREATER THAN 3 FEET APART. NO CABLE IS TO BE UNSUPPORTED OR LAID OVER CEILING TILES, BLACK IRON, OR OTHER CEILING MEMBERS.
7. THE METHOD OF INSTALLATION OF BOXES IN WALLS, AND THE METHOD OF PASSAGE OF CONDUITS AND WIREWAYS THROUGH ACOUSTICALLY SENSITIVE WALLS SHALL BE COORDINATED WITH THE ACOUSTICAL CONSULTANT.
8. INSTALL FIRESTOP TO ALL SLAB AND WALL PENETRATIONS PROVIDED FOR THE INSTALLATION OF CABLE AND CONDUIT AS REQUIRED TO MAINTAIN FIRE RATING OF SLAB OR WALL. REVIEW ARCHITECT'S PLANS FOR PARTITION TYPES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FIRE RATING OF ALL WALLS AND FLOORS HAVING CABLING PENETRATIONS, COORDINATE SEALANT INSTALLATION WITH WORK OF OTHER TRADES. REFER TO ELECTRICAL SPECIFICATIONS FOR MATERIAL AND INSTALLATION PARAMETERS.
9. ALL POWER, WIREWAYS, AND JUNCTION BOXES ARE TO BE REVIEWED BY ELECTRICAL ENGINEER FOR CODE AND SAFETY COMPLIANCE.
10. ALL OVERHEAD RIGGING REQUIREMENTS ARE TO BE REVIEWED AND STAMPED FOR APPROVAL BY LICENSED STRUCTURAL ENGINEER FOR CODE AND SAFETY COMPLIANCE.
11. POWER BREAKER AND DISTRIBUTION PANELS ARE SIZED AND SPECIFIED BY THE ELECTRICAL ENGINEER.
12. ALL CABLE TRAY THAT IS SURFACE-MOUNTED ON SLAB BELOW RAISED FLOOR OR ABOVE EQUIPMENT RACKS SHALL BE SECURELY FASTENED AND LEFT OPEN FOR CABLE ACCESS.
13. POWER FOR AV AND RELATED SYSTEMS SHALL USE AN EIA/TIA 607 COMPLIANT GROUNDING SYSTEM, DESIGNED BY THE ELECTRICAL ENGINEER. REFER TO AV DETAIL SHEETS FOR ADDITIONAL GROUNDING REQUIREMENTS IF APPLICABLE.
14. ALL AV-RELATED EMPTY CONDUIT SHALL BE REAMED, CLEANED, CAPPED (WHERE APPROPRIATE), TAGGED, AND FURNISHED WITH PULL WIRES.
15. WHERE EXACT DIMENSIONS ARE NOT INDICATED, THE SCALE OF THIS DRAWING IS NOT SUFFICIENTLY ACCURATE FOR DETERMINING THE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLET BOXES, WIREWAYS, PANELS, ETC. WHERE EXACT DIMENSIONS ARE INDICATED, THE REFERENCE SURFACE SHALL BE THE FINAL FINISHED SURFACE INCLUDING ANY ACOUSTICAL TREATMENT. ROOM DIMENSIONS ON THE DRAWINGS HAVE BEEN TAKEN FROM PRELIMINARY ARCHITECTURAL DRAWINGS. ALL DIMENSIONS MUST BE VERIFIED AND ANY DEVIATIONS CAUSING CHANGES MUST BE COORDINATED WITH SHEN MILSOM & WILKE, LLC.
16. NOTIFY OWNER'S REPRESENTATIVES OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE AV DRAWINGS. OBTAIN CLARIFICATION BEFORE PROCEEDING WITH WORK.
17. ALL AV DEVICES SHALL BE SECURELY MOUNTED PLUMB AND STRAIGHT TO WALLS, FLOORS, OR RACKS PER THE MANUFACTURER'S RECOMMENDED MOUNTING PRACTICE.
18. THERE SHALL BE A MINIMUM OF ONE PULL BOX FOR EVERY 100' OF STRAIGHT EMPTY AV-RELATED CONDUIT AND ONE PULL BOX WHERE THERE ARE MORE THAN TWO 90° BENDS OR LESSER BENDS TOTALING 180° IN A CONDUIT RUN.
19. MAINTAIN MINIMUM BEND RADIUS OF 10X OD FOR ALL AV-RELATED CONDUITS.
20. LIGHTING DESIGNER TO PROVIDE LIGHTING ON A SEPARATE DIMMING ZONE AT THE SCREEN/DISPLAY DEVICE TO ENSURE GOOD CONTRAST AND IMAGE SHARPNESS.
21. AV CONTRACTOR SHALL RESTORE CEILINGS, WALLS AND ANY OTHER SURFACES AFFECTED BY THEIR WORK PRIOR TO COMPLETION OF WORK WITH LIKE MATERIALS TO MATCH EXISTING CONSTRUCTION.
22. REFER TO AV ELECTRICAL PLANS AND/OR RISER DIAGRAMS FOR EMPTY CONDUIT SIZING.
23. ALL POWER CIRCUITS INDICATED IN THIS DRAWING SET TO BE PROVIDED BY DEDICATED BREAKER PANEL(S). NO NON-AV CIRCUITS TO BE FED FROM DEDICATED AV BREAKER PANEL(S).
24. POWER FOR ALL AV SERVICES IN EACH DESIGNATED SPACE SHALL BE ON THE SAME ELECTRICAL PHASE, AND THIS PHASE SHALL NOT INCLUDE MOTORS, APPLIANCES, OR ANY OTHER SOURCE THAT CAN CAUSE SIGNAL INTERFERENCE.
25. GROUNDING: GROUND COMMUNICATIONS SYSTEMS AND EQUIPMENT IN ACCORDANCE WITH ANSI/TIA/EIA-807 GROUNDING STANDARDS AND APPLICABLE NEC REQUIREMENTS EXCEPT WHERE DRAWINGS OR SPECIFICATIONS EXCEED NEC REQUIREMENTS. ALL RACKS, METALLIC BACKBOARDS, CABLE SHEATHS, CABLE TRAYS, ETC. ENTERING OR RESIDING IN TECHNICAL EQUIPMENT SPACES SHALL BE GROUNDED TO THEIR RESPECTIVE GROUND SYSTEM USING A MINIMUM OF #6 AWG STRANDED COPPER BONDING CONDUCTOR AND COMPRESSOR CONNECTORS. ALL WIRES USED FOR TECHNICAL POWER SYSTEMS GROUNDING PURPOSES SHALL BE IDENTIFIED WITH GREEN INSULATION OR IDENTIFIED AT EACH TERMINATION POINT WITH A WRAP OF GREEN TAPE. ALL CABLES AND BUS BARS SHALL BE IDENTIFIED AND LABELED "TECHNICAL POWER SYSTEM GROUND". CONDUIT STUBS: PROVIDE NYLON BUSHING ON ALL CONDUIT STUBS AND NON-TERMINATING CONDUIT ENDS TO PROTECT WIRE PULLS.
26. JUNCTION BOX COVERS: UNLESS OTHERWISE NOTED, ALL JUNCTION BOXES MUST BE PROVIDED WITH A COVER. WHERE RAISED DEVICE COVERS ARE SPECIFIED, MATCH COVER DEPTH TO WALL THICKNESS. WHERE JUNCTION BOXES ARE MOUNTED AT OR ABOVE FINISHED CEILING HEIGHT, INSTALL JUNCTION BOXES WITH OPEN SIDE FACING DOWN.
27. POWER RECEPTACLES: TECHNICAL POWER RECEPTACLES, INCLUDING THOSE WITHIN FLOOR BOXES, WALL BOXES, OR CEILING BOXES, SHALL BE PROVIDED BY THE BUILDING CONTRACTOR AND APPEAR ON THE ELECTRICAL DRAWINGS. TECHNICAL POWER RECEPTACLES IN RELATION TO TECHNOLOGY INFRASTRUCTURE IS CRITICAL. REFER TO THE ELECTRICAL DRAWINGS FOR COMPLETE POWER LAYOUTS AND CIRCUITING DETAILS.
28. NETWORK OUTLETS FOR AUDIOVISUAL SYSTEMS: ALL NETWORK OUTLETS SHALL APPEAR ON THE NETWORK DRAWINGS. NETWORK SERVICES APPEARING ON THE AUDIOVISUAL DRAWINGS ARE REPRESENTATIVE OF NETWORK CONNECTIVITY REQUIREMENTS IN SUPPORT OF AUDIOVISUAL SYSTEMS, AS THE LOCATION OF NETWORK SERVICES IN RELATION TO TECHNOLOGY INFRASTRUCTURE IS CRITICAL. REFER TO THE STRUCTURED CABLING SYSTEM SPECIFICATIONS AND DRAWINGS FOR ADDITIONAL INFORMATION.

ROOM READY REQUIREMENTS:

PLEASE FIND THE BELOW GUIDE TO REVIEW THE CONDITION OF THE AV CONFERENCE ROOMS PRIOR TO DELIVERY AND INSTALLATION OF THE MULTIMEDIA SYSTEMS. THE MULTIMEDIA SYSTEMS ARE DELIVERED AFTER THE ROOMS ARE 'READY' TO ENSURE A PROPER AND SECURE INSTALLATION OF THE MULTIMEDIA EQUIPMENT.

NOTE: PROJECT SPECIFIC 'ROOM READY' IS A MINIMUM OF 4-6 WEEKS PRIOR TO EXPECTED SYSTEM OPERATION DATES.

1. ALL CONSTRUCTION IN THE CONFERENCE ROOM IS COMPLETE, INCLUDING:
   - A. ALL ASSOCIATED ROOMS ARE FREE OF DEBRIS AND IS CLEAN
   - B. ALL WALLS ARE COMPLETE WITH ANY BLOCKING, FABRIC WALL COVERINGS OR PAINT AS REQUIRED
   - C. CEILINGS ARE COMPLETE AND CLOSED
   - D. FLOOR FINISHES/CARPET IS INSTALLED
   - E. ALL DOORS ARE INSTALLED AND KEYS/LOCKS PROVIDED
   - F. ALL LIGHTING IS INSTALLED AND PROGRAMMED, IF CONTROLLABLE
2. ALL ELECTRICAL WORK RELATED TO THE AV SYSTEM IS COMPLETE, INCLUDING:
   - A. INSTALLATION OF ALL CONDUIT, FLOOR BOXES, PULL BOXES, WIRE WAYS, ETC.
   - B. INSTALLATION OF ALL 120V CIRCUITS IS COMPLETE
   - C. INSTALLATION OF ALL TABLE AND FURNITURE RELATED POWER AND PULL BOXES ARE COMPLETE
3. ALL WINDOW TREATMENTS ARE INSTALLED AND PROGRAMMED, IF CONTROLLABLE
4. ALL PHONE, BRI, LAN CONNECTIONS ARE LIVE AND CHANNEL TESTED
   - A. ALL CABLES AND BOXES MUST BE LABELED AND MATCH MULTIMEDIA TELECOM SHEET
   - B. ALL LAN CONNECTIONS MUST BE TESTED AND CONFIGURED PER THE MULTIMEDIA TELECOM SHEET
5. THE CONFERENCE ROOM TABLE AND CREDENZA ARE INSTALLED AND CUTOUTS FOR VENTILATION CONFIRMED

SCOPE OF WORK BETWEEN TRADES:

REFER TO AV DETAIL SHEETS FOR ADDITIONAL SCOPE DELINEATION AND INFORMATION

DEFINITION OF TERMS:

FURNISH
- TO PURCHASE AND DELIVER TO THE PROJECT SITE COMPLETE WITH EVERY NECESSARY APPURTENANCE AND SUPPORT. PURCHASING SHALL INCLUDE PAYMENT OF ALL SALES TAXES AND OTHER SURCHARGES AS MAY BE REQUIRED TO ASSURE THAT PURCHASED ITEMS ARE FREE OF ALL LIENS. CLAIMS, OR ENCUMBRANCES.

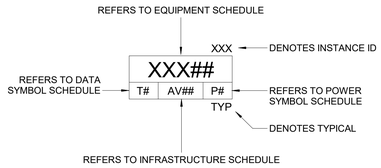
INSTALL
- TO UNLOAD AT THE DELIVERY POINT AT THE SITE AND PERFORM EVERY OPERATION NECESSARY TO ESTABLISH SECURE MOUNTING AND CORRECT OPERATION AT THE PROPER LOCATION IN THE PROJECT, ALL AS PART OF THE WORK.

LEGEND FOR SCOPE OF WORK BETWEEN TRADES:

GC GENERAL CONTRACTOR
EC ELECTRICAL CONTRACTOR
AV AUDIOVISUAL CONTRACTOR
O OWNER
ST STRUCTURED CABLING, OR TELECOMMUNICATIONS CONTRACTOR

SCOPE OF WORK	FURNISH	INSTALL
IN-WALL BLOCKING SUPPORT FOR AV MOUNTS	GC	GC
MOTORIZED PROJECTION SCREENS	GC	GC
PROJECTION GLASS	GC	GC
WALL AND CEILING SPEAKER CUTOUTS		
FURNITURE CUTOUTS FOR AV EQUIPMENT (UNLESS PROVIDED BY FURNITURE PROVIDER)		
MOTORIZED PROJECTION LIFTS	AV	GC
STRUT CHANNEL AND/OR BLACK IRON AS REQUIRED FOR CEILING MOUNTED AV DEVICES	GC	GC
CABLE CONTAINMENT INCLUDING:	EC	EC
- CONDUIT WITH MEASURED PULLSTRINGS	EC	EC
- CABLETRAY, LADDERTRAY, AND WIREWAYS	EC	EC
- FLOORBOXES	EC	EC
- JUNCTION BOXES, PULL BOXES, AND BACKBOXES	EC	EC
POWER OUTLETS	EC	EC
DEDICATED DISTRIBUTION PANELS, LOAD CENTERS, AND POWER ISOLATION TRANSFORMERS	EC	EC
AV CABLING (LOW VOLTAGE)	AV	AV
AV TERMINATIONS	AV	AV
CUSTOM ENGRAVED AV COVER PLATES	AV	AV
J-HOOKS AND OTHER SUPPORTS REQUIRED FOR OPEN-RUN AV CABLING	AV	AV
AV DEVICE WALL MOUNTS	AV	AV
AV DEVICES (AS DESCRIBED IN THE AV BID DOCS)	AV	AV
VOICE/DATA NETWORK CABLING (FIBER AND TWISTED PAIR)	ST	ST
VOICE/DATA COVER PLATES	ST	ST
CATV CABLING	ST	ST
LIGHTING & SHADE CONTROL INTERFACE	EC	EC

SYMBOL LEGEND:



ABBREVIATIONS:

A	AMPERES
AC	ABOVE COUNTER
AFC	AT FINISHED CEILING
AFF	ABOVE FINISHED FLOOR
AFP	ABOVE FINISHED PLATFORM OR RAISED FLOOR
AS	ABOVE SLAB
ATS	ABOVE TABLE SURFACE
AV	AUDIOVISUAL
AWG	AMERICAN WIRE GAGE
C	CONDUIT
CAT-3	TIA/EIA CATEGORY 3 RATED
CAT-5E	TIA/EIA CATEGORY 5E RATED
CAT-6A	TIA/EIA CATEGORY 6A RATED
CAT-6E	TIA/EIA CATEGORY 6E RATED
CB	CEILING BOX
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
COAX	COAXIAL CABLE
CL	CENTER LINE
COND	CONDUCTOR
CLG	CEILING
CP	CONSOLIDATION POINT
CU	COPPER
DVR	DIGITAL VIDEO RECORDER
DWG	DRAWING
EC	CONDUCTOR
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING (W/ PULL STRING
EC	EMPTY CONDUIT
EX	EXISTING
F/UTP	FOILED/UNSHIELDED TWISTED PAIR
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FB	FLOOR BOX
FO	FIBER OPTIC
FP	FLAT PANEL
GND	GROUND
HC	HUNG CEILING
HZ	HERTZ
ID	INSIDE DIAMETER
IDF	INTERMEDIATE DISTRIBUTION FRAME
LAN	LOCAL AREA NETWORK
LV	LOW VOLTAGE
MAX	MAXIMUM
MER	MECHANICAL EQUIPMENT ROOM
MC	MAIN CROSS CONNECT
MIC	MICROPHONE
MDF	MAIN DISTRIBUTION FRAME
MH	MANHOLE
MIN	MINIMUM
MM	MULTIMODE
MTD	MOUNTED
MTER	MAIN TELECOMMUNICATIONS EQUIPMENT ROOM
N	NEUTRAL
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NID	NETWORK INTERFACE DEVICE
NTS	NOT TO SCALE
NO	NORMALLY OPEN
NO.	NUMBER
OD	OUTSIDE DIAMETER
OFE	OWNER FURNISHED EQUIPMENT
OSP	OUTSIDE PLANT
PA	PUBLIC ADDRESS
PP	PATCH PANEL
PB	PULLBOX
PR	PAIR
PBX	PRIVATE BRANCH EXCHANGE
PNL	PANEL
POE	POWER OVER ETHERNET
PRJ	PROJECTOR
PTZ	PAN/TILT/ZOOM
RM	ROOM
RW	RACEWAY
SC	SCREW COVER BOX
SB	SPEAKER BACK BOX
SM	SINGLE MODE
SP	SPEAKER
ST	STRAND
STP	SHIELDED TWISTED PAIR
TBD	TO BE DETERMINED
TEMP	TEMPORARY
TGB	TELECOMMUNICATIONS GROUND BAR
TR	TELECOMMUNICATIONS ROOM
TS	TAMPER SWITCH
TSER	TELECOMMUNICATIONS SERVICE ENTRANCE ROOM
TV	TELEVISION
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
VA	VOLT/AMPERES
VIF	VERIFY IN FIELD
VM	VOLTMETER
VOIP	VOICE OVER INTERNET PROTOCOL
VP	VAPOR PROOF
W	WATTS
WAN	WIDE AREA NETWORK
WAP	WIRELESS ACCESS POINT
WM	WIRE MANAGEMENT
WP	WATERPROOF
WS	WORKSTATION
WT	WATER TIGHT
WW	WIREWAY
XFRM	TRANSFORMER

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STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: March 1, 2024

REVISIONS

DATE	DESCRIPTION
02/20/2024	FOR BID

AUDIOVISUAL SYMBOLS, ABBREVIATIONS & NOTES

TA0.0

2/29/2024 11:11:27 AM

AUDIOVISUAL EQUIPMENT SCHEDULE	
DEVICE ID	TYPE
ALS-1	ASSISTED LISTENING TRANSMITTER
AVR-1	AV EQUIPMENT RACK
CAM-1	PTZ CAMERA - WALL MOUNTED
CP-1	CONTROL PANEL - WALL MOUNTED
CP-2	CONTROL PANEL - TABLE TOP
FB-1	AV FLOOR BOX
FPD-2	24" FLAT PANEL DISPLAY
FPD-3	65" FLAT PANEL DISPLAY
HDMI	HMDI INPUT PLATE
MIC-1	MICROPHONE - TABLE TOP GOOSENECK
MIC-2	MICROPHONE-CEILING TILE ARRAY
SPK-1	SPEAKER - RECESSED CEILING
VTC-1	ALL IN ONE CAMERA, MICROPHONE, SPEAKER

INFRASTRUCTURE SCHEDULE	
TAG #	TYPE
J1	1-GANG JUNCTION BOX
J2	2-GANG JUNCTION BOX
J4	4-GANG JUNCTION BOX
JSC	SCREW COVER JUNCTION BOX

NETWORK SCHEDULE	
TAG #	TYPE
T2	DUPLEX DATA DROP PROVIDED BY ELECTRICAL, COORDINATE WITH ELECTRICAL COMMUNICATION PLANS

POWER SCHEDULE	
TAG #	TYPE
P2	DUPLEX POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS
P4	QUAD POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS



1 FIRST FLOOR
1/8" = 1'-0"

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STAUNTON J&DR COURTS FACILITY

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CITY OF STAUNTON, VA 24401

PROJECT NO: 830874
DATE: March 1, 2024

REVISIONS	
DATE	DESCRIPTION
02/20/2024	FOR BID

AUDIOVISUAL FIRST FLOOR PLAN

TA1.1

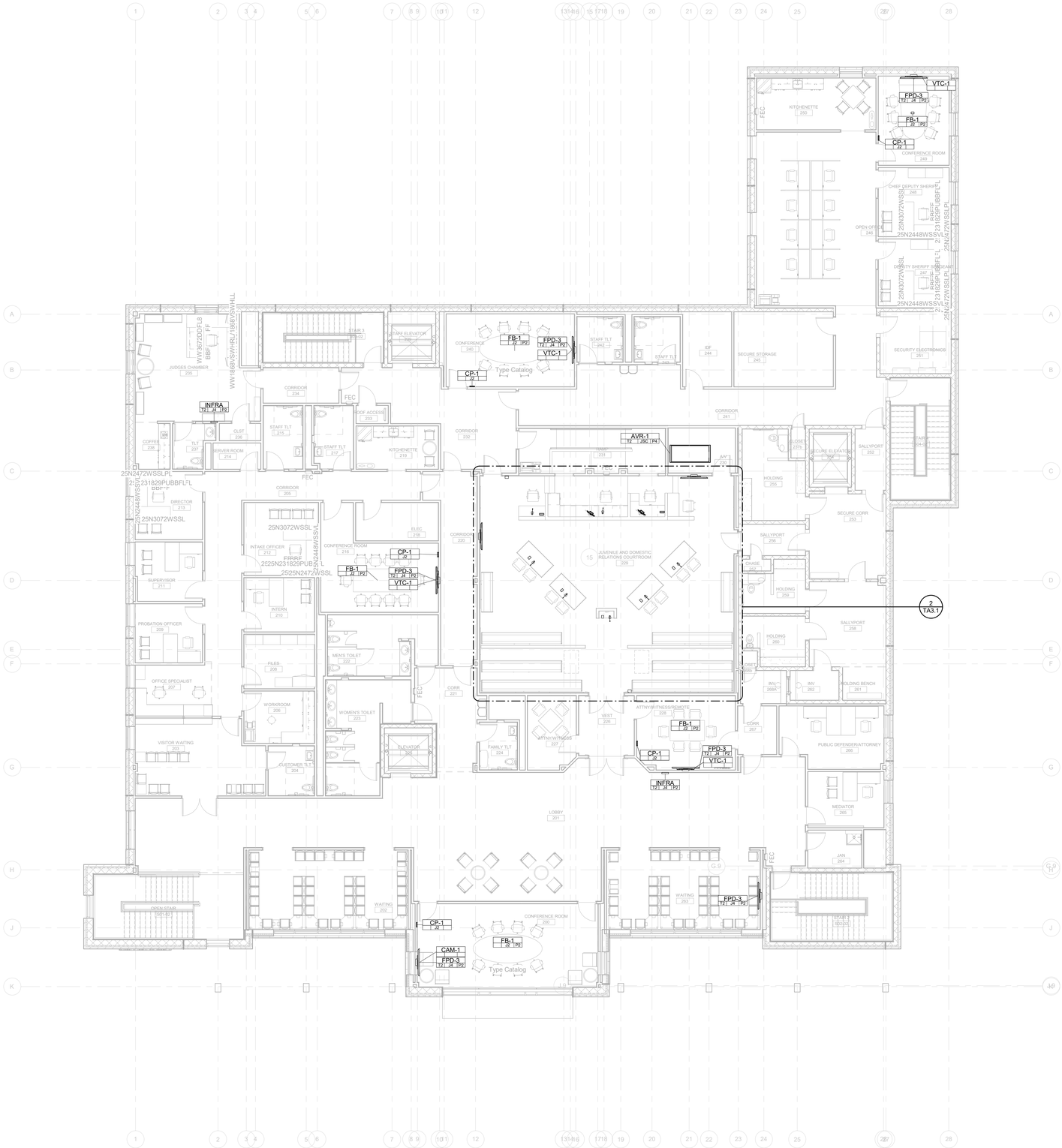
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AUDIOVISUAL EQUIPMENT SCHEDULE	
DEVICE ID	TYPE
ALS-1	ASSISTED LISTENING TRANSMITTER
AVR-1	AV EQUIPMENT RACK
CAM-1	PTZ CAMERA - WALL MOUNTED
CP-1	CONTROL PANEL - WALL MOUNTED
CP-2	CONTROL PANEL - TABLE TOP
FB-1	AV FLOOR BOX
FPD-2	24" FLAT PANEL DISPLAY
FPD-3	65" FLAT PANEL DISPLAY
HDMI	HMDI INPUT PLATE
MIC-1	MICROPHONE - TABLE TOP GOOSENECK
MIC-2	MICROPHONE-CEILING TILE ARRAY
SPK-1	SPEAKER - RECESSED CEILING
VTC-1	ALL IN ONE CAMERA, MICROPHONE, SPEAKER

INFRASTRUCTURE SCHEDULE	
TAG #	TYPE
J1	1-GANG JUNCTION BOX
J2	2-GANG JUNCTION BOX
J4	4-GANG JUNCTION BOX
JSC	SCREW COVER JUNCTION BOX

NETWORK SCHEDULE	
TAG #	TYPE
T2	DUPLEX DATA DROP PROVIDED BY ELECTRICAL, COORDINATE WITH ELECTRICAL COMMUNICATION PLANS

POWER SCHEDULE	
TAG #	TYPE
P2	DUPLEX POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS
P4	QUAD POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS

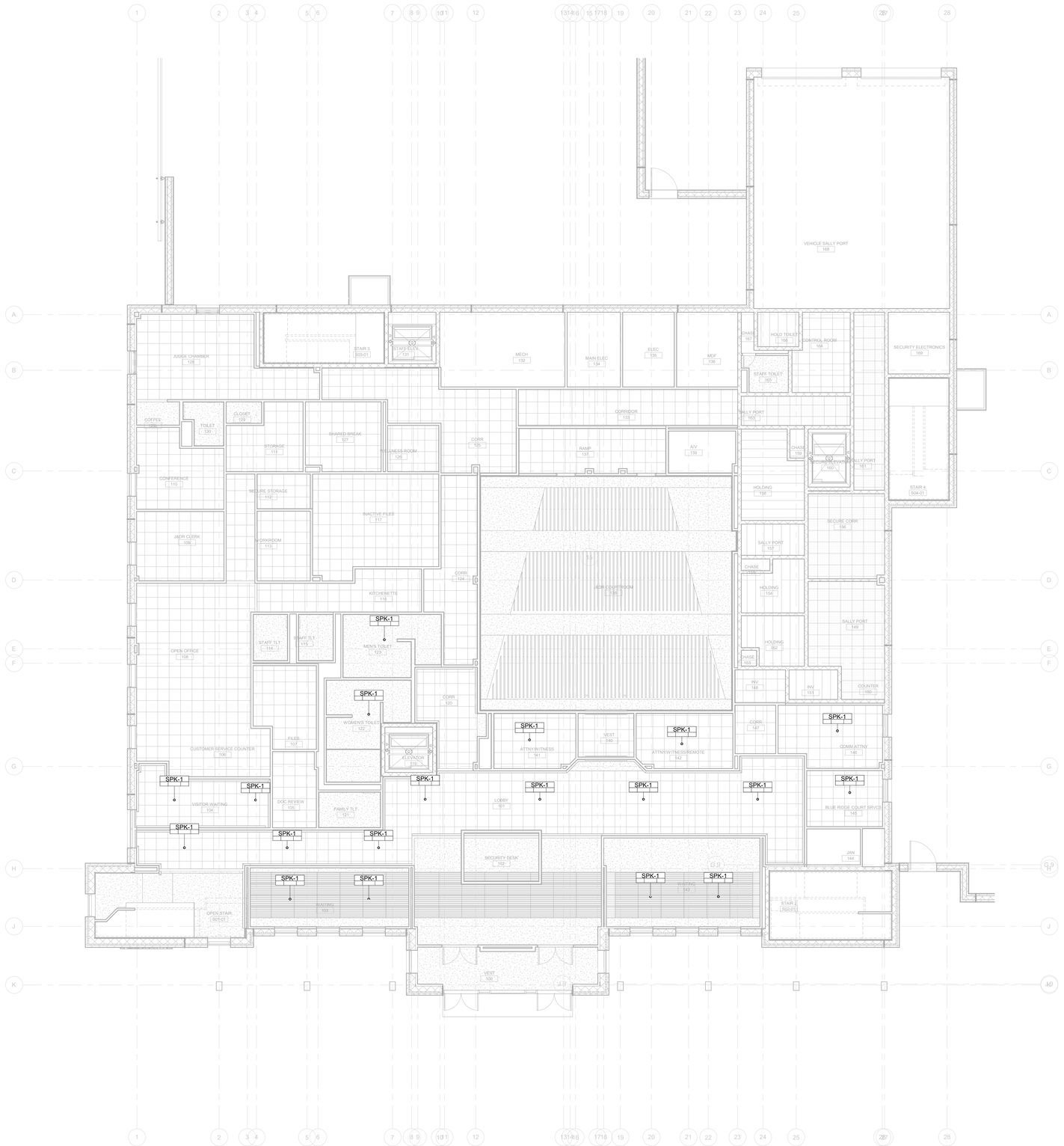

VTC-1
FPD-3
T2 J4 P2
FB-1
P2 P2
CP-1
P2
KITCHENETTE
250
CONFERENCE ROOM
249
CHIEF DEPUTY SHERIFF
248
OPEN OFFICE
245
SECURITY ELECTRONICS
251
SECURE STORAGE
245
CONFERENCE
240
STAFF TLT
242
STAFF TLT
243
JUDGES CHAMBER
235
CORRIDOR
234
INFRA
T2 J4 P2
STAFF TLT
215
SERVER ROOM
214
COFFEE
238
TLT
237
CLST
236
ROOF ACCESS
233
STAFF TLT
217
KITCHENETTE
219
CORRIDOR
232
AVR-1
T2 JSC P4
WAIT
231
AV
230
CORRIDOR
241
LOCK
270
SECURE ELEVATOR
268
SALLYPORT
252
STAIR
T.104.00
HOLDING
255
SECURE CORR
253
SALLYPORT
256
CORRIDOR
205
DIRECTOR
213
SUPERVISOR
211
INTAKE OFFICER
212
CONFERENCE ROOM
216
ELEC
218
CORRIDOR
220
JUVENILE AND DOMESTIC RELATIONS COURTROOM
229
CHASE
257
HOLDING
259
SALLYPORT
258
PROBATION OFFICER
209
INTERN
210
FILES
208
MEN'S TOILET
222
HOLDING
260
INV
268A
INV
262
HOLDING BENCH
261
OFFICE SPECIALIST
207
WORKROOM
206
WOMEN'S TOILET
223
CORR
221
VEST
226
ATTNY/WITNESS/PUBLIC
228
ATTNY/WITNESS
227
CORR
267
PUBLIC DEFENDER/ATTORNEY
266
VISITOR WAITING
203
ELEVATOR
202
FAMILY TLT
224
CUSTOMER TLT
204
MEDIATOR
265
LOBBY
201
JAN
264
OPEN STAIR
T.104.00
WAITING
202
CONFERENCE ROOM
200
WAITING
263
STAIR
T.104.00
CAM-1
FPD-3
T2 J4 P2
2
TA3.1
25N3072WSSL
25N2448WSSL
25N2472WSSLPL
25N23829PUBBFLFL
25N23829PUBBFLPL
25N2472WSSLPL
25N2448WSSLPL
25N23829PUBBFLFL
25N2472WSSLPL
25N23829PUBBFLPL
25N2448WSSLPL
25N2472WSSLPL
25N23829PUBBFLFL
25N2448WSSL
25N3072WSSL
25N2448WSSL
25N23829PUBBFLPL
25N2472WSSLPL
25N2448WSSLPL
25N3072WSSL
25N2448WSSL
25N23829PUBBFLFL
25N2472WSSLPL
25N2448WSSLP

AUDIOVISUAL EQUIPMENT SCHEDULE	
DEVICE ID	TYPE
ALS-1	ASSISTED LISTENING TRANSMITTER
AVR-1	AV EQUIPMENT RACK
CAM-1	PTZ CAMERA - WALL MOUNTED
CP-1	CONTROL PANEL - WALL MOUNTED
CP-2	CONTROL PANEL - TABLE TOP
FB-1	AV FLOOR BOX
FPD-2	24" FLAT PANEL DISPLAY
FPD-3	65" FLAT PANEL DISPLAY
HDMI	HMDI INPUT PLATE
MIC-1	MICROPHONE - TABLE TOP GOOSENECK
MIC-2	MICROPHONE-CEILING TILE ARRAY
SPK-1	SPEAKER - RECESSED CEILING
VTC-1	ALL IN ONE CAMERA, MICROPHONE, SPEAKER

INFRASTRUCTURE SCHEDULE	
TAG #	TYPE
J1	1-GANG JUNCTION BOX
J2	2-GANG JUNCTION BOX
J4	4-GANG JUNCTION BOX
JSC	SCREW COVER JUNCTION BOX

NETWORK SCHEDULE	
TAG #	TYPE
T2	DUPLEX DATA DROP PROVIDED BY ELECTRICAL, COORDINATE WITH ELECTRICAL COMMUNICATION PLANS

POWER SCHEDULE	
TAG #	TYPE
P2	DUPLEX POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS
P4	QUAD POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS



1 FIRST FLOOR
1/8" = 1'-0"

MOSELEYARCHITECTS
3200 NORFOLK STREET, RICHMOND, VA 23230
PHONE (804) 794-7555 FAX (804) 355-8690
MOSELEYARCHITECTS.COM

STAUNTON J&DR COURTS FACILITY

2040 WEST BEVERLEY STREET
CITY OF STAUNTON, VA 24401

PROJECT NO: 630874
DATE: March 1, 2024

REVISIONS

DATE	DESCRIPTION
02/20/2024	FOR BID

AUDIOVISUAL FIRST REFLECTIVE CEILING PLAN

TA2.1

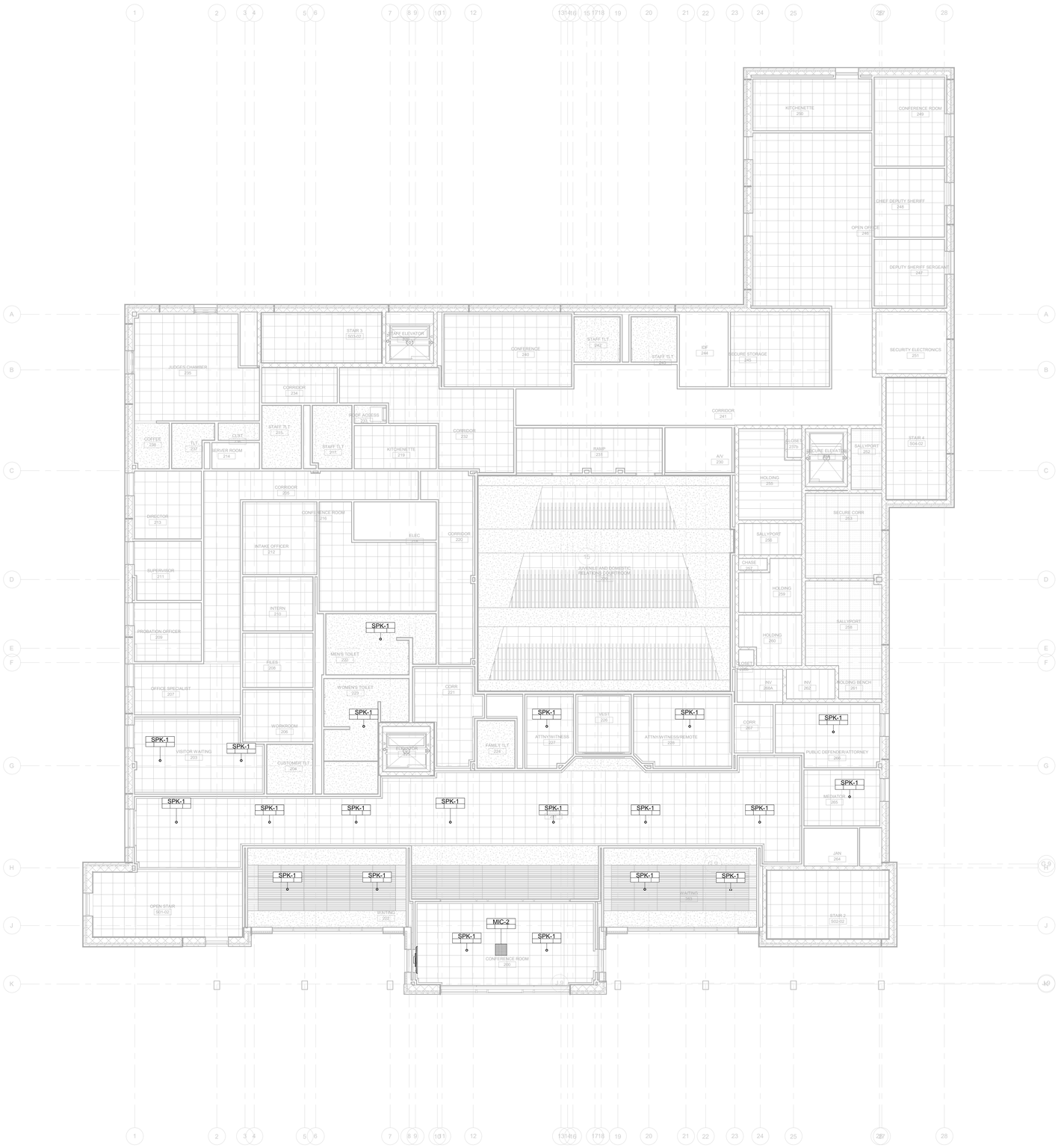
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AUDIOVISUAL EQUIPMENT SCHEDULE	
DEVICE ID	TYPE
ALS-1	ASSISTED LISTENING TRANSMITTER
AVR-1	AV EQUIPMENT RACK
CAM-1	PTZ CAMERA - WALL MOUNTED
CP-1	CONTROL PANEL - WALL MOUNTED
CP-2	CONTROL PANEL - TABLE TOP
FB-1	AV FLOOR BOX
FPD-2	24" FLAT PANEL DISPLAY
FPD-3	65" FLAT PANEL DISPLAY
HDMI	HMDI INPUT PLATE
MIC-1	MICROPHONE - TABLE TOP GOOSENECK
MIC-2	MICROPHONE-CEILING TILE ARRAY
SPK-1	SPEAKER - RECESSED CEILING
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INFRASTRUCTURE SCHEDULE	
TAG #	TYPE
J1	1-GANG JUNCTION BOX
J2	2-GANG JUNCTION BOX
J4	4-GANG JUNCTION BOX
JSC	SCREW COVER JUNCTION BOX

NETWORK SCHEDULE	
TAG #	TYPE
T2	DUPLEX DATA DROP PROVIDED BY ELECTRICAL, COORDINATE WITH ELECTRICAL COMMUNICATION PLANS

POWER SCHEDULE	
TAG #	TYPE
P2	DUPLEX POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS
P4	QUAD POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS



1 SECOND FLOOR
1/8" = 1'-0"

2/29/2024 11:11:42 AM

MOSELEY ARCHITECTS

3200 NORFOLK STREET, RICHMOND, VA 23230
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DATE	DESCRIPTION
02/20/2024	FOR BID

AUDIOVISUAL SECOND REFLECTIVE CEILING PLAN

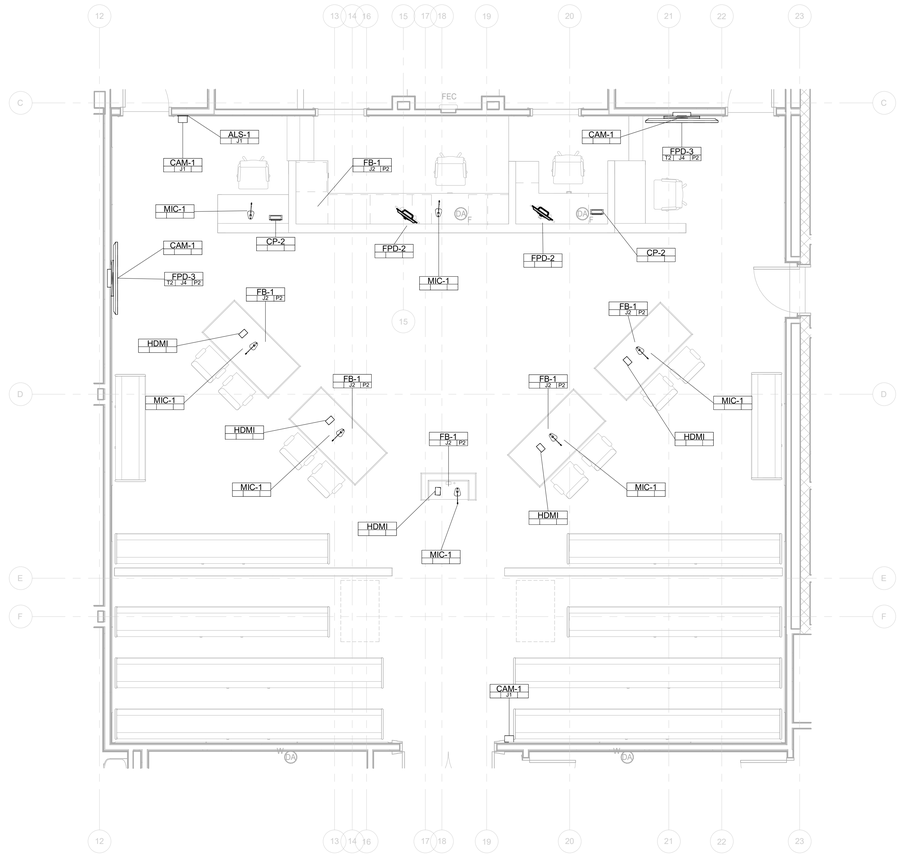
TA2.2

AUDIOVISUAL EQUIPMENT SCHEDULE	
DEVICE ID	TYPE
ALS-1	ASSISTED LISTENING TRANSMITTER
AVR-1	AV EQUIPMENT RACK
CAM-1	PTZ CAMERA - WALL MOUNTED
CP-1	CONTROL PANEL - WALL MOUNTED
CP-2	CONTROL PANEL - TABLE TOP
FB-1	AV FLOOR BOX
FPD-2	24" FLAT PANEL DISPLAY
FPD-3	65" FLAT PANEL DISPLAY
HDMI	HMDI INPUT PLATE
MIC-1	MICROPHONE - TABLE TOP GOOSENECK
MIC-2	MICROPHONE-CEILING TILE ARRAY
SPK-1	SPEAKER - RECESSED CEILING
VTC-1	ALL IN ONE CAMERA, MICROPHONE, SPEAKER

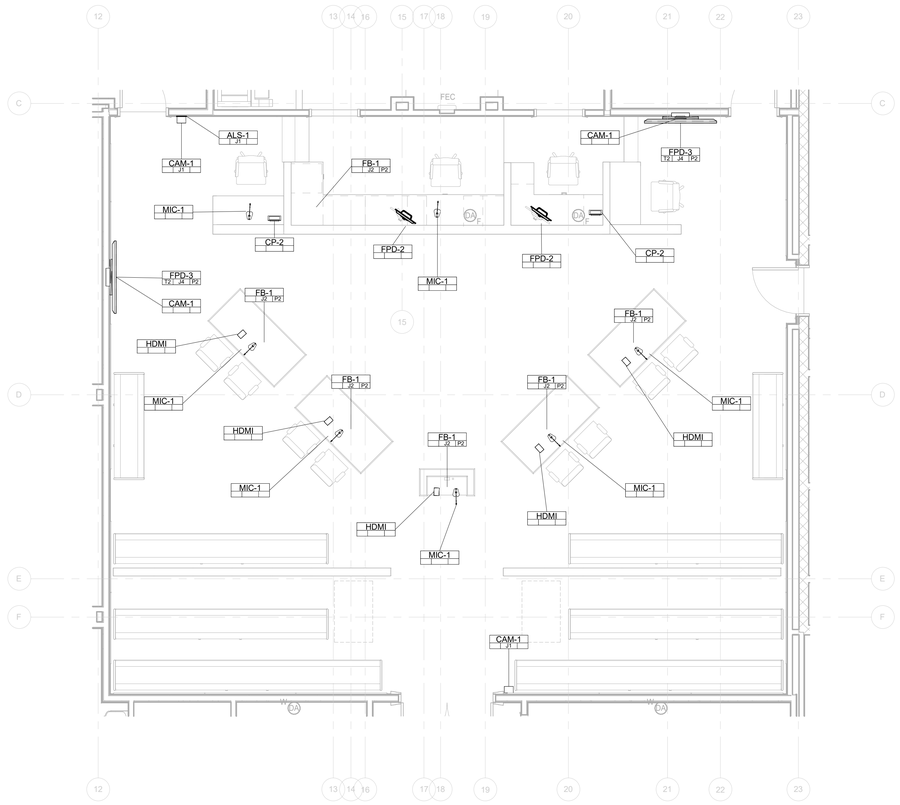
INFRASTRUCTURE SCHEDULE	
TAG #	TYPE
J1	1-GANG JUNCTION BOX
J2	2-GANG JUNCTION BOX
J4	4-GANG JUNCTION BOX
JSC	SCREW COVER JUNCTION BOX

NETWORK SCHEDULE	
TAG #	TYPE
T2	DUPLEX DATA DROP PROVIDED BY ELECTRICAL, COORDINATE WITH ELECTRICAL COMMUNICATION PLANS

POWER SCHEDULE	
TAG #	TYPE
P2	DUPLEX POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS
P4	QUAD POWER OUTLET, COORDINATE WITH ELECTRICAL POWER PLANS



1 J&DR COURTROOM - 138 ENLARGED PLAN
1/4" = 1'-0"



2 J&DR COURTROOM - 229 ENLARGED PLAN
1/4" = 1'-0"

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AUDIOVISUAL
ENLARGED PLAN

TA3.1

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