LEAD DISCLOSURE STATEMENT:

AN INSPECTION TO IDENTIFY LEAD CONTAINING OR COATED BUILDING COMPONENTS IS PENDING AND WILL BE PROVIDED IN THE PROJECT SPECIFICATIONS AS AN APPENDIX. THIS REPORT IS PROVIDED FOR THE CONTRACTOR'S USE AND MAY NOT BE ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COMPLY WITH ALL VIRGINIA OCCUPATIONAL SAFETY AND HEALTH (VOSH) REGULATIONS AS THEY PERTAIN TO EMPLOYEE EXPOSURES TO LEAD. ALL LEAD AND LEAD-COATED BUILDING COMPONENTS SHALL BE RECYCLED TO THE EXTENT POSSIBLE

SILICA WARNING:

IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH RESPIRABLE CRYSTALLINE SILICA CONSTRUCTION STANDARD, 29 CFR 1926.1153. THE FOLLOWING WORK ACTIVITIES INCLUDED, BUT NOT LIMITED TO, SHALL BE PERFORMED IN ACCORDANCE WITH THE OSHA PRODUCTS; CUTTING OR CRUSHING STONE; GRINDING MORTAR; MANUFACTURING BRICK, CONCRETE BLOCKS, OR CERAMIC WITH SAND; SAWING BRICK OR CONCRETE; SANDING OR DRILLING INTO CONCRETE; AND/OR ABRASIVE BLASTING. THESE WORK ACTIVITIES CAN CAUSE SERIOUS OR FATAL RESPIRATORY DISEASES INCLUDING SILICOSIS DUE TO BREATHING CRYSTALLINE SILICA DUST.

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

PROJECT CODE: 240163

ISSUED FOR CONSTRUCTION
14 MAY 2025

STAUNTON, VIRGINIA

COMMONWEALTH OF VIRGINIA — MICHAEL P. ERVI — Lic. No. 017004 — 05/14/2025 — ARCHITECT

COMMONWEALTH OF VIRGINIA — JOHN R MOORE — Lic. No. 036337 — 2025-05-14 — PROFESSIONAL ENGINEER

COMMONWEALTH OF VIRGINIA — JAMES D. HARNER — Lic. No. 0402062317 — 05.14.2025 — PROFESSIONAL ENGINEER

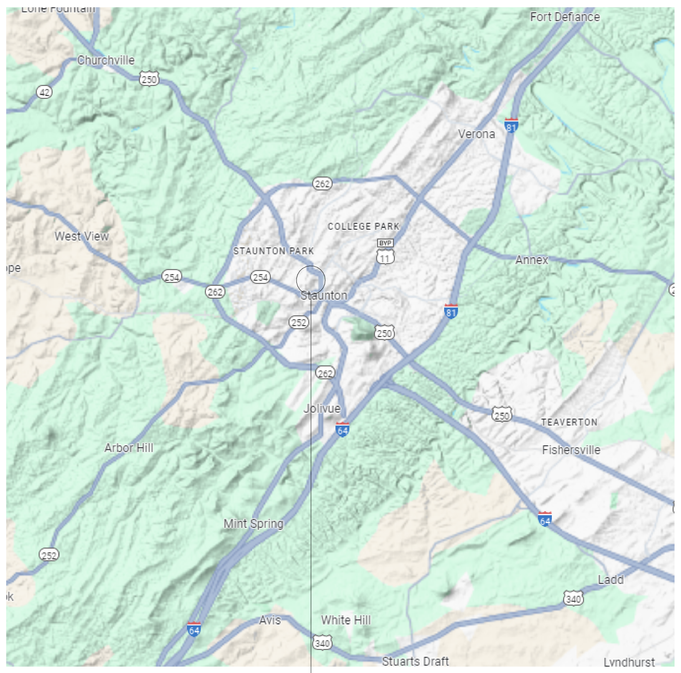
COMMONWEALTH OF VIRGINIA — SCOTT W. LITTLE — Lic. No. 052220 — 05/14/2025 — PROFESSIONAL ENGINEER

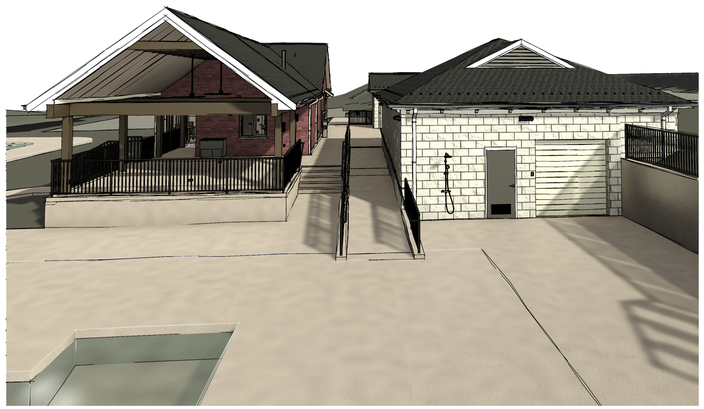
COMMONWEALTH OF VIRGINIA — CHARLES V. RICHARDSON JR. — Lic. No. 25710 — 05/14/25 — PROFESSIONAL ENGINEER

COMMONWEALTH OF VIRGINIA — DANIEL T. SUTTON — Lic. No. 45799 — 5/14/25 — PROFESSIONAL ENGINEER

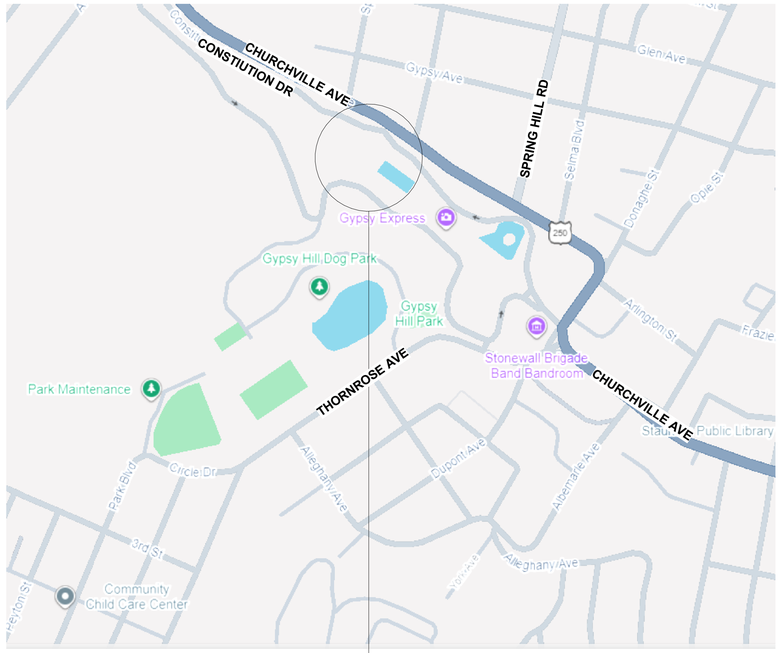
Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

VICINITY MAP





LOCATION MAP



CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

COVER SHEET

SHT. NO.	REV. NO.
G-001	0

5/14/2025 6:25:45 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt

SHEET INDEX

NO	NAME
GENERAL	
G-001	COVER SHEET
G-002	SHEET INDEX
G-003	CODE REVIEW
G-004	CODE REVIEW
CIVIL	
C-001	GENERAL CIVIL NOTES, LEGENDS AND ABBREVATIONS
C-002	EROSION AND SEDIMENT CONTROL NOTES
C-003	EROSION AND SEDIMENT CONTROL NOTES
C-101	EXISTING CONDITIONS AND DEMOLITION PLAN
C-102	SITE LAYOUT PLAN
C-103	JOINT AND DIMENSIONAL SITE PLAN
C-104	UTILITY AND DRAINAGE PLAN
C-105	GRADING PLAN
C-106	SPOT GRADING PLAN
C-107	PHASE 1 EROSION AND SEDIMENT CONTROL PLAN
C-108	PHASE 2 EROSION AND SEDIMENT CONTROL PLAN
C-201	PROFILES
C-501	PUMP STATION DETAILS
C-502	EROSION AND SEDIMENT CONTROL DETAILS
C-503	CIVIL DETAILS
C-504	CIVIL DETAILS
C-505	CIVIL DETAILS
STRUCTURAL	
S-001	STRUCTURAL NOTES
S-002	STRUCTURAL NOTES
S-003	SPECIAL INSPECTIONS
S-004	SPECIAL INSPECTIONS
S-005	SYMBOLS AND ABBREVIATIONS
S-101	FOUNDATION PLAN
S-102	ROOF FRAMING PLAN
S-201	TRUSS ELEVATIONS - POOL FACILITIES BUILDING
S-202	TRUSS ELEVATIONS-POOL ADMINISTRATION BUILDING
S-301	FOUNDATION SECTIONS
S-302	FOUNDATION SECTIONS
S-303	FOUNDATION SECTIONS
S-310	ROOF FRAMING SECTIONS
S-311	ROOF FRAMING SECTIONS
S-312	ROOF FRAMING SECTIONS
S-401	SITE WALLS PLAN, SECTIONS AND DETAILS
S-402	BID ADDITIVE
S-403	BID ADDITIVE
S-404	BID ADDITIVE
S-501	TYPICAL FOUNDATION SECTIONS
S-502	TYPICAL FOUNDATION DETAILS
S-510	TYPICAL MASONRY DETAILS
S-520	TYPICAL FRAMING DETAILS
S-601	WALL PRESSURE ELEVATIONS - FACILITIES BUILDING
S-602	WALL PRESSURE ELEVATIONS - ADMINISTRATION BUILDING
S-603	ROOF UPLIFT WIND LOAD DIAGRAMS
ARCHITECTURAL	
A-001	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
A-101	FIRST FLOOR PLAN
A-102	FIRST FLOOR F&E PLAN
A-103	FIRST FLOOR FINISH AND SIGNAGE PLAN
A-111	FIRST FLOOR RCP
A-112	ROOF PLAN
A-201	EXTERIOR ELEVATIONS
A-202	EXTERIOR ELEVATIONS
A-203	EXTERIOR ELEVATIONS
A-204	EXTERIOR ELEVATIONS
A-301	BUILDING SECTIONS
A-302	BUILDING SECTIONS
A-303	WALL SECTIONS
A-304	WALL SECTIONS
A-305	WALL SECTIONS
A-306	WALL SECTIONS
A-307	WALL SECTIONS
A-308	WALL SECTIONS
A-401	ENLARGED PLANS AND ELEVATIONS - MOUNTING HEIGHTS
A-402	ENLARGED PLANS - RESTROOMS AND JANITOR
A-403	ENLARGED PLANS - MISC
A-411	ENLARGED ELEVATIONS - RESTROOMS
A-412	ENLARGED ELEVATIONS - RESTROOMS
A-413	ENLARGED ELEVATIONS - RESTROOM AND JANITOR
A-414	ENLARGED ELEVATIONS - CONCESSIONS
A-415	ENLARGED ELEVATIONS - STAFF BREAK ROOM
A-416	ENLARGED SECTIONS - STAIRS AND RAMP
A-417	ENLARGED SECTIONS - MISC
A-501	FOUNDATION FLASHING DETAILS
A-502	ROOF DETAILS
A-503	SOFFIT DETAILS
A-601	DOOR SCHEDULE, ELEVATIONS, AND DETAILS
A-602	WINDOW SCHEDULE, ELEVATIONS, AND DETAILS
A-603	PARTITION AND FINISH SCHEDULE
A-701	TYPICAL SIGNAGE DETAILS
A-901	3D EXTERIOR PERSPECTIVES
MECHANICAL	
M-001	LEGEND, ABBREVIATIONS & GENERAL NOTES
M-101	FIRST FLOOR MECHANICAL PLAN
M-501	DETAILS
M-601	SCHEDULES
PLUMBING	
P-001	LEGEND, ABBREVIATIONS & GENERAL NOTES
P-101	FIRST FLOOR DOMESTIC PIPING PLAN
P-201	FIRST FLOOR SANITARY PLAN
P-501	DETAILS
P-601	SCHEDULES
P-701	RISER DIAGRAMS
P-702	RISER DIAGRAMS
P-703	RISER DIAGRAMS
P-704	RISER DIAGRAMS
ELECTRICAL	
E-001	ELECTRICAL LEGENDS AND SYMBOLS
E-002	ELECTRICAL GENERAL NOTES AND ABBREVIATIONS
E-003	LIGHTING LEGEND AND GENERAL NOTES
E-701	SINGLE LINE DIAGRAM & SCHEDULES
EL101	LIGHTING PLAN
EL301	LIGHTING SECTIONS
EL302	LIGHTING SECTIONS
EL303	LIGHTING SECTIONS
EL601	LIGHTING SCHEDULES AND DETAILS
EP101	POWER PLAN
Grand total: 106	

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

SHEET INDEX

SHT. NO.	REV. NO.
G-002	0

5/14/2025 6:25:46 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt

BUILDING OCCUPANT LOAD SCHEDULE - A-5 / S-1

ROOM #	ROOM NAME	FLOOR AREA	OCCUPANCY USE	SF/PER	OCCUPANT LOAD
101	JANITOR	68 SF	ACCESSORY TO UTILITY BUILDING	150 GROSS	1
103	UNISEX - SH/CH	79 SF	PUBLIC RESTROOM W/ SHOWER & CHANGING	50 GROSS	2
105	UNISEX - SH/CH (ADA)	124 SF	PUBLIC RESTROOM W/ SHOWER & CHANGING	50 GROSS	2
107	UNISEX - CH (ADA)	93 SF	PUBLIC RESTROOM W/ CHANGING	50 GROSS	2
109	UNISEX - CH (ADA)	92 SF	PUBLIC RESTROOM W/ CHANGING	50 GROSS	2
111	UNISEX - SH/CH (ADA)	120 SF	PUBLIC RESTROOM W/ SHOWER & CHANGING	50 GROSS	2
113	UNISEX - SH/CH	79 SF	PUBLIC RESTROOM W/ SHOWER & CHANGING	50 GROSS	2
115	UNISEX - CH	68 SF	PUBLIC RESTROOM W/ CHANGING	50 GROSS	2
117	LARGE STORAGE	590 SF	STORAGE	300 GROSS	2
119	LAWN STORAGE	78 SF	STORAGE	300 GROSS	1

TOTAL OCC: 18

BUILDING OCCUPANT LOAD SCHEDULE - B

ROOM #	ROOM NAME	FLOOR AREA	OCCUPANCY USE	SF/PER	OCCUPANT LOAD
102	TELLER OFFICE	92 SF	OFFICE	150 GROSS	1
104	MANAGER OFFICE	144 SF	OFFICE	150 GROSS	1
104A	CLOSET	19 SF	STORAGE	300 GROSS	1
104B	COMMS	28 SF	UTILITY	300 GROSS	1
106	STAFF UNISEX - CH (ADA)	97 SF	STAFF RESTROOM W/ CHANGING	150 GROSS	1
108	STAFF BREAK	118 SF	ASSEMBLY - UNCONCENTRATED	15 NET	8
110	CONCESSIONS	236 SF	WARMING KITCHEN - SERVERY	200 GROSS	2
110A	STORAGE	84 SF	STORAGE	300 GROSS	1
112	UTILITY	49 SF	MECHANICAL	300 GROSS	1

TOTAL OCC: 17

COVERED OUTDOOR AREA OCCUPANT LOAD SCHEDULE - B

ROOM #	ROOM NAME	FLOOR AREA	OCCUPANCY USE	SF/PER	OCCUPANT LOAD
114	COVERED OUTDOOR LOUNGE	Not Enclosed	ASSEMBLY - UNCONCENTRATED	15 NET	44

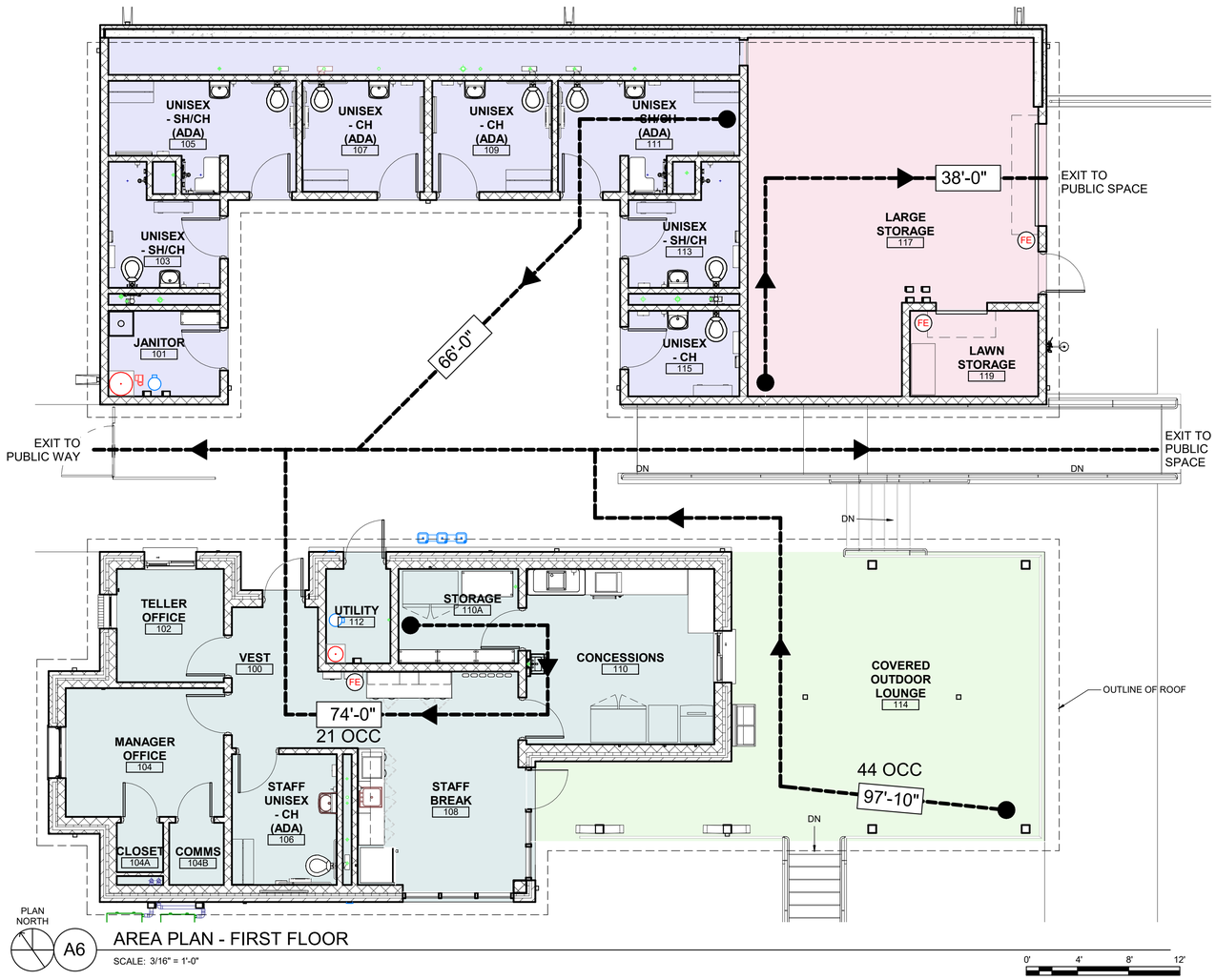
TOTAL OCC: 44

AREA (GROSS BUILDING)

AREA	BUILDING USE GROUP
953 SF	ASSEMBLY - A-5
1,219 SF	BUSINESS - B
651 SF	COVERED OUTDOOR AREA - B
680 SF	STORAGE - S-1
3,503 SF	TOTAL BUILDING AREA

LIFE SAFETY LEGEND

- EGRESS PATH & DIRECTION
- EGRESS START
- ### OCC — CALCULATED OCCUPANT LOAD
- ##'-##" — EGRESS DISTANCE
- FE — FIRE EXTINGUISHER
- XX — NUMBER EXITING
- XXX — MIN EXIT CAPACITY



PLAN NORTH — A6

AREA PLAN - FIRST FLOOR

SCALE: 3/16" = 1'-0"

0' 4' 8' 12'

CODE REVIEW

GENERAL NOTES:
- OCCUPANCY INFORMATION ON THIS SHEET PERTAINS TO LIFE SAFETY/EGRESS ONLY.
- REFER TO SHEET G-004 FOR PLUMBING FIXTURE CALCULATIONS AND ACCESSIBILITY PLAN.

APPLICABLE CRITERIA
- STAUNTON CITY CODE
- VIRGINIA UNIFORM STATEWIDE BUILDING CODE, 2021 (2021 VUSBC)
- VIRGINIA CONSTRUCTION CODE, 2021 (VCC 2021)
- VIRGINIA EXISTING BUILDING CODE, 2021 (VEBC 2021)
- VIRGINIA SWIMMING POOL AND SPA CODE, 2021 (ISPSC 2021)
- VIRGINIA ENERGY CONSERVATION CODE, 2021 (VECC 2021)
- VIRGINIA STATEWIDE FIRE PREVENTION CODE (SFPC), IFC 2021
- NATIONAL ELECTRIC CODE / NFPA 70: NEC 2020 INCLUDING VIRGINIA AMENDMENTS
- VIRGINIA MECHANICAL CODE, IMC 2021
- VIRGINIA PLUMBING CODE, IPC 2021
- VIRGINIA FIRE SAFETY REGULATIONS, 2021 (VFSR)
- 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN (ASAD) CHAPTER 2, SEPTEMBER 15, 2010
- STANDARDS FOR ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES, ICC A117.1-2017, MARCH 28, 2017
- MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES - ASCE 7, 2022
- BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE - ACI 318, 2019
- BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES - TMS 402, 2016
- VIRGINIA STORMWATER MANAGEMENT HANDBOOK
- DEQ EROSION AND SEDIMENT CONTROL HANDBOOK

AUTOMATIC FIRE SUPPRESSION AND FIRE ALARM SYSTEMS
- AN AUTOMATIC SPRINKLER SYSTEM IS NOT REQUIRED.
- A MANUAL FIRE ALARM SYSTEM IS NOT REQUIRED.

OCCUPANCY CLASSIFICATION
- FOR THE PURPOSES OF OCCUPANCY, THE PUBLIC RESTROOMS, STORAGE BUILDING, AND BUSINESS BUILDING WILL BE CLASSIFIED AS NONSEPARATED MIXED USE WITH USE GROUP A-5 (OUTDOOR ASSEMBLY), USE GROUP S-1 (MODERATE-HAZARD STORAGE) AND USE GROUP B (BUSINESS) IN ACCORDANCE WITH VCC SECTION 508.3. THE USE GROUP B OCCUPANCY IS THE MOST RESTRICTIVE.

OCCUPANCY		USE AREA
GROUP B	**BUSINESS**	**BUSINESS - B, COVERED OUTDOOR AREA - B**
GROUP S-1	MODERATE-HAZARD STORAGE	STORAGE - S-1
GROUP A-5	OUTDOOR ASSEMBLY	ASSEMBLY - A-5

ALLOWABLE HEIGHT AND AREA ANALYSIS
- FOR THE PURPOSES OF HEIGHT AND AREA ANALYSIS, THE UTILITY BUILDING IS A TYPE V-B NON-SEPARATED MIXED USE WITH B AND S-1 OCCUPANCY CLASSIFICATION IN ACCORDANCE WITH VCC SECTION 504.3. THE GROUP B OCCUPANCY IS THE MOST RESTRICTIVE.

REQUIREMENT	ALLOWED	PROVIDED
CONSTRUCTION CLASSIFICATION	TYPE V-B	
MOST STRINGENT OCCUPANCY CLASSIFICATION	GROUP B	
HEIGHT (VCC TABLE 504.3)	40 FT	< 26 FT
STORIES (VCC TABLE 504.4)	2	1
ALLOWABLE BUILDING AREA (VCC TABLE 506.2)	5,500 SF	3,403 SF

ALLOWABLE BUILDING ELEMENTS FIRE-RESISTIVE RATING (HOURS)
- FOR THE PURPOSES OF FIRE-RESISTIVE RATINGS OF THE BUILDING ELEMENTS, THE BUILDING IS A TYPE V-B IN ACCORDANCE WITH VCC TABLE 601 AND TABLE 602.

BUILDING ELEMENT	TYPE V-B
PRIMARY STRUCTURAL FRAME	0
BEARING WALLS - EXTERIOR - INTERIOR	 0 0
NONBEARING WALLS AND PARTITIONS (EXTERIOR) - X ≥ 30	0
NONBEARING WALLS AND PARTITIONS (INTERIOR)	0
FLOOR CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0
ROOF CONSTRUCTION AND ASSOCIATED SECONDARY MEMBERS	0

EXTERIOR WALLS
- FOR THE PURPOSES OF THE FIRE SEPARATION DISTANCE THE BUILDING IS CONSIDERED ONE BUILDING, THEREFORE THERE IS NO RESTRICTIONS. VCC SECTION 705. COMBUSTIBLE MATERIALS ARE PERMITTED IN TYPE VB CONSTRUCTION.

INTERIOR FINISH CLASSIFICATIONS

FINISH OR INSULATION MATERIAL	REQUIRED	PROVIDED
WALL AND CEILING FINISHES (VCC SECTION 803.1.2) - ALL OTHER AREAS	CLASS C - FLAME SPREAD INDEX 76—200; SMOKE-DEVELOPED INDEX 0—450	CLASS C MINIMUM
FLOOR FINISHES (VCC SECTION 804.4.2) - ALL OTHER AREAS	CLASS II - MINIMUM CRITICAL HEAT FLUX > 0.1 W/CM²	CLASS II - MINIMUM CRITICAL HEAT FLUX > 0.1 W/CM²
INSULATION MATERIALS (VCC SECTION 720.2, 720.3) - THERMAL AND ACOUSTICAL INSULATION	FLAME SPREAD INDEX ≤25; SMOKE-DEVELOPED INDEX ≤450	FLAME SPREAD INDEX ≤25; SMOKE-DEVELOPED INDEX ≤450
PLASTIC INSULATION (VCC SECTION 2603.3.) - THERMAL AND ACOUSTICAL INSULATION	FLAME SPREAD INDEX ≤75; SMOKE-DEVELOPED INDEX ≤450	FLAME SPREAD INDEX ≤75; SMOKE-DEVELOPED INDEX ≤450

MINIMUM EXITS OR EXIT FROM A SPACE OR AREA
- THE BUILDING ONLY REQUIRES ONE EXIT. TWO EXITS HAVE BEEN PROVIDED IN MOST LOCATIONS.

OCCUPANCY	CONDITION PERMITTING ONE EXIT	CONDITION REQUIRING TWO EXITS
BUSINESS (VCC TABLE 1006.2.1)	ROOM WITH LESS THAN 50 OCCUPANTS, ≤ 30 TOTAL BUILDING OCCUPANTS, ≤ 100' TRAVEL DISTANCE	EXCEED 100 FEET COMMON PATH LIMIT
STORAGE (S-1) (VCC TABLE 1006.2.1)	ROOM WITH LESS THAN 29 OCCUPANTS, ≤ 30 TOTAL BUILDING OCCUPANTS, ≤ 100' TRAVEL DISTANCE	EXCEED 100 FEET COMMON PATH LIMIT
ASSEMBLY (A-5) (VCC TABLE 1006.2.1)	ROOM WITH LESS THAN 50 OCCUPANTS, ≤ 30 TOTAL BUILDING OCCUPANTS, ≤ 75' TRAVEL DISTANCE	EXCEED 75 FEET COMMON PATH LIMIT

COMMON PATH, DEAD-END, AND TRAVEL DISTANCE LIMITS

OCCUPANCY	COMMON PATH LIMIT (FEET)	DEAD-END LIMIT (FEET)	TRAVEL DISTANCE LIMIT (FEET)
BUSINESS	100 (VCC SECTION 1006.2.1)		200 (VCC TABLE 1017.2)
STORAGE (S-1)	100 (VCC SECTION 1006.2.1)		300 (VCC TABLE 1017.2)
ASSEMBLY (A-5)	75 (VCC SECTION 1006.2.1)		200 (VCC TABLE 1017.2)

MINIMUM EGRESS DIMENSIONAL CRITERIA

COMPONENT	SLOPE MAX (INCHES)	WIDTH MIN (INCHES)	RISER MIN/MAX (INCHES)	TREAD MIN (INCHES)	HEADROOM MIN (INCHES)
EGRESS DOORS (VCC SECTION 1010.1.1)		32			80
STAIRS (VCC SECTION 1030.6.3, SECTION 1011.2)		44	4 / 7	11	80
RAMPS (VCC SECTION 1030.6.3, SECTION 1012, TABLE 1020.3)	1:12	44			80

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

CODE REVIEW

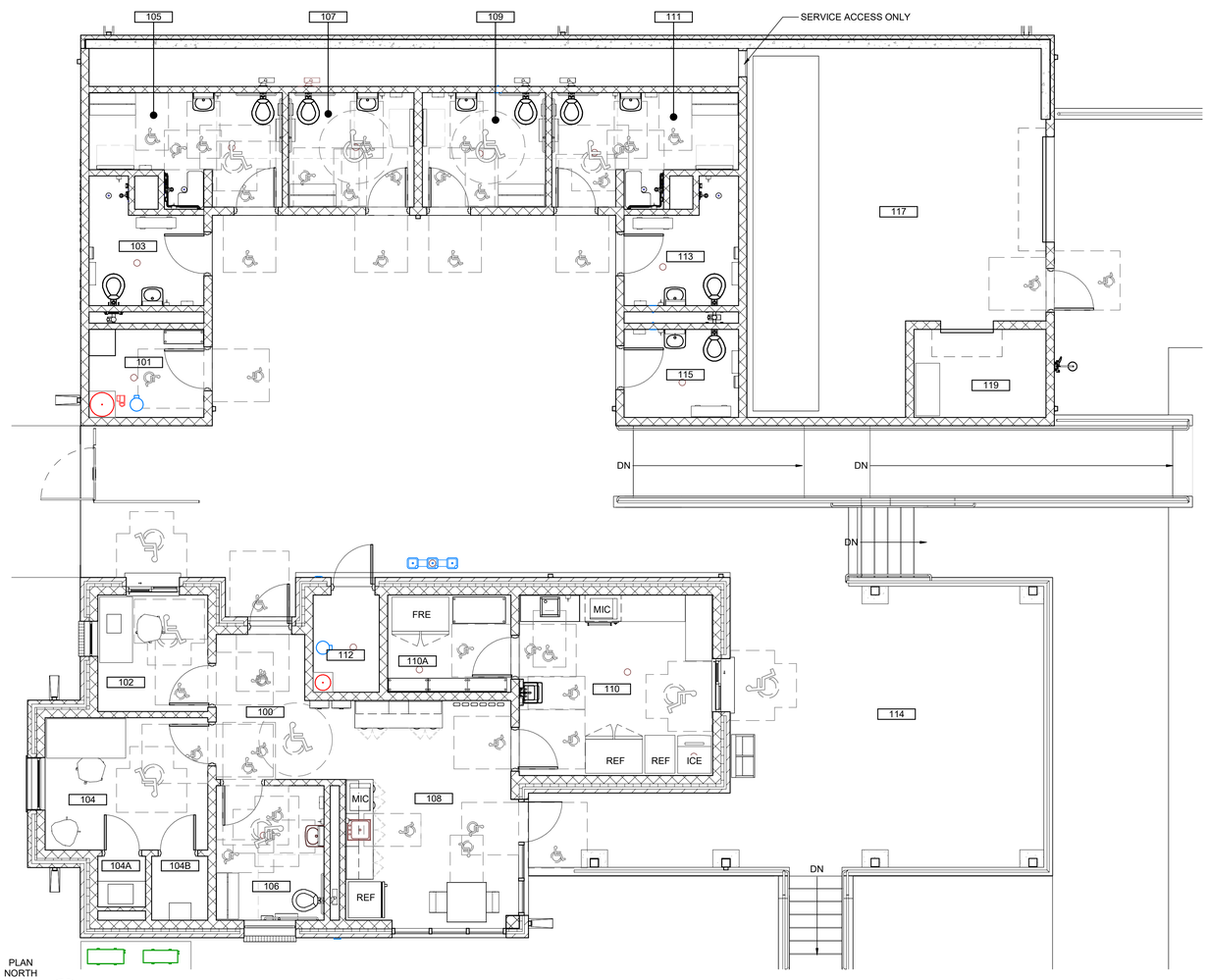
SHT. NO.	REV. NO.
G-003	0

5/14/2025 6:25:51 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt

PLUMBING FIXTURE CALCULATIONS

VVC 2021			IPC 2021														ISPSC 2021			
OCCUPANCY		BATHER SURFACE AREA (SF)	SEPARATE FACILITY - MEN				SEPARATE FACILITY - WOMEN				SINGLE-USER FACILITY				DRINKING FOUNTAINS		SERVICE SINK	SHOWER - MEN		SHOWER - WOMEN	
USE	LOAD		RATIO	WC	RATIO	LAV	RATIO	WC	RATIO	LAV	RATIO	WC	RATIO	LAV	RATIO	DF		RATIO	SHOWER	RATIO	SHOWER
OUTDOOR AREA A-5	380	11320									1 PER 52.2 FOR THE FIRST 3,025 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 3,025	7.280	1 PER 171.4	2.217	1 PER 1000	0.380		1 PER 7500 OF WATER AREA FOR BATHERS	2	1 per 7500 of water area for bathers	2
B	17		1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	0.340	1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	0.213	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	0.340	1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80	0.213	SUM OF SEPARATE FACILITIES WATER CLOSETS FOR MEN AND WOMEN	0.680	SUM OF SEPARATE FACILITIES LAVATORIES FOR MEN AND WOMEN	0.426	1 PER 100	0.170	1				
S-1	3		1 PER 100	0.015	1 PER 100	0.015	1 PER 100	0.015	1 PER 100	0.015	SUM OF SEPARATE FACILITIES WATER CLOSETS FOR MEN AND WOMEN	0.030	SUM OF SEPARATE FACILITIES LAVATORIES FOR MEN AND WOMEN	0.030	1 PER 1,000	0.003					
		SUBTOTALS										7.990		2.673		0.553	1.000		2.000		2.000
		REQUIRED TOTALS		**0**		**0**		**0**		**0**		**8**		**3**		**1**	**1**		**2**		**2**
		PROVIDED TOTALS		**0**		**0**		**0**		**0**		**8**		**8**		**2**	**2**		**2**		**2**

NOTE: MAXIMUM OCCUPANCY FOR THE ENCLOSED OUTDOOR RECREATION POOL AREA IS 400. THE MAXIMUM OCCUPANCY INCLUDES THE OCCUPANCY LOAD FOR THE STAFF PORTIONS OF THE BUILDING.

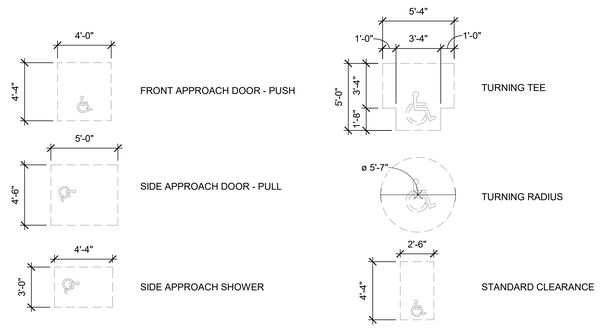


PLAN NORTH

A6 ACCESSIBILITY PLAN - FIRST FLOOR

SCALE: 3/16" = 1'-0"

0' 4' 8' 12'



ACCESSIBILITY LEGEND

SCALE: 3/16" = 1'-0"

0' 4' 8' 12'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

CODE REVIEW

SHT. NO.	REV. NO.
G-004	0

5/14/2025 6:25:54 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt

SURVEY NOTES:

1. THIS TOPOGRAPHIC WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF, BRIAN S HARVEY, LS FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED ON OCTOBER 1-4, 2024; AND THAT THIS PLAT, MAP, OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.
2. SURVEY CONDUCTED BY WILEY|WILSON, OCTOBER 2024. VERTICAL CONTROL: NAVD 88; HORIZONTAL CONTROL: NAD 83 VIRGINIA STATE PLANE COORDINATE SYSTEM, NORTH ZONE, U.S. SURVEY FOOT.
3. ALL EXISTING UNDERGROUND UTILITY LOCATIONS AS SHOWN ON THESE PLANS ARE APPROXIMATE AND MAY NOT REPRESENT ALL UNDERGROUND UTILITIES OR SERVICE LINES.
4. SOURCE OF EXISTING UTILITY MAPPING: UTILITY LOCATIONS ARE BASED ON QUALITY LEVEL "B" AS DEFINED BY ASCE STANDARD 38-02 "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".
5. CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXACT LOCATION, DEPTH, SIZE, AND TYPE OF UTILITIES SHOWN AND NOTIFYING ENGINEER OF DISCREPANCIES. CONTRACTOR IS SOLELY RESPONSIBLE FOR DAMAGE TO PROPERTY, UTILITIES, OR PHYSICAL IMPROVEMENTS.
6. MISS UTILITY WAS CONTACTED PRIOR TO TOPOGRAPHIC SURVEY. MISS UTILITY DESIGN TICKET NUMBER B427401367, DATED 9/30/24.
7. CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 1-800-552-7001 PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION IN ACCORDANCE WITH THE VIRGINIA UNDERGROUND UTILITY DAMAGE PREVENTION ACT.
8. PROPERTY LINE INFORMATION IS BASED ON CORRELATION OF FIELD MEASUREMENTS WITH INFORMATION FOUND IN VARIOUS PLATS AND DEEDS OF RECORD. NO BOUNDARY SURVEY WAS PERFORMED.
9. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT AND IS NOT INTENDED TO SHOW ALL EASEMENTS THAT MAY AFFECT THE PROPERTY.
10. ALL PROPERTY PINS DISTURBED BY CONTRACTOR ACTIVITIES SHALL BE REPLACED BY A VIRGINIA LICENSED LAND SURVEYOR.
11. THE EXISTENCE OF HAZARDOUS WASTE, VEGETATED WETLANDS, OR TIDAL WETLANDS WAS NEITHER INVESTIGATED NOR CONFIRMED DURING THE PERFORMANCE OF THIS SURVEY.

SITE NOTES:

1. TOP OF WALL AND BOTTOM OF WALL ELEVATIONS REFER TO FINISHED GRADES. SEE RETAINING WALL PLANS FOR TOP AND BOTTOM WALL HEIGHTS.

PROJECT NARRATIVE:

THIS PROJECT FOR THE CITY OF STAUNTON, VIRGINIA, IS TO DEMOLISH AND RECONSTRUCT THE GYPSY HILL PARK POOL HOUSE AND ALL ASSOCIATED IMPROVEMENTS.

ABBREVIATIONS

APPROX	APPROXIMATELY
BC	BOTTOM OF CURB
BFV	BUTTERFLY VALVE
BFE	BASE FLOOD ELEVATION
BLDG	BUILDING
BV	BALL VALVE
BW	BOTTOM OF WALL
CF	CUBIC FEET
CIP	CAST IN PLACE
CY	CUBIC YARD
DB	DEED BOOK
DEMO	DEMOLITION
DI	DUCTILE IRON
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
DS	DOWNSPOUT
EA	EACH
EL	ELEVATION
ELEV	ELEVATION
EX	EXISTING
FFE	FINISHED FLOOR ELEVATION
FT	FOOT/FEET
GV	GATE VALVE
HFSA	HYDROFLUOROSILICIC ACID
HORIZ	HORIZONTAL
HP	HIGH POINT
HWL	HIGH WATER LEVEL
IN	INCHES
INV	INVERT
IPF	IRON OIN FOUND
L	LENGTH
LF	LINEAR FEET
LWL	LOW WATER LEVEL
LP	LOW POINT
MIN	MINIMUM
MJ	MECHANICAL JOINT
MSL	MEAN SEA LEVEL
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
OC	ON CENTER
PG	PAGE
PVC	POLYVINYL CHLORIDE
PRV	PRESSURE REGULATOR VALVE
RW	RAW WATER
SD	STORM DRAIN
STA	STATION
SY	SQUARE YARD
TC	TOP OF CURB
TM	TAX MAP
TW	TOP OF WALL
TYP	TYPICAL
VERT	VERTICAL
WL	WATERLINE
WV	WATER VALVE

EROSION CONTROL MEASURES		
C-ECM-15 OUTLET PROTECTION	OP	

PERIMETER CONTROL MEASURES		
C-PCM-04 SILT FENCE	SF	SF SF

SEDIMENT CONTROL MEASURES		
C-SCM-03 TEMP STONE CONSTRUCTION ENTRANCE	CE	
C-SCM-04 INLET PROTECTION	IP	
C-ECM-13 CONCRETE WASHOUT PIT	CW	

SURFACE STABILIZATION MEASURES		
C-SSM-01 TREE PRESERVATION AND PROTECTION	TP	TP
C-SSM-02 TOPSOILING	TO	TO
C-SSM-05 SOIL STABILIZATION BLANKETS AND MATTING	B/M	
C-SSM-09 TEMPORARY SEEDING	TS	TS
C-SSM-10 PERMANENT SEEDING	PS	PS
C-SSM-11 MULCHING	MU	MU

LEGEND

DESIGN	EXISTING	
X		DEMOLISH
		BENCHMARK
		CONTROL POINT
		CONTROL POINT - NAIL SET
		DOWNSPOUT
		DROP INLET
●	●	NYLOPLAST INLET
•	•	STORM CLEANOUT
●	Ⓢ	SANITARY MANHOLE
		LIGHT POLE
		GUY WIRE
	Ⓦ	WATER METER
	⊗WV	WATER VALVE
	HB	HOSE BIB
		SIGN
		BOLLARD
		FINISHED FLOOR ELEVATION
	○ VENT	VENT
		TREE
		BUSH
		LIMITS OF CONSTRUCTION
		DEMOLITION LINE
		HANDRAIL
		EDGE OF PAVEMENT
		GUARD RAIL
		FENCELINE
	10	MAJOR CONTOURS
		MINOR CONTOURS
	OHE	OVERHEAD ELECTRIC
UGE	UGE	UNDERGROUND ELECTRIC
	GUY	GUY WIRE
SS	SS	SANITARY LINE
SD	SD	STORM LINE
W	W	WATER LINE
		DITCH
		FLOODPLAIN
		SOIL BOUNDARY
		ASPHALT
		CONCRETE
		GRAVEL
		BUILDING
		PAVEMENT MARKING
		ASPHALT DEMOLITION
		CONCRETE DEMOLITION
		BLOCK WALL DEMOLITION

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE

GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS

SHT. NO.	REV. NO.
C-001	0

12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-001.dwg

EROSION & SEDIMENT CONTROL NARRATIVE

I. PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE DEMOLITION AND RECONSTRUCTION OF A POOL HOUSE AND ASSOCIATED SITE IMPROVEMENTS. THE PROJECT INVOLVES APPROXIMATELY 0.58 ACRES OF LAND DISTURBANCE AND IS LOCATED IN THE CITY OF STAUNTON. THIS SITE CONSISTS OF A MIX OF CONCRETE, AND GRASS AREA.

II. EXISTING SITE CONDITIONS

THIS SITE CONSISTS OF TOPOGRAPHY THAT GENERALLY SLOPES TO A CREEK SOUTH OF THE SITE. THERE IS AN EXISTING POOL HOUSE, FENCING, RETAINING WALLS AND CONCRETE SIDEWALKS. THIS SITE CONSISTS OF A MIX OF CONCRETE, AND GRASS AREA.

III. ADJACENT PROPERTIES

THE PROJECT SITE IS BOUNDED BY THE SUBJECT PROPERTY ON ALL SIDES.

IV. OFF-SITE AREAS

FILL MATERIAL WILL BE OBTAINED FROM APPROVED AND PERMITTED LOCATIONS. UNSUITABLE MATERIAL WILL BE HAULED FROM THE SITE AND DISPOSED OF IN AN APPROVED MANNER. SUBMIT A SUPPLEMENTARY EROSION AND SEDIMENT CONTROL PLAN TO THE EROSION AND SEDIMENT CONTROL REGULATOR PERTAINING TO OFF-SITE DISTURBED AREAS (IF ANY SUCH AREAS ARE REQUIRED) SUCH AS STOCKPILES, STAGING AREAS, AND SPOIL AREAS THAT ARE USED FOR THIS PROJECT.

V. SOILS

ACCORDING TO USDA SCS SOIL MAPPING, THE PROJECT SITE LIES ON SOIL TYPES FREDERICK-CHRISTIAN SILT LOAMS-URBAN LAND COMPLEX AND UDIFLUVENTS-URBAN LAND COMPLEX.

THE FREDERICK-CHRISTIAN SILT LOAMS-URBAN LAND COMPLEX (15 TO 25 PERCENT SLOPES) 540C2 SOILS, CONSISTS OF DEEP, WELL DRAINED SOILS. THESE SOILS PARENT MATERIAL CONSISTS OF RESIDUUM WEATHERED FROM LIMESTONE OR INTERBEDDED LIMESTONE AND SANDSTONE. THE RUNOFF CLASS IS HIGH. IT DOES NOT MEET HYDRIC CRITERIA. THE NON-IRRIGATED LAND CAPACITY CLASSIFICATIONS IS 4E AND 8S. THE ASSUMED HYDROLOGIC GROUP IS B.

THE UDIFLUVENTS-URBAN LAND COMPLEX 582 SOILS, HAS A NONIRRIGATED LAND CAPABILITY CLASSIFICATION OF 8S, AND IS AN ASSUMED HYDROLOGIC SOIL GROUP C.

VI. CRITICAL AREAS

THERE ARE SEVERAL CRITICAL AREAS INCLUDING STEEP SLOPES, ADJACENT CREEK AND POOL. CARE WILL BE TAKEN TO PROVIDE PROTECTIVE MEASURES IN THESE AREAS TO ENSURE PROPER DRAINAGE AND TO STABILIZE THE SLOPES. SEDIMENT WILL BE TRAPPED ON SITE AND SPECIAL CARE TAKEN TO PROTECT THE CREEK AND POOL FROM SEDIMENT.

VII. LIST OF BEST MANAGEMENT PRACTICES (BMPs)

ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH THE LATEST EDITION OF THE VIRGINIA STORMWATER MANAGEMENT HANDBOOK. SYMBOLS, DETAILS, AND DIMENSIONS USED ARE TAKEN FROM THE HANDBOOK, AS WELL AS THE LATEST EDITION OF THE VIRGINIA DEPARTMENT OF TRANSPORTATION'S ROAD AND BRIDGE STANDARDS.

A. EROSION CONTROL MEASURES

1. C-ECM-15 OUTLET PROTECTION: OUTLET PROTECTION TAKES THE FORM OF STRUCTURALLY LINED APRONS OR OTHER FORMS OF ENERGY-DISSIPATING DEVICES PLACED AT THE OUTLETS OF PIPES, CURB OPENINGS, DITCH TURNOUTS, OR PAVED CHANNEL SECTIONS TO SLOW DISCHARGE VELOCITY FROM THE OUTLET TO PREVENT AN EROSIVE CONDITION.

B. SEDIMENT CONTROL MEASURES

1. C-SCM-03 TEMPORARY STONE CONSTRUCTION ENTRANCE: A TEMPORARY STONE CONSTRUCTION ENTRANCE IS A PAD WITH A FABRIC FILTER LINER UNDERNEATH THE STONE LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON A CONSTRUCTION SITE. THERE ARE SEVERAL TYPES OF TRACK-OUT CONTROLS THAT MINIMIZE THE AMOUNT OF SEDIMENT, SUCH AS DIRT OR MUD, LEAVING OR BEING TRACKED OUT FROM THE CONSTRUCTION SITE ATTACHED TO VEHICLES.
2. C-SCM-04 INLET PROTECTION: INLET PROTECTION IS A SEDIMENT FILTER OR AN EXCAVATED IMPOUNDING AREA AROUND A STORM DRAIN DROP INLET OR CURB INLET.
3. C-SCM-13 CONCRETE WASHOUT PIT: A CONCRETE WASHOUT PIT IS A TEMPORARY EXCAVATED OR ABOVE-GROUND LINED CONSTRUCTED PIT OR A PREFABRICATED OR FABRICATED CONTAINER IN WHICH CONCRETE TRUCK MIXERS AND EQUIPMENT CAN BE WASHED AFTER THEIR LOADS HAVE BEEN DISCHARGED TO PREVENT HIGHLY ALKALINE RUNOFF FROM ENTERING STORM DRAINAGE SYSTEMS OR LEACHING INTO SOIL.

C. SURFACE STABILIZATION MEASURES

1. C-SSM-01 TREE PRESERVATION AND PROTECTION: TREE PRESERVATION AND PROTECTION IS THE PROTECTION OF DESIRABLE TREES FROM MECHANICAL AND OTHER TYPES OF INJURY DURING LAND DISTURBANCE AND CONSTRUCTION.
2. C-SSM-02 TOPSOILING: TOPSOIL IS DEFINED AS THE A AND E HORIZONS OF THE EXISTING MINERAL SOIL PROFILE. WELL HUMIFIED LITTER LAYER (O HORIZON) MATERIAL MAY ALSO BE INCLUDED BUT NOT FRESH OR PARTIALLY DECOMPOSED LITTER. TOPSOILING AS A CONSTRUCTION BEST MANAGEMENT PRACTICE (BMP) ENTAILS PRESERVING AND USING THE SURFACE LAYER OF UNDISTURBED SOIL, OFTEN ENRICHED IN ORGANIC MATTER, TO OBTAIN A MORE DESIRABLE PLANTING AND GROWTH MEDIUM AND ENHANCE FINAL SITE STABILIZATION.
5. C-SSM-05 SOIL STABILIZATION BLANKETS AND MATTING: SOIL STABILIZATION BLANKETS AND MATTING ARE A FORM OF PROTECTIVE BLANKET (TREATMENT 1 OR SOIL STABILIZATION MATTING (TREATMENT II) ON A PREPARED PLANTING AREA OF A STEEP SLOPE, CHANNEL, OR SHORELINE.
6. C-SSM-09 TEMPORARY SEEDING: THE ESTABLISHMENT OF A TEMPORARY VEGETATIVE COVER ON DISTURBED AREAS BY SEEDING WITH APPROPRIATE RAPIDLY GROWING ANNUAL PLANTS.
7. C-SSM-10 PERMANENT SEEDING: PERMANENT SEEDING IS THE ESTABLISHMENT OF PERENNIAL VEGETATIVE COVER ON DISTURBED AREAS BY PLANTING SEED.
8. C-SSM-11 MULCHING: MULCHING IS THE APPLICATION OF A PROTECTIVE BLANKET OF STRAW OR OTHER PLANT RESIDUES/MATERIALS TO THE SOIL SURFACE DURING THE ESTABLISHMENT OF TEMPORARY AND PERMANENT SEEDING.

D. PERIMETER CONTROL MEASURE

1. C-PCM-04 SILT FENCE: SILT FENCE (AND ITS DERIVATIVES WIRE-SUPPORTED (REINFORCED) AND SUPER SILT FENCE) IS A TEMPORARY SEDIMENT BARRIER CONSISTING OF A SYNTHETIC FILTER FABRIC ENTRENCHED AND STRETCHED ACROSS AND ATTACHED TO SUPPORTING POSTS.

E. ENVIRONMENTALLY SENSITIVE AREA PROTECTION

1. C-ENV-15 SEEDING, MULCHING, AND SOIL STABILIZATION (WETLANDS/STREAMS): SEEDING, MULCHING, AND SOIL STABILIZATION FOR WETLANDS AND STREAMS INVOLVES ESTABLISHMENT OF PERENNIAL VEGETATIVE COVER ON DISTURBED AREAS BY PLANTING SEED; APPLYING A PROTECTIVE BLANKET OF MULCH TO THE SOIL SURFACE DURING THE ESTABLISHMENT OF SEEDING; AND PLANTING OF FORB, SHRUBS, AND/OR TREES IN STREAM AND/OR WETLAND AREAS DURING RESTORATION.

VIII. 9VAC25-875-560 MINIMUM STANDARDS

MS-1 STABILIZATION OF DENUDED AREAS:
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 STABILIZATION OF SOIL STOCKPILES:
DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES 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.

MS-3 PERMANENT VEGETATIVE COVER:
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 TIMING AND STABILIZATION OF SILT TRAPPING MEASURES:
SEDIMENT BASINS AND 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 CONCENTRATED RUNOFF DOWN CUT OR FILLED SLOPES:
STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.

MS-6 SEDIMENT BASINS AND TRAPS:
SEDIMENT TRAPS AND SEDIMENT BASINS SHALL BE DESIGNED AND CONSTRUCTED BASED UPON THE TOTAL DRAINAGE AREA TO BE SERVED BY THE TRAP OR BASIN.
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.
B. SURFACE RUNOFF FROM DISTURBED AREAS THAT IS COMPRISED OF FLOW FROM DRAINAGE AREAS GREATER THAN OR EQUAL TO THREE ACRES SHALL BE CONTROLLED BY A SEDIMENT BASIN. THE MINIMUM STORAGE CAPACITY OF A SEDIMENT BASIN SHALL BE 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA. THE OUTFALL SYSTEM SHALL, AT A MINIMUM, MAINTAIN THE STRUCTURAL INTEGRITY OF THE BASIN DURING A 25-YEAR STORM OF 24-HOUR DURATION. RUNOFF COEFFICIENTS USED IN RUNOFF CALCULATIONS SHALL CORRESPOND TO A BARE EARTH CONDITION OR THOSE CONDITIONS EXPECTED TO EXIST WHILE THE SEDIMENT BASIN IS UTILIZED.

MS-7 CUT AND FILL SLOPES:
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 DOWN CUT OR FILL SLOPES:
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 WATER SEEPAGE FROM A SLOPE FACE:
WHENEVER WATER SEEPS FROM A SLOPE FACE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHALL BE PROVIDED.

MS-10 STORM SEWER INLET PROTECTION:
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 STABILIZATION OF OUTLETS:
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.

MS-12 WORK IN LIVE WATERCOURSES:
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.

MS-13 CROSSING A LIVE WATERCOURSE:
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.

MS-14 APPLICABLE REGULATIONS:
ALL APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS PERTAINING TO WORKING IN OR CROSSING LIVE WATERCOURSES SHALL BE MET.

MS-15 STABILIZATION OF BED AND BANKS:
THE BED AND BANKS OF A WATERCOURSE SHALL BE STABILIZED IMMEDIATELY AFTER WORK IN THE WATERCOURSE IS COMPLETED.

MS-16 UNDERGROUND UTILITIES:
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 THIS CHAPTER.
F. APPLICABLE SAFETY REQUIREMENTS SHALL BE COMPLIED WITH.

MS-17 CONSTRUCTION ACCESS ROUTES:
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 TEMPORARY E&S CONTROL MEASURE REMOVAL:
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 VESCP 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 ADEQUACY OF RECEIVING CHANNELS:
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 FOLLOWING STANDARDS AND CRITERIA. STREAM RESTORATION AND RELOCATION PROJECTS THAT INCORPORATE NATURAL CHANNEL DESIGN CONCEPTS ARE NOT MAN-MADE CHANNELS AND SHALL BE EXEMPT FROM ANY FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS FOR NATURAL OR MAN-MADE CHANNELS:
A. CONCENTRATED STORMWATER RUNOFF LEAVING A DEVELOPMENT SITE SHALL BE DISCHARGED DIRECTLY INTO AN ADEQUATE NATURAL OR MAN-MADE RECEIVING CHANNEL, PIPE OR STORM SEWER SYSTEM. FOR THOSE SITES WHERE RUNOFF IS DISCHARGED INTO A PIPE OR PIPE SYSTEM, DOWNSTREAM STABILITY ANALYSES AT THE OUTFALL OF THE PIPE OR PIPE SYSTEM SHALL BE PERFORMED.
B. ADEQUACY OF ALL CHANNELS AND PIPES SHALL BE VERIFIED IN THE FOLLOWING MANNER:
(1) THE APPLICANT SHALL DEMONSTRATE THAT THE TOTAL DRAINAGE AREA TO THE POINT OF ANALYSIS WITHIN THE CHANNEL IS ONE HUNDRED TIMES GREATER THAN THE CONTRIBUTING DRAINAGE AREA OF THE PROJECT IN QUESTION; OR
(2) (A) NATURAL CHANNELS SHALL BE ANALYZED BY THE USE OF A TWO-YEAR STORM TO VERIFY THAT STORMWATER WILL NOT OVERTOP CHANNEL BANKS NOR CAUSE EROSION OF CHANNEL BED OR BANKS.
(B) ALL PREVIOUSLY CONSTRUCTED MAN-MADE CHANNELS SHALL BE ANALYZED BY THE USE OF A TEN-YEAR STORM TO VERIFY THAT STORMWATER WILL NOT OVERTOP ITS BANKS AND BY THE USE OF A TWO-YEAR STORM TO DEMONSTRATE THAT STORMWATER WILL NOT CAUSE EROSION OF CHANNEL BED OR BANKS; AND
(C) PIPES AND STORM SEWER SYSTEMS SHALL BE ANALYZED BY THE USE OF A TEN-YEAR STORM TO VERIFY THAT STORMWATER WILL BE CONTAINED WITHIN THE PIPE OR SYSTEM.
C. IF EXISTING NATURAL RECEIVING CHANNELS OR PREVIOUSLY CONSTRUCTED MAN-MADE CHANNELS OR PIPES ARE NOT ADEQUATE, THE APPLICANT SHALL:
(1) IMPROVE THE CHANNELS TO A CONDITION WHERE A TEN-YEAR STORM WILL NOT OVERTOP THE BANKS AND A TWO-YEAR STORM WILL NOT CAUSE EROSION TO THE CHANNEL, THE BED, OR THE BANKS; OR
(2) IMPROVE THE PIPE OR PIPE SYSTEM TO A CONDITION WHERE THE TEN-YEAR STORM IS CONTAINED WITHIN THE APPURTENANCES;
(3) DEVELOP A SITE DESIGN THAT WILL NOT CAUSE THE PRE-DEVELOPMENT PEAK RUNOFF RATE FROM A TWO-YEAR STORM TO INCREASE WHEN RUNOFF OUTFALLS INTO A NATURAL CHANNEL OR WILL NOT CAUSE THE PRE-DEVELOPMENT PEAK RUNOFF RATE FROM A TEN-YEAR STORM TO INCREASE WHEN RUNOFF OUTFALLS INTO A MAN-MADE CHANNEL; OR
(4) PROVIDE A COMBINATION OF CHANNEL IMPROVEMENT, STORMWATER DETENTION OR OTHER MEASURES WHICH IS SATISFACTORY TO THE VESCP AUTHORITY TO PREVENT DOWNSTREAM EROSION.
D. THE APPLICANT SHALL PROVIDE EVIDENCE OF PERMISSION TO MAKE THE IMPROVEMENTS.
E. ALL HYDROLOGIC ANALYSES SHALL BE BASED ON THE EXISTING WATERSHED CHARACTERISTICS AND THE ULTIMATE DEVELOPMENT CONDITION OF THE SUBJECT PROJECT.
F. IF THE APPLICANT CHOOSES AN OPTION THAT INCLUDES STORMWATER DETENTION, HE SHALL OBTAIN APPROVAL FROM THE VESCP OF A PLAN FOR MAINTENANCE OF THE DETENTION FACILITIES. THE PLAN SHALL SET FORTH THE MAINTENANCE REQUIREMENTS OF THE FACILITY AND THE PERSON RESPONSIBLE FOR PERFORMING THE MAINTENANCE.
G. OUTFALL FROM A DETENTION FACILITY SHALL BE DISCHARGED TO A RECEIVING CHANNEL, AND ENERGY DISSIPATORS SHALL BE PLACED AT THE OUTFALL OF ALL DETENTION FACILITIES AS NECESSARY TO PROVIDE A STABILIZED TRANSITION FROM THE FACILITY TO THE RECEIVING CHANNEL.
H. ALL ON-SITE CHANNELS MUST BE VERIFIED TO BE ADEQUATE.
I. INCREASED VOLUMES OF SHEET FLOWS THAT MAY CAUSE EROSION OR SEDIMENTATION ON ADJACENT PROPERTY SHALL BE DIVERTED TO A STABLE OUTLET, ADEQUATE CHANNEL, PIPE OR PIPE SYSTEM, OR TO A DETENTION FACILITY.
J. IN APPLYING THESE STORMWATER MANAGEMENT CRITERIA, INDIVIDUAL LOTS OR PARCELS IN A RESIDENTIAL, COMMERCIAL OR INDUSTRIAL DEVELOPMENT SHALL NOT BE CONSIDERED TO BE SEPARATE DEVELOPMENT PROJECTS. INSTEAD, THE DEVELOPMENT, AS A WHOLE, SHALL BE CONSIDERED TO BE A SINGLE DEVELOPMENT PROJECT. HYDROLOGIC PARAMETERS THAT REFLECT THE ULTIMATE DEVELOPMENT CONDITION SHALL BE USED IN ALL ENGINEERING CALCULATIONS.
K. ALL MEASURES USED TO PROTECT PROPERTIES AND WATERWAYS SHALL BE EMPLOYED IN A MANNER WHICH MINIMIZES IMPACTS ON THE PHYSICAL, CHEMICAL AND BIOLOGICAL INTEGRITY OF RIVERS, STREAMS AND OTHER WATERS OF THE STATE.
L. ANY PLAN APPROVED PRIOR TO JULY 1, 2014, THAT PROVIDES FOR STORMWATER MANAGEMENT THAT ADDRESSES ANY FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS FOR NATURAL OR MAN-MADE CHANNELS SHALL SATISFY THE FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS FOR NATURAL OR MAN-MADE CHANNELS IF THE PRACTICES ARE DESIGNED TO (I) DETAIN THE WATER QUALITY VOLUME AND TO RELEASE IT OVER 48 HOURS; (II) DETAIN AND RELEASE OVER A 24-HOUR PERIOD THE EXPECTED RAINFALL RESULTING FROM THE ONE YEAR, 24-HOUR STORM; AND (III) REDUCE THE ALLOWABLE PEAK FLOW RATE RESULTING FROM THE 1.5, 2, AND 10-YEAR, 24-HOUR STORMS TO A LEVEL THAT IS LESS THAN OR EQUAL TO THE PEAK FLOW RATE FROM THE SITE ASSUMING IT WAS IN A GOOD FORESTED CONDITION, ACHIEVED THROUGH MULTIPLICATION OF THE FORESTED PEAK FLOW RATE BY A REDUCTION FACTOR THAT IS EQUAL TO THE RUNOFF VOLUME FROM THE SITE WHEN IT WAS IN A GOOD FORESTED CONDITION DIVIDED BY THE RUNOFF VOLUME FROM THE SITE IN ITS PROPOSED CONDITION, AND SHALL BE EXEMPT FROM ANY FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS FOR NATURAL OR MAN-MADE CHANNELS AS DEFINED IN ANY REGULATIONS PROMULGATED PURSUANT TO § 62.1-44.15:28 OF THE CODE OF VIRGINIA (VESMA) OR 62.1-44.15:65 OF THE CODE OF VIRGINIA (ESCL).
M. FOR PLANS APPROVED ON AND AFTER JULY 1, 2014, THE FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS OF § 62.1-44.15:52 A OF THE CODE OF VIRGINIA (ESCL) AND THIS SUBDIVISION 19 SHALL BE SATISFIED BY COMPLIANCE WITH WATER QUANTITY REQUIREMENTS IN THE VESMA AND ATTENDANT REGULATIONS, UNLESS SUCH LAND-DISTURBING ACTIVITIES (i) ARE IN ACCORDANCE WITH PROVISIONS FOR THE TIME LIMITS ON APPLICABILITY OF APPROVED DESIGN CRITERIA IN 9VAC25-875-480 OR GRANDFATHERING IN 9VAC25-875-490, IN WHICH CASE THE FLOW RATE CAPACITY AND VELOCITY REQUIREMENTS OF § 62.1-44.15:52 A OF THE CODE OF VIRGINIA (ESCL) SHALL APPLY; OR (ii) ARE EXEMPT PURSUANT TO § 62.1-44.15:34 G 2 OF THE CODE OF VIRGINIA (VESMA).
N. COMPLIANCE WITH THE WATER QUANTITY MINIMUM STANDARDS SET OUT IN 9VAC25-870-600 OF THE VIRGINIA STORMWATER MANAGEMENT PROGRAM (VSMP) REGULATIONS SHALL BE DEEMED TO SATISFY THE REQUIREMENTS OF SUBDIVISION 19 OF THIS SUBSECTION.

IX. OPERATIONS AND MAINTENANCE CONSIDERATIONS:

ALL EROSION AND SEDIMENT CONTROL STRUCTURES AND SYSTEMS SHALL BE MAINTAINED, INSPECTED, AND REPAIRED AS NEEDED TO INSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CHECKED AT THE END OF EACH DAY AND AFTER EVERY RAINFALL EVENT.

A. EROSION CONTROL MEASURES

1. C-ECM-15 OUTLET PROTECTION: INSPECT RIPRAP OUTLET STRUCTURES WEEKLY AND AFTER SIGNIFICANT (0.5-INCH OR GREATER) RAINFALL EVENTS TO IDENTIFY ANY EROSION AROUND OR BELOW THE RIPRAP OR IF STONES HAVE BEEN DISLODGED. IMMEDIATELY DO ALL NEEDED REPAIRS TO PREVENT FURTHER DAMAGE. ACCUMULATED SEDIMENT AND DEBRIS MUST BE REMOVED.

B. SEDIMENT CONTROL MEASURES

1. C-SCM-03 TEMPORARY STONE CONSTRUCTION ENTRANCE: INSPECT THE CONSTRUCTION ENTRANCE WEEKLY AND IMMEDIATELY AFTER EACH RAINFALL. MAINTAIN THE ENTRANCE TO PREVENT TRACKING OR FLOW OF DIRT, MUD, OR SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY, INCLUDING PERIODIC TOP DRESSING WITH ADDITIONAL STONE AND REPAIR OR CLEANOUT OF STRUCTURES THAT TRAP SEDIMENT OR BOTH. MAINTAIN A STOCKPILE OF ROCK AT THE SITE FOR TOP DRESSING PURPOSES. MUD AND SOIL PARTICLES WILL EVENTUALLY CLOG THE VOIDS IN THE STONE AND COMPROMISE THE EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE. WHEN THIS OCCURS, TOP DRESS THE PAD WITH NEW STONE. COMPLETE STONE REPLACEMENT IS NECESSARY WHEN THE PAD BECOMES WHOLLY CLOGGED WITH SEDIMENT AND THE TOPDRESSING IS NO LONGER EFFECTIVE AT REMOVING ACCUMULATED SEDIMENT FROM TIRES. IMMEDIATELY REMOVE ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR STORM DRAINS. DO NOT USE WATER TRUCKS TO REMOVE MATERIALS DROPPED, WASHED, OR TRACKED ONTO ROADWAYS UNDER ANY CIRCUMSTANCES. IMMEDIATELY REMOVE STONES FROM THE ADJOINING ROADWAY THAT CONSTRUCTION TRAFFIC DISLODGED FROM THE ENTRANCE. MAINTAIN THE AREA UNDER THE WASH RACK FREE OF ACCUMULATED SEDIMENT. REPAIR OR REPLACE THE WASH RACK IF IT BECOMES DAMAGED.
2. C-SCM-04 INLET PROTECTION: ROUTINE INSPECTION AND MAINTENANCE ARE CRITICAL TO ENSURING THE ADEQUATE PERFORMANCE OF INLET PROTECTION. INCLUDE THE FOLLOWING ACTIVITIES AS PART OF ANY MAINTENANCE PROGRAM (MINNESOTA POLLUTION CONTROL AGENCY 2023): INSPECT ALL INLET PROTECTION DEVICES AT LEAST TWICE WEEKLY (72 HOURS OR MORE BETWEEN EACH INSPECTION) AND AFTER EVERY SIGNIFICANT RAINFALL EVENT (0.25 INCH OR MORE). DURING EXTENDED RAINFALL EVENTS, INSPECT INLET PROTECTION DEVICES AT LEAST ONCE EVERY 24 HOURS. REPLACE CLOGGED AGGREGATE OR FILTER FABRIC IMMEDIATELY. LOOK FOR DAMAGE OR TEARS TO FABRIC CAUSED BY LARGE FLOWS. INSPECT DOWNSTREAM INLETS, PIPES, AND OTHER INFRASTRUCTURE AFTER SEVERE STORMS TO CHECK FOR BYPASSED MATERIAL. REMOVE SEDIMENT FROM TEMPORARY INLET PROTECTION METHODS WHEN SEDIMENT REACHES DEPTHS OF 2 OR 3 INCHES. MORE FREQUENT SEDIMENT REMOVAL IS REQUIRED FROM PAVED AREAS SUCH AS STREETS OR PARKING LOTS. REMOVE ALL INLET PROTECTION DEVICES WITHIN 30 DAYS AFTER THE SITE IS STABILIZED, OR WHEN THE INLET PROTECTION IS NO LONGER NEEDED. BRING THE DISTURBED AREA TO FINAL GRADE AND APPROPRIATELY STABILIZE ALL BARE AREAS AROUND THE INLET WITH VEGETATION. CLEAN STORM DRAINAGE SYSTEM OF SEDIMENT AND DEBRIS BEFORE FINAL INSPECTION. IN KARST AREAS, INSPECT EXCAVATED DROP INLET SEDIMENT TRAPS REGULARLY AND AFTER EACH PRECIPITATION EVENT FOR SUBSIDENCE. SUBSIDENCE IS A CRITERION OF FAILURE. AS SUCH, MITIGATE SUBSIDENCE IMMEDIATELY USING THE APPROPRIATE ENGINEERING PRACTICE.
3. C-SCM-13 CONCRETE WASHOUT PIT: INSPECT ALL CONCRETE WASHOUT FACILITIES DAILY. DEACTIVATE AND REPAIR OR REPLACE DAMAGED OR LEAKING FACILITIES IMMEDIATELY. PUMP EXCESS RAINWATER THAT HAS ACCUMULATED OVER HARDENED CONCRETE TO A STABILIZED AREA SUCH AS A GRASS FILTER STRIP. REMOVE ACCUMULATED HARDENED MATERIAL WHEN 75% OF THE STORAGE CAPACITY OF THE STRUCTURE IS FILLED. PUMP ANY EXCESS WASH WATER INTO A CONTAINMENT VESSEL AND PROPERLY DISPOSED OF OFF-SITE. DISPOSE OF THE HARDENED MATERIAL OFF SITE IN A CONSTRUCTION/DEMOLITION LANDFILL. THE HARDENED CONCRETE MAY BE RECYCLED BY CRUSHING AND REUSING THE CRUSHED CONCRETE AS CONSTRUCTION MATERIAL. THE CRUSHED CONCRETE MATERIAL MAKES AN EXCELLENT AGGREGATE FOR ROAD BASE AND CAN BE USED AS FILL AT THE CONSTRUCTION SITE IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS OR DELIVERED TO A RECYCLER. CONCRETE RECYCLERS CAN BE FOUND AT MUNICIPAL SOLID WASTE DISPOSAL FACILITIES, PRIVATE RECYCLING PLANTS, OR LARGE CONSTRUCTION SITES. REPLACE THE PLASTIC LINER WITH EACH CLEANING OF THE WASHOUT FACILITY. INSPECT THE PROJECT SITE FREQUENTLY TO ENSURE THAT CONCRETE IS NOT BEING DISCHARGED IN NON-DESIGNATED AREAS. BEFORE FORECASTED RAINSTORMS, REMOVE LIQUIDS OR COVER THE STRUCTURE TO PREVENT OVERFLOWS.

C. SURFACE STABILIZATION MEASURES

1. C-SSM-01 TREE PRESERVATION AND PROTECTION: DESPITE PRECAUTIONS, SOME PROTECTED TREES MAY SUFF

EROSION & SEDIMENT CONTROL NARRATIVE (CONT.)

E. ENVIRONMENTALLY SENSITIVE AREA PROTECTION

1. C-ENV-15 SEEDING, MULCHING, AND SOIL STABILIZATION (WETLANDS/STREAMS): EVEN WITH CAREFUL, WELL-PLANNED SEEDING OPERATIONS, FAILURES CAN OCCUR. WHEN PLANTS HAVE NOT GERMINATED ON AN AREA OR HAVE DIED, RESEED THESE AREAS IMMEDIATELY TO PREVENT EROSION DAMAGE. HOWEVER, IT IS EXTREMELY IMPORTANT TO DETERMINE WHY GERMINATION FAILED AND TAKE ANY CORRECTIVE ACTION NECESSARY BEFORE RESEEDING THE AREA. HEALTHY VEGETATION IS THE MOST EFFECTIVE EROSION CONTROL AVAILABLE. INSPECT ALL MULCHES AND SOIL COVERINGS PERIODICALLY AND AFTER RAINSTORM EVENTS TO CHECK FOR EROSION. WHERE EROSION IS OBSERVED IN MULCHED AREAS, APPLY ADDITIONAL MULCH. INSPECT MULCHES UNTIL GRASSES ARE FIRMLY ESTABLISHED.

X. PERMANENT STABILIZATION

ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE STABILIZED WITH SEEDING FOLLOWING GRADING IN ACCORDANCE WITH THE MINIMUM STANDARDS. SEEDING SHALL BE IN ACCORDANCE WITH THE TEMPORARY OR PERMANENT SEEDING SCHEDULES SHOWN ON THIS SHEET. IN ALL SEEDING OPERATIONS, TOPSOIL, SEED, FERTILIZER AND LIME SHALL BE APPLIED PRIOR TO INSTALLATION OF MULCHING OR EROSION CONTROL BLANKETS AND MATTING.

XI. WATER QUANTITY COMPLIANCE

THE PROJECT SITE IS LESS THAN 1 ACRE OF DISTURBANCE AND NOT A PART OF A COMMON PLAN OF DEVELOPMENT; THEREFORE, STORMWATER QUANTITY REQUIREMENTS DO NOT APPLY TO THIS PROJECT.

XII. WATER QUALITY COMPLIANCE

THE PROJECT SITE IS LESS THAN 1 ACRE OF DISTURBANCE AND NOT A PART OF A COMMON PLAN OF DEVELOPMENT; THEREFORE, STORMWATER QUALITY REQUIREMENTS DO NOT APPLY TO THIS PROJECT.

XIII. SEQUENCE(S) OF CONSTRUCTION

GENERAL PROJECT SEQUENCE OF CONSTRUCTION

1. INSTALL EROSION AND SEDIMENT CONTROL AND BEST MANAGEMENT PRACTICES AS IS PRACTICABLE.
2. CLEAR THE PLANNED DISTURBED AREA AND REMOVE DEBRIS TO A SUITABLE LOCATION.
3. INSTALL UTILITIES, INLET AND OUTLET PROTECTION AS IS PRACTICABLE.
4. BRING GRADES TO DESIRED ELEVATION.
5. BEGIN BUILDING CONSTRUCTION
6. STABILIZE ALL DISTURBED AREAS WITH PERMANENT VEGETATION.
7. APPLY SURFACE TREATMENT AS DESIGNED.
8. EROSION CONTROL DEVICES SHALL REMAIN IN PLACE UNTIL RELEASED BY THE GOVERNING AGENCY.
9. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES.
10. STABILIZE AREAS AFFECTED BY THE REMOVAL OF TEMPORARY E&S MEASURES.

VIRGINIA EROSION AND SEDIMENT CONTROL NOTES

ES-1: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK" AND THE VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.

ES-2: THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE PRE-CONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

ES-3: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CLEARING.

ES-4: A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED 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, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR MUST SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.

ES-6: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING AUTHORITY.

ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

ES-8: THE CONTRACTOR MUST INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES MUST BE MADE IMMEDIATELY.

ES-9: INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFFPRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY. AN INSPECTION REPORT MUST BE FILED WITH THE DEQ EROSION & SEDIMENT CONTROL ADMINISTRATOR ONCE EVERY TWO WEEKS, BEGINNING WITH COMMENCEMENT OF THE LAND DISTURBING ACTIVITY, AND WITHIN 48 HOURS OF ANY RUNOFF-PRODUCING RAINFALL EVENT. FAILURE TO SUBMIT A REPORT WILL BE GROUNDS FOR IMMEDIATE REVOCATION OF THE LAND DISTURBING PERMIT. REPORTS MUST BE POSTMARKED WITHIN 24 HOURS OF THE DEADLINE. A STANDARD INSPECTION REPORT FORM WILL BE SUPPLIED, WHICH SHOULD BE COPIED AS NECESSARY. THIS PROVISION IN NO WAY WAIVES THE RIGHT OF DEQ PERSONNEL TO CONDUCT SITE INSPECTIONS, NOR DOES IT DENY THE RIGHT OF THE PERMITTEE(S) TO ACCOMPANY THE INSPECTOR(S).

GENERAL EROSION AND SEDIMENT CONTROL NOTES

THE PURPOSE OF THE EROSION CONTROL MEASURES SHOWN ON THESE PLANS IS TO PRECLUDE THE TRANSPORT OF ALL WATERBORNE SEDIMENTS RESULTING FROM CONSTRUCTION ACTIVITIES FROM ENTERING ONTO ADJACENT PROPERTIES OR STATE WATERS. IF FIELD INSPECTION REVEALS THE INADEQUACY OF THE PLAN TO CONFINE SEDIMENT TO THE PROJECT SITE, APPROPRIATE MODIFICATIONS WILL BE MADE TO CORRECT ANY PLAN DEFICIENCIES.

1. THE CONTRACTOR MUST BE THOROUGHLY FAMILIAR WITH ALL APPROVED PROCEDURES, WHICH MAY BE PERTINENT TO THE PROJECT. MAINTENANCE WILL INCLUDE THE REPAIR OF MEASURES DAMAGED BY ANY SUBCONTRACTOR INCLUDING THOSE OF THE PUBLIC UTILITY COMPANIES. SUPPLY DEQ WITH THE NAME OF THE INDIVIDUAL RESPONSIBLE FOR ENSURING MAINTENANCE OF INSTALLED MEASURES ON A DAILY BASIS PRIOR TO THE PRE-CONSTRUCTION MEETING.
2. SEDIMENT CONTROL DEVICES NOT LOCATED IN PROPOSED FILL OR EXCAVATION AREAS MUST BE CONSTRUCTED PRIOR TO ALL OTHER LAND DISTURBANCE. A PRE-CONSTRUCTION MEETING WILL BE HELD AT THE SITE TO IDENTIFY THOSE MEASURES TO BE INITIALLY INSTALLED.
3. SURFACE FLOWS OVER CUT AND FILL SLOPES MUST BE CONTROLLED BY REDIRECTING FLOWS FROM TRAVERSING THE SLOPES.
4. SEDIMENT CONTROL MEASURES MAY REQUIRE MINOR FIELD ADJUSTMENTS AT THE TIME OF CONSTRUCTION TO ENSURE THEIR INTENDED PURPOSE IS ACCOMPLISHED. COR APPROVAL WILL BE REQUIRED FOR OTHER DEVIATION FROM THE APPROVED PLANS.
5. TEMPORARY STOCKPILES OF SOIL / TOPSOIL EXCAVATED DURING SITE CONSTRUCTION ARE ANTICIPATED. EXCESS SOIL / TOPSOIL MUST BE KEPT ONSITE AT A TEMPORARY LOCATION IN ACCORDANCE WITH STATE AND FEDERAL LAW AND THE SWPPP FOR CONSTRUCTION WASTE.
6. THE CONTRACTOR MUST COMPLETE DRAINAGE FACILITIES WITHIN 30 DAYS FOLLOWING COMPLETION OF ROUGH GRADING AT ANY POINT WITHIN THE PROJECT. THE INSTALLATION OF DRAINAGE FACILITIES MUST TAKE PRECEDENCE OVER ALL UNDERGROUND UTILITIES. OUTFALL DITCHES FROM DRAINAGE STRUCTURES MUST BE STABILIZED IMMEDIATELY AFTER CONSTRUCTION OF SAME. THIS INCLUDES INSTALLATION OF EROSION CONTROL STONE WHERE REQUIRED.
7. TEMPORARY VEGETATIVE COVER MUST BE PROVIDED IN ALL AREAS WHICH ARE NOT DESIGNATED FOR PAVING, UNDERGROUND UTILITIES, OR STRUCTURAL USES. SUCH AREAS MUST NOT BE EXPOSED FOR PERIODS EXCEEDING 14 DAYS. TEMPORARY VEGETATIVE COVER MAY BE ELIMINATED IN FAVOR OF FINAL VEGETATIVE COVER IF CONSTRUCTION AND SEASONAL CONDITIONS PERMIT.
8. ALL AREAS DESIGNATED FOR PAVING, UNDERGROUND UTILITIES, AND STRUCTURAL USE MUST BE COMPACTED, SEEDED, AND MULCHED AS SOON AS POSSIBLE BUT NOT EXCEEDING 14 DAYS FOLLOWING INSTALLATION. NO MORE THAN 500' OF UTILITY TRENCHES ARE TO BE OPEN AT ONE TIME.
9. THE TERM SEEDING, FINAL VEGETATIVE COVER OR STABILIZATION, ON THIS PLAN MUST MEAN THE SUCCESSFUL GERMINATION AND ESTABLISHMENT OF A STABLE GRASS COVER FROM A PROPERLY PREPARED SEEDBED CONTAINING THE SPECIFIED AMOUNTS OF SEED, LIME, AND FERTILIZER. IRRIGATION MUST BE REQUIRED AS NECESSARY TO ENSURE ESTABLISHMENT OF GRASS COVER.
10. INLET PROTECTION MUST BE PROVIDED FOR ALL STORM DRAIN INLETS AS SOON AS PRACTICAL FOLLOWING CONSTRUCTION OF SAME.
11. BASE COURSE MATERIAL MUST BE PLACED IN ALL PAVED AREAS WITHIN 30 DAYS OF FINAL GRADING.
12. TEMPORARY EROSION CONTROL MEASURES ARE NOT TO BE REMOVED UNTIL ALL DISTURBED AREAS ARE STABILIZED. AFTER STABILIZATION IS COMPLETE, ALL MEASURES MUST BE REMOVED WITHIN 30 DAYS. TRAPPED SEDIMENT MUST BE SPREAD AND SEEDED.
13. SEED AND MULCH AND PROVIDE TOPSOIL TO ALL DISTURBED AREAS THAT WILL NOT BE COVERED WITH PAVEMENT.

(TS) TEMPORARY SEEDING SCHEDULE

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

(PS) PERMANENT SEEDING SCHEDULE

SITE SPECIFIC SEEDING MIXTURES FOR APPALACHIAN/MOUNTAIN AREA

	TOTAL POUNDS PER ACRE
MINIMUM LAWN CARE (COMMERCIAL OR RESIDENTIAL)	200-250 LBS
KENTUCKY 31 OR TURF-TYPE TALL FESCUE	95-100%
IMPROVED PERENNIAL RYEGRASS*	0-10%
KENTUCKY BLUEGRASS	0-10%
HIGH MAINTENANCE LAWN CARE	
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
INDIAN GRASS	2 LBS
SEASONAL NURSE CROP**	20 LBS
	150 LBS
LOW MAINTENANCE SLOPE (STEEPER THAN 3:1)	
KENTUCKY 31 FESCUE	108 LBS
ROUNDHEADED BUSHCLOVER	2 LBS
SEASONAL NURSE CROP**	20 LBS
INDIAN GRASS	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:

ANNUAL RYE:	MARCH, APRIL THROUGH MAY 15TH
FOXTAIL MILLET:	MAY 16TH THROUGH AUGUST 15TH
ANNUAL RYE:	AUGUST 16TH THROUGH SEPTEMBER, OCTOBER
WINTER RYE:	NOVEMBER THROUGH FEBRUARY

LIME & FERTILIZER SPECIFICATIONS:

A SOILS TEST IS REQUIRED PRIOR TO FINAL SITE STABILIZATION, TO DETERMINE LIME AND FERTILIZER APPLICATION RATES FOR THE ESTABLISHMENT OF GRASS ON SITE. CONTACT VIRGINIA COOPERATIVE EXTENSION OR A GEOTECHNICAL FIRM WITH SOIL TESTING FACILITIES TO OBTAIN A SOILS REPORT FOR NUTRIENT APPLICATION.

INCORPORATION:
LIME AND FERTILIZER SHALL BE INCORPORATED INT0 THE TOP 4 INCHES OF TOPSOIL BY DISCING OR OTHER MEANS WHENEVER POSSIBLE. FOR EROSION CONTROL, WHEN APPLYING LIME AND FERTILIZER WITH A HYDROSEEDER, APPLY TO A ROUGH, LOOSE SURFACE.

MULCHING:
MULCH WITH STRAW AT A RATE OF 2 TONS/ACRE OR EQUIVALENT.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 5/14/2025
DRAWN: AAB DESIGN: JRM
CHECK: WRM

SHEET TITLE
EROSION AND SEDIMENT CONTROL NOTES

SHT. NO. C-003
REV. NO. 0

12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-003.dwg

GENERAL PLAN NOTES

1	SEE SHEET C-001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.

DEMOLITION KEYNOTES

1	DEMOLISH BUILDING AND FULL DEPTH FOUNDATION
2	SAWCUT AND DEMOLISH CONCRETE
3	SAWCUT AND DEMOLISH ASPHALT PAVEMENT
4	DEMOLISH GRAVEL
5	DEMOLISH STAIRS
6	REMOVE FENCE
7	REMOVE PAVEMENT MARKING

DEMOLITION KEYNOTES (CONT.)

8	REMOVE AND STORE WOOD GUARDRAIL
9	DEMOLISH BLOCK RETAINING WALL
10	DEMOLISH UNDERGROUND ELECTRIC LINE
11	DEMOLISH HANDRAIL
12	ABANDON PIPE AT MANHOLE AND FILL PIPE WITH FLOWABLE FILL; SEE DETAIL S-12 ON SHEET C-503
13	REMOVE STORM PIPE
14	REMOVE AND STORE LIGHT POLES AND REMOVE BASE

BM 699
CHIS. SQUARE
EL 1459.98

CP #4

CP #2

CP #3

2" ELM MEMORIAL TREE TO BE RELOCATED CONTRACTOR MUST PROTECT THROUGHOUT ALL STAGES OF CONSTRUCTION

LOCATE AND REMOVE UPSTREAM PORTION OF SANITARY LATERAL

EXISTING TREE TO REMAIN

2-STY BLOCK POOL HOUSE

CONC. WALL

WATER FOUNDATION

COVERED WALKWAY

CONSTITUTION DRIVE

SPEED BUMP

ASPHALT

GRAVEL

CONC.

POOL

BENCH

BLOCK WALL

7' CH. LINK

5' CH. LINK

'ZONE X'
'ZONE AE'

ABOVE GROUND WATER EASEMENT

CITY OF STAUNTON
PID: 9115
ZONING: R4

BFE: 1451

STDI 1058
STDI 1097
STDI 1212
STDI 1256
STDI 1434
SSMH 484
SSMH 485
SSMH 157

CONTROL POINTS

POINT #	ELEVATION	NORTHING	EASTING
1	1453.96	6742129.34	11315943.88
2	1456.51	6742265.44	11315851.79
3	1448.86	6742158.47	11315806.51
4	1458.72	6742365.57	11315709.71
5	1461.72	6742386.70	11315607.37
6	1450.11	6742275.72	11315653.93

EXISTING UTILITY STRUCTURES	
STRUCTURE ID	STRUCTURE DETAILS
SSMH 157	RIM = 1454.94 15" RCP INV IN = 1449.69 FROM SSMH 484 8" RCP INV IN = 1449.94 15" RCP INV OUT = 1449.44 TO SSMH 1290
SSMH 484	RIM = 1459.38 15" RCP INV IN = 1453.78 FROM SSMH 483 8" RCP INV IN = 1454.38 FROM SSMH 485 12" TC INV IN = 1453.88 15" RCP INV OUT = 1453.73 TO SSMH 157
SSMH 485	RIM = 1460.10 6" RCP INV IN = 1454.10 8" RCP INV OUT = 1454.08 TO SSMH 484

EXISTING UTILITY STRUCTURES	
STRUCTURE ID	STRUCTURE DETAILS
STDI 1058	RIM = 1448.29 6" PVC INV IN = 1446.59 6" HDPE INV OUT = 1446.49
STDI 1097	RIM = 1447.90 6" PVC INV IN = 1446.16 FROM STDI 1434 6" PVC INV OUT = 1446.06 TO STDI 1089
STDI 1212	RIM = 1448.13 6" PVC INV IN = 1445.93 FROM STDI 1256 6" PVC INV OUT = 1445.88
STDI 1256	RIM = 1447.96 4" PVC INV IN = 1446.56 4" PVC INV IN = 1446.56 6" PVC INV OUT = 1446.54 TO STDI 1212
STDI 1434	RIM = 1447.79 6" PVC INV OUT = 1446.67 TO STDI 1097

0 10' 20'
SCALE: 1" = 10'
IF THIS DRAWING IS REDUCED, GRAPHIC SCALE MUST BE USED.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 5/14/2025
DRAWN: AAB DESIGN: JRM
CHECK: WRM

SHEET TITLE
EXISTING CONDITIONS AND DEMOLITION PLAN

SHT. NO. C-101
REV. NO. 0

12/26/2013 6:33 AM
X:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-101.dwg

GENERAL PLAN NOTES

1	SEE SHEET C-001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
2	CLEAN AND REPAIR ITEMS TO FUNCTIONAL CONDITION ADEQUATE FOR INTENDED REUSE. PACK OR CRATE ITEMS AFTER CLEANING AND REPAIRING. IDENTIFY CONTENTS OF CONTAINERS. PROTECT ITEMS FROM DAMAGE DURING TRANSPORT AND STORAGE. REINSTALL ITEMS IN LOCATIONS INDICATED. COMPLY WITH INSTALLATION REQUIREMENTS FOR NEW MATERIALS AND EQUIPMENT. PROVIDE CONNECTIONS, SUPPORTS, AND MISCELLANEOUS MATERIALS NECESSARY TO MAKE ITEM FUNCTIONAL FOR USE INDICATED.

WORK NOTES

		DETAIL
1	ASPHALT PAVEMENT	A2/C-504
2	CONCRETE PAVEMENT	C6/C-504
3	POOL HOUSE	N/A
4	INTERIOR FENCE	A6/C-504
5	ADA RAMP	N/A
6	PAVEMENT MARKINGS	D6/C-504
7	PERIMETER FENCE	B3/C-504
8	DOUBLE SWING GATE	B5/C-504
9	RETAINING WALL W/ GUARDRAIL	S-401

WORK NOTES (CONT.)

		DETAIL
10	RELOCATED MEMORIAL TREE	N/A
11	CROSSWALK PAVEMENT MARKINGS	N/A
12	STOP SIGN	A2/C-504
13	REINSTALL WOODEN GUARDRAIL	N/A
14	CONCRETE PARKING BLOCK	D5/C-504
15	HANDICAP PARKING SPACE	D3/C-504
16	HANDICAP PARKING SIGNAGE	B1/C-504
17	CURB	C6/C-503
18	4' INTERIOR FENCE GATE	A4/C-504
19	5' INTERIOR FENCE GATE	B6/C-504
20	REINSTALL LIGHT FIXTURES. SEE NOTE 2	N/A

POOL FACILITIES BUILDING FF: 1452.0

FF: 1449.0

POOL ADMINISTRATION BUILDING FF: 1452.0

PATIO STAIRS SEE ARCH PLANS FOR DETAILS

CONSTITUTION DRIVE

CITY OF STAUNTON PID: 9115 ZONING: R4

APPROX. PUBLIC WATER EASEMENT

'ZONE X' 'ZONE AE'

BFE: 1451

SCALE: 1" = 10'
IF THIS DRAWING IS REDUCED, GRAPHIC SCALE MUST BE USED.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

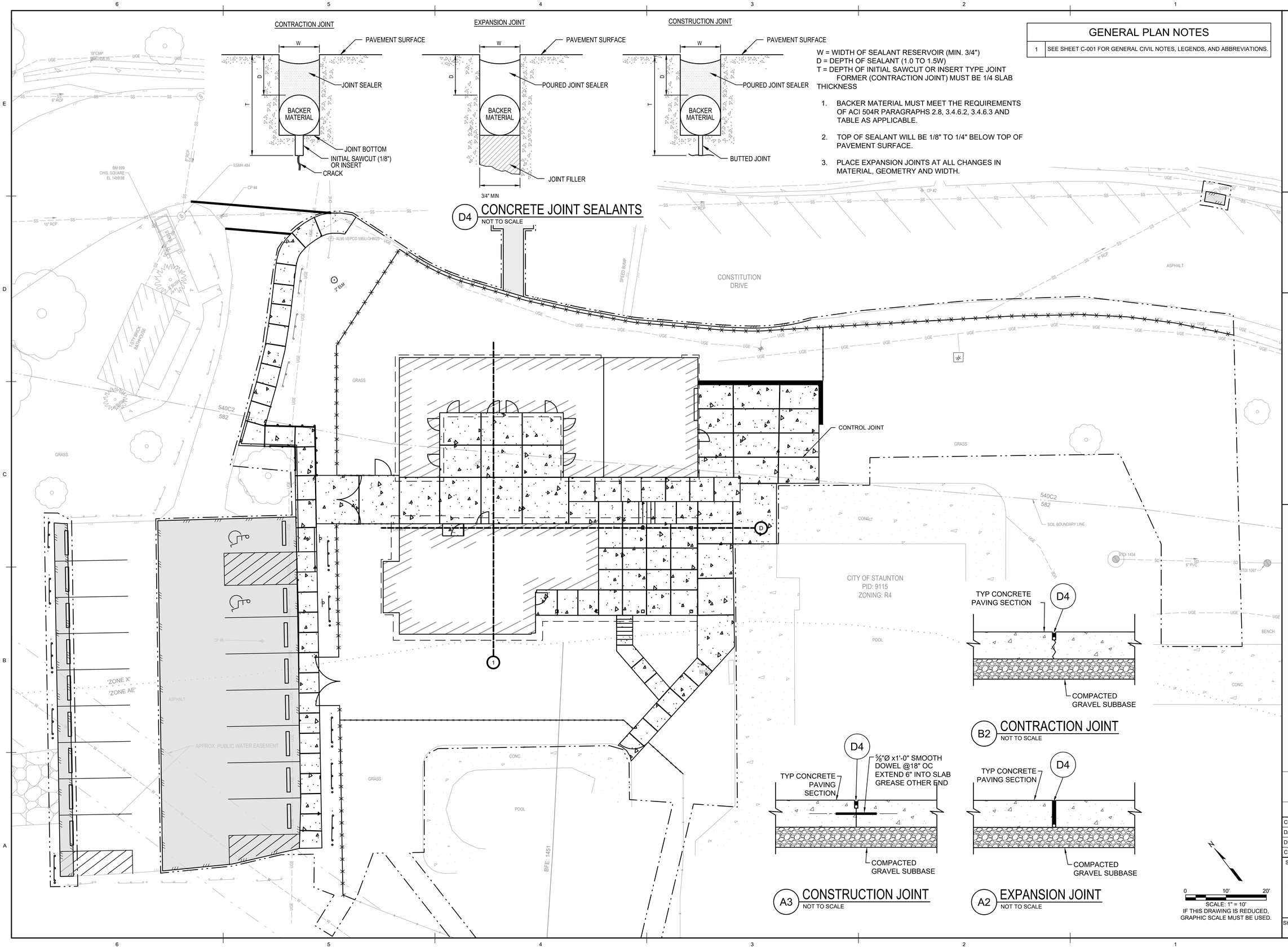
COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE

SITE LAYOUT PLAN

SHT. NO.	REV. NO.
C-102	0

12/26/2013 6:33 AM
X:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-102.dwg



Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

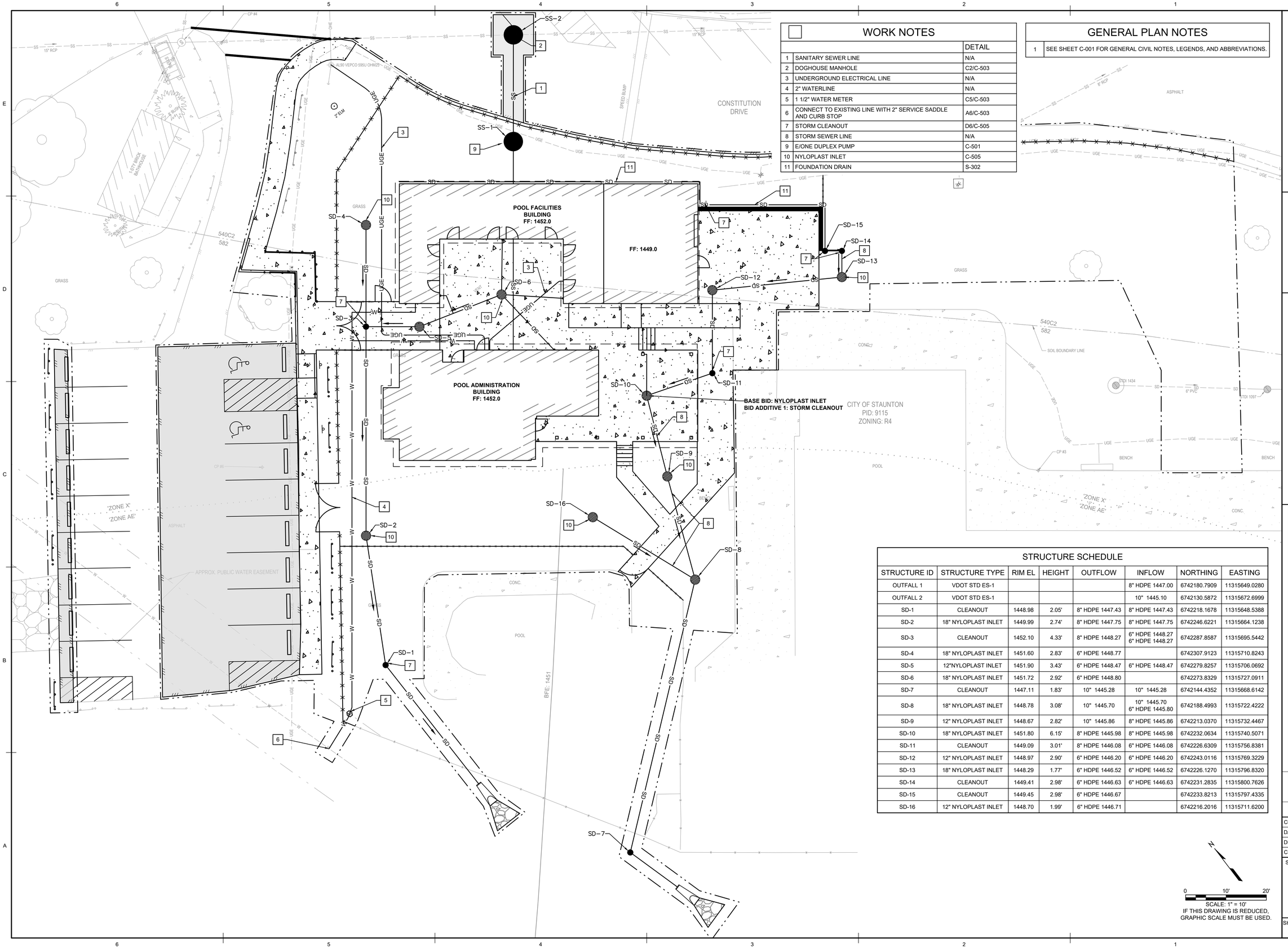
MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE
JOINT AND DIMENSIONAL SITE PLAN

SHT. NO.	REV. NO.
C-103	0

12/26/2013 6:33 AM
X:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-103_JOINT.dwg



WORK NOTES

		DETAIL
1	SANITARY SEWER LINE	N/A
2	DOGHOUSE MANHOLE	C2/C-503
3	UNDERGROUND ELECTRICAL LINE	N/A
4	2" WATERLINE	N/A
5	1 1/2" WATER METER	C5/C-503
6	CONNECT TO EXISTING LINE WITH 2" SERVICE SADDLE AND CURB STOP	A6/C-503
7	STORM CLEANOUT	D6/C-505
8	STORM SEWER LINE	N/A
9	E/ONE DUPLEX PUMP	C-501
10	NYLOPLAST INLET	C-505
11	FOUNDATION DRAIN	S-302

GENERAL PLAN NOTES

1	SEE SHEET C-001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.

STRUCTURE SCHEDULE

STRUCTURE ID	STRUCTURE TYPE	RIM EL	HEIGHT	OUTFLOW	INFLOW	NORTHING	EASTING
OUTFALL 1	VDOT STD ES-1				8" HDPE 1447.00	6742180.7909	11315649.0280
OUTFALL 2	VDOT STD ES-1				10" 1445.10	6742130.5872	11315672.6999
SD-1	CLEANOUT	1448.98	2.05'	8" HDPE 1447.43	8" HDPE 1447.43	6742218.1678	11315648.5388
SD-2	18" NYLOPLAST INLET	1449.99	2.74'	8" HDPE 1447.75	8" HDPE 1447.75	6742246.6221	11315664.1238
SD-3	CLEANOUT	1452.10	4.33'	8" HDPE 1448.27	6" HDPE 1448.27 6" HDPE 1448.27	6742287.8587	11315695.5442
SD-4	18" NYLOPLAST INLET	1451.60	2.83'	6" HDPE 1448.77		6742307.9123	11315710.8243
SD-5	12"NYLOPLAST INLET	1451.90	3.43'	6" HDPE 1448.47	6" HDPE 1448.47	6742279.8257	11315706.0692
SD-6	18" NYLOPLAST INLET	1451.72	2.92'	6" HDPE 1448.80		6742273.8329	11315727.0911
SD-7	CLEANOUT	1447.11	1.83'	10" 1445.28	10" 1445.28	6742144.4352	11315668.6142
SD-8	18" NYLOPLAST INLET	1448.78	3.08'	10" 1445.70	10" 1445.70 6" HDPE 1445.80	6742188.4993	11315722.4222
SD-9	12" NYLOPLAST INLET	1448.67	2.82'	10" 1445.86	8" HDPE 1445.86	6742213.0370	11315732.4467
SD-10	18" NYLOPLAST INLET	1451.80	6.15'	8" HDPE 1445.98	8" HDPE 1445.98	6742232.0634	11315740.5071
SD-11	CLEANOUT	1449.09	3.01'	8" HDPE 1446.08	6" HDPE 1446.08	6742226.6309	11315756.8381
SD-12	12" NYLOPLAST INLET	1448.97	2.90'	6" HDPE 1446.20	6" HDPE 1446.20	6742243.0116	11315769.3229
SD-13	18" NYLOPLAST INLET	1448.29	1.77'	6" HDPE 1446.52	6" HDPE 1446.52	6742226.1270	11315796.8320
SD-14	CLEANOUT	1449.41	2.98'	6" HDPE 1446.63	6" HDPE 1446.63	6742231.2835	11315800.7626
SD-15	CLEANOUT	1449.45	2.98'	6" HDPE 1446.67		6742233.8213	11315797.4335
SD-16	12" NYLOPLAST INLET	1448.70	1.99'	6" HDPE 1446.71		6742216.2016	11315711.6200

0 10' 20'
SCALE: 1" = 10'
IF THIS DRAWING IS REDUCED, GRAPHIC SCALE MUST BE USED.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 5/14/2025
DRAWN: AAB | DESIGN: JRM
CHECK: WRM

SHEET TITLE
UTILITY AND DRAINAGE PLAN

SHT. NO. C-104 | REV. NO. 0

12/26/2013 6:33 AM
X:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-103.dwg

GENERAL PLAN NOTES

1	SEE SHEET C-001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.

POOL FACILITIES BUILDING FF: 1452.0

FF: 1449.0

POOL ADMINISTRATION BUILDING FF: 1452.0

BASE BID: SLOPE PATIO TO NYLOPLAST INLET PER PLAN
BID ADDITIVE 1: PATIO FF 1452.0

CONSTITUTION DRIVE

CITY OF STAUNTON
PID: 9115
ZONING: R4

SS-1 SS-2 SD-1 SD-2 SD-3 SD-4 SD-5 SD-6 SD-7 SD-8 SD-9 SD-10 SD-11 SD-12 SD-13 SD-14 SD-15 SD-16

SSMH 484 SSMH 485 SSMH 487

CP #1 CP #2 CP #3 CP #4 CP #5 CP #6

BM 699
CHIS. SQUARE
EL 1459.98

18"CMP INV=1458.05

6" RCP 15" RCP 8" RCP

STDI 1434 STDI 1097

1-STY BRICK BATHHOUSE

ASPHALT GRASS CONC. POOL BENCH

APPROX. PUBLIC WATER EASEMENT

ZONE X
ZONE AE

BFE: 1451

SOIL BOUNDARY LINE

540C2
582

SCALE: 1" = 10'
IF THIS DRAWING IS REDUCED, GRAPHIC SCALE MUST BE USED.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE

GRADING PLAN

SHT. NO.	REV. NO.
C-105	0

12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-104.dwg

GENERAL PLAN NOTES

1	SEE SHEET C-001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.

POOL FACILITIES BUILDING
FF: 1452.0

POOL ADMINISTRATION BUILDING
FF: 1452.0

FF: 1449.0

BASE BID: SLOPE PATIO TO NYLOPLAST INLET PER PLAN
BID ADDITIVE 1: PATIO FF 1452.0

CONSTITUTION DRIVE

CITY OF STAUNTON
PID: 9115
ZONING: R4

SCALE: 1" = 10'
IF THIS DRAWING IS REDUCED, GRAPHIC SCALE MUST BE USED.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

REVISION DESCRIPTION	DATE	MRK

COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE

SPOT GRADING PLAN

SHT. NO.	REV. NO.
C-106	0

12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-105.dwg

GENERAL PLAN NOTES

1	SEE SHEET C-001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
2	SEE SHEET C-002 AND C-003 FOR EROSION AND SEDIMENT CONTROL NOTES.
3	SEE SHEET C-502 FOR EROSION AND SEDIMENT CONTROL DETAILS.

CONSTITUTION DRIVE

SPEED BUMP

15" RCP

AL90 VEPCO 595U OHM25

1-STY BRICK BATHHOUSE

GRASS

540C2
582

2-STY BLOCK POOL HOUSE

WATER FOUNTAIN

COVERED WALKWAY

CONC. WALL

CONC.

STEPS

7' CH. LINK

BLOCK WALL

6" PVC

STDI 1208

IP

SF

TS

SOIL BOUNDARY LINE

STDI 1434

STDI 1082

CITY OF STAUNTON
PID: 9115
ZONING: R4

POOL

BENCH

CP #3

CP #5

4" PVC

GRAVEL

5' CH. LINK

HB

'ZONE X'
'ZONE AE'

ASPHALT

APPROX. PUBLIC WATER EASEMENT

CONTRACTOR LAYDOWN AREA

STDI 1212

BFE: 1451

SD

UGE

OHE

W

X

0 10' 20'
SCALE: 1" = 10'
IF THIS DRAWING IS REDUCED, GRAPHIC SCALE MUST BE USED.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE

PHASE 1 EROSION AND SEDIMENT CONTROL PLAN

SHT. NO.	REV. NO.
C-107	0

12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-107.dwg

GENERAL PLAN NOTES

1	SEE SHEET C-001 FOR GENERAL CIVIL NOTES, LEGENDS, AND ABBREVIATIONS.
2	SEE SHEET C-002 AND C-003 FOR EROSION AND SEDIMENT CONTROL NOTES.
3	SEE SHEET C-502 FOR EROSION AND SEDIMENT CONTROL DETAILS.

CONSTITUTION DRIVE

POOL FACILITIES BUILDING FF: 1452.0

FF: 1449.0

POOL ADMINISTRATION BUILDING FF: 1452.0

CONTRACTOR LAYDOWN AREA

APPROX. PUBLIC WATER EASEMENT

CITY OF STAUNTON
PID: 9115
ZONING: R4

OUTLET PROTECTION CLASS A1 RIPRAP L = 6', W = 7', D = 1.8'

OUTLET PROTECTION CLASS A1 RIPRAP L = 6', W = 7', D = 1.8'

BFE: 1451

'ZONE X'
'ZONE AE'

SOIL BOUNDARY LINE

SCALE: 1" = 10'
IF THIS DRAWING IS REDUCED, GRAPHIC SCALE MUST BE USED.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

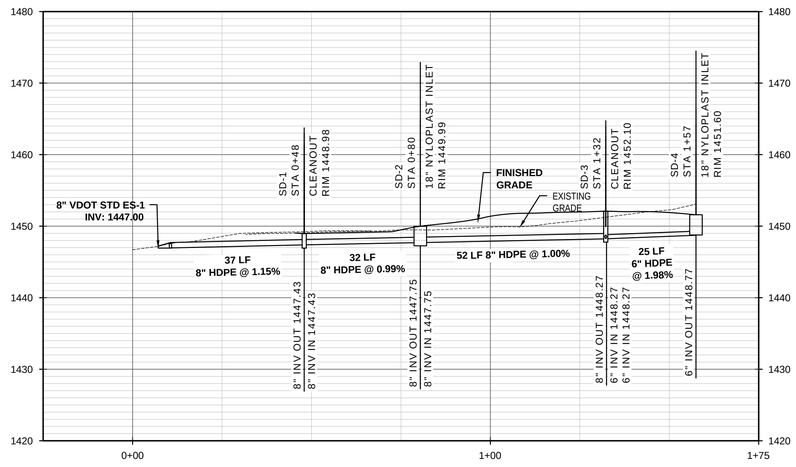
COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE

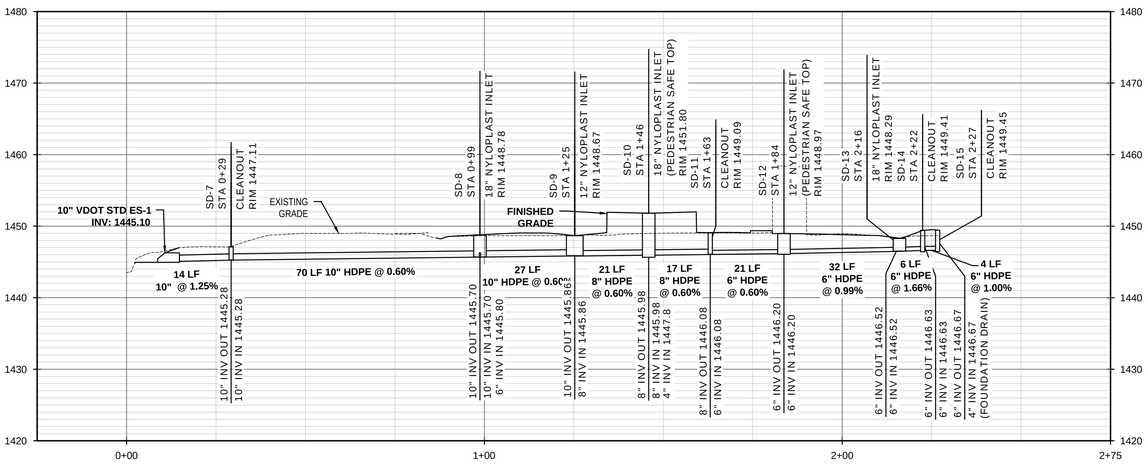
PHASE 2 EROSION AND SEDIMENT CONTROL PLAN

SHT. NO.	REV. NO.
C-108	0

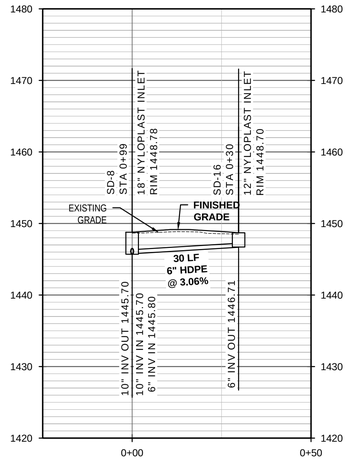
12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-108.dwg



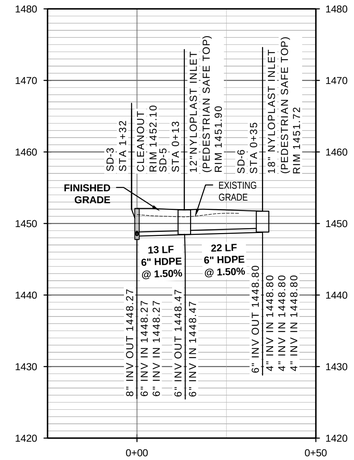
OUTLET PIPE - SD-4



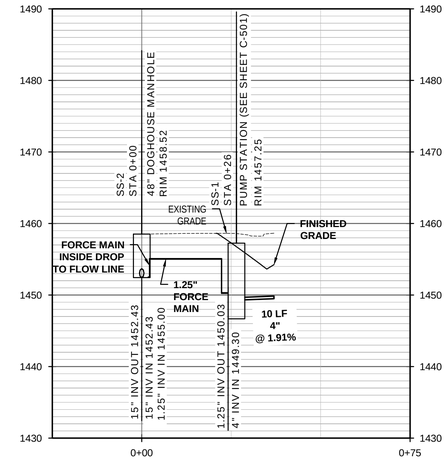
OUTLET PIPE - SD-14



SD- 7 - SD-16



SD- 3 - SD-6



FORCE MAIN

VERT: 1" = 10'
0 10' 20'
0 20' 40'
HORIZ: 1" = 20'

IF THIS DRAWING IS REDUCED, GRAPHIC SCALE MUST BE USED.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE

PROFILES

SHT. NO.	REV. NO.
C-201	0

12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\2401163A23_C-201.dwg

SANITARY SEWER GRINDER PUMP:

1. CONTRACTOR SHALL:
FURNISH AND INSTALL A PRE-PACKAGED PUMP STATION. PUMP STATION SHALL INCLUDE A MINIMUM OF 2 PUMPS, 1 HP MOTORS, WET WELL APPURTENANCES AND COORDINATED CONTROL SYSTEMS AS HEREINAFTER SPECIFIED. UTILIZE A SINGLE MANUFACTURER FOR ALL PUMPS AND APPURTENANCES SPECIFIED IN THIS SECTION TO ENSURE COORDINATION AND COMPATIBILITY OF EQUIPMENT. PROVIDE MANUFACTURER PREPARED SHOP DRAWINGS AND COMPUTATIONS FOR ALL COMPONENTS SUPPLIED/CONSTRUCTED UNDER THIS SECTION SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE COMMONWEALTH OF VIRGINIA AND SUBMITTED AS PART OF THE SHOP DRAWINGS. ALL WORK UNDER THIS SECTION IS DELEGATED DESIGN. THE DELEGATED DESIGN PROFESSIONAL WHO SHALL BE A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE COMMONWEALTH OF VIRGINIA SHALL SIGN AND SEAL THE DESIGN DRAWINGS AND COMPUTATIONS FOR ALL COMPONENTS SUPPLIED/CONSTRUCTED UNDER THIS SECTION. MANUFACTURER SHALL BE E-ONE SEWER SYSTEMS MODEL SHALL BE DH272-129 WITH HARD WIRED LEVEL CONTROLS OR APPROVED EQUAL.

THE PUMP(S) SHALL BE CAPABLE OF OPERATING AT NEGATIVE TOTAL DYNAMIC HEAD WITHOUT OVERLOADING THE MOTOR(S). UNDER NO CONDITIONS SHALL IN-LINE PIPING OR VALVING BE ALLOWED TO CREATE A FALSE APPARENT HEAD.

FURNISH CORE BOLT WRENCH REQUIRED TO PERFORM MAINTENANCE ON PUMP STATION TO OWNER.

2. SUBMERSIBLE SEWAGE GRINDER PUMPS
PROVIDE SUBMERSIBLE SEWAGE PUMPS WITH GRINDER UNITS AS SHOWN ON THE DRAWINGS. PROVIDE SUBMERSIBLE, CENTRIFUGAL SEWAGE PUMPS AND GRINDER UNITS. PUMP CAPACITY AND MOTOR CHARACTERISTICS AS SPECIFIED. DESIGN PUMP TO OPERATE IN A SUBMERGED OR PARTIALLY SUBMERGED CONDITION. PROVIDE AN INTEGRAL SLIDING GUIDE BRACKET AND TWO GUIDE BARS CAPABLE OF SUPPORTING THE ENTIRE WEIGHT OF THE PUMPING UNIT. EACH PUMP DISCHARGE SHALL INCLUDE A FACTORY INSTALLED, GRAVITY OPERATED, ANTI-SIPHON VALVE AND CHECK VALVE.

THE MOTOR SHALL BE A 1 HP, 1725 RPM, 240 VOLT 60 HERTZ, 1 PHASE, CAPACITOR START, BALL BEARING, AIR-COOLED INDUCTION TYPE WITH CLASS F INSTALLATION, LOW STARTING CURRENT NOT TO EXCEED 30 AMPERES AND HIGH STARTING TORQUE OF 8.4 FOOT POUNDS.

3. GRINDER
THE GRINDER UNIT SHALL BE CAPABLE OF GRINDING ALL MATERIALS FOUND IN NORMAL DOMESTIC SEWAGE WHICH SHALL PASS FREELY THROUGH THE PASSAGES OF THE PUMP AND THE DISCHARGE PIPING INTO SLURRY WITH PARTICLE DIMENSIONS NO GREATER THAN 1/4 INCH.

4. TANK & INTEGRAL ACCESSWAY
MANUFACTURER SHALL PROVIDE CONCRETE BALLAST AS REQUIRED TO PROTECT AGAINST FLOTATION. SUBMIT BUOYANCY CALCULATIONS ASSUMING A HIGH WATER LEVEL EQUAL TO THE IMMEDIATE SURROUNDING GRADE.

THE TANK SHALL BE A WETWELL/DRYWELL DESIGN MADE OF HIGH DENSITY POLYETHYLENE, WITH A GRADE SELECTED TO PROVIDE THE NECESSARY ENVIRONMENTAL STRESS CRACKING RESISTANCE. THE TANK WALL AND BOTTOM MUST WITHSTAND THE PRESSURE EXERTED BY SATURATED SOIL LOADING AT MAXIMUM BURIAL DEPTH. ALL STATION COMPONENTS MUST FUNCTION NORMALLY WHEN EXPOSED TO 150 PERCENT OF THE MAXIMUM EXTERNAL SOIL AND HYDROSTATIC PRESSURE.

THE DRYWELL ACCESSWAY SHALL BE AN INTEGRAL EXTENSION OF THE WETWELL ASSEMBLY AND SHALL INCLUDE A LOCKABLE COVER ASSEMBLY PROVIDING LOW PROFILE MOUNTING AND SHALL BE WATERTIGHT.

5. PUMP CONTROLS
PROVIDE A PRESSURE SWITCH LEVEL CONTROL SYSTEM. PROVIDE MANUAL "HAND-OFF-AUTO" SWITCH FOR THE PUMP. PROVIDE ADJUSTABLE HIGH AND LOW WATER LEVEL LEAD PUMP ON, LAG PUMP ON, AND PUMPS OFF SWITCH. PROVIDE THERMOPLASTIC ELASTOMETER, SUPPORTS AND ALARM AS INDICATED. METAL PARTS, IF USED, SHALL BE 304 STAINLESS STEEL OR EQUIVALENT CORROSION RESISTANT MATERIAL.

6. CONTROL/ALARM PANEL
CONTRACTOR SHALL PROVIDE FACTORY FURNISHED CONTROL PANEL. ENCLOSE CONTROL PANEL IN NEMA 4X ENCLOSURE WITH A FLASHING RED LIGHT WITH LONG LIFE LED BULB IN GUARDED ENCLOSURE AND 6 INCH DIAMETER HORN. HORN SHALL EMIT 120 DB AT 10 FEET. POWER ALARM HORN AND LIGHT FROM 12V DC POWER SUPPLY WITH BATTERY BACKUP. PROVIDE A RECHARGEABLE BATTERY RATED TO POWER BOTH THE HORN AND LIGHT FOR A MINIMUM OF TWO HOURS UPON LOSS OF MAIN POWER. PROVIDE CIRCUITRY TO AUTOMATICALLY RECHARGE THE BATTERY AFTER MAIN POWER IS RESTORED. FULL CHARGE OF BATTERY SHALL TAKE NO MORE THAN 20 HOURS. PROVIDE PANEL SWITCH POWER ON LIGHT, PUSH TO TEST BUTTON FOR HORN AND LIGHT AND PUSH TO SILENCE BUTTON FOR HORN AND LIGHT WITH AUTOMATIC RESET FOR NEXT ALARM. PROVIDE ALARM DESIGNED TO ACTIVATE UNDER THE FOLLOWING CONDITIONS:
A. HIGH LIQUID LEVEL AS SENSED BY FLOAT SWITCH
B. LOSS OF MAIN POWER

PROVIDE DELAY FUNCTION DESIGNED TO OPERATE IN ANY CONDITION OF START-UP IN EITHER NORMAL OR EMERGENCY OPERATIONAL MODE.

7. ELECTRICAL TRANSFORMER
CONTRACTOR SHALL PROVIDE FACTORY FURNISHED 208V - 240V TRANSFORMER IN NEMA 4X ENCLOSURE.

8. PUMP INSTALLATION/TESTING
PACKAGED EQUIPMENT: WHEN ANY SYSTEM IS PROVIDED AS PREPACKAGED EQUIPMENT, CONTRACTOR SHALL PROVIDE PROJECT COORDINATION INCLUDING SPACE AND STRUCTURAL REQUIREMENTS, CLEARANCES, UTILITY CONNECTIONS, SIGNALS, OUTPUTS, AND FEATURES REQUIRED BY THE MANUFACTURER INCLUDING SAFETY INTERLOCKS.

CONTRACTOR SHALL INSTALL ALL EQUIPMENT UNDER THIS SECTION IN STRICT ACCORDANCE WITH THE DRAWINGS, IN STRICT ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS, AND AS SPECIFIED IN THIS SECTION AND ELSEWHERE IN THE CONTRACT DOCUMENTS.

CONTRACTOR SHALL CERTIFY THE PUMP'S SUCTION AND DISCHARGE PORT CONNECTIONS TO PROCESS LINES ARE NONLEAKING AND MADE IN A FREE SUPPORTED STATE WITHOUT NEED TO APPLY VERTICAL OR HORIZONTAL PRESSURE TO ALIGN PIPING WITH PUMP NOZZLES.

CONTRACTOR SHALL SUPPLY A CERTIFICATE OF PROPER INSTALLATION AND OPERATION.

INSTALL GUIDE BAR BRACKETS, GUIDE RAILS, AND PUMP LIFTING CHAIN ASSEMBLIES, AND CABLE HOLDERS. INSTALL GUIDE RAILS PLUMB.

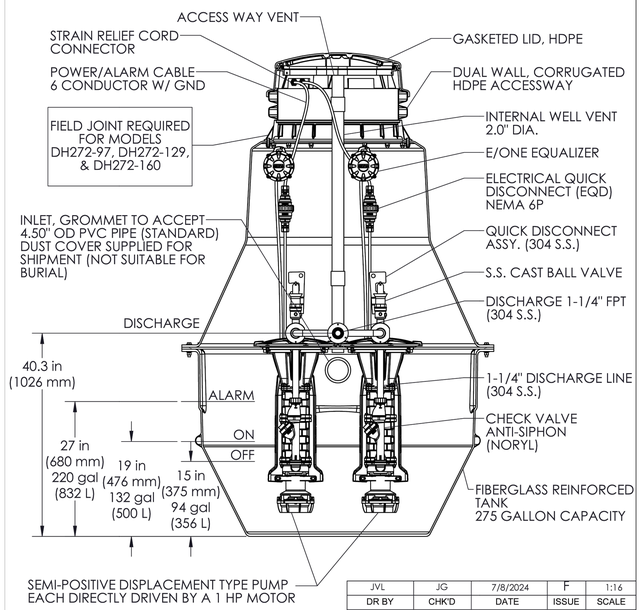
NO PORTION OF PUMP SHALL BEAR DIRECTLY ON FLOOR OF SUMP.

TEST PUMPS AND CONTROLS, IN OPERATION, UNDER DESIGN CONDITIONS TO INSURE PROPER OPERATION OF ALL EQUIPMENT.

PROVIDE ALL APPLIANCES, MATERIALS, WATER, AND EQUIPMENT FOR TESTING, AND BEAR ALL EXPENSES IN CONNECTION WITH THE TESTING. CONDUCT TESTING AFTER ALL EQUIPMENT IS PROPERLY INSTALLED, ELECTRICAL SERVICES AND PIPING ARE INSTALLED, LIQUID IS FLOWING, AND THE PUMP STATION IS READY FOR OPERATION. CORRECT ALL DEFECTS DISCOVERED TO THE SATISFACTION OF THE CONTRACTING OFFICER, AND ALL TESTS REPEATED, AT THE EXPENSE OF THE CONTRACTOR, UNTIL THE EQUIPMENT IS IN PROPER WORKING ORDER.

NA0053P02

DH272



CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

JVL	JG	7/8/2024	F	1:16
DR BY	CHK'D	DATE	ISSUE	SCALE

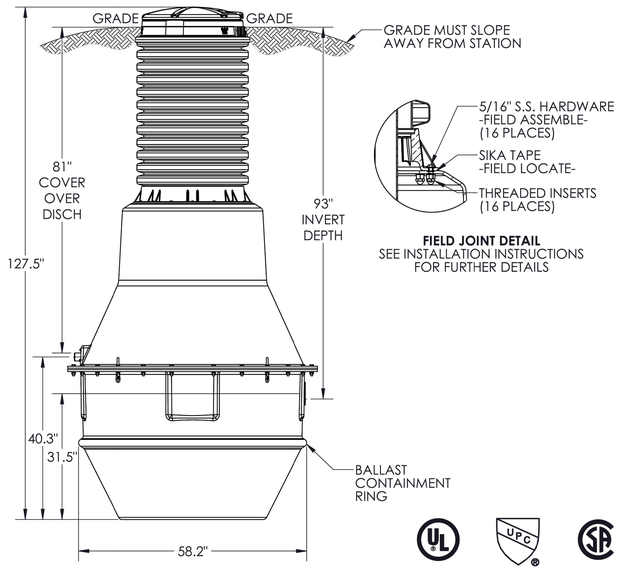
e one
SEWER SYSTEMS

MODEL DH272
DETAIL SHEET

NA0053P02

NA0053P05

DH272-129



FIELD JOINT DETAIL
SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

CONCRETE BALLAST MAY BE REQUIRED
SEE INSTALLATION INSTRUCTIONS FOR DETAILS

NOTE: DIMENSIONS ARE FOR REFERENCE ONLY

DISCHARGE: 1-1/4" FEMALE PIPE THREAD

INLET: EPDM GROMMET FOR 4" DWV PIPE (STANDARD)

JVL	JG	7/9/2024	D	1:20
DR BY	CHK'D	DATE	ISSUE	SCALE

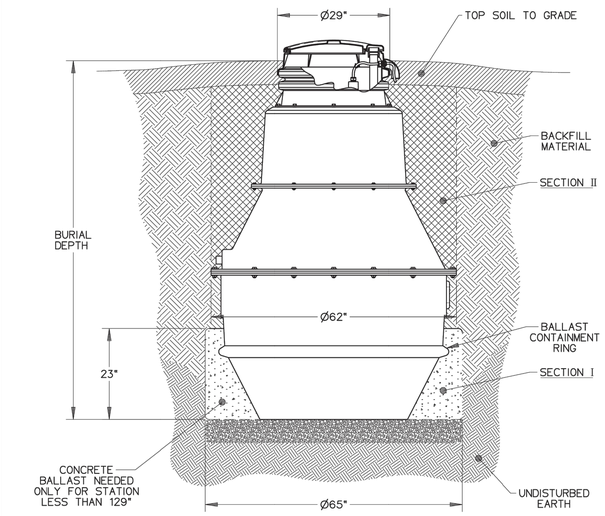
e one
SEWER SYSTEMS

MODEL DH272-129

NA0053P05

GRINDER PUMP INSTALLATION DETAIL

NOT TO SCALE



NOTE: DH272-97 IS THE MODEL SHOWN

TOP SOIL (±6")

SECTION II - SOIL CONTRIBUTING TO BALLAST
*SEE BACKFILL SECTION OF INSTALLATION INSTRUCTIONS

SECTION I - CONCRETE ANCHOR
(LESS THAN 129" ONLY)

ROUND AGGREGATE (GRAVEL)

SGS	JVL	05/29/24	5	1/20
DR BY	CHK'D	DATE	ISSUE	SCALE

e one
SEWER SYSTEMS

BALLAST INFORMATION
DH272

ESD 24-0034

DH272

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

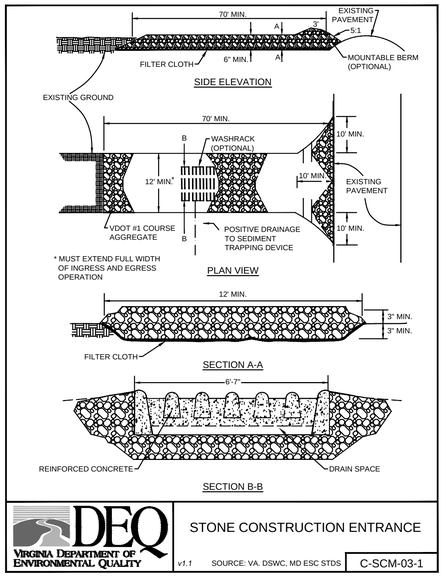
COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE

PUMP STATION DETAILS

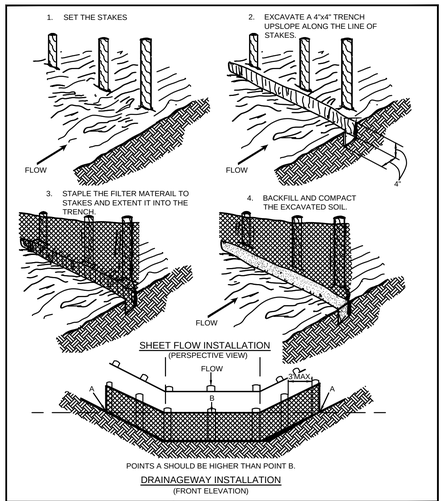
SHT. NO.	REV. NO.
C-501	0

12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-501.dwg



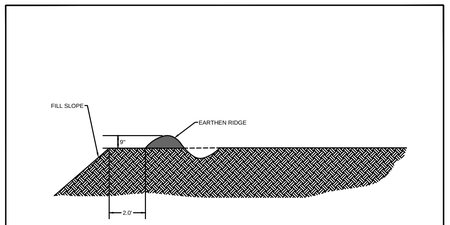
STONE CONSTRUCTION ENTRANCE

v1.1 SOURCE: VA. DSWC, MD ESC STDS C-SCM-03-1



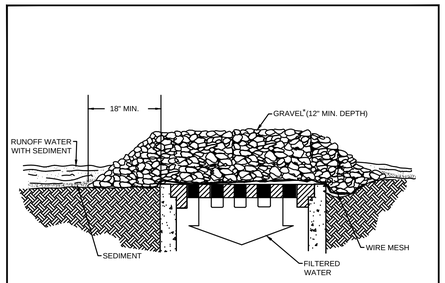
CONSTRUCTION OF SILT FENCE WITHOUT WIRE SUPPORT

v1.1 SOURCE: ADAPTED FROM STRAW & FAB. BARRIERS, SHERWOOD & WYANT C-PCM-04-2B



TEMPORARY FILL DIVERSION

v1.1 C-ECM-06-1



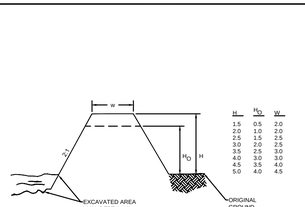
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED BUT NOT WHERE PONDING AROUND THE STRUCTURE MIGHT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

* GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER

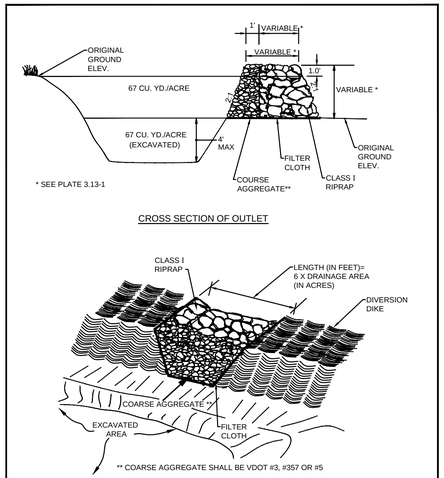
v1.1 SOURCE: VA. DSWC C-SCM-04-2



H	H_D	W
1.5	0.5	2.0
2.0	1.0	2.0
2.5	1.5	2.5
3.0	2.0	2.5
3.5	2.5	3.0
4.0	3.0	3.0
4.5	3.5	4.0
5.0	4.0	4.5

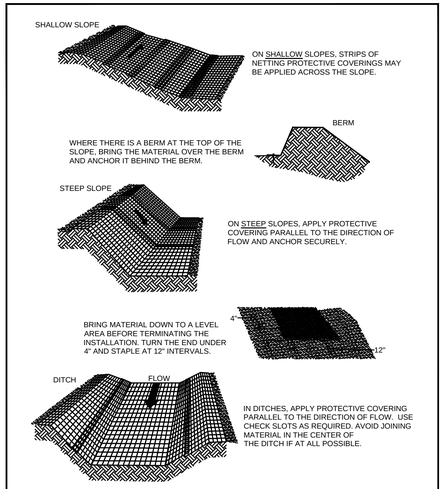
MINIMUM TOP WIDTH (W) REQUIRED FOR SEDIMENT TRAP EMBANKMENTS ACCORDING TO HEIGHT OF EMBANKMENT (FEET)

v1.1 SOURCE: VA. DSWC C-SCM-11-1



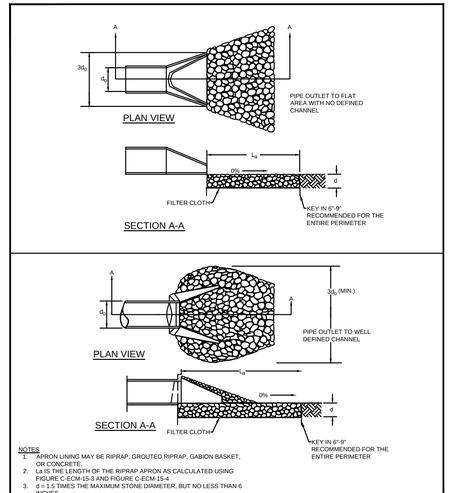
TEMPORARY SEDIMENT TRAP

v1.1 SOURCE: VA. DSWC C-SCM-11-2



TYPICAL ORIENTATION OF TREATMENT - 1 (SOIL STABILIZATION BLANKET)

v1.1 SOURCE: ADAPTED FROM LUDLOW PRODUCTS BROCHURE C-SSM-05-1



NOTES:
1. APRON LINING MAY BE RIPRAP, GROUTED RIPRAP, GABION BASKET, OR CONCRETE.
2. La IS THE LENGTH OF THE RIPRAP APRON AS CALCULATED USING FIGURE C-ECM-15-3 AND FIGURE C-ECM-15-4
3. d = 1.5 TIMES THE MAXIMUM STONE DIAMETER, BUT NO LESS THAN 6 INCHES.

PIPE OUTLET CONDITIONS

v1.1 SOURCE: VA DSWC C-ECM-15-1

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

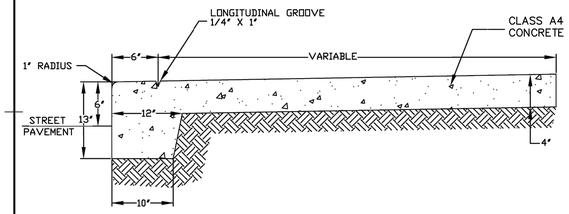
SHEET TITLE

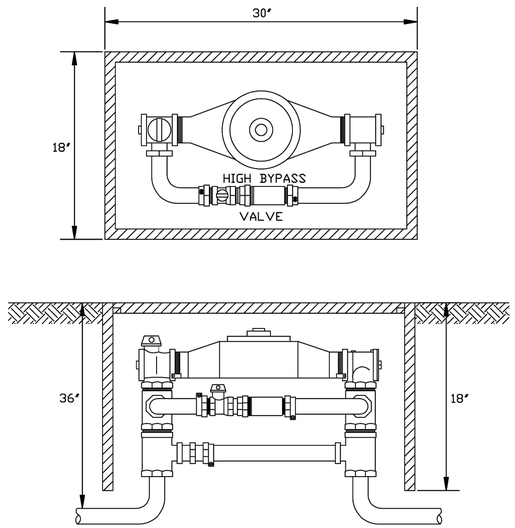
EROSION AND SEDIMENT CONTROL DETAILS

SHT. NO.	REV. NO.
C-502	0

12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-502.dwg

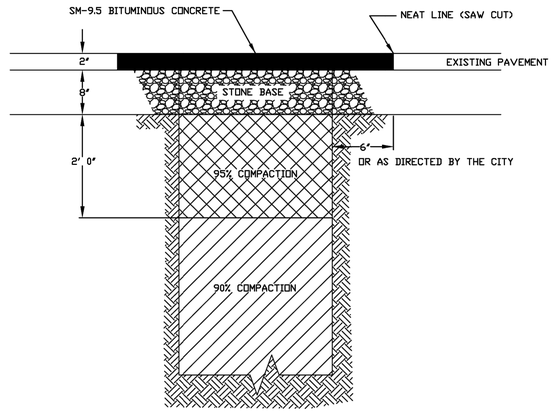
NOTE: THIS DETAIL HAS BEEN MODIFIED



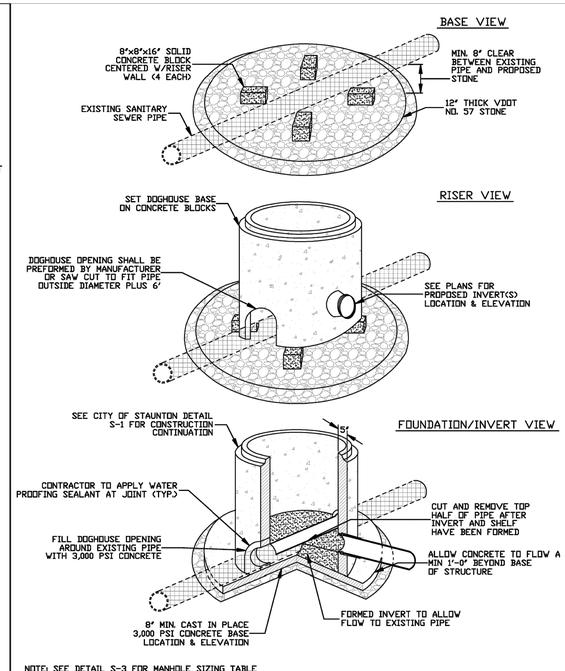


METER BOX - CAPITOL FOUNDRY MBX-5A

COPPERSETTER 1 1/2" VBHH76-15 HBHC-11-66 (HIGH BYPASS)
2" VBHH77-15 HBHC-11-77 (HIGH BYPASS)



NOTE:
1. COMPLETED PATCH TO BE FLUSH WITH EXISTING PAVEMENT



NOTE: SEE DETAIL S-3 FOR MANHOLE SIZING TABLE

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

C6 MONOLITHIC CONCRETE SIDEWALK
NOT TO SCALE

CITY OF STAUNTON, VA	1-1/2" - 2" DISC METER SETTING	Draw No. W-2

C5 METER SETTING
NOT TO SCALE

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

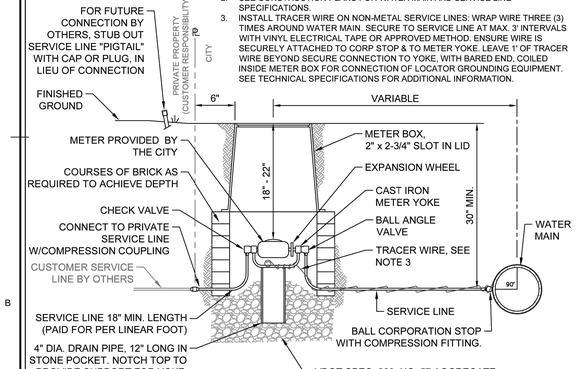
C3 ASPHALT PAVEMENT PATCH
NOT TO SCALE

CITY OF STAUNTON, VA	STANDARD PRECAST DOGHOUSE MANHOLE	Draw No. S-1A

C2 STANDARD PRECAST DOGHOUSE MANHOLE
NOT TO SCALE

REV. May 1, 2020
REV. Aug. 23, 2018

NOTES:
1. ALL SERVICE LINE CONNECTIONS AND FITTINGS SHALL BE COMPRESSION.
2. SEE CONSTRUCTION PLANS FOR WATER MAIN AND SERVICE LINE SPECIFICATIONS.
3. INSTALL TRACER WIRE ON NON-METAL SERVICE LINES: WRAP WIRE THREE (3) TIMES AROUND WATER MAIN. SECURE TO SERVICE LINE AT MAX. 3' INTERVALS WITH VINYL ELECTRICAL TAPE OR APPROVED METHOD. ENSURE WIRE IS SECURELY ATTACHED TO CORP STOP & TO METER YOKE. LEAVE 1' OF TRACER WIRE BEYOND SECURE CONNECTION TO YOKE, WITH BARED END, COILED INSIDE METER BOX FOR CONNECTION OF LOCATOR GROUNDING EQUIPMENT. SEE TECHNICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.



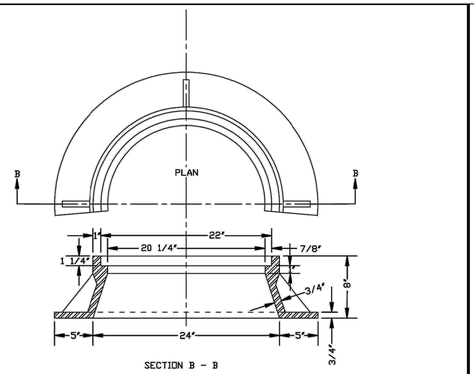
PARTS SCHEDULE - WATER SERVICE LINE

PART DESCRIPTION	MANUFACTURER	MODEL# for METER SIZE INDICATED		
		5/8"	3/4"	1"
CORP STOP	FORD	FB1001-3-G-NL		FB1001-4-G-NL
	MUELLER	B-25009N 3/4"		B-25009N 1"
	A.Y. McDONALD	74701B-3Q 3/4"		74701B-3Q 1"
BALL ANGLE VALVE	FORD	BA94-313W-G-NL	BA94-323W-G-NL	BA94-444W-G-NL
	MUELLER	B-24273-N 5/8"	B-24273-N 3/4"	B-24273-N 1"
	A.Y. McDONALD	74642BYG 3/4"x5/8"	74642BYG 3/4"	74642BYG 1"
CAST IRON METER YOKE	FORD	Y501	Y503	Y504
	MUELLER	5010	H5030	H5040
	A.Y. McDONALD	14-1	14-3	14-4
EXPANSION WHEEL	FORD	EC-1-NL	EC-23-NL	EC-4-NL
	MUELLER	H-14234-5/8"	H-14234-3/4"	H-14234-1"
	A.Y. McDONALD	714-1EHG	714-2EHG	714-4EHG
ANGLE CHECK VALVE	FORD	HHCA94-313-G-NL	HHCA94-323-G-NL 3/4"	HHCA94-444-G-NL
	MUELLER	H-14466-AN 5/8"x3/4"	H-14466-AN 3/4"	H-14466-AN 1"
	A.Y. McDONALD	712-3YT 23	712-3YT 33	712-3YT 44
COMPRESSION UNION	FORD	C44-33-4-7S-G-NL		C44-44-G-NL
	MUELLER	H-15409N 3/4"		H-15409N 1"
	A.Y. McDONALD	74758-11 3/4"		74758-11 1"
COMPRESSION WYE: 1" x 3/4" x 3/4"	FORD	Y44-243-G-NL		(TYPE III CONNECTION ONLY)
	MUELLER	H-15354N		
	A.Y. McDONALD	708YSOZ 1x3/4"		
METER BOX	CAPITAL FOUNDRY of VA	MBX3130		N/A
	DFW	N/A		1324C-18MAFDEEP

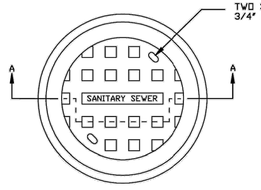
NOT TO SCALE

CITY of STAUNTON, VIRGINIA	TYPICAL NEW WATER SERVICE CONNECTION & METER ASSEMBLY UP TO 1"	DRAWING NUMBER W-1

A6 NEW WATER SERVICE CONNECTION
NOT TO SCALE

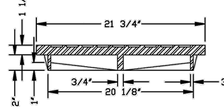


SECTION B - B



TOP

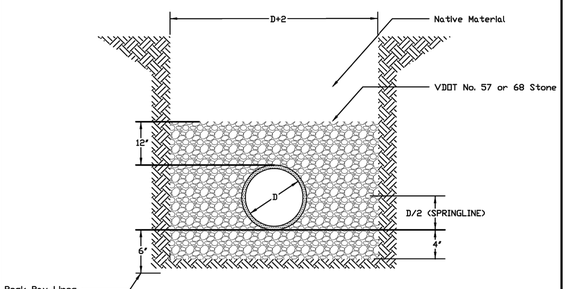
NOTES:
DETAIL MH-2 IS IDENTICAL TO TO V.D.H.&T MH-1 STANDARD
MATERIAL - CAST IRON
WEIGHT - 376 LBS ±



SECTION A - A

CITY OF STAUNTON, VA	STANDARD HEAVY TRAFFIC MANHOLE FRAME & COVER	Draw No. S-5

A5 STANDARD HEAVY TRAFFIC MANHOLE LID
NOT TO SCALE



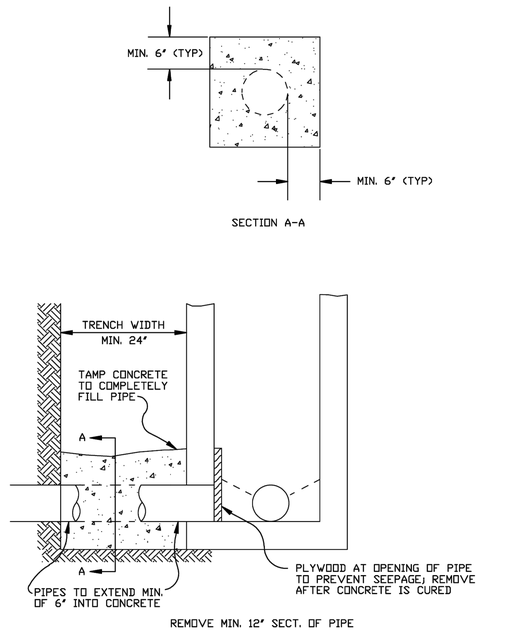
BACKFILL SHALL BE PLACED IN 6" LAYERS FROM THE BOTTOM OF THE TRENCH TO A POINT AT LEAST 6" ABOVE THE PIPE AND THOROUGHLY TAMPED BY HAND OR PNEUMATIC TAMPER, HOWEVER DO NOT TAMP DIRECTLY OVER THE PIPE

FINAL BACKFILL MAY BE PLACED IN LAYER THICKNESSES WHICH WILL PERMIT COMPACTION TO A DENSITY OF AT LEAST 95%

REINFORCED CONCRETE AND DUCTILE IRON PIPE SHALL BE BACKFILLED W/57 OR 68 TO SPRINGLINE ONLY

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

A3 SEWER PIPE INSTALLATION
NOT TO SCALE



REMOVE MIN. 12" SECT. OF PIPE

CITY OF STAUNTON, VA	PLUGGING ABANDONED LINE AT MANHOLE	Draw No. S-12

A2 PLUGGING ABANDONED LINE
NOT TO SCALE

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

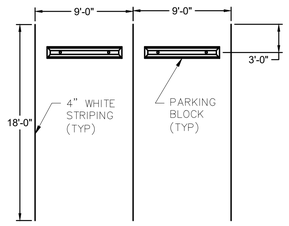
MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 5/14/2025
DRAWN: AAB DESIGN: JRM
CHECK: WRM

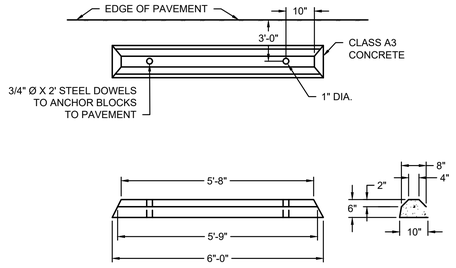
SHEET TITLE
CIVIL DETAILS

SHT. NO. C-503 REV. NO. 0

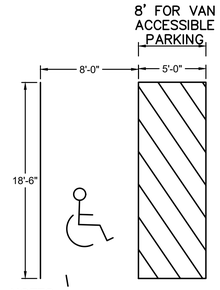
12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-503.dwg



D6 STANDARD PARKING SPACE DETAIL
NOT TO SCALE



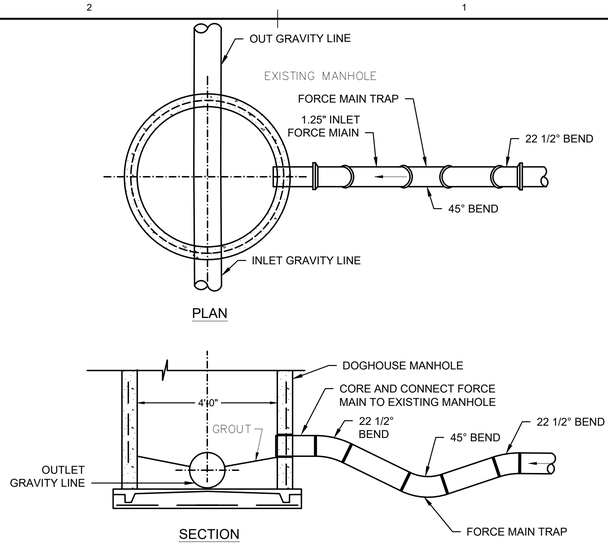
D5 PRECAST CONCRETE PARKING BLOCK
NOT TO SCALE



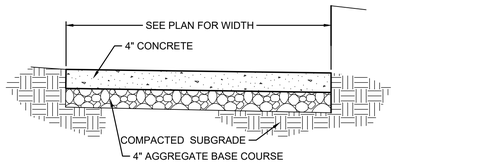
NOTES:

1. LINES SHALL BE SOLID WHITE.
2. LINES SHALL BE 4IN. IN WIDTH.
3. SPACING BETWEEN 45° DIAGONAL LINES SHALL BE 24IN.

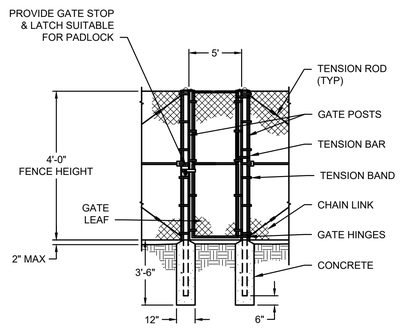
D3 HANDICAP PARKING SPACE DETAIL
NOT TO SCALE



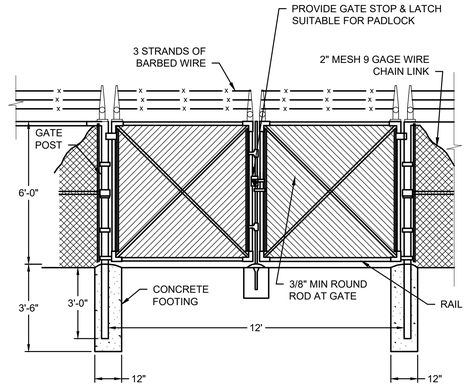
D2 TYPICAL FORCE MAIN MANHOLE CONNECTION DETAIL
NOT TO SCALE



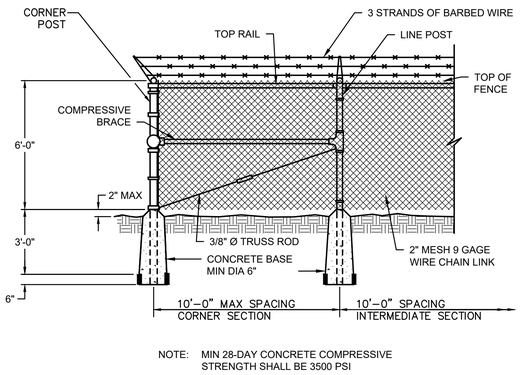
C6 CONCRETE PAVEMENT
NOT TO SCALE



B6 5' WIDE INTERIOR FENCE GATE
NOT TO SCALE

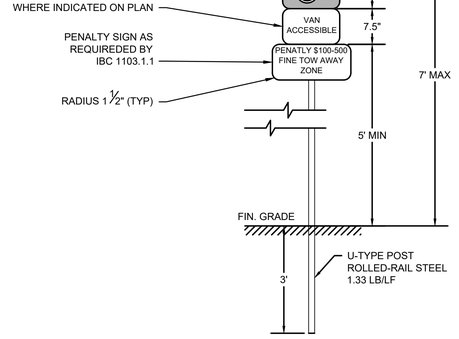


B5 DOUBLE SWING GATE
NOT TO SCALE



NOTE: MIN 28-DAY CONCRETE COMPRESSIVE STRENGTH SHALL BE 3500 PSI

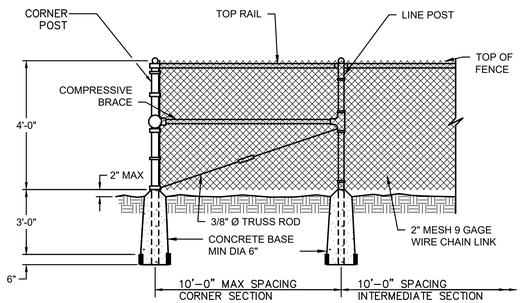
B3 PERIMETER FENCE
NOT TO SCALE



NOTES:

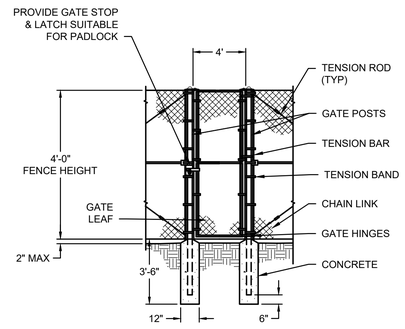
1. HANGING ORDER OF THE VAN ACCESSIBLE SPACE AND PENALTY SIGN DOES NOT MATER.
2. THE VAN ACCESSIBLE SIGN IN NOT REQUIREDED BY CODE AND SHALL ONLY BE HUNG WHEN INDICATED ON THE PLAN.

B1 HANDICAP PARKING SIGNAGE
NOT TO SCALE

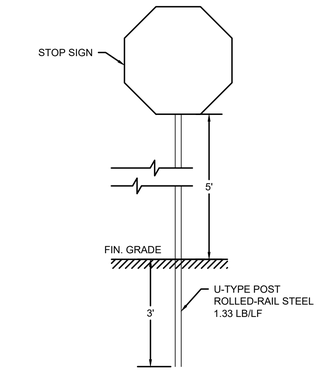


NOTE: MIN 28-DAY CONCRETE COMPRESSIVE STRENGTH SHALL BE 3500 PSI

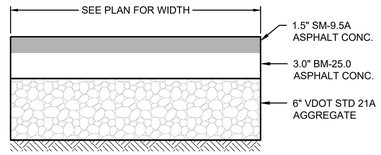
A6 INTERIOR FENCE
NOT TO SCALE



A4 4' WIDE INTERIOR FENCE GATE
NOT TO SCALE



A3 STOP SIGN DETAIL
NOT TO SCALE



A2 ASPHALT PAVEMENT SECTION
NOT TO SCALE

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

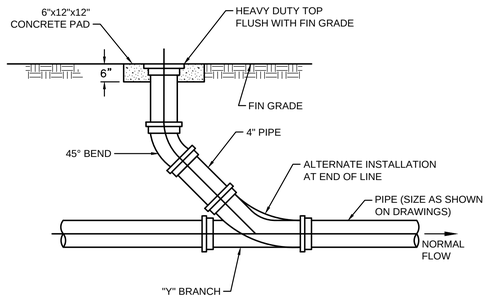
COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE

CIVIL DETAILS

SHT. NO.	REV. NO.
C-504	0

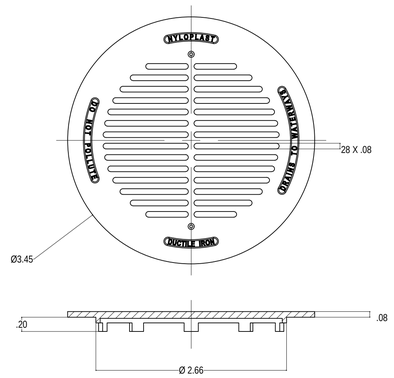
12/26/2013 6:33 AM
X:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-504.dwg



D6 TYPICAL CLEANOUT
NOT TO SCALE

1801DI

APPROX. DRAIN AREA = 84.61 SQ IN
APPROX. WEIGHT = 47.22 LBS



DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRATE HAS LIGHT DUTY RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY ACT AS STATED IN FEDERAL REGISTER PART III, DEPARTMENT OF JUSTICE, 28 CFR PART 36.

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST. ©2013 NYLOPLAST

DRAWN BY	CJA	MATERIAL	
DATE	7-5-01		
REVISED BY	JJC	PROJECT NO./NAME	
DATE	8-14-12		
DWG SIZE	A	SCALE 1:6 SHEET 1 OF 1	

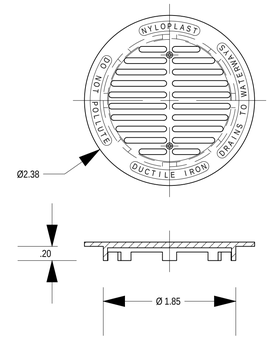
ADS Nyloplast — 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com

TITLE: 18 IN DROP IN
DWG NO. 7001-110-074 REV D

D4 NYLOPLAST 18" DROP IN LID
NOT TO SCALE

1201DI

APPROX. DRAIN AREA = 39.75 SQ IN
APPROX. WEIGHT = 15 LBS



DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRATE HAS LIGHT DUTY RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY ACT AS STATED IN FEDERAL REGISTER PART III, DEPARTMENT OF JUSTICE, 28 CFR PART 36.

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST. ©2013 NYLOPLAST

DRAWN BY	AWA	MATERIAL	
DATE	3-5-00		
REVISED BY	EBC	PROJECT NO./NAME	
DATE	4-13-11		
DWG SIZE	A	SCALE 1:6 SHEET 1 OF 1	

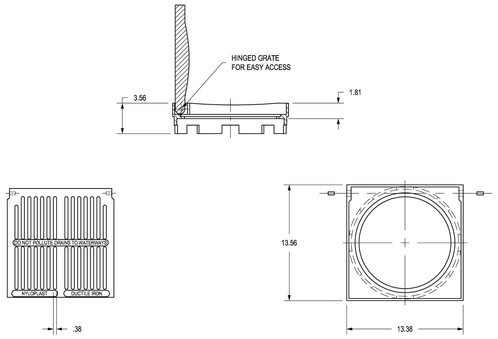
ADS Nyloplast — 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com

TITLE: 12 IN DROP IN
DWG NO. 7001-110-021 REV D

D2 NYLOPLAST 12" DROP IN LID
NOT TO SCALE

1299CGP

APPROX. DRAIN AREA = 50.60 SQ IN
APPROX. WEIGHT WITH FRAME = 35.04 LBS



DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRATE MEETS H-10 LOAD RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY ACT AS STATED IN FEDERAL REGISTER PART III, DEPARTMENT OF JUSTICE, 28 CFR PART 36.
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO. 7001-110-034

THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST. ©2013 NYLOPLAST

DRAWN BY	EBC	MATERIAL	
DATE	03-03-06	DUCTILE IRON	
REVISED BY	CCA	PROJECT NO./NAME	
DATE	08-28-13		
DWG SIZE	A	SCALE 1:8 SHEET 1 OF 1	

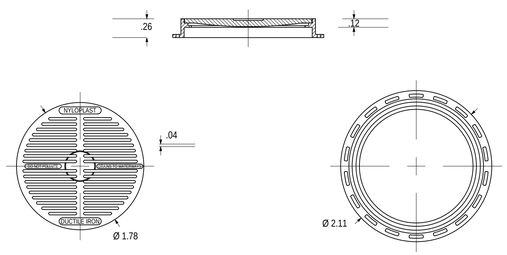
ADS Nyloplast — 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com

TITLE: 12 IN PEDESTRIAN GRATE ASSEMBLY
DWG NO. 7001-110-202 REV D

B6 NYLOPLAST 12" PEDESTRIAN SAFE LID
NOT TO SCALE

1899CGP

APPROX. DRAIN AREA = 87.29 SQ IN
APPROX. WEIGHT WITH FRAME = 60.75 LBS



DIMENSIONS ARE FOR REFERENCE ONLY
ACTUAL DIMENSIONS MAY VARY
DIMENSIONS ARE IN INCHES
GRATE MEETS H-10 LOAD RATING
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY ACT AS STATED IN FEDERAL REGISTER PART III, DEPARTMENT OF JUSTICE, 28 CFR PART 36.
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO. 7001-110-028

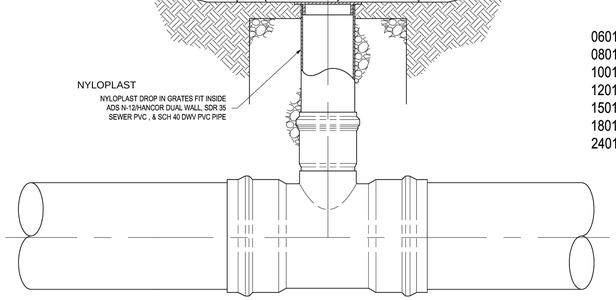
THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST. ©2013 NYLOPLAST

DRAWN BY	EBC	MATERIAL	
DATE	03-07-06	DUCTILE IRON	
REVISED BY	CCA	PROJECT NO./NAME	
DATE	08-30-13		
DWG SIZE	A	SCALE 1:10 SHEET 1 OF 1	

ADS Nyloplast — 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com

TITLE: 18 IN PEDESTRIAN GRATE ASSEMBLY - TYPE C
DWG NO. 7001-110-212 REV D

B4 NYLOPLAST 18" PEDESTRIAN SAFE LID
NOT TO SCALE



THIS PRINT DISCLOSES SUBJECT MATTER IN WHICH NYLOPLAST HAS PROPRIETARY RIGHTS. THE RECEIPT OR POSSESSION OF THIS PRINT DOES NOT CONFER, TRANSFER, OR LICENSE THE USE OF THE DESIGN OR TECHNICAL INFORMATION SHOWN HEREIN REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST. ©2013 NYLOPLAST

DRAWN BY	AWA	MATERIAL	
DATE	5-4-00		
REVISED BY	EBC	PROJECT NO./NAME	
DATE	2-9-10		
DWG SIZE	A	SCALE 1:8 SHEET 1 OF 1	

ADS Nyloplast — 3130 VERONA AVE BUFORD, GA 30518 PHN (770) 932-2443 FAX (770) 932-2490 www.nyloplast-us.com

TITLE: 6 IN - 24 IN DROP IN GRATE INSTALLATION
DWG NO. 7001-110-017 REV E

B2 NYLOPLAST GRATE DETAIL
NOT TO SCALE

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JOHN R MOORE
Lic. No. 036337
2025-05-14
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	5/14/2025
DRAWN: AAB	DESIGN: JRM
CHECK: WRM	

SHEET TITLE
CIVIL DETAILS

SHT. NO.	REV. NO.
C-505	0

12/26/2013 6:33 AM
x:\2024\240163 cos gypsy hill pool house\700 drawings\702 civil\SHEETS\240163A23_C-505.dwg

STRUCTURAL NOTES

A. GENERAL

1. STRUCTURAL GENERAL NOTES ARE INTENDED TO HIGHLIGHT OR IN SOME CASES SUPPLEMENT PROJECT SPECIFICATIONS. REFER TO THE PROJECT SPECIFICATIONS FOR COMPLETE WORK COVERAGE.

2. THE DESIGN OF THE STRUCTURE COMPLIES WITH THE 2021 INTERNATIONAL BUILDING CODE AND THE 2021 VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC).

3. GRAVITY DESIGN LOADS ARE AS FOLLOWS:

   a. SUPERIMPOSED DEAD LOADS:

FINISHES	ACTUAL
ROOFING – SHINGLES	3 PSF
ROOF - INSULATION	2 PSF
MECHANICAL	3 PSF
CEILING	3 PSF
SPRINKLER SYSTEMS	AS REQ'D (3 PSF MIN)

   b. LIVE LOADS:

ROOF – FABRIC AWNINGS & CANOPY	5 PSF
ROOF – MINIMUM	20 PSF
SLAB-ON-GRADE, UNO	100 PSF
STORAGE – LIGHT	125 PSF
MECHANICAL ROOM	150 PSF

4. HANDRAILS AND GUARDS RAILS MUST BE DESIGNED FOR A LINEAR LOAD OF 50 POUNDS PER FOOT OR CONCENTRATED LOAD OF 200 POUNDS, EACH APPLIED NON-CONCURRENTLY TO THE TOP OF THE HANDRAIL, IN ANY DIRECTION TO CREATE THE WORST LOAD EFFECT. BALUSTERS, PANEL FILLERS, AND GUARDRAIL INFILL COMPONENTS, INCLUDING ALL RAILS EXCEPT THE HANDRAIL AND TOP RAIL, MUST BE DESIGNED FOR A HORIZONTAL LOAD OF 50 POUNDS OVER A 12 INCH BY 12 INCH AREA LOCATED TO CREATE THE WORST LOAD EFFECT.

5. IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE'S SECTION 1607.4, THE FLOOR SYSTEM IS DESIGNED TO WITHSTAND CONCENTRATED LOADS ASSUMED ACTING UNIFORMLY ON A 2-1/2 FEET SQUARE AREA AND LOCATED TO PRODUCE THE MAXIMUM EFFECT IN STRUCTURAL MEMBERS.

6. THE DESIGN OF THE STRUCTURE TO RESIST SNOW LOADS IS IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE'S SECTION 1608 AND ASCE 7, CHAPTER 7

GROUND SNOW LOAD	P_g = 48 PSF
FLAT ROOF SNOW LOAD	P_f = 37 PSF
EXPOSURE FACTOR	C_e = 0.9 PSF
IMPORTANCE FACTOR	I_S = 1.0
ROOF THERMAL FACTOR	C_t = 1.2
ROOF SLOPE FACTOR	C_s = 1.0

   ROOFS WITH DRIFTING THE DESIGN OF THE STRUCTURE TO RESIST DRIFT LOADS ON LOWER ROOFS IS IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE'S SECTION 1608 AND ASCE 7, SECTION 7.7.

7. THE DESIGN OF THE STRUCTURE TO RESIST WIND PRESSURES IS IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE'S SECTION 1609.0, WHICH IS BASED ON ASCE 7, CHAPTER 26. DESIGN INFORMATION IS AS FOLLOWS:

DESIGN WIND SPEED (ULTIMATE)	V = 109 MPH
DESIGN WIND SPEED (SERVICE)	V_{ASD} = 85 MPH
RISK CATEGORY	II
WIND EXPOSURE CATEGORY FOR MWFRS	C
INTERNAL PRESSURE COEFFICIENT	GC_{Pi} = ± 0.18
COMPONENTS AND CLADDING PRESSURE	SEE PLANS

8. THE DESIGN OF THE STRUCTURE TO RESIST RAIN LOADS IS IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE'S SECTION 1611, AND ASCE 7 CHAPTER 8. THE RAIN INTENSITY, I, IS 5.0 IN/HR PER 15-MINUTE PRECIPITATION INTENSITY.

9. THE DESIGN OF THE STRUCTURE TO RESIST SEISMIC FORCES IS IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE'S SECTION 1613, AND ASCE 7, CHAPTERS 11 TO 18:

RISK CATEGORY	II
IMPORTANCE FACTOR	I_e = 1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS	
SHORT PERIODS (T=0.2 s)	S_S = 0.17g
LONG PERIODS (T=1.0 s)	S_1 = 0.058g
SITE CLASS	D (DEFAULT)
DESIGN SPECTRAL RESPONSE ACCELERATIONS	
SHORT PERIODS (T=0.2s)	S_{DS} = 0.14g
LONG PERIODS (T=1.0s)	S_{D1} = 0.08g
SEISMIC DESIGN CATEGORY	B
BASIC SEISMIC FORCE RESISTING SYSTEM	ORDINARY REINFORCED MASONRY WALLS
RESPONSE MODIFICATION FACTOR	R= 2.0
SEISMIC RESPONSE COEFFICIENT	C_S = 0.07
DESIGN BASE SHEAR	V = 11 KIPS
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE

10. THE FOLLOWING ESTIMATED MECHANICAL EQUIPMENT WEIGHTS ARE COORDINATED WITH THE MECHANICAL ENGINEERS' BASIS OF DESIGN:

    FOR CASES WHERE THE PURCHASED EQUIPMENT EXCEEDS THE LISTED ESTIMATED EQUIPMENT WEIGHT BY 10%, CONTACT THE STRUCTURAL ENGINEER TO DETERMINE IF STRUCTURAL STRENGTHENING IS REQUIRED.

11. IMPOSED CONSTRUCTION LOADS IN EXCESS OF STATED DESIGN LOADS MUST BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO THE IMPOSITION OF SUCH LOADS.

12. THE GENERAL CONTRACTOR AND SUB-CONTRACTORS MUST DETERMINE THE SCOPE OF THE STRUCTURAL WORK FROM THE CONTRACT DOCUMENTS TAKEN AS A WHOLE. THE STRUCTURAL DRAWINGS MUST NOT BE CONSIDERED SEPARATELY FOR PURPOSES OF BIDDING THE STRUCTURAL WORK. DUE CONSIDERATION MUST BE GIVEN TO OTHER STRUCTURAL WORK OR WORK RELATED TO THE STRUCTURE, INCLUDING NECESSARY COORDINATION DESCRIBED OR IMPLIED BY THE ARCHITECTURAL AND MECHANICAL DRAWINGS.

13. THE REPRODUCTION OF THE STRUCTURAL CONTRACT DOCUMENTS IN ANY FASHION AS STRUCTURAL SHOP DRAWING DOCUMENTS IS PROHIBITED.

14. SCALES NOTED IN THE DRAWINGS ARE FOR GENERAL INFORMATION ONLY. NO DIMENSIONAL INFORMATION MUST BE OBTAINED BY DIRECT SCALING OF THE DRAWINGS.

15. DETAILS, SECTIONS AND NOTES SHOWN ON THESE DRAWINGS ARE INTENDED TO BE TYPICAL AND MUST APPLY TO SIMILAR CONDITIONS ELSEWHERE UNLESS OTHERWISE SHOWN OR NOTED.

16. STRUCTURAL MEMBERS HAVE BEEN LOCATED AND DESIGNED TO ACCOMMODATE THE MECHANICAL EQUIPMENT AND OPENINGS SPECIFIED BY THE MECHANICAL ENGINEER. ANY SUBSTITUTIONS RESULTING IN REVISIONS TO THE STRUCTURE MUST BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE STRUCTURAL ENGINEER.

17. COORDINATE STRUCTURAL SUPPORT LOCATIONS WITH EQUIPMENT SERVICE ACCESS CLEARANCES PER EACH EQUIPMENT MANUFACTURER AND PER BUILDING CODE.

18. PRINCIPAL OPENINGS IN THE STRUCTURE ARE INDICATED ON THE CONTRACT DOCUMENTS. REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR SLEEVES, CURBS, INSERTS, ETC. NOT HERIN INDICATED. OPENINGS IN SLABS WITH A MAXIMUM SIDE DIMENSION OR DIAMETER OF 12 INCHES OR LESS MUST NOT REQUIRE ADDITIONAL FRAMING OR REINFORCEMENT, UNLESS NOTED OTHERWISE. LOCATION OF SLEEVES OR OPENINGS IN STRUCTURAL MEMBERS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL.

19. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL RESULTING REVISIONS TO THE STRUCTURAL SYSTEM AS A RESULT OF ACCEPTANCE OF CONTRACTOR PROPOSED ALTERNATIVES OR SUBSTITUTIONS.

20. THE GENERAL CONTRACTOR (OR CONSTRUCTION MANAGER) MUST SUBMIT SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS FOR APPROVAL. THE STRUCTURAL ENGINEER WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL CERTIFICATION AND DESIGN OF THE PROJECT IF THE GENERAL CONTRACTOR FAILS TO OBTAIN APPROVAL OF THE SHOP DRAWINGS. SHOP DRAWINGS ARE REVIEWED AS A CONVENIENCE TO THE GENERAL CONTRACTOR AND ARE NOT A CONTRACT DOCUMENT. THE GENERAL CONTRACTOR MUST STATE ON THE SHOP DRAWINGS THAT CONTRACT DOCUMENT REQUIREMENTS HAVE BEEN MET AND THAT ALL DIMENSIONS, CONDITIONS, AND QUANTITIES HAVE BEEN REVIEWED AND VERIFIED AS SHOWN AND/OR CORRECTED ON THE SHOP DRAWINGS.

21. THE CONTRACTOR MUST BE RESPONSIBLE FOR PROVIDING TEMPORARY BRACING AND SHORING, AS REQUIRED, TO ENSURE VERTICAL AND LATERAL STABILITY OF THE ENTIRE STRUCTURE OR PORTION THEREOF DURING CONSTRUCTION.

22. TEMPORARY BRACING MUST BE PROVIDED FOR ALL WALLS SUBJECT TO UNBALANCED BACKFILL. BRACE WALL PLUMB UNTIL STABILIZING ELEMENT ABOVE IS IN PLACE.

23. ALL WALLS ARE DESIGNED AS LATERALLY BRACED BY THE FLOOR SYSTEMS. CONTRACTOR MUST ENSURE THAT WALLS ARE ADEQUATELY BRACED DURING CONSTRUCTION.

24. ALL COLUMNS AND FOOTINGS MUST BE CENTERED ON GRIDLINES IN EACH DIRECTION, UNLESS NOTED OTHERWISE.

25. THE STRUCTURE HAS BEEN DESIGNED FOR THE IN-SERVICE LOADS ONLY. THE METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. SUPPORTING FORMWORK FOR THE CONCRETE CONSTRUCTION MUST NOT BE REMOVED BEFORE THE CONCRETE HAS GAINED SUFFICIENT STRENGTH TO SAFELY SUPPORT THE DEAD AND SUPERIMPOSED LOADS WHICH WOULD BE SUBSEQUENTLY APPLIED. THE CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.

26. METHODS, PROCEDURES, AND SEQUENCES OF CONSTRUCTION ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST TAKE ALL NECESSARY PRECAUTIONS TO MAINTAIN AND ENSURE THE INTEGRITY OF THE STRUCTURE AT ALL STAGES OF CONSTRUCTION.

27. THE CONTRACTOR MUST FABRICATE AND ERECT STEEL IN ACCORDANCE WITH OSHA'S SAFETY REQUIREMENTS, 29 CFR 1926 SAFETY STANDARDS FOR STEEL ERECTION; FINAL RULE.

28. A REGISTERED ENGINEER MUST DESIGN ALL NON-PRIMARY STRUCTURAL ELEMENTS SUCH AS, BUT NOT LIMITED TO THE FOLLOWING: MULLIONS AND RAILINGS TO MEET THE REQUIREMENTS OF THE LOCAL GOVERNING JURISDICTION. SUBMIT CALCULATIONS AND SHOP DRAWINGS WITH THE RESPONSIBLE ENGINEER'S SEAL AND SIGNATURE FOR THE STATE WHERE THE CONSTRUCTION TAKES PLACE.

29. DELEGATED DESIGN ITEMS IDENTIFIED IN THE CONSTRUCTION DRAWINGS MUST BE ENGINEERED BY A REGISTERED ENGINEER TO MEET THE REQUIREMENTS OF THE LOCAL GOVERNING JURISDICTION. SUBMIT CALCULATIONS AND SHOP DRAWINGS WITH THE RESPONSIBLE ENGINEER'S SEAL AND SIGNATURE FOR THE STATE WHERE THE CONSTRUCTION TAKES PLACE.

30. PREFABRICATED COMPONENTS, SPECIALTY ITEMS AND DESIGN-BUILD ELEMENTS NOTED ON THE DRAWINGS, WHICH REQUIRE THE MANUFACTURER OR SUPPLIER TO PROVIDE THE DESIGN, MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AS DEFERRED SUBMITTALS. DEFERRED SUBMITTALS REQUIRED BY THE STRUCTURAL ENGINEER INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
    a. MULLIONS
    b. HANDRAILS, GUARDRAILS AND THEIR COMPONENTS
    c. WOOD TRUSSES, BRACING, BRIDGING, AND CONNECTIONS

31. DEFERRED SUBMITTALS MUST INCLUDE CALCULATIONS AND DRAWINGS PREPARED AND STAMPED BY A LICENSED ENGINEER (SPECIALTY ENGINEER) IN THE STATE WHERE CONSTRUCTION TAKES PLACE SHOWING THE LOCATION AND MAGNITUDE OF LOADS, CONFIGURATION AND SIZE OF MEMBERS AND COMPATIBILITY OF SUBMITTAL ITEMS WITH THE PRIMARY STRUCTURAL SYSTEM.

32. THE PURPOSE OF THE STRUCTURAL ENGINEER'S REVIEW IS LIMITED TO DETERMINING THAT THE DRAWINGS AND CALCULATIONS HAVE BEEN PROPERLY SEALED, THAT THE LOAD CRITERIA ARE IN GENERAL CONFORMANCE WITH THE STRUCTURAL DRAWINGS AND WITH THE APPLICABLE BUILDING CODE, THAT CONNECTIONS TO THE PRIMARY STRUCTURE ARE COMPATIBLE WITH THE PRIMARY DESIGN, AND THAT THE PRIMARY STRUCTURE IS CAPABLE OF SUPPORTING THE IMPOSED LOADS.

33. THE STRUCTURAL ENGINEER WILL RELY UPON THE SPECIALTY ENGINEER'S SEAL AS CERTIFICATION THAT THE DEFERRED SUBMITTAL ITEMS DESIGNED BY THE SPECIALTY ENGINEER COMPLY WITH THE CRITERIA SET FORTH IN THE STRUCTURAL DRAWINGS AND APPLICABLE CODES AND STANDARDS. THE STRUCTURAL ENGINEER WILL NOT BE RESPONSIBLE FOR THE ADEQUACY OF DESIGNS PROVIDED BY OTHERS.

B. DEMOLITION

1. ALL WORK MUST BE IN GENERAL COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE 2021.

2. FURNISH ALL LABOR AND MATERIALS NECESSARY TO PERFORM THE DEMOLITION WORK IN A COMPLETED MANNER SUCH THAT NEW WORK CAN BE INSTALLED WITH MINIMUM PREPARATION.

3. CONTRACTOR MUST INCLUDE IN THE SCOPE OF WORK ALL ASPECTS OF REQUIRED DEMOLITION, SHORING OF EXISTING STRUCTURE, STAGING THE REPAIR TASKS AND SCHEDULING THE WORK IN A MANNER APPROVED BY THE BUILDING MANAGEMENT, CLEAN UP AFTER PORTIONS OF WORK ARE PERFORMED AND CLEAN UP AFTER THE ENTIRE REPAIR IS COMPLETED.

4. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL TEMPORARY SHORING AND BRACING REQUIRED FOR DEMOLITION OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF AND PROCEDURES FOR THE REQUIRED TEMPORARY SHORING. TEMPORARY SHORING MUST BE IN CONFORMANCE WITH OSHA REGULATIONS.

5. THE CONTRACTOR MUST TAKE PRECAUTIONS TO PREVENT DAMAGE OF THE EXISTING STRUCTURE. IN THE EVENT OF DAMAGE, CONTRACTOR MUST PROVIDE TEMPORARY SHORING AND CONTACT THE STRUCTURAL ENGINEER FOR ASSESSMENT OF THE DAMAGE.

6. SCHEDULE ALL WORK IN A CAREFUL MANNER WITH ALL NECESSARY CONSIDERATION FOR FACILITY OPERATIONS, AND FACILITY PERSONNEL. ANY DAMAGE TO PERSON OR PROPERTY AS A RESULT OF DEMOLITION AND RELATED WORK IS THE RESPONSIBILITY OF THE CONTRACTOR.

7. ERECT BARRIERS FENCES, GUARDRAILS, WARNING DEVICES AND SHORING TO PROTECT PERSONNEL WORKING IN THE AREA.

8. SUBMIT PROCEDURES AND SCHEDULE PROPOSED FOR THE ACCOMPLISHMENT OF THE DEMOLITION WORK TO THE OWNER FOR APPROVAL. INCLUDE SAFE CONDUCT OF THE WORK, DISPOSITION OF MATERIALS, PROTECTION OF REMAINING PROPERTY AND COORDINATION WITH OTHER WORK.

9. THE CONTRACTOR MUST TAKE MEASURES TO COORDINATE THE CONSTRUCTION SUCH THAT INTERFERENCE OF EXISTING REINFORCING STEEL WITH PLACEMENT OF NEW ANCHORS (DOWELS, EXPANSION BOLTS, ADHESIVE ANCHORS) DOES NOT OCCUR. IF EXISTING REINFORCING STEEL IS ENCOUNTERED DURING DRILLING, ADJUST THE ANCHOR LOCATION IF POSSIBLE AND NOTIFY THE STRUCTURAL ENGINEER. ABANDONED HOLES MUST BE FILLED WITH GROUT. ANCHORS MUST BE SET WITHIN 3 INCHES OF THEIR SPECIFIED LOCATION, BUT AT LEAST 1 INCH FROM ANY ABANDONED HOLE. CARE MUST BE TAKEN NOT TO BREAK OR DAMAGE REINFORCING STEEL DURING DRILLING, UNLESS OTHERWISE DIRECTED BY THE STRUCTURAL ENGINEER.

C. FOUNDATIONS AND EARTHWORK

1. GEOTECHNICAL INFORMATION IS CONTAINED IN A REPORT PREPARED BY SCHNABEL ENGINEERING, REPORT NUMBER 24430051.000, DATED MARCH 10, 2025. BORING LOGS AND LABORATORY TEST RESULTS ARE INCLUDED FOR REFERENCE IN THE PROJECT MANUAL.

2. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS CONTAINED IN THE GEOTECHNICAL REPORT AND THE PROJECT SPECIFICATIONS WHEN PERFORMING EXCAVATIONS, FOOTING CONSTRUCTION, AND PREPARING THE SUBGRADE UNDER THE SLAB ON GRADE.

3. IF CONSTRUCTION FOUNDATION CONDITIONS VARY FROM THE GEOTECHNICAL REPORT, BEFORE CONTINUING CONSTRUCTION, NOTIFY THE GEOTECHNICAL ENGINEER, STRUCTURAL ENGINEER AND ARCHITECT.

4. THE FOUNDATION DESIGN FOR THE STRUCTURE IS FOR AN ASSUMED ALLOWABLE SOIL BEARING PRESSURE OF 3,000 PSF. FOUNDATIONS EXPOSED TO FROST MUST BEAR A MINIMUM OF 30 INCHES BELOW FINISHED GRADE.

5. WHERE LATERAL EARTH PRESSURES ARE SUPERIMPOSED ON THE FOUNDATION, THE STRUCTURE IS DESIGNED FOR THE FOLLOWING LATERAL EARTH PRESSURES (EQUIVALENT FLUID PRESSURE):

ACTIVE PRESSURE	45 PCF
AT-REST PRESSURE	60 PCF
PASSIVE PRESSURE	360 PCF

6. THE ABOVE LATERAL EARTH PRESSURES ARE BASED ON PROVIDING A GRAVITY DRAINAGE SYSTEM CONSISTING OF THE FOLLOWING AND IN ACCORDANCE WITH THE GEOTECHNICAL REPORT:

   a. CLEAN, WELL-GRADED GRANULAR BACKFILL WITH A FILTER FABRIC SEPARATING THE GRANULAR MATERIAL FROM THE BACKFILL.
   b. DRAINAGE MATERIAL WITH A FILTER FABRIC PLACED AGAINST THE BACKFILL SIDE OF THE WALL.
   c. INTERCEPTOR DRAIN SYSTEM AT THE TOP OF THE FOOTING ON THE BACKFILL SIDE.
   d. WATER COLLECTION INTO FOR DISCHARGE INTO STORM SEWER.

7. RETAINING WALL DESIGNS ARE FOR IN SERVICE LOADS ONLY. TEMPORARILY SHORE THE WALL PLUMB UNTIL OBTAINING THE SPECIFIED 28-DAY CONCRETE COMPRESSIVE STRENGTH (f'_c) AND ALL SUPPORTING ELEMENTS ARE IN PLACE WITH COMPACTED BACKFILL.

8. DO NOT OVER EXCAVATE THE FOOTPRINT OF SPREAD FOOTINGS, STRIP FOOTINGS, OR OTHER SOIL FORMED FOUNDATION ELEMENTS. IF OVER EXCAVATION IS REQUIRED BEYOND THE 4 INCH CONSTRUCTION TOLERANCE, FORM THE SIDES OF THE FOOTING.

9. CLEAN AND TAMP SHALLOW FOUNDATION EXCAVATIONS TO A UNIFORM SURFACE. IF PLACEMENT OF CONCRETE IS NOT WITHIN 24 HOURS OF FOUNDATION EXCAVATION, TEMPORARILY PROTECT SIDES AND BOTTOMS OF FOUNDATION EXCAVATIONS WITH A POLYETHYLENE MEMBRANE.

10. PLACE CONCRETE FOR WALL FOOTINGS MONOLITHICALLY WITH COLUMN FOOTINGS. CONSTRUCTION JOINTS IN WALL FOOTINGS MUST BE MADE ONLY MIDWAY BETWEEN COLUMN FOOTINGS.

11. PROVIDE POSITIVE DRAINAGE AWAY FROM STRUCTURAL AREAS MUST BE MAINTAINED DURING SITE GRADING AND THROUGHOUT CONSTRUCTION. UPON COMPLETION OF DAILY EARTHWORK OPERATIONS, THE GROUND SURFACE MUST BE SEALED BY THOROUGH ROLLING TO REDUCE INFILTRATION OF PRECIPITATION AND TO FACILITATE RUNOFF.

12. DURING CONSTRUCTION, CARE SHOULD BE TAKEN TO PREVENT SURFACE WATER FROM PONDING IN AND/ORD ADJACENT TO THE CONSTRUCTION AREAS.

13. BURIED FOUNDATIONS AND OTHER ASSOCIATED DEPRIS MAY BE ENCOUNTERED DURING GRADING ACTIVITES. EXISTING FOUNDATIONS, UTILITIES, AND DRAINAGE STRUCTURES WITHIN THE BUILDING AREA SHOULD BE REMOVED AND REPLACED WITH COMPACTED STRUCTURAL FILL IN ACCORDANCE WITH THE GEOTECHNICAL REPORT.

D. SOIL SUPPORTED SLABS

1. PREPARE, PLACE, AND COMPACT FILL THAT SUPPORTS SLABS AS RECOMMENDED IN THE GEOTECHNICAL REPORT.

2. FOR SOIL SUPPORTED SLABS, PROPERLY COMPACT AND PROOFROLL SUBGRADE AS RECOMMENDED IN THE GEOTECHNICAL REPORT. MAINTAIN THE SUBGRADE FREE OF STANDING WATER, MUD AND FROZEN SOIL. PROVIDE A MINIMUM OF 4 INCHES OF GRANULAR MATERIAL PER THE GEOTECHNICAL REPORT. COVER GRANULAR MATERIAL WITH A VAPOR RETARDER BEFORE PLACING THE SLAB.

3. FOR SLAB ON GRADE REINFORCEMENT, PROVIDE WELDED WIRE FABRIC IN FLAT SHEETS.

4. SUPPORT SLAB ON GRADE REINFORCEMENT WITH STANDARD CORROSION RESISTANT HIGH CHAIRS WITH SAND BEARING PLATES.

5. IF THE SLAB IS TO SUPPORT BRITTLE ARCHITECTURAL FLOOR FINISHES, SUCH AS STONE OR CERAMIC TILE, ALIGN ALL SLAB JOINTS WITH JOINTS IN THE FINISH MATERIAL.

6. PROVIDE SLAB CONTROL JOINTS AT EACH COLUMN LINE IN EACH DIRECTION FOR SLABS ON GRADE. SPACE ADDITIONAL JOINTS AT A MAXIMUM OF 30 TIMES THE SLAB THICKNESS OR 15 FEET, WHICHEVER IS LESS. PLACE JOINTS SO THAT PANEL LENGTH TO WIDTH RATIOS ARE LESS THAN 1.5.

7. FREE WATER ON THE SLAB SURFACE DURING FINISHING OPERATIONS IS PROHIBITED. SOFT CUT CONTROL JOINTS AS SOON AS POSSIBLE – GENERALLY WITHIN 6 HOURS AFTER FINISHING.

8. WHERE SLAB CONTROL JOINTS ARE SHOWN ON THE DRAWINGS, CONSTRUCTION JOINTS MAY BE SUBSTITUTED TO ACCOMMODATE THE CONTRACTOR'S PLACEMENT STRATEGY. UNLESS OTHERWISE NOTED ON THE DRAWINGS, PROVIDE ¾" DIAMETER BY 1'-4" SMOOTH DOWELS AT 12 INCHES ON CENTER AT SLAB ON GRADE CONSTRUCTION JOINTS. GREASE ONE END OF DOWELS.

9. WHERE SHEAR TRANSFER IS REQUIRED ACROSS SLAB CONTROL JOINTS, PROVIDE DOWEL BASKET ASSEMBLIES. AREA OF STEEL MUST MEET THE REQUIREMENTS OF ACI 360 TABLE 6.1 FOR ROUND DOWELS OR SQUARE BARS OR AS REQUIRED BY MANUFACTURER FOR PLATE DOWELS.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT
SHEET TITLE
STRUCTURAL NOTES
SHT. NO. S-001 | REV. NO. 0

5/14/2025 12:23:51 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt

E. CONCRETE

1. ALL CONCRETE WORK MUST BE IN ACCORDANCE WITH ACI 301, ACI 318 AND ACI 302.

2. PROVIDE CONCRETE WITH A MINIMUM COMPRESSIVE STRENGTH (f'_c) AT 28 DAYS, A MAXIMUM WATER/CEMENT RATIO, AND DURABILITY EXPOSURE CATEGORIES (FREEZE/THAW, SULFATE, WATER CONTACT, AND CORROSION PROTECTION, RESPECTIVELY) AS FOLLOWS:

ELEMENT	*COMPRESSIVE STRENGTH*	*WATER CEMENT RATIO*	*DURABILITY*
FOOTINGS	3,000 PSI	0.55	F0, S0, W0, C0
FOUNDATION WALLS	4,500 PSI	0.45	F2, S0, W1, C1
PIERS	4,500 PSI	0.45	F2, S0, W1, C1
RETAINING WALLS	4,500 PSI	0.45	F2, S0, W1, C1
EXTERIOR SLABS ON GRADE	5,000 PSI	0.4	F3, S0, W1, C2
INTERIOR SLABS ON GRADE	4,000 PSI	0.45	F0, S0, W0, C0

   USE NORMAL WEIGHT AGGREGATES CONFORMING TO ASTM C33 AND TYPE I/II PORTLAND CEMENT CONFORMING TO ASTM C150.

3. FLY ASH CONFORMING TO ASTM C618, TYPE C OR F MAY BE USED AS TO REPLACE A PORTION OF THE PORTLAND CEMENT IN A CONCRETE MIX. THE AMOUNT OF PORTLAND CEMENT CONTENT MUST NOT BE LESS THAN 70 PERCENT OF THE TOTAL AMOUNT OF CEMENTITIOUS MATERIAL IN THE MIX.

4. GROUND GRANULATED BLAST-FURNACE SLAG CONFORMING TO ASTM C989, MAY BE USED AS TO REPLACE A PORTION OF THE PORTLAND CEMENT IN A CONCRETE MIX. THE AMOUNT OF PORTLAND CEMENT CONTENT MUST NOT BE LESS THAN 70 PERCENT OF THE TOTAL AMOUNT OF CEMENTITIOUS MATERIAL IN THE MIX.

5. CONCRETE REINFORCEMENT BARS MUST CONFORM TO ASTM A615, GRADE 60. REINFORCEMENT BARS MUST NOT BE TACK WELDED, WELDED, HEATED OR CUT UNLESS INDICATED ON THE CONTRACT DOCUMENTS OR APPROVED BY THE STRUCTURAL ENGINEER.

6. PROVIDE WELDED WIRE FABRIC CONFORMING TO ASTM A1064 IN FLAT SHEETS. LAP FABRIC TWO MESHES AT SPLICES.

7. GROUT UNDER ALL COLUMN BASE PLATES AND BEAM BEARING PLATES WITH NON-SHRINK, NON-METALLIC GROUT WHICH CONFORMS TO CORPS OF ENGINEERS SPECIFICATION CRD-C 621-82 OR ASTM C1107.

8. DETAILING OF CONCRETE REINFORCEMENT BARS AND ACCESSORIES MUST CONFORM TO THE RECOMMENDATIONS OF ACI 315 "DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" AND ACI SP-66 "DETAILING MANUAL". PLACING OF REINFORCING BARS MUST CONFORM TO THE RECOMMENDATIONS OF ACI 315R "MANUAL OF ENGINEERING AND PLACING DRAWINGS FOR REINFORCED CONCRETE STRUCTURES" AND CRSI "MANUAL OF STANDARD PRACTICE".

9. MIX, TRANSPORT, AND PLACE CONCRETE PER THE RECOMMENDATIONS OF ACI 301.

10. PROVIDE CONCRETE COVER PROTECTION OF REINFORCEMENT PER ACI 318 SECTION 20.6.1.3 WITH STANDARD BAR CHAIRS AND SPACERS REQUIRED TO MAINTAIN MINIMUM CONCRETE PROTECTION. TYPICAL COMMON MINIMUM CONCRETE COVER APPLYING TO THIS PROJECT INCLUDES, BUT IS NOT LIMITED TO THE FOLLOWING:

    CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH
    3 INCHES
    CONCRETE EXPOSED TO EARTH OR WEATHER
    #6 BARS AND LARGER 2 INCHES
    #5 BARS AND SMALLER 1 1/2 INCHES
    CONCRETE NOT EXPOSED TO WEATHER OR GROUND CONTACT
    #14 BARS AND LARGER 1 1/2 INCHES
    #11 BARS AND SMALLER ¾ INCHES
    ADDITIONALLY, COVERS MUST NOT EXCEED THE FOLLOWING:
    SLABS ON GRADE 2 INCHES (TOP)

11. WELDING OF REINFORCEMENT BARS IS NOT PERMITTED.

12. REINFORCEMENT DESIGNATED AS "CONTINUOUS" MUST LAP 48 BAR DIAMETERS AT SPLICES UNLESS NOTED OTHERWISE. REINFORCEMENT BAR SPLICES IN GRADE BEAMS MUST BE LOCATED AT THE CENTERLINE OF SUPPORTS FOR BOTTOM BARS AND AT MIDSPAN FOR TOP BARS. PROVIDE STANDARD ACI HOOKS FOR TOP AND BOTTOM BARS AT DISCONTINUOUS ENDS OF ALL GRADE BEAMS.

13. HORIZONTAL FOOTING AND HORIZONTAL WALL REINFORCEMENT MUST BE CONTINUOUS AND MUST HAVE 90-DEGREE BENDS AND EXTENSIONS, OR CORNER BARS OF EQUIVALENT SIZE LAPPED 48 BAR DIAMETERS, AT CORNERS AND INTERSECTIONS.

14. PROVIDE CORNER BARS AT ALL WALL INTERSECTIONS WITH SIZE AND SPACING TO MATCH HORIZONTAL WALL REINFORCEMENT.

15. TIE DOWELS IN PLACE BEFORE PLACING CONCRETE. DO NOT STAB OR "WET-SET" DOWELS.

16. HORIZONTAL JOINTS WILL NOT BE PERMITTED IN CONCRETE CONSTRUCTION EXCEPT AS SHOWN ON THE CONTRACT DOCUMENTS. VERTICAL JOINTS MUST OCCUR AT CENTER OF SPANS AT LOCATIONS APPROVED BY THE STRUCTURAL ENGINEER.

17. PROVIDE HORIZONTAL CONSTRUCTION JOINTS ONLY WHERE SHOWN IN THE CONTRACT DOCUMENTS. AT HORIZONTAL JOINTS, ROUGHEN THE LOWER CONTACT SURFACE WITH ABOUT A ¼ INCH AMPLITUDE. REMOVE ANY LAITANCE FROM THE HARDENED CONTACT SURFACE AND MAINTAIN A CLEAN CONTACT SURFACE FOR THE ADJOINING POUR.

18. CHAMFER EXPOSED EDGES OF CONCRETE ¾" UNLESS OTHERWISE NOTED.

19. SHORING UNDER FORMS MUST NOT BE REMOVED UNTIL THE CONCRETE IT SUPPORTS IS CAPABLE OF SUPPORTING ITSELF AND ALL SUPERIMPOSED LOADS.

20. PROTECT AND CURE ALL CONCRETE SURFACES. BEGIN CURING WALLS IMMEDIATELY AFTER STRIPPING FORMS AND FLATWORK IMMEDIATELY AFTER FINISHING.

21. INSTALL AND SECURE EMBEDMENTS SUCH AS ANCHOR BOLTS AND EMBEDMENT PLATES WITHIN SPECIFIED TOLERANCES BEFORE CONCRETE PLACEMENT.

22. DO NOT SLEEVE BEAMS OR COLUMNS WHERE NOT SHOWN ON THE STRUCTURAL DRAWINGS WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.

23. DO NOT PLACE CONDUIT OR PIPES IN ANY CONCRETE ELEMENTS INCLUDING SLABS, BEAMS, WALLS OR COLUMNS UNLESS INDICATED IN THE STRUCTURAL DOCUMENTS.

F. POST-INSTALLED ANCHORS

1. POST-INSTALLED ANCHORS MUST ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS.

2. THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE ENGINEER-OF-RECORD PRIOR TO INSTALLING POST-INSTALLED ANCHORS IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS.

3. ANCHORAGE TO CONCRETE:
   a. MECHANICAL ANCHORS MUST HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACI 355.2 AND ICC-ES AC193 FOR CRACKED AND UNCRACKED CONCRETE RECOGNITION.
   b. ADHESIVE ANCHORS MUST HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ACE 355.4 AND ICC-ES AC 308 FOR CRACKED AND UNCRACKED CONCRETE RECOGNITION.

4. ANCHORAGE TO SOLID-GROUTED CONCRETE MASONRY:
   a. MECHANICAL ANCHORS MUST HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC01 OR AC106.
   b. ADHESIVE ANCHORS MUST HAVE BEEN TESTED AND QUALIFIED FOR USE IN ACCORDANCE WITH ICC-ES AC58.

5. INSTALL ANCHORS PER THE MANUFACTURER INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.

6. ANCHOR CAPACITY IS DEPENDANT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.

7. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON THE DRAWINGS THAT THE BARS CAN BE CUT, THE CONTRACTOR MUST REVIEW THE EXISTING STRUCTURAL DRAWINGS AND MUST UNDERTAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE LOCATIONS OF THE CONCRETE ANCHORS.

8. THE CONTRACTOR MUST TAKE MEASURES TO COORDINATE THE CONSTRUCTION SUCH THAT INTERFERENCE OF EXISTING REINFORCING STEEL WITH PLACEMENT OF NEW ANCHORS (DOWELS, EXPANSION BOLTS, ADHESIVE ANCHORS) DOES NOT OCCUR. IF EXISTING REINFORCING STEEL IS ENCOUNTERED DURING DRILLING, ADJUST THE ANCHOR LOCATION IF POSSIBLE AND NOTIFY THE STRUCTURAL ENGINEER. ABANDONED HOLES MUST BE FILLED WITH GROUT. ANCHORS MUST BE SET WITHIN 3 INCHES OF THEIR SPECIFIED LOCATION, BUT AT LEAST 1 INCH FROM ANY ABANDONED HOLE. CARE MUST BE TAKEN NOT TO BREAK OR DAMAGE REINFORCING STEEL DURING DRILLING, UNLESS OTHERWISE DIRECTED BY THE STRUCTURAL ENGINEER.

G. CONCRETE MASONRY

1. MASONRY CONSTRUCTION MUST BE PERFORMED IN ACCORDANCE WITH TMS 402 "BUILDING CODE FOR MASONRY STRUCTURES" AND TMS 602, "SPECIFICATION FOR MASONRY STRUCTURES."

2. CONCRETE MASONRY UNITS MUST CONFORM TO ASTM C90, GRADE N-1 UNLESS OTHERWISE NOTED. COMPRESSIVE STRENGTH ON NET CROSS SECTIONAL AREA OF INDIVIDUAL MASONRY UNITS MUST BE 2,000 PSI. NET AREA COMPRESSIVE STRENGTH OF MASONRY ($f'm$) MUST BE 2,000 PSI.

3. MASONRY MUST BE LAID IN ASTM C270, TYPE "S" MORTAR, UNLESS NOTED OTHERWISE AND MUST HAVE FULL MORTAR COVERAGE OF THE FACE SHELLS IN BOTH HORIZONTAL AND VERTICAL JOINTS.

4. GROUT FOR REINFORCED MASONRY MUST CONFORM TO ASTM C476.

5. GROUT FOR REINFORCED MASONRY MUST HAVE A COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS AND MUST CONFORM TO THE FOLLOWING:
   a. GROUT IN SPACES 3" X 4" AND GREATER MUST HAVE A SLUMP OF 9" TO 11" WITH 3/8" MAXIMUM AGGREGATE SIZE.
   b. GROUT IN SPACES 2" X 4" AND SMALLER MUST HAVE A SLUMP OF 5" AND CONFORM TO ASTM C476.

6. GALVANIZED HORIZONTAL JOINT REINFORCEMENT MUST BE PLACED IMMEDIATELY ABOVE AND BELOW ALL OPENINGS AND AT 16 INCHES ON CENTER VERTICALLY. REINFORCEMENT MUST BE L TRUSS TYPE, AND WHERE SPLICED, MUST LAP A MINIMUM OF 6 INCHES. REINFORCEMENT MUST CONFORM TO ATSM A82.

7. EXCEPT FOR WALL PILASTERS, VERTICAL MASONRY REINFORCEMENT MUST BE FIELD CUT FOR 4'-0" LIFTS AND LAPPED SPLICED A MINIMUM OF 48 BAR DIAMETERS. MASONRY CORES CONTAINING VERTICAL REINFORCEMENT MUST BE GROUTED SOLID.

8. CELLS TO BE GROUTED MUST BE CLEAN AND FREE OF EXCESS MORTAR AND FOREIGN MATERIALS.

9. GROUT ALL CELLS THAT INCLUDE REINFORCEMENT, ANCHORS OR STRUCTURAL EMBEDMENTS. PLACE GROUT IN 4'-0" LIFTS. CONSOLIDATE ALL GROUT PLACEMENTS BY MECHANICAL VIBRATION. PROVIDE CLEANOUTS FOR TOTAL GROUT PLACEMENT HEIGHT OVER 5'-0".

10. PROVIDE 2 COURSES OF SOLID CMU PER ASTM C145 OR GROUT-FILLED CMU BENEATH ALL BEAMS AND HEADER BEARING POINTS.

11. PROVIDE MASONRY ACCESSORIES TO SECURE VERTICAL REINFORCEMENT IN PLACE AND CORRECTLY POSITIONED. VERTICAL REINFORCEMENT IS TO BE CENTERED IN THE MASONRY CELLS UNLESS INDICATED OTHERWISE.

12. REINFORCEMENT MUST CONFORM TO THE STANDARDS SPECIFIED IN THE CONCRETE NOTES. REINFORCEMENT MUST BE LAP SPLICED A MINIMUM OF 48 BAR DIAMETERS UNLESS NOTED OTHERWISE.

13. THE MASONRY CONTRACTOR MUST PROVIDE AND PLACE SUCH SPECIAL UNITS AS MAY BE REQUIRED TO FORM ALL CORNERS, RETURNS, AND OFFSETS WHILE MAINTAINING THE PROPER BOND.

14. WHERE INTERIOR CONCRETE MASONRY PARTITIONS INTERSECT WITH OTHER INTERIOR PARTITIONS OR EXTERIOR WALLS, A MASONRY BOND, OR THE EQUILVALENT IN APPROVED METAL TIES, MUST BE PROVIDED UNLESS NOTED OTHERWISE ON THE DRAWINGS.

15. REINFORCE ALL JAMB CELLS, CORNER CELLS, TEE CELLS, END CELLS AND AT EACH SIDE OF CONTROL JOINTS FULL HEIGHT – MATCH TYPICAL WALL REINFORCING UNLESS OTHERWISE NOTED.

16. FACE SHELL BEDDING MUST BE USED WITH COMPLETE COVERAGE OF FACE SHELLS. FURROWING OF THE MORTAR MUST NOT BE PERMITTED.

17. MORTAR JOINTS MUST BE 3/8" THICK WITH FULL MORTAR COVERAGE ON VERTICAL AND HORIZONTAL FACE SHELLS.

18. PROVIDE TWO (2) #5 CONTINUOUS IN BOND BEAMS UNLESS NOTED OTHERWISE ON THE DRAWINGS. REINFORCEMENT PLACED IN BOND BEAMS MUST BE LAPPED A MINIMUM OF 48 BAR DIAMETERS AT SPLICES. PROVIDE CORNER BARS OF EQUIVALENT SIZE LAPPED 48 BAR DIAMETERS AT CORNERS AND INTERSECTIONS OF WALLS.

19. PLACE CONTROL JOINTS IN MASONRY WALLS SO THAT PANEL LENGTH TO HEIGHT RATIO DOES NOT EXCEED 1.5, AND THE MAXIMUM PANEL LENGTH DOES NOT EXCEED 25 FEET. SEE TEK 10-2B, PUBLISHED BY THE NATIONAL CONCRETE MASONRY ASSOCIATION. ADDITIONAL PARAMETERS ARE AS FOLLOWS:
   a. PLACE ADDITIONAL CONTROL JOINTS AT ABRUPT CHANGES IN WALL SECTION INCLUDING AT SIDES OF WINDOW AND DOOR OPENINGS AND AT CHANGES IN WALL HEIGHT.
   b. PLACE ADDITIONAL CONTROL JOINTS AT ALL CHANGES IN WALL THICKNESS.
   c. INSTALL AND CENTER CONTROL JOINTS OVER JOINTS IN FOUNDATION AND FLOORS.
   d. INSTALL AND CENTER CONTROL JOINTS BELOW JOINTS IN ROOFS AND FLOOR THAT BEAR ON MASONRY WALLS.
   e. PROVIDE JOINTS AT A DISTANCE NOT OVER ONE-HALF THE REQUIRED JOINT SPACING FROM CORNERS, WALL INTERSECTIONS AND CHANGES IN WALL DIRECTION.
   f. FOR WALL OPENINGS SIX FEET OR LESS IN WIDTH, PLACE JOINTS AT END OF LINTELS AND SILLS ON ONE SIDE OF OPENING. FOR WALL OPENINGS GREATER THAN SIX FEET IN WIDTH, PLACE JOINTS AT END OF LINTELS AND SILLS ON BOTH SIDES OF OPENINGS.

20. WHERE MASONRY WALLS EXCEED AN EIGHT FOOT HEIGHT, SUBMIT SHOP DRAWINGS AND CALCULATIONS FOR TEMPORARY WALL BRACING SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE CONSTRUCTION TAKES PLACE.

21. SECURE MASONRY VENEER TO SUPPORTING WALLS

H. WOOD FRAMING AND PLYWOOD

1. ALL WOOD FRAME CONSTRUCTION MUST BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE 2021, SECTION 2308, UNLESS OTHERWISE NOTED.

2. ALL WOOD FRAMING MUST BE KILN DRIED NO. 2 DENSE (OR BETTER) DIMENSION SOUTHERN YELLOW PINE CONFORMING TO SOUTHERN PINE INSPECTION BUREAU GRADING RULES, AND MUST BE KILN DRIED TO 19% MAXIMUM MOISTURE CONTENT, UNLESS OTHERWISE NOTED.

3. PLYWOOD FOR SHEATHING MUST CONFORM TO THE GRADING RULES OF U.S. PRODUCT STANDARDS PS1, LATEST EDITION, AND MUST HAVE APPROPRIATE GRADE TRADEMARK OF AN AMERICAN PLYWOOD ASSOCIATION APPROVED AGENCY ON EACH PLYWOOD PANEL. SHEATHING MUST BE APA STRUCTURAL I RATED, EXTERIOR GRADE, IN THICKNESS SHOWN ON DRAWINGS. SHEATHING MUST BE APPLIED IN FULL SHEETS, OR AS SHOWN ON THE PLANS OR IN LARGEST PIECES FOR THE AREA BEING COVERED.

4. ALL MISCELLANEOUS WOOD CONNECTIONS MUST BE FASTENDED PER INTERNATIONAL BUILDING CODE TABLE 2304.10.1 "FASTENING SCHEDULE."

5. ALL ROOF SHEATHING MUST BE LAID CONTINUOUSLY BETWEEN THE EDGES OF THE ROOF. NO INTERRUPTIONS ARE PERMITTED AT CAP TRUSSES OR AT ROOF OVERBUILDS.

6. PRE-ENGINEERED WOOD ROOF TRUSSES AND TRUSS BRACING ARE TO BE DESIGNED BY THE MANUFACTURER FOR THE LOADS GIVEN. SHOP DRAWINGS CONTAINING A TRUSS LAY-OUT DRAWING INDICATING LOCATION AND BRACING REQUIREMENTS FOR ALL TRUSSES MUST BE SUBMITTED. SHOP DRAWINGS MUST INCLUDE BOTH TEMPORARY AND PERMANENT BRACING REQUIREMENTS. ALL SHOP DRAWINGS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE CONSTRUCTION TAKES PLACE AND SUBMITTED TO THE STRUCTURAL ENGINEER FOR APPROVAL.

7. GENERAL CONTRACTOR MUST BE AWARE THAT THE TRUSS MANUFACTURER MAY REQUIRE TRUSS ERECTION, WEB AND LATERAL BRACING MEMBERS INDEPENDENT OF THESE DRAWINGS. CONTRACTOR MUST SUPPLY AND INSTALL BRACING AS SPECIFIED UNLESS OTHERWISE AGREED TO BE SUPPLIED BY THE TRUSS MANUFACTURER.

8. HANDLING, INSTALLATION AND BRACING OF ALL TRUSSES MUST FOLLOW TPI PUBLICATION HIB-91. TRUSS MANUFACTURER MUST FULLY COORDINATE TRUSS BRACING REQUIREMENTS WITH THE CONTRACTOR PRIOR TO INSTALLATION.

9. CAP TRUSSES MUST BE ALIGNED DIRECTLY OVER TOP AND SECURELY FASTENED TO THE SUPPORTING MAIN TRUSSES BELOW.

10. ALL NON-BEARING WALLS BELOW PREFABRICATED TRUSSES MUST BE SLIP CONNECTED TO ALLOW FOR POTENTIAL TRUSS DEFLECTION AND UPLIFT.

11. TRUSS PROFILES INDICATE LOAD BEARING SUPPORT LOCATIONS AND BASIC SHAPES OF TRUSSES.
    A. UPLIFT CONNECTIONS PROVIDING A POSITIVE MECHANICAL CONNECTION BETWEEN ROOF TRUSSES AND SUPPORTING FRAMING BELOW ARE REQUIRED TO BE DESIGNED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THE DESIGN OF THE TRUSSES AND MUST BE DESIGNATED ON THE SHOP DRAWINGS.

I. STRUCTURAL STEEL

1. UNLESS NOTED OTHERWISE, STRUCTURAL STEEL MUST CONFORM TO THE FOLLOWING:

ANCHOR BOLTS	ASTM F154, GRADE 36
WIDE FLANGE SHAPES	ASTM A992-01, 50 KSI
ANGLES	ASTM A36
CHANNELS	ASTM A36
PLATES	A36
HSS RECTANGULAR	ASTM A500, GRADE C (Fy=50 KSI)
STEEL PIPE	ASTM A53, GRADE B (Fy=35 KSI)
ROUND BAR	ASTM A572/A572M, GRADE 50

   SUBMIT MILL TEST REPORTS FOR REVIEW.

2. BOLTS FOR STRUCTURAL STEEL CONNECTIONS MUST BE HIGH STRENGTH BOLTS PER THE REQUIREMENTS OF ASTM A325, TYPE N, X. UNLESS NOTED OTHERWISE, PROVIDE BOLTS DESIGNED AS BEARING TYPE BOLTS AND INSTALL PER THE "SNUG TIGHT" CONDITION. INSTALL A HARDENED WASHER UNDER THE ELEMENT TO BE TIGHTENED.

3. ANCHOR BOLTS LOCATED OUTSIDE OF THE BUILDING ENVELOPE MUST BE HOT DIPPED GALVANIZED PER ASTM F2329 UNLESS OTHERWISE NOTED.

4. DETAIL, FABRICATE AND ERECT STRUCTURAL STEEL PER THE AISC "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS," THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES" AND THE SAFETY REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION AND THE LOCAL JURISDICTION. PROVIDE TEMPORARY SEATS TO FACILITATE SAFE ERECTION.

5. THE FABRICATOR MUST PREPARE THE SHOP DRAWINGS BASED ON DESIGN LOADS PROVIDED OR CONNECTION DESIGN INFORMATION SHOWN IN THE TYPICAL DETAILS. THE FABRICATOR IS RESPONSIBLE FOR CHOOSING, DESIGNING AND DETAILING ALL CONNECTIONS PARTIALLY DETAILED IN THE CONTRACT DRAWINGS IN ACCORDANCE WITH PART 10 OF THE AISC "MANUAL OF STEEL CONSTRUCTION" FOURTEENTH EDITION.

6. STEEL CONNECTION MUST DEVELOP FACTORED END REACTIONS SHOWN ON DRAWINGS. PROVIDE AT LEAST TWO ROWS OF BOLTS AND USE A MINIMUM FACTORED END REACTION OF 14.0 KIPS.

7. IF THE FABRICATOR USES ALTERNATE CONNECTION DESIGNS, A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONSTRUCTION MUST SEAL AND SIGN THE CONNECTION DESIGNS AND SUBMIT WITH THE SHOP DRAWINGS.

8. FOR SIMPLE SHEAR CONNECTIONS, THE MINIMUM DEPTH OF THE CONNECTION MUST EXCEED 1/2 OF THE DEPTH OF THE SUPPORTED MEMBER. ADDITIONALLY, THE MINIMUM NUMBER OF ROWS OF BOLTS FOR BOLTED CONNECTIONS IS 2.

9. PERFORM WELDING IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY STANDARD D1.1. PROVIDE ELECTRODES FOR SHOP AND FIELD WELDS IN ACCORDANCE WITH AWS A5.1 OR AWS A5.5, CLASS E70XX, LOW HYDROGEN. ALL WELDS MUST USE FILLER METAL WITH A MINIMUM CVN VALUE OF 20 FT-LBS AT -20 DEGREES FAHRENHEIT.

10. ALL SHOP AND FIELD WELDING MUST BE EXECUTED BY WELDERS AND WELDING OPERATORS WHO HAVE BEEN PREVIOUSLY QUALIFIED BY TEST AS PRESCRIBED IN AWS D1.1 OF THE AMERICAN WELDING SOCIETY TO PERFORM THE TYPES OF WELDS REQUIRED ON THE PROJECT.

11. SHOP OR FIELD WELDS AT NON-BOLTED CONNECTIONS THAT ARE NOT SPECIFICALLY DETAILED MUST BE 3/16" CONTINUOUS FILLETS AT EACH CONTACT EDGE OR SURFACE.

12. RETURN ALL WELDS AT CORNERS TWICE THE NOMINAL SIZE OF THE WELD MINIMUM, UNLESS OTHERWISE NOTED.

13. ALL COPES, BLOCKS, CUT-OUTS, AND OTHER CUTTING OF STRUCTURAL MEMBERS MUST HAVE ALL RE-ENTRANT CORNERS SHAPED, NOTCHED FREE TO A RADIUS OF AT LEAST ½".

14. SEE ARCHITECTURAL AND OTHER ENGINEERING DRAWINGS FOR MISCELLANEOUS STEEL NOT SHOWN ON THE STRUCTURAL DRAWINGS.

15. NO FABRICATION MUST PROCEED PRIOR TO SHOP DRAWING APPROVAL.

16. NO OPENINGS IN BEAMS OR COLUMNS ARE PERMITTED UNLESS SPECIFIED IN THE STRUCTURAL DOCUMENTS. CONTRACTOR MUST SUBMIT ALL PROPOSED OPENING IN BEAMS FOR REVIEW BY THE STRUCTURAL ENGINEER.

17. SPLICING OF STRUCTURAL STEEL MEMBERS WHERE NOT DETAILED ON THE CONTRACT DOCUMENTS IS PROHIBITED WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER AS TO LOCATION, TYPE OF SPLICE AND CONNECTION TO BE MADE.

18. THE CONTRACTOR MUST NOTIFY WILEY WILSON, INC. OF ANY MISFABRICATION OF STRUCTURAL STEEL PRIOR TO ERECTION OF SAME.

19. ONE COAT OF SHOP PAINT MUST BE APPLIED TO ALL STRUCTURAL STEEL WITH THE EXCEPTION OF AREAS TO BE WELDED.

20. STRUCTURAL STEEL CAST INTO OR IN CONTACT WITH CONCRETE MUST NOT BE PAINTED.

21. EXPOSED STEEL MUST BE HOT DIPPED GALVANIZED. STEEL SHAPES, PLATES AND BARS MUST BE GALVANIZED PER ASTM A123. STEEL BOLTS, NUTS AND WASHERS MUST BE GALVANIZED PER ASTM A153, CLASS C. DAMAGED AND UNCOATED AREAS MUST BE REPAIRED PER ASTM A780.

J. SPECIAL INSPECTIONS

1. AN INDEPENDENT AGENCY MUST PERFORM SPECIAL INSPECTIONS PER THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE "USBC"SECTION 111.2 AND THE INTERNATIONAL BUILDING CODE. IN ACCORDANCE WITH INTERNATIONAL BUILDING CODE SECTION 1704.2.1, THE RESPONSIBLE INSPECTOR MUST MEET THE COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING REQUIREMENTS OF THE STATE WHERE CONSTRUCTION TAKES PLACE. THESE INSPECTIONS ARE IN ADDITION TO THE INSPECTIONS SPECIFIED IN SECTION 110.

2. WRITTEN REPORTS MUST BE SUBMITTED TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL STATING COMPLIANCE OR NON-COMPLIANCE WITH DESIGN DOCUMENTS AND SPECIFICATIONS. ALL REPORTS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE CONSTRUCTION TAKES PLACE.

3. WITH REGARDS TO SPECIAL INSPECTIONS:
   a. CONTINUOUS - THE CONSTANT MONITORING OF SPECIFIC TASKS BY AN APPROVED SPECIAL INSPECTOR. THESE INSPECTIONS MUST BE CARRIED OUT CONTINUOUSLY OVER THE DURATION OF THE PARTICULAR TASKS.
   b. PERFORM - PERFORM THESE TASKS FOR EACH ELEMENT, OCCURANCE, WELD, FASTENER OR BOLTED CONNECTION.
   c. OBSERVE - OBSERVE THESE SPECIAL INSPECTION ITEMS ON A PERIODIC DAILY BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS
   d. DOCUMENT MEANS TO DOCUMENT, WITH A REPORT, THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS IS IN ADDITION TO ANY OTHER REPORTS REQUIRED IN THE SPECIAL INSPECTIONS GUIDE SPECIFICATION.

4. FAILURE TO RETAIN AN INDEPENDENT TESTING AGENCY TO PERFORM THE REQUIRED SERVICES SPECIFIED ABOVE, OR FAILURE TO SUBMIT SIGNED AND SEALED REPORTS, INDICATES NON-COMPLIANCE WITH THE CONTRACT DOCUMENTS.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE
STRUCTURAL NOTES

SHT. NO. S-002 | REV. NO. 0

5/14/2025 12:23:51 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt

A. STRUCTURAL STEEL - WELDED SECTION

STEEL INSPECTION PRIOR TO WELDING-VERFIY THE FOLLOWING ARE IN COMPLIANCE WITH IBC 1705.2.1, AISC 360-10:TABLE C-N5.4-1

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	1. VERIFY THAT THE WELDING PROCEDURES SPECIFICATION (WPS) IS AVAILABLE	P	
Y	2. VERIFY MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES ARE AVAILABLE	P	
Y	3. VERIFY MATERIAL IDENTIFICATION	P	TYPE AND GRADE
Y	4. WELDER IDENTIFICATION SYSTEM	P	THE FABRICATOR OR ERECTOR, AS APPLICABLE, MUST MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE
Y	5. FIT-UP GROOVE WELDS (INCLUDING JOINT GEOMETERY)	O	• JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION) • BACKING TYPE AND FIT (IF APPLICABLE
Y	6. CONFIGURATION AND FINISH OF ACCESS HOLES	O	
Y	7. FIT-UP OF FILLET WELDS	O	• DIMENSIONS (ALIGNMENT, GAPS AT ROOT) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)

STEEL INSPECTION DURING WELDED-VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH IBC 1705.2.1, AISC 360-10: TABLE C-N5.4-2

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	8. USE OF QUALIFIED WELDERS	P	WELDING BY WELDERS, WELDING OPERATORS, AND TACK WELDERS WHO ARE QUALIFIED IN CONFORMANCE WITH REQS
Y	9. CONTROL AND HANDLING OF WELDING CONSUMABLES	O	• PACKAGING • ELECTRODE ATMOSPHERIC EXPOSURE CONTROL
Y	10. NO WELDING OVER CRACKED TACK WELDS	O	
Y	11. ENVIRONMENTAL CONDITIONS	O	• WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE
Y	12. WELDING PROCEDURES SPECIFICATIONS FOLLOWED	O	• SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.) • PROPER POSITION (F, V, H, OH) • INTERMIX OF FILLER METALS AVOIDED
Y	13. WELDING TECHNIQUES	O	• INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS

STEEL INSPECTION AFTER WELDING-VERFIY THE FOLLOWING ARE IN COMPLIANCE WITH IBC 2015 1705.2.1, AISC 360-10: TABLE C-N5.4-3

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	14. WELDS CLEANED	O	
Y	15. SIZE, LENGTH, AND LOCATION OF ALL WELDS	P	SIZE, LENGTH, AND LOCATION OF ALL WELDS CONFORM TO THE REQUIREMENTS OF THE DETAIL DRAWINGS
Y	16. WELDS MEET VISUAL ACCEPTANCE CRITERIAL	P&D	• CRACK PROHIBITION • WELD/BASE-METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY
Y	17. ARC STRIKES	P	
Y	18. k-AREA	P	WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE K-AREA, VISUALLY INSPECT THE WEB K-AREA FOR CRACKS
Y	19. BACKING REMOVED, WELD TABS REMOVED AND FINISHED, AND FILLET WELDS ADDED WHERE REQUIRED	P&D	
Y	20. REPAIR ACTIVITIES	P&D	
Y	21. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	

B. STRUCTURAL - STEEL- BOLTING SECTION

STEEL INSPECTION PRIOR TO BOLTING-VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH IBC 1705.2.1, AISC 360-10: TABLE C-N5.6-1

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	1. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	P	
Y	2. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQS	O	
Y	3. PROPER FASTENERS SELECTED FOR JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	O	
Y	4. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	
Y	5. CONNECTING ELEMENTS, INCLUDING APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	
Y	6. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS	O	

STEEL INSPECTION DURING BOLTING-VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH IBC 1705.2.1, AISC 360-10: TABLE C-N5.6-2

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	7. FASTENER ASSEMBLIES OF SUITABLE CONDITION PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQD	O	
Y	8. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION	O	
Y	9. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	
Y	10. BOLTS ARE PRETENSIONED IN ACCORDANCE WITH RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	

STEEL INSPECTION AFTER BOLTING-VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH IBC 2015 1705.2.1, AISC 360-10: TABLE C-N5.6-3

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	11. DOCUMENT ACCEPTANCE OR REJECTION OF ALL BOLTED CONNECTIONS	D	

C. STRUCTURAL - STEEL - NON DESTRUCTIVE TESTING SECTION

NONDESTRUCTIVE TESTING OF WELDED JOINTS-VERIFY THE FOLLOWING ARE IN COMPLIANCE IBC 1705.2.1, AISC 360-10: SECTION N5.5

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	1. USE OF QUALIFIED NONDESTRUCTIVE TESTING...	P	VISUAL WELD INSPECTION AND NONDESTRUCTIVE TESTING (NDT) SHALL BE CONDUCTED BY PERSONNEL QUALIFIED IN ACCORDANCE WITH AWS D1.8 CLAUSE 7.2
Y	2. CJP GROOVE WELDS	O	DYE PENETRANT TESTING (DT) AND ULTRASONIC TESTING (UT) SHALL BE PERFORMED ON 20% OF CJP GROOVE WELDS FOR MATERIALS GREATER THAN 5/26" (8mm) THICK. TESTING RATE MUST BE INCREASED TO 100% IF GREATER THAN 5% OF WELDS TESTED HAVE UNACCEPTABLE DEFECTS.
Y	3. WELDED JOINTS SUBJECT TO FATIGUE	O	DYE PENETRAN TESTING (DT) AND ULTRASONIC TESTING (UT) SHALL BE PERFORMED ON 100% OF WELDED JOINTS IDENTIFIED ON CONTRACT DRAWINGS AS BEING SUBJECT TO FATIGUE
Y	4. WELD TAB REMOVAL SITES	O	AT THE ENDS OF WELDS WHERE WELD TABS HAVE BEEN REMOVED, MAGNETIC PARTICLE TESTING SHALL BE PERFORMED ON THE SAME BEAM-TO-COLUMN JOINTS RECEIVING UT

INSPECTION DEFINITIONS:

1. **PERFORM:**

   PERFORM THESE TASKS FOR EACH ELEMENT, OCCURANCE, WELD, FASTENER OR BOLTED CONNETION, AND REQUIRED VERIFICATION.

2. **OBSERVE:**

   OBSERVE THESE ITEMS RANDOMLY DURING THE COURSE OF EACH WORK DAY TO INSURE THAT APPLICABLE REQUIREMENTS ARE BEING MET. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS AT CONTRACTOR'S RISK.

3. **DOCUMENT:**

   DOCUMENT, WITH A REPORT, THAT THE WORK HAS BEEN PERFOMRED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS IS IN ADDITION TO ANY OTHER REPORTS REQUIRED IN THE SPECIAL INSPECTIONS GUIDE SPECIFICATION.

4. **CONTINUOUS:**

   CONSTANT MONITORING OF IDENTIFIED TASKS BY A SPECIAL INSPECTOR OVER THE DURATION OF PERFORMANCE OF SAID TASKS.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE

SPECIAL INSPECTIONS

SHT. NO. S-003 | REV. NO. 0

5/14/2025 12:23:51 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt

D. STRUCTURAL - STEEL - OTHER INSPECTIONS

NONDESTRUCTIVE TESTING OF WELDED JOINTS-VERIFY THE FOLLOWING ARE IN COMPLIANCE IBC 1705.2.1, AISC 341: SECTION J7.2

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	ANCHOR RODS AND OTHER EMBEDMENTS SUPPORTING STRUCTURAL STEEL	P	VERIFY THE DIAMETER, GRADE, TYPE, AND LENGTH OF THE ANCHOR ROD OR EMBEDDED ITEM, AND THE EXTENT OR DEPTH OF EMBEDMENT PRIOR TO PLACEMENT OF CONCRETE

E. STRUCTURAL - CONCRETE CONSTRUCTION SECTION

CONCRETE CONSTRUCTION, INCLUDING COMPOSITE DECK – VERIFY THE FOLLOWING ARE IN COMPLIANCE IBC TABLE 1705.3 (ACI 318 REFERENCES NOTED IN IBC TABLE)

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	1. INSPECT REINFORCEMENT AND VERIFY PLACEMENT	O	VERIFY PRIOR TO PLACING CONCRETE THAT REINFORCING IS OF SPECIFIED TYPE, GRADE AND SIZE; THAT IS FREE OF OIL, DIRT AND UNACCEPTABLE RUST; THAT IS LOCATED AND SPACED PROPERLY; THAT HOOKS, BENDS, TIES, STIRRUPS AND SUPPLEMENTAL REINFORCEMENT ARE PLACED CORRECTLY; THAT LAP LENGTHS, STAGGER AND OFFSETS ARE PROVIDED; AND THAT ALL MECHANICAL CONNECTIONS ARE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS AND/OR EVALUATION REPORT
Y	2. REINFORCING BAR WELDING	O	• VERIFY WELDABILITY OF REINFORCING BARS OTHER THA ASTM A 706 • INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16" IN ACCORDANCE WITH AWS D1.4
Y	3. ALL OTHER WELDING	C	VISUALLY INSPECT ALL WELDS IN ACCORDANCE WITH AWS D1.4
Y	4. CAST IN PLACE ANCHORS AND POST INSTALLED DRILLED ANCHORS (DOWNWARD INCLINED)	O	VERIFY PRIOR TO PLACING CONCRETE THAT CAST IN PLACE ANCHOR AND POST INSTALLED DRILLED ANCHORS HAVE PROPER EMBEDMENT, SPACING AND EDGE DISTANCE
Y	5. POST-INSTALLED ADHESIVE ANCHORS IN HORIZONTAL OR UPWARD INCLINED ORIENTATION	C&D	• INSPECT AS REQUIRED PER APPROVED ICC-ES REPORT • VERIFY THAT INSTALLER IS CERTIFIED FOR INSTALLATION OF HORIZONTAL AND OVERHEAD APPLICATIONS • INSPECT PROOF LOADING AS REQUIRED BY THE • CONTRACT DOCUMENTS
Y	6. VERIFY USE OF REQUIRED MIX DESIGN	O	VERIFY THAT ALL MIXES USED COMPLY WITH THE APPROVED CONSTRUCTION DOCUMENTS
Y	7. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORMSLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	C	AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TEST VERIFY THESE TESTS ARE PERFORMED BY QUALIFIED TECHNICIANS
Y	8. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	C	VERIFY PROPER APPLICATION TECHNIQUES ARE USED DURING CONCRETE CONVEYANCE AND DEPOSITING AVOIDS SEGREGATION OR CONTAMINATION. VERIFY THAT CONCRE...
Y	9. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUE	O	INSPECT CURING, COLD WEATHER PROTECTION, AND HOT WEATHER PROTECTION PROCEDURES
Y	10. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED	O	

F. GEOTECHNICAL - SOILS INSPECTION SECTION

SOILS INSPECTION - VERIFY THE FOLLOWING ARE IN COMPLIANCE IBC CHAPTER 17

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	1. MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	O	
Y	2. EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		
Y	3. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	C	
Y	4. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	O	DURING FILL PLACEMENT, THE SPECIAL INSPECTOR SHALL VERIFY THAT PROPER MATERIALS AND PROCEDURES ARE USED IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT

G. STRUCTURAL - MASONRY CONSTRUCTION SECTION (ALL RISK CATEGORIES)

MASONRY CONSTRUCTION – VERIFY THE FOLLOWING ARE IN COMPLIANCE AT START OF CONSTRUCTION IBC 1705.4 (ACI 530-13 TABLE 3.1.2 & 3.1.3)

INSP REQ ?	TASK	INSP TYPE	DESCRIPTION
Y	1. COMPLIANCE WITH APPROVED SUBMITTALS PRIOR TO START	O	
Y	2. PROPORTIONS OF SITE-MIXED MORTAR	O	
Y	3. GRADE AND TYPE OF REINFORCEMENT, ANCHOR BOLTS, AND ANCHORAGES	O	

MASONRY CONSTRUCTION – VERIFY THE FOLLOWING ARE IN COMPLIANCE PRIOR TO GROUTING IBC 1705.4 (ACI 530-13 TABLE 3.1.2 & 3.1.3)

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	4. GROUT SPACE	O	
Y	5. PLACEMENT OF MASONRY UNITS AND MORTAR JOINTS	O	
Y	6. WELDING OF REINFORCEMENT	C	

MASONRY CONSTRUCTION – VERIFY THE FOLLOWING ARE IN COMPLIANCE DURING CONSTRUCTION IBC 1705.4 (ACI 530-13 TABLE 3.1.2 & 3.1.3)

INSP REQ ?	TASK	INSP TYPE	DESCRIPTION
Y	7. SIZE AND LOCATION OF STRUCTURAL ELEMENTS IS IN COMPLIANCE	O	
Y	8. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40 DEGREES (4.4 DEGREES CELSIUS) OR HOT WEATHER (TEMP ABOVE 9 DEGREES FARENHEIT 932.2 DEGRESS CELSIUS)	O	
Y	9. OBSERVE PREPARATION OF GROUT SPECIMENS,MORTAR SPECIMENS, AND/OR PRISMS	O	

H. STRUCTURAL - WOOD

WOOD INSPECTION - VERIFY THE FOLLOWING ARE IN COMPLIANCE WITH IBC CHAPTER 17

INSP REQ?	TASK	INSP TYPE	DESCRIPTION
Y	1. FABRICATION OF PREFABRICATED WOOD STRUCTURAL ELEMENTS AND ASSEMBLIES ON THE PREMISE OF THE FABRICATOR'S SHOP.	P	
Y	2. NAILING, BOLTING, ANCHORING AND OTHER FASTENING OF ELEMENTS OF THE MAIN WINDFORCE-RESISTING SYSTEM INCLUDING WOOD SHEAR WALLS, DIAPHRAGMS, GRAD STRUTS, BRACES AND HOLDOWNS.	P	

INSPECTION DEFINITIONS:

1. **PERFORM:**

   PERFORM THESE TASKS FOR EACH ELEMENT, OCCURANCE, WELD, FASTENER OR BOLTED CONNETION, AND REQUIRED VERIFICATION.

2. **OBSERVE:**

   OBSERVE THESE ITEMS RANDOMLY DURING THE COURSE OF EACH WORK DAY TO INSURE THAT APPLICABLE REQUIREMENTS ARE BEING MET. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS AT CONTRACTOR'S RISK.

3. **DOCUMENT:**

   DOCUMENT, WITH A REPORT, THAT THE WORK HAS BEEN PERFOMRED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS IS IN ADDITION TO ANY OTHER REPORTS REQUIRED IN THE SPECIAL INSPECTIONS GUIDE SPECIFICATION.

4. **CONTINUOUS:**

   CONSTANT MONITORING OF IDENTIFIED TASKS BY A SPECIAL INSPECTOR OVER THE DURATION OF PERFORMANCE OF SAID TASKS.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE

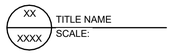
SPECIAL INSPECTIONS

SHT. NO. S-004 | REV. NO. 0

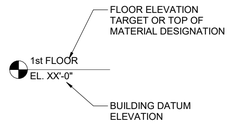
5/14/2025 12:23:51 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt

DRAWING SYMBOLS

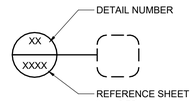
PLAN/SECTION TITLE



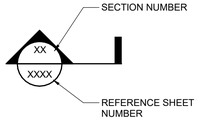
ELEVATION INDICATOR



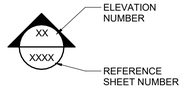
DETAIL INDICATOR



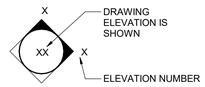
SECTION INDICATOR



ELEVATION INDICATOR



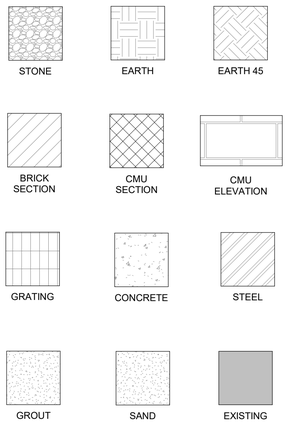
INTERIOR ELEVATION INDICATOR



NORTH ARROW

MATERIAL PATTERNS

NOTE:
PATTERNS ARE TYPICAL UNLESS OTHERWISE NOTED ON DRAWINGS



ABBREVIATIONS

ABBREVIATION	ABBREVIATION NAME
#	NUMBER
&	AND
=	EQUAL, EQUALS
@	AT
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ADD'L	ADDITIONAL
ADJ	ADJACENT
AFF	ABOVE FINISEHD FLOOR
AH, AHU	AIR HANDLING UNIT
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ALT	ALTERNATE
APA	AMERICAN PLYWOOD ASSOCIATION
APPROX	APPROXIMATELY
ARCH	ARCHITECTURAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
AT/FP	ANTI-TERRORISM/ FORCE PROTECTION
AWS	AMERICAN WELDING SOCIETY
BET	BETWEEN
BLW	BELOW
BM	BEAM
BOF	BOTTOM OF FOOTING
BOT, B/	BOTTOM
BRG	BEARING
C	CHANNEL
CENT	CENTERED
CFMF	COLD-FORMED METAL FRAMING
CFS	COLD-FORMED STEEL
CIP	CAST IN PLACE
CJ	CONTROL JOINT/CEILING JOIST
CJP	COMPLETE JOINT PENETRATION
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONN	CONNECT, CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
D	DEEP, DEPTH
D.B.A.	DEFORMED BAR ANCHOR
DEG	DEGREE
DEM	DEMOLISH, DEMOLITION
DEP	DEPRESSED
DET	DETAIL
DIA	DIAMETER
DIAG	DIAGONAL
DL	DEADLOAD
DO	DITTO
DT	DRAG TRUSS
DWG(S)	DRAWINGS
DWL	DOWEL
EA	EACH
EF	EACH FACE
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EXIST	EXISTING
EXT	EXTERNAL, EXTERIOR
FF	FAR FACE
FFE	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FJ	FLOOR JOIST
FMG	FRAMING
FN	FIELD NAIL
FND	FOUNDATION
FOC	FACE OF CONCRETE
FOM	FACE OF MASONRY
FOS	FACE OF STUD
FS	FAR SIDE
FT, '	FOOT
FTG	FOOTING
Fy	YIELD STRESS
GA	GAUGE
GLB	GLUED LAMINATED BEAM
GT	GIRDER TRUSS
GUSS	GUSSET
GYP BD	GYPSUM BOARD
HD	HOLD DOWN
HDR	HEADER
HGR	HANGER
HK	HOOK
HORIZ	HORIZONTAL
HP	HIGH POINT
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
HVAC	HEATNG/ VENTILATING/ AIR CONDITIONING
I	MOMENT OF INERTIA
IBC	INTERNATIONAL BUILDING CODE
ICF	INSULATED CONCRETE FORM
ID	INSIDE DIAMETER
IN, "	INCH
INCL	INCLUDE
INFO	INFORMATION
INS	INSULATED, INSULATION

ABBREVIATION	ABBREVIATION NAME
JST	JOIST
K, KIPS	THOUSAND POUNDS
L	LENGTH, ANGLE
LB	POUND
LG	LONG
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATE, LOCATION
LONG	LONGITUDINAL
LP	LOW POINT
LW	LIGHT WEIGHT
MAS	MASONRY
MB	MACHINE BOLT
MBR	MEMBER
MECH	MECHANICAL
MED	MEDIUM
MEZZ	MEZZANINE
MF	MOMENT FRAM
MFG, MANUF	MANUFACTURING
MIN	MINIMUM
MO	MASONRY OPENING
MOD	MODIFY, MODIFIED
MRF	MANUFACTURER
NF	NEAR FACE
NOM	NOMINAL
NS	NEAR SIDE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND, OVERHEAD
OWSJ	OPEN WEB STEEL JOIST
P/C	PIN CONNECTED
PAR	PARALLEL
PCC	PRECAST CONCRETE
PCF	POUNDS PER CUBIC FOOT
PEN	PENETRATION
PFJ	PERIMETER FELT JOINT
PL	PLATE
PLUMB	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED, POINT, PRETENSIONED
RAP	AGGREGATE PIERS
REINF	REINFORCING, REINFORCED
REQ	REQUIRED
RET	RETURN, RETAINING
REV	REVISION, REVISED
RF	ROOF
RFT	RAFTERS
RPM	REVOLUTIONS PR MINUTE
RS	ROUGH SAWN
RT	ROOF TRUSS
S	SECTION MODULUS
SC	SLIP CRITICAL
SCBRW	SEGMENTAL CONCRETE BLOCK RETAINING WALL
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SECT	SECTION
SEIS	SEISMIC
SEP	SEPARATION
SHT	SHEET
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SMS	SHEET METAL SCREW
SPEC(S)	SPECIFICATION(S)
SPRT	SUPPORT
SQ	SQUARE
SS	STAINLESS STEEL
ST	SNUG TIGHT
STD	STANDARD
STIF/STIFF	STIFFENER
STL	STEEL
STRUCT	STRUCTURAL, STRUCTURE
SUSP	SUSPENDED
SYM	SYMMETRICAL
T&B	TOP AND BOTTOM
T&G	TONGUE AND GROOVE
T/	TOP OF
TGB	TOP OF GRADE BEAM
THK	THICK, THICKNESS
TL	TOTAL LOAD
TN	TOE NAIL
TOB	TOP OF BEAM
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOW	TOP OF WALL
TYP	TYPICAL
UFC	UNITED FACILITES CRITERIA
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
VB	VAPOR BARRIER
VERT	VERTICAL
W	WIDTH, WEST, WIDE FLANGE
w/	WITH
WF	WIDE FLANGE
WPT	WORKING POINT
WWF	WELDED WIRE FABRIC
WWM	WELDED WIRE MESH
x	BY, TIMES

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

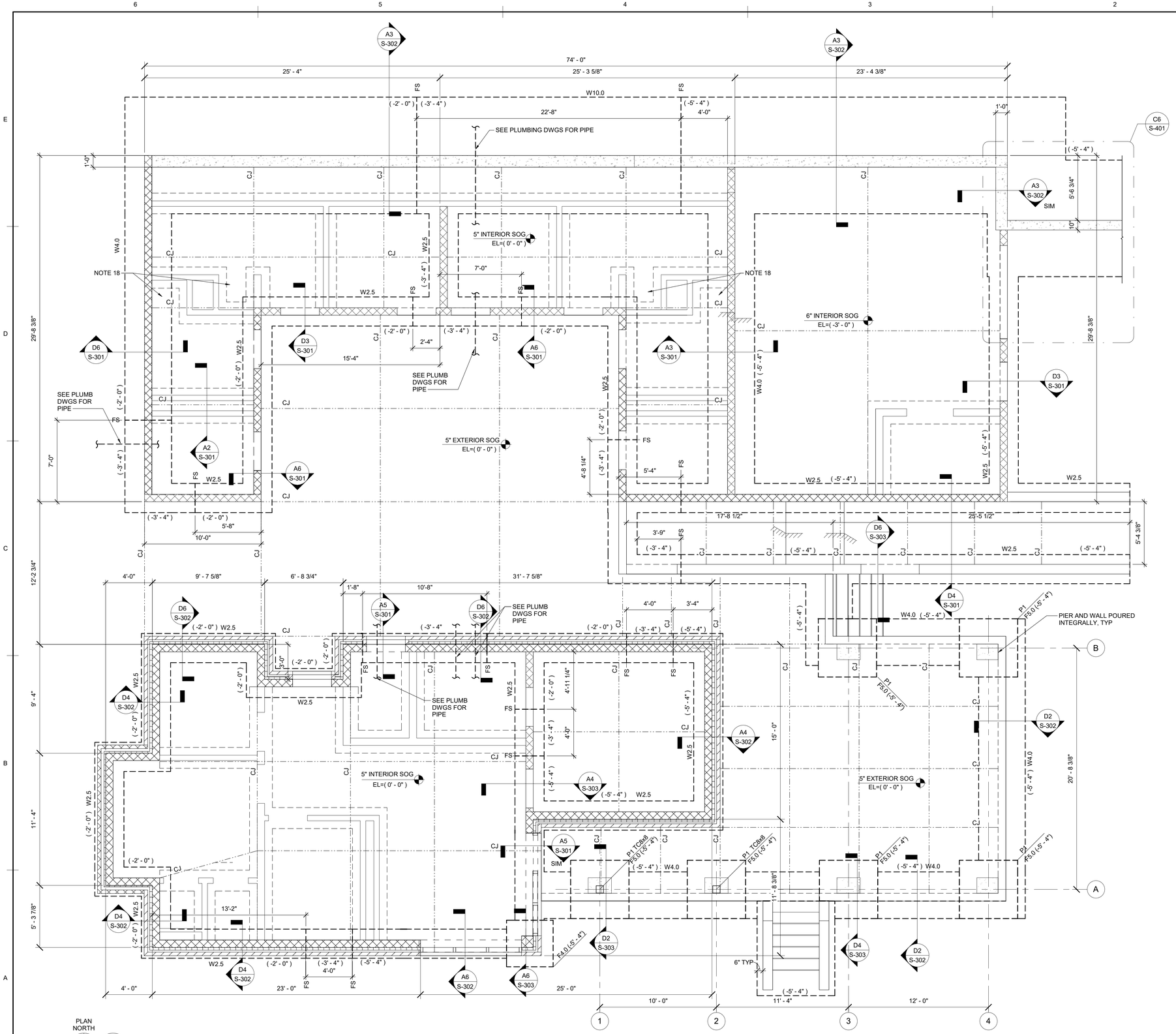
COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE

SYMBOLS AND ABBREVIATIONS

SHT. NO. S-005 | REV. NO. 0

5/14/2025 12:23:51 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



PLAN NORTH

A6

FOUNDATION PLAN

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

1. ALL ELEVATIONS ARE RELATIVE TO THE REFERENCE FINISH FLOOR ELEVATION = 0'-0" (ACTUAL = 1452.00' - SEE CIVIL FOR ADDITIONAL INFORMATION.)
2. REFER TO PLAN FOR SLAB ON GRADE THICKNESS AND TOP OF SLAB ELEVATION. ALL SLABS ON GRADE MUST BE OVER 6" GRANULAR FILL REINFORCED WITH 6x6 w2.9x2.9 WWF UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL GENERAL NOTES AND THE GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION.
3. UTILITIES HAVE BEEN SHOWN ON DRAWINGS FOR REFERENCE ONLY. THE CONTRACTOR MUST COORDINATE ALL UTILITIES IN THE FIELD.
4. CMU MASONRY VERTICAL WALL REINFORCING:
   8" .....#5 @32" OC TYP UNO
   8" INTERIOR NON LOAD-BEARING....#5 @48" OC TYP UNO
   6" INTERIOR NON LOAD-BEARING....#5 @48" OC TYP
   (SEE S-510 FOR TYPICAL MASONRY DETAILS)
5. (X'-X") EXAMPLE, DENOTES TOP OF FOOTING
6. F.X.X EXAMPLE, DENOTES COLUMN FOOTING SIZE. SEE FOOTING SCHEDULE FOR ADDITIONAL INFORMATION.
7. WX.X EXAMPLE, DENOTES WALL FOOTING SIZE. SEE FOOTING SCHEDULE FOR ADDITIONAL INFORMATION.
8. PX EXAMPLE, DENOTES REINF CONC PIER. SEE S-520 FOR REINFORCING AND ADDITIONAL INFORMATION.
9. TOS=(X'-X") EXAMPLE, DENOTES TOP OF SLAB ELEVATION.
10. CJ EXAMPLE, DENOTES CONTROL JOINT TO BE PROVIDED IN SLAB ON GRADE. SEE STRUCTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION AND TYPICAL DETAIL S-501.
11. FS EXAMPLE, DENOTES FOOTING STEP REFER TO DETAIL ON S-501 FOR ADDITIONAL INFORMATION.
12. EXAMPLE, DENOTES CHANGE IN SLAB ELEVATION OR SLOPE.
13. TCXxX EXAMPLE, INDICATES TIMBER COLUMN, REFER TO GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
14. EXAMPLE, INDICATES CMU BEARING WALL ON CONCRTE FOOTING.
15. EXAMPLE, (WALL NO HATCH) INDICATES NON LOAD-BEARING WALL ON THICKENED SLAB.
16. EXAMPLE, INDICATES CONCRETE WALL ON CONCRETE WALL FOOTING. SEE PLAN AND SECTIONS FOR ADDITIONAL INFORMATION.
17. REFER TO CIVIL DRAWINGS FOR ELEVATIONS AND SLOPES OF EXTERIOR SLABS ON GRADE.
18. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS WHERE SLAB ON GRADE IS DEPRESSED. REFER TO DETAIL ON S-502 FOR STRUCTURAL REQUIREMENTS.

WALL FOOTING SCHEDULE

MARK	DIMENSIONS		REINFORCEMENT
	WIDTH	DEPTH	
W2.5	2' - 6"	1' - 4"	(3) #5 LONG, #5 @12" SHORT
W4.0	4' - 0"	1' - 4"	(4) #5 LONG, #5 @12" SHORT, TOP & BOTT
W10.0	10' - 0"	2' - 0"	SEE SECTIONS

COLUMN FOOTING SCHEDULE

MARK	DIMENSIONS			REINFORCING
	WIDTH	LENGTH	THICKNESS	
F4.0	4' - 0"	4' - 0"	1' - 4"	(5) #5 EACH WAY
F5.0	5' - 0"	5' - 0"	1' - 4"	(6) #5 EACH WAY

GRAPHIC SCALE(S)

1/4" = 1' - 0" 0' 2' 4' 8'

PLAN NORTH

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
PROFESSIONAL ENGINEER
05.14.2025

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

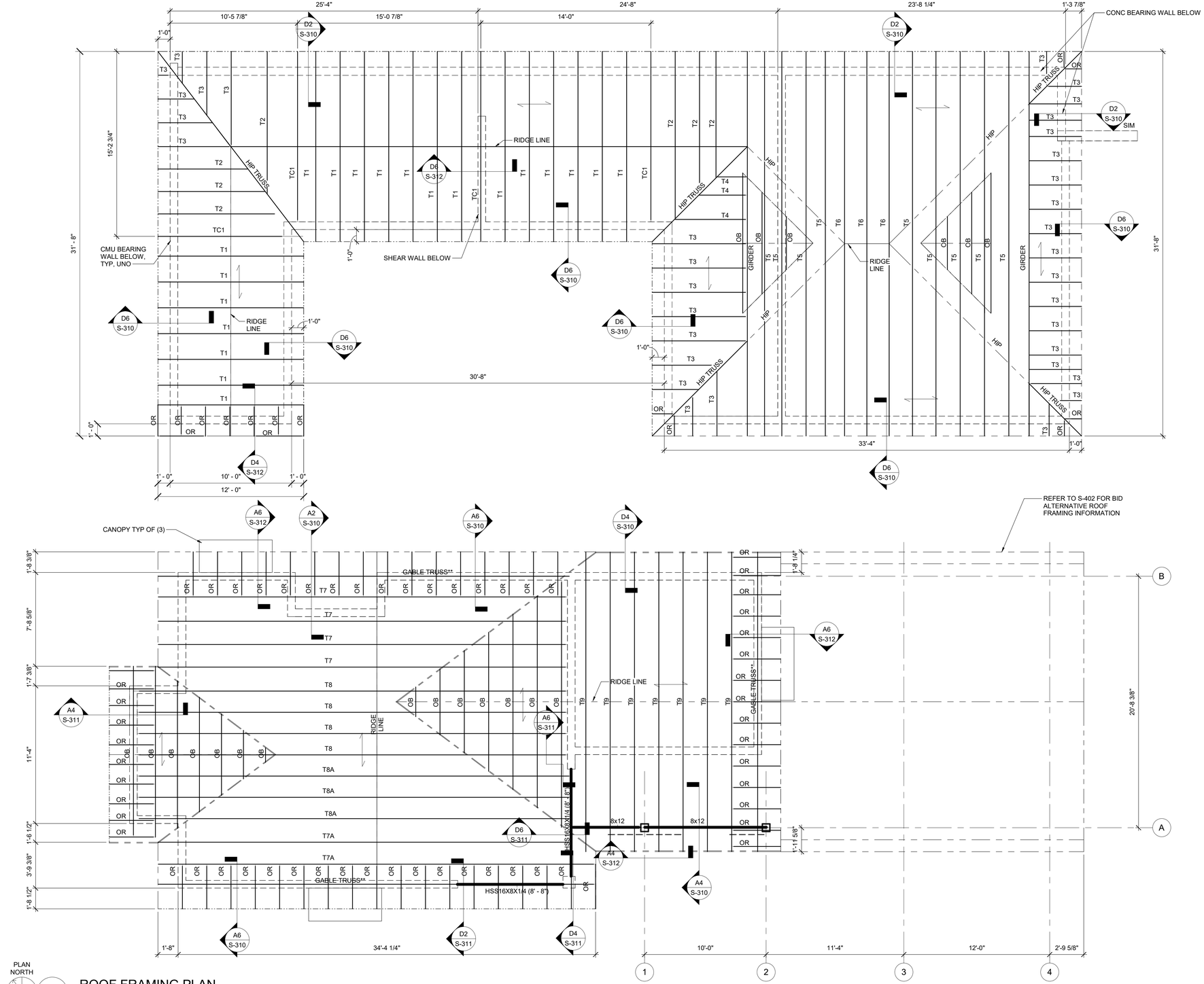
COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE

FOUNDATION PLAN

SHT. NO. S-101 | REV. NO. 0

5/14/2025 12:23:52 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



PLAN NORTH

A6

ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

1. ALL ELEVATIONS ARE RELATIVE TO THE REFERENCE FINISH FLOOR ELEVATION = 0'-0" (ACTUAL = 1452.00' - SEE CIVIL FOR ADDITIONAL INFORMATION.)
2. TOP OF WALL FOR THE UTILITY AND ADMINISTRATION BUILDING IS (8' - 8"), RELATIVE TO THE REFERENCE FINISH FLOOR ELEVATION, UNLESS NOTED OTHERWISE.
3. ROOF TRUSS FRAMING CONSISTS OF SHOP FABRICATED WOOD TRUSSES SPACED A MAXIMUM OF 2'-0" OC.
4. ROOF TRUSSES, TRUSS CONNECTIONS TO THE SUPPORTING STRUCTURE, TRUSS BRACING, AND TRUSS BLOCKING MUST BE DESIGNED BY THE TRUSS MANUFACTURER FOR THE LOADS GIVEN.
5. REFER TO TRUSS ELEVATIONS ON S-201 & S-202 FOR REQUIRED DESIGN LOADS AND ACCEPTABLE TRUSS BEARING LOCATIONS.
6. REFER TO S-520 FOR ADDITIONAL BASIS OF DESIGN INFORMATION FOR TRUSS CONNECTIONS.
7. ROOF DECKING MUST BE 15/32" SHEATHING, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. DECKING MUST BE ATTACHED TO DIAPHRAGM BOUNDARIES AND SUPPORTED PANEL EDGES (UNBLOCKED) WITH 10D NAIL @ 6" OC.
8. WOOD TOP PLATE MUST BE FASTENED TO TOP OF CMU WALL W/ POST INSTALLED 1/2" DIAMETER THREADED ROD, EMBEDED 4 1/2" MINIMUM W/ HILTI HY 270 EPOXY, OR EQUIVALENT, @ 24" OC MAXIMUM. CONTRACTOR MUST COORDINATE ANCHOR LOCATION TO AVOID CONFLICT WITH ALL COMPONENTS OF THE WOOD TRUSS FRAMING SYSTEM. REFER TO S-520 FOR TOP PLATE SPLICE REQUIREMENTS.
9. REFER TO S-510 FOR TYPICAL MASONRY DETAILS INCLUDING LINTEL REQUIREMENTS OVER MASONRY WALL OPENING.
10. TBXxX — EXAMPLE, INDICATES TIMBER BEAM, REFER TO GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
11. OR — INDICATES OUTRIGGER FRAMING DESIGNED BY DELEGATED WOOD TRUSS ENGINEER.
12. OB — INDICATES OVERBUILD TRUSS FRAMING DESIGNED BY DELEGATED WOOD TRUSS ENGINEER.
13. ⟶ — INDICATES SPAN OF ROOF DECKING.
14. GABLE TRUSS** — INDICATES A GABLE TRUSS THAT MUST BE DESIGNED TO TRANSFER AN ULTIMATE, UNFACTORED, IN-PLANE (PARALLEL TO TRUSS SPAN) LOAD OF 450 PLF FROM THE ROOF SHEATHING TO THE WOOD TOP PLATE. THIS LOAD IS IN ADDITION TO THE LOADS SPECIFIED ON S-201.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
PROFESSIONAL ENGINEER
05.14.2025

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN:	AQ
DESIGN:	JH
CHECK:	KT

SHEET TITLE

ROOF FRAMING PLAN

SHT. NO. S-102

REV. NO. 0

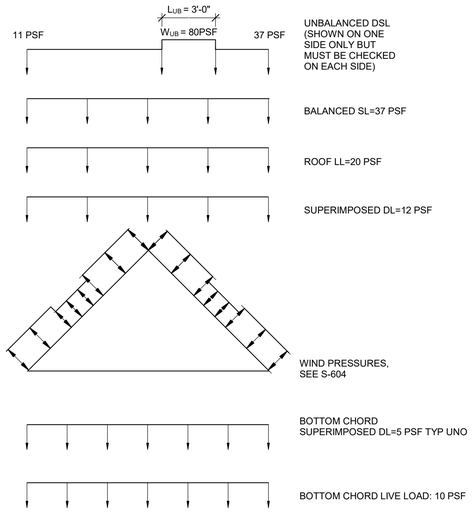
PLAN NORTH

GRAPHIC SCALE(S)

1/4" = 1' - 0"

0' 2' 4' 8'

5/14/2025 12:23:52 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt



UNBALANCED DSL (SHOWN ON ONE SIDE ONLY BUT MUST BE CHECKED ON EACH SIDE)

BALANCED SL=37 PSF

ROOF LL=20 PSF

SUPERIMPOSED DL=12 PSF

WIND PRESSURES, SEE S-604

BOTTOM CHORD SUPERIMPOSED DL=5 PSF TYP UNO

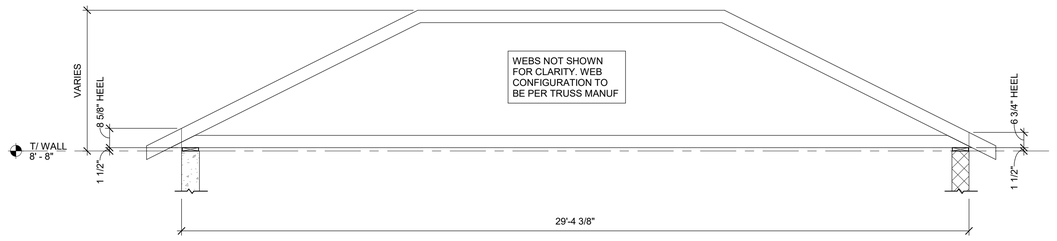
BOTTOM CHORD LIVE LOAD: 10 PSF

NOTES:

1. PROVIDED SUPERIMPOSED DEAD, LIVE & SNOW LOADS ARE UNFACTORED.
2. REFER TO ROOF PRESSURE DIAGRAM ON S-603 FOR WIND LOAD.
3. TRUSS DESIGNER MUST CHECK ALL REQUIRED LOAD COMBINATIONS PER ASCE 7-22, CHAPTER 2.
4. UNBALANCED SNOW CONDITIONS MUST BE CHECKED ON EACH SIDE OF TRUSS.
5. REFER TO TC TRUSS ELEVATIONS FOR REQUIRED COLLECTOR IN-PLANE LOADING REQUIREMENTS.
6. WALLS AND BEAMS SHOWN INDICATED ACCEPTABLE WOOD TRUSS BEARINGS LOCATIONS.

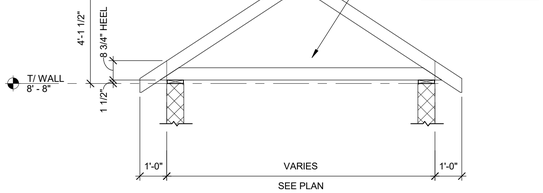
D6 TRUSS LOADING DIAGRAM

SCALE: 1/8" = 1'-0"



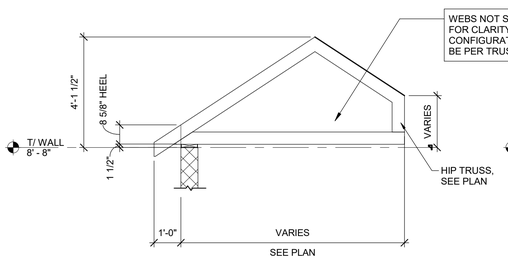
D3 TRUSS 5

SCALE: 3/8" = 1'-0"



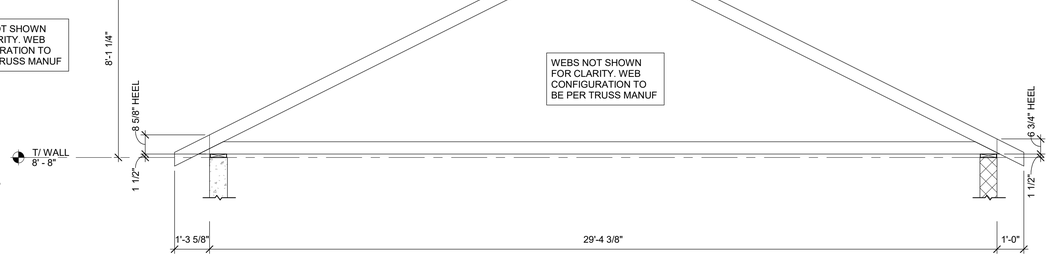
B6 TRUSS 1

SCALE: 3/8" = 1'-0"



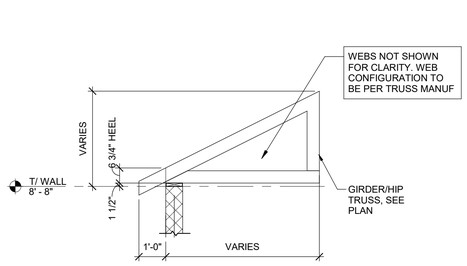
B5 TRUSS 2

SCALE: 3/8" = 1'-0"



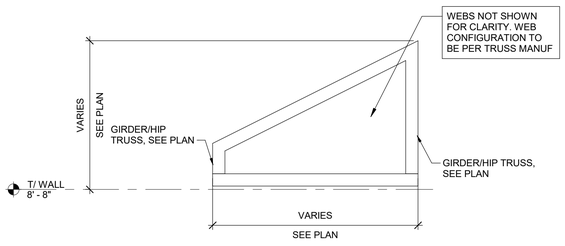
B3 TRUSS 6

SCALE: 3/8" = 1'-0"



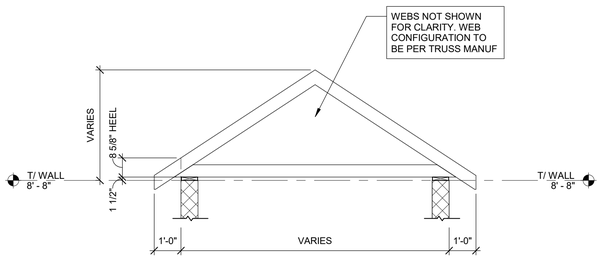
A6 TRUSS 3

SCALE: 3/8" = 1'-0"



A5 TRUSS 4

SCALE: 3/8" = 1'-0"



A4 TRUSS C1

SCALE: 3/8" = 1'-0"

0' 4' 8' 16' SCALE: 1/8"=1'-0"

0' 2' 4' 6' SCALE: 3/8"=1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

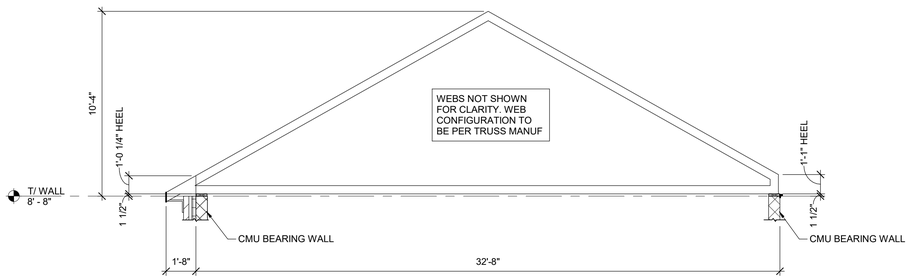
COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE

TRUSS ELEVATIONS - POOL FACILITIES BUILDING

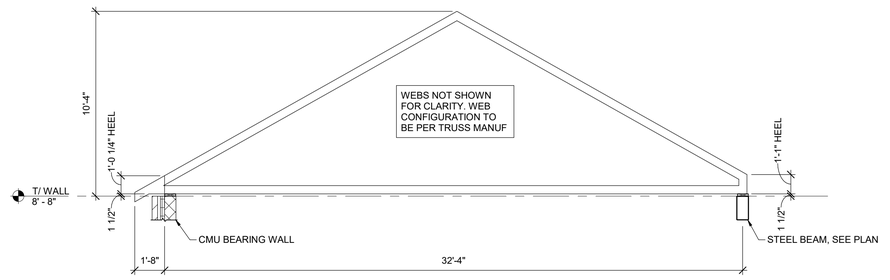
SHT. NO. S-201 | REV. NO. 0

5/14/2025 12:23:53 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



D6 ELEVATION - TRUSS 7

SCALE: 1/4" = 1'-0"



D3 ELEVATION - TRUSS 7A

SCALE: 1/4" = 1'-0"

B6 ELEVATION - TRUSS 8

SCALE: 1/4" = 1'-0"

B3 ELEVATION - TRUSS 8A

SCALE: 1/4" = 1'-0"

A6 ELEVATION - TRUSS 9

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

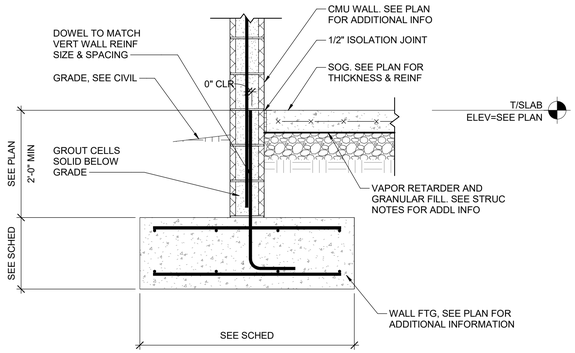
COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE

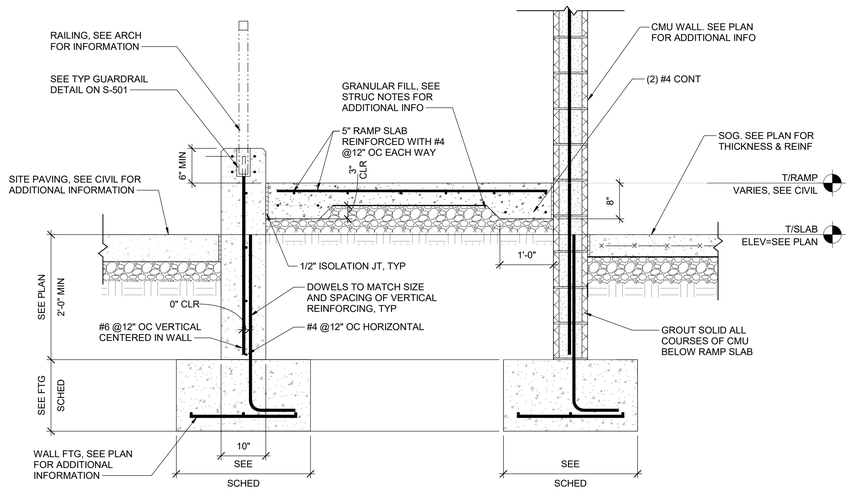
TRUSS ELEVATIONS-POOL ADMINISTRATION BUILDING

SHT. NO. S-202 | REV. NO. 0

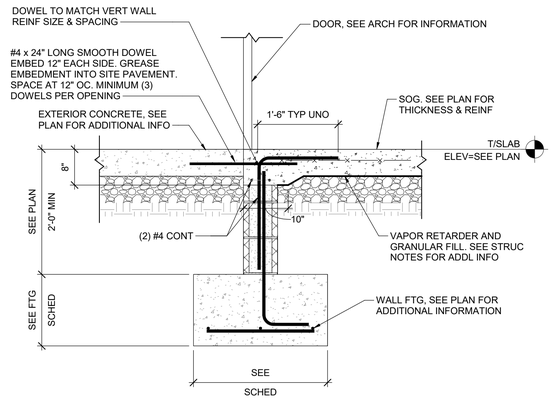
5/14/2025 12:23:53 PM
C:\Users\JharnerLocalDocuments\240163_R23_S_JharnerLNQCS.rvt



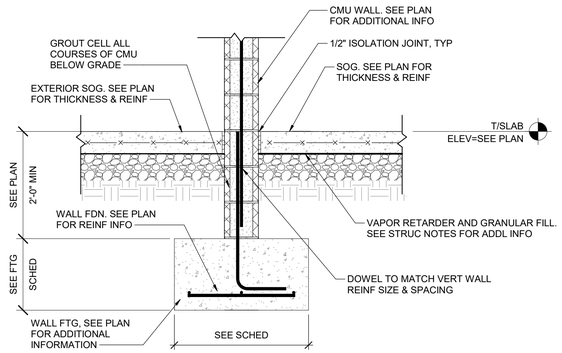
D6 SECTION
SCALE: 3/4" = 1'-0"



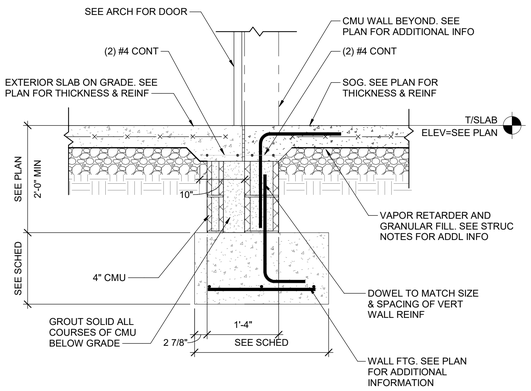
D4 SECTION
SCALE: 3/4" = 1'-0"



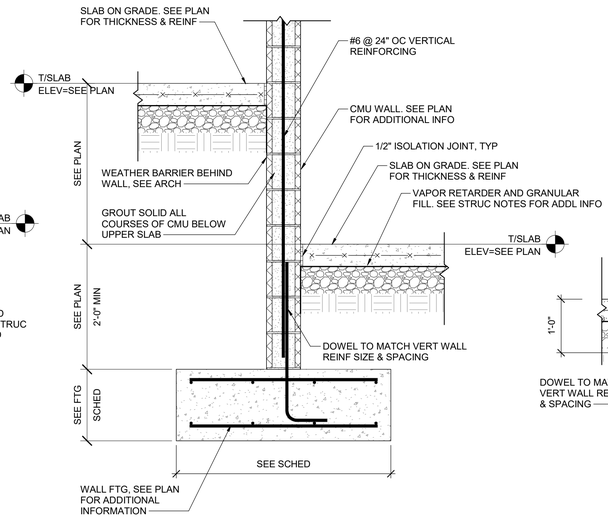
D3 SECTION
SCALE: 3/4" = 1'-0"



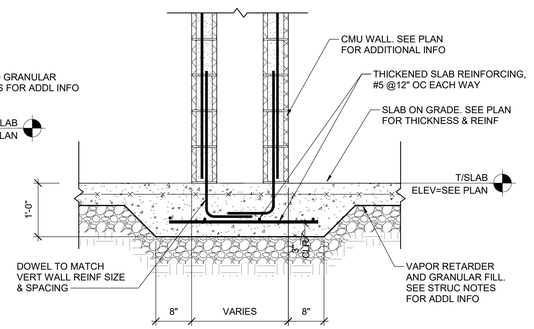
A6 SECTION
SCALE: 3/4" = 1'-0"



A5 SECTION
SCALE: 3/4" = 1'-0"



A3 SECTION
SCALE: 3/4" = 1'-0"



A2 SECTION
SCALE: 3/4" = 1'-0"

0' 1' 2' 3'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

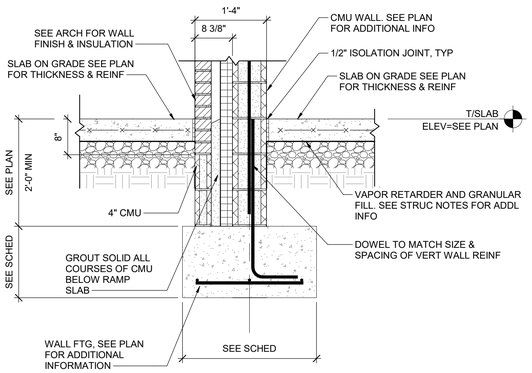
MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

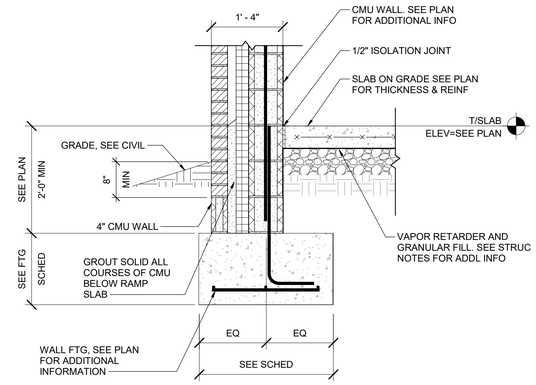
SHEET TITLE
FOUNDATION SECTIONS

SHT. NO.	REV. NO.
S-301	0

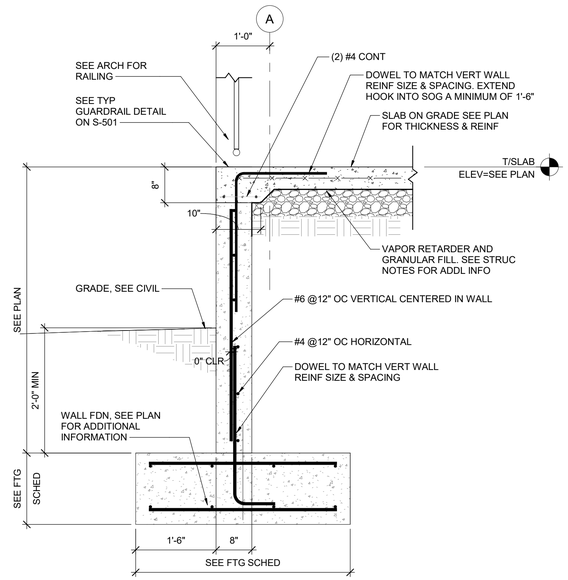
5/14/2025 12:23:53 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt



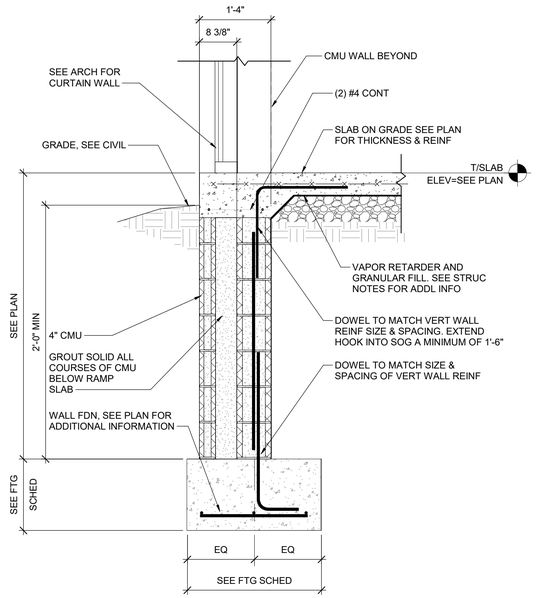
D6 SECTION
SCALE: 3/4" = 1'-0"



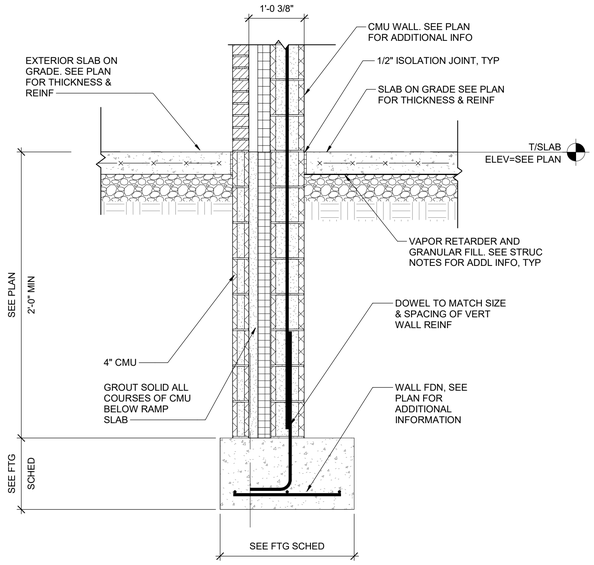
D4 SECTION
SCALE: 3/4" = 1'-0"



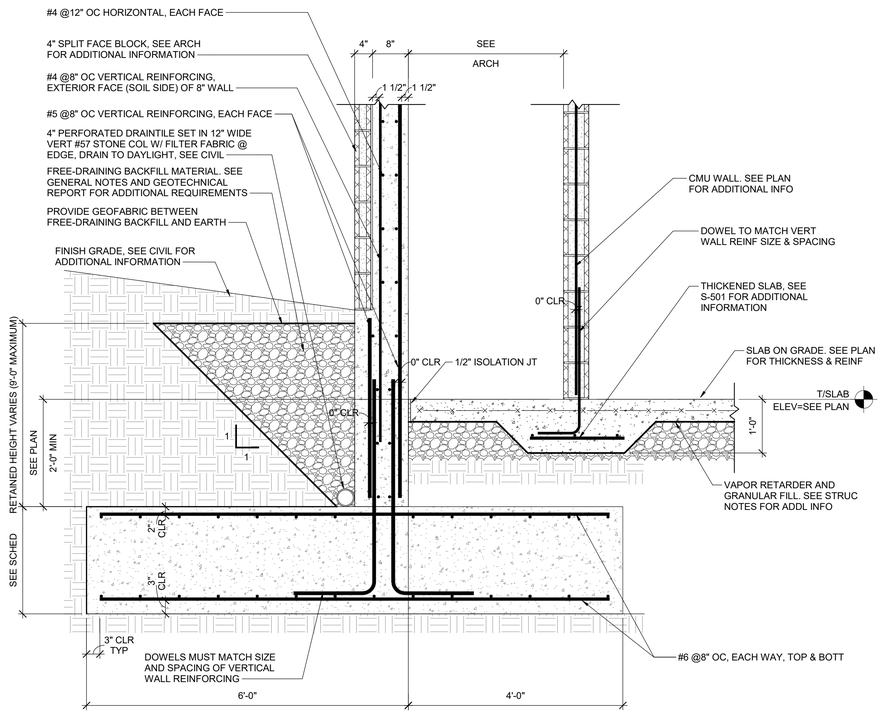
D2 SECTION
SCALE: 3/4" = 1'-0"



A6 SECTION
SCALE: 3/4" = 1'-0"



A4 SECTION
SCALE: 3/4" = 1'-0"



A3 SECTION
SCALE: 3/4" = 1'-0"

0' 1' 2' 3'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

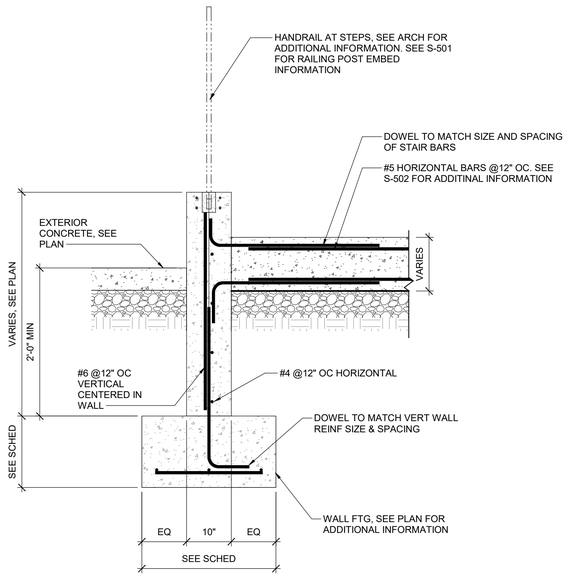
MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE
FOUNDATION SECTIONS

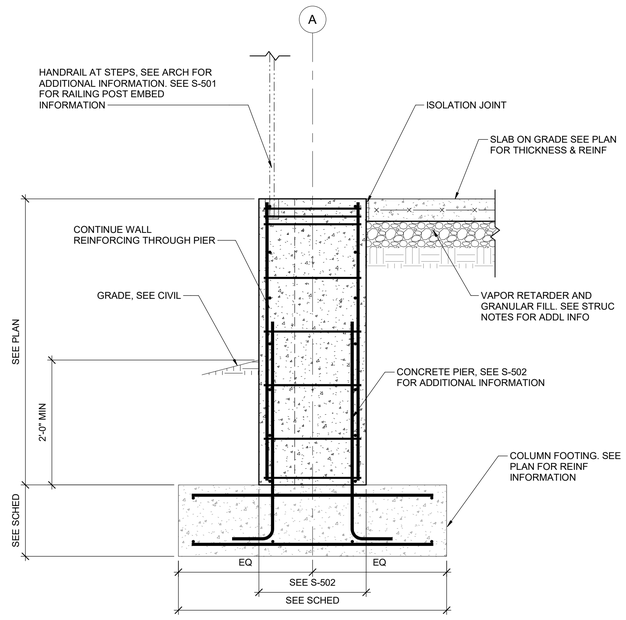
SHT. NO. S-302 | REV. NO. 0

5/14/2025 12:23:54 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt



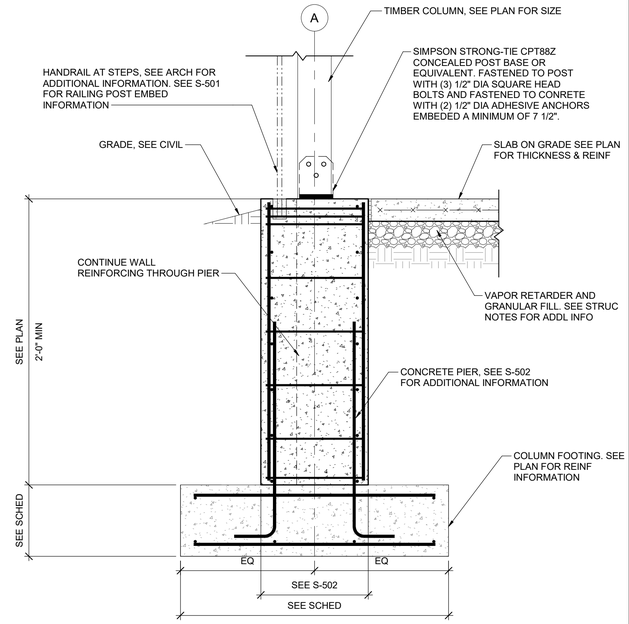
D6 SECTION

SCALE: 3/4" = 1'-0"



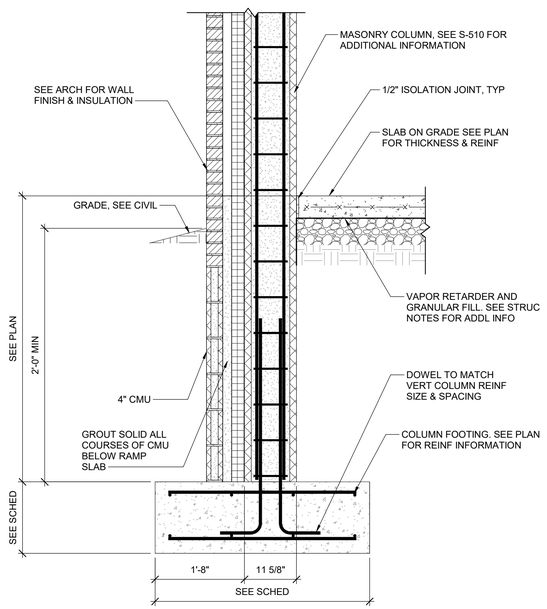
D4 SECTION

SCALE: 3/4" = 1'-0"



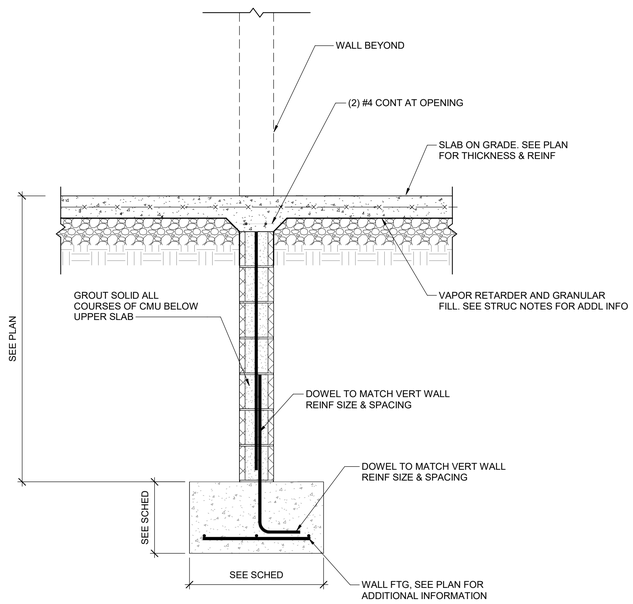
D2 SECTION

SCALE: 3/4" = 1'-0"



A6 SECTION

SCALE: 3/4" = 1'-0"



A4 SECTION

SCALE: 3/4" = 1'-0"

0' 1' 2' 3'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
PROFESSIONAL ENGINEER
05.14.2025

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

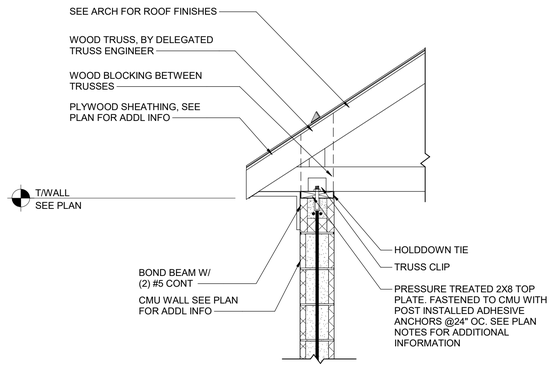
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

FOUNDATION SECTIONS

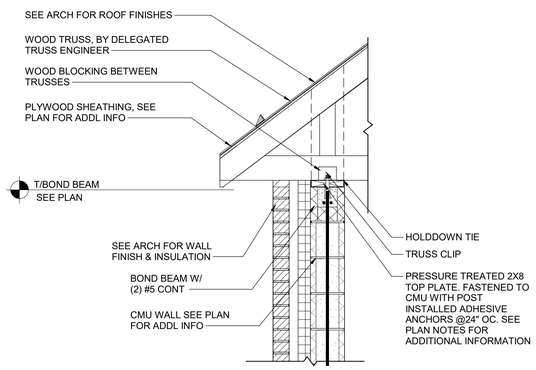
SHT. NO.	REV. NO.
S-303	0

5/14/2025 12:23:54 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt



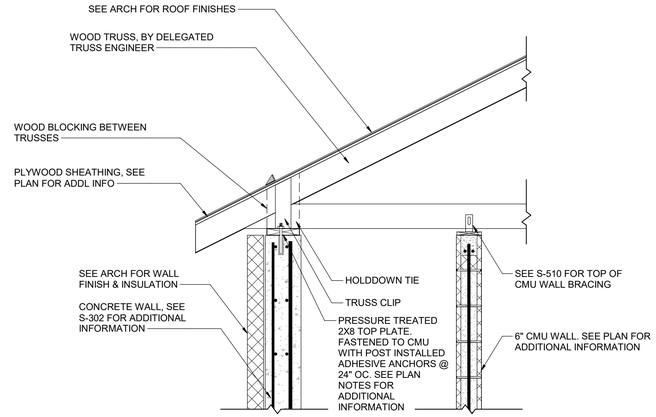
D6 SECTION

SCALE: 3/4" = 1'-0"



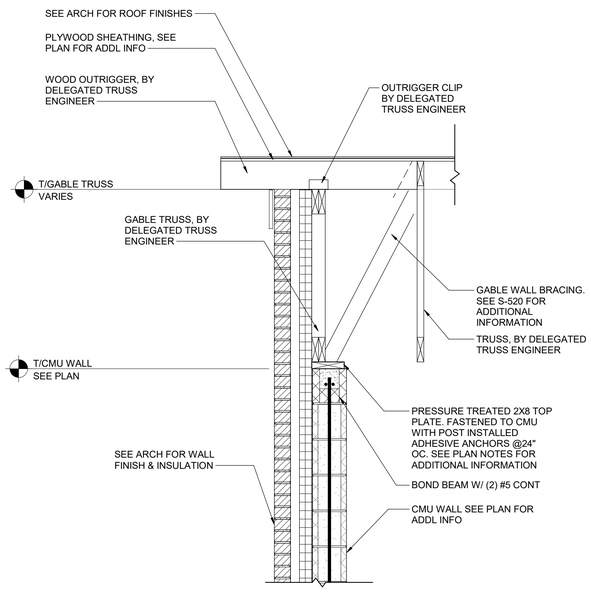
D4 SECTION

SCALE: 3/4" = 1'-0"



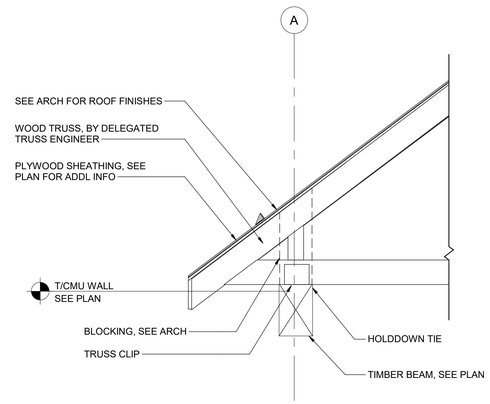
D2 SECTION

SCALE: 3/4" = 1'-0"



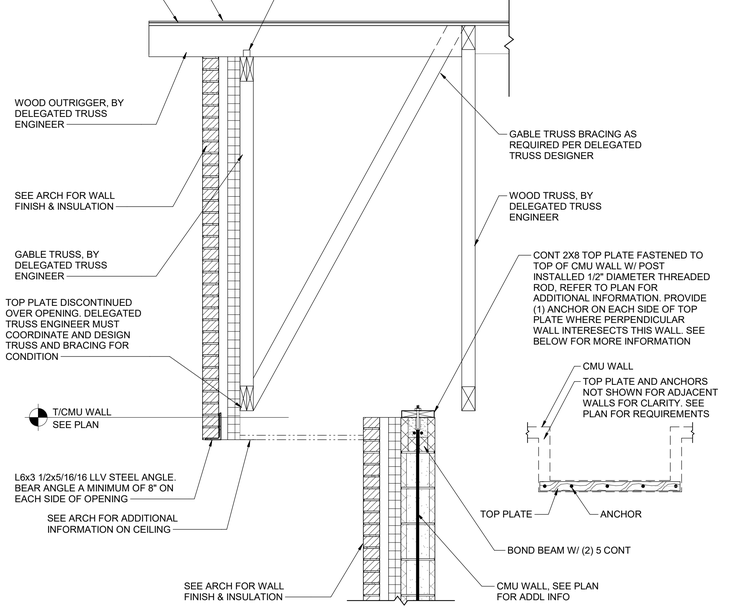
A6 SECTION

SCALE: 3/4" = 1'-0"



A4 SECTION

SCALE: 3/4" = 1'-0"



A2 SECTION

SCALE: 3/4" = 1'-0"

0' 1' 2' 3'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

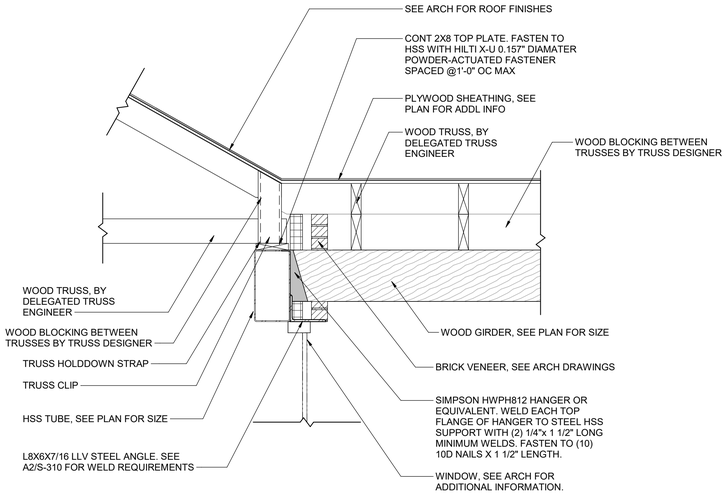
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

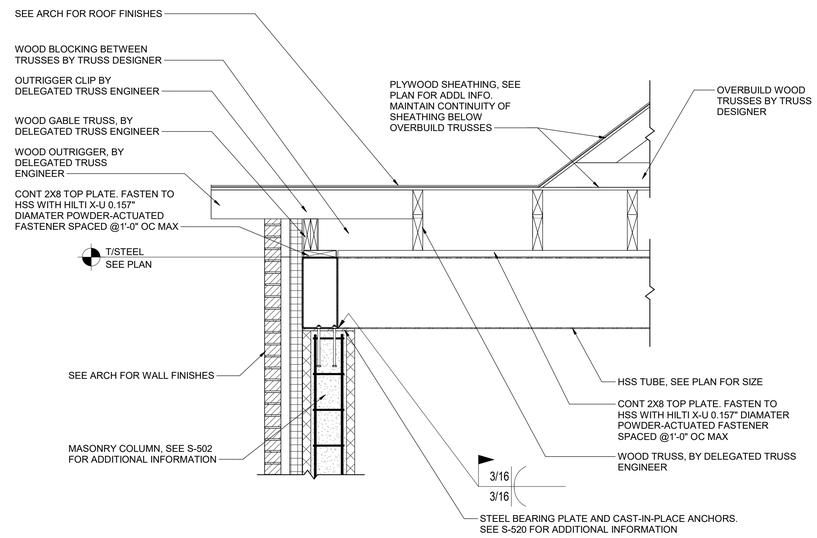
ROOF FRAMING SECTIONS

SHT. NO.	REV. NO.
S-310	0

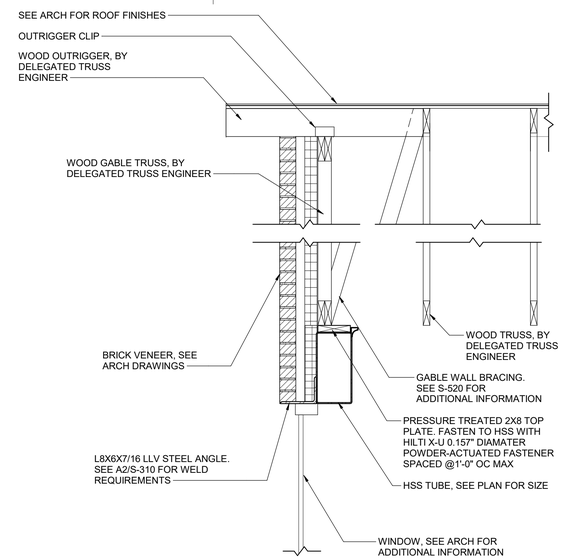
5/14/2025 12:23:54 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



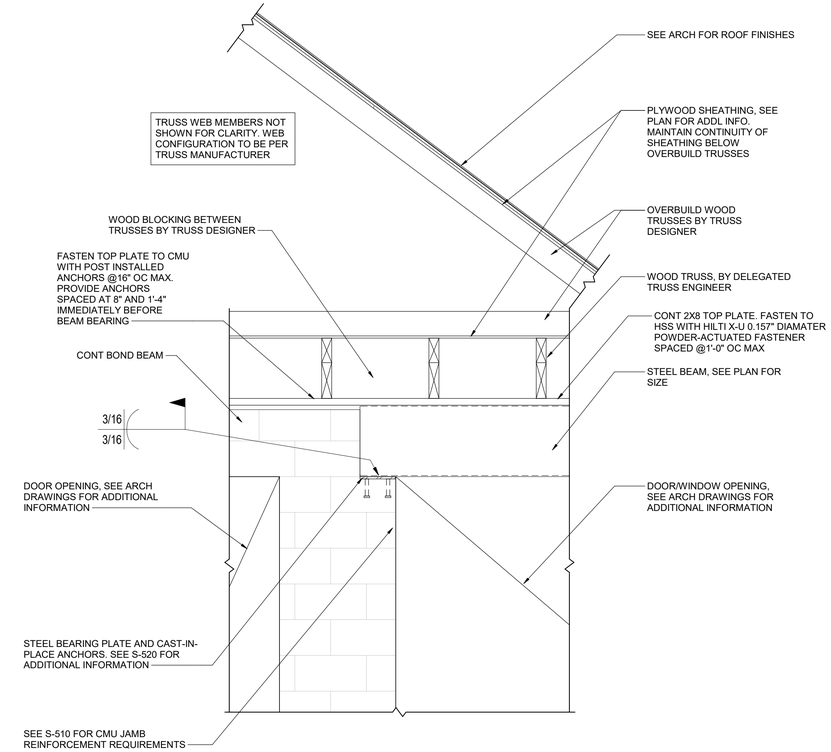
D6 SECTION
SCALE: 3/4" = 1'-0"



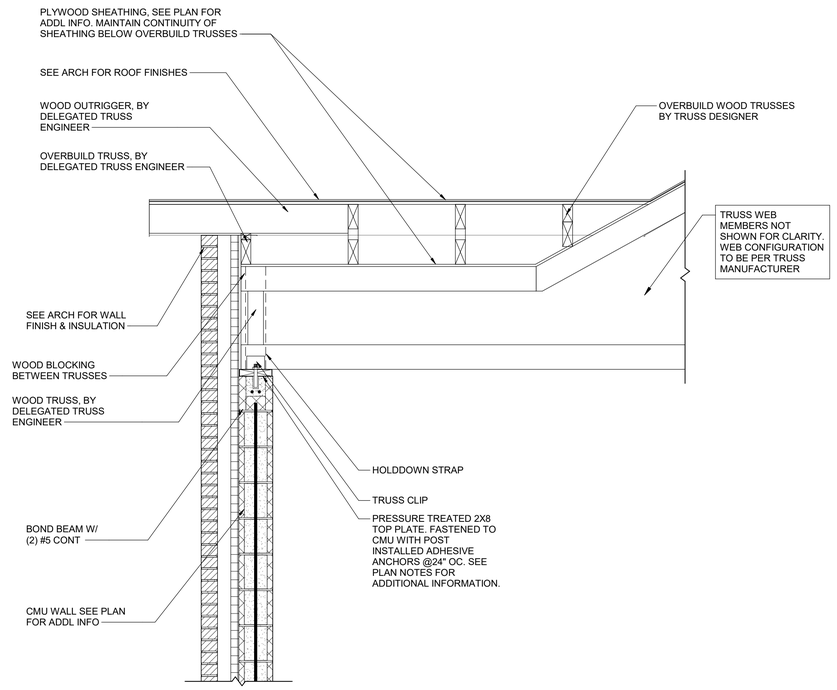
D4 SECTION
SCALE: 3/4" = 1'-0"



D2 SECTION
SCALE: 3/4" = 1'-0"



A6 SECTION
SCALE: 3/4" = 1'-0"



A4 SECTION
SCALE: 3/4" = 1'-0"

0' 1' 2' 3'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

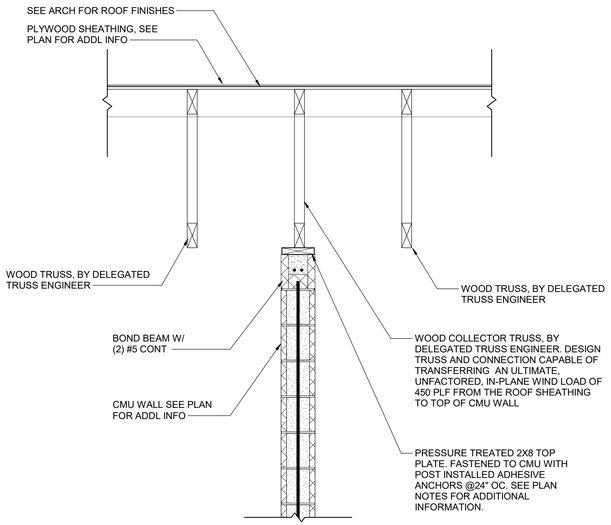
MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

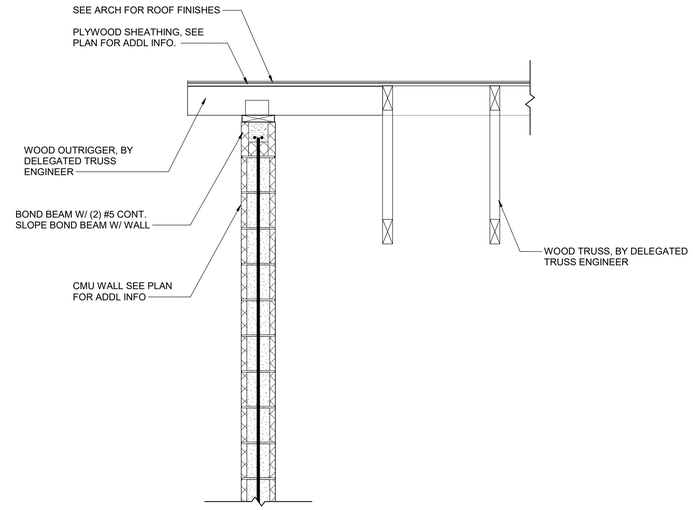
SHEET TITLE
ROOF FRAMING SECTIONS

SHT. NO. S-311
REV. NO. 0

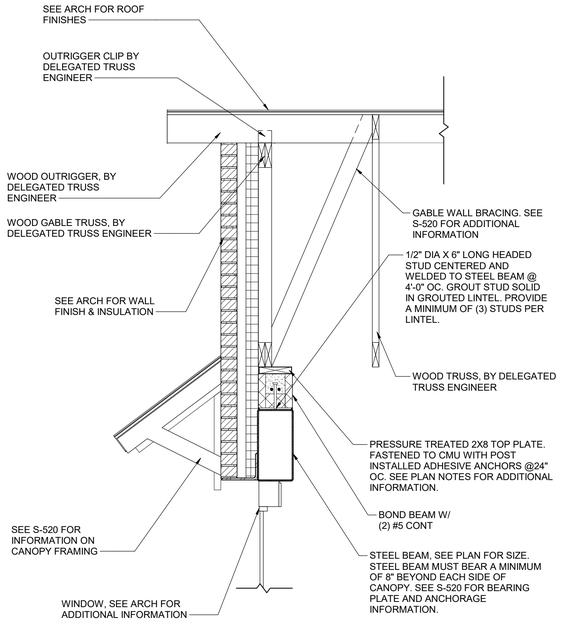
5/14/2025 12:23:55 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



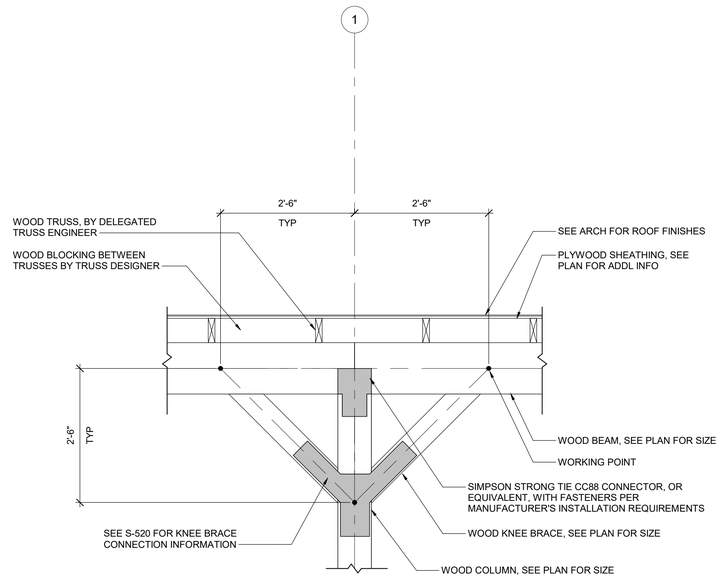
D6 SECTION
SCALE: 3/4" = 1'-0"



D4 SECTION
SCALE: 3/4" = 1'-0"



A6 SECTION
SCALE: 3/4" = 1'-0"



A4 SECTION
SCALE: 3/4" = 1'-0"

0' 1' 2' 3'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

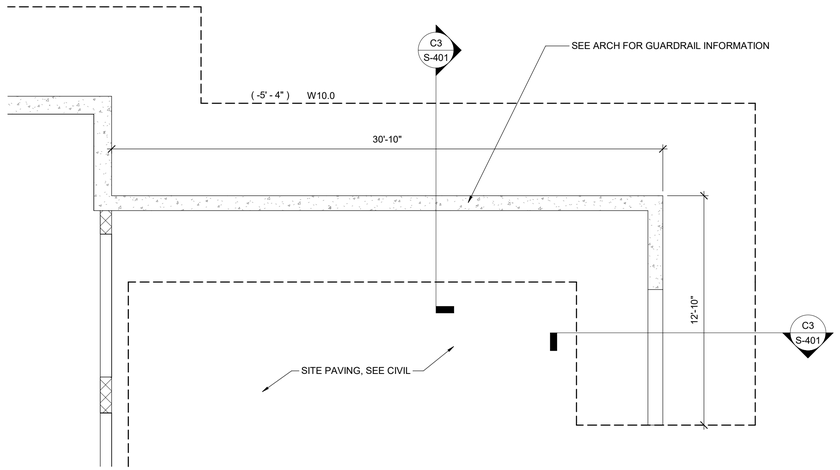
REVISION DESCRIPTION	DATE	MRK

COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE
ROOF FRAMING SECTIONS

SHT. NO.	REV. NO.
S-312	0

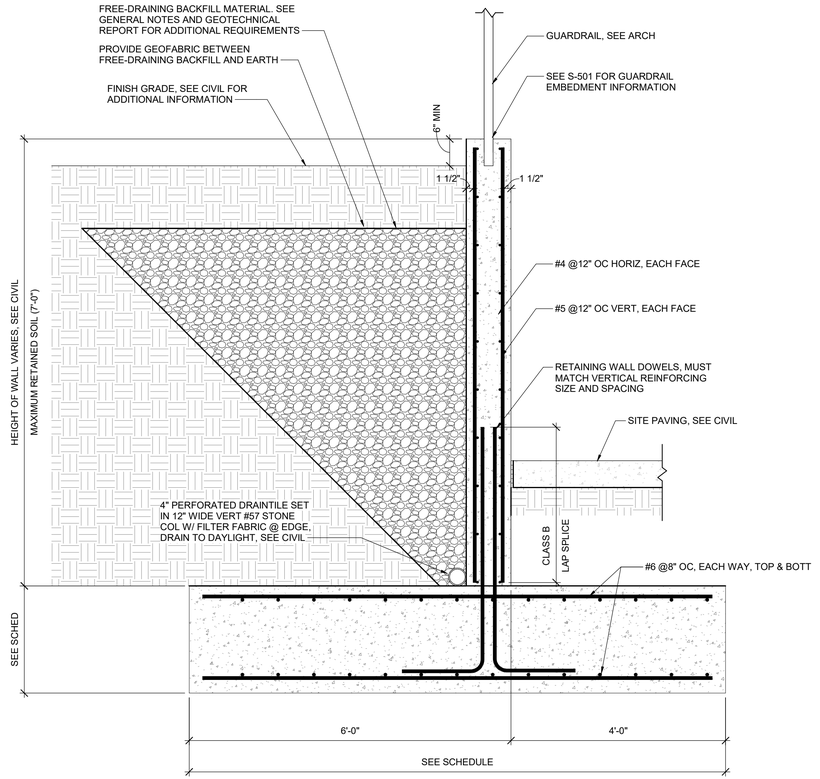
5/14/2025 12:23:55 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt



PLAN NORTH

C6 PARTIAL PLAN-SITE WALLS

SCALE: 1/4" = 1'-0"



C3 SECTION

SCALE: 3/4" = 1'-0"

GENERAL SHEET NOTES

1. ALL ELEVATIONS ARE RELATIVE TO THE REFERENCE FINISH FLOOR ELEVATION = 0'-0" (ACTUAL=1452.00' - SEE CIVIL FOR ADDITIONAL INFORMATION)
2. REFER TO CIVIL DRAWINGS FOR ELEVATONS AND SLOPES OF EXTERIOR SLABS ON GRADE
3. REFER TO CIVIL DRAWINGS FOR TOP OF RETAINING WALL ELEVATIONS.

PLAN NORTH

GRAPHIC SCALE(S)

1/4" = 1' - 0" 0' 2' 4' 8'

3/4" = 1' - 0" 0' 1' 2' 3'

Wiley|Wilson Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

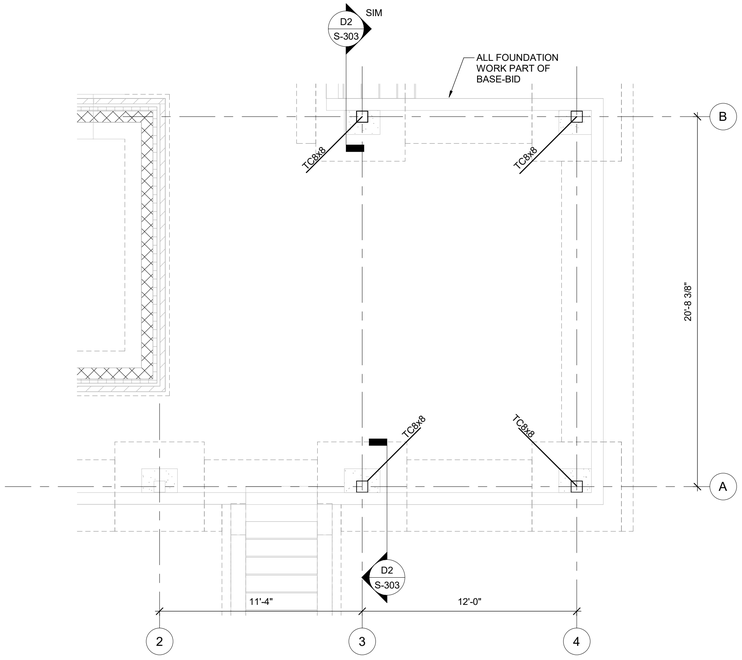
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

SITE WALLS PLAN, SECTIONS AND DETAILS

SHT. NO.	REV. NO.
S-401	0

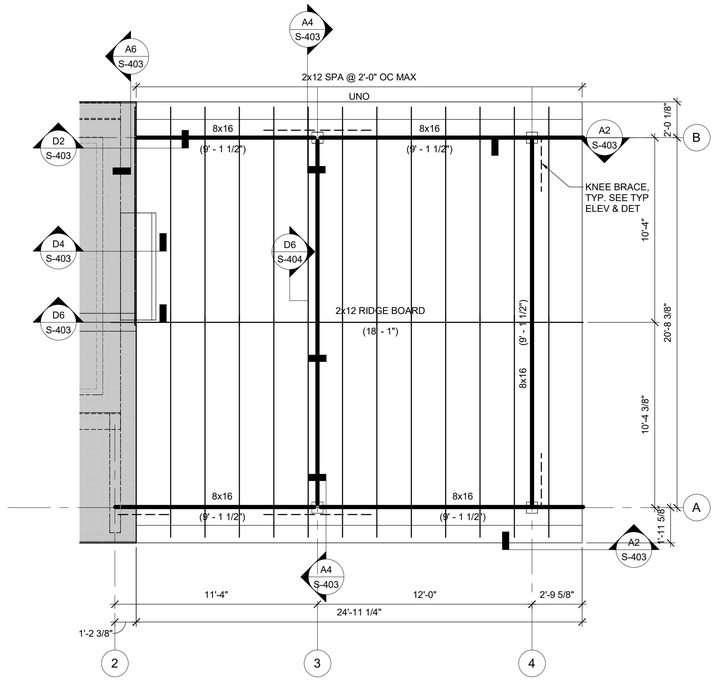
5/14/2025 12:23:55 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



PLAN NORTH

C6 BID OPTION - CANOPY FOUNDATION PLAN

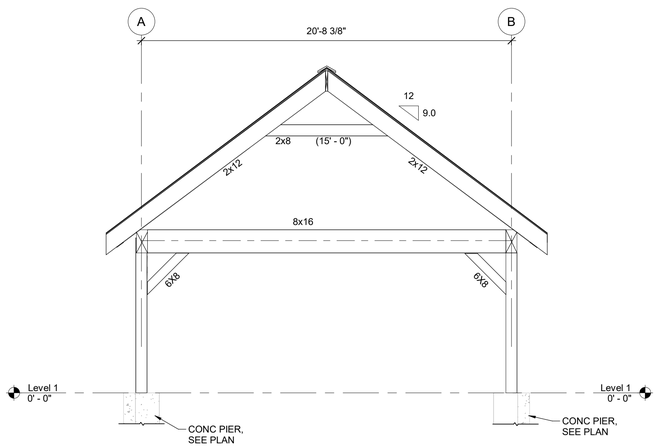
SCALE: 1/4" = 1'-0"



PLAN NORTH

C3 BID OPTION - CANOPY ROOF FRAMING PLAN

SCALE: 1/4" = 1'-0"



A6 ELEVATION-TYPICAL FRAME & TRUSS ELEVATION

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

1. ALL ELEVATIONS ARE RELATIVE TO THE REFERENCE FINISH FLOOR ELEVATION = 0'-0" (ACTUAL = 1452.00' - SEE CIVIL FOR ADDITIONAL INFORMATION.)
2. TOP OF WALL FOR THE UTILITY AND ADMINISTRATION BUILDING IS (8' - 8"), RELATIVE TO THE REFERENCE FINISH FLOOR ELEVATION, UNLESS NOTED OTHERWISE.
3. ROOF DECKING MUST BE 15/32" SHEATHING, REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. DECKING MUST BE ATTACHED TO DIAPHRAGM BOUNDARIES AND SUPPORTED PANEL EDGES (UNBLOCKED) WITH 10D NAIL @ 6" OC.
4. TCXxX — EXAMPLE, INDICATES TIMBER COLUMN, REFER TO GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
5. TBXxX — EXAMPLE, INDICATES TIMBER BEAM, REFER TO GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. ALL WOOD FRAMING MUST BE SOUTHERN YELLOW PINE NO. 2 UNLESS NOTED OTHERWISE.

PLAN NORTH

GRAPHIC SCALE(S)

1/4" = 1' - 0" 0' 2' 4' 8'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

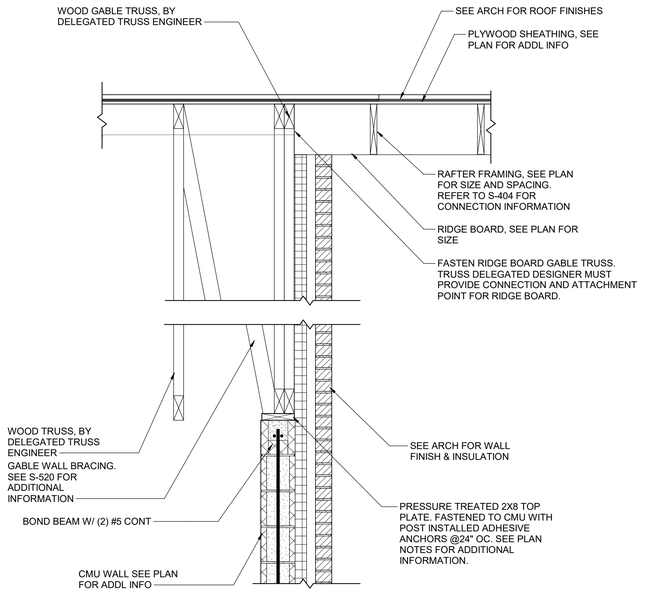
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

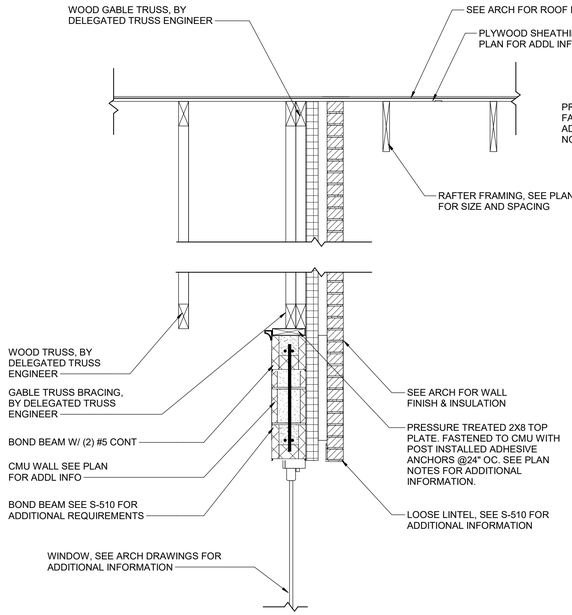
BID ADDITIVE

SHT. NO.	REV. NO.
S-402	0

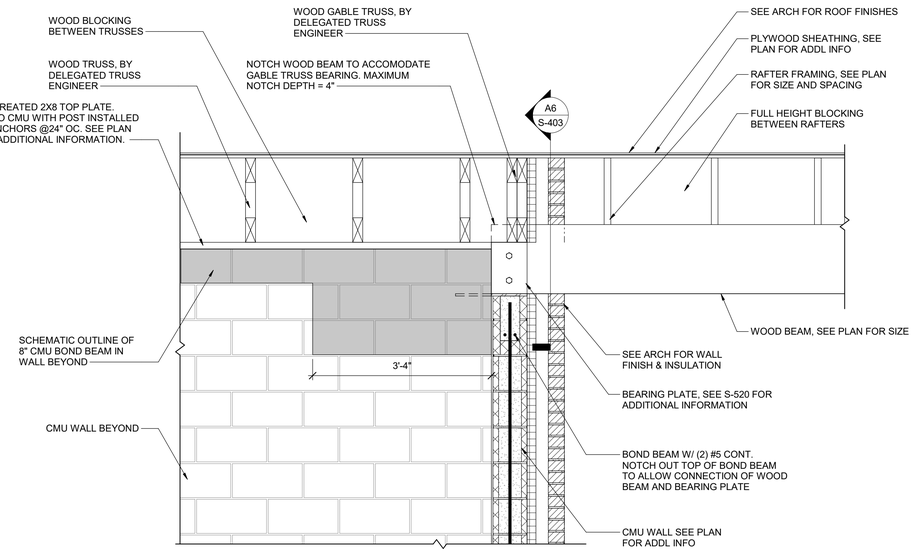
5/14/2025 12:23:55 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt



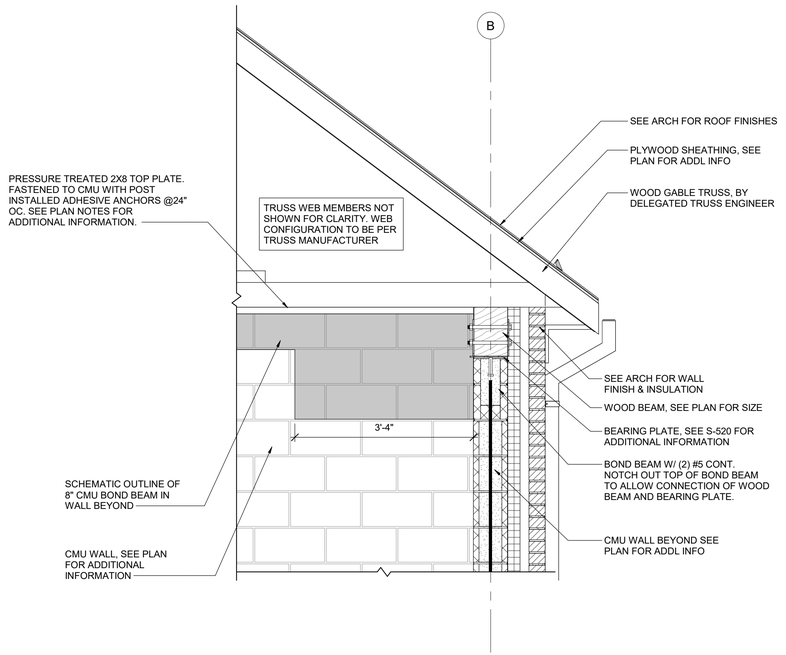
D6 SECTION
SCALE: 3/4" = 1'-0"



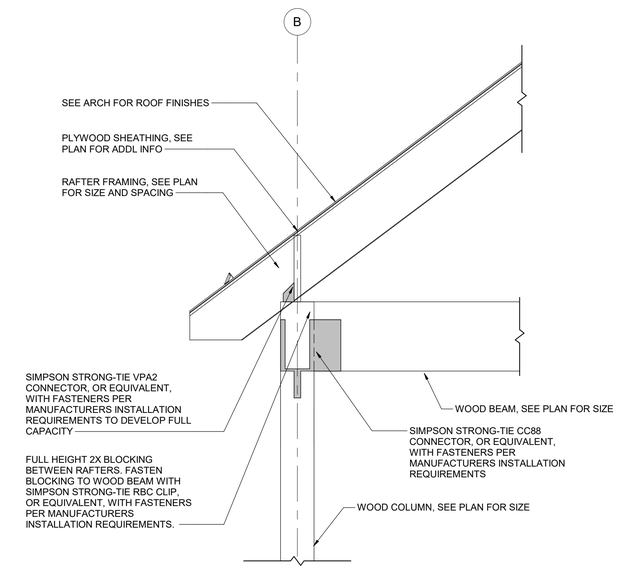
D4 SECTION
SCALE: 3/4" = 1'-0"



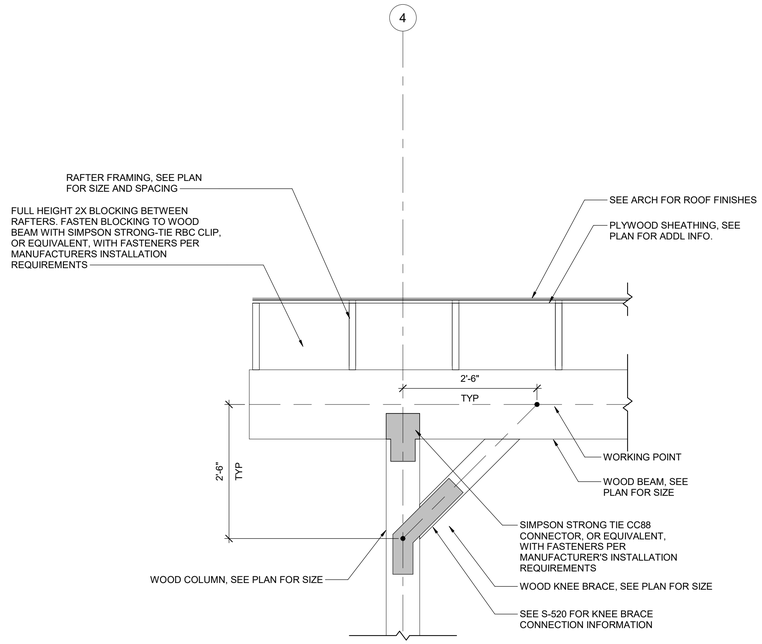
D2 SECTION
SCALE: 3/4" = 1'-0"



A6 SECTION
SCALE: 3/4" = 1'-0"



A4 SECTION
SCALE: 3/4" = 1'-0"



A2 SECTION
SCALE: 3/4" = 1'-0"

0' 1' 2' 3'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

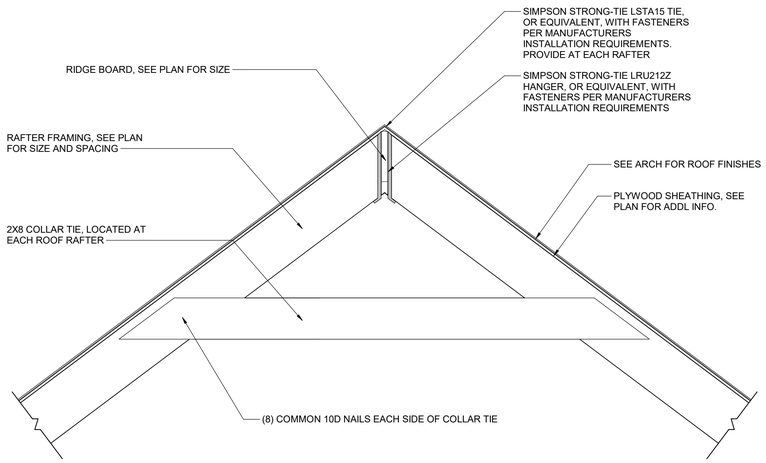
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

BID ADDITIVE

SHT. NO.	REV. NO.
S-403	0

5/14/2025 12:23:56 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt



D6 SECTION

SCALE: 3/4" = 1'-0"

0' 1' 2' 3'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

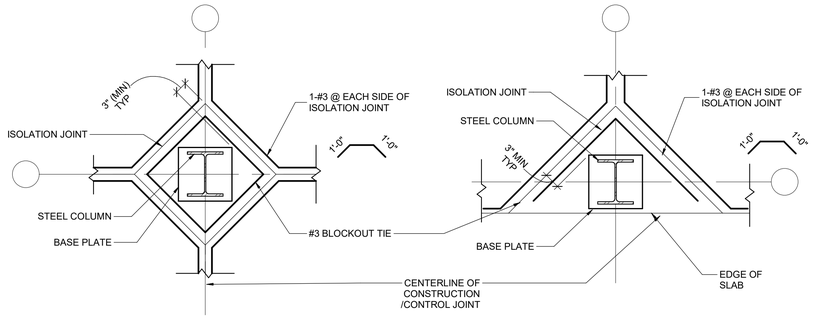
COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE

BID ADDITIVE

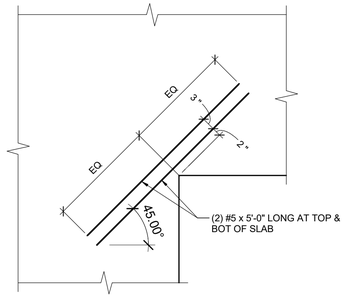
SHT. NO. S-404 | REV. NO. 0

5/14/2025 12:23:56 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt



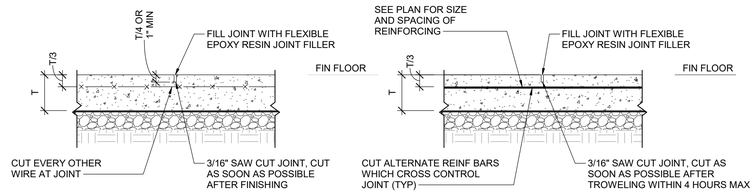
D6 TYPICAL COLUMN BLOCKOUT

SCALE: NONE



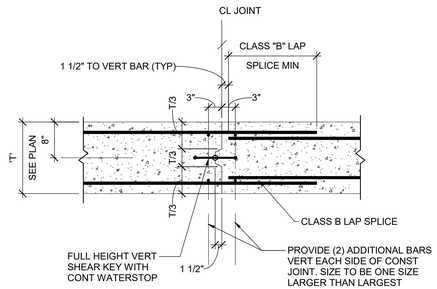
D4 TYPICAL SLAB INSIDE CORNER

SCALE: NONE



D3 TYPICAL SLAB ON GRADE JOINT DETAILS

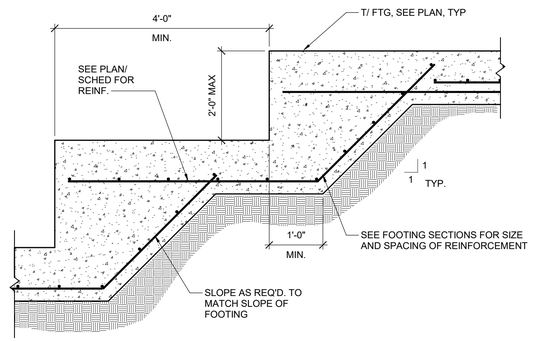
SCALE: NONE



NOTES:
1. PROVIDE VERTICAL WALL CONSTRUCTION JOINTS AT 40'-0" OC MAX UNO ON DWGS.
2. SUBMIT PROPOSED WALL JOINT LOCATIONS PRIOR TO POURING WALL.
3. SEE ARCH DWGS FOR TREATMENT OF EXPOSED CONST JOINTS (RUB OUT REVEAL OR OTHERS.
4. SEE ARCH DWGS FOR ADDITOINAL CONSTRUCTION JOINT REQS.

C6 DETAIL - WALL CONSTRUCTION JOINT

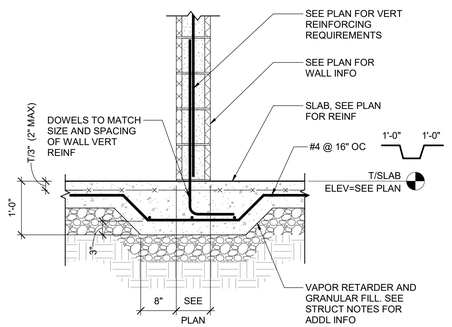
SCALE: NONE



NOTE: SEE PLAN FOR LOCATION OF STEPS. DETAILS FOR SINGLE STEP SIMILAR.

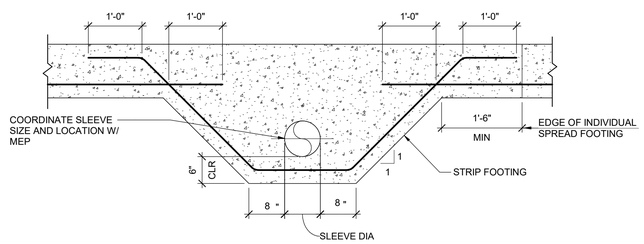
C4 TYPICAL STEP FOOTING DETAIL

SCALE: NONE



C2 TYPCIAL THICKENED SLAB BELOW NON-LOAD BEARING WALL

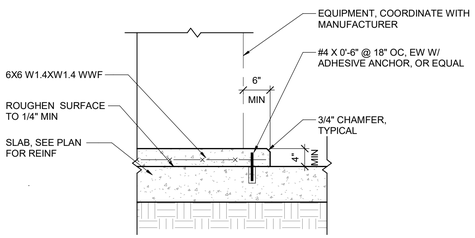
SCALE: NONE



NOTE:
1. ALL UNDERGROUND UTILITIES MUST PASS ABOVE BEARING ELEVATION.
2. THIS DETAIL APPLIES TO CONTINUOUS FOOTINGS, NOT SPREAD FOOTINGS.

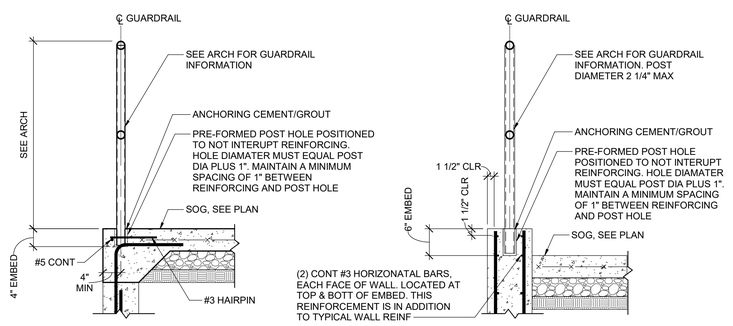
A6 TYPICAL SLEEVE FOR UNDERGROUND UTILITIES

SCALE: NONE



A4 TYPICAL INTERIOR EQUIPMENT PAD

SCALE: NONE



A3 DETAIL-GUARDRAIL DETAIL

SCALE: NONE

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
PROFESSIONAL ENGINEER
05.14.2025

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

REVISION DESCRIPTION	DATE	MRK

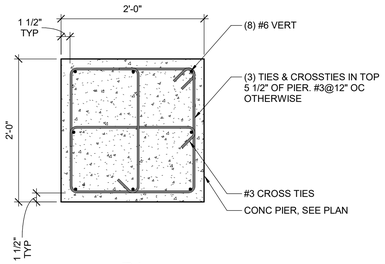
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

TYPICAL FOUNDATION SECTIONS

SHT. NO.	REV. NO.
S-501	0

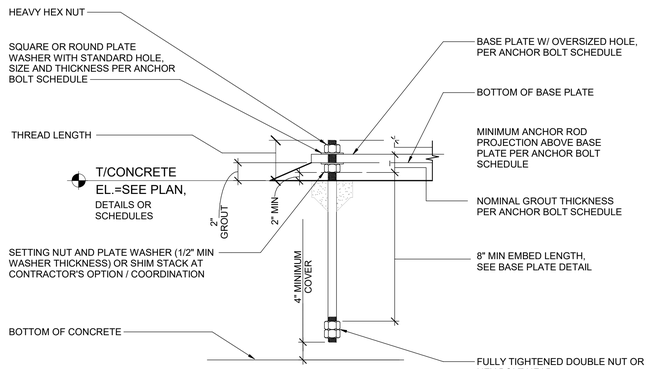
5/14/2025 12:23:56 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



P1

D6 TYPICAL CONCRETE PIER DETAILS

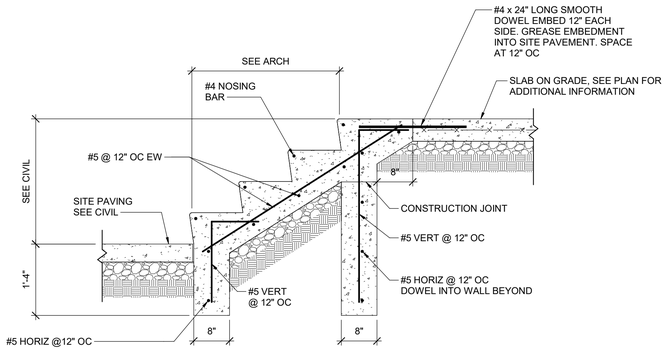
SCALE: NONE



ANCHOR BOLT SCHEDULE					
ANCHOR ROD DIAMETER	BASE PL HOLE DIA	MIN WASHER SIZE (EDGE OR DIAMETER)	MIN WASHER t	MIN PROJ ABOVE BASE PL	NOMINAL GROUT THICKNESS
3/4"	1 5/16"	2"	1/4"	3"	2"

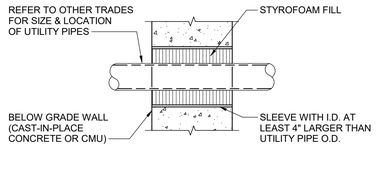
D4 TYPICAL ANCHOR ROD DETAIL

SCALE: NONE



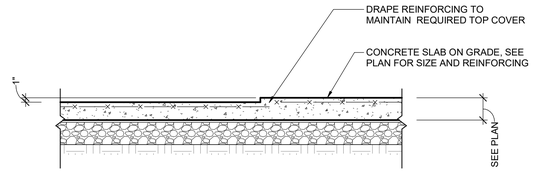
C6 SECTION - STAIR AT ENTRANCE

SCALE: NONE



C4 TYPICAL BELOW GRADE UTILITY PENETRATION

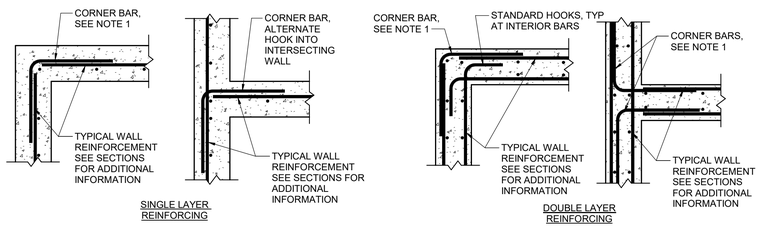
SCALE: NONE



NOTE: COORDINATE LOCATION OF SLAB DEPRESSION WITH DRAIN LOCATIONS SHOWN ON THE ARCHITECTURAL DRAWINGS.

C2 DETAIL - TYPICAL SLAB DEPRESSION

SCALE: 3/4" = 1'-0"

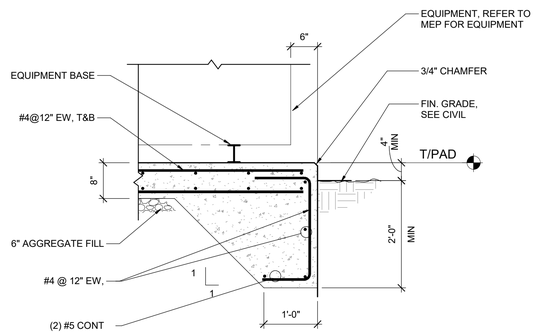


NOTES:

1. ALL SPLICE BARS TO MATCH SIZE AND SPACING OF HORIZONTAL REINFORCEMENT AND SHALL HAVE A MINIMIMUM LAP SPLICE OF 48 BAR DIAMETERS WITH ADJACENT REINFORCEMENT.
2. PROVIDE DOWELS FROM FOOTING WITH A MINIMUM LAP SPLICE OF 48 BAR DIAMETERS TO MATCH VERTICAL REINFORCING IN SIZE AND SPACING.
3. PROVIDE DOWELS AND SHEAR KEY AT INTERSECTIONS IF CONTRACTOR PROVIDES CONSTRUCTION JOINT UNO.

A6 WALL CORNER REINFORCEMENT DETAIL

SCALE: 3/4" = 1'-0"



NOTE:
1. SEE CIVIL DRAWINGS FOR PAD LOCATION AND EXTENT.
2. COORD PAD DIM W/ ACTUAL EQUIP DIMS MANUF REQ.

A4 TYPICAL EXTERIOR EQUIPMENT PAD

SCALE: 3/4" = 1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

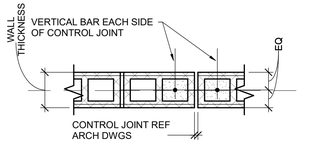
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

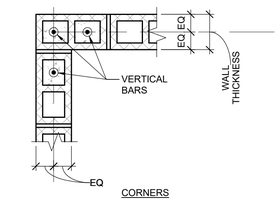
TYPICAL FOUNDATION DETAILS

SHT. NO.	REV. NO.
S-502	0

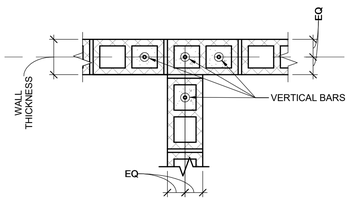
5/14/2025 12:23:57 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



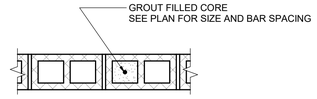
VERTICAL CONTROL JOINT



CORNERS

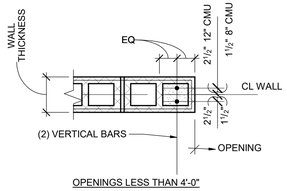


INTERSECTIONS

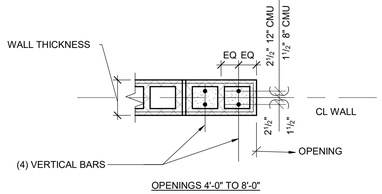


NOTE:
1. USE REINFORCING SCHEDULED ABOVE FOR ALL NON-LOAD-BEARING WALLS UNLESS OTHERWISE NOTED ELSEWHERE ON CONTRACT DRAWINGS.

TYPICAL BAR



OPENINGS LESS THAN 4'-0"

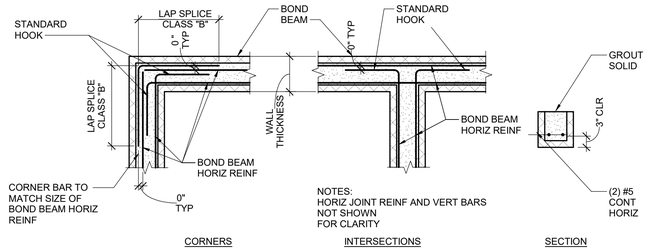


OPENINGS 4'-0" TO 8'-0"

NOTES (ALL DETAILS):
1. WALL REINFORCING SHOWN IS IN ADDITION TO TYPICAL WALL REINFORCING SHOWN IN SECTIONS.
2. VERTICAL BAR SIZE TO MATCH SIZE OF TYPICAL WALL REINFORCING, UNLESS NOTED OTHERWISE.
3. HORIZONTAL WALL REINFORCING NOT SHOWN FOR CLARITY.

D6 TYPICAL MASONRY WALL REINFORCING

SCALE: NONE

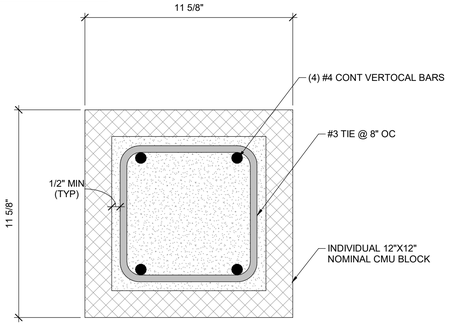


CORNERS INTERSECTIONS SECTION

BOND BEAM NOTES:
1. PROVIDE 8" BEARING EACH END OF LINTEL.
2. REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.
3. FOR DUCT OPENINGS REFER TO MECHANICAL DRAWINGS.
4. REFER TO ARCHITECTURAL DRAWINGS FOR WIDTH OF LINTEL. SCHEDULE APPLIES ONLY TO LINTELS NOT OTHERWISE SHOWN ON THE DRAWINGS.
5. FOR HEAD DETAILS, SEE ARCHITECTURAL DRAWINGS.

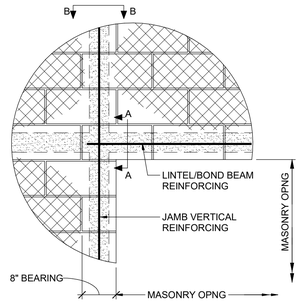
B6 TYPICAL MASONRY BOND BEAM

SCALE: 3/4" = 1'-0"

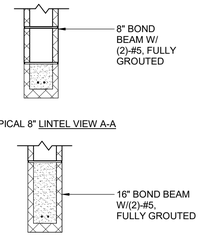


B4 DETAIL - MASONRY COLUMN

SCALE: 3" = 1'-0"



TYPICAL JAMB ELEVATION



TYPICAL 8" LINTEL VIEW A-A

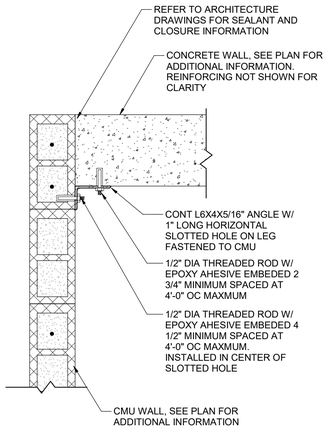
TYPICAL 16" LINTEL VIEW A-A

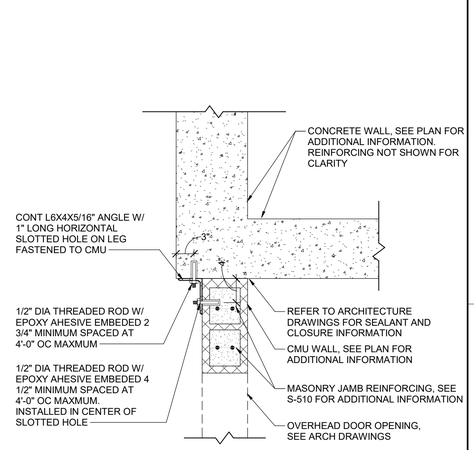
TYPICAL CMU LINTEL SCHEDULE	
CLEAR SPAN	REMARKS
LESS THAN 5'-0"	8" BOND BEAM W/(2) #5
5'-0" TO 12'-0"	16" BOND BEAM W/(2) #5
TYPICAL BRICK LINTEL SCHEDULE	
4'-0" OR LESS	L4x3 1/2x1/4

DETAIL NOTES:
1. ALL BOND BEAMS ARE KNOCK OUT TYPE AT VERTICAL REBAR.
2. COORDINATE LOCATION & ROUGH OPNG SIZE FOR ALL WALL OPENINGS WITH PLAN DRAWINGS.
3. LINTEL SCHEDULE IS APPLICABLE ONLY WHERE MASONRYABOVE THE OPENINGS EXCEEDS LINTEL CLEAR SPAN LENGTH.
4. ALL STEEL IN EXTERIOR WALLS MUST BE GALVANIZED.

D3 TYPICAL JAMB AND LINTEL DETAILS FOR MASONRY WALLS

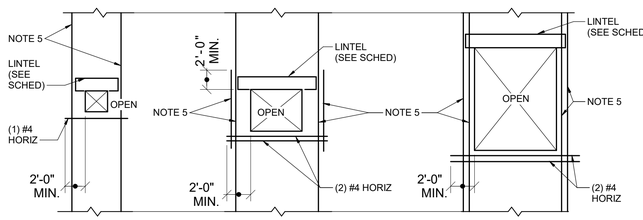
SCALE: NONE





B3 DETAIL - CMU & CONC WALL INTERSECTION

SCALE: NONE



CASE 1 CASE 2 CASE 3

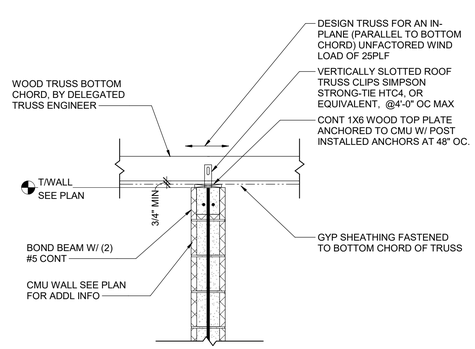
NOTES:
1. CASE 1 - APPLIES TO OPENINGS IN INTERIOR WALLS OVER 100 SQUARE INCHES, AND OPENINGS IN EXTERIOR WALLS WHICH ARE 2 FEET OR LESS BOTH WAYS, BUT VER 100 SQUARE INCHES IN AREA.

   CASE 2 - APPLIES TO OPENINGS IN WALLS WHICH EXCEED 2 FEET BUT ARE LESS THAN 4 FEET IN ANY DIRECTION.

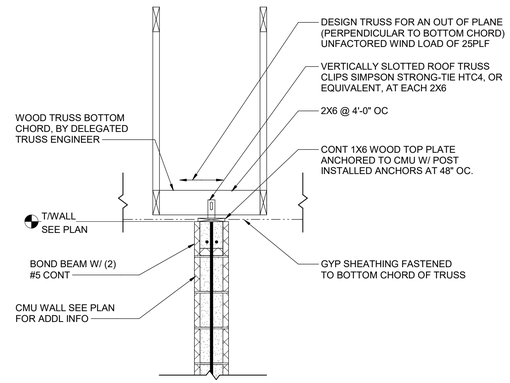
   CASE 3 - APPLIES TO OPENINGS IN WALLS WHICH EXCEED 4 FEET BUT ARE LESS THAN 8 FEET IN ANY DIRECTION.
2. REINFORCEMENT SHOWN ABOVE IS IN ADDITION TO THE TYPICAL WALLREINFORCEMENT.
3. ALL VERTICAL BARS TO BE FULL HEIGHT U.N.O. IN DETAIL.
4. WHERE LINTEL IS NOT PROVIDED AND TOP OF OPENING ABUTS BOTTOM OFSTRUCTURAL MEMBER, LOCATE VERTICAL JAMB BARS SHOWN IN FIRST ADJACENT MASONRY CELL EACH SIDE OF OPENING.
5. SEE TYPICAL CMU VERTICAL REINFORCEMENT DETAILS, THIS SHEET.
6. WHERE STEEL LINTELS ARE USED, PLACE JOINT REINFORCEMENT IN THE FIRST BED JOINT ABOVE THE OPENING AND EXTEND 24" ON EACH SIDE OF OPENING.

A6 TYPICAL MASONRY OPENING REINFORCEMENT

SCALE: 3/4" = 1'-0"



PERPENDICULAR



PARALLEL

A4 TYP TOP OF INTERIOR NON-LOAD BEARING WALL

SCALE: 3/4" = 1'-0"

3" = 1'-0" 0' 3" 6" 9"

3/4" = 1'-0" 0' 1' 2' 3'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
PROFESSIONAL ENGINEER
05.14.2025

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

REV.	DESCRIPTION	DATE	MRK.

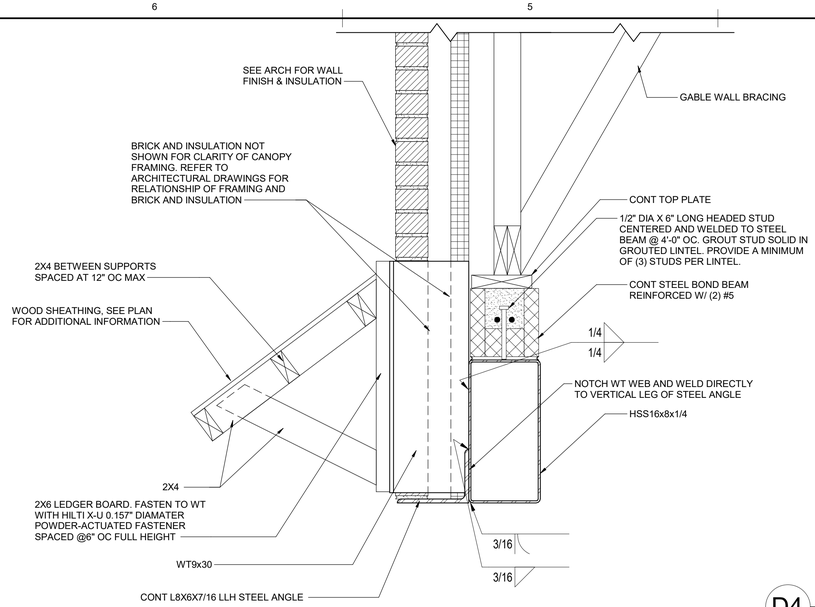
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

TYPICAL MASONRY DETAILS

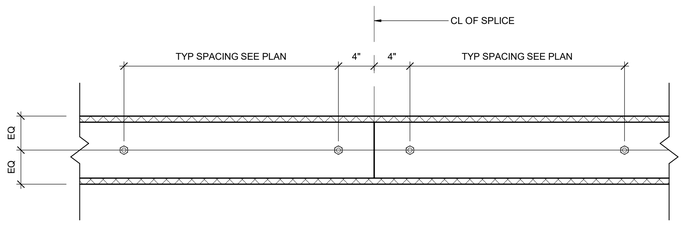
SHT. NO.	REV. NO.
S-510	0

5/14/2025 12:23:57 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



C6 CANOPY DETAIL

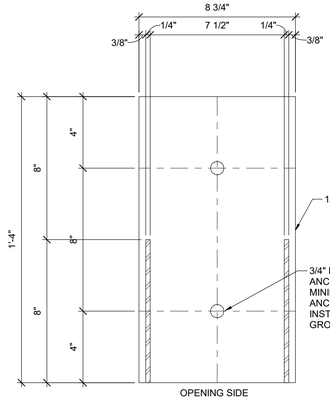
SCALE: 1 1/2" = 1'-0"



NOTES:
1. THE TRUSS MANUFACTURER'S DELEGATED DESIGN ENGINEER IS RESPONSIBLE FOR FINAL BLOCKING CONFIGURATION AND DESIGN.
2. BLOCKING, INCLUDING CONNECTIONS, MUST BE CAPABLE OF TRANSFERRING AN ULTIMATE, UNFACTORED, IN-PLANE (PERPENDICULAR TO TRUSS SPAN) LOAD OF 450 PLF FROM THE ROOF SHEATHING TO THE WOOD TOP PLATE.

B6 TYPICAL - TOP PLATE SPLICE

SCALE: NONE



EMBED D2/S-403

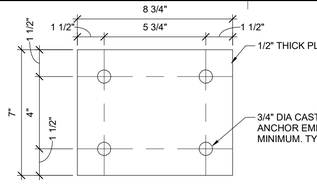
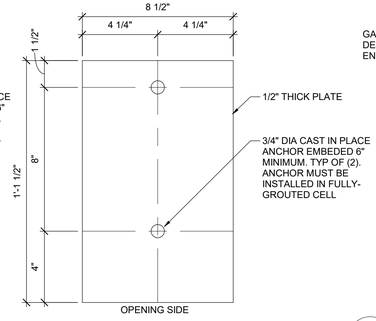


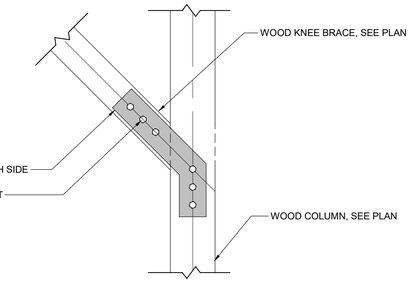
PLATE AT MASONRY COLUMN



EMBED A6/S-311

D4 BID ADDITIVE - BEAM PLATE EMBED

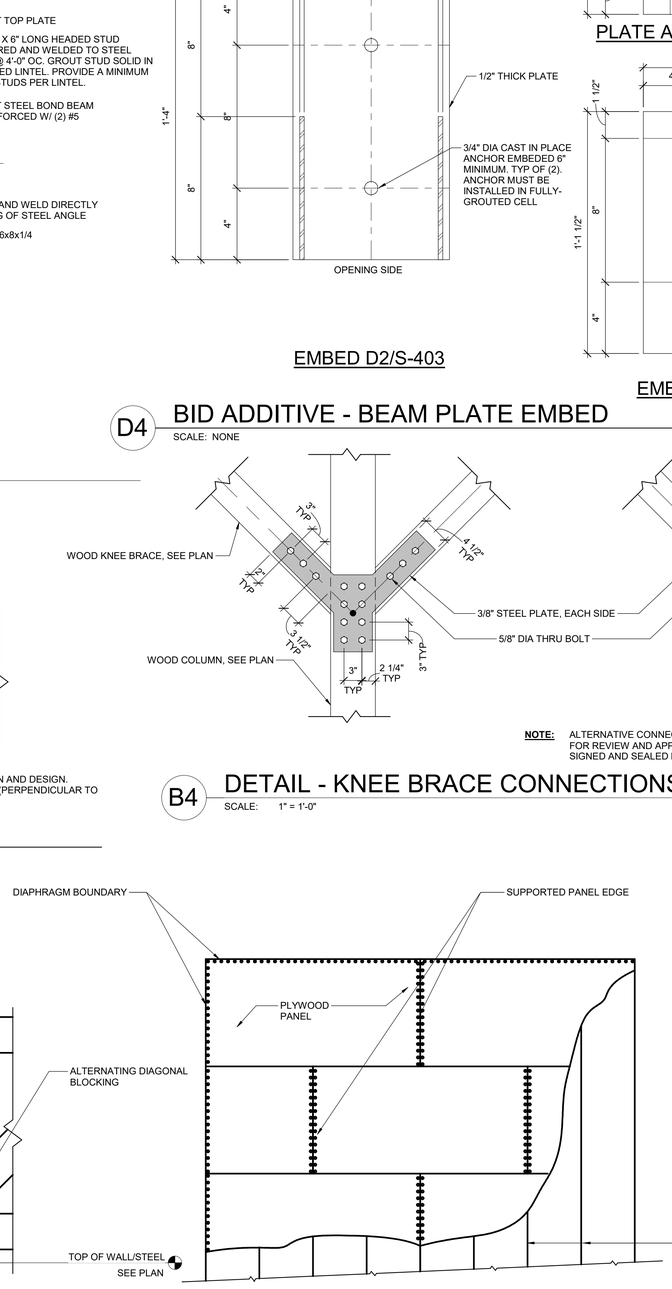
SCALE: NONE



NOTE: ALTERNATIVE CONNECTION DESIGNS MUST BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO CONSTRUCTION. ALTERNATIVE CONNECTIONS DESIGNS MUST BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CONSTRUCTION..

B4 DETAIL - KNEE BRACE CONNECTIONS

SCALE: 1" = 1'-0"



NOTES:
1. THE TRUSS MANUFACTURER'S DELEGATED DESIGN ENGINEER IS RESPONSIBLE FOR FINAL BLOCKING CONFIGURATION AND DESIGN.
2. BLOCKING, INCLUDING CONNECTIONS, MUST BE CAPABLE OF TRANSFERRING AN ULTIMATE, UNFACTORED, IN-PLANE (PERPENDICULAR TO TRUSS SPAN) LOAD OF 450 PLF FROM THE ROOF SHEATHING TO THE WOOD TOP PLATE.

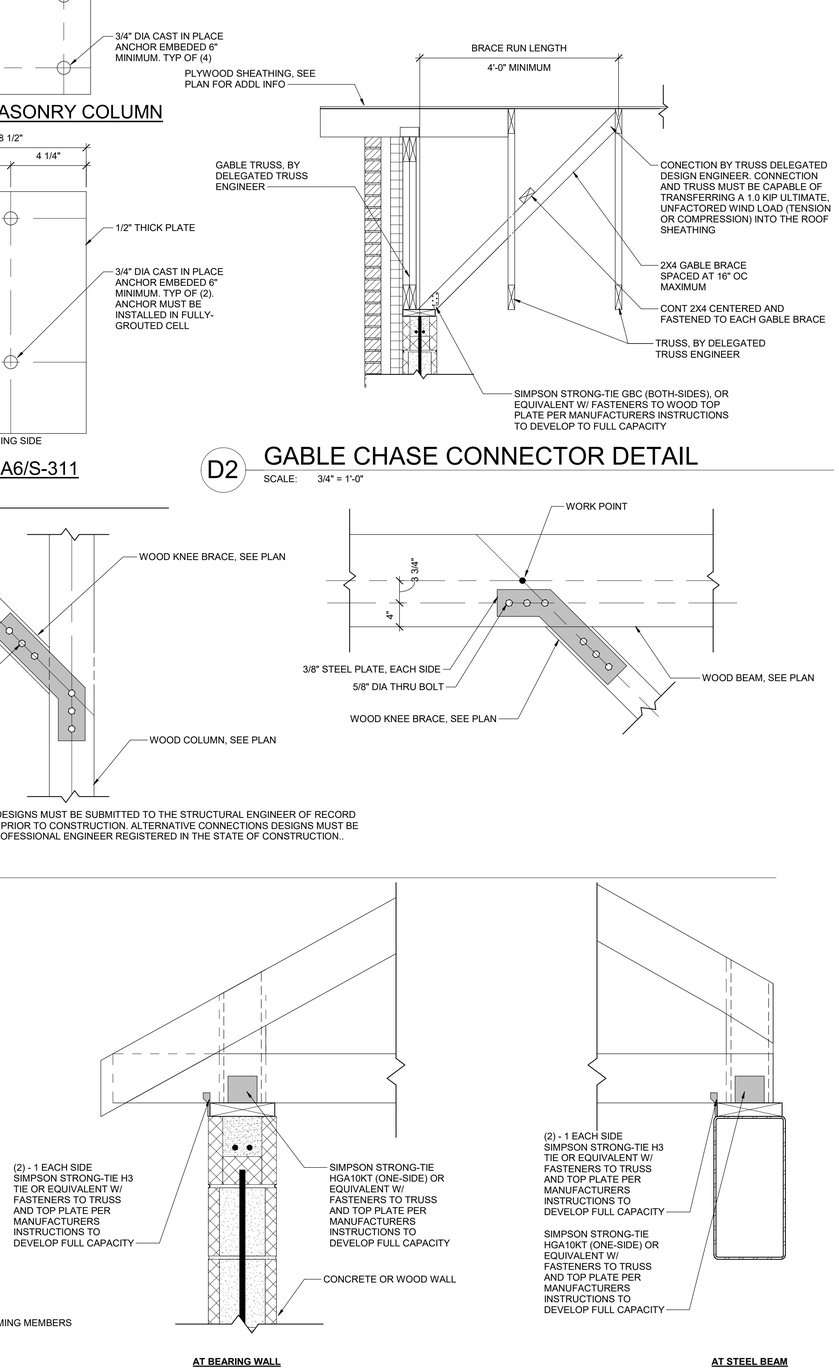
A6 TYPICAL - BLOCKING DETAIL

SCALE: NONE

NOTE: SEE PLAN FOR FASTENING REQUIREMENTS

A4 TYPICAL - ROOF SHEATHING FASTENING DETAIL

SCALE: NONE



NOTE:
1. REFER TO THE DESIGN DRAWINGS FOR INFORMATION NOT SHOWN IN THIS DETAIL.
2. CONNECTION INFORMATION IS PROVIDED AS A BASIS OF DESIGN. THE TRUSS MANUFACTURER'S DELEGATED DESIGN ENGINEER IS RESPONSIBLE FOR FINAL TRUSS CONNECTION DESIGN.

A2 TYPICAL - TRUSS CONNECTION DETAIL

SCALE: 1 1/2" = 1'-0"

0' 6" 1' 2'
SCALE: 1"=1'-0"

0' 6" 1' 18"
SCALE: 1-1/2"=1'-0"

0' 3" 6" 9"
SCALE: 3"=1'-0"

D2 GABLE CHASE CONNECTOR DETAIL

SCALE: 3/4" = 1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

REVISION DESCRIPTION	DATE	MRK

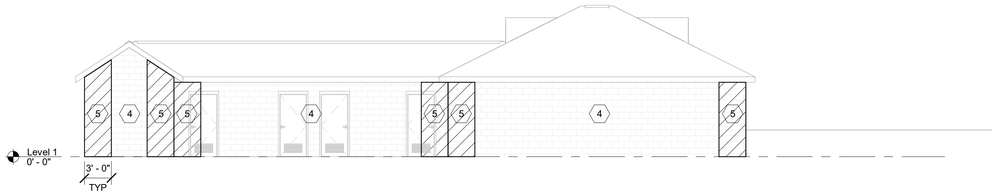
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

TYPICAL FRAMING DETAILS

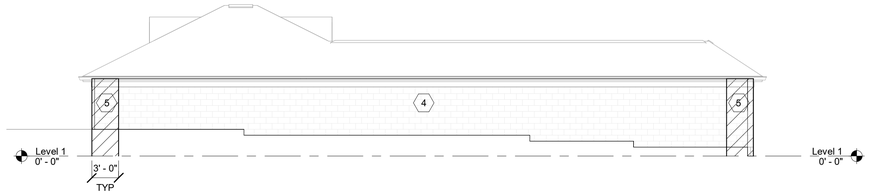
SHT. NO.	REV. NO.
S-520	0

5/14/2025 12:23:57 PM
C:\Users\jharner\Documents\240163_R23_S_jharnerLNQCS.rvt



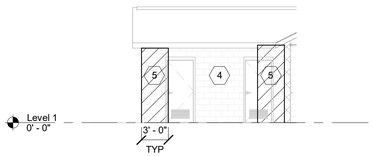
D6 FACILITIES BUILDING WALL PRESSURE - NORTH

SCALE: 1/8" = 1'-0"



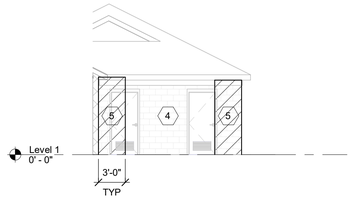
D3 FACILITIES BUILDING WALL PRESSURE - SOUTH

SCALE: 1/8" = 1'-0"



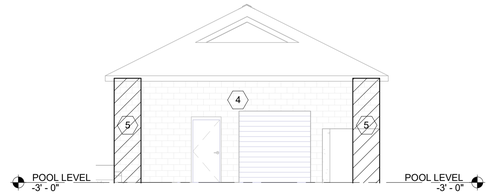
C6 FACILITIES BUILDING WALL PRESSURE - EAST

SCALE: 1/8" = 1'-0"



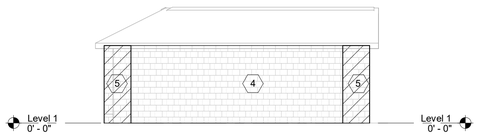
C4 FACILITIES BUILDING WALL PRESSURE - WEST

SCALE: 1/8" = 1'-0"



C2 FACILITIES BUILDING WALL PRESSURE - EAST

SCALE: 1/8" = 1'-0"



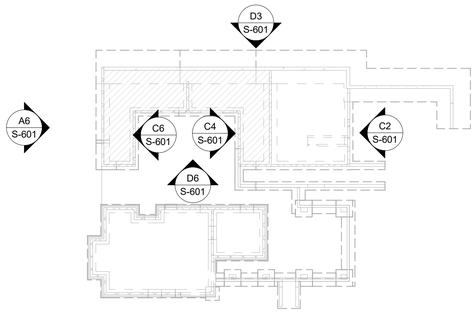
A6 FACILITIES BUILDING WALL PRESSURE - WEST

SCALE: 1/8" = 1'-0"

WALL WIND PRESSURES		
LOCATION	EFFECTIVE AREA <= 10FT2	EFFECTIVE AREA >=500 FT2
4	-26.36 PSF	-19.66 PSF
	-28.59 PSF	-21.89 PSF
5	26.36 PSF	19.66 PSF
	-35.29 PSF	-21.89 PSF

NOTES:

1. EFFECTIVE AREA REFERS TO THE EFFECTIVE WIND AREA FOR THE COMPONENT BEING DESIGNED.
2. WIND PRESSURES ARE ULTIMATE VALUES.
3. LINEAR INTERPOLATION BETWEEN VALUES IS NOT PERMITTED. SEE ASCE 7-22 FOR INTERMEDIATE VALUES.
4. WIND DIRECTIONALITY FACTOR (Kd=0.85) HAS BEEN INCLUDED IN TABULATED VALUES.
5. POSITIVE AND NEGATIVE WIND LOADS REPRESENT WIND ACTING TOWARDS AND AWAY FROM ROOF SURFACE, RESPECTIVELY. ALL WIND LOADS ACT NORMAL TO WIND SURFACE.
6. TABULATED WIND LOADS INCLUDE INTERNAL PRESSURE FOR ENCLOSED STRUCTURE.
7. TABULATED PRESSURES ARE FOR WIND LOAD ONLY AND DO NOT ACCOUNT FOR DEAD LOAD OF THE BUILDING COMPONENTS.



A3 KEY PLAN

SCALE: NONE

SCALE: 1/8"=1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

WALL PRESSURE ELEVATIONS - FACILITIES BUILDING

SHT. NO.	REV. NO.
S-601	0

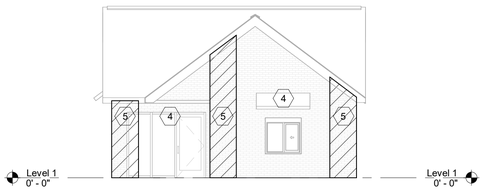
5/14/2025 12:23:58 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt

D6 ADMINISTRATION BUILDING WALL PRESSURE - NORTH

SCALE: 1/8" = 1'-0"

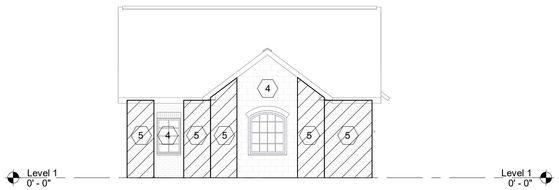
D3 ADMINISTRATION BUILDING WALL PRESSURE - SOUTH

SCALE: 1/8" = 1'-0"



C6 ADMINISTRATION BUILDING WALL PRESSURE - EAST

SCALE: 1/8" = 1'-0"



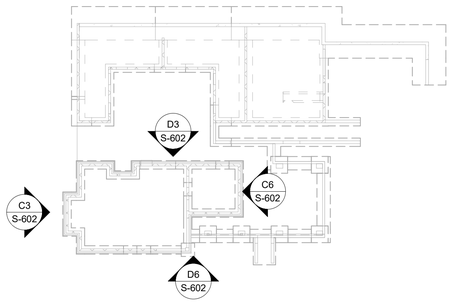
C3 ADMINISTRATION BUILDING WALL PRESSURE - WEST

SCALE: 1/8" = 1'-0"

WALL WIND PRESSURES		
LOCATION	EFFECTIVE AREA <= 10FT2	EFFECTIVE AREA >=500 FT2
4	-26.36 PSF	-19.66 PSF
	-28.59 PSF	-21.89 PSF
5	26.36 PSF	19.66 PSF
	-35.29 PSF	-21.89 PSF

NOTES:

1. EFFECTIVE AREA REFERS TO THE EFFECTIVE WIND AREA FOR THE COMPONENT BEING DESIGNED.
2. WIND PRESSURES ARE ULTIMATE VALUES.
3. LINEAR INTERPOLATION BETWEEN VALUES IS NOT PERMITTED. SEE ASCE 7-22 FOR INTERMEDIATE VALUES.
4. WIND DIRECTIONALITY FACTOR (Kd=0.85) HAS BEEN INCLUDED IN TABULATED VALUES.
5. POSITIVE AND NEGATIVE WIND LOADS REPRESENT WIND ACTING TOWARDS AND AWAY FROM ROOF SURFACE, RESPECTIVELY. ALL WIND LOADS ACT NORMAL TO WIND SURFACE.
6. TABULATED WIND LOADS INCLUDE INTERNAL PRESSURE FOR ENCLOSED STRUCTURE.
7. TABULATED PRESSURES ARE FOR WIND LOAD ONLY AND DO NOT ACCOUNT FOR DEAD LOAD OF THE BUILDING COMPONENTS.



B2 KEY PLAN

SCALE: NONE

SCALE: 1/8"=1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

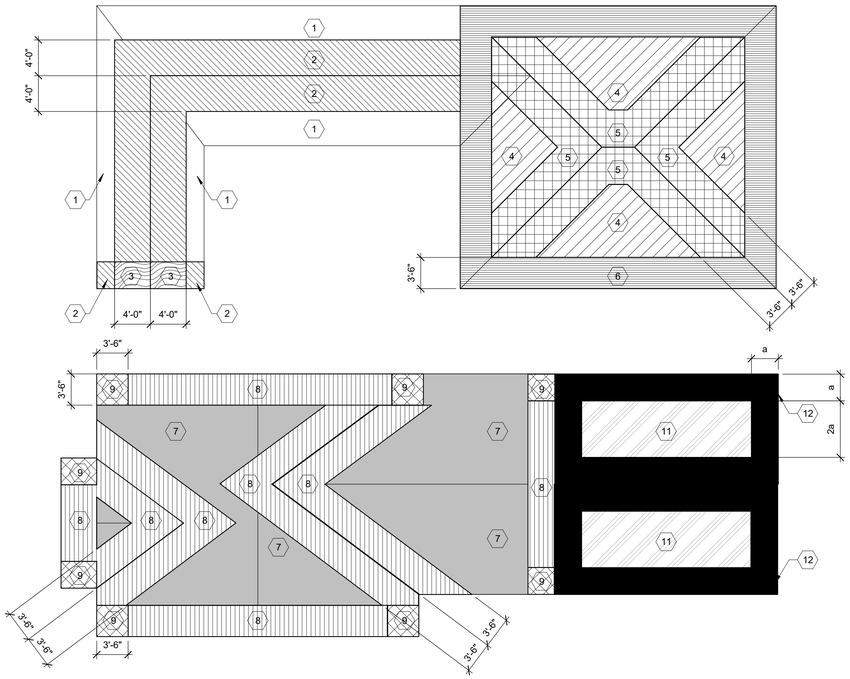
COMM NO:	240163
DATE:	05/14/2025
DRAWN: AQ	DESIGN: JH
CHECK:	KT

SHEET TITLE

WALL PRESSURE ELEVATIONS - ADMINISTRATION BUILDING

SHT. NO.	REV. NO.
S-602	0

5/14/2025 12:23:58 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt



PLAN NORTH

A1 ROOF WIND PRESSURE DIAGRAM

SCALE: 1/8" = 1'-0"

ENCLOSED BUILDING ROOF WIND PRESSURES

LOCATION	EFFECTIVE AREA <= 10 FT2	EFFECTIVE AREA >=500 FT2
1	18 PSF / -38 PSF	16 PSF / -22 PSF
2	18 PSF / -60 PSF	16 PSF / -31 PSF
3	18 PSF / -72 PSF	16 PSF / -36 PSF
4	20 PSF / -36 PSF	16 PSF / -22 PSF
5	20 PSF / -49 PSF	16 PSF / -27 PSF
6	20 PSF / -49 PSF	16 PSF / -27 PSF
7	25 PSF / -45 PSF	16 PSF / -22 PSF
8	25 PSF / -49 PSF	16 PSF / -27 PSF
9	25 PSF / -60 PSF	16 PSF / -27 PSF

OPEN BUILDING ROOF WIND PRESSURES

LOCATION	EFFECTIVE AREA <= a^2	EFFECTIVE AREA > a^2, <= 4a^2	EFFECTIVE AREA > 4a^2	'a' DIMENSION
10	23 PSF / -16 PSF	23 PSF / -16 PSF	23 PSF / -16 PSF	3'-0"
11	35 PSF / -25 PSF	35 PSF / -25 PSF	23 PSF / -16 PSF	
12	46 PSF / -32 PSF	35 PSF / -25 PSF	23 PSF / -16 PSF	

NOTES

1. LINEAR INTERPOLATION BETWEEN VALUES IS NOT PERMITTED. SEE ASCE 7-16 FIG. 30.5-1 FOR INTERMEDIATE VALUES.
2. COMPONENTS AND CLADDING WIND PRESSURES ARE ULTIMATE VALUES.
3. WIND DIRECTIONALITY FACTOR (Kd=0.85) HAS BEEN INCLUDED.
4. WIND LOADS MAY NOT BE REDUCED BY 33% NOR MAY MATERIAL STRENGTHS BE INCREASED BY 33%.
5. POSITIVE AND NEGATIVE WIND LOADS REPRESENT WIND ACTING TOWARDS AND AWAY FROM ROOF SURFACE, RESPECTIVELY. ALL WIND LOADS ACT NORMAL TO WIND SURFACE.
6. WIND LOADS INCLUDE INTERNAL PRESSURE FOR ENCLOSED STRUCTURE.
7. PROVIDED PRESSURES ARE FOR WIND LOAD ONLY AND DO NOT ACCOUNT FOR DEAD LOAD OF THE ROOF COMPONETS.
8. PROVIDED PRESSURE DIAGRAM DOES NOT INCLUDE COMPONENT AND CLADDING OVERHANG PRESURES. OVERHANG PRESSURES ARE AS FOLLOWS:
   A. <=10FT^2 -86 PSF
   B. >=50FT^2 -51 PSF

0' 4' 8' 16'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
JAMES D. HARNER
Lic. No. 0402062317
05.14.2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: AQ | DESIGN: JH
CHECK: KT

SHEET TITLE

ROOF UPLIFT WIND LOAD DIAGRAMS

SHT. NO. S-603
REV. NO. 0

5/14/2025 12:23:58 PM
C:\Users\jharner\Documents\240163_R23_S_JharnerLNQCS.rvt

STANDARD ARCHITECTURAL ABBREVIATIONS

A

A/C - AIR CONDITION
AB - ANCHOR BOLT
ABBRV - ABBREVIATION
AC - ACOUSTICAL
ACC - ACCESSIBLE
ACS PNL - ACCESS PANEL
ACT - ACOUSTICAL CEILING TILE
ACOUS - ACOUSTIC(AL)
ACU - AIR CONDITIONING UNIT
ADA - AMERICAN WITH DISABILITIES ACT
ADDM - ADDENDUM
ADJ - ADJUSTABLE, ADJACENT
AED - AUTOMATIC EXTERNAL DEFIBRILLATOR
AFF - ABOVE FINISH FLOOR
AHU - AIR HANDLING UNIT
ALT - ALTERNATE
ALUM - ALUMINUM
ANOD - ANODIZE
APP - APPLICABLE
APPROX - APPROXIMATE
ARCH - ARCHITECT(URAL)
ASB - ASBESTOS
ASWG - AMERICAN STEEL WIRE GAUGE
AVE - AVERAGE
AWC - ACRYLIC WALL COVERING

B

B - BOTTOM
B LABEL - CLASS B DOOR
BAT - BATTEN, BATTERY
BD - BOARD
BDRY - BOUNDARY
BKBD - BACKBOARD
BKD - BACKING
BLDG - BUILDING
BLW - BELOW
BM - BEAM
BMS - BEAMS
BOT - BOTTOM
BR - BEDROOM
BRG - BEARING
BS - BOTH SIDES
BTWN - BETWEEN
BUR - BUILT UP ROOFING
BW - BOTH WAYS
B-U - BUILT-UP

C

C - CONTINUED
C LABEL - CLASS C DOOR
C TO C - CENTER TO CENTER
CAB - CABINET
CALC - CALCULATE(D)
CB - CERAMIC BASE
CEM - CEMENT
CER - CERAMIC
CF - CUBIC FEET
CFCI - CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFS - COLD FORMED STEEL
CG - CORNER GUARD
CIR - CIRCLE
CJ - CONSTRUCTION/CONTROL JOINT
CL - CENTER LINE
CL D - CLOTHES DRYER
CLG - CEILING
CLO - CLOSET
CLR - CLEAR
CNTR - COUNTER
CMU - CONCRETE MASONRY UNIT
COL - COLUMN
COMM - COMMUNICATION
CONC - CONCRETE
CONST - CONSTRUCTION
CONT - CONTINUOUS
CONTR - CONTRACTOR
COORD - COORDINATE
CORR - CORRIDOR
COTR - CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE
COV - COVER
CPT - CARPET, COMMON PATH OF TRAVEL
CRS - COURSE
CSWK - CASEWORK
CT - CERAMIC TILE
CTG - COATING
CTR - CENTER
CUST - CUSTODIAN

D

D - DEEP/DEPTH, DRYER
DBL - DOUBLE
DEG - DEGREE
DEMO - DEMOLITION
DEG - DEGREE
DET - DETAIL
DF - DRINKING FOUNTAIN
DH - DOUBLE HUNG (DOOR WINDOW)
DIA(M) - DIAMETER
DIAG - DIAGONAL
DIM - DIMENSION
DIST - DISTANCE
DN - DOWN
DR - DOOR
DS - DOWN SPOUT
DUPL - DUPLICATE
DW - DISHWASHER
DWG(S) - DRAWING(S)

E

EA - EACH
EJ - EXPANSION JOINT
EL(EV) - ELEVATION, ELEVATOR
ELEC - ELECTRICAL, ELECTRIC
ENCL - ENCLOSURE
ENGR - ENGINEER
ENVIR - ENVIRONMENT
EP - ELECTRICAL PANELBOARD
EPDM - ETHYLENE PROPYLENE DIENE MONOMER
EQ - EQUAL
EQ(UIP) - EQUIPMENT
ETC - ETCETERA
EW - EACH WAY
EWC - ELECTRIC WATER COOLER
EWH - ELECTRIC WATER HEATER
EXH - EXHAUST
EX(IST) - EXISTING
EXP - EXPOSED
EXT - EXTERIOR

F

F - FEMALE
FCU - FAN COIL UNIT
FD - FLOOR DRAIN
FDTN - FOUNDATION
FE - FIRE EXTINGUISHER
FEC - FIRE EXTINGUISHER CABINET
FF - FINISH FLOOR
FF&E - FURNITURE, FIXTURE & EQUIPMENT
FIN - FINISH
FIXT - FIXTURE
FLASH - FLASHING
FL(R) - FLOOR
FLOUR - FLUORESCENT
FNV - FEMALE NAPKIN/TAMPON VENDOR
FR - FIRE RATING, FRAME
FRMG - FRAMING
FRT - FIRE RETARDANT TREATED
FSTNR - FASTENER
FT - FEET (FOOT)
FTD - FACIAL TISSUE DISPENSER
FUR - FURRING
FURG - FURRING
FURN - FURNITURE
FWC - FABRIC WALLCOVERING

G

GA - GAUGE
GALV - GALVANIZED
GB - GRAB BAR
GC - GENERAL CONTRACTOR
GEN - GENERAL
GLZ - GLAZING
GOVT (GOV'T) - GOVERNMENT
GP - GLAZED PARTITION
GR - GRILLE
GWB - GYPSUM WALL BOARD
GYP - GYPSUM

H

H - HIGH
HB - HOSE BIB
HC - HANDICAP/HOLLOW CORE
HDR - HEADER
HDW - HARDWARE
HM - HOLLOW METAL
HNDRL - HANDRAIL
HORIZ - HORIZONTAL
HR - HOUR
H(G)T - HEIGHT
HVAC - HEATING VENTILATION AIR CONDITIONING

I

IBC - INTERNATIONAL BUILDING CODE
IBC - INTERNATIONAL BUILDING CODE
ID - INSIDE DIMENSIONS
IN. - INCHES
INFO - INFORMATION
INS(UL) - INSULATION/INSULATED
INSTL - INSTALL
INT - INTERIOR
INV - INVERT

J

JAN - JANITOR
JS - JANITOR'S CLOSET
JST - JOIST
JT - JOINT

K

KIT - KITCHEN

L

L - LENGTH
LAM - LAMINATE(D)
LAV - LAVATORY
LB - POUND
LF - LINEAR FEET (FOOT)
LLH - LONG LEG HORIZONTAL
LLV - LONG LEG VERTICAL
LOC - LOCATION
LR - LIVING ROOM
LRG - LARGE
LT - LIGHT

M

M - MALE
MACH - MACHINE
MAINT - MAINTENANCE
MAS - MASONRY
MAT(L) - MATERIAL
MAX - MAXIMUM
MECH - MECHANICAL
MEZZ - MEZZANINE
MFR - MANUFACTURER
MH - MOUNTING HEIGHT
MIN - MINIMUM
MISC - MISCELLANEOUS
MO - MASONRY OPENING
MOD - MODIFY, MODEL
MRT - MARBLE THRESHOLD
MT - METAL THRESHOLD
MTL - METAL

N

N - NORTH
N(/)A - NOT APPLICABLE
NIC - NOT IN CONTRACT
NL - NIGHT LIGHT
NO. - NUMBER
NOM - NOMINAL
NTS - NOT TO SCALE

O

OA - OVERALL
OC - ON CENTER
OCC - OCCUPANT/OCCUPANCY
OD - OUTSIDE DIAMETER
OFCI - OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI - OWNER FURNISHED, OWNER INSTALLED
OH - OVERHEAD/ OVERHANG
OPNG - OPENING
OPP - OPPOSITE
OPH - OPPOSITE HAND
ORD - OVERFLOW ROOF DRAIN

P

PANEL'G - PANELING
PART - PARTIAL
PCF - POUNDS PER CUBIC FOOT
PEMB - PRE-ENGINEERED METAL BUILDING
PL - PLATE
PLAS - PLASTER, PLASTIC
PLAM - PLASTIC LAMINATE
PLBG - PLUMBING
PL(Y)WD - PLYWOOD
PNL - PANEL
PR - PAIR
PREFIN - PREFINISH(ED)
PRMLD - PREMOLDED
PSF - POUNDS PER SQUARE FOOT
PT - PRESSURE TREATED / PAINT
PTD - PAPER TOWEL DISPENSER
PTN - PARTITION
PTR - PAPER TOWEL RECEPTACLE

R

R - RISER/RADIUS
RA - RETURN AIR
RB - RUBBER BASE
RCP - REFLECTED CEILING PLAN
RD - ROOF DRAIN
REC - RECOMMEND(ED)
REF - REFRIGERATOR, REFERENCE
REFL - REFLECT
REINF - REINFORCING
REPL - REPLACE
REQ('D) - REQUIRE(D)
RESIL - RESILIENT
RG - RETURN AIR GRILLE
RM - ROOM
RND - ROUND
RO - ROUGH OPENING

S

S - STEEL
S/L - STEEL LINE
SC - SOLID CORE
SCH(ED) - SCHEDULE
SCWD - SOLID CORE WOOD DOOR
SECT - SECTION
SF - SQUARE FOOT (FEET)
SGL - SINGLE
SHR - SHOWER
SHT - SHEET
SIM - SIMILAR
SND - SOUND
SPEC(S) - SPECIFICATIONS
SQ - SQUARE
SST - STAINLESS STEEL
ST - STREET/ STAIRS
STC - SOUND TRANSMISSION COEFFICIENT
STD - STANDARD
STD(NT) - STUDENT
STL - STEEL
STOR - STORAGE
STR - STRUCTURE, STRUCTURAL
SUSP - SUSPEND, SUSPENDED

T

T - TREAD
T.O. - TOP OF
TA - TOILET ACCESSORY
TB - TOWEL BAR
TBD - TO BE DETERMINED
TC - TOP OF CURB
TD - TOWEL DISPENSER
TE - TOILET EQUIPMENT
TECH - TECHNOLOGY/ TECHNICAL
TEL - TELEPHONE
TEMP - TEMPORARY, TEMPERATURE
THK - THICKNESS
THRESH - THRESHOLD
THRU - THROUGH
TOB - TOP OF BEAM
TOC - TOP OF CONCRETE
TOF - TOP OF FLOOR
TOM - TOP OF MASONRY
TOS - TOP OF SLAB, TOP OF STEEL
TOW - TOP OF WALL
TPD - TOILET PAPER DISPENSER
TPH - TOILET PAPER HOLDER
TRANS - TRANSLUCENT
TWC - TEXTILE WALL COVERING
TYP - TYPICAL

U

UL - UNDERWRITERS LABORATORY
UON - UNLESS OTHERWISE NOTED
UNO - UNLESS NOTED OTHERWISE

V

VAR - VARIES
VB - VINYL BASE
VCT - VINYL COMPOSITION TILE
VERT - VERTICAL
VEST - VESTIBULE
VIF - VERIFY IN FIELD
VR - VAPOR RETARDER
VTR - VENT THROUGH ROOF
VWC - VINYL WALL COVERING

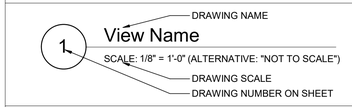
W

W - WIDE, WASH, WASHER
W/ - WITH
W/O - WITHOUT
WB - WOOD BASE
WC - WALL COVERING/ WATER CLOSET
WD - WOOD/ WOOD DOOR
WF - WIDE FLANGE/ WATER FOUNTAIN
WP - WORK POINT, WATER PUMP
WR - WATER RESISTANT
WWF - WELDED WIRE FABRIC

SYMBOLS

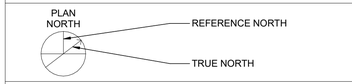
& AND
@ AT
∠ ANGLE
℄ CENTERLINE
±, +/- MORE OR LESS, APPROXIMATELY
POUND (WEIGHT)/ REFERENCE NUMBER
X REFERENCE LETTER
℄ STEEL LINE

ARCHITECTURAL DRAWING SYMBOLS

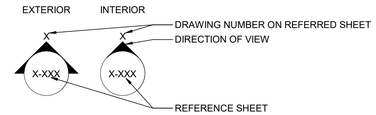


DRAWING TITLE

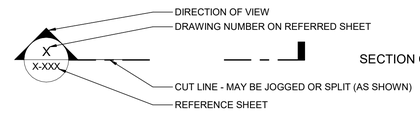
GRAPHIC SCALE



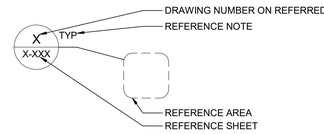
NORTH ARROW



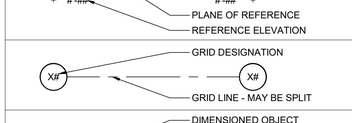
ELEVATION CALLOUT



SECTION CALLOUT

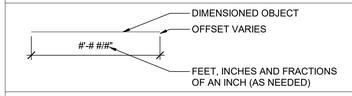


DETAIL CALLOUT

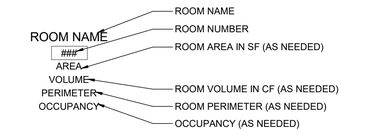


ELEVATION DESIGNATION (MAY BE SHOWN ON EITHER OR BOTH SIDES)

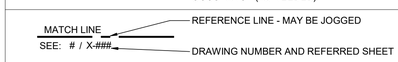
COLUMN LINE DESIGNATION (MAY BE SHOWN ON EITHER OR BOTH SIDES)



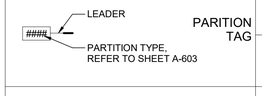
DIMENSIONS



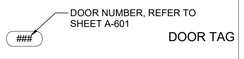
ROOM TAG



MATCHLINE

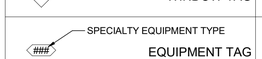


PARITION TAG



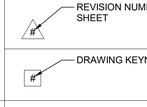
DOOR TAG

WINDOW TAG

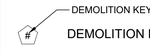


EQUIPMENT TAG

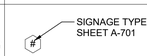
FINISH TAG



REVISION TAG



KEYNOTE TAG

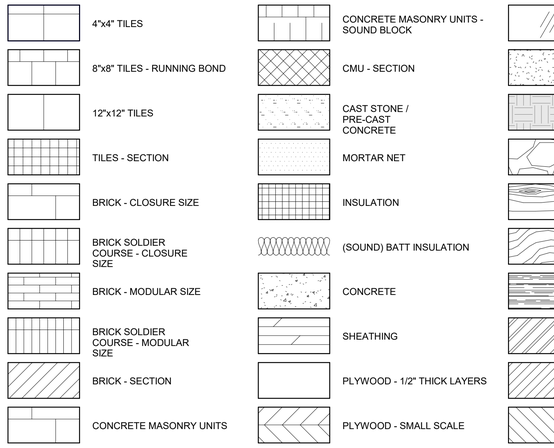


DEMOLITION KEYNOTE TAG

SIGNAGE TAG

ACCESSORY TAG

STANDARD ARCHITECTURAL MATERIALS LEGEND



GENERAL PROJECT NOTES

1. THE DRAWINGS ARE PREPARED AND COORDINATED WITH THE PROJECT MANUAL WHICH INCLUDE TECHNICAL SPECIFICATIONS. THEY, ALONG WITH OTHER DOCUMENTS ISSUED BY WILEY | WILSON AND ENUMERATED IN THE OWNER-CONTRACTOR AGREEMENT, SHALL FORM THE CONSTRUCTION DOCUMENTS. A DIRECTIVE STATED IN ONE DOCUMENT SHALL BE UNDERSTOOD AS STATED IN ALL. ANY AMBIGUITIES OR INCONSISTENCIES SHALL BE RESOLVED BY WILEY | WILSON.
2. MANUFACTURER'S NAMES AND/OR MODEL NUMBERS CITED ARE USED TO PROVIDE AN INDICATION OF QUALITY, STYLE AND/OR SIZE DESIRED. OTHER MANUFACTURERS ARE ACCEPTABLE IF PRODUCTS ARE EQUAL IN QUALITY, STYLE AND SIZE.
3. MANUFACTURER'S NAMEPLATES, INCLUDING TRADEMARK AND OTHER IDENTIFYING SYMBOLS, SHALL NOT BE PERMITTED IN SURFACES VISIBLE TO THE PUBLIC, UNLESS OTHERWISE INDICATED IN THE CONTRACT DOCUMENTS.
4. ALL WORK INDICATED SHALL INCLUDE ALL LABOR, MATERIALS AND FINISHED ASSEMBLIES NECESSARY TO MAKE A COMPLETE, PROPERLY WORKING AND FINISHED INSTALLATION.
5. THE OWNER RESERVES THE RIGHT TO REJECT MATERIAL AND OR WORK THAT IS NOT IN STRICT ACCORDANCE WITH THE CONTRACT DOCUMENTS.
6. ALL WORK SHALL BE IN ACCORDANCE WITH ACCEPTED HIGH QUALITY CONSTRUCTION PRACTICES AND STANDARDS AND DONE IN A WORKMAN-LIKE MANNER.
7. THE CONTRACTOR OR ANY OF HIS EMPLOYEES, OR SUB-CONTRACTORS SHALL NOT SCALE THESE DRAWINGS FOR DIMENSIONS. IF THERE IS ANY QUESTION CONCERNING THE DIMENSIONS THE CONTRACTOR SHALL CONTACT THE ARCHITECT TO CLARIFY THE DIMENSIONS.
8. ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS, OR ANY AMBIGUITIES OR INCONSISTENCIES CONTAINED THEREIN, SHALL BE REPORTED TO THE ARCHITECT IMMEDIATELY, AND A SUITABLE RESOLUTION ESTABLISHED PRIOR TO THE SUBMITTAL OF BIDS OR THE BEGINNING OF THE AFFECTED WORK. WORK THAT PROCEEDS IN VIOLATION OF THIS PRINCIPLE IS AT THE CONTRACTOR'S OWN RISK, AND THE COST OF ANY CHANGES REQUIRED BY THE CLIENT TO SUITABLY MODIFY SUCH WORK SHALL BE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
9. OF APPLICABLE GOVERNING AUTHORITIES. ALL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND ORDINANCES. SEE SHEETS G-003 AND G-004 FOR ADDITIONAL CODE INFORMATION.
10. THE CONTRACTOR SHALL CONFIRM AND VERIFY WITH THE OWNER PRIOR TO STARTING WORK ANY RULES OR REGULATIONS FOR THE USE AND CONSTRUCTION ON THE PROPERTY WITH RESPECT TO BUT NOT LIMITED TO HOURS OF CONSTRUCTION, LIMITS OF WORK, OPERATIONS OF THE BUILDING, SAFETY OF THE OWNERS EMPLOYEES OR GENERAL LOCATIONS OF DUMPSTERS, USE OF THE OWNER'S UTILITIES AND FACILITIES, SCHEDULING OF DELIVERIES, ETC.
11. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ALL WORK SO AS TO AVOID DISRUPTION TO THE NORMAL OPERATIONS AND WORK OF THE OWNER.
12. THE CONTRACTOR SHALL SAFEGUARD THE OWNERS' PROPERTY AND ADJACENT PROPERTIES DURING CONSTRUCTION AND SHALL PROTECT FROM DAMAGE ANY EXISTING OR ADJACENT FINISHES, MATERIALS, FIXTURES OR BUILDING ASSEMBLIES. REPAIR ALL AREAS AFFECTED BY THE CONSTRUCTION AS REQUIRED TO MAINTAIN THEIR EXISTING APPEARANCE, UNLESS NOTED OTHERWISE.
13. THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO UTILITIES IN THE AREA OF CONSTRUCTION BEFORE ANY WORK IS STARTED.
14. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO THE COMMENCEMENT OF WORK OR ORDERING OF MATERIALS. ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT IN WRITING PRIOR TO THE PROCEEDING WITH THAT PORTION OF WORK.
15. THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION AND/OR DEMOLITION DEBRIS FROM THE JOB SITE TO MAINTAIN A CLEAN AND SAFE ENVIRONMENT AND TO PREVENT THE POSSIBILITY OF A FIRE OR LIFE SAFETY HAZARD.
17 THE CONTRACTOR SHALL COORDINATE ALL WORK INCLUDING, SOFFIT FRAMING AS NEEDED WITH ALL WORK SHOWN ON THE MECHANICAL, PLUMBING, FIRE-PROTECTION, ELECTRICAL AND STRUCTURAL DRAWINGS.
18 THE CONTRACTOR SHALL NOT REMOVE, ALTER, LOAD, PENETRATE OR ADD TO ANY EXISTING BUILDING ASSEMBLY OR STRUCTURE WHICH MAY COMPROMISE ITS INTEGRITY OR STRUCTURAL STABILITY OR THE INTEGRITY AND STRUCTURAL STABILITY OF ADJACENT BUILDING ASSEMBLIES WITHOUT PRIOR INVESTIGATION, REMEDY OR ACTION.
19 THE CONTRACTOR SHALL INSTALL ALL MANUFACTURED ITEMS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
20 IF DEMOLITION IS REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STRUCTURAL INTEGRITY OF THE SURROUNDING SITE CONDITIONS DURING CONSTRUCTION. THE CONTRACTOR SHALL BRACE ALL STRUCTURAL ELEMENTS DURING DEMOLITION AND NEW CONSTRUCTION AS REQUIRED. THE CONTRACTOR SHALL INFORM THE ARCHITECT OF ANY STRUCTURAL CONDITIONS UNCOVERED DURING THE DEMOLITION AND NEW WORK WHICH ARE NOT ADDRESSED ON THE CONSTRUCTION DOCUMENTS.
21 DRAWING REFERENCES ARE FOR CONVENIENCE ONLY AND DO NOT LIMIT THE EXTENT OF APPLICATION OF THE DRAWINGS OR DETAILS. ALL DIMENSIONS, DESCRIPTIONS AND/OR SYMBOLS WITHIN A DRAWING ARE COMPLEMENTARY. DRAWINGS AND SPECIFICATIONS WHETHER TAKEN SEPARATELY OR TOGETHER ARE TO BE INTERPRETED ACCORDING TO THEIR FULL INTENT, MEANING, AND SPIRIT; AND SHALL BE DEEMED TO EXPLAIN MUTUALLY EACH OTHER AND TO BE DESCRIPTION OF THE WORK TO BE DONE UNDER THE CONTACT.
22 THE FLOOR ELEVATIONS INDICATED ON ARCHITECTURAL DRAWINGS ARE REFERENCED FROM THE TOP OF THE FIRST FLOOR STRUCTURE/SLAB (DATUM) ELEVATION OF 00.00 FEET. REFER TO CIVIL DRAWINGS FOR ABSOLUTE ELEVATION.
23 ALL DIMENSIONS ARE FROM THE FACE OF STUD OR MASONRY STRUCTURE, UNLESS OTHERWISE NOTED.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: ME, LC | DESIGN: ME
CHECK: SJ

SHEET TITLE

GENERAL NOTES, SYMBOLS AND ABBREVIATIONS

SHT. NO. A-001
REV. NO. 0

5/14/2025 6:25:55 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt

GENERAL SHEET NOTES

1 KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2 EQUIPMENT AND FURINITURE HAVE BEEN TURNED OFF ON THIS PLAN FOR CLARITY. REFER TO SHEET A-102 FOR INFORMATION PERTAINING TO THOSE ITEMS
3 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
4 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.

SHEET KEYNOTES

3 TIMBER COLUMNS, PAINTED, TYP
28 RAILING, METAL, POWDER COATED BLACK
36 FLOOR DRAIN, REFER TO PLUMBING AND CIVIL
40 EQUIPMENT PAD, REFER TO MECHANICAL AND STRUCTURAL
43 24"X48" ACCESS DOOR
56 GUARDRAIL, METAL, POWDER COATED BLACK. CENTER ON TOP OF RETAINING WALL AND FOLLOW PROFILE. REFER TO STRUCTURAL FOR PROFILE AND DIMENSIONS OF RETAINING WALL
57 SOLID SURFACE WINDOW STOOL
63 EXIT GATE, METAL, POWDER COATED BLACK. SEE DETAIL D4/A-403
65 12"X12" ACCESS DOOR

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

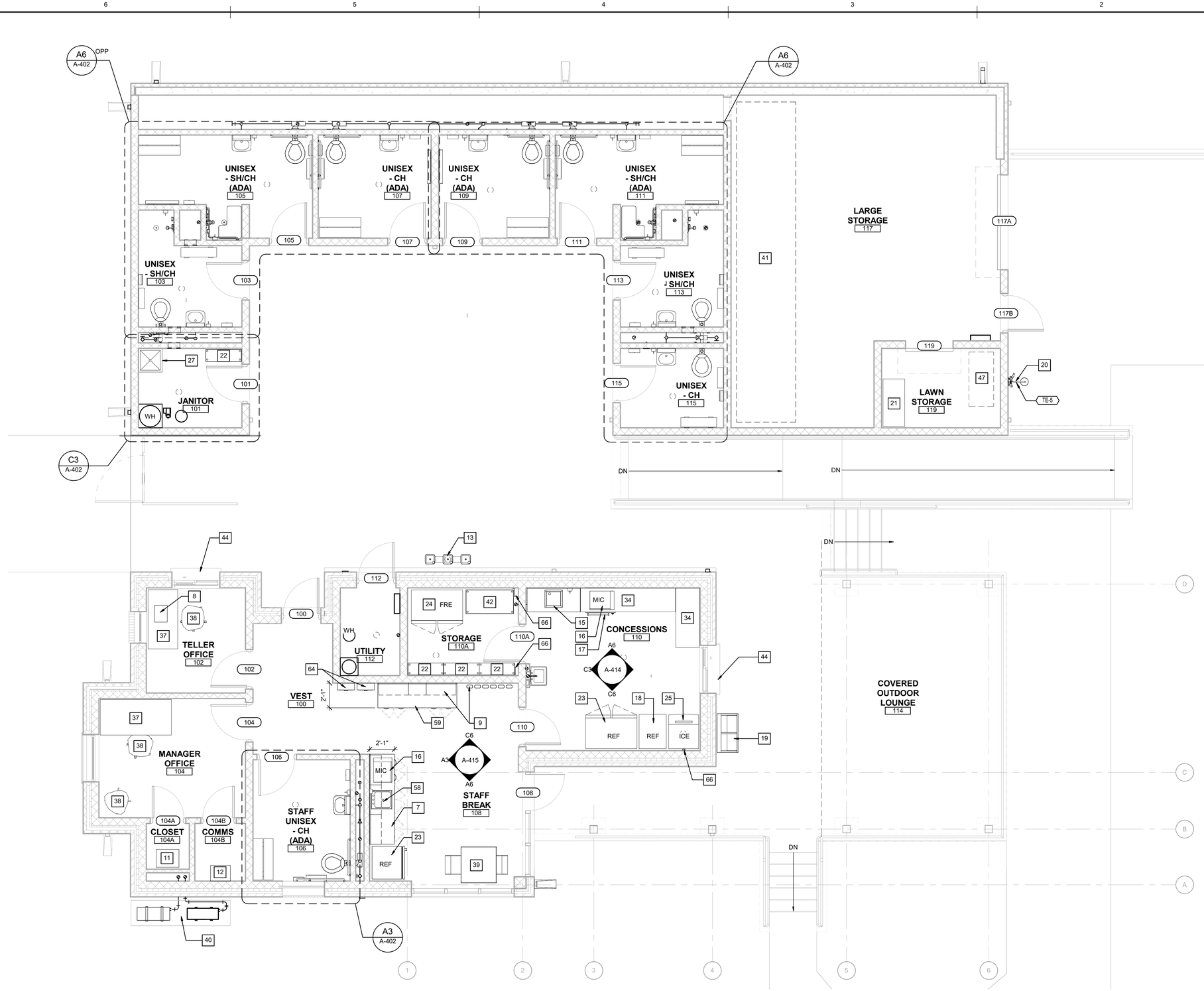
SHEET TITLE
FIRST FLOOR PLAN

SHT. NO.	REV. NO.
A-101	0

PLAN NORTH
A6
FLOOR PLAN - FIRST FLOOR
SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

5/14/2025 6:25:57 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



GENERAL SHEET NOTES

1. KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2. BUILDING ELEMENTS, SUCH AS WALLS, WINDOWS, DOORS, ETC, HAVE BEEN HALFTONED ON THIS SHEET FOR CLARITY. REFER TO SHEET A-101 FOR INFORMATION PERTAINING TO THOSE ITEMS.
3. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
4. COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.

SHEET KEYNOTES

7 STAFF KITCHENETTE W ROLL UNDER ADA SINK
8 RELOCATE EXISTING CASH REGISTER, OFOI
9 LIFEGUARD MEDICAL SUPPLIES, OFOI
11 RELOCATE EXISTING CASH SAFE, OFOI
12 COMMS RACK, WALL MOUNTED, REFER TO ELECTRICAL
13 HIGH/LOW WATER COOLER WITH BOTTLE FILL
15 STAINLESS STEEL COMMERCIAL TABLE SINK
16 CONVECTION/AIR FRYER MICROWAVE
17 UNDER COUNTER WARMING DRAWER
18 GLASS FRONT DRINK COOLER
19 MOBILE ICE CREAM FREEZER W SLIDING GLASS TOP
20 SHOWER/RINSE STATION, REFER TO MECH AND CIVIL
21 FIRE RATED CABINET, GAS CAN STORAGE
22 1'X3' STORAGE SHELF, 4-TIER
23 REFRIGERATOR
24 DOUBLE DOOR FREEZER
25 ICE MAKER
27 MOP SINK
34 STAINLESS STEEL WORK TABLE
37 DESK, OFOI
38 DESK CHAIR, OFOI
39 TABLE AND CHAIRS, OFOI
40 EQUIPMENT PAD, REFER TO MECHANICAL AND STRUCTURAL
41 EXISTING POOL COVER STORAGE, OFOI
42 2X4 STORAGE SHELF, 4-TIER
44 STAINLESS STEEL WINDOW COUNTER
47 EXISTING PUSH LAWN MOWER, OFOI
58 SOLID SURFACE COUNTERTOP AND BACK SPLASH W SEAMLESS UNDER COUNTER MOUNTED ADA COMPLIANT SINK BOWL
59 SOLID SURFACE COUNTERTOP AND BACK SPLASH
64 AED AND CPR DEVICES, OFOI
66 STAINLESS STEEL PIPE COVER, REFER TO PLUMBING

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

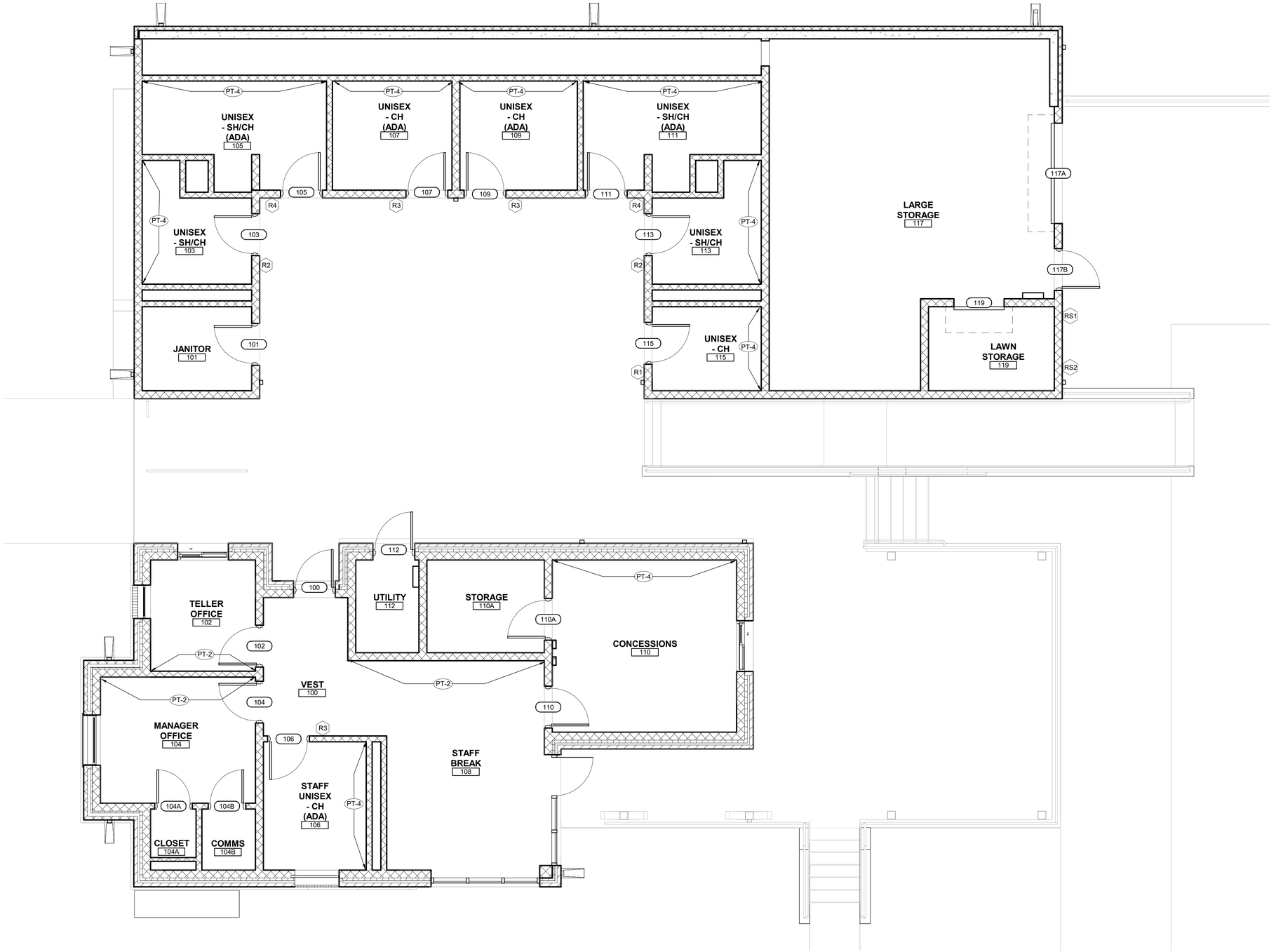
COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ
SHEET TITLE	FIRST FLOOR F&E PLAN
SHT. NO.	A-102
REV. NO.	0

5/14/2025 6:26:00 PM
C:\Users\tmervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



GENERAL SHEET NOTES

1 REFER TO SHEET A-701 FOR TYPICAL SIGNAGE DETAILS
2 REFER TO SHEET A-603 FOR FINISH SCHEDULE

PLAN NORTH

A6 FINISH AND SIGNAGE PLAN - FIRST FLOOR

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

Wiley|Wilson Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

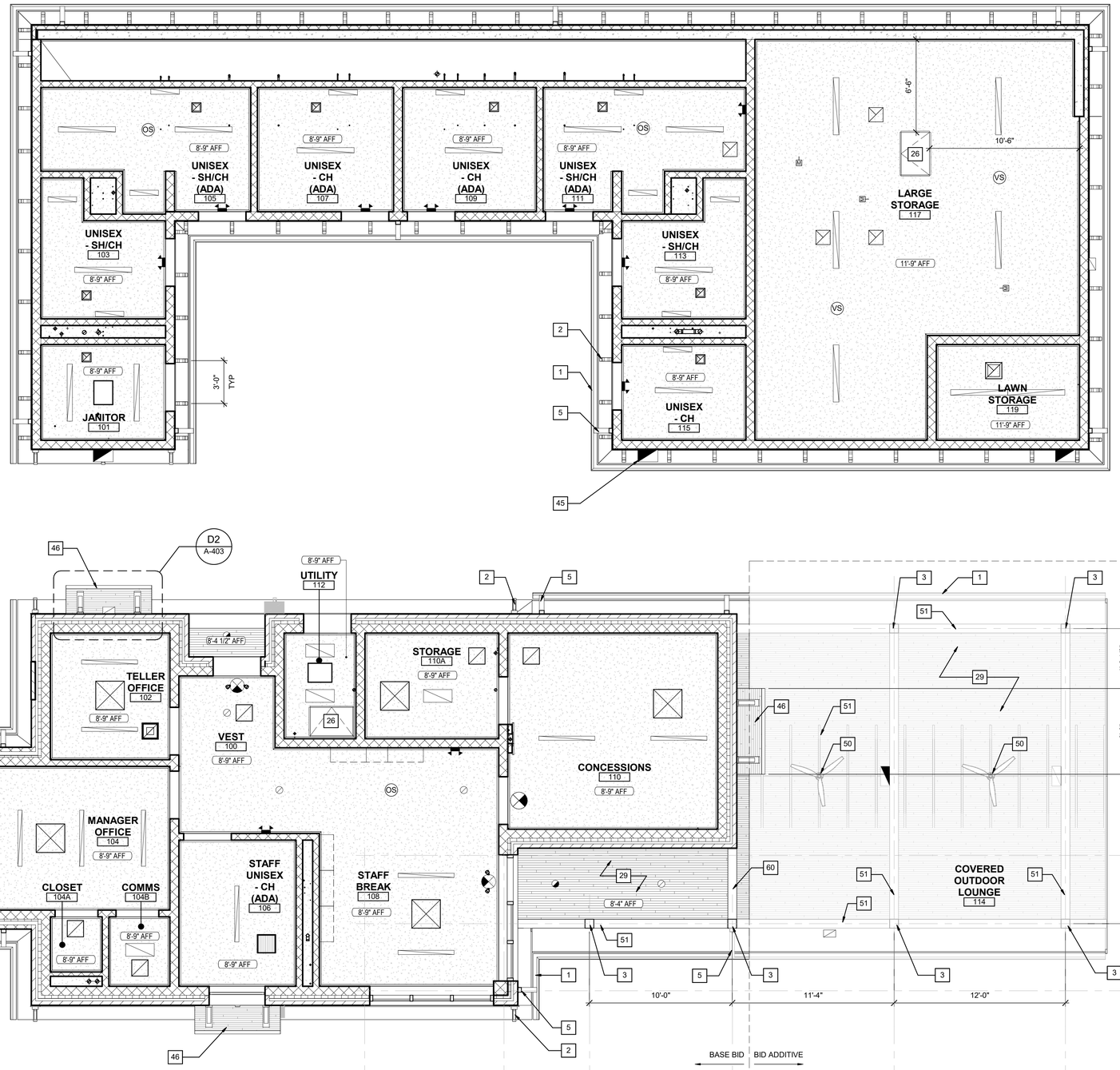
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

FIRST FLOOR FINISH AND SIGNAGE PLAN

SHT. NO.	REV. NO.
A-103	0

5/14/2025 6:26:01 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt



PLAN NORTH

A6

FIRST FLOOR REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

GENERAL SHEET NOTES

1. KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
3. COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
4. COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

1 5"X5" GUTTER, TYP
2 DECORATIVE ARCHITECTURAL BRACKETS, PVC, TYP
3 TIMBER COLUMNS, PAINTED, TYP
5 DOWNSPOUT, TYP
26 24"X36" ACCESS DOOR
29 METAL PANEL SOFFIT CEILING
45 LIGHT FIXTURE, REFER TO ELECTRICAL, TYP
46 AWNING, SEE SHEETS A-403 AND A-502
50 OUTDOOR FAN, REFER TO ELECTRICAL
51 BEAM, PAINTED, TYP, REFER TO STRUCTURAL
60 8X12 SIMULATED BEAM, PAINTED

RCP LEGEND

- MECHANICAL DIFFUSER TERMINAL
- MECHANICAL RETURN TERMINAL
- MECHANICAL EXHAUST TERMINAL
- MECHANICAL UNIT HEATER
- MECHANICAL CEILING EXHAUST FAN
- LIGHT FIXTURE (SURFACE MOUNTED)
- LIGHT FIXTURE (RECESSED)
- EXIT SIGN
- OCCUPANCY SENSOR
- GYPSUM BOARD
- METAL SOFFIT PANEL

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

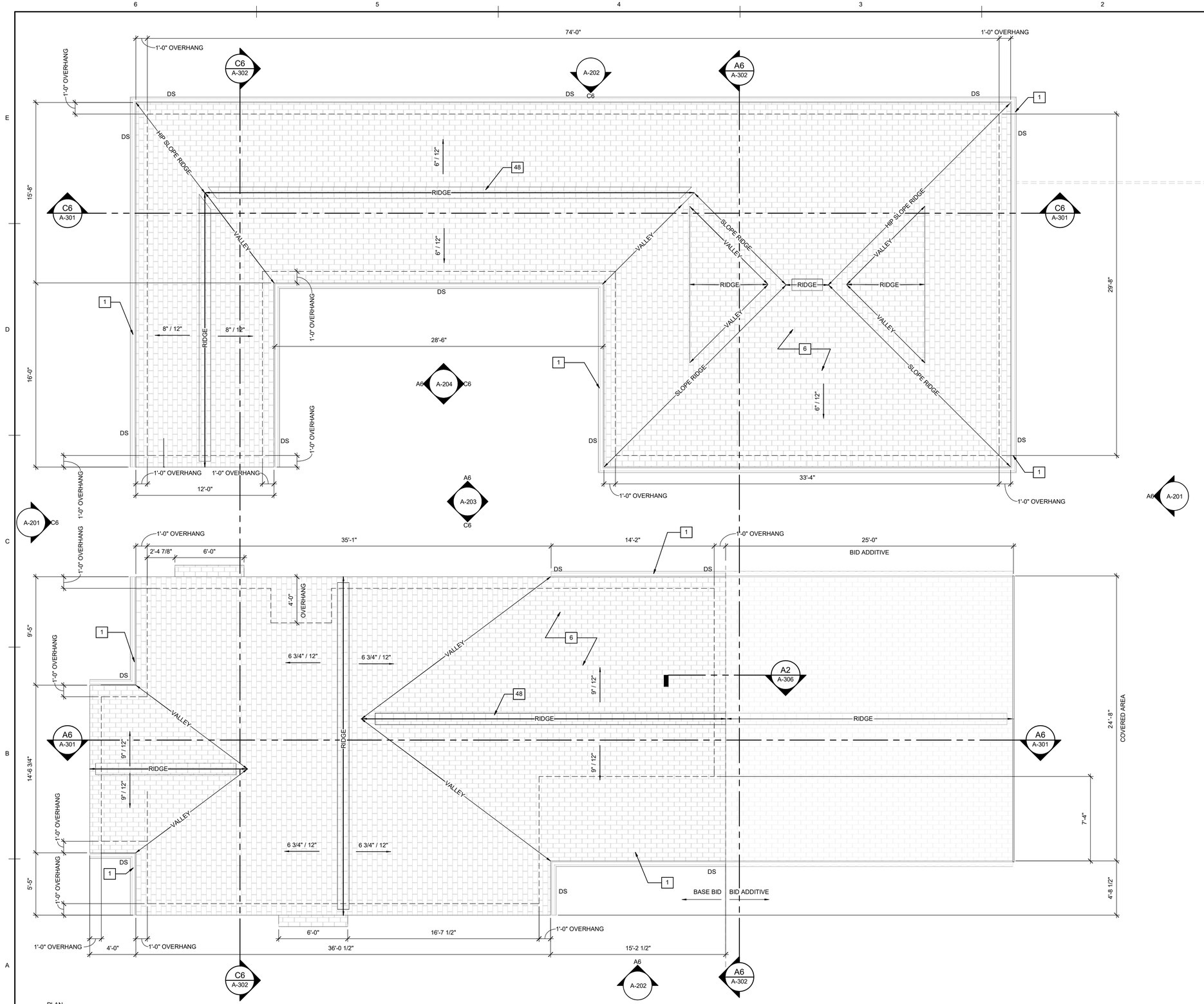
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

FIRST FLOOR RCP

SHT. NO.	REV. NO.
A-111	0

5/14/2025 6:26:03 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt



PLAN NORTH

A6

ROOF PLAN

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

GENERAL SHEET NOTES

1 KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.

2 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.

3 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.

4 COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

1 5"X5" GUTTER, TYP

6 ARCHITECTURAL ASPHALT SHINGLE W/ FULLY COVERED SELF-ADHERING MEMBRANE UNDERLAYMENT, TYP

48 RIDGE VENT, ASPHALT SHINGLE COVERED, TYP

ROOF VENTILATION CALCS

ROOF VENTILATION (1/150 NFA)

ADMIN BUILDING: RIDGE = 585 SQUARE INCHES
SOFFIT = 585 SQUARE INCHES

COVERED AREA: RIDGE = 312.5 SQUARE INCHES
SOFFIT = 312.5 SQUARE INCHE

FACILITIES BUILDING: RIDGE = 784 SQUARE INCHES
SOFFIT = 784 SQUARE INCHES

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN:	ME, LC
DESIGN:	ME
CHECK:	SJ

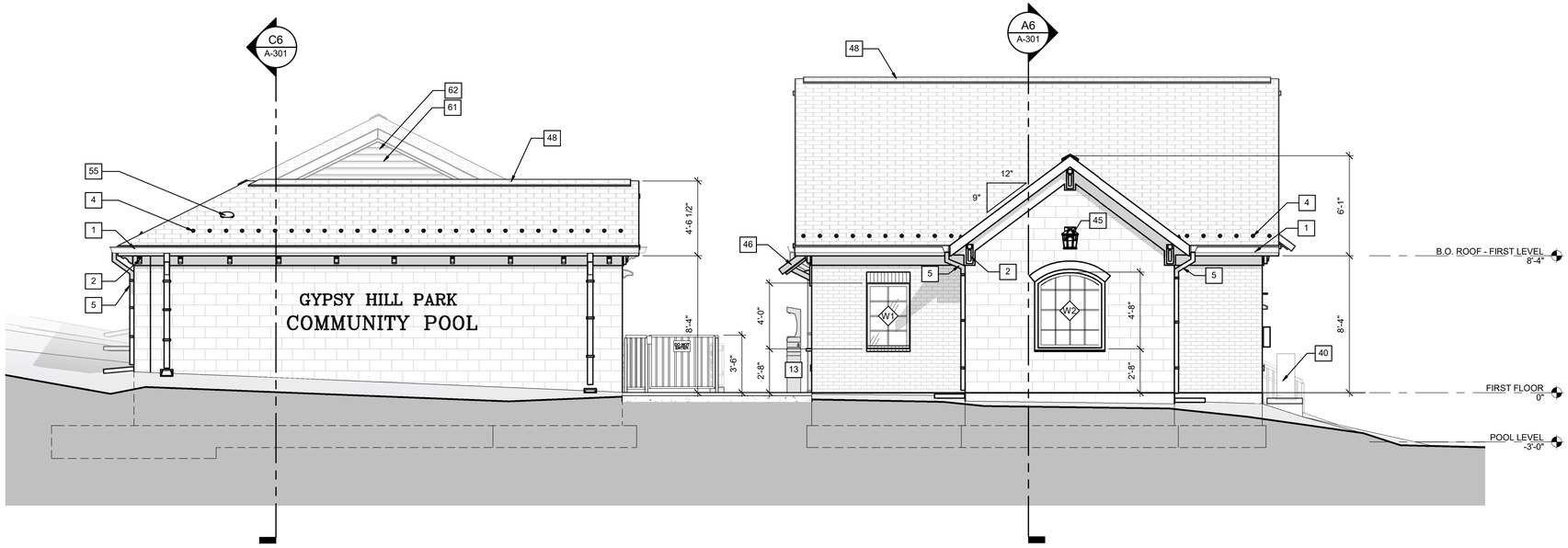
SHEET TITLE

ROOF PLAN

SHT. NO. A-112

REV. NO. 0

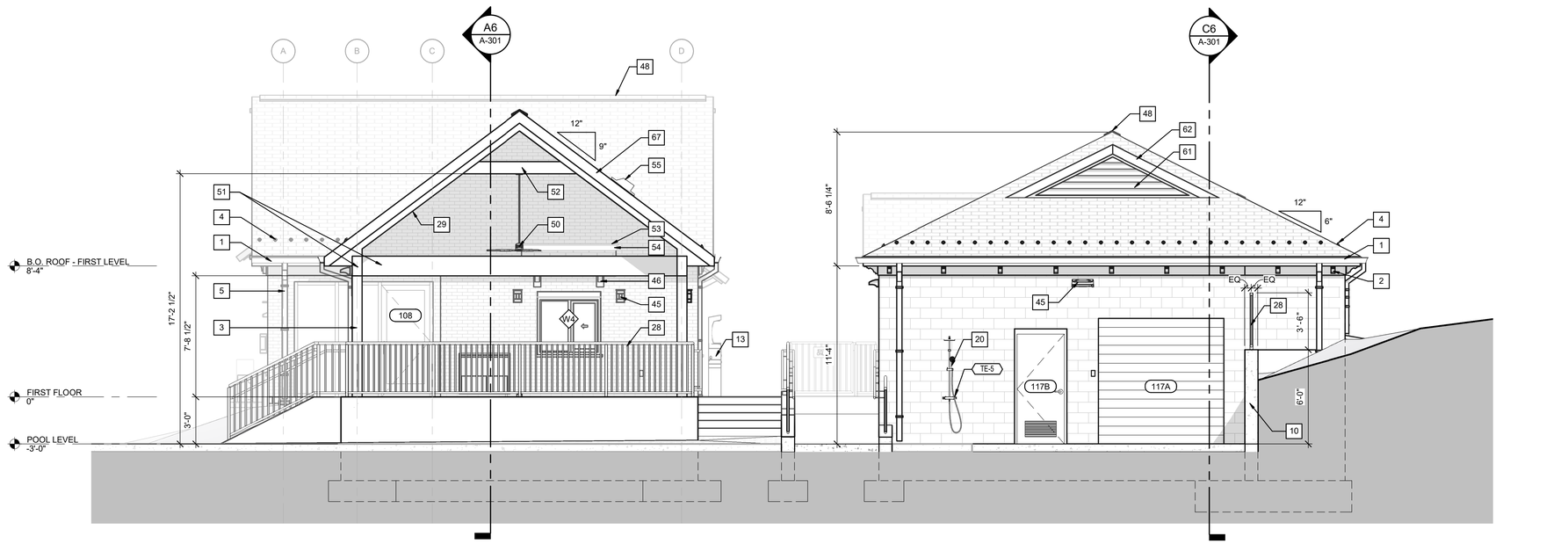
5/14/2025 6:26:04 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



C6 EXTERIOR ELEVATION - NORTHWEST

A-101 | A-201 SCALE: 1/4" = 1'-0"

0' 2' 4' 8'



A6 EXTERIOR ELEVATION - SOUTHEAST

A-101 | A-201 SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

GENERAL SHEET NOTES

1. KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
3. COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
4. COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

1 5"X5" GUTTER, TYP
2 DECORATIVE ARCHITECTURAL BRACKETS, PVC, TYP
3 TIMBER COLUMNS, PAINTED, TYP
4 SNOW GUARDS, TYP
5 DOWNSPOUT, TYP
10 CONCRETE RETAINING WALL, REFER TO STRUCTURAL AND CIVIL
13 HIGH/LOW WATER COOLER WITH BOTTLE FILL
20 SHOWER/RINSE STATION, REFER TO MECH AND CIVIL
28 RAILING, METAL, POWDER COATED BLACK
29 METAL PANEL SOFFIT CEILING
40 EQUIPMENT PAD, REFER TO MECHANICAL AND STRUCTURAL
45 LIGHT FIXTURE, REFER TO ELECTRICAL, TYP
46 AWNING, SEE SHEETS A-403 AND A-502
48 RIDGE VENT, ASPHALT SHINGLE COVERED, TYP
50 OUTDOOR FAN, REFER TO ELECTRICAL
51 BEAM, PAINTED, TYP, REFER TO STRUCTURAL
52 COLLAR TIE, REFER TO STRUCTURAL
53 SELF ADHERING FABRIC FLASHING W STAINLESS STEEL DRIP PLATE
54 COUNTER FLASHING
55 VENT COVER
61 LOUVER W/ BUG SCREEN, METAL
62 METAL WRAPPED FASCIA
67 2X8 FASCIA OVER 2X12 RAFTER, METAL WRAP

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

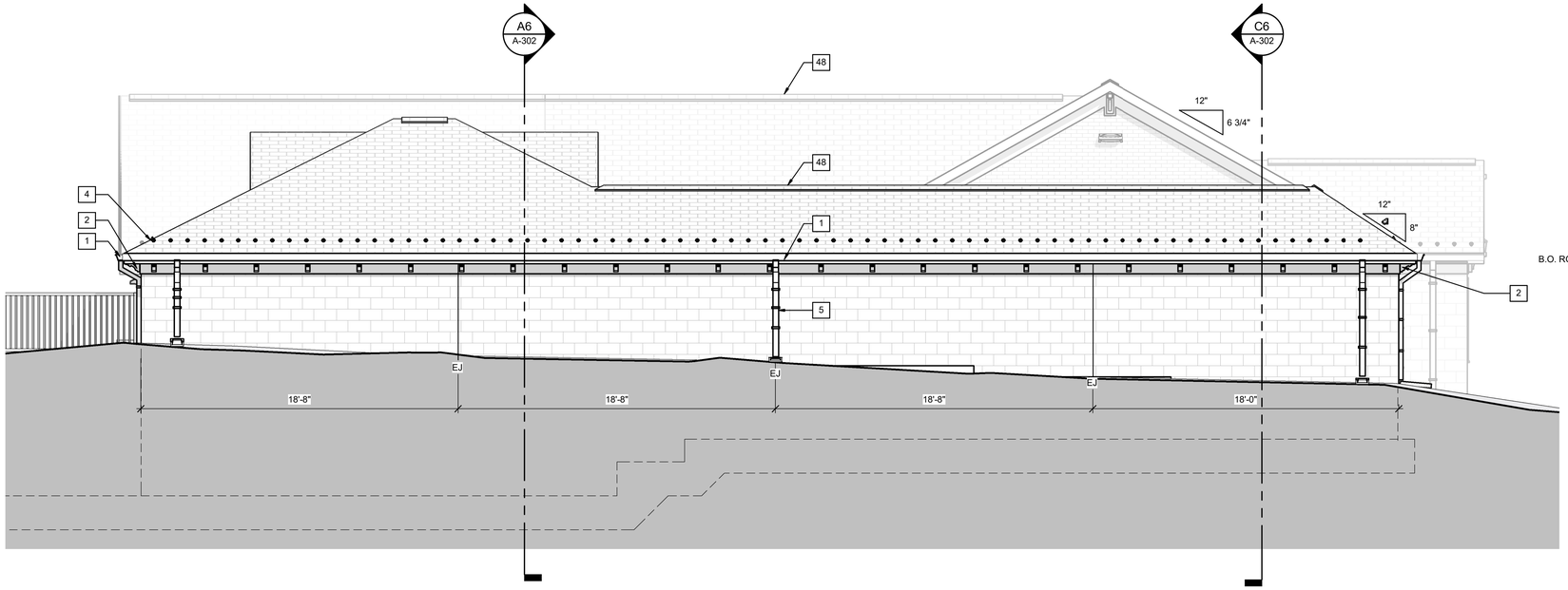
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

EXTERIOR ELEVATIONS

SHT. NO.	REV. NO.
A-201	0

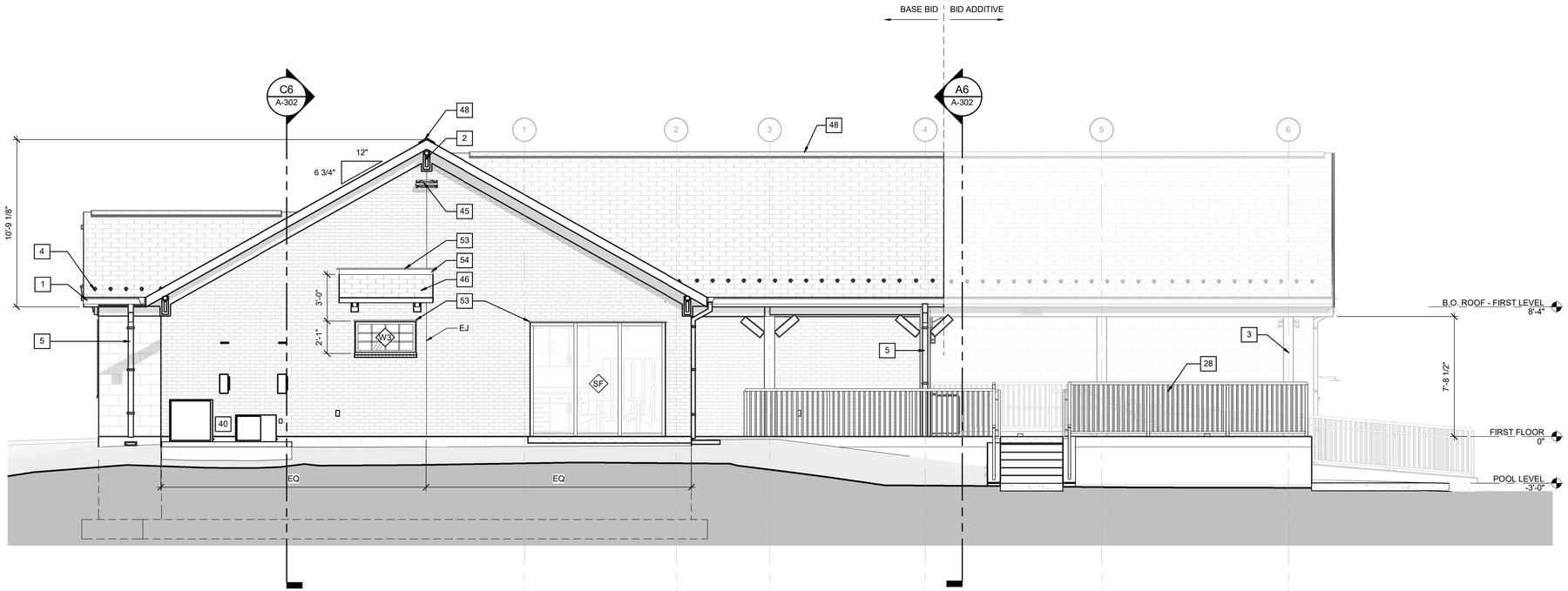
5/14/2025 6:26:10 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



C6 EXTERIOR ELEVATION - NORTHEAST

A-101 A-202 SCALE: 1/4" = 1'-0"

0' 2' 4' 8'



A6 EXTERIOR ELEVATION - SOUTHWEST

A-101 A-202 SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

GENERAL SHEET NOTES

1 KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
3 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
4 COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

1 5"X5" GUTTER, TYP
2 DECORATIVE ARCHITECTURAL BRACKETS, PVC, TYP
3 TIMBER COLUMNS, PAINTED, TYP
4 SNOW GUARDS, TYP
5 DOWNSPOUT, TYP
28 RAILING, METAL, POWDER COATED BLACK
40 EQUIPMENT PAD, REFER TO MECHANICAL AND STRUCTURAL
45 LIGHT FIXTURE, REFER TO ELECTRICAL, TYP
46 AWNING, SEE SHEETS A-403 AND A-502
48 RIDGE VENT, ASPHALT SHINGLE COVERED, TYP
53 SELF ADHERING FABRIC FLASHING W STAINLESS STEEL DRIP PLATE
54 COUNTER FLASHING

Wiley|Wilson Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
Architect
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

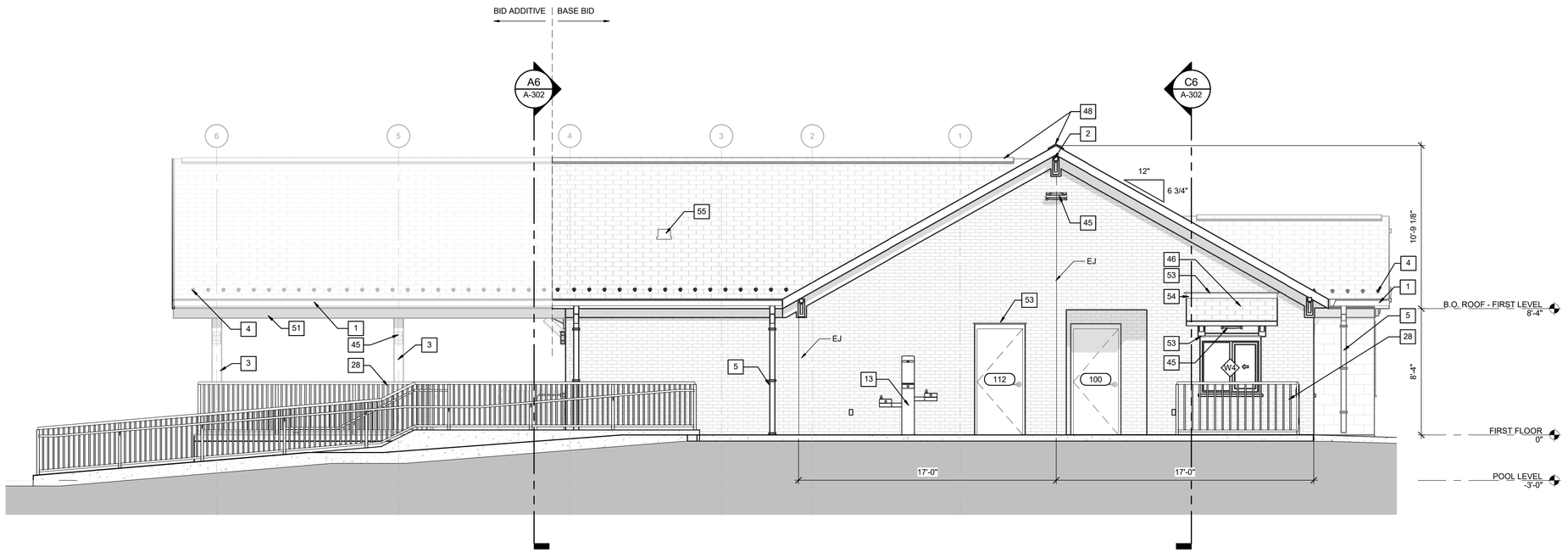
MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: ME, LC | DESIGN: ME
CHECK: SJ

SHEET TITLE
EXTERIOR ELEVATIONS

SHT. NO. A-202 | REV. NO. 0

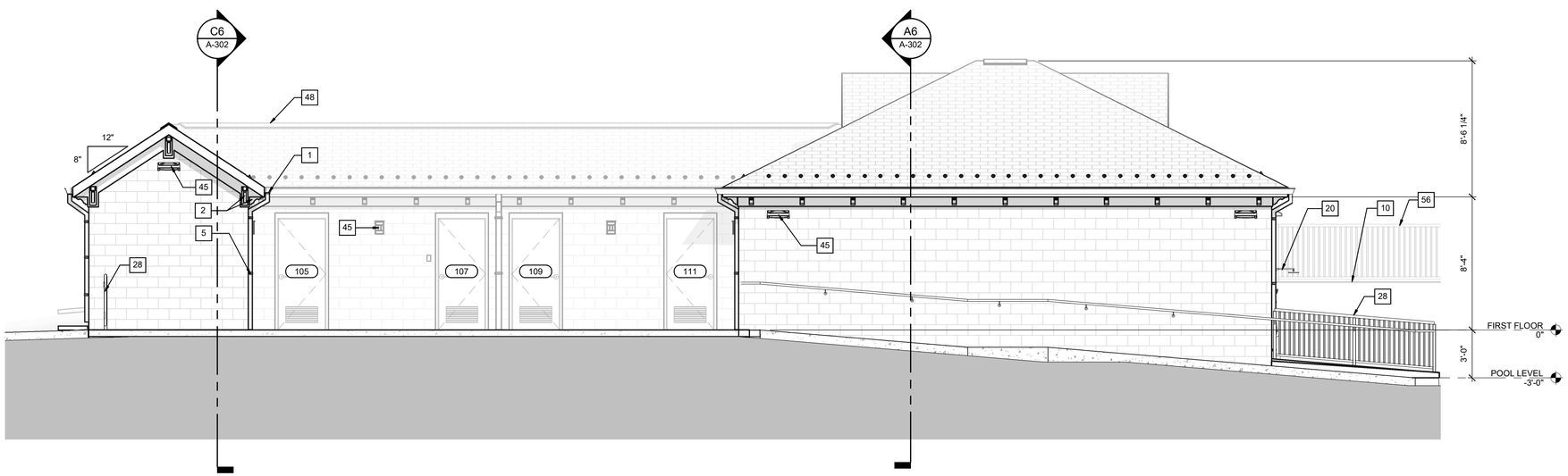
5/14/2025 6:26:15 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt



C6 A-101 | A-203 EXTERIOR ELEVATION - SOUTH COURTYARD

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'



A6 A-101 | A-203 EXTERIOR ELEVATION - NORTH COURTYARD

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

GENERAL SHEET NOTES

1 KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
3 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
4 COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

1 5"X5" GUTTER, TYP
2 DECORATIVE ARCHITECTURAL BRACKETS, PVC, TYP
3 TIMBER COLUMNS, PAINTED, TYP
4 SNOW GUARDS, TYP
5 DOWNSPOUT, TYP
10 CONCRETE RETAINING WALL, REFER TO STRUCTURAL AND CIVIL
13 HIGH/LOW WATER COOLER WITH BOTTLE FILL
20 SHOWER/RINSE STATION, REFER TO MECH AND CIVIL
28 RAILING, METAL, POWDER COATED BLACK
45 LIGHT FIXTURE, REFER TO ELECTRICAL, TYP
46 AWNING, SEE SHEETS A-403 AND A-502
48 RIDGE VENT, ASPHALT SHINGLE COVERED, TYP
51 BEAM, PAINTED, TYP, REFER TO STRUCTURAL
53 SELF ADHERING FABRIC FLASHING W STAINLESS STEEL DRIP PLATE
54 COUNTER FLASHING
55 VENT COVER
56 GUARDRAIL, METAL, POWDER COATED BLACK. CENTER ON TOP OF RETAINING WALL AND FOLLOW PROFILE. REFER TO STRUCTURAL FOR PROFILE AND DIMENSIONS OF RETAINING WALL

Wiley|Wilson Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

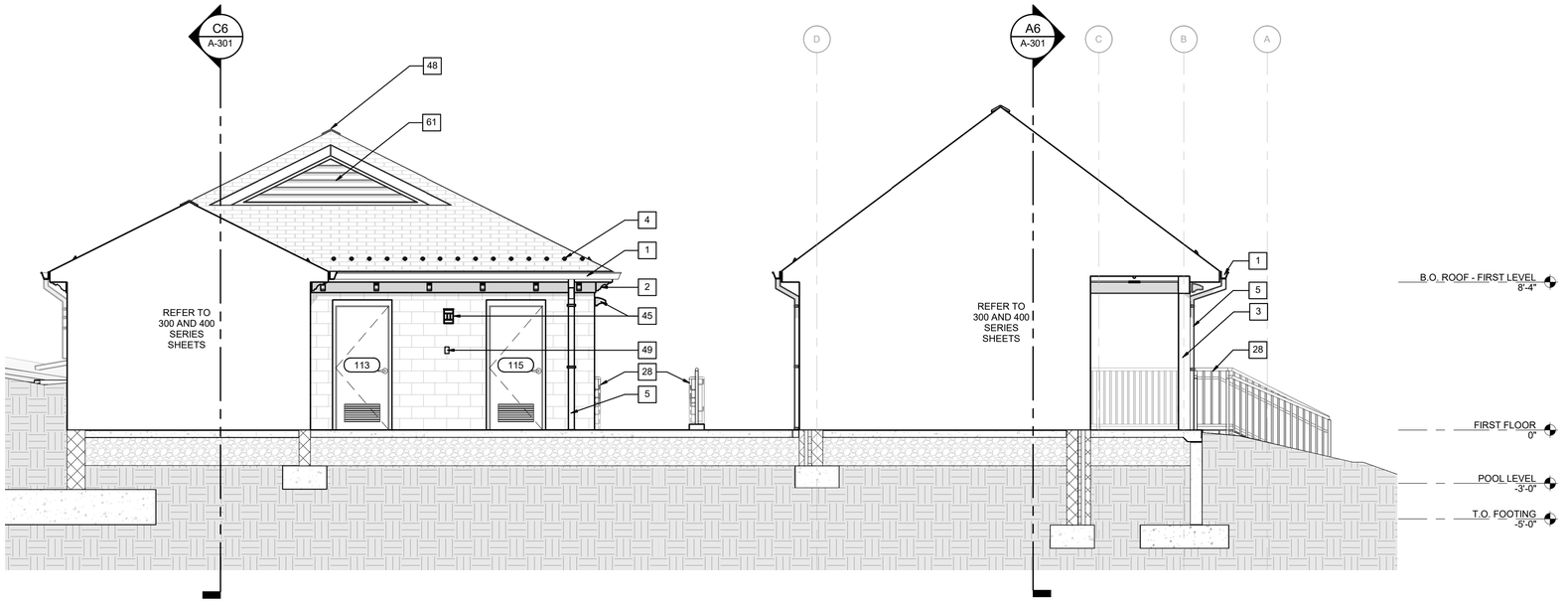
COMM NO: 240163
DATE: 05/14/2025
DRAWN: ME, LC | DESIGN: ME
CHECK: SJ

SHEET TITLE

EXTERIOR ELEVATIONS

SHT. NO. A-203 | REV. NO. 0

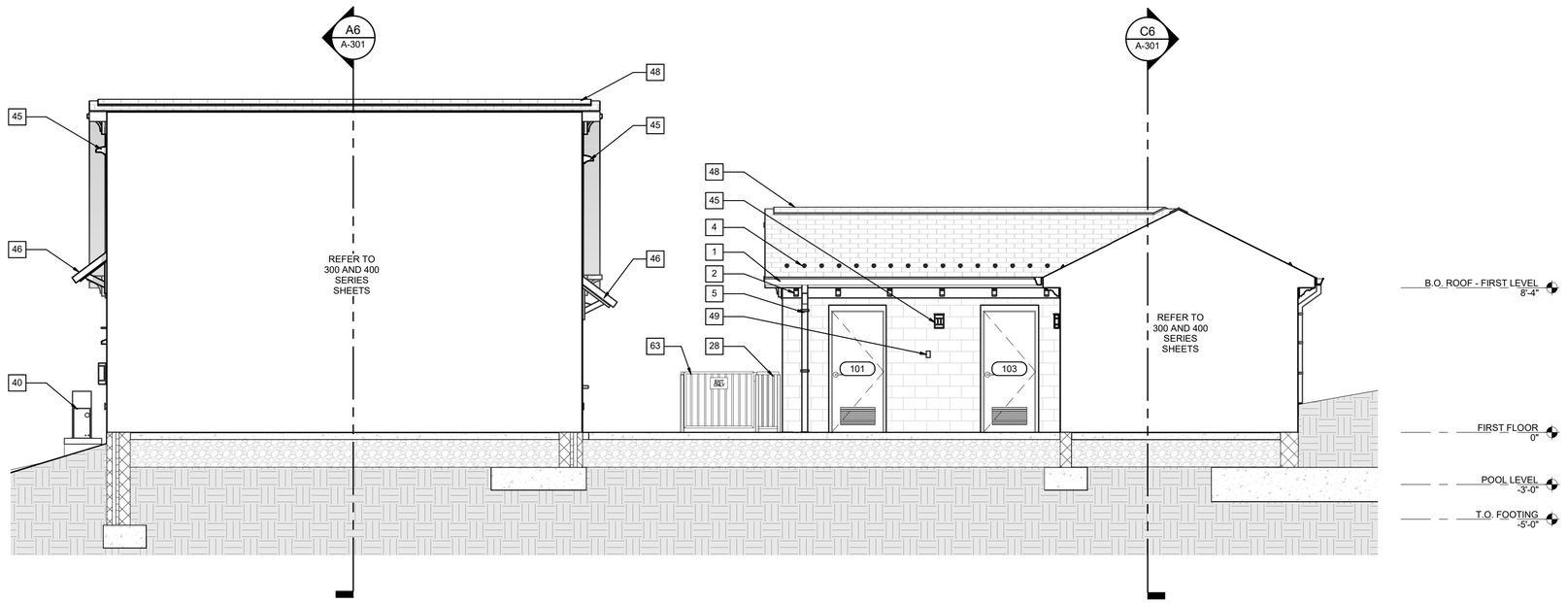
5/14/2025 6:26:20 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



C6 / A-101 | A-204 — EXTERIOR ELEVATION - EAST COURTYARD

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'



A6 / A-101 | A-204 — EXTERIOR ELEVATION - WEST COURTYARD

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

GENERAL SHEET NOTES

1 KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
3 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
4 COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

1 5"X5" GUTTER, TYP
2 DECORATIVE ARCHITECTURAL BRACKETS, PVC, TYP
3 TIMBER COLUMNS, PAINTED, TYP
4 SNOW GUARDS, TYP
5 DOWNSPOUT, TYP
28 RAILING, METAL, POWDER COATED BLACK
40 EQUIPMENT PAD, REFER TO MECHANICAL AND STRUCTURAL
45 LIGHT FIXTURE, REFER TO ELECTRICAL, TYP
46 AWNING, SEE SHEETS A-403 AND A-502
48 RIDGE VENT, ASPHALT SHINGLE COVERED, TYP
49 WEATHER PROOF RECEPTACLE, REFER ELECTRICAL, TYP
61 LOUVER W/ BUG SCREEN, METAL
63 EXIT GATE, METAL, POWDER COATED BLACK. SEE DETAIL D4/A-403

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

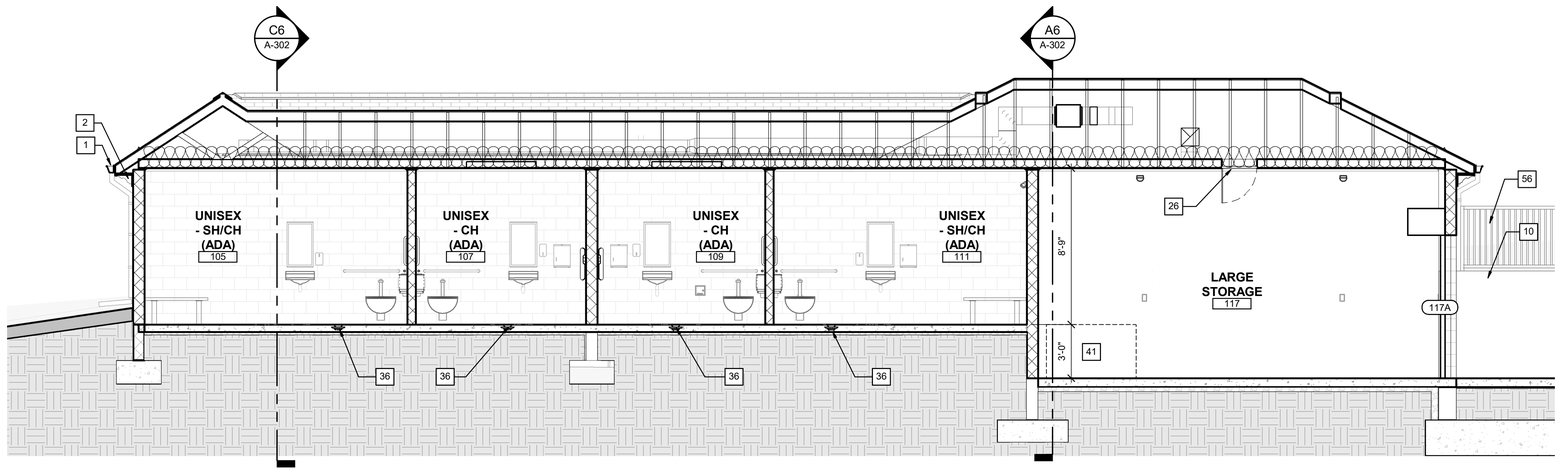
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

EXTERIOR ELEVATIONS

SHT. NO.	REV. NO.
A-204	0

5/14/2025 6:26:24 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt

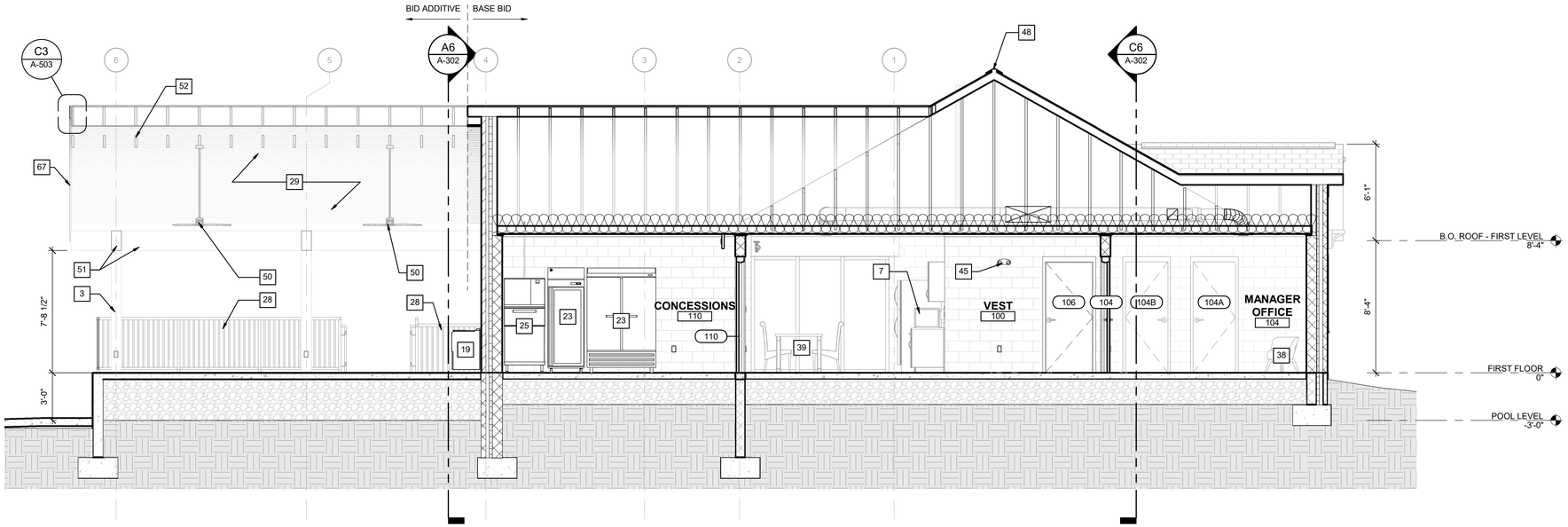


C6 — BUILDING SECTION - NS - POOL FACILITIES BLDG

A-101 | A-301

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'



A6 — BUILDING SECTION - NS - POOL ADMINISTRATION BLDG

A-101 | A-301

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

GENERAL SHEET NOTES

1. KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
3. COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
4. COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

1	5"X5" GUTTER, TYP
2	DECORATIVE ARCHITECTURAL BRACKETS, PVC, TYP
3	TIMBER COLUMNS, PAINTED, TYP
7	STAFF KITCHENETTE W ROLL UNDER ADA SINK
10	CONCRETE RETAINING WALL, REFER TO STRUCTURAL AND CIVIL
19	MOBILE ICE CREAM FREEZER W SLIDING GLASS TOP
23	REFRIGERATOR
25	ICE MAKER
26	24"X36" ACCESS DOOR
28	RAILING, METAL, POWDER COATED BLACK
29	METAL PANEL SOFFIT CEILING
36	FLOOR DRAIN, REFER TO PLUMBING AND CIVIL
38	DESK CHAIR, OFOI
39	TABLE AND CHAIRS, OFOI
41	EXISTING POOL COVER STORAGE, OFOI
45	LIGHT FIXTURE, REFER TO ELECTRICAL, TYP
48	RIDGE VENT, ASPHALT SHINGLE COVERED, TYP
50	OUTDOOR FAN, REFER TO ELECTRICAL
51	BEAM, PAINTED, TYP, REFER TO STRUCTURAL
52	COLLAR TIE, REFER TO STRUCTURAL
56	GUARDRAIL, METAL, POWDER COATED BLACK. CENTER ON TOP OF RETAINING WALL AND FOLLOW PROFILE. REFER TO STRUCTURAL FOR PROFILE AND DIMENSIONS OF RETAINING WALL
67	2X8 FASCIA OVER 2X12 RAFTER, METAL WRAP

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

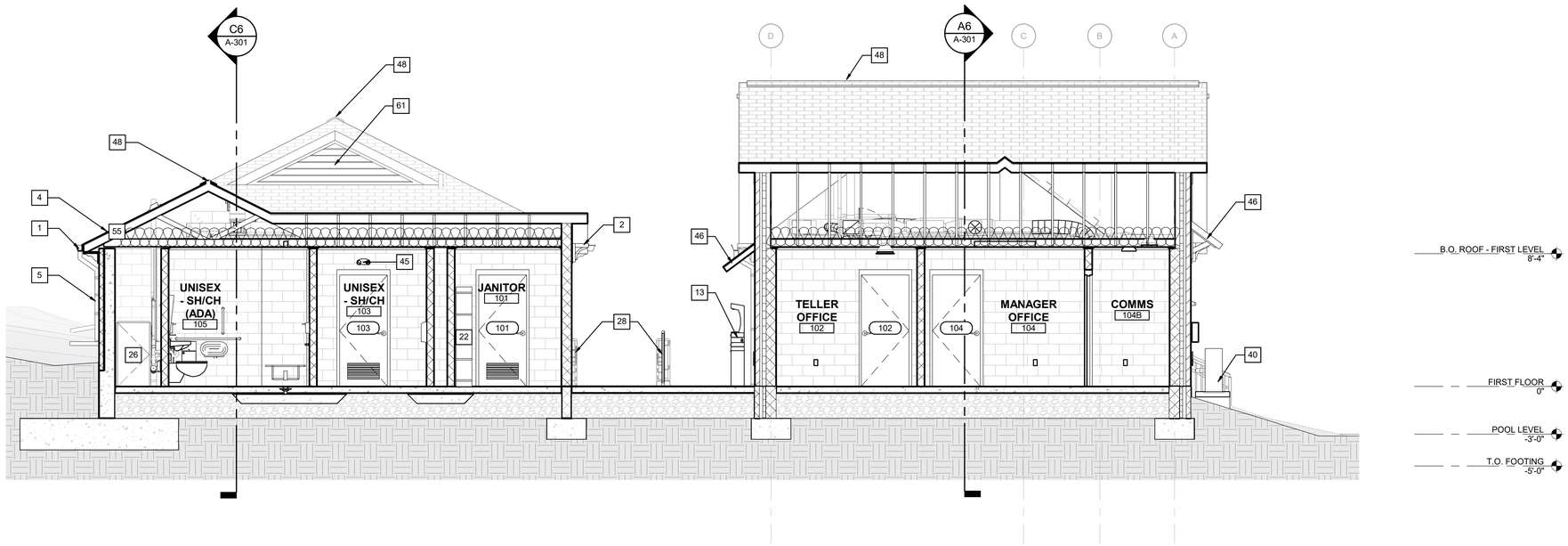
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

BUILDING SECTIONS

SHT. NO.	REV. NO.
A-301	0

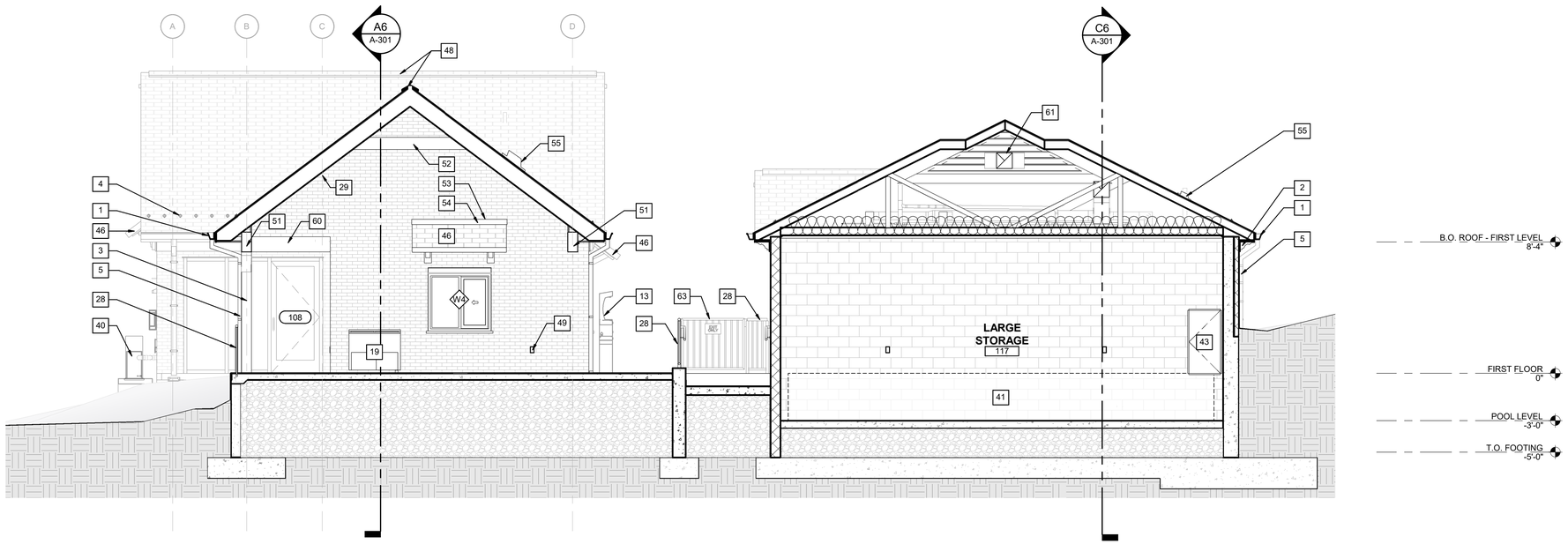
5/14/2025 6:26:28 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt



C6 A-101 A-302 BUILDING SECTION 1 - EW

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'



A6 A-101 A-302 BUILDING SECTION 2 - EW

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

GENERAL SHEET NOTES

1 KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
3 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
4 COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

1 5"X5" GUTTER, TYP
2 DECORATIVE ARCHITECTURAL BRACKETS, PVC, TYP
3 TIMBER COLUMNS, PAINTED, TYP
4 SNOW GUARDS, TYP
5 DOWNSPOUT, TYP
13 HIGH/LOW WATER COOLER WITH BOTTLE FILL
19 MOBILE ICE CREAM FREEZER W SLIDING GLASS TOP
22 1'X3' STORAGE SHELF, 4-TIER
26 24"X36" ACCESS DOOR
28 RAILING, METAL, POWDER COATED BLACK
29 METAL PANEL SOFFIT CEILING
40 EQUIPMENT PAD, REFER TO MECHANICAL AND STRUCTURAL
41 EXISTING POOL COVER STORAGE, OFOI
43 24"X48" ACCESS DOOR
45 LIGHT FIXTURE, REFER TO ELECTRICAL, TYP
46 AWNING, SEE SHEETS A-403 AND A-502
48 RIDGE VENT, ASPHALT SHINGLE COVERED, TYP
49 WEATHER PROOF RECEPTACLE, REFER ELECTRICAL, TYP
51 BEAM, PAINTED, TYP, REFER TO STRUCTURAL
52 COLLAR TIE, REFER TO STRUCTURAL
53 SELF ADHERING FABRIC FLASHING W STAINLESS STEEL DRIP PLATE
54 COUNTER FLASHING
55 VENT COVER
60 8X12 SIMULATED BEAM, PAINTED
61 LOUVER W/ BUG SCREEN, METAL
63 EXIT GATE, METAL, POWDER COATED BLACK. SEE DETAIL D4/A-403

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

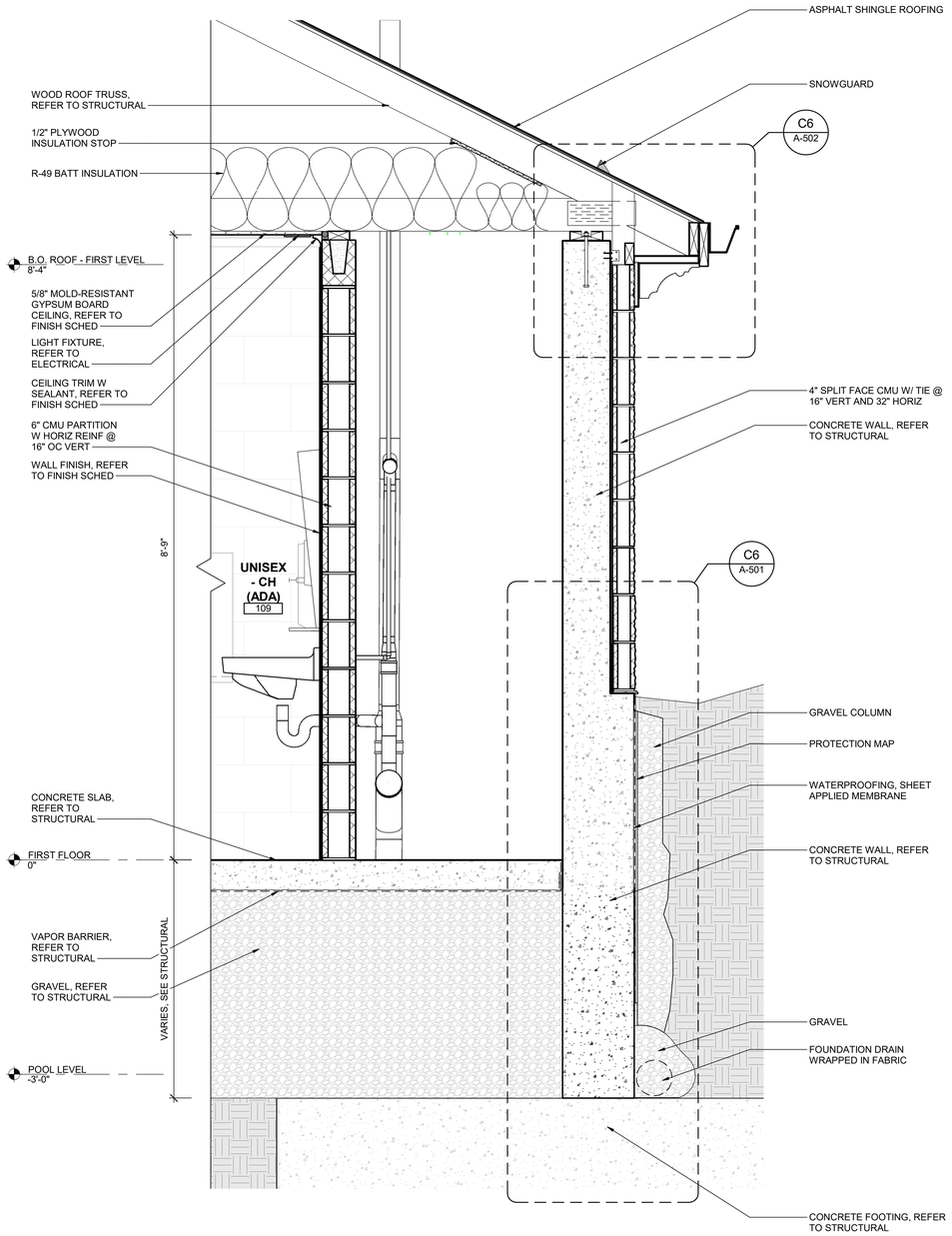
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

BUILDING SECTIONS

SHT. NO.	REV. NO.
A-302	0

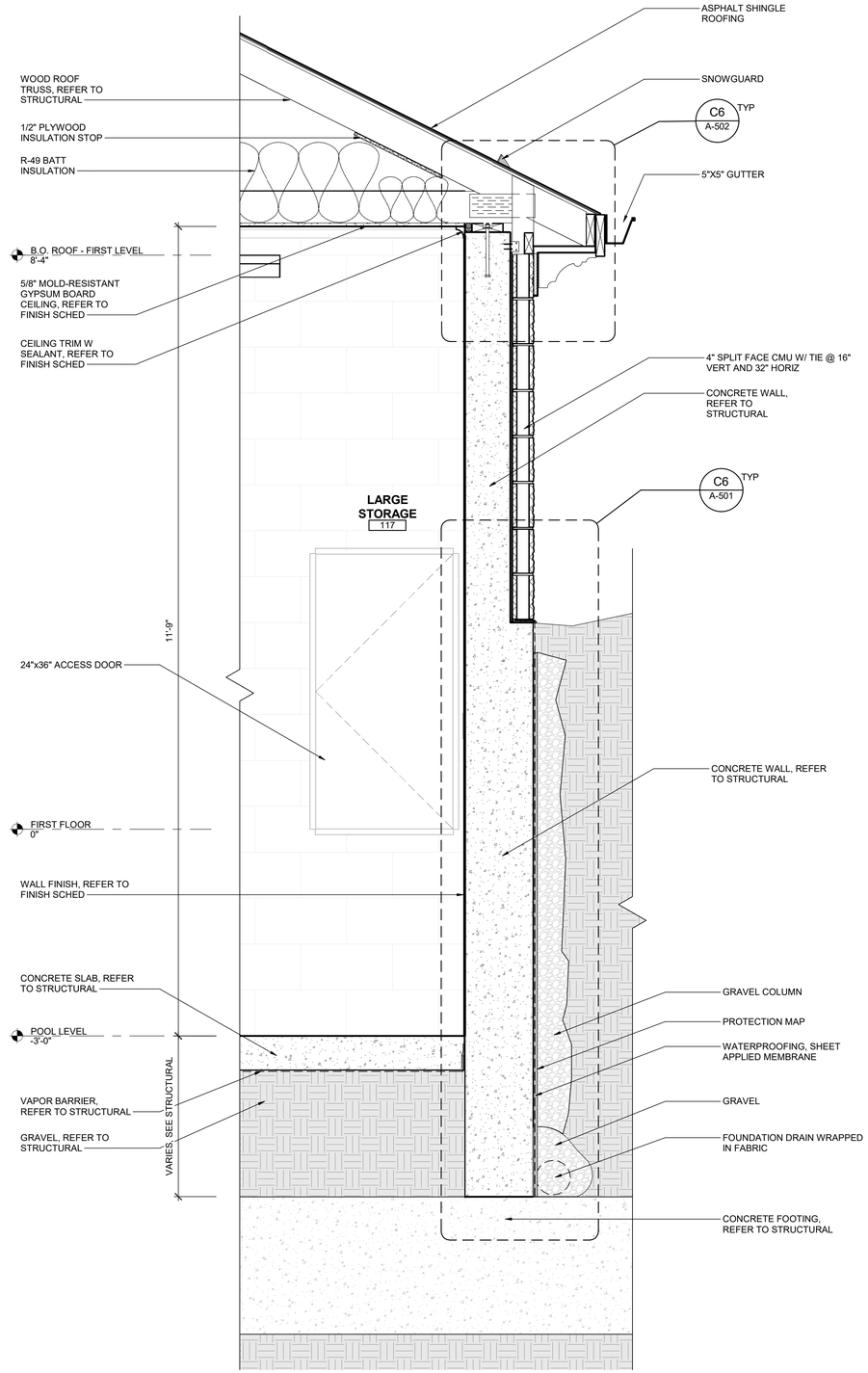
5/14/2025 6:26:35 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



A6 A-101 | A-303 WALL SECTION 1 - POOL FACILITIES BLDG

SCALE: 1" = 1'-0"

0' 6" 1' 2'



A3 A-101 | A-303 WALL SECTION 2 - POOL FACILITIES BLDG

SCALE: 1" = 1'-0"

0' 6" 1' 2'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

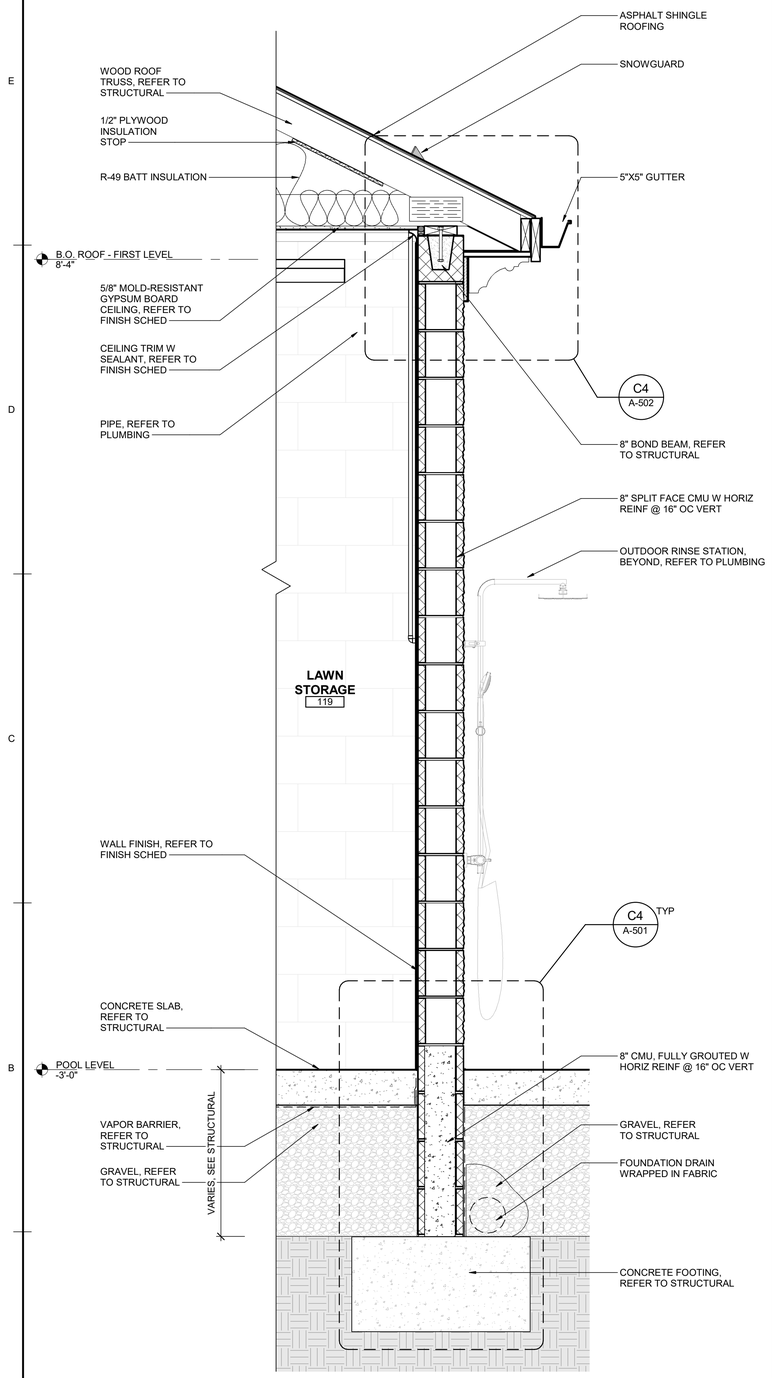
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

WALL SECTIONS

SHT. NO.	REV. NO.
A-303	0

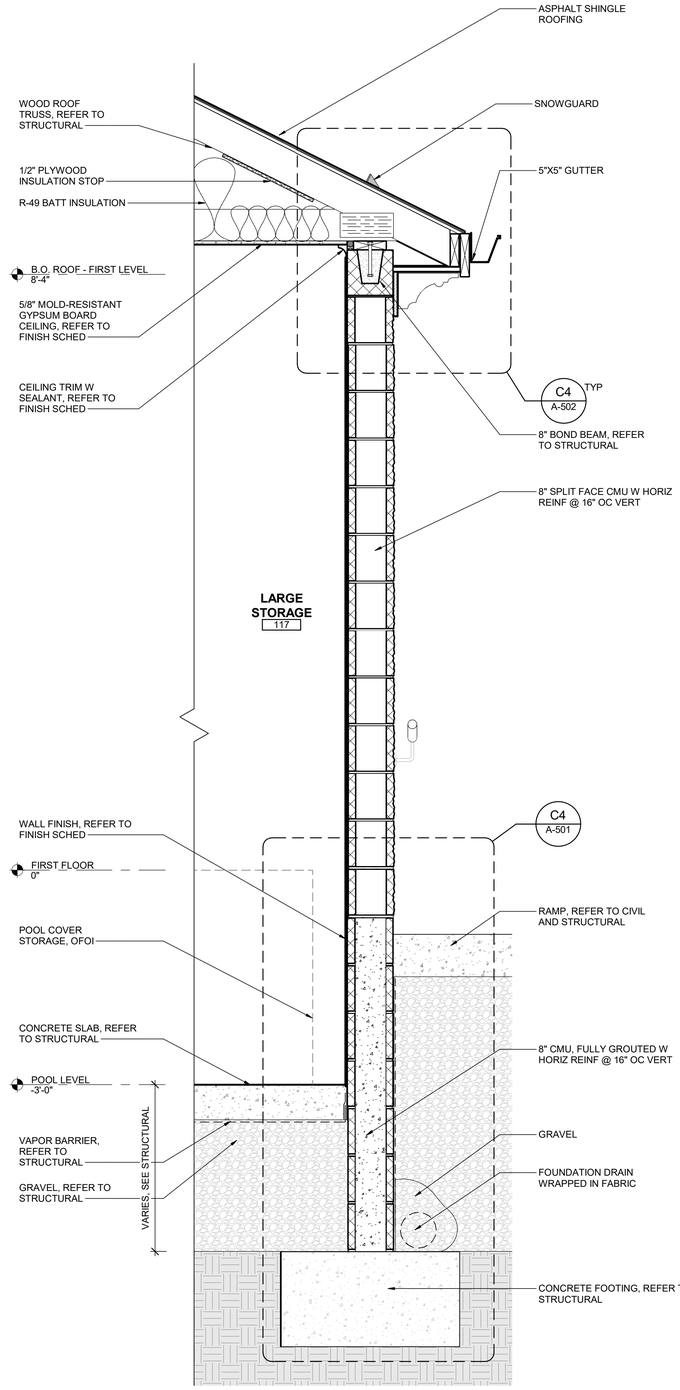
5/14/2025 6:26:38 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



A6 A-101 A-304 WALL SECTION 3 - POOL FACILITIES BLDG

SCALE: 1" = 1'-0"

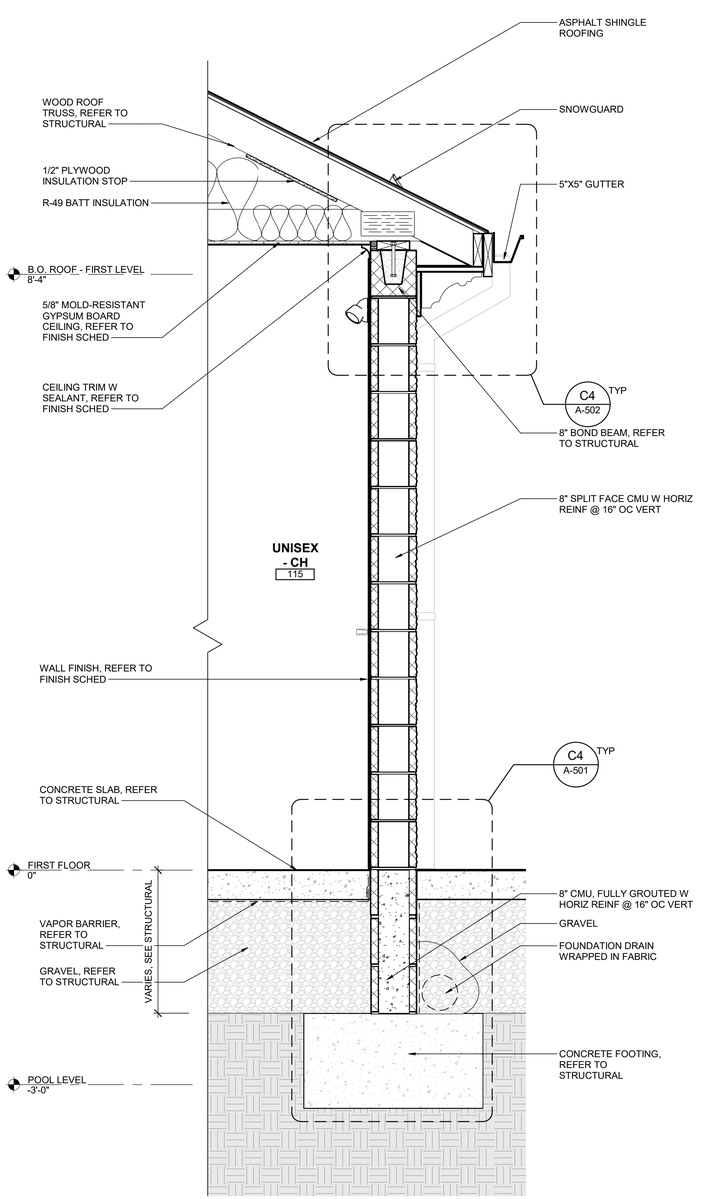
0' 6" 1' 2'



A4 A-101 A-304 WALL SECTION 4 - POOL FACILITIES BLDG

SCALE: 1" = 1'-0"

0' 6" 1' 2'



A2 A-101 A-304 WALL SECTION 5 - POOL FACILITIES BLDG

SCALE: 1" = 1'-0"

0' 6" 1' 2'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

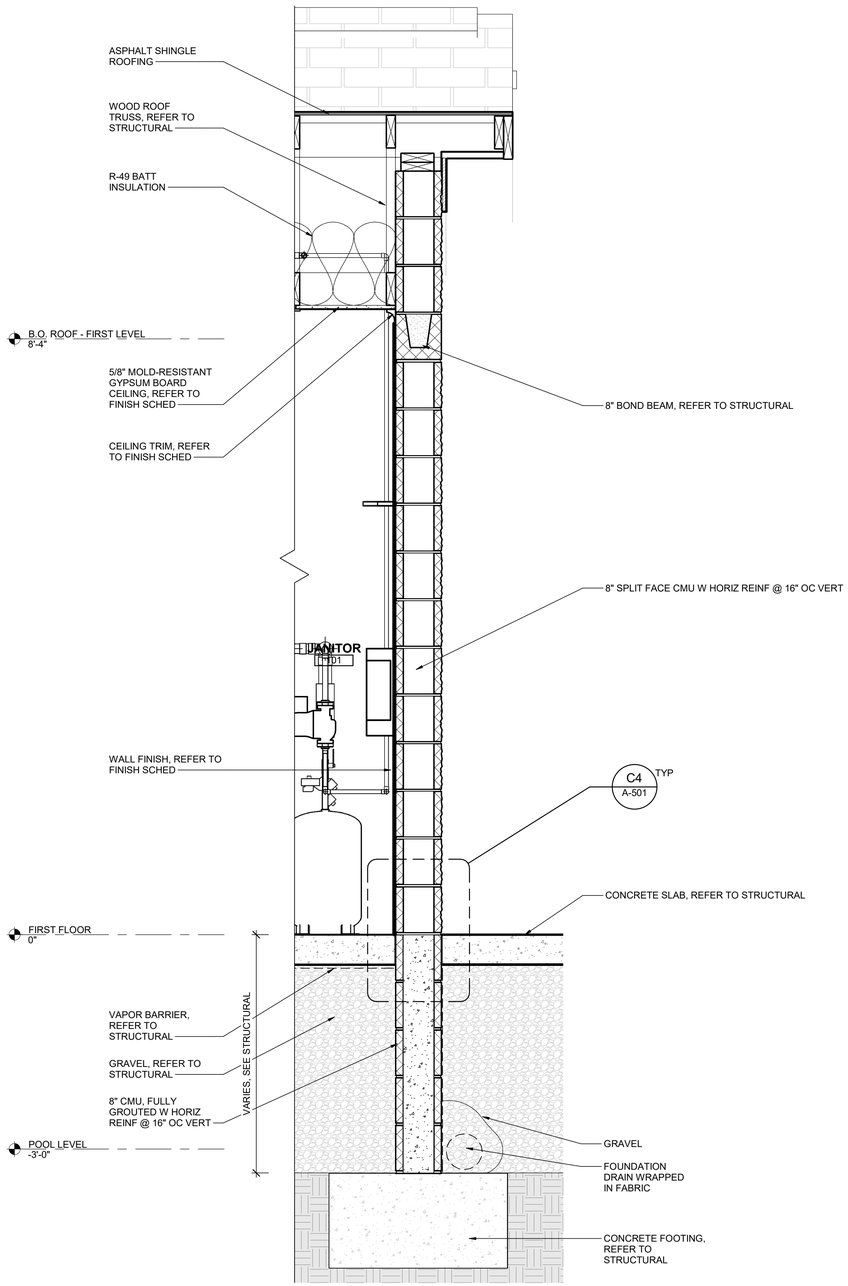
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

WALL SECTIONS

SHT. NO. A-304 | REV. NO. 0

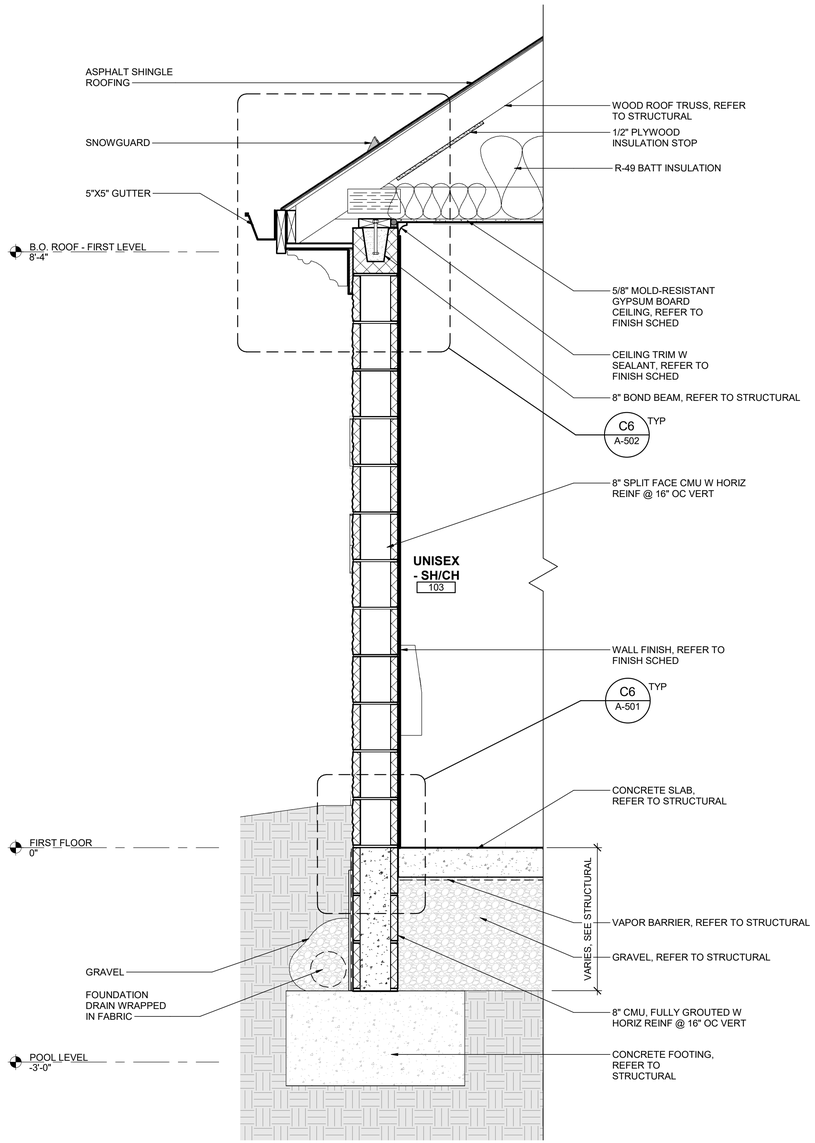
5/14/2025 6:26:41 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



A6 / A-101 | A-305 — WALL SECTION 6 - POOL FACILITIES BLDG

SCALE: 1" = 1'-0"

0' 6" 1' 2'



A3 / A-101 | A-305 — WALL SECTION 7 - POOL FACILITIES BLDG

SCALE: 1" = 1'-0"

0' 6" 1' 2'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

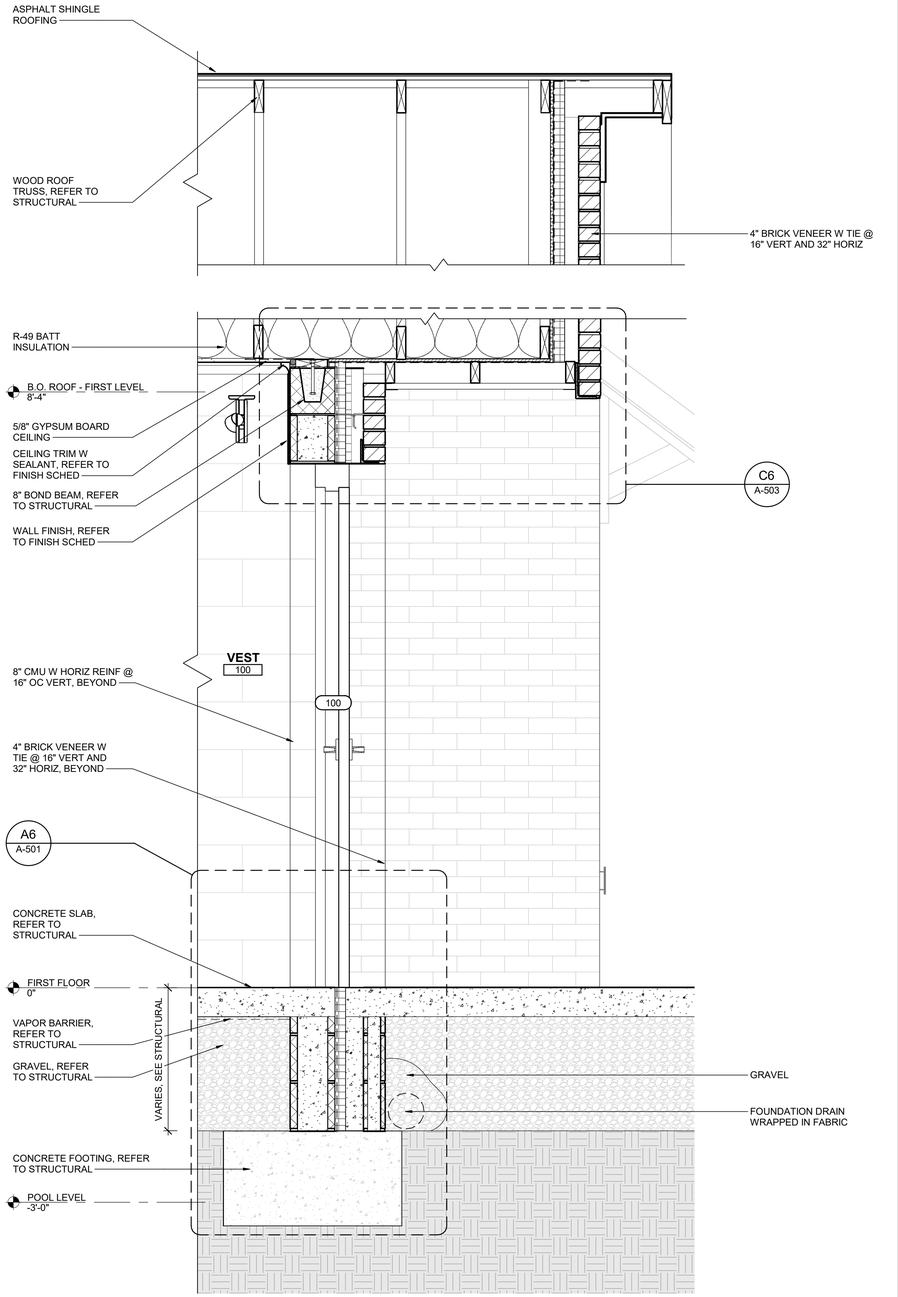
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

WALL SECTIONS

SHT. NO.	REV. NO.
A-305	0

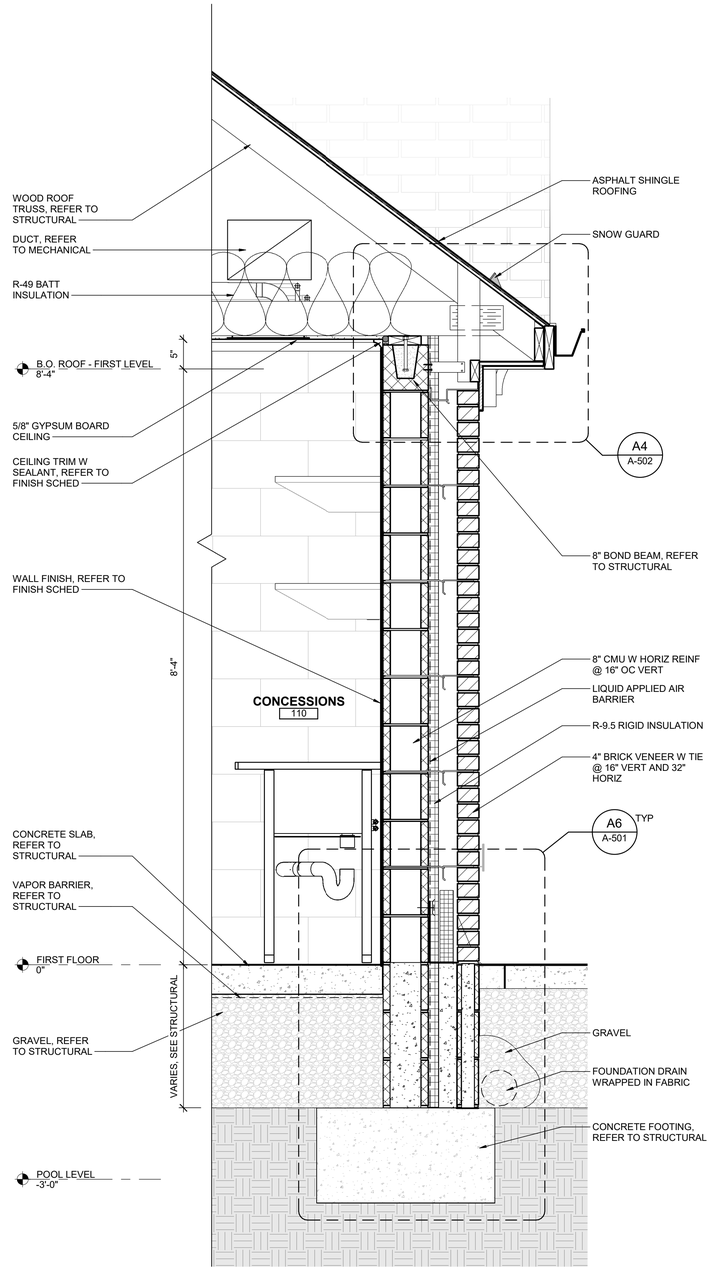
5/14/2025 6:26:43 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



A6 A-101 A-306 WALL SECTION 1 - POOL ADMINISTRATION BLDG

SCALE: 1" = 1'-0"

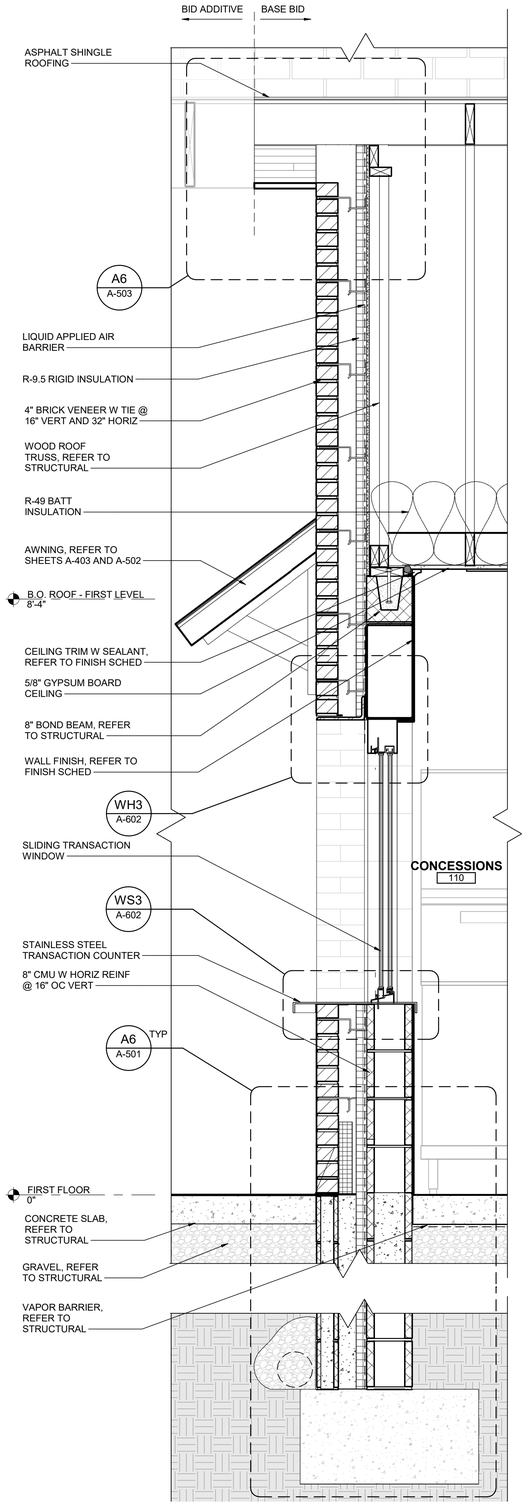
0' 6" 1' 2'



A4 A-101 A-306 WALL SECTION 2 - POOL ADMINISTRATION BLDG

SCALE: 1" = 1'-0"

0' 6" 1' 2'



A2 A-101 A-306 WALL SECTION 3 - POOL ADMINISTRATION BLDG

SCALE: 1" = 1'-0"

0' 6" 1' 2'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

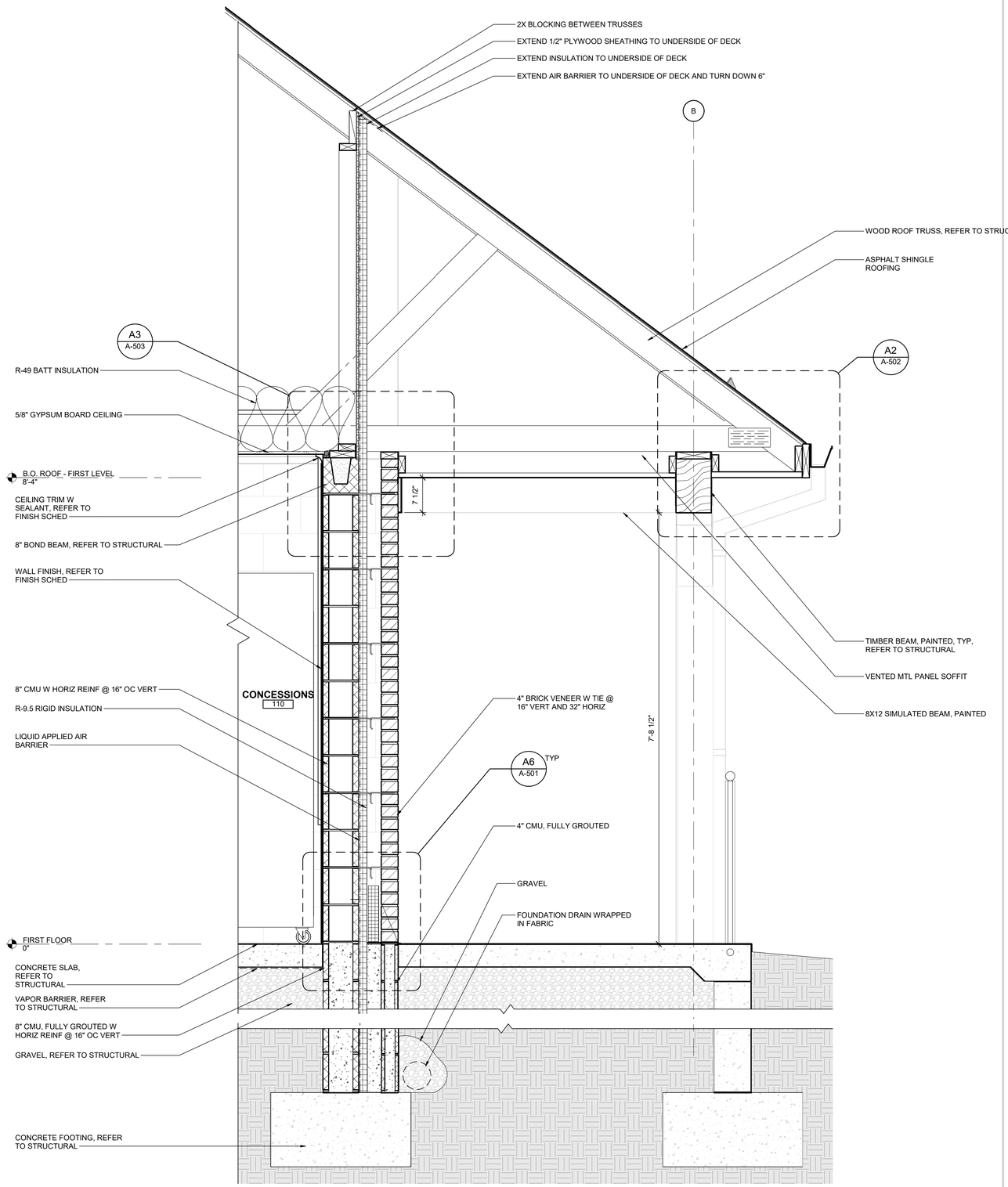
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

WALL SECTIONS

SHT. NO.	REV. NO.
A-306	0

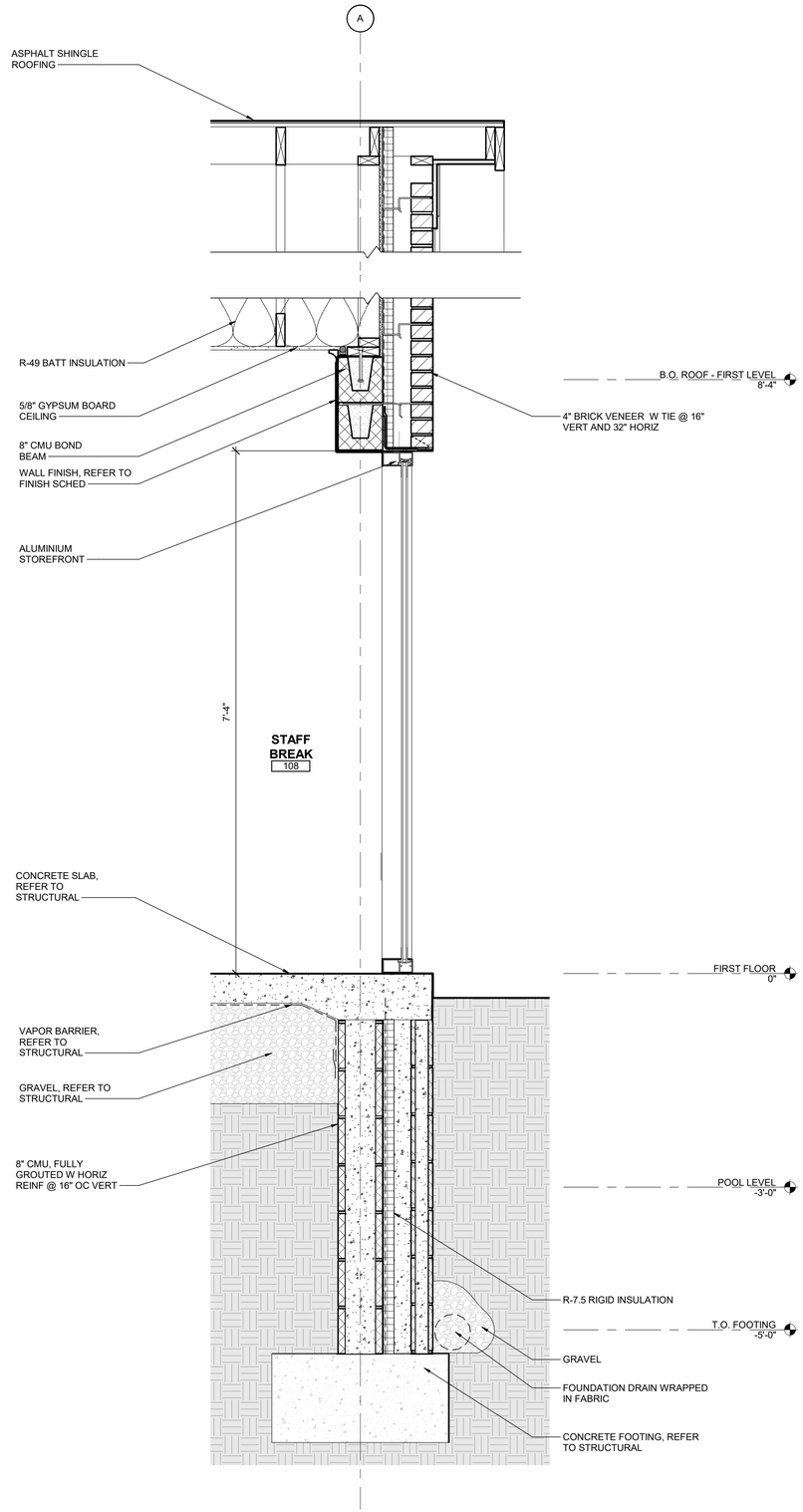
5/14/2025 6:26:46 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



A6 A-101 A-307 **WALL SECTION 4 - POOL ADMINISTRATION BLDG**

SCALE: 1" = 1'-0"

0' 6" 1' 2'



A3 A-101 A-307 **WALL SECTION 5 - POOL ADMINISTRATION BLDG**

SCALE: 1" = 1'-0"

0' 6" 1' 2'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

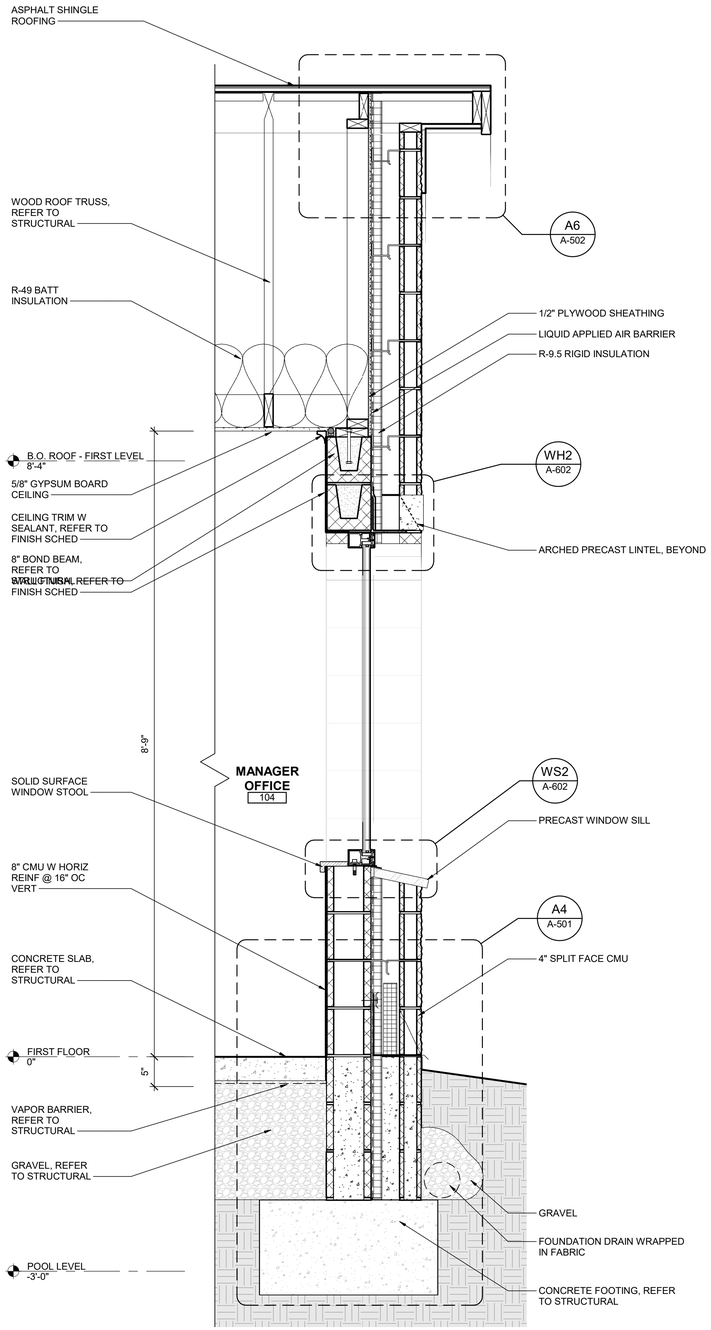
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

WALL SECTIONS

SHT. NO.	REV. NO.
A-307	0

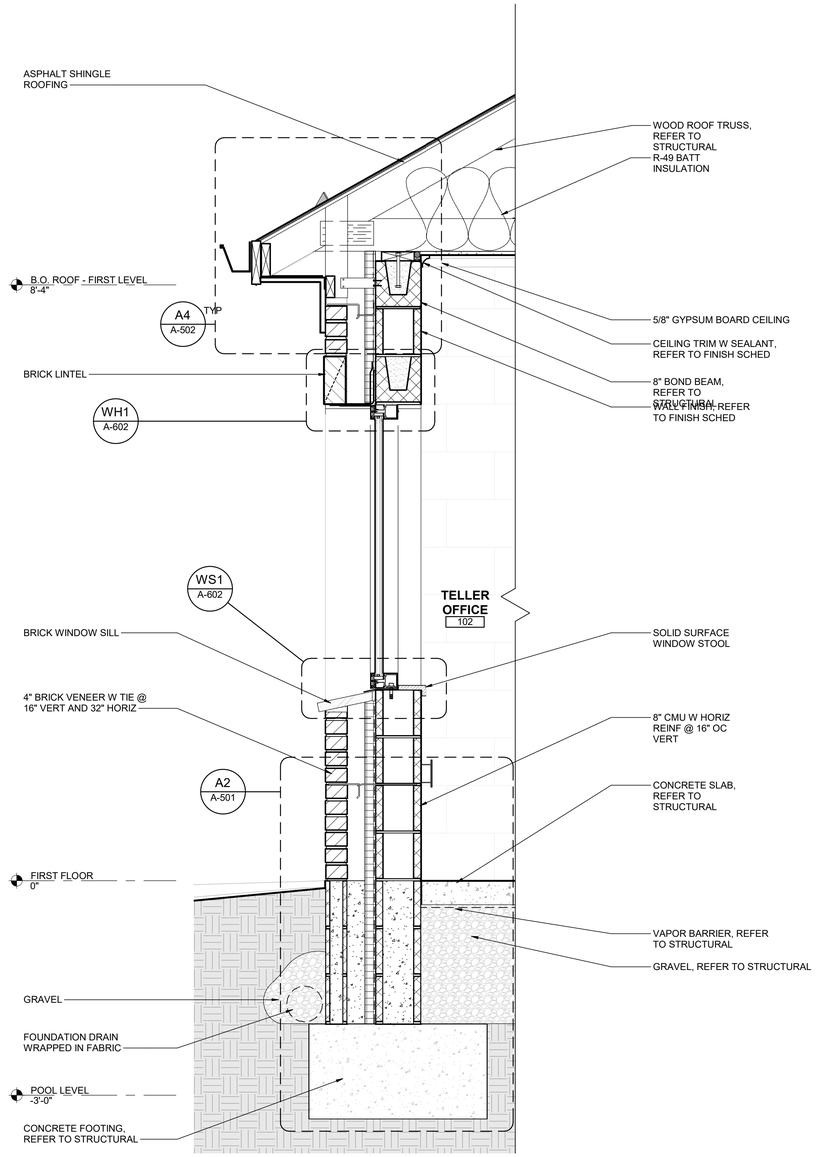
5/14/2025 6:26:48 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



A6 WALL SECTION 6 - POOL ADMINISTRATION BLDG

A-101 | A-308 SCALE: 1" = 1'-0"

0' 6" 1' 2'



A3 WALL SECTION 7 - POOL ADMINISTRATION BLDG

A-101 | A-308 SCALE: 1" = 1'-0"

0' 6" 1' 2'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

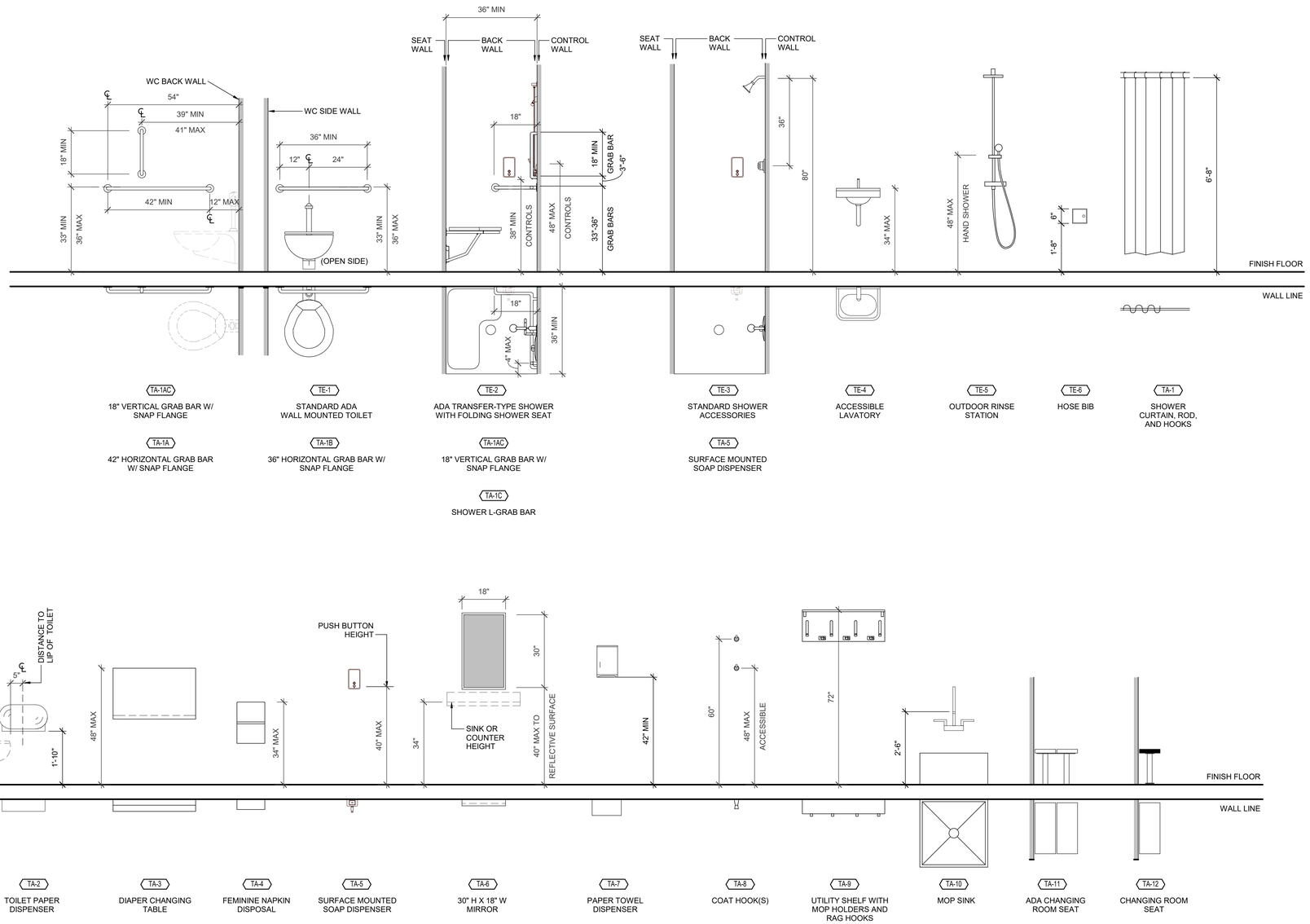
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

WALL SECTIONS

SHT. NO.	REV. NO.
A-308	0

5/14/2025 6:26:51 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv(@wileywilson.com.rvt



TOILET ACCESSORIES AND EQUIPMENT MOUNTING HEIGHTS

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

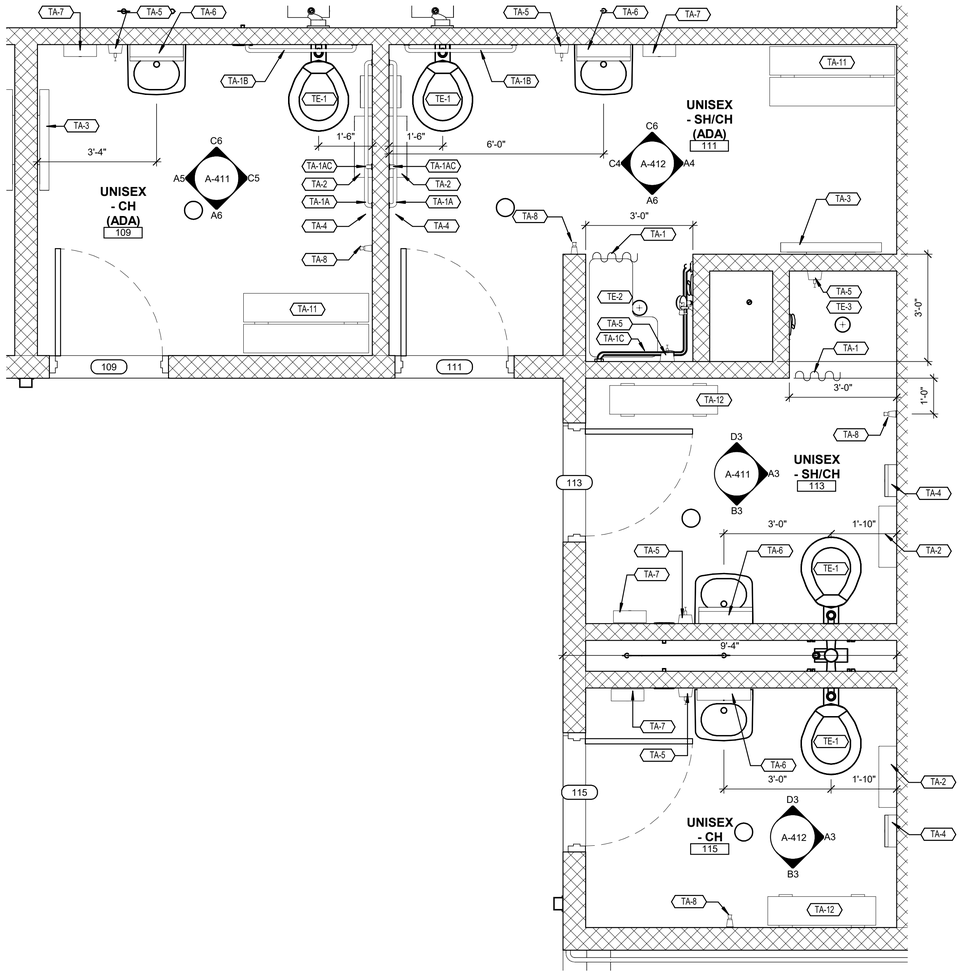
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

ENLARGED PLANS AND ELEVATIONS - MOUNTING HEIGHTS

SHT. NO.	REV. NO.
A-401	0

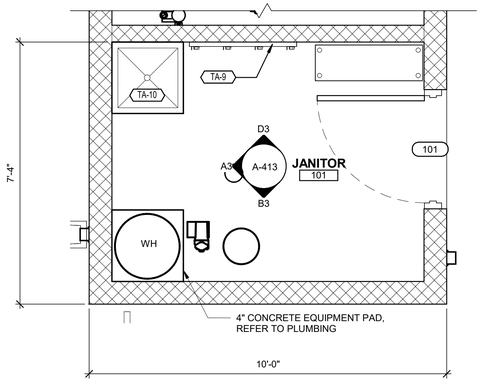
5/14/2025 6:26:51 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



C6 ENLARGED FLOOR PLAN - RESTROOMS

A-101 | A-402 SCALE: 1/2" = 1'-0"

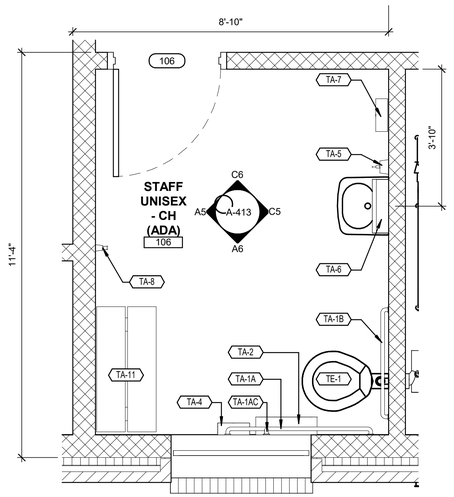
0' 1' 2' 4'



C3 ENLARGED FLOOR PLAN - JANITOR

A-101 | A-402 SCALE: 1/2" = 1'-0"

0' 1' 2' 4'



A3 ENLARGED FLOOR PLAN - STAFF RESTROOM

A-101 | A-402 SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

GENERAL SHEET NOTES

1. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
2. COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
3. TRASH RECEPTACLES TO BE PROVIDED BY OWNER.
4. COORDINATE SLOPE FOR ALL SLAB-ON-GRADE FLOORS TO SLOPE TO DRAIN.

TOILET A/E LEGEND

- TA-1AC — 18" VERTICAL GRAB BAR W/ SNAP FLANGE
- TA-1A — 42" HORIZONTAL GRAB BAR W/ SNAP FLANGE
- TE-1 — STANDARD ADA WALL MOUNTED TOILET
- TA-1B — 36" HORIZONTAL GRAB BAR W/ SNAP FLANGE
- TA-1C — SHOWER L-GRAB BAR
- TE-2 — ADA TRANSFER-TYPE FOLDING SHOWER SEAT
- TE-3 — STANDARD SHOWER ACCESSORIES
- TE-4 — ACCESSIBLE LAVATORY
- TE-5 — OUTDOOR RINSE STATION
- TA-1 — SHOWER CURTAIN
- TA-2 — TOILET PAPER DISPENSER
- TA-3 — DIAPER CHANGING TABLE
- TA-4 — FEMININE NAPKIN DISPOSAL
- TA-5 — SURFACE MOUNTED SOAP DISPENSER
- TA-6 — 30" H X 18" W MIRROR
- TA-7 — PAPER TOWEL DISPENSER
- TA-8 — COAT HOOK(S)
- TA-9 — UTILITY SHELF WITH MOP HOLDERS AND RAG HOOKS
- TA-10 — MOP SINK
- TA-11 — ADA CHANGING ROOM SEAT
- TA-12 — CHANING ROOM SEAT

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

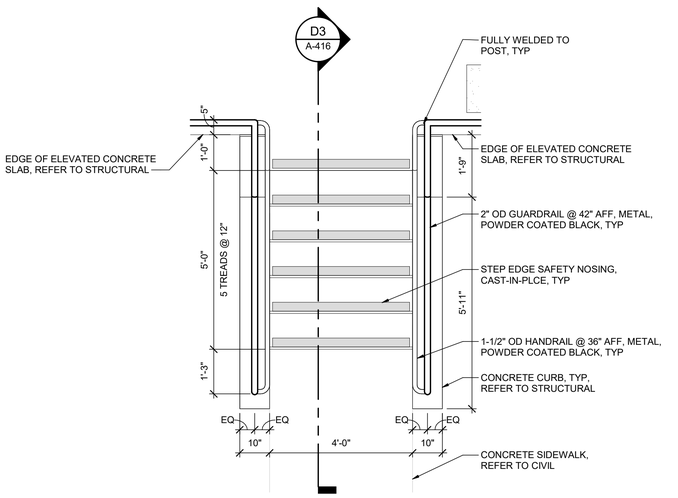
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

ENLARGED PLANS - RESTROOMS AND JANITOR

SHT. NO.	REV. NO.
A-402	0

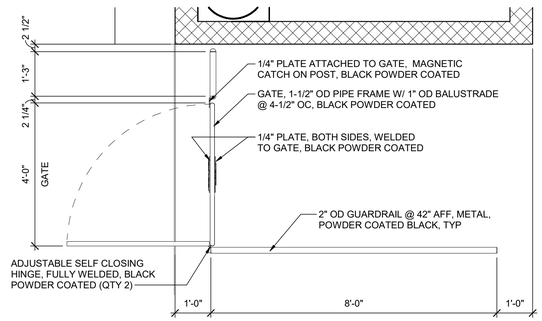
5/14/2025 6:26:53 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



D6 A-101 A-403 ENLARGED PLAN - STAIRS

SCALE: 1/2" = 1'-0"

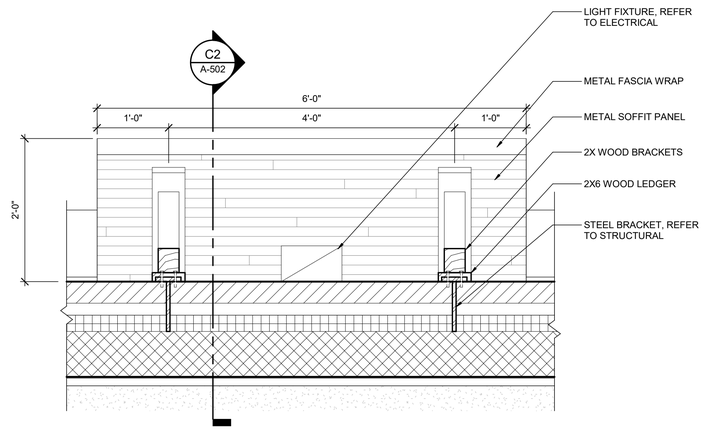
0' 1' 2' 4'



D4 A-101 A-403 ENLARGED PLAN - EXIT GATE

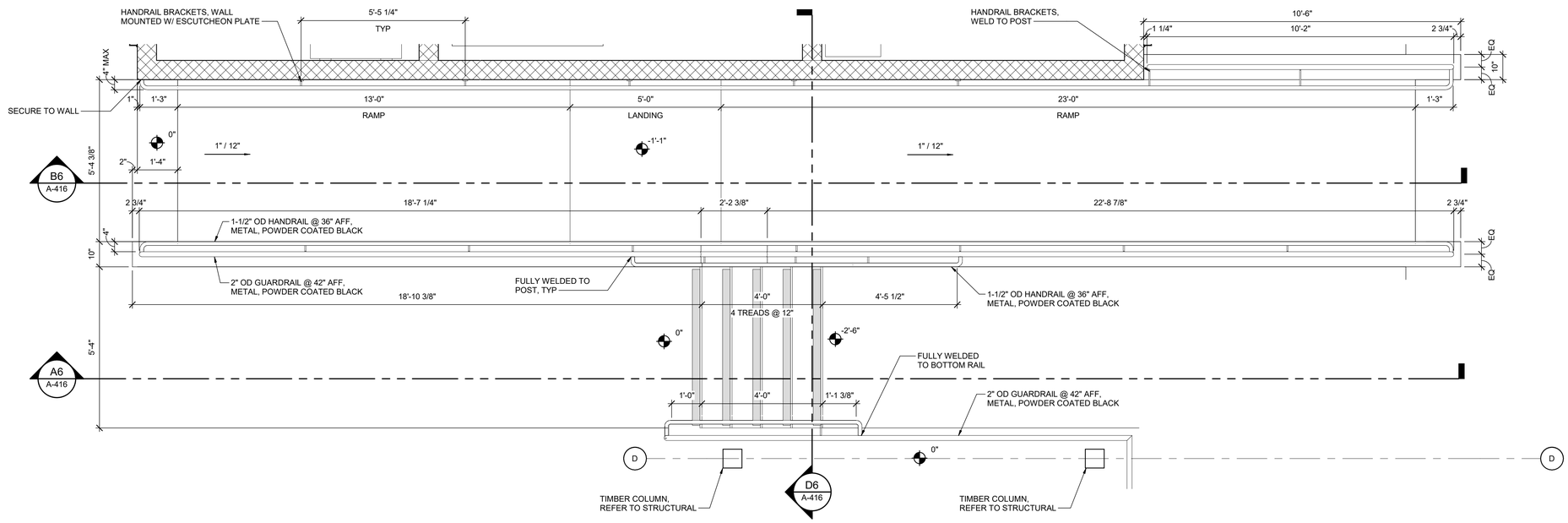
SCALE: 1/2" = 1'-0"

0' 6" 1' 2'



D2 A-111 A-403 ENLARGED REFLECTED CEILING PLAN - TYP AWNING

SCALE: 1" = 1'-0"



A6 A-101 A-403 ENLARGED PLAN - STAIRS AND RAMP

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

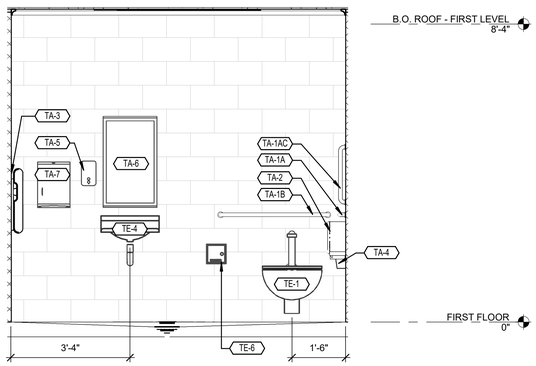
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

ENLARGED PLANS - MISC

SHT. NO.	REV. NO.
A-403	0

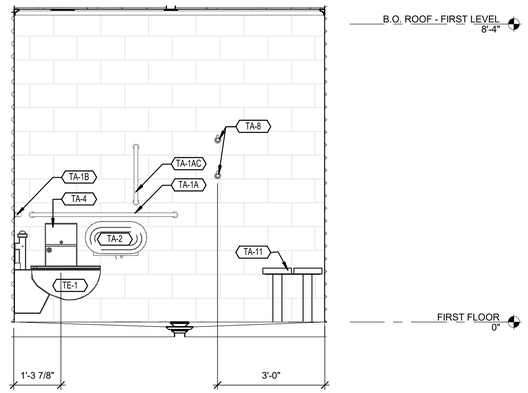
5/14/2025 6:26:54 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt



C6 ENLARGED ELEVATION - NORTH - ROOM 109

A-402 A-411 SCALE: 1/2" = 1'-0"

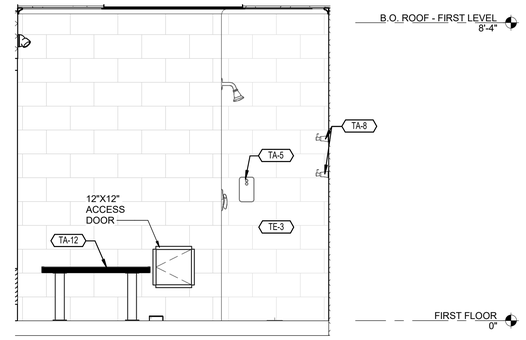
0' 1' 2' 4'



C5 ENLARGED ELEVATION - EAST - ROOM 109

A-402 A-411 SCALE: 1/2" = 1'-0"

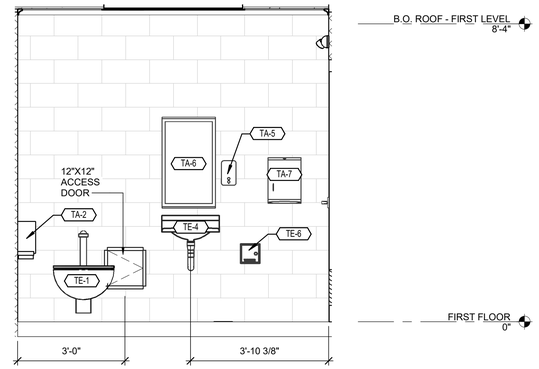
0' 1' 2' 4'



D3 ENLARGED ELEVATION - NORTH - ROOM 113

A-402 A-411 SCALE: 1/2" = 1'-0"

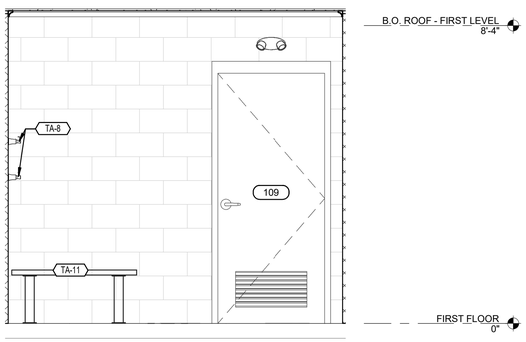
0' 1' 2' 4'



B3 ENLARGED ELEVATION - SOUTH - ROOM 113

A-402 A-411 SCALE: 1/2" = 1'-0"

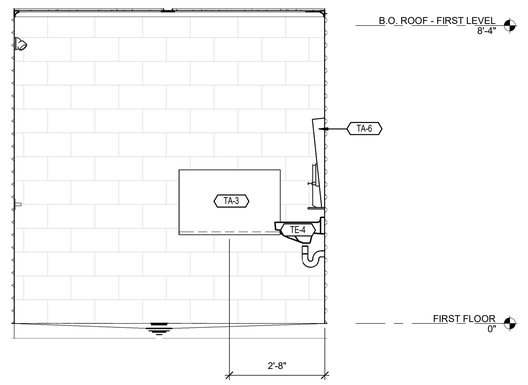
0' 1' 2' 4'



A6 ENLARGED ELEVATION - SOUTH - ROOM 109

A-402 A-411 SCALE: 1/2" = 1'-0"

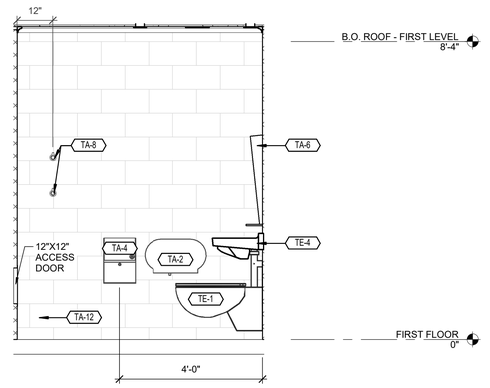
0' 1' 2' 4'



A5 ENLARGED ELEVATION - WEST - ROOM 109

A-402 A-411 SCALE: 1/2" = 1'-0"

0' 1' 2' 4'



A3 ENLARGED ELEVATION - EAST - ROOM 113

A-402 A-411 SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

GENERAL SHEET NOTES

1 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
2 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
3 TRASH RECEPTACLES TO BE PROVIDED BY OWNER.
4 COORDINATE SLOPE FOR ALL SLAB-ON-GRADE FLOORS TO SLOPE TO DRAIN.

TOILET A/E LEGEND

TA-1AC
18" VERTICAL GRAB BAR W/ SNAP FLANGE

TA-1A
42" HORIZONTAL GRAB BAR W/ SNAP FLANGE

TE-1
STANDARD ADA WALL MOUNTED TOILET

TA-1B
36" HORIZONTAL GRAB BAR W/ SNAP FLANGE

TA-1C
SHOWER L-GRAB BAR

TE-2
ADA TRANSFER-TYPE FOLDING SHOWER SEAT

TE-3
STANDARD SHOWER ACCESSORIES

TE-4
ACCESSIBLE LAVATORY

TE-5
OUTDOOR RINSE STATION

TA-1
SHOWER CURTAIN

TA-2
TOILET PAPER DISPENSER

TA-3
DIAPER CHANGING TABLE

TA-4
FEMININE NAPKIN DISPOSAL

TA-5
SURFACE MOUNTED SOAP DISPENSER

TA-6
30" H X 18" W MIRROR

TA-7
PAPER TOWEL DISPENSER

TA-8
COAT HOOK(S)

TA-9
UTILITY SHELF WITH MOP HOLDERS AND RAG HOOKS

TA-10
MOP SINK

TA-11
ADA CHANGING ROOM SEAT

TA-12
CHANING ROOM SEAT

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

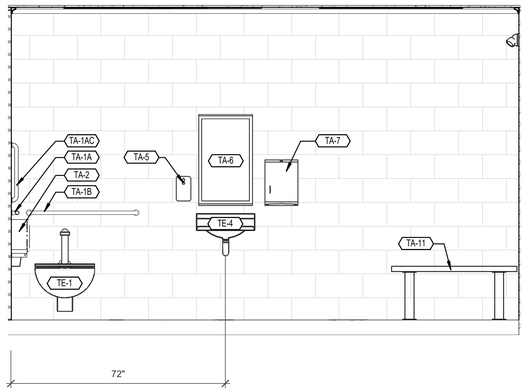
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

ENLARGED ELEVATIONS - RESTROOMS

SHT. NO.	REV. NO.
A-411	0

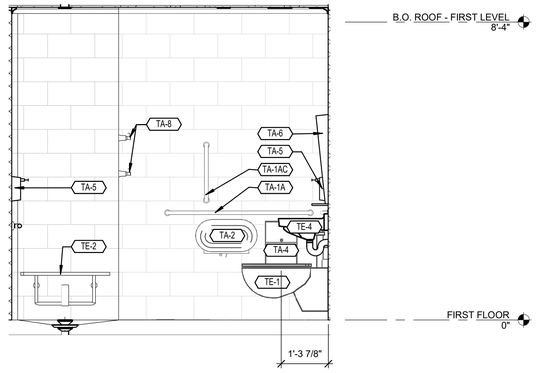
5/14/2025 6:26:58 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



C6 A-402 A-412 ENLARGED ELEVATION - NORTH - ROOM 111

SCALE: 1/2" = 1'-0"

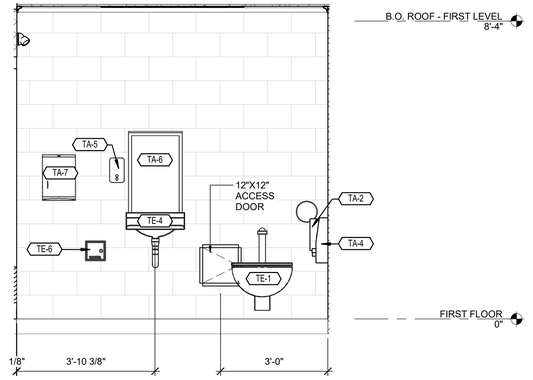
0' 1' 2' 4'



C4 A-402 A-412 ENLARGED ELEVATION - EAST - ROOM 111

SCALE: 1/2" = 1'-0"

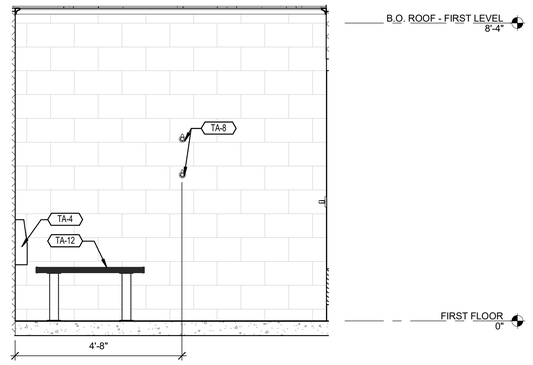
0' 1' 2' 4'



D3 A-402 A-412 ENLARGED ELEVATION - NORTH - ROOM 115

SCALE: 1/2" = 1'-0"

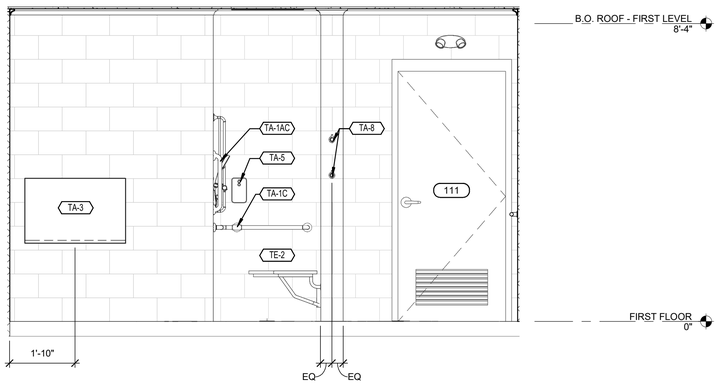
0' 1' 2' 4'



B3 A-402 A-412 ENLARGED ELEVATION - SOUTH - ROOM 115

SCALE: 1/2" = 1'-0"

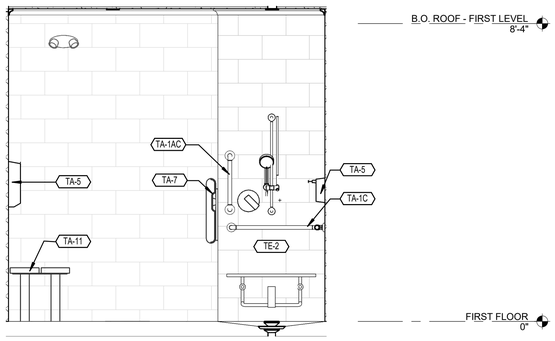
0' 1' 2' 4'



A6 A-402 A-412 ENLARGED ELEVATION - SOUTH - ROOM 111

SCALE: 1/2" = 1'-0"

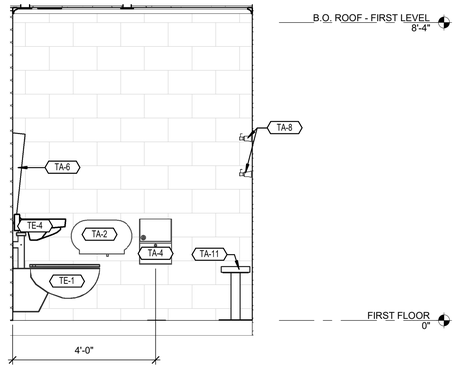
0' 1' 2' 4'



A4 A-402 A-412 ENLARGED ELEVATION - WEST - ROOM 111

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'



A3 A-402 A-412 ENLARGED ELEVATION - EAST - ROOM 115

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

GENERAL SHEET NOTES

1. COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
2. COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
3. TRASH RECEPTACLES TO BE PROVIDED BY OWNER.
4. COORDINATE SLOPE FOR ALL SLAB-ON-GRADE FLOORS TO SLOPE TO DRAIN.

TOILET A/E LEGEND

- TA-1AC — 18" VERTICAL GRAB BAR W/ SNAP FLANGE
- TA-1A — 42" HORIZONTAL GRAB BAR W/ SNAP FLANGE
- TE-1 — STANDARD ADA WALL MOUNTED TOILET
- TA-1B — 36" HORIZONTAL GRAB BAR W/ SNAP FLANGE
- TA-1C — SHOWER L-GRAB BAR
- TE-2 — ADA TRANSFER-TYPE FOLDING SHOWER SEAT
- TE-3 — STANDARD SHOWER ACCESSORIES
- TE-4 — ACCESSIBLE LAVATORY
- TE-5 — OUTDOOR RINSE STATION
- TA-1 — SHOWER CURTAIN
- TA-2 — TOILET PAPER DISPENSER
- TA-3 — DIAPER CHANGING TABLE
- TA-4 — FEMININE NAPKIN DISPOSAL
- TA-5 — SURFACE MOUNTED SOAP DISPENSER
- TA-6 — 30" H X 18" W MIRROR
- TA-7 — PAPER TOWEL DISPENSER
- TA-8 — COAT HOOK(S)
- TA-9 — UTILITY SHELF WITH MOP HOLDERS AND RAG HOOKS
- TA-10 — MOP SINK
- TA-11 — ADA CHANGING ROOM SEAT
- TA-12 — CHANING ROOM SEAT

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

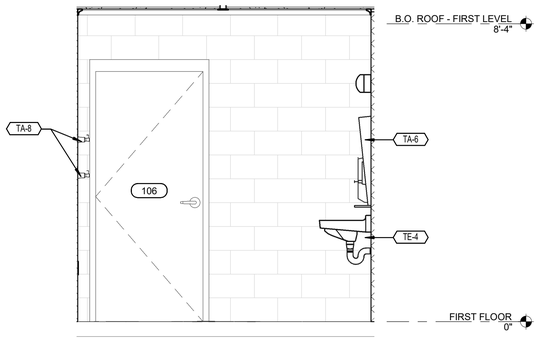
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

ENLARGED ELEVATIONS - RESTROOMS

SHT. NO.	REV. NO.
A-412	0

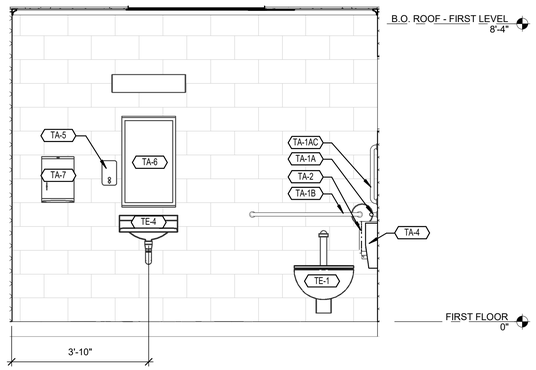
5/14/2025 6:27:04 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt



C6 ENLARGED ELEVATION - NORTH - ROOM 106

A-402 | A-413 SCALE: 1/2" = 1'-0"

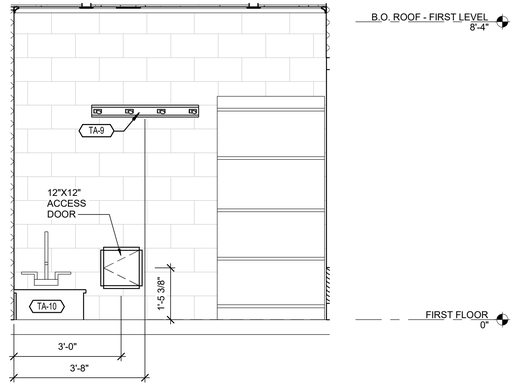
0' 1' 2' 4'



C5 ENLARGED ELEVATION - EAST - ROOM 106

A-402 | A-413 SCALE: 1/2" = 1'-0"

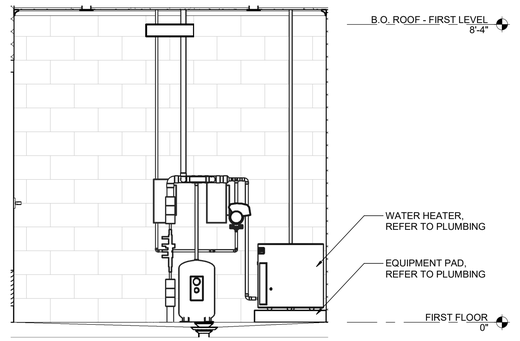
0' 1' 2' 4'



D3 ENLARGED ELEVATION - NORTH - ROOM 101

A-402 | A-413 SCALE: 1/2" = 1'-0"

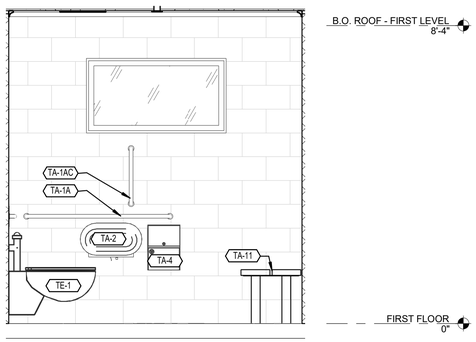
0' 1' 2' 4'



B3 ENLARGED ELEVATION - SOUTH - ROOM 101

A-402 | A-413 SCALE: 1/2" = 1'-0"

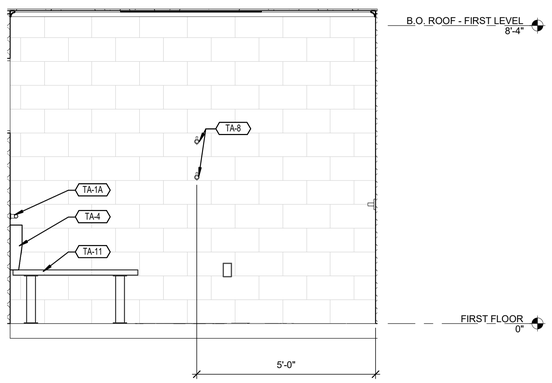
0' 1' 2' 4'



A6 ENLARGED ELEVATION - SOUTH - ROOM 106

A-402 | A-413 SCALE: 1/2" = 1'-0"

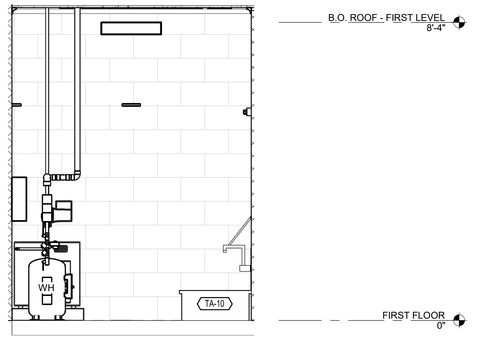
0' 1' 2' 4'



A5 ENLARGED ELEVATION - WEST - ROOM 106

A-402 | A-413 SCALE: 1/2" = 1'-0"

0' 1' 2' 4'



A3 ENLARGED ELEVATION - WEST - ROOM 101

A-402 | A-413 SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

GENERAL SHEET NOTES

1 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
2 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
3 TRASH RECEPTACLES TO BE PROVIDED BY OWNER.
4 COORDINATE SLOPE FOR ALL SLAB-ON-GRADE FLOORS TO SLOPE TO DRAIN.

TOILET A/E LEGEND

TA-1AC — 18" VERTICAL GRAB BAR W/ SNAP FLANGE
TA-1A — 42" HORIZONTAL GRAB BAR W/ SNAP FLANGE
TE-1 — STANDARD ADA WALL MOUNTED TOILET
TA-1B — 36" HORIZONTAL GRAB BAR W/ SNAP FLANGE
TA-1C — SHOWER L-GRAB BAR
TE-2 — ADA TRANSFER-TYPE FOLDING SHOWER SEAT
TE-3 — STANDARD SHOWER ACCESSORIES
TE-4 — ACCESSIBLE LAVATORY
TE-5 — OUTDOOR RINSE STATION
TA-1 — SHOWER CURTAIN
TA-2 — TOILET PAPER DISPENSER
TA-3 — DIAPER CHANGING TABLE
TA-4 — FEMININE NAPKIN DISPOSAL
TA-5 — SURFACE MOUNTED SOAP DISPENSER
TA-6 — 30" H X 18" W MIRROR
TA-7 — PAPER TOWEL DISPENSER
TA-8 — COAT HOOK(S)
TA-9 — UTILITY SHELF WITH MOP HOLDERS AND RAG HOOKS
TA-10 — MOP SINK
TA-11 — ADA CHANGING ROOM SEAT
TA-12 — CHANING ROOM SEAT

Wiley|Wilson® Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

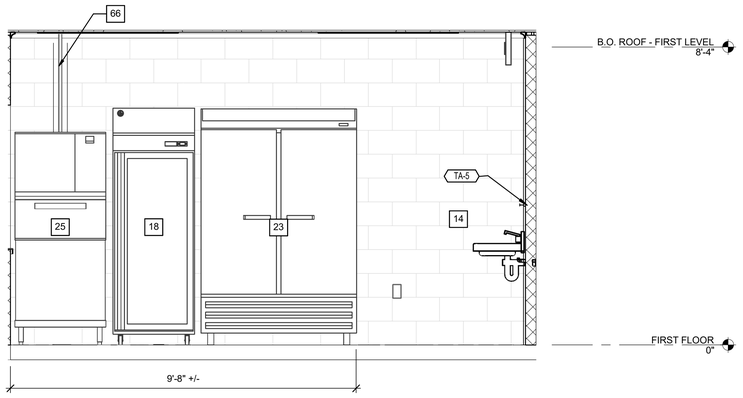
MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: ME, LC | DESIGN: ME
CHECK: SJ

SHEET TITLE
ENLARGED ELEVATIONS - RESTROOM AND JANITOR

SHT. NO. A-413 | REV. NO. 0

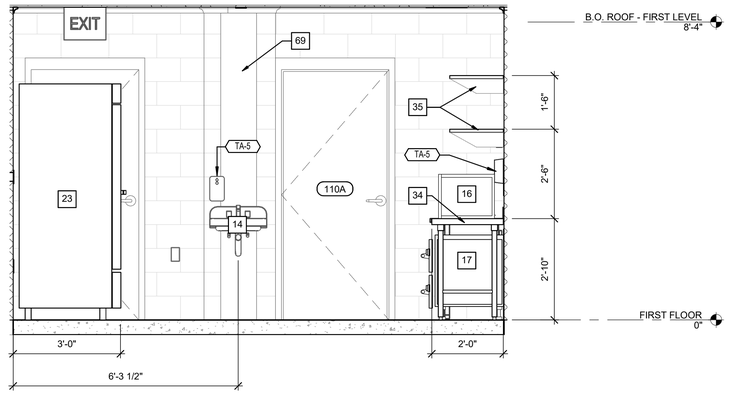
5/14/2025 6:27:07 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



C6 A-102 A-414 ENLARGED ELEVATION - SOUTH - CONCESSIONS

SCALE: 1/2" = 1'-0"

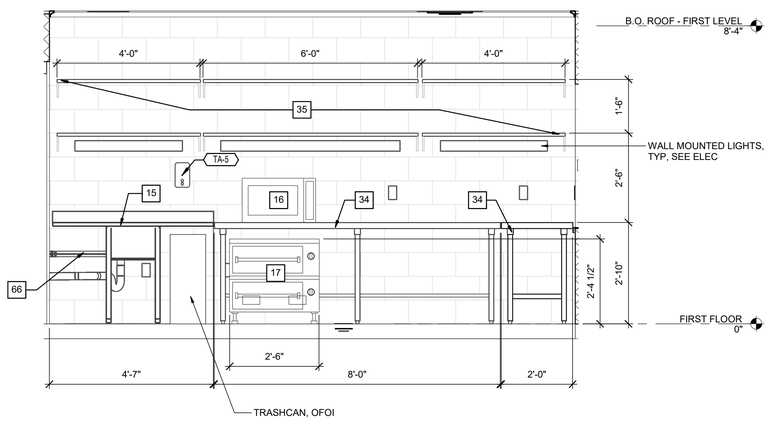
0' 1' 2' 4'



C3 A-102 A-414 ENLARGED ELEVATION - WEST - CONCESSIONS

SCALE: 1/2" = 1'-0"

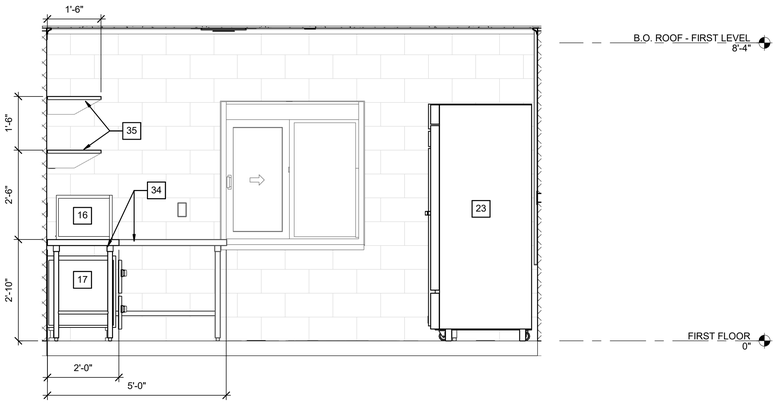
0' 1' 2' 4'



A6 A-102 A-414 ENLARGED ELEVATION - NORTH - CONCESSIONS

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'



A3 A-403 A-414 ENLARGED ELEVATION - EAST - CONCESSIONS

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

GENERAL SHEET NOTES

1 KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
3 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
4 COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

14 HAND WASH SINK
15 STAINLESS STEEL COMMERCIAL TABLE SINK
16 CONVECTION/AIR FRYER MICROWAVE
17 UNDER COUNTER WARMING DRAWER
18 GLASS FRONT DRINK COOLER
23 REFRIGERATOR
25 ICE MAKER
34 STAINLESS STEEL WORK TABLE
35 STAINLESS STEEL WALL MOUNTED OPEN SHELVING
66 STAINLESS STEEL PIPE COVER, REFER TO PLUMBING
69 1/8" X 12" STAINLESS STEEL COVER PLATE, FLOOR TO CEILING

TOILET A/E LEGEND

TA-1AC 18" VERTICAL GRAB BAR W/ SNAP FLANGE
TA-1A 42" HORIZONTAL GRAB BAR W/ SNAP FLANGE
TE-1 STANDARD ADA WALL MOUNTED TOILET
TA-1B 36" HORIZONTAL GRAB BAR W/ SNAP FLANGE
TA-1C SHOWER L-GRAB BAR
TE-2 ADA TRANSFER-TYPE FOLDING SHOWER SEAT
TE-3 STANDARD SHOWER ACCESSORIES
TE-4 ACCESSIBLE LAVATORY
TE-5 OUTDOOR RINSE STATION
TA-1 SHOWER CURTAIN
TA-2 TOILET PAPER DISPENSER
TA-3 DIAPER CHANGING TABLE
TA-4 FEMININE NAPKIN DISPOSAL
TA-5 SURFACE MOUNTED SOAP DISPENSER
TA-6 30" H X 18" W MIRROR
TA-7 PAPER TOWEL DISPENSER
TA-8 COAT HOOK(S)
TA-9 UTILITY SHELF WITH MOP HOLDERS AND RAG HOOKS
TA-10 MOP SINK
TA-11 ADA CHANGING ROOM SEAT
TA-12 CHANING ROOM SEAT

Wiley|Wilson Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

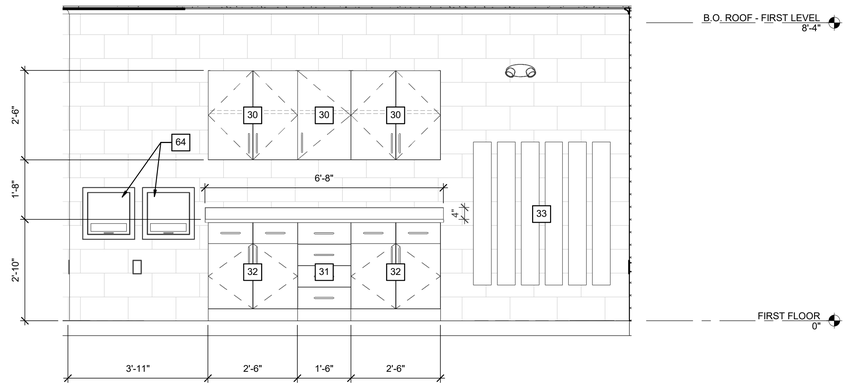
MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: ME, LC | DESIGN: ME
CHECK: SJ

SHEET TITLE
ENLARGED ELEVATIONS - CONCESSIONS

SHT. NO. A-414 | REV. NO. 0

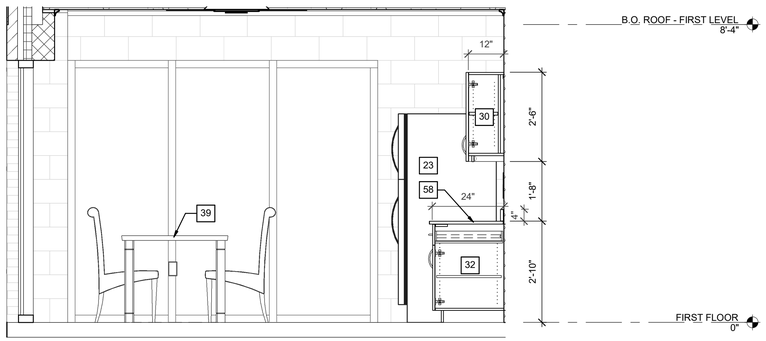
5/14/2025 6:27:09 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt



C6 A-102 A-415 ENLARGED ELEVATION - NORTH - BREAK ROOM

SCALE: 1/2" = 1'-0"

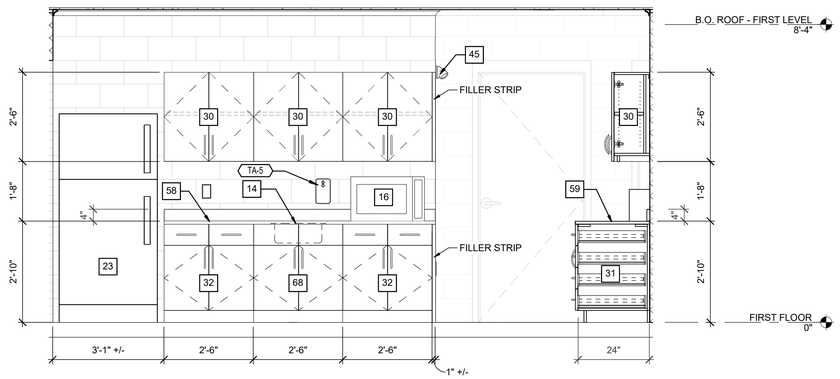
0' 1' 2' 4'



A6 A-102 A-415 ENLARGED ELEVATION - SOUTH - BREAK ROOM

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'



A3 A-102 A-415 ENLARGED ELEVATION - WEST - BREAK ROOM

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

GENERAL SHEET NOTES

1 KEYNOTE NUMBERS STAY CONSISTENT ON EACH SHEET THROUGHOUT THE DRAWING PACKAGE. IF A KEYNOTE NUMBER IS MISSING, THAT KEYNOTE IS NOT APPLICABLE TO THE AREA SHOWN ON THAT SHEET.
2 COORDINATE WITH MECHANICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF PIPING WITHIN WALL ENCLOSURES AND ASSEMBLIES.
3 COORDINATE AND VERIFY AS NEEDED WITH MECHANICAL, STRUCTURAL, ELECTRICAL AND PLUMBING DRAWINGS.
4 COORDINATE SLOPE FOR ALL SLAB-ON GRADE FLOORS TO DRAIN.

SHEET KEYNOTES

14 HAND WASH SINK
16 CONVECTION/AIR FRYER MICROWAVE
23 REFRIGERATOR
30 LAMINATE UPPER WALL CABINET WITH ADJUSTABLE SHELVING
31 LAMINATE BASE CABINET WITH DRAWERS
32 LAMINATE BASE CABINET WITH ADJUSTABLE SHELVING
33 LIFEGUARD FLOAT STORAGE, OFOI
39 TABLE AND CHAIRS, OFOI
45 LIGHT FIXTURE, REFER TO ELECTRICAL, TYP
58 SOLID SURFACE COUNTERTOP AND BACK SPLASH W SEAMLESS UNDER COUNTER MOUNTED ADA COMPLIANT SINK BOWL
59 SOLID SURFACE COUNTERTOP AND BACK SPLASH
64 AED AND CPR DEVICES, OFOI
68 LAMINATE BASE CABINET W/ ADA TOE KICK ATTACHED TO DOOR

TOILET A/E LEGEND

TA-1AC 18" VERTICAL GRAB BAR W/ SNAP FLANGE
TA-1A 42" HORIZONTAL GRAB BAR W/ SNAP FLANGE
TE-1 STANDARD ADA WALL MOUNTED TOILET
TA-1B 36" HORIZONTAL GRAB BAR W/ SNAP FLANGE
TA-1C SHOWER L-GRAB BAR
TE-2 ADA TRANSFER-TYPE FOLDING SHOWER SEAT
TE-3 STANDARD SHOWER ACCESSORIES
TE-4 ACCESSIBLE LAVATORY
TE-5 OUTDOOR RINSE STATION
TA-1 SHOWER CURTAIN
TA-2 TOILET PAPER DISPENSER
TA-3 DIAPER CHANGING TABLE
TA-4 FEMININE NAPKIN DISPOSAL
TA-5 SURFACE MOUNTED SOAP DISPENSER
TA-6 30" H X 18" W MIRROR
TA-7 PAPER TOWEL DISPENSER
TA-8 COAT HOOK(S)
TA-9 UTILITY SHELF WITH MOP HOLDERS AND RAG HOOKS
TA-10 MOP SINK
TA-11 ADA CHANGING ROOM SEAT
TA-12 CHANING ROOM SEAT

Wiley|Wilson Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

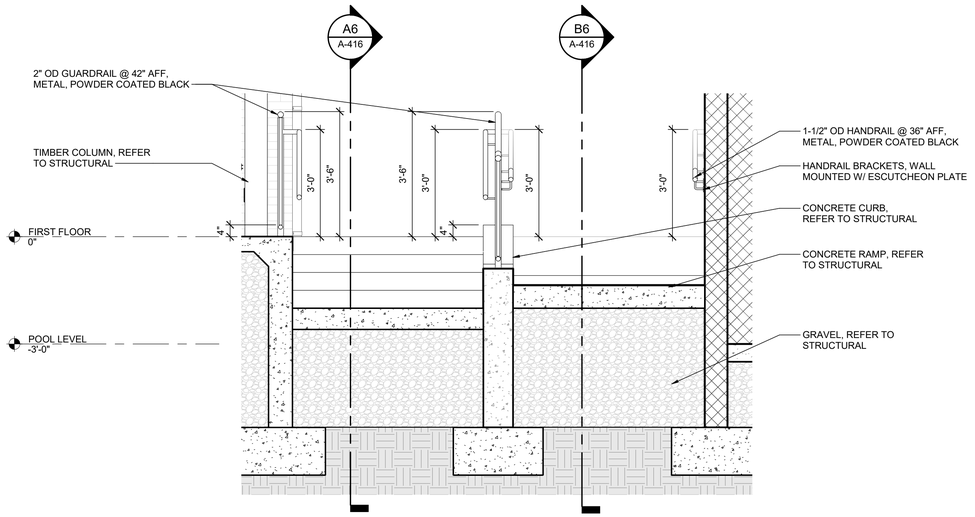
MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: ME, LC | DESIGN: ME
CHECK: SJ

SHEET TITLE
ENLARGED ELEVATIONS - STAFF BREAK ROOM

SHT. NO. A-415 | REV. NO. 0

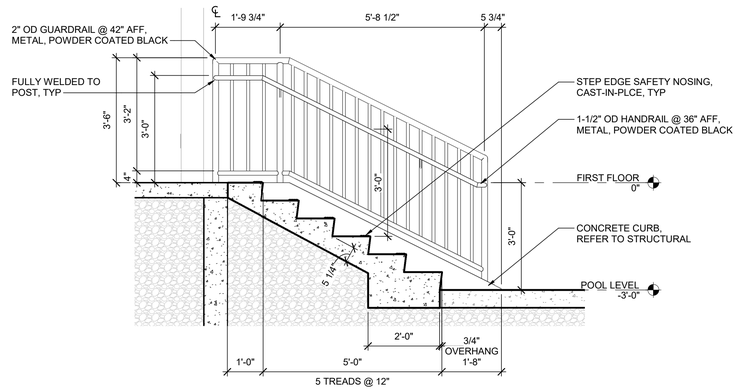
5/14/2025 6:27:12 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv@wileywilson.com.rvt



D6 A-403 A-416 ENLARGED SECTION 1 - STAIRS AND RAMP

SCALE: 1/2" = 1'-0"

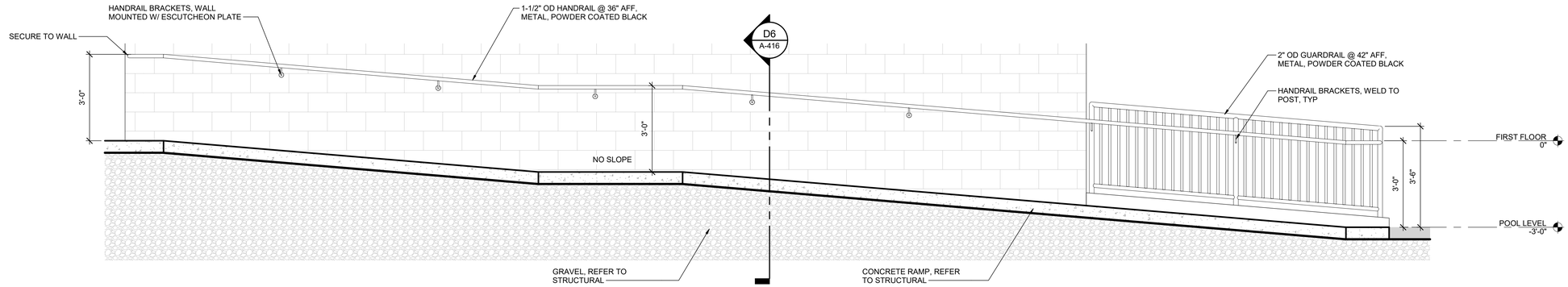
0' 1' 2' 4'



D3 A-403 A-416 ENLARGED SECTION 2 - STAIRS

SCALE: 1/2" = 1'-0"

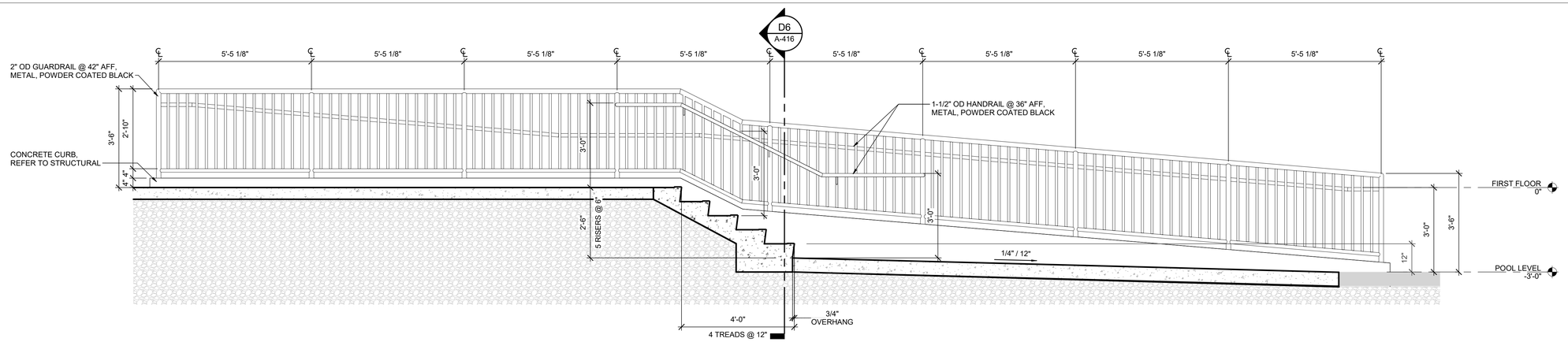
0' 1' 2' 4'



B6 A-403 A-416 ENLARGED SECTION 3 - STAIRS AND RAMP

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'



A6 A-403 A-416 ENLARGED SECTION 4 - STAIRS AND RAMP

SCALE: 1/2" = 1'-0"

0' 1' 2' 4'

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

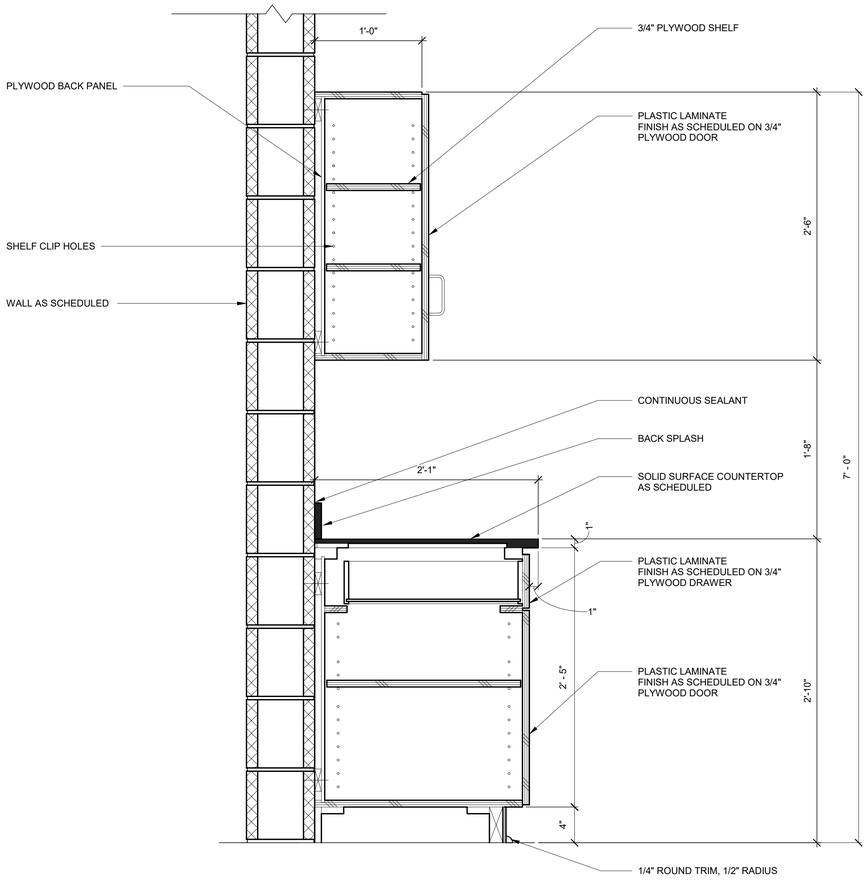
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

ENLARGED SECTIONS - STAIRS AND RAMP

SHT. NO.	REV. NO.
A-416	0

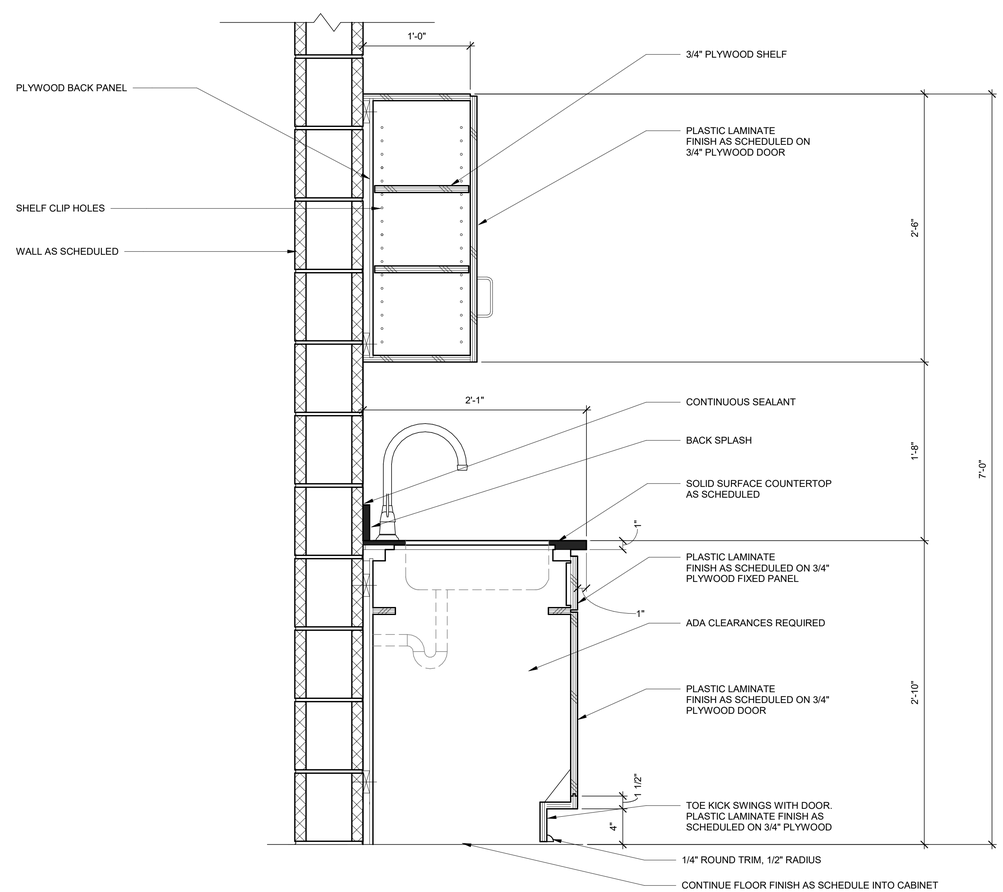
5/14/2025 6:27:13 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



1 A-417 ENLARGED SECTION - TYPICAL CASEWORK

SCALE: 1 1/2" = 1'-0"

0' 6" 1' 18"



2 A-417 ENLARGED SECTION - TYP CASEWORK W SINK

SCALE: 1 1/2" = 1'-0"

0' 6" 1' 18"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

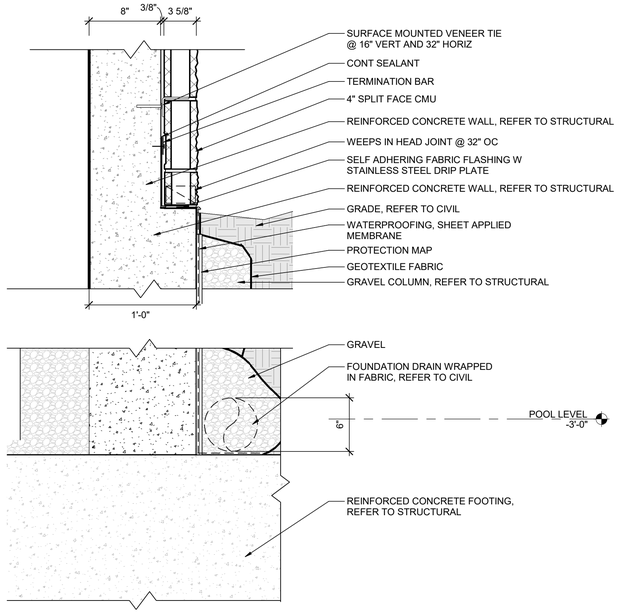
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

ENLARGED SECTIONS - MISC

SHT. NO.	REV. NO.
A-417	0

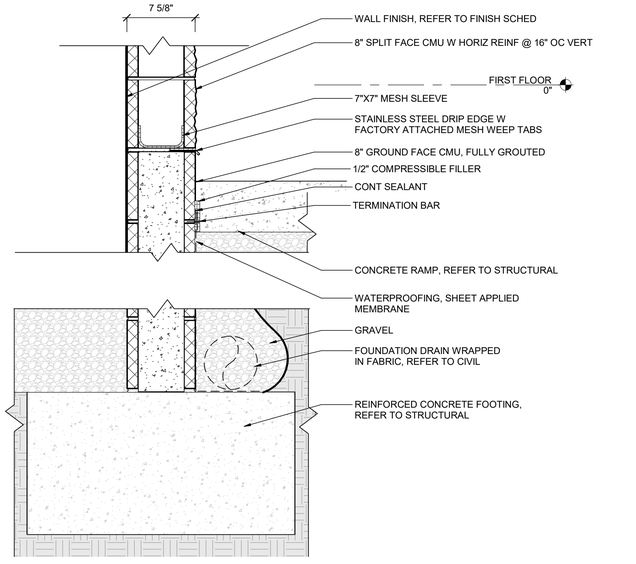
5/14/2025 6:27:14 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



C6 FOUNDATION DETAIL 1 - POOL FACILITIES BLDG

A-303 | A-501 SCALE: 1 1/2" = 1'-0"

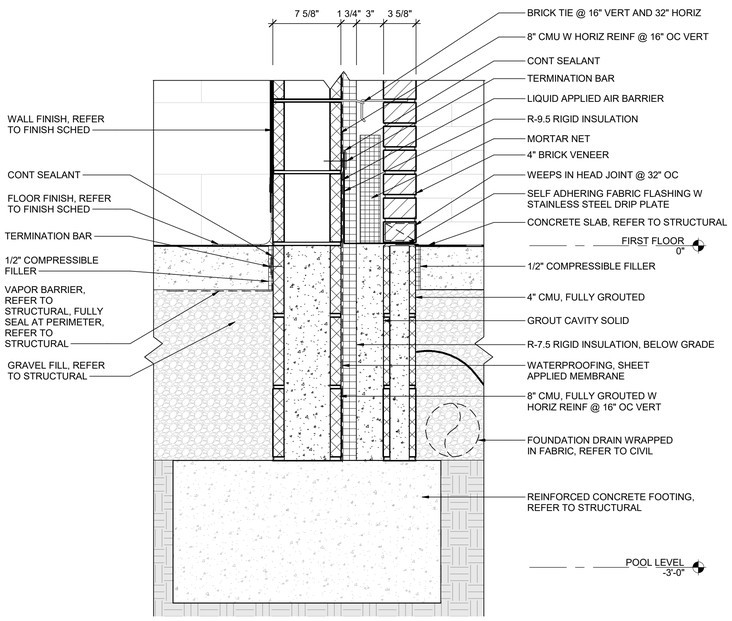
0' 3" 6" 9"



C4 FOUNDATION DETAIL 2 - POOL FACILITIES BLDG

A-304 | A-501 SCALE: 1 1/2" = 1'-0"

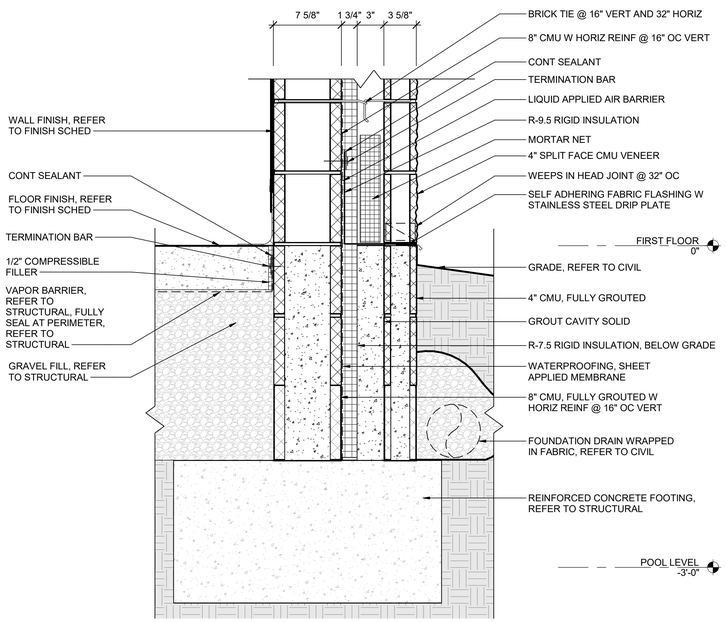
0' 3" 6" 9"



A6 FOUNDATION DETAIL 1 - POOL ADMIN BLDG

A-306 | A-501 SCALE: 1 1/2" = 1'-0"

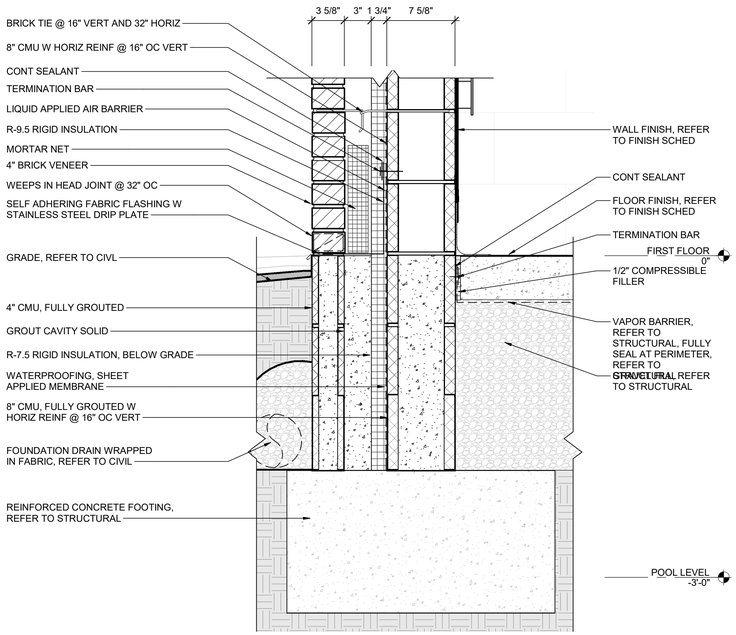
0' 3" 6" 9"



A4 FOUNDATION DETAIL 2 - POOL ADMIN BLDG

A-308 | A-501 SCALE: 1 1/2" = 1'-0"

0' 3" 6" 9"



A2 FOUNDATION DETAIL 3 - POOL ADMIN BLDG

A-308 | A-501 SCALE: 1 1/2" = 1'-0"

0' 3" 6" 9"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

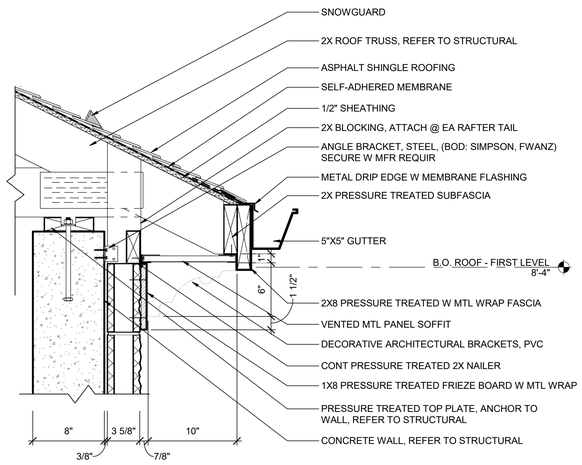
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

FOUNDATION FLASHING DETAILS

SHT. NO.	REV. NO.
A-501	0

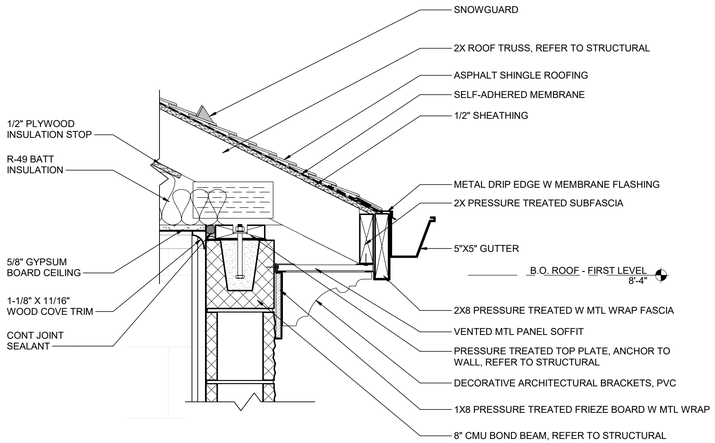
5/14/2025 6:27:16 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



C6 ROOF DETAIL 1 - POOL FACILITIES BLDG

A-303 | A-502 SCALE: 1 1/2" = 1'-0"

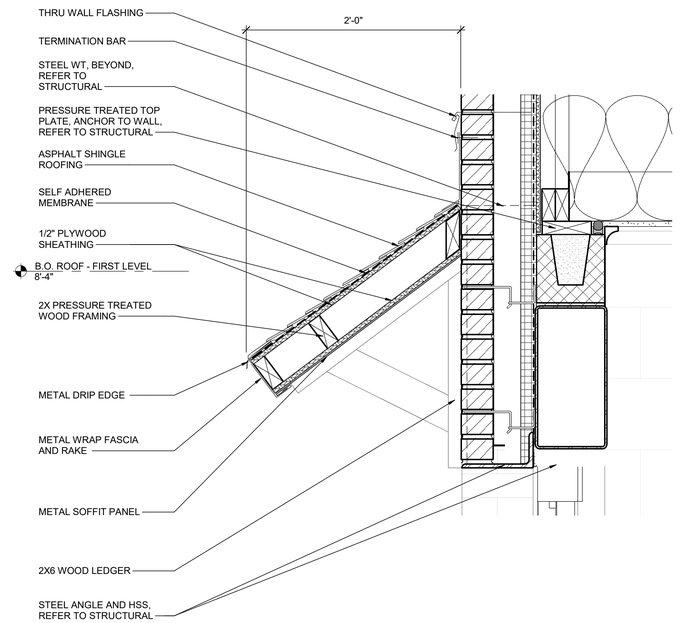
0' 6" 1' 18"



C4 ROOF DETAIL 2 - POOL FACILITIES BLDG

A-304 | A-502 SCALE: 1 1/2" = 1'-0"

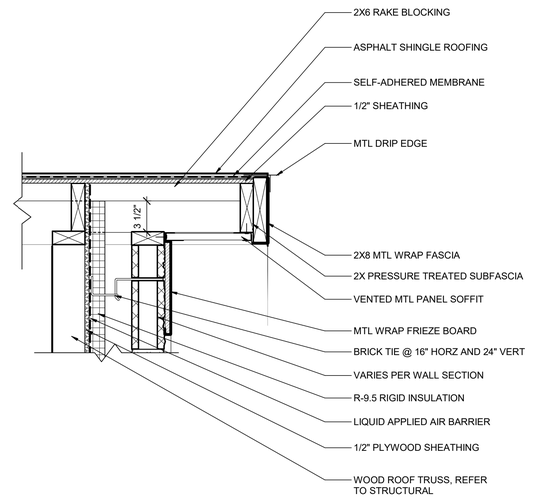
0' 6" 1' 18"



C2 ROOF DETAIL - TYP AWNING

A-403 | A-502 SCALE: 1 1/2" = 1'-0"

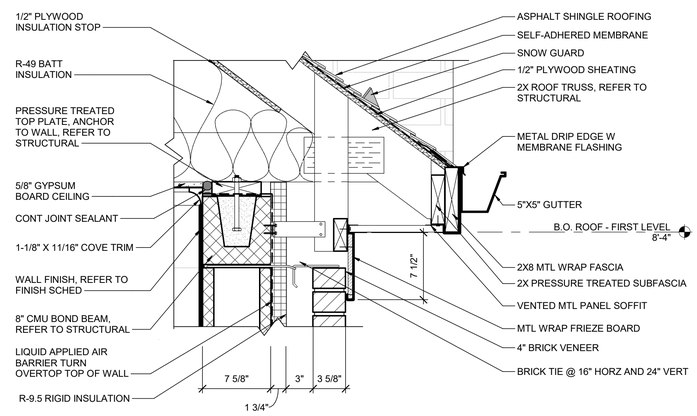
0' 6" 1' 18"



A6 ROOF DETAIL 1 - POOL ADMINISTRATION BLDG

A-308 | A-502 SCALE: 1 1/2" = 1'-0"

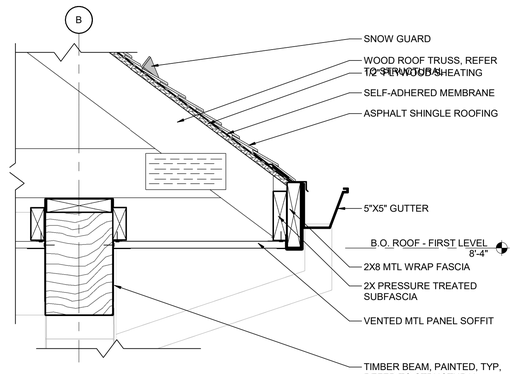
0' 6" 1' 18"



A4 ROOF DETAIL 2 - POOL ADMINISTRATION BLDG

A-306 | A-502 SCALE: 1 1/2" = 1'-0"

0' 6" 1' 18"



A2 ROOF DETAIL 4 - POOL ADMINISTRATION BLDG

A-307 | A-502 SCALE: 1 1/2" = 1'-0"

0' 6" 1' 18"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

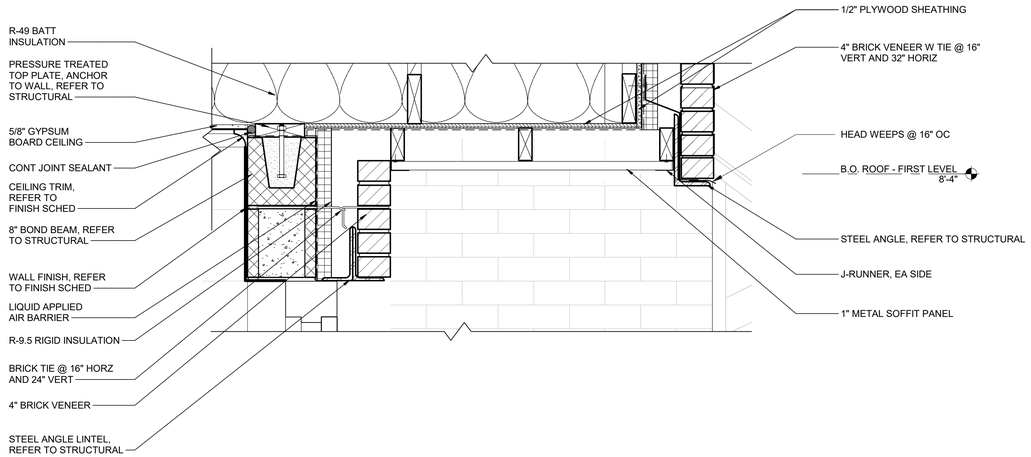
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

ROOF DETAILS

SHT. NO.	REV. NO.
A-502	0

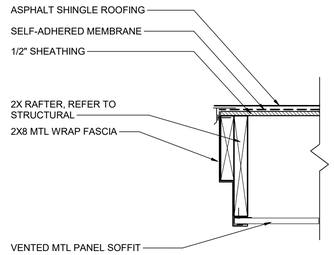
5/14/2025 6:27:18 PM
C:\Users\merv\OneDrive - wileywilson.com\Documents\240163_R23_A_merv(@wileywilson.com.rvt



C6 SOFFIT DETAIL 1 - POOL ADMINISTRATION BLDG

A-306 | A-503 SCALE: 1 1/2" = 1'-0"

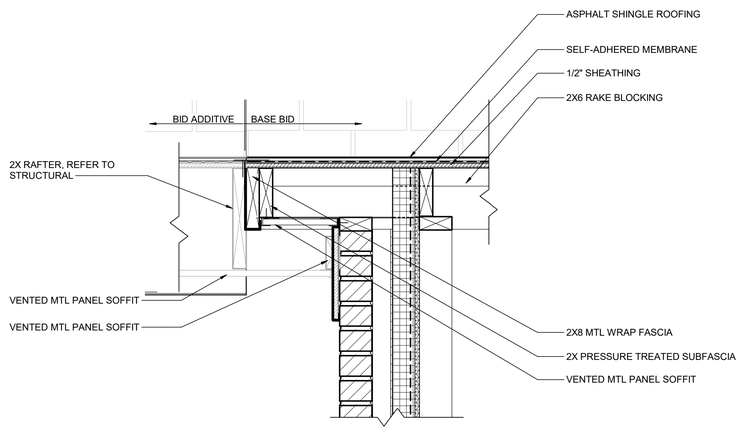
0' 3" 6" 9"



C3 SOFFIT DETAIL 2 - POOL ADMINISTRATION BLDG

A-301 | A-503 SCALE: 1 1/2" = 1'-0"

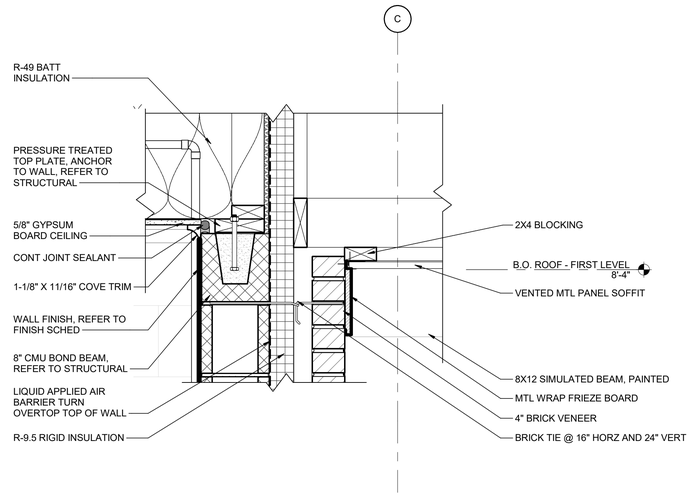
0' 3" 6" 9"



A6 SOFFIT DETAIL 3 - POOL ADMINISTRATION BLDG

A-306 | A-503 SCALE: 1 1/2" = 1'-0"

0' 3" 6" 9"



A3 SOFFIT DETAIL 4 - POOL ADMINISTRATION BLDG

A-307 | A-503 SCALE: 1 1/2" = 1'-0"

0' 3" 6" 9"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

SOFFIT DETAILS

SHT. NO.	REV. NO.
A-503	0

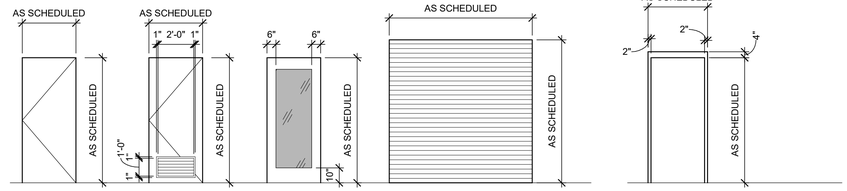
5/14/2025 6:27:20 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt

DOOR SCHEDULE

DOOR NO	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THCK	DOOR MATL	DOOR TYPE	FRAME MATL	FRAME TYPE	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SILL	COMMENTS
100	3'-0"	7'-0"	1 3/4"	FIBERGLASS	F	FIBERGLASS	F1	DH2	DJ2	DS2	
101	3'-0"	7'-0"	1 3/4"	FIBERGLASS	L	FIBERGLASS	F1	DH1	DJ1	DS1	
102	3'-0"	7'-0"	1 3/4"	FIBERGLASS	F	FIBERGLASS	F1	DH1	DJ1	DS1	
103	3'-0"	7'-0"	1 3/4"	FIBERGLASS	L	FIBERGLASS	F1	DH1	DJ1	DS1	
104	3'-0"	7'-0"	1 3/4"	FIBERGLASS	F	FIBERGLASS	F1	DH1	DJ1	DS1	
104A	2'-8"	7'-0"	1 3/4"	FIBERGLASS	F	FIBERGLASS	F1	DH1	DJ1	DS1	1" UNDERCUT
104B	2'-8"	7'-0"	1 3/4"	FIBERGLASS	F	FIBERGLASS	F1	DH1	DJ1	DS1	1" UNDERCUT
105	3'-0"	7'-0"	1 3/4"	FIBERGLASS	L	FIBERGLASS	F1	DH1	DJ1	DS1	
106	3'-0"	7'-0"	1 3/4"	FIBERGLASS	F	FIBERGLASS	F1	DH1	DJ1	DS1	
107	3'-0"	7'-0"	1 3/4"	FIBERGLASS	L	FIBERGLASS	F1	DH1	DJ1	DS1	
108	3'-0 3/4"	7'-1 1/2"	1 3/4"	AL/SF	FG	AL/SF		SFH1	SFJ1	SFS1	

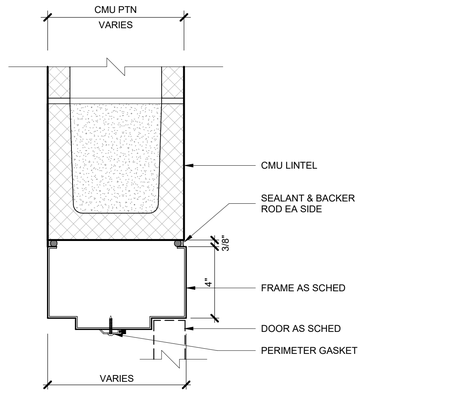
DOOR SCHEDULE

DOOR NO	DOOR SIZE WIDTH	DOOR SIZE HEIGHT	DOOR SIZE THCK	DOOR MATL	DOOR TYPE	FRAME MATL	FRAME TYPE	FRAME DETAIL HEAD	FRAME DETAIL JAMB	FRAME DETAIL SILL	COMMENTS
109	3'-0"	7'-0"	1 3/4"	FIBERGLASS	L	FIBERGLASS	F1	DH1	DJ1	DS1	
110	3'-0"	7'-0"	1 3/4"	FIBERGLASS	F	FIBERGLASS	F1	DH1	DJ1	DS1	
110A	3'-0"	7'-0"	1 3/4"	FIBERGLASS	F	FIBERGLASS	F1	DH1	DJ1	DS1	
111	3'-0"	7'-0"	1 3/4"	FIBERGLASS	L	FIBERGLASS	F1	DH1	DJ1	DS1	
112	3'-0"	7'-0"	1 3/4"	FIBERGLASS	F	FIBERGLASS	F1	DH2	DJ2	DS2	
113	3'-0"	7'-0"	1 3/4"	FIBERGLASS	L	FIBERGLASS	F1	DH1	DJ1	DS1	
115	3'-0"	7'-0"	1 3/4"	FIBERGLASS	L	FIBERGLASS	F1	DH1	DJ1	DS1	
117A	8'-0"	8'-0"	2"	FIBERGLASS	OH	FIBERGLASS	F2	DH3	DJ3	DS3	
117B	3'-0"	7'-0"	1 3/4"	FIBERGLASS	L	FIBERGLASS	F1	DH1	DJ1	DS1	
119	4'-0"	8'-0"	2"	FIBERGLASS	OH	FIBERGLASS	F2	DH3	DJ3	DS3	



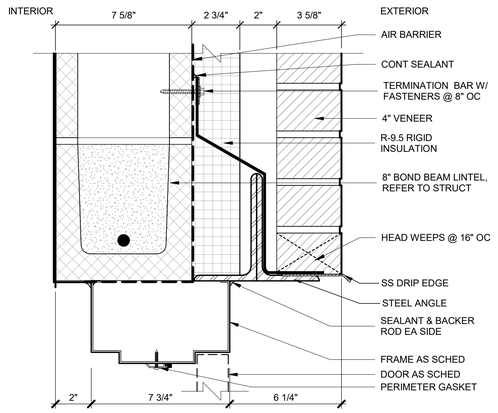
DOOR TYPES

FRAME TYPES



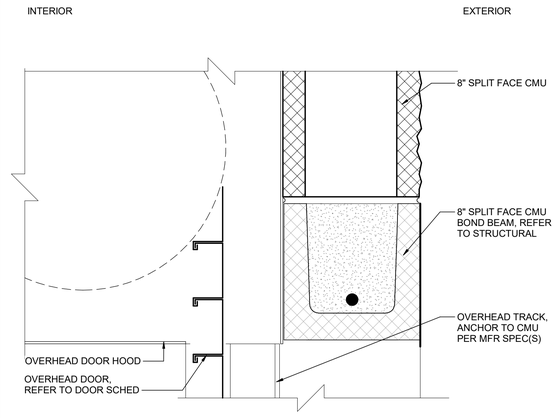
DH1 - DOOR HEAD DETAIL

SCALE: 3" = 1'-0"



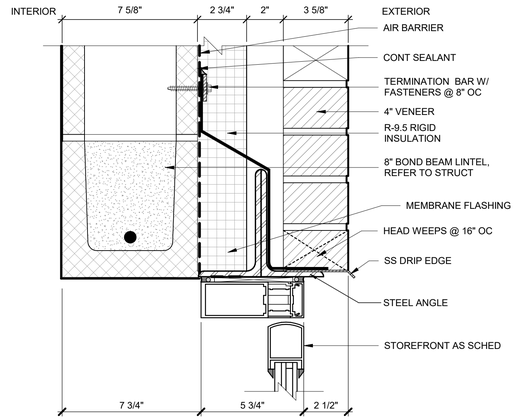
DH2 - DOOR HEAD DETAIL

SCALE: 3" = 1'-0"



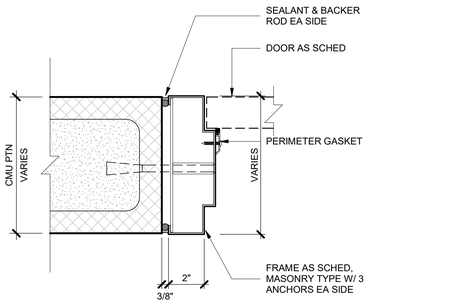
DH3 - OVERHEAD DOOR HEAD DETAIL

SCALE: 3" = 1'-0"



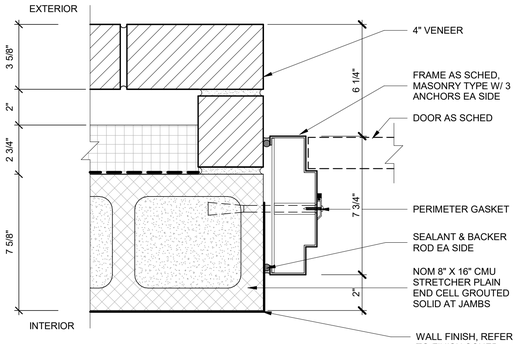
SFH1 - STOREFRONT HEAD DETAIL

SCALE: 3" = 1'-0"



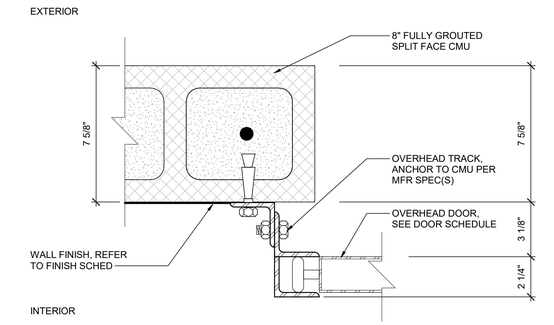
DJ1 - DOOR JAMB DETAIL

SCALE: 3" = 1'-0"



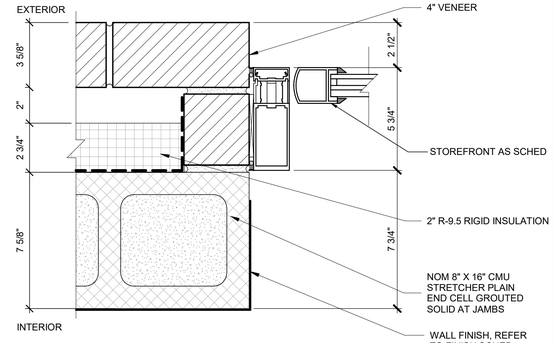
DJ2 - DOOR JAMB DETAIL

SCALE: 3" = 1'-0"



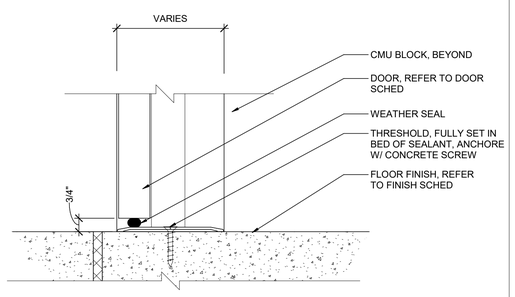
DJ3 - OVERHEAD DOOR JAMB DETAIL

SCALE: 3" = 1'-0"



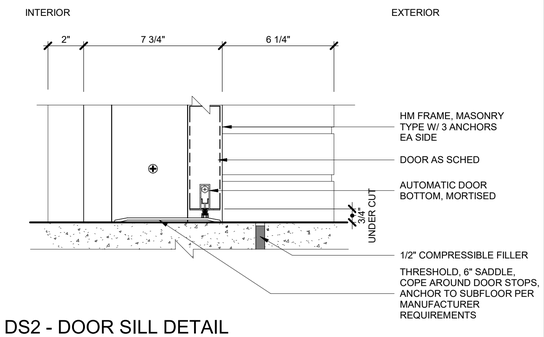
SFJ1 - STOREFRONT JAMB DETAIL

SCALE: 3" = 1'-0"



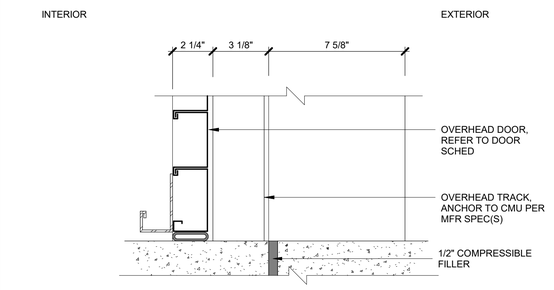
DS1 - DOOR SILL DETAIL

SCALE: 3" = 1'-0"



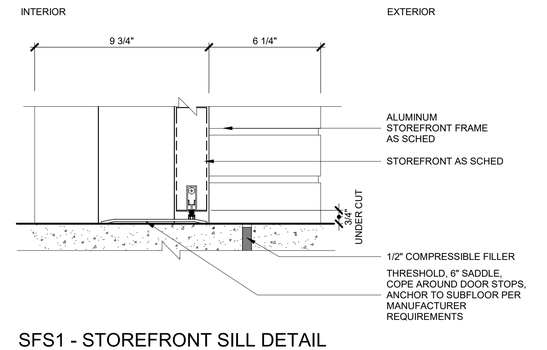
DS2 - DOOR SILL DETAIL

SCALE: 3" = 1'-0"



DS3 - OVERHEAD DOOR SILL DETAIL

SCALE: 3" = 1'-0"



SFS1 - STOREFRONT SILL DETAIL

SCALE: 3" = 1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

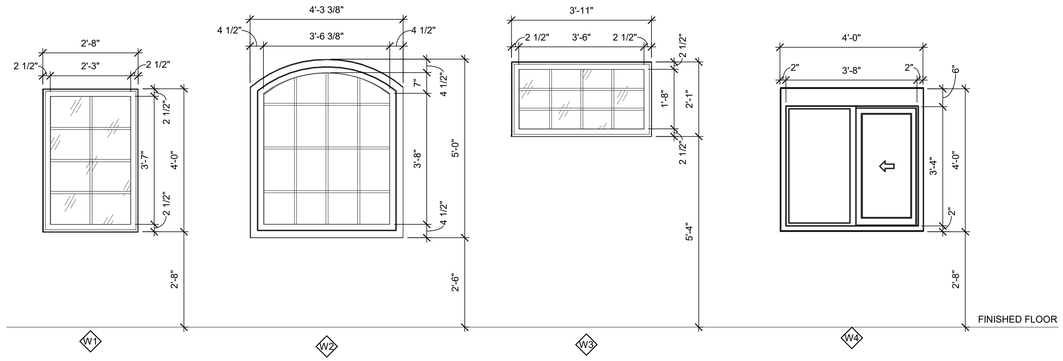
DOOR SCHEDULE, ELEVATIONS, AND DETAILS

SHT. NO.	REV. NO.
A-601	0

5/14/2025 6:27:21 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt

WINDOW SCHEDULE

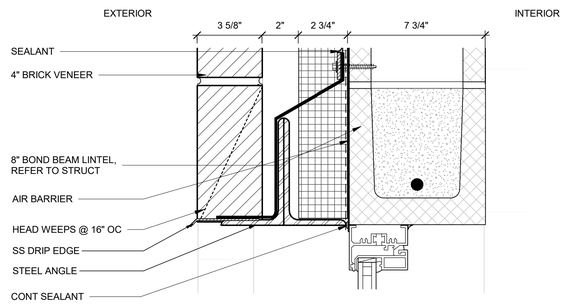
WINDOW NUMBER	HEIGHT	WIDTH	FRAME - MATERIAL	DETAILS			COMMENTS
				HEAD	JAMB	SILL	
W1	4'-0"	2'-8"	FIBERGLASS	WH1	WJ1	WS1	
W2	4'-0"	4'-0"	FIBERGLASS	WH2	WJ2	WS2	ARCHED
W3	2'-1"	3'-11"	FIBERGLASS	WH1	WJ1	WS1	
W4	4'-0"	4'-0"	ALUMNIUM	WH3	WJ3	WS3	SLIDING TRANSATION WINDOW



WINDOW TYPES

SCALE: 1/2" = 1'-0"

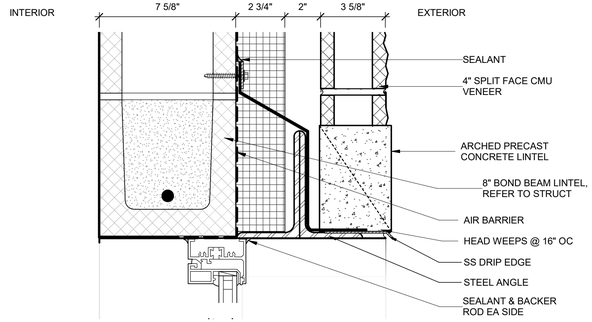
0' 1' 2' 4'



WH1 - WINDOW HEAD DETAIL

SCALE: 3" = 1'-0"

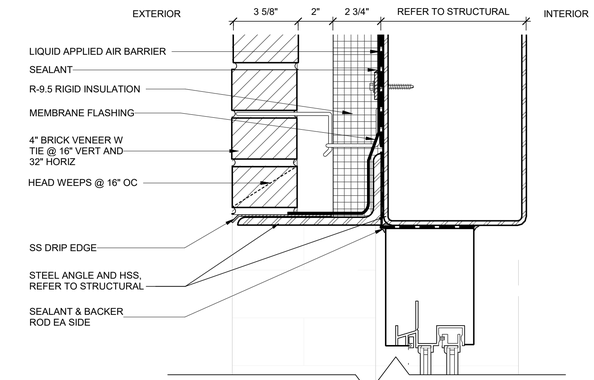
0' 3" 6" 9"



WH2 - WINDOW HEAD DETAIL

SCALE: 3" = 1'-0"

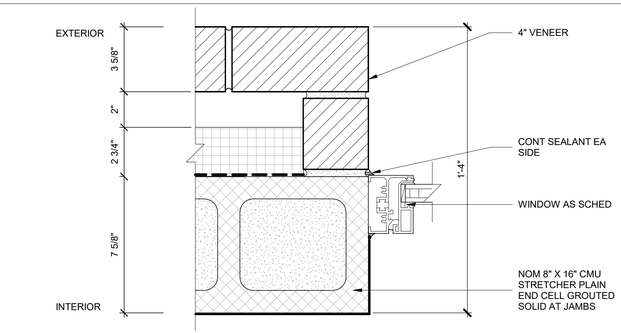
0' 3" 6" 9"



WH3 - WINDOW HEAD DETAIL

SCALE: 3" = 1'-0"

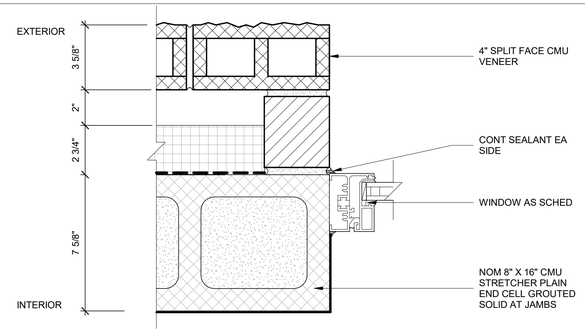
0' 3" 6" 9"



WJ1 - WINDOW JAMB DETAIL

SCALE: 3" = 1'-0"

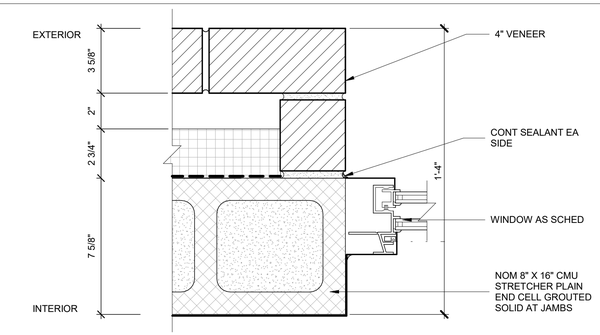
0' 3" 6" 9"



WJ2 - WINDOW JAMB DETAIL

SCALE: 3" = 1'-0"

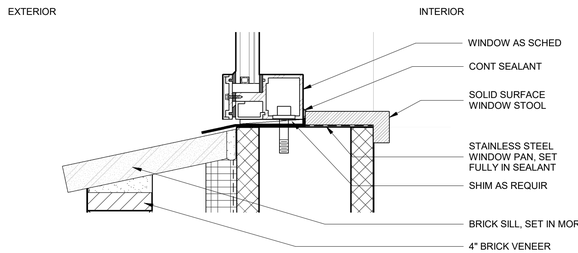
0' 3" 6" 9"



WJ3 - WINDOW JAMB DETAIL

SCALE: 3" = 1'-0"

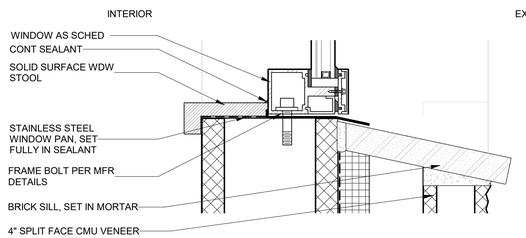
0' 3" 6" 9"



WS1 - WINDOW SILL DETAIL

SCALE: 3" = 1'-0"

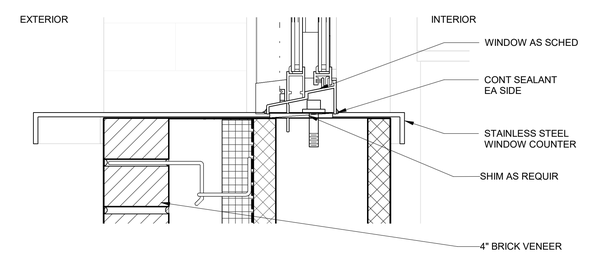
0' 3" 6" 9"



WS2 - WINDOW SILL DETAIL

SCALE: 3" = 1'-0"

0' 3" 6" 9"



WS3 - WINDOW SILL DETAIL

SCALE: 3" = 1'-0"

0' 3" 6" 9"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

WINDOW SCHEDULE, ELEVATIONS, AND DETAILS

SHT. NO.	REV. NO.
A-602	0

5/14/2025 6:27:24 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt

INTERIOR FINISH LEGEND

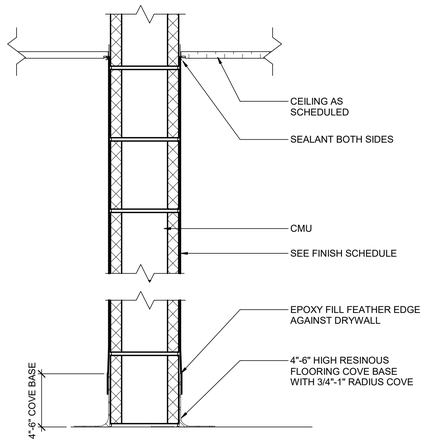
TAG	MATERIAL	MANUFACTURER	MODEL/COLOR	DESCRIPTION	COMMENTS
CEILING					
CP-1	CEILING PAINT	SHERWIN-WILLIAMS	INTERIOR LATEX PAINT / SW 7005 PURE WHITE, FLAT	1 COAT PRIMER, 2 COATS ACRYLIC LATEX PAINT	ON GYPSUM CEILING BOARD
CP-2	CEILING PAINT	SHERWIN-WILLIAMS	SHER-LOXANE 800 / SW 7005 PURE WHITE, FLAT	1-2 COATS PRIMER, 1-2 COATS OF MACROPOXY 646, 1 COAT OF SHER-LOXANE 800	EPOXY COATING SYSTEM ON MOLD-RESISTANT GYP BOARD
CT	CEILING TRIM	ALEXANDRIA MOULDING	WM 94, 1-1/8" X 11/16" WOOD COVE TRIM	PAINT AND PRIMER TO MATCH CEILING FINISH OF EACH ROOM	APPLY IN CEILING OF EVERY ROOM
FLOOR					
RF	RESINOUS FLOORING SYSTEM	SHERWIN-WILLIAMS	FASTOP DECO FLAKE SL45 / 1/8" FLAKE, ALMOND MILK	HYBRI-FLEX AQ SYSTEM	W INTEGRATED COVE BASE
CS	SEALED CONCRETE	SHERWIN-WILLIAMS	CEMLACK CONCRETE SEALER, CLEAR	1 COAT	USE ON FLOOR NOT RECEIVING RESINOUS FLOORING
WALL					
PT-1	PAINT	SHERWIN-WILLIAMS	INTERIOR ACRYLIC LATEX PAINT / SW 7666 FLEUR DE SEL, SEMI-GLOSS	1 BASE COAT PRIMER, 2 TOP COATS ACRYLIC LATEX PAINT	USE BLOCK FILLER PRIMER FOR CMU SURFACES
PT-3	PAINT	SHERWIN-WILLIAMS	SHER-LOXANE 800 / SW 7666 FLEUR DE SEL, SEMI-GLOSS	1 BASE COAT BLOCK FILLER, 1-2 COATS MACROPOXY 646, 1 TOP COAT SHER-LOXANE 800	EPOXY COATING SYSTEM
PT-4	PAINT	SHERWIN-WILLIAMS	SHER-LOXANE 800 / SW 6219 RAIN, SEMI-GLOSS	1 BASE COAT BLOCK FILLER, 1-2 COATS MACROPOXY 646, 1 TOP COAT SHER-LOXANE 800	EPOXY COATING SYSTEM
PT-2	PAINT	SHERWIN-WILLIAMS	INTERIOR ACRYLIC LATEX PAINT / SW 6219 RAIN, SEMI-GLOSS	1 BASE COAT PRIMER, 2 TOP COATS ACRYLIC LATEX PAINT	USE BLOCK FILLER PRIMER FOR CMU SURFACES

ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	WALL				CEILING	REMARKS
			NORTH	SOUTH	EAST	WEST		
100	VEST	RF	PT-1	PT-1	PT-1	PT-1	CP-1	
101	JANITOR	RF	PT-3	PT-3	PT-3	PT-3	CP-2	EPOXIED WET ROOM
102	TELLER OFFICE	RF	PT-1	PT-2	PT-1	PT-1	CP-1	
103	UNISEX - SH/CH	RF	PT-3	PT-3	PT-3	PT-4	CP-2	EPOXIED WET ROOM
104	MANAGER OFFICE	RF	PT-2	PT-1	PT-1	PT-1	CP-1	
104A	CLOSET	RF	PT-1	PT-1	PT-1	PT-1	CP-1	
104B	COMMS	RF	PT-1	PT-1	PT-1	PT-1	CP-1	
105	UNISEX - SH/CH (ADA)	RF	PT-4	PT-3	PT-3	PT-3	CP-2	EPOXIED WET ROOM
106	STAFF UNISEX - CH (ADA)	RF	PT-3	PT-3	PT-4	PT-3	CP-2	EPOXIED WET ROOM
107	UNISEX - CH (ADA)	RF	PT-4	PT-3	PT-3	PT-3	CP-2	EPOXIED WET ROOM
108	STAFF BREAK	RF	PT-2	PT-1	PT-1	PT-1	CP-1	
109	UNISEX - CH (ADA)	RF	PT-4	PT-3	PT-3	PT-3	CP-2	EPOXIED WET ROOM
110	CONCESSIONS	RF	PT-4	PT-3	PT-3	PT-3	CP-2	EPOXIED WET ROOM
110A	STORAGE	RF	PT-3	PT-3	PT-3	PT-3	CP-2	EPOXIED WET ROOM
111	UNISEX - SH/CH (ADA)	RF	PT-4	PT-3	PT-3	PT-3	CP-2	EPOXIED WET ROOM
112	UTILITY	RF	PT-1	PT-1	PT-1	PT-1	CP-1	
113	UNISEX - SH/CH	RF	PT-3	PT-3	PT-4	PT-3	CP-2	EPOXIED WET ROOM
115	UNISEX - CH	RF	PT-3	PT-3	PT-4	PT-3	CP-2	EPOXIED WET ROOM
117	LARGE STORAGE	CS	PT-3	PT-3	PT-3	PT-3	CP-2	EPOXIED WET ROOM
119	LAWN STORAGE	CS	PT-3	PT-3	PT-3	PT-3	CP-2	EPOXIED WET ROOM
120	Room							
121	Room							

EXTERIOR FINISH SCHEDULE

EXTERIOR ITEM	MANUFACTUER	MODEL/COLOR	DESCRIPTION
BRICK	GLEN-GERY CORP.	ROYAL PLUM FULL RANGE	
SPLIT FACE CMU	NITTERHOUSE	CONCRETE BRICK; A-13	
GROUND FACE CMU	NITTERHOUSE	GROUND FACE CONCRETE BRICK; A-13	
WOOD	SHERWIN-WILLIAMS	SW7674, PEPPERCORN	HIGH PERFORMANCE ARCHITECTURAL LATEX SYSTEM
DOORS, DOOR FRAMES, DOOR LOUVERS	SHERWIN-WILLIAMS	SW7674, PEPPERCORN	HIGH PERFORMANCE ARCHITECTURAL LATEX SYSTEM
TRIM	SHERWIN-WILLIAMS	SW 7006, EXTRA WHITE	HIGH PERFORMANCE ARCHITECTURAL LATEX SYSTEM
BRACKETS	SHERWIN-WILLIAMS	SW 7006, EXTRA WHITE	HIGH PERFORMANCE ARCHITECTURAL LATEX SYSTEM
GUTTERS		WHITE	
DOWNSPOUTS		WHITE	
SHINGLES	GAF	TIMBERLINE HDZ, APPALACHIAN SKY	
RAILING		POWDERCOATED BLACK	
ROOF LOUVERS		WHITE	
LIGHT FIXTURES		DARK BRONZE	
ROOM SIGNAGE		COMPOSITE SHEET, PHOTOPOLYMER AND ALUMNIUM	EXTERIOR RATED, UV AND WATER RESISTANT
CONCRETE RETAINING WALL	SHERWIN-WILLIAMS	CLEAR	HIGH-BUILD LATEX SYSTEM
SIDEWALK CONCRETE		MATCH EXISTING POOL DECK CONCRETE COLOR	
DOOR HARDWARE		REFER TO SPECIFICATIONS	
STOREFRONT		WHITE	
MORTAR	GLEN-GERY CORP.	G-601	



M00	CMU PARTITION					
TYPE MARK	WIDTH	CMU SIZE	FIRE RATING	STC RATING	UL FILE NO.	NOTES
M00A	3 5/8"	4"	N/A	N/A	N/A	
M00B	5 5/8"	6"	N/A	N/A	N/A	
M00C	7 5/8"	8"	N/A	N/A	N/A	

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

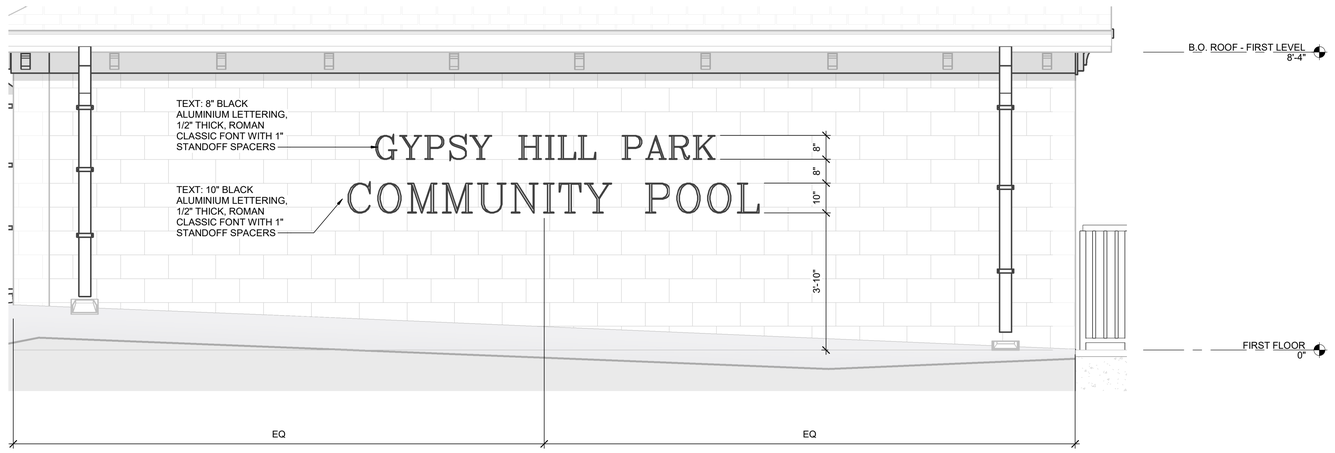
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

PARTITION AND FINISH SCHEDULE

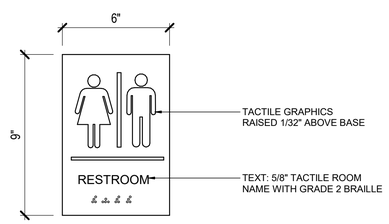
SHT. NO.	REV. NO.
A-603	0

5/14/2025 6:27:25 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt

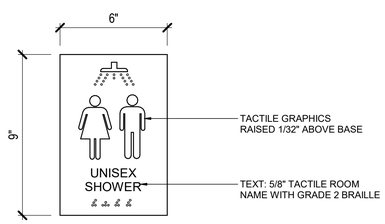


EXTERIOR BUILDING SIGNAGE DETAILS

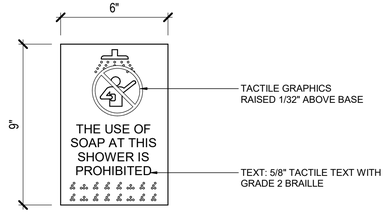
SCALE: 1/2" = 1'-0"



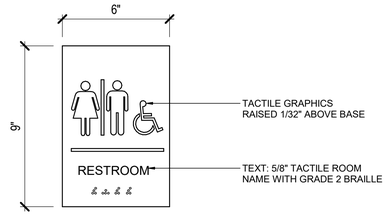
SIGN TYPE R1
UNISEX RESTROOM



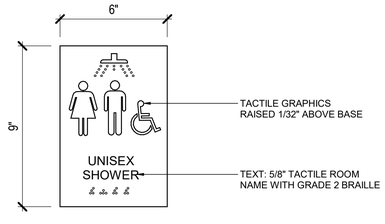
SIGN TYPE R2
UNISEX SHOWER



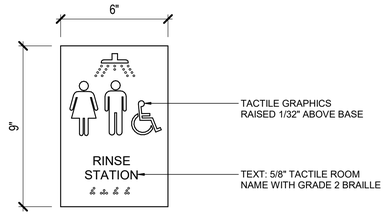
SIGN TYPE RS1
RINSE STATION



SIGN TYPE R3
UNISEX RESTROOM
W ADA



SIGN TYPE R4
UNISEX SHOWER
W ADA



SIGN TYPE RS2
RINSE STATION
W ADA

SIGNAGE TYPICAL DETAILS

SCALE: 3" = 1'-0"

GENERAL SHEET NOTES

A. SIGNS SHOWN ARE TYPICAL. PROVIDE SIGNS MEETING ALL REQUIREMENTS OF THE A117.1 ACCESSIBILITY GUIDELINES.

B. SIGN SIZES INDICIATED ARE TYPICAL. PROVIDE MANUFACTURER STANDARD SIGNS WITH DIMENSIONS SIMILAR TO SIZES INDICATED.

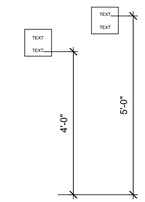
C. SIGN INSTALLATION HEIGHT AND LOCATION MUST BE AS PER ALL REQUIREMENT OF THE A117.1 ACCESSIBILITY GUIDELINES.

D. INSTALL SIGNS AS PER MANUFACTURER WRITTEN INSTALLATION INSTRUCTIONS.

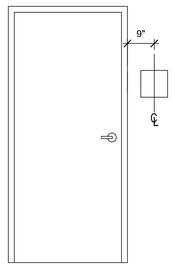
E. PRIOR TO ORDERING ANY MATERIAL, PROVIDE SIGN SUBMITTALS INDICATING SIGNAGE MATERIAL, COLORS, LETTER SIZE AND HEIGHT, AND ALL OTHER SALIENT FEATURES. SUBMITTED COLORS SHALL BE COORDINATED WITH THE ARCHITECTURAL FINISH SCHEDULE. ADDITIONALLY, SUBMIT PROPOSED ROOM NUMBERS AND ROOM NAMES.

MINIMUM HEIGHT - 4'-0"
FROM BASELINE OF LOWEST TACTILE CHARACTER

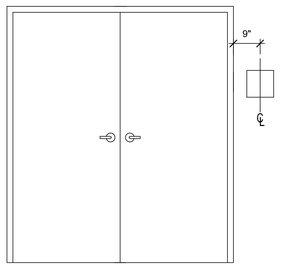
MAXIMUM HEIGHT - 5'-0"
FROM BASELINE OF HIGHEST TACTILE CHARACTER



MOUNTING HEIGHT FOR LOCATIONS WITHOUT DOORS



NOTE: MOUNT ON LATCH SIDE OF DOOR OR ADJACENT WALL.



NOTE: MOUNT ON RIGHT SIDE OF DOUBLE DOORS.

SIGNAGE MOUNTIING LOCATIONS

SCALE: 1/2" = 1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

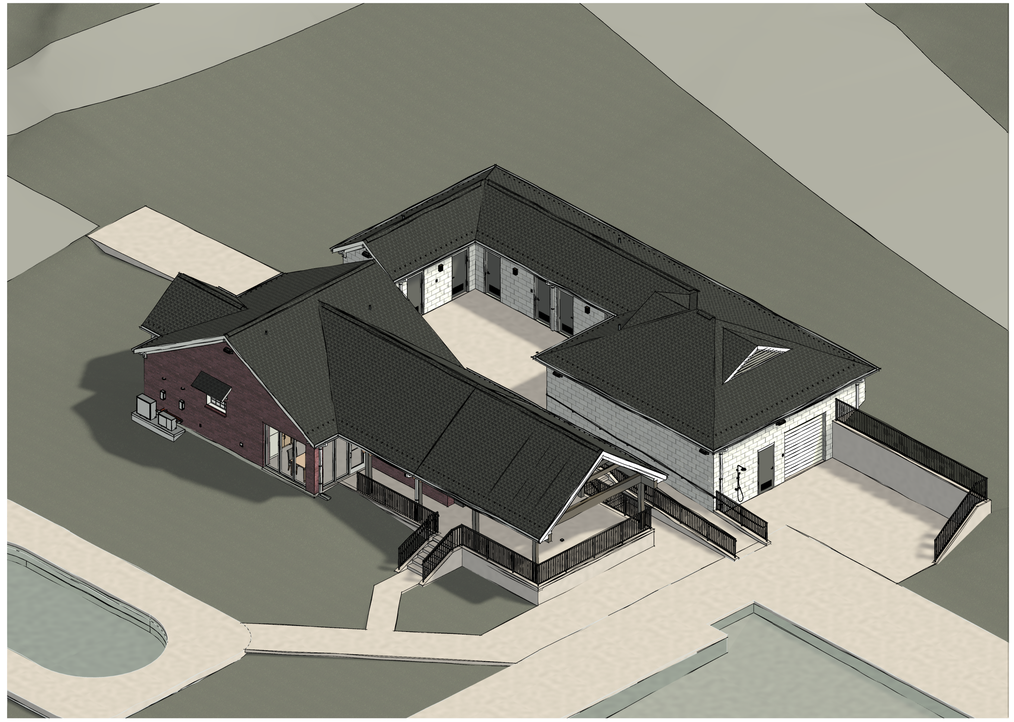
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

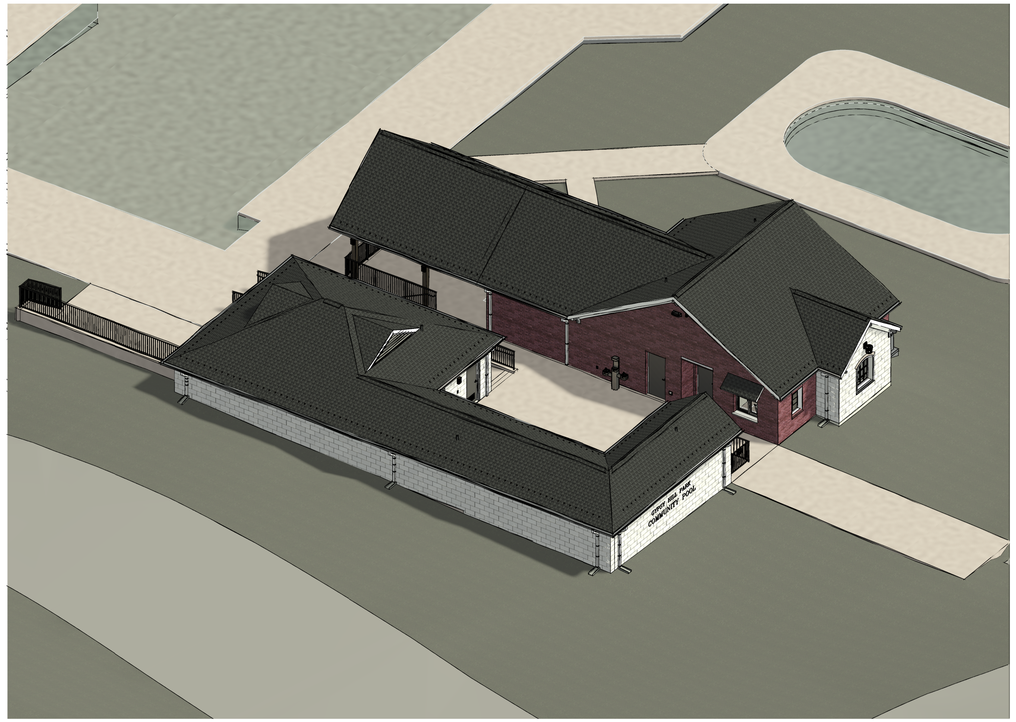
TYPICAL SIGNAGE DETAILS

SHT. NO.	REV. NO.
A-701	0

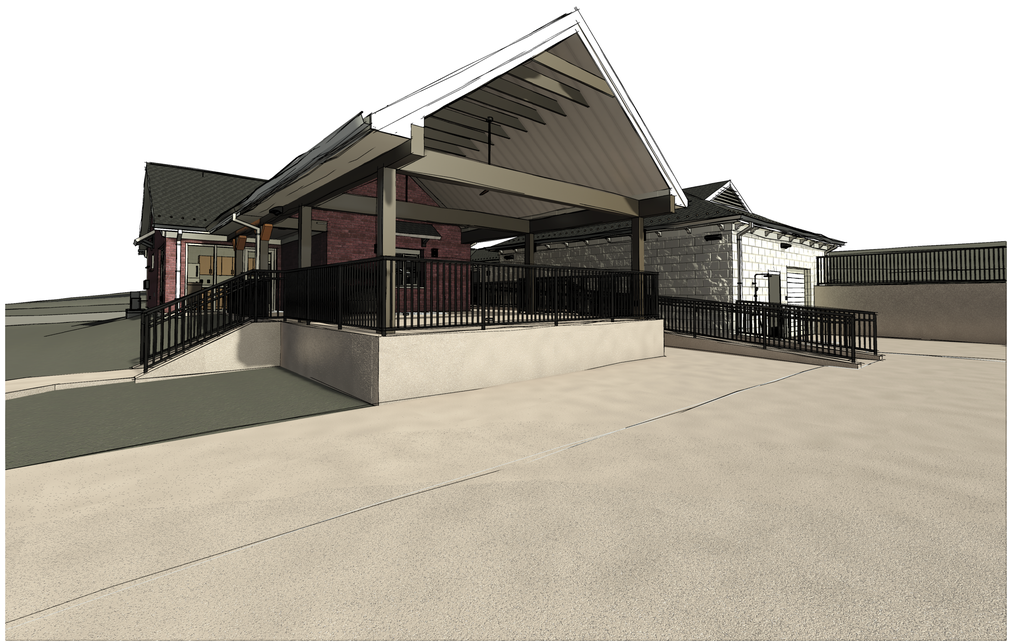
5/14/2025 6:27:27 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt



OVERALL AERIAL - BACK



OVERALL AERIAL - FRONT



POOL DECK PERSPECTIVE

ENTRY PERSPECTIVE

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
MICHAEL P. ERVI
Lic. No. 017004
05/14/2025
ARCHITECT

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ME, LC	DESIGN: ME
CHECK:	SJ

SHEET TITLE

3D EXTERIOR PERSPECTIVES

SHT. NO.	REV. NO.
A-901	0

5/14/2025 6:28:17 PM
C:\Users\mervi\OneDrive - wileywilson.com\Documents\240163_R23_A_mervi@wileywilson.com.rvt

MECHANICAL ABBREVIATIONS

(D)	DEMOLISH
(E)	EXISTING ELEMENT TO REMAIN
ACC	AIR COOLED CHILLER
ACU	AIR CONDITIONING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFMS	AIR FLOW MEASUREMENT STATION
AHU	AIR HANDLING UNIT
AI	ANALOG INPUT
AO	ANALOG OUTPUT
APD	AIR PRESSURE DROP
APPROX	APPROXIMATELY
ARCH	ARCHITECTURE
AS	AIR SEPARATOR
ATFP	ANTI-TERRORISM / FORCE PROTECTION
BEL	BELLMOUTH FITTING
BT	BUFFER TANK
CD	CONDENSATE DRAIN
CDW	CONDENSER WATER
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CHP	CHILLED WATER PUMP
CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
CLG	COOLING OR CEILING
CO	CLEANOUT
CO	CARBON MONOXIDE
CO2	CARBON DIOXIDE
COND	CONDENSATE OR CONDENSER
CT	COOLING TOWER
CU	CONDENSING UNIT
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREES
DI	DIGITAL INPUT
DN	DOWN
DO	DIGITAL OUTPUT
DOAS	DEDICATED OUTDOOR AIR SYSTEM
DP	DIFFERENTIAL PRESSURE
EA	EXHAUST AIR OR EACH
EF	EXHAUST FAN
EL	ELEVATION
ESS	EMERGENCY STOP SWITCH
EXH	EXHAUST
F OR °F	DEGREES FAHRENHEIT
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FO	FUEL OIL
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
FPM	FEET PER MINUTE
FS	FLOW SWITCH
FT	FOOT OR FEET
FZ	FREEZESTAT
GA	GAUGE
GAL	GALLON (U.S.)
GALV	GALVANIZED
H	HUMIDITY
HGI	HOODED GRAVITY INTAKE
HGR	HOODED GRAVITY RELIEF
HPC	HIGH PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
HWB	HOT WATER BOILER
HWP	HOT WATER PUMP
HWR	HEATING HOT WATER RETURN
HWS	HEATING HOT WATER SUPPLY
L	LOUVER
LPC	LOW PRESSURE CONDENSATE
LPS	LOW PRESSURE STEAM
MPC	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MVD	MANUAL VOLUME DAMPER
NC	NOISE CRITERIA OR NORMALLY CLOSED
NG	NATURAL GAS
NO	NUMBER OR NORMALLY OPEN
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OCC	OCCUPANCY
P	PRESSURE
PC	PUMPED CONDENSATE
PG	PROPANE GAS
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
RA	RETURN AIR
REF	REFRIGERANT
RH	RELATIVE HUMIDITY
RLF	RELIEF AIR
SA	SUPPLY AIR
SD	SMOKE DAMPER OR SMOKE DETECTOR
SF	SQUARE FEET
SFD	COMBINATION FIRE & SMOKE DAMPER
SP	STATIC PRESSURE
STD	STANDARD
STL	STEEL
T	TEMPERATURE
TB	TERMINAL BOX
TSTAT	THERMOSTAT
TUC	TERMINAL UNIT CONTROLLER
TYP	TYPICAL
UH	UNIT HEATER
VAV	VARIABLE AIR VOLUME
VFD	VARIABLE FREQUENCY DRIVE
VLV	VALVE
VRF	VARIABLE REFRIGERANT FLOW
W/	WITH
W/O	WITHOUT
WG	WATER GAUGE
XFER	TRANSFER

HVAC DESIGN CRITERIA

LOCATION: ROANOKE, VA

CLIMATE ZONE: 4A

OUTDOOR DESIGN

DESIGN CONDITION	TEMPERATURE DRY BULB	TEMPERATURE WET BULB	HUMIDITY RATIO (GRAINS/LB)
COOLING	92.0 °F	71.7 °F	- -
HEATING	16.0 °F	- -	- -

INDOOR DESIGN

SPACE TYPE	COOLING TEMPERATURE	COOLING RH	HEATING TEMPERATURE	HEATING RH	NOTES
POOL ADMINISTRATION BUILDING	75 °F	50 %	70 °F	- -	
POOL FACILITIES BUILDING	- -	- -	45 °F	- -	

NOTES:

1. THE POOL FACILITIES BUILDING IS NOT HEATED EXCEPT FOR 101 JANITOR. OWNER IS TO DRAIN AND WINTERIZE THE SYSTEM TO PREVENT PIPES FROM FREEZING.

HVAC AND MECHANICAL PIPING LEGEND

CONSTRUCTION PHASING

DEMO — EXISTING TO REMAIN
POINT OF DISCONNECTION
POINT OF CONNECTION
WORK IN THIS PHASE — EXISTING TO REMAIN

EXISTING TO REMAIN
DEMOLITION
WORK IN THIS PHASE
KEYNOTE

SENSORS

- T — TEMPERATURE
- H — HUMIDITY
- SD — SMOKE
- CO — CARBON MONOXIDE
- CO2 — CARBON DIOXIDE
- P — PRESSURE
- DP — DIFFERENTIAL PRESSURE
- SP — STATIC PRESSURE
- ESS — EMERGENCY STOP SWITCH
- OCC — OCCUPANCY

AIR TERMINAL TAGS

S=SUPPLY E=EXHAUST
R=RETURN T=TRANSFER
NUMBER: UNIT DESIGNATION
NECK SIZE:
A=6" D=12"
B=8" E=14"
C=10" F=16"
S2C / 150
NUMBER: AIRFLOW

S=SUPPLY E=EXHAUST
R=RETURN T=TRANSFER
NUMBER: UNIT DESIGNATION
R-1 / WxH / 150
SIZE: WIDTH x HEIGHT
NUMBER: AIRFLOW

PIPING SYSTEMS

CHR	CHILLED WATER RETURN
CHS	CHILLED WATER SUPPLY
CD	CONDENSATE DRAIN
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
FOR	FUEL OIL RETURN
FOS	FUEL OIL SUPPLY
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
NG	NATURAL GAS
PG	PROPANE GAS
REF	REFRIGERANT
PC	PUMPED CONDENSATE
HPC	HIGH PRESSURE CONDENSATE
MPC	MEDIUM PRESSURE CONDENSATE
LPC	LOW PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
MPS	MEDIUM PRESSURE STEAM
LPS	LOW PRESSURE STEAM

DUCT SYSTEMS

	DOWN	UP	DUCT DIMENSIONS
SUPPLY DUCT	☒	☒	12"x10" RECTANGULAR
RETURN DUCT	⧸	⧸	12"ø ROUND DUCT
EXHAUST DUCT	☒	☒	23"/10" OVAL DUCT

DUCT ACCESSORIES

- DAMPER, MANUAL BALANCING
- DAMPER, BACKDRAFT
- M — DAMPER, CONTROL
- F — DAMPER, FIRE
- S — DAMPER, SMOKE
- FS — DAMPER, FIRE & SMOKE
- SECURITY BARS
- AFMS — AIRFLOW MONITORING STATION
- FLEXIBLE DUCT

RECTANGULAR DUCT FITTINGS

MITERED / RADIUS
90 DEG BEND
45 DEG BEND
DOWN
UP

ROUND DUCT FITTINGS

45 DEG BEND
90 DEG BEND
DOWN
UP

OVAL DUCT FITTINGS

MITERED / GORED
90 DEG BEND
45 DEG BEND
DOWN
UP

PIPE ACCESSORIES

- VALVE, BALL, MANUAL
- VALVE, BALL, CONTROL
- VALVE, BUTTERFLY, MANUAL
- VALVE, BUTTERFLY, CONTROL
- VALVE, CHECK
- VALVE, GATE
- VALVE, GLOBE
- VALVE, BALANCING
- WYE STRAINER

PIPE FITTINGS

- TEE
- TEE UP
- TEE DN
- 90 DEG ELBOW
- 45 DEG ELBOW
- PIPE UP
- PIPE DN
- REDUCER, CONCENTRIC
- REDUCER, ECCENTRIC
- FLANGE JOINT
- BLIND FLANGE
- PIPE CAP

MECHANICAL GENERAL NOTES

GENERAL

1. REFER TO EACH DRAWING FOR NOTES SPECIFIC TO THAT DRAWING SHEET.
2. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND INDICATE THE GENERAL AND APPROXIMATE LOCATION OF EQUIPMENT, PIPING AND DUCTWORK. DO NOT SCALE DRAWINGS. THEY ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. A COMPLETE HEATING, VENTILATING AND AIR CONDITIONING SYSTEM (HVAC) WITH ALL NECESSARY EQUIPMENT, APPURTENANCES AND CONTROLS MUST BE PROVIDED. THE CONTRACTOR MUST CAREFULLY REVIEW ALL THE CONTRACT DOCUMENTS AND COORDINATE BETWEEN ALL TRADES PRIOR TO SUBMITTING SHOP DRAWINGS. THE CONTRACTOR MUST VERIFY ALL SIZES, MATERIALS, TEMPERATURE AND PRESSURE RATINGS BEFORE ORDERING OR INSTALLING ANY MATERIALS OR EQUIPMENT. THE CONTRACTOR MUST PREPARE INSTALLATION INSTRUCTIONS AND FABRICATION DRAWINGS PRIOR TO ACTUAL INSTALLATION.
3. ALL MECHANICAL EQUIPMENT AND ACCESSORIES MUST BE INSTALLED IN STRICT ACCORDANCE WITH THE CURRENT APPROVED EDITION OF THE INTERNATIONAL MECHANICAL CODE (IMC) AND ALL OTHER APPLICABLE LOCAL CODES AND BUILDING STANDARDS, UNLESS DRAWINGS AND/OR SPECIFICATIONS INDICATE WORK OVER AND ABOVE CODE REQUIREMENTS.
4. FURNISH ALL MATERIALS AND LABOR NECESSARY FOR THE COMPLETION OF WORK UNLESS NOTED OTHERWISE.
5. ALL MISCELLANEOUS MATERIAL REQUIRED TO ENSURE PROPER INSTALLATION MUST BE PROVIDED.
6. ALL MECHANICAL EQUIPMENT AND SYSTEMS MUST BE INSTALLED IN A MANNER WHICH MINIMIZES NOISE AND VIBRATION.
7. ALL MATERIALS REQUIRED FOR PROPER INSTALLATION MUST BE NEW UNLESS THE ITEM IS INDICATED AS EXISTING TO REMAIN OR RELOCATED ON THE DRAWINGS.

COORDINATION

1. COORDINATE THE INSTALLATION OF ALL WORK WITH THE WORK OF OTHER TRADES. MINOR DEVIATIONS FROM THE PLANS, TO INCLUDE OFFSETS AND TRANSITIONS, MAY BE MADE TO AVOID CONFLICTS. MAJOR CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCEMENT OF THE WORK.
2. EQUIPMENT SIZES SHOWN ARE BASED UPON TYPICAL MANUFACTURED EQUIPMENT AVAILABLE. SHOP DRAWINGS MUST BE PROVIDED FOR REVIEW AND APPROVAL, SHOWING SPACE FOR ACCESS, EGRESS, MAINTENANCE, AND REQUIRED CODE CLEARANCES PRIOR TO ANY PROCUREMENT, FABRICATION, OR INSTALLATION.
3. COORDINATE THE ELECTRICAL REQUIREMENTS OF EACH PIECE OF EQUIPMENT WITH THE ELECTRICAL CONTRACT DOCUMENTS PRIOR TO ORDERING.
4. REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL LOUVERS, VENTS, DUCTS, AND PIPING THAT PENETRATE EXTERIOR WALLS.
5. COORDINATE THE EXACT LOCATION OF OPENINGS IN BUILDING CONSTRUCTION WITH STRUCTURAL DRAWINGS PRIOR TO BEGINNING WORK. DO NOT PENETRATE STRUCTURAL MEMBERS WITHOUT PRIOR APPROVAL.
6. DO NOT PLACE PIPING ABOVE ELECTRICAL, COMMUNICATIONS, DATA EQUIPMENT OR PANELS.

DUCTWORK

1. DUCT SIZES ARE SHOWN AS INSIDE CLEAR DIMENSIONS. WHERE INTERNAL INSULATION IS CALLED FOR, DIMENSIONS MUST BE INCREASED FOR THE THICKNESS OF THE INSULATION.
2. ALL BRANCH DUCTWORK MUST BE SIZED TO MATCH THE TERMINAL CONNECTION SERVED UNLESS NOTED OTHERWISE. FLEXIBLE DUCT TO DIFFUSERS MUST BE INSTALLED FREE OF KINKS AND SAGS. MAXIMUM LENGTH OF FLEXIBLE DUCT MUST BE 5'-0". ALL RUNOUT AND BRANCH DUCTS MUST CONTAIN A MANUAL VOLUME DAMPER FOR BALANCING.
3. ALL DUCT TRANSITIONS FROM SQUARE TO ROUND MUST BE SMOOTH SQUARE TO ROUND TRANSITIONS.
4. ALL DIFFUSERS MUST HAVE FOUR-WAY BLOW UNLESS NOTED OTHERWISE.
5. SEE REFLECTED CEILING PLANS FOR EXACT LOCATION OF AIR DEVICES.
6. ALL DAMPERS, DAMPER OPERATORS, AND FANS MUST BE ACCESSIBLE. LOCATE ALL EQUIPMENT OR APPURTENANCES IN AREAS WITH ACCESSIBLE CEILINGS. THE CONTRACTOR MAY UTILIZE ACCESS PANELS FOR THOSE AREAS NOT EASILY ACCESSIBLE. ALL ACCESS PANEL LOCATIONS MUST BE COORDINATED WITH THE CONTRACT DOCUMENTS AND APPROVED BY THE OWNER PRIOR TO INSTALLATION OF EQUIPMENT.
7. PROVIDE UL LISTED FIRESTOPPING ASSEMBLIES FOR EACH PENETRATION OF RATED ASSEMBLIES.
8. ALL DUCTWORK MUST BE SLEEVED THROUGH WALL PENETRATIONS EXCEPT INTERIOR PARTITIONS. ALL WALL PENETRATIONS OF DUCTWORK MUST BE SEALED.
9. PROVIDE TURNING VANES IN MITERED 90 DEGREE BENDS EXCEPT TRANSFER DUCTS OR OTHERWISE NOTED.
10. PROVIDE CONICAL TEES FOR TAKE-OFFS FROM ROUND AND FLAT OVAL DUCTWORK. PROVIDE TAPS WITH 45 DEGREE DUCT HEEL FOR TAKE-OFFS FROM RECTANGULAR DUCTWORK.

PIPING

1. SLOPE CONDENSATE DRAINS AT 1/8" PER FOOT MINIMUM IN THE DIRECTION OF FLOW. PROVIDE FITTINGS TO ALLOW CLEANING OF ENTIRE SYSTEM.
2. ALL PIPING MUST HAVE ITS SLOPE AND INVERT ESTABLISHED PRIOR TO THE INSTALLATION OF ANY PIPING.
3. ALL PIPING SYSTEMS THAT ARE NOT OPEN TO ATMOSPHERE MUST BE PROVIDED WITH VALVED DRAINS AT LOW POINTS AND MANUAL AIR VENTS AT HIGH POINTS.
4. PROVIDE UL LISTED FIRESTOPPING ASSEMBLIES FOR EACH PENETRATION OF RATED ASSEMBLIES.
5. ALL PIPING MUST BE SLEEVED THROUGH MASONRY WALL PENETRATIONS. ALL PARTITION PENETRATIONS MUST BE ACOUSTICALLY SEALED.
6. SIZE AND ROUTE REFRIGERANT PIPING PER EQUIPMENT MANUFACTURER'S WRITTEN INSTRUCTIONS.
7. CONNECTIONS BETWEEN DISSIMILAR METALS MUST BE MADE WITH DIELECTRIC FITTINGS.

EQUIPMENT

1. INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, CONTRACT DOCUMENTS, AND APPLICABLE CODES AND REGULATIONS.
2. ALL MECHANICAL EQUIPMENT MUST BE INSTALLED IN SUCH A MANNER SO THAT ALL FILTERS, VALVES, MOTORS, DAMPERS, ETC., ARE COMPLETELY ACCESSIBLE AND SERVICEABLE, INCLUDING ACCESS DOORS IF REQUIRED.
3. COMPLETE AND PROPER INSTALLATION OF THERMOSTATS AND ALL OTHER NECESSARY FIELD MOUNTED CONTROL COMPONENTS MUST BE THE RESPONSIBILITY OF THE MECHANICAL OR CONTROLS CONTRACTOR. THE EQUIPMENT MANUFACTURER MUST FURNISH COMPLETE WIRING CONTROLS. ALL CONTROL WIRING IN MECHANICAL ROOMS OR AREAS SUBJECT TO DAMAGE MUST BE IN CONDUIT AND INSTALLED PER ELECTRICAL CONTRACT DOCUMENTS.
4. PROVIDE FLEXIBLE CONNECTIONS BETWEEN HVAC EQUIPMENT AND SHEET METAL DUCTWORK.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

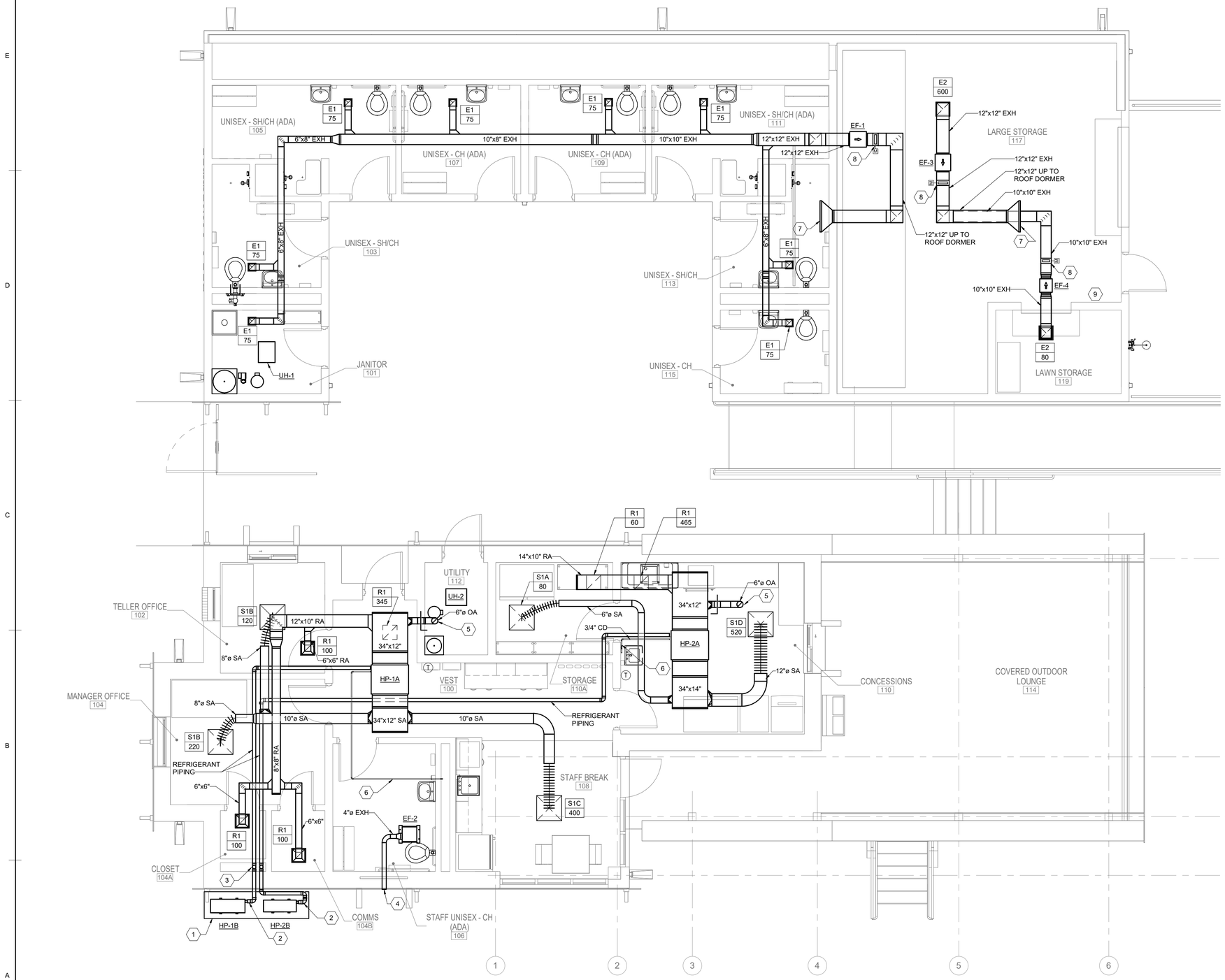
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

LEGEND, ABBREVIATIONS & GENERAL NOTES

SHT. NO.	REV. NO.
M-001	0

5/14/2025 4:29:43 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt



PLAN NORTH

A6 FIRST FLOOR MECHANICAL PLAN

SCALE: 1/4" = 1'-0"

SHEET GENERAL NOTES

1. REFER TO SHEET M-001 FOR PROJECT GENERAL NOTES.
2. PROVIDE BALANCING DAMPER FOR EACH SUPPLY, RETURN, AND EXHAUST RUN-OUT.
3. ALL RUN-OUTS TO AIR TERMINALS ARE SCHEDULED NECK SIZES UNLESS OTHERWISE NOTED.
4. ALL DUCT TAPS MUST HAVE 45 DEGREE DUCT HEELS.
5. MAINTAIN MANUFACTURER RECOMMENDED CLEARANCES AROUND ALL EQUIPMENT.
6. COORDINATE THE FINAL LOCATION OF ALL AIR TERMINALS AND EXTERIOR PENETRATIONS WITH ARCHITECTURAL DRAWINGS.

KEYNOTES

1. 4" DEEP EQUIPMENT PAD. SIZE ADEQUATELY TO FIT SELECTED UNIT. SEE DETAIL.
2. PROVIDE ALUMINUM LINE SET COVER COLOR MATCHED TO EXTERIOR WALL. ALL EXPOSED REFRIGERANT PIPING SHALL BE PROTECTED WITH ALUMINUM COVER.
3. REFRIGERANT LINES RISE IN CHASE UP TO ATTIC SPACE.
4. PROVIDE WEATHERHOOD WITH BIRDSCREEN.
5. 6" DIAMETER DUCT UP TO HOODED INTAKE. PROVIDE MOTORIZED DAMPER AND TIE INTO UNIT THERMOSTAT SO THE DAMPER WILL OPEN DURING OCCUPIED HOURS AND CLOSE DURING UNOCCUPIED HOURS.
6. CONDENSATE DRAIN TO SINK TAIL PIECE.
7. ATTACH TO TRIANGULAR-SHAPED LOUVER IN DORMER. SEE ARCHITECTURE.
8. INTERLOCK MOTORIZED DAMPER TO OPEN UPON FAN OPERATION.
9. PROVIDE SEPARATE ON/OFF SWITCH FOR EF-1, 3 AND 4.

GRAPHIC SCALE(S)

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

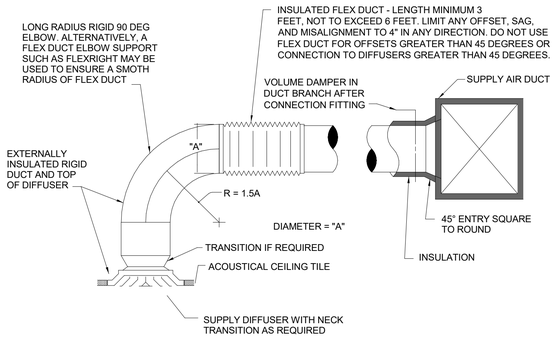
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

FIRST FLOOR MECHANICAL PLAN

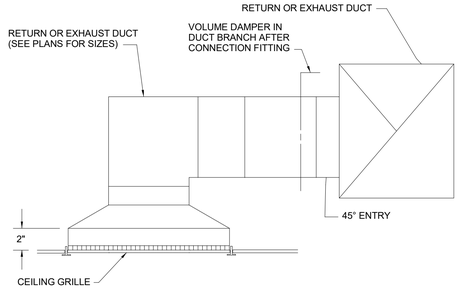
SHT. NO. M-101 | REV. NO. 0

5/14/2025 4:29:44 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt



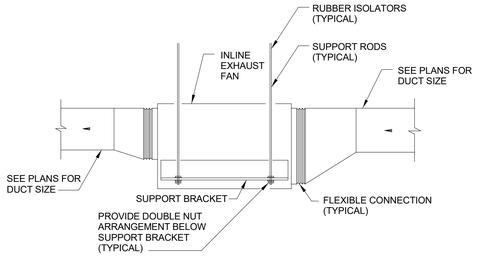
TYPICAL CEILING SUPPLY DIFFUSER CONNECTION

SCALE: NONE



CEILING RETURN/EXHAUST GRILLE

SCALE: NONE

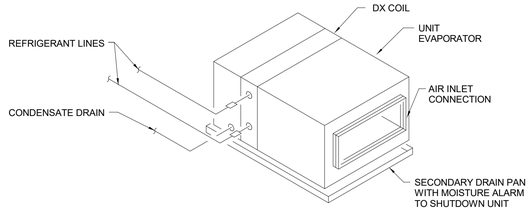


NOTES:

1. SUPPORT FAN PER MANUFACTURER'S RECOMMENDATIONS.

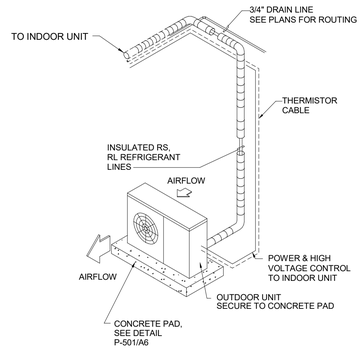
INLINE EXHAUST FAN DETAIL

SCALE: NONE



INDOOR CONCEALED UNIT DETAIL

SCALE: NONE



DUCTLESS SPLIT SYSTEM DETAIL

SCALE: NONE

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

DETAILS

SHT. NO.	REV. NO.
M-501	0

5/14/2025 4:29:44 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt

SPLIT SYSTEM HEAT PUMPS SCHEDULE

OUTDOOR UNIT DESIGNATION			HP-1B	HP-2B
INDOOR UNIT DESIGNATION			HP-1A	HP-2A
AREA SERVED			102, 104, 108 -OFFICES AND BREAK	110, 110A - CONCESSIONS AND STORAGE
OUTSIDE AIR (CFM)			95	75
UNIT TYPE			DUCTED CEILING CONCEALED	DUCTED CEILING CONCEALED
INDOOR UNIT	EVAPORATOR	AIRFLOW (HIGH)	740	600
		EXTERNAL STATIC PRESSURE (IN. WG)	0.5	0.5
		TOTAL COOLING CAPACITY (MBH)	24	18
		SENSIBLE COOLING CAPACITY (MBH)	24	18
		COOLING ENTERING AIR TEMP (DB / WB)	80 / 67	80 / 67
		HEATING CAPACITY (MBH)	28	22
		HEATING ENTERING AIR TEMP (DB / WB)	70 / 60	70 / 60
	ELECTRICAL	VOLTAGE (V)	208	208
		PHASE	1	1
		FREQUENCY (Hz)	60	60
REFRIGERANT			R-454B	R-454B
OUTDOOR UNIT	CONDENSER	AMBIENT DESIGN TEMPERATURE (DEG F)	95	95
		RATED TOTAL COOLING CAPACITY (MBH)	24	18
		MINIMUM RATED COOLING CAPACITY (MBH)	10.1	7.8
		RATED HEATING CAPACITY (MBH)	25	19
		SEER2	16.7	19.8
		HSPF2	9.4	9.0
	ELECTRICAL	MINIMUM CIRCUIT AMPACITY (A)	17	11
		MOCP	27	28
		VOLTAGE (V)	208	208
		PHASE	1	1
		FREQUENCY (Hz)	60	60
BASIS OF DESIGN			MITSUBISHI ELECTRIC PEAD-A24AA9 & PUZ-HA24NHA1	MITSUBISHI ELECTRIC PEAD-A18AA9 & PUZ-A18NKA7
REMARKS			1, 2, 3, 4, 5, 6, 7	1, 2, 3, 4, 5, 6, 7

REMARKS LEGEND:

1. POWER FROM OUTDOOR UNIT, OUTDOOR UNIT POWER INCLUDES EVAPORATOR POWER. INSTALL PER MANUFACTURER'S INSTRUCTIONS, ADJUST CHARGE AS NEEDED FOR REFRIGERANT PIPE LENGTH.
2. PROVIDE 3/4" CONDUIT BETWEEN INDOOR AND OUTDOOR UNIT.
3. PROVIDE ALL REQUIRED HANGERS AND SUPPORTS TO SUSPEND INDOOR UNIT AT A HEIGHT TO ALLOW RETURN AIR AND OUTSIDE AIR DUCTWORK CONNECTIONS BELOW THE UNIT.
4. PROVIDE SECONDARY DRAIN PAN UNDER UNIT WITH FLOAT TYPE SHUTOFF SWITCH.
5. PROVIDE CORROSION RESISTANT COATING ON CONDENSER COIL.
6. PROVIDE VARIABLE SPEED INVERTER COMPRESSORS CAPABLE OF MODULATING DOWN TO MINIMUM CAPACITY.
7. PROVIDE FILTER BOX ON INLET WITH MINIMUM 2" MERV 8 FILTERS. EXTERNAL STATIC PRESSURE INCLUDES LOSS OF CLEAN RETURN FILTER.

EXHAUST FAN SCHEDULE

DESIGNATION	EF-1	EF-2	EF-3	EF-4
LOCATION	117	106	117	117
DESCRIPTION	CENTRIFUGAL INLINE	CEILING EXHAUST FAN	CENTRIFUGAL INLINE	CENTRIFUGAL INLINE
MOUNTING	SUSPENDED	CEILING	SUSPENDED	SUSPENDED
FAN DATA	- -	- -	- -	- -
AIRFLOW (SCFM)	600	70	600	80
ESP (IN-H2O)	0.4	0.25	0.4	0.40
RPM	1531	860	1531	1659
DRIVE TYPE	DIRECT	DIRECT	DIRECT	DIRECT
MOTOR DATA	- -	- -	- -	- -
HORSEPOWER	1/6	13 (W)	1/6	1/15
VOLTS	120	120	120	120
PHASE	1	1	1	1
HERTZ	60	60	60	60
MCA	3.5	0.2	3.5	1.6
MOP	15	15	15	15
BASIS OF DESIGN	GREENHECK	GREENHECK	GREENHECK	GREENHECK
MODEL	SQ-95-VG	SO-A90	SQ-95-VG	SQ-70-VG
REMARKS	1, 2	1, 3	1, 2	1, 2

REMARKS LEGEND:

1. PROVIDE FAN WITH UNIT MOUNTED DISCONNECT.
2. PROVIDE ECM WITH SPEED ADJUSTMENT FOR SYSTEM BALANCING.
3. INTERLOCK FAN OPERATION WITH LIGHT SWITCH.

ELECTRIC UNIT HEATER SCHEDULE

DESIGNATION	UH-1	UH-2
LOCATION	101	112
TYPE	CEILING SURFACE MOUNTED	CEILING SURFACE MOUNTED
THROW	VERTICAL	VERTICAL
CAPACITY (KW)	1.5	1.5
ENTERING AIR TEMPERATURE (DEG F)	55	55
VOLTAGE (V)	120	120
PHASE	1	1
FREQUENCY (HZ)	60	60
AMPS	12.5	12.5
MAXIMUM MOUNTING HEIGHT (FT)	8	8
BASIS OF DESIGN	INDEECO	INDEECO
MODEL	931I SERIES	931I SERIES
REMARKS	1, 2, 3	1, 2, 3

REMARKS LEGEND:

1. PROVIDE SURFACE MOUNTED SLEEVE.
2. PROVIDE UNIT MOUNTED DISCONNECT SWITCH.
3. PROVIDE UNIT MOUNTED THERMOSTAT.

AIR TERMINAL SCHEDULE

TAG NUMBER	S1	R1	E1	E2
DESCRIPTION	SUPPLY	RETURN	EXHAUST	EXHAUST
TYPE	3-CONE	LOUVERED	LOUVERED	LOUVERED
NECK SIZE	A=6"	12x12	6x6	12x12
	B=8"			
	C=10"			
	D=12"			
FRAME STYLE	SURFACE MOUNT	SURFACE MOUNT	SURFACE MOUNT	SURFACE MOUNT
FRAME SIZE	24x24	12x12	6x6	12x12
AIR PATTERN	4-WAY	- -	- -	- -
MAX PRESSURE DROP	0.075	0.05	0.05	0.05
MAX NC RATING	20	20	20	20
MATERIAL	ALUMINUM	ALUMINUM	ALUMINUM	ALUMINUM
FINISH	BAKED ENAMEL	BAKED ENAMEL	BAKED ENAMEL	BAKED ENAMEL
REMARKS	1	1	1	1

REMARKS LEGEND:

1. PROVIDE INTEGRAL VOLUME DAMPER.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: ZDA DESIGN: SWL
CHECK: JM

SHEET TITLE

SCHEDULES

SHT. NO. M-601
REV. NO. 0

5/14/2025 4:29:44 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt

PLUMBING ABBREVIATIONS

(D)	DEMOLISH
(E)	EXISTING TO REMAIN
AC	EXISTING TO REMAIN
AD	AIR DRYER
AFF	ABOVE FINISHED FLOOR
APPROX	APPROXIMATELY
ARCH	ARCHITECTURE
BFF	BELOW FINISHED FLOOR
BV	BALANCING VALVE
CA	COMPRESSED AIR
CO	CLEANOUT
DCW	DOMESTIC COLD WATER
DEG	DEGREES
DET	DOMESTIC WATER EXPANSION TANK
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRCULATION
DN	DOWN
DWP	DOMESTIC HOT WATER RECIRCULATION PUMP
EA	EACH
EFS	EMERGENCY SHOWER AND EYE/FACE WASH
EFW	EMERGENCY EYE AND FACE WASH
EL OR ELEV	ELEVATION
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
F OR °F	DEGREES FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FT	FOOT OR FEET
GAL	GALLON (U.S.)
GPC	GALLONS PER CYCLE
GPF	GALLONS PER FLUSH
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HD	HUB DRAIN
HR	HOSE REEL
L	LAVATORY
LB	POUND
MS	MOP SINK
N2	NITROGEN
NTS	NOT TO SCALE
OD	OVERFLOW DRAIN
PSI	POUNDS PER SQUARE INCH
RHD	ROOF HYDRANT
RPZ	REDUCED PRESSURE ZONE BACKFLOW PREVENTER
S	SINK
SAN	SANITARY DRAIN
SD	STORM DRAIN
SH	SHOWER
SP	SUMP PUMP
STM	STORM DRAIN
TP	TRAP PRIMER
TYP	TYPICAL
U	URINAL
UG	UNDERGROUND
V	VENT
VAC	VACUUM
VB	DCW VALVE BOX
VOL	VOLUME
VS	VENT STACK
VTR	VENT THROUGH ROOF
W/	WITH
W/O	WITHOUT
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER
WHA	WATER HAMMER ARRESTER
WHD	WALL HYDRANT
WR	WASTE RECEPTOR

PLUMBING DESIGN CRITERIA

LOCATION: STAUNTON, VA

POOL FACILITIES BUILDING - WATER PRESSURE

STATIC PRESSURE AVAILABLE: 91.5 PSI

BUILDING DEMAND FLOWRATE: 63 GPM
BUILDING SERVICE ENTRANCE PRESSURE: 50 PSI

POOL ADMINISTRATION BUILDING - WATER PRESSURE

STATIC PRESSURE AVAILABLE: 90.7 PSI

BUILDING DEMAND FLOWRATE: 43 GPM
BUILDING SERVICE ENTRANCE PRESSURE: 50 PSI

PLUMBING PIPING LEGEND

CONSTRUCTION PHASING

DEMO — EXISTING TO REMAIN
POINT OF DISCONNECTION
POINT OF CONNECTION
WORK IN THIS PHASE — EXISTING TO REMAIN

EXISTING TO REMAIN
DEMOLITION
WORK IN THIS PHASE
KEYNOTE

PIPING SYSTEMS

DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
DHWR	DOMESTIC HOT WATER RECIRCULATION
SAN	SANITARY SEWER
V	SANITARY SEWER VENT
SD	STORM DRAIN
OD	STORM DRAIN OVERFLOW
CA	COMPRESSED AIR
VAC	VACUUM
N2	NITROGEN

PIPE ACCESSORIES

VALVE, BALL, MANUAL
VALVE, BALL, CONTROL
VALVE, BUTTERFLY, MANUAL
VALVE, BUTTERFLY, CONTROL
VALVE, CHECK
VALVE, GATE
VALVE, GLOBE
VALVE, BALANCING
WYE STRAINER
WATER HAMMER ARRESTOR

SUPPLY PIPE FITTINGS

TEE
TEE UP
TEE DN
90 DEG ELBOW
45 DEG ELBOW
PIPE UP
PIPE DN
REDUCER, CONCENTRIC
REDUCER, ECCENTRIC
FLANGE JOINT
BLIND FLANGE
PIPE CAP

DRAIN PIPE FITTINGS

COMBINATION (WYE & 1/8 BEND)
DOUBLE COMBINATION
WYE
DOUBLE WYE
SANITARY TEE
DOUBLE SANITARY TEE
P-TRAP
FLOOR CLEANOUT
WALL CLEANOUT

PLUMBING GENERAL NOTES

GENERAL

1. REFER TO EACH DRAWING FOR NOTES SPECIFIC TO THAT DRAWING SHEET.
2. THESE DRAWINGS ARE SCHEMATIC IN NATURE AND INDICATE THE GENERAL AND APPROXIMATE LOCATION OF EQUIPMENT, PIPING AND DUCTWORK. DO NOT SCALE DRAWINGS. THEY ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. THE CONTRACTOR MUST CAREFULLY REVIEW ALL THE CONTRACT DOCUMENTS AND COORDINATE BETWEEN ALL TRADES PRIOR TO SUBMITTING SHOP DRAWINGS. THE CONTRACTOR MUST VERIFY ALL SIZES, MATERIALS, TEMPERATURE AND PRESSURE RATINGS BEFORE ORDERING OR INSTALLING ANY MATERIALS OR EQUIPMENT. THE CONTRACTOR MUST PREPARE INSTALLATION INSTRUCTIONS AND FABRICATION DRAWINGS PRIOR TO ACTUAL INSTALLATION.
3. ALL PLUMBING EQUIPMENT AND ACCESSORIES MUST BE INSTALLED IN STRICT ACCORDANCE WITH THE CURRENT APPROVED EDITION OF THE INTERNATIONAL PLUMBING CODE (IPC) AND ALL OTHER APPLICABLE LOCAL CODES AND BUILDING STANDARDS, UNLESS DRAWINGS AND/OR SPECIFICATIONS INDICATE WORK OVER AND ABOVE CODE REQUIREMENTS.
4. FURNISH ALL MATERIALS AND LABOR NECESSARY FOR THE COMPLETION OF WORK UNLESS NOTED OTHERWISE.
5. ALL MISCELLANEOUS MATERIAL REQUIRED TO ENSURE PROPER INSTALLATION MUST BE PROVIDED.
6. ALL PLUMBING EQUIPMENT AND SYSTEMS MUST BE INSTALLED IN A MANNER WHICH MINIMIZES NOISE AND VIBRATION.
7. ALL MATERIALS REQUIRED FOR PROPER INSTALLATION MUST BE NEW UNLESS THE ITEM IS INDICATED AS EXISTING TO REMAIN OR RELOCATED ON THE DRAWINGS.

COORDINATION

1. COORDINATE THE INSTALLATION OF ALL WORK WITH THE WORK OF OTHER TRADES. MINOR DEVIATIONS FROM THE PLANS, TO INCLUDE OFFSETS AND TRANSITIONS, MAY BE MADE TO AVOID CONFLICTS. MAJOR CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCEMENT OF THE WORK.
2. EQUIPMENT SIZES SHOWN ARE BASED UPON TYPICAL MANUFACTURED EQUIPMENT AVAILABLE. SHOP DRAWINGS MUST BE PROVIDED FOR REVIEW AND APPROVAL, SHOWING SPACE FOR ACCESS, EGRESS, MAINTENANCE, AND REQUIRED CODE CLEARANCES PRIOR TO ANY PROCUREMENT, FABRICATION, OR INSTALLATION.
3. COORDINATE THE ELECTRICAL REQUIREMENTS OF EACH PIECE OF EQUIPMENT WITH THE ELECTRICAL CONTRACT DOCUMENTS PRIOR TO ORDERING.
4. REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL LOUVERS, VENTS, DUCTS, AND PIPING THAT PENETRATE EXTERIOR WALLS.
5. COORDINATE THE EXACT LOCATION OF OPENINGS IN BUILDING CONSTRUCTION WITH STRUCTURAL DRAWINGS PRIOR TO BEGINNING WORK. DO NOT PENETRATE STRUCTURAL MEMBERS WITHOUT PRIOR APPROVAL.
6. DO NOT PLACE PIPING ABOVE ELECTRICAL, COMMUNICATIONS, DATA EQUIPMENT OR PANELS.
7. PROVIDE PERMANENT ACCESS TO ALL EQUIPMENT, VALVES, AND APPURTENANCES INSTALLED ABOVE CEILINGS OR BEHIND WALLS. LOCATE IN AREAS WITH ACCESSIBLE CEILINGS WHERE FEASIBLE, OTHERWISE PROVIDE ACCESS PANELS.

PIPING

1. SLOPE SANITARY SEWER PIPING 2 1/2" OR SMALLER AT 1/4" PER FOOT IN DIRECTION OF FLOW. PIPING 3" OR LARGER MUST BE SLOPED AT A MINIMUM OF 1/8" PER FOOT IN THE DIRECTION OF FLOW. COMPLY WITH ALL LOCAL CODES FOR SLOPING OF PIPING.
2. PROVIDE SHUTOFF VALVES FOR ISOLATION OF INDIVIDUAL FIXTURES, FIXTURE GROUPS, AND PLUMBING EQUIPMENT.
3. ALL PIPING MUST HAVE ITS SLOPE AND INVERT ESTABLISHED PRIOR TO THE INSTALLATION OF ANY PIPING.
4. PROVIDE UL LISTED FIRESTOPPING ASSEMBLIES FOR EACH PENETRATION OF RATED ASSEMBLIES.
5. ALL PIPING MUST BE SLEEVED THROUGH MASONRY WALL PENETRATIONS. ALL PARTITION PENETRATIONS MUST BE ACOUSTICALLY SEALED.
6. CONNECTIONS BETWEEN DISSIMILAR METALS MUST BE MADE WITH DIELECTRIC FITTINGS.
7. LOCATE CLEANOUTS IN ACCESSIBLE LOCATIONS. PLACE CLEANOUT IN VERTICAL RISER UNLESS HORIZONTAL CLEANOUT OR ACCESS EXISTS WITHIN 25 FEET.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

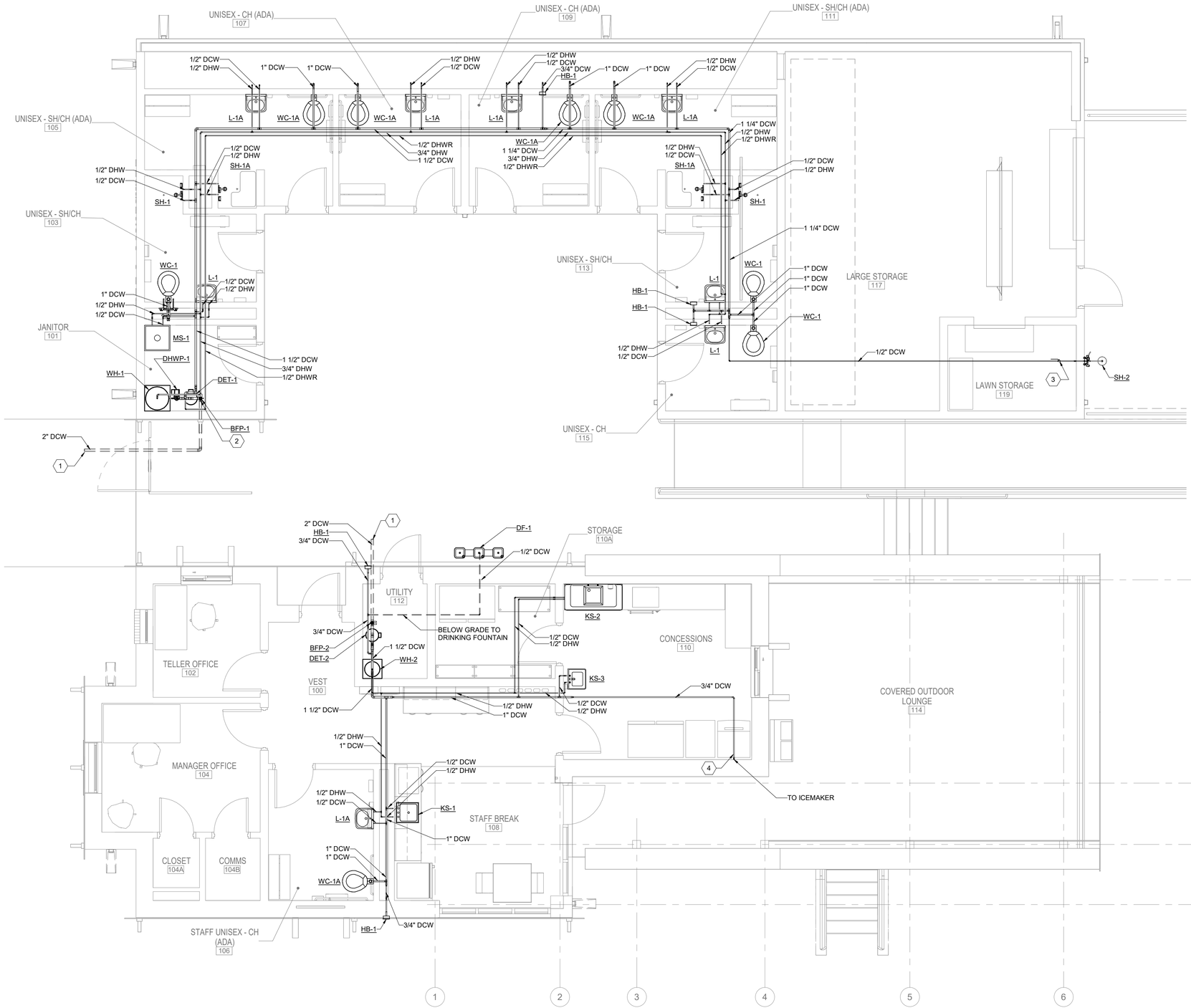
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

LEGEND, ABBREVIATIONS & GENERAL NOTES

SHT. NO.	REV. NO.
P-001	0

5/14/2025 4:31:27 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt



PLAN NORTH

A6

FIRST FLOOR DOMESTIC PIPING PLAN

SCALE: 1/4" = 1'-0"

SHEET GENERAL NOTES

1. REFER TO SHEET P-001 FOR PROJECT GENERAL NOTES.
2. COORDINATE THE INSTALLATION OF ACCESS PANELS FOR ALL EQUIPMENT, VALVES, WATER HAMMER ARRESTORS, AND CLEANOUTS LOCATED ABOVE HARD CEILINGS OR BEHIND WALLS.
3. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES UNLESS OTHERWISE NOTED.

KEYNOTES

1. SEE CIVIL DRAWING SHEET C-103 FOR CONTINUATION.
2. PROVIDE SHUTOFF VALVE AND PRESSURE REDUCING VALVE AT BUILDING ENTRY. SET PRESSURE REDUCING VALVE TO 50 PSI.
3. PROVIDE BALANCING VALVE.
4. PROVIDE ASSE 1012 DOUBLE CHECK VALVE UPSTREAM OF CONNECTION.

GRAPHIC SCALE(S)

0 2' 4' 8'

SCALE: 1/4" = 1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

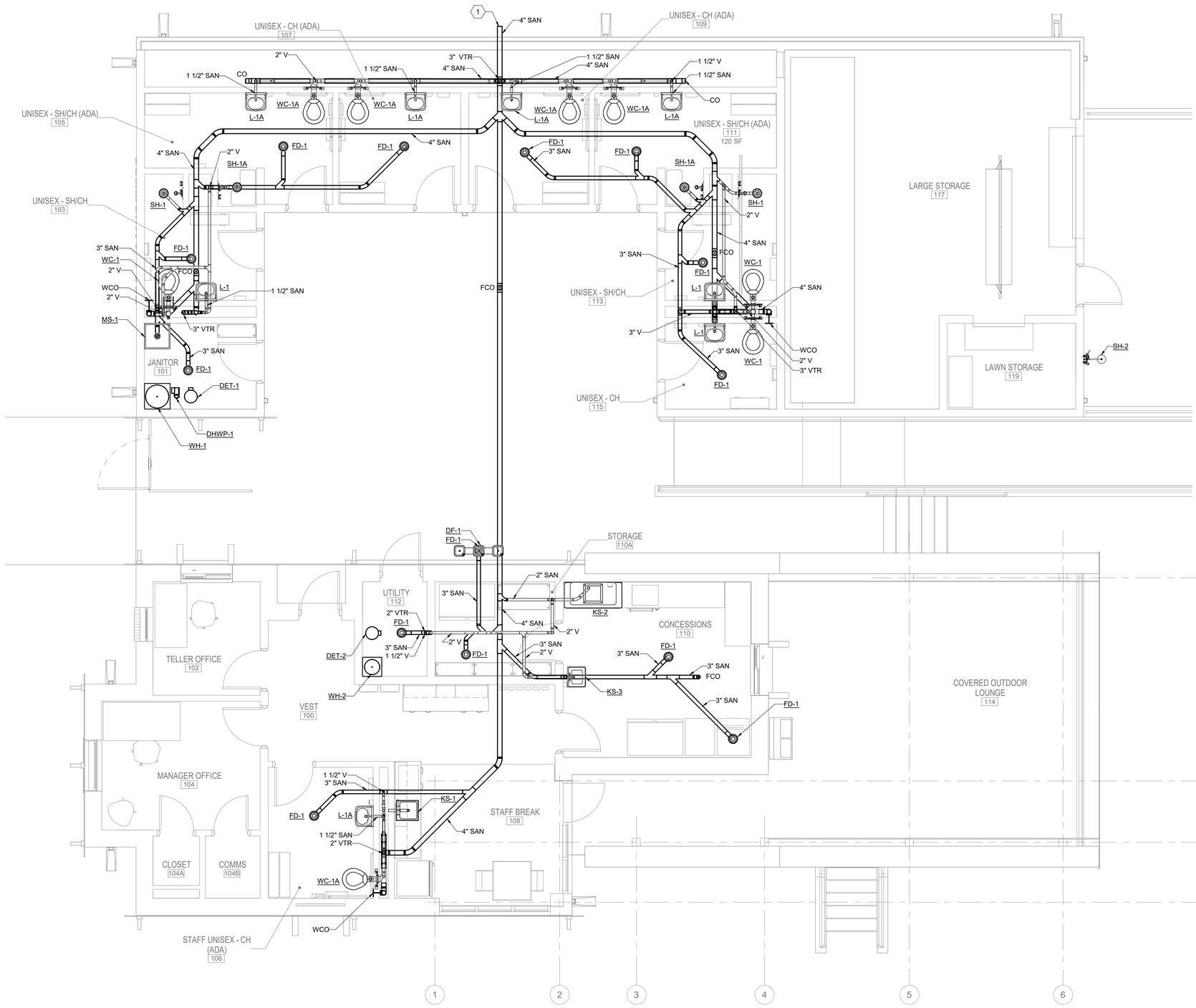
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

FIRST FLOOR DOMESTIC PIPING PLAN

SHT. NO. P-101 | REV. NO. 0

5/14/2025 4:31:29 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt



PLAN NORTH

A6 FIRST FLOOR SANITARY PLAN

SCALE: 1/4" = 1'-0"

SHEET GENERAL NOTES

1. REFER TO SHEET P-001 FOR PROJECT GENERAL NOTES.
2. COORDINATE THE INSTALLATION OF ACCESS PANELS FOR ALL EQUIPMENT, VALVES, WATER HAMMER ARRESTORS, AND CLEANOUTS LOCATED ABOVE HARD CEILINGS OR BEHIND WALLS.
3. SEE FIXTURE SCHEDULE FOR CONNECTION SIZES UNLESS OTHERWISE NOTED.

KEYNOTES

1. SEE CIVIL DRAWING SHEET C-103 FOR CONTINUATION.

GRAPHIC SCALE(S)

0 2' 4' 8"

SCALE: 1/4" = 1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

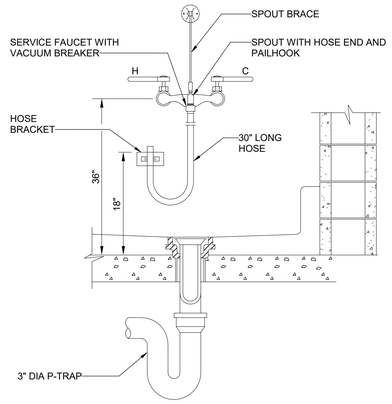
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

FIRST FLOOR SANITARY PLAN

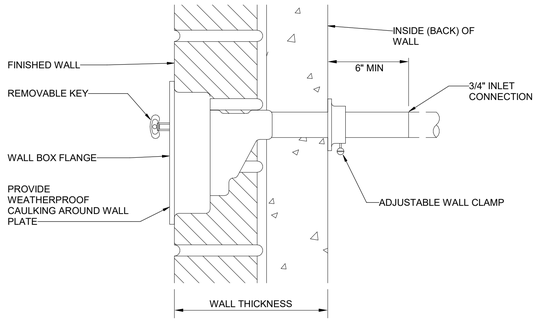
SHT. NO. P-201 | REV. NO. 0

5/14/2025 4:31:32 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt



D6 MOP SINK DETAIL

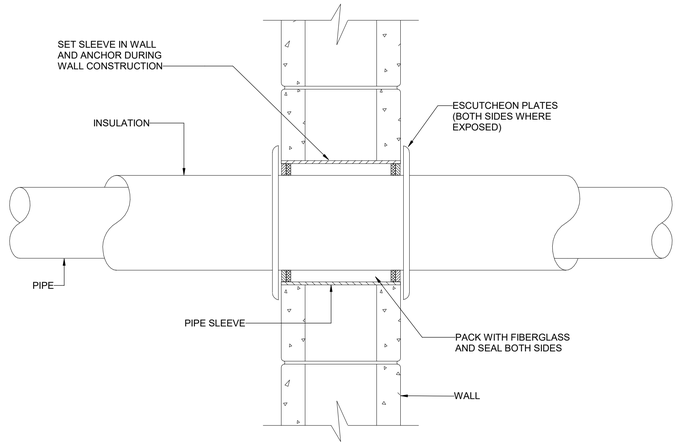
SCALE: NONE



NOTE:
PROVIDE INSULATION IN ANY GAPS AROUND THE PENETRATIONS OF EXTERIOR WALLS.

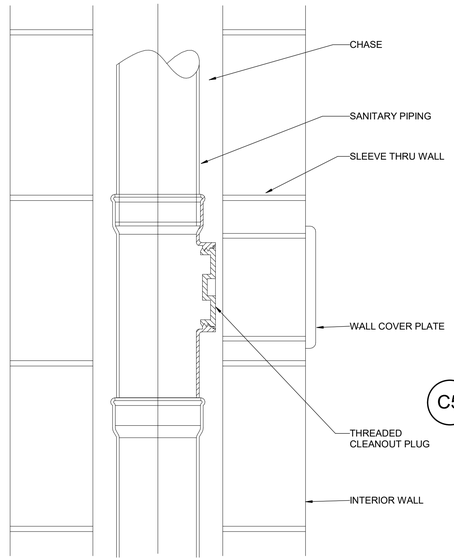
D5 FREEZEPROOF WALL HYDRANT DETAIL

SCALE: NONE



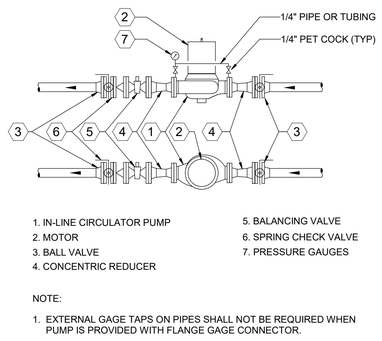
D3 PIPE SLEEVE THRU INTERIOR WALL DETAIL

SCALE: NONE



B6 WALL CLEANOUT DETAIL

SCALE: NONE



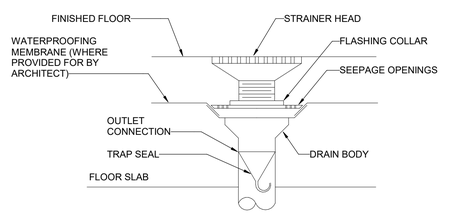
1. IN-LINE CIRCULATOR PUMP
2. MOTOR
3. BALL VALVE
4. CONCENTRIC REDUCER
5. BALANCING VALVE
6. SPRING CHECK VALVE
7. PRESSURE GAUGES

NOTE:

1. EXTERNAL GAGE TAPS ON PIPES SHALL NOT BE REQUIRED WHEN PUMP IS PROVIDED WITH FLANGE GAGE CONNECTOR.

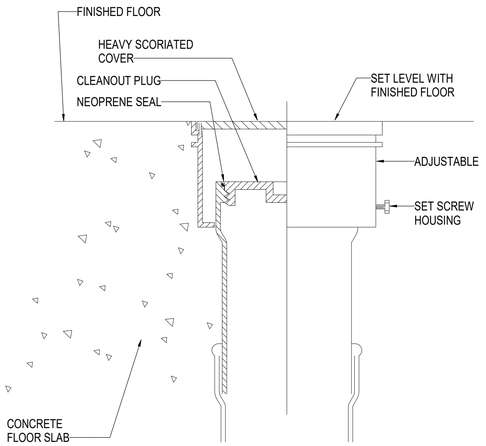
C5 DOMESTIC HOT WATER CIRCULATION PUMP DETAIL

SCALE: NONE



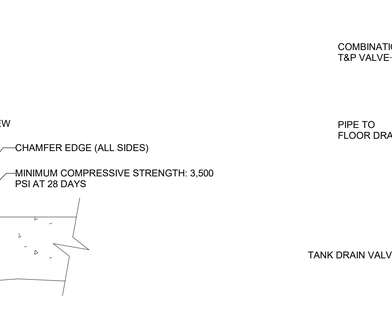
C4 NO PRIMER FLOOR DRAIN DETAIL

SCALE: NONE



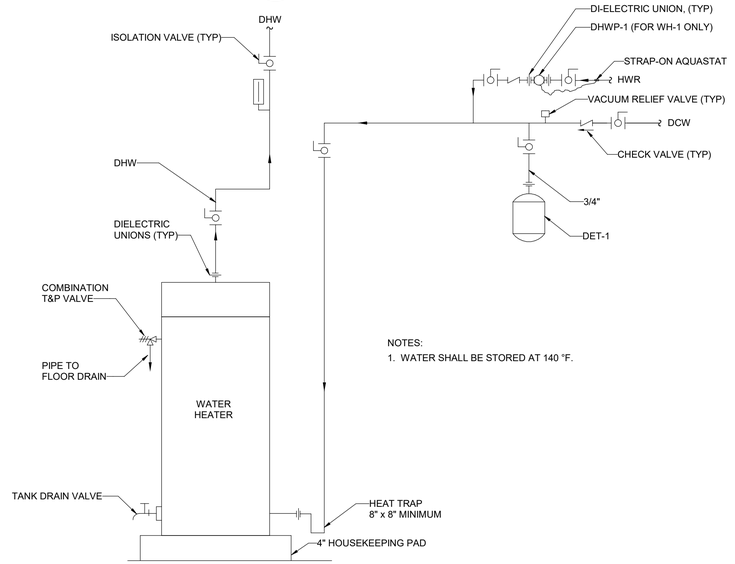
B2 FLOOR CLEANOUT DETAIL

SCALE: NONE



A6 TYPICAL EQUIPMENT PAD ON FLOOR SLAB DETAIL

SCALE: NONE

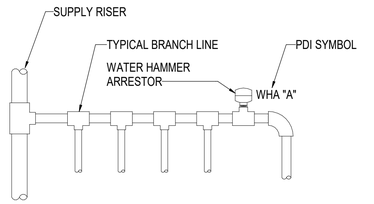


NOTES:

1. WATER SHALL BE STORED AT 140 °F.

A4 ELECTRIC WATER HEATER DETAIL

SCALE: NONE



NOTES:

1. PREFERRED INSTALL WATER HAMMER ARRESTORS AT THE END OF BRANCH LINE BETWEEN THE LAST TWO FIXTURES SERVED.
2. ONE WATER HAMMER ARRESTOR PER 20'-0" LINE, AND ANOTHER FOR BRANCHES OVER 20'-0" IN LENGTH.
3. THE SUM OF FIXTURE UNIT RATING OF UNITS OVER 20'-0" IN LENGTH SHALL BE EQUAL TO OR GREATER THAN THE DEMAND OF THE BRANCHES.

WATER HAMMER ARRESTOR SCHEDULE						
PDI SYMBOL	A	B	C	D	E	F
FIXTURE UNIT RATING	1-11	12-32	33-60	61-113	114-154	155-330

A2 WATER HAMMER ARRESTOR INSTALLATION DETAIL

SCALE: NONE

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

DETAILS

SHT. NO.	REV. NO.
P-501	0

5/14/2025 4:31:32 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt

PLUMBING FIXTURES

DESIGNATION	FIXTURE	ACCESSIBILITY	MATERIAL	FLUSH VALVE	SUPPLY FITTINGS AND STOPS	TRAP	CARRIER	CONNECTION SIZES				NOTES
								WASTE	VENT	HOT	COLD	
DF-1	DRINKING FOUNTAIN	ADA	STAINLESS STEEL	- -	- -	- -	- -	- -	- -	- -	1/2"	STAINLESS STEEL, POWDER COATED FINISH, FLOOR-MOUNT DRINKING FOUNTAIN. HI-LOW WITH WATER BOTTLE FILLER. VANDAL-RESISTANT. 3" FLOOR DRAIN IN CENTER FOR WASTE AND DRAINAGE.
KS-1	BREAK ROOM SINK	ADA	SOLID SURFACE	- -	ANGLE STOPS	2"	UNDERMOUNT	2"	2"	1/2"	1/2"	28-1/2" X 17-5/8" X 6-3/8" SOLID SURFACE BOWL, ONE COMPARTMENT, AND REAR DRAIN. ADA , ROLL UNDER. FAUCET: MANUAL TYPE WITH CHROME FINISH BODY, 1.5 GPM CHROME 5" GOOSENECK. DECK MOUNTED WITH THREE HOLE MOUNTING. PROVIDE ASSE 1070 VALVE TO LIMIT WATER TO 110 DEG F.
KS-2	CONCESSION SINK	- -	STAINLESS STEEL	- -	ANGLE STOPS	2"	FLOOR MOUNT	2"	2"	1/2"	1/2"	18" X 18" X 14" STAINLESS STEEL BOWL, ONE COMPARTMENT, AND CENTER DRAIN. ONE PIECE INTEGRAL TO DRAINBOARDS ON GALVANIZED STEEL LEGS ON FLOOR. FAUCET: MANUAL TYPE WITH STAINLESS STEEL BODY, 1.5 GPM CHROME FAUCET. WALL MOUNTED WITH TWO HOLE MOUNTING. PROVIDE ASSE 1070 VALVE TO LIMIT WATER TO 110 DEG F.
KS-3	CONCESSION HAND SINK	- -	STAINLESS STEEL	- -	ANGLE STOPS	1 1/2"	WALL MOUNT	1 1/2"	1 1/2"	1/2"	1/2"	16" X 15-1/2" X 5" STAINLESS STEEL BOWL, ONE COMPARTMENT, AND CENTER DRAIN. INTEGRAL TO BACKSPLASH. FAUCET: MANUAL TYPE WITH SATIN STAINLESS STEEL BODY, 2 GPM CHROME FAUCET. WALL MOUNTED WITH TWO HOLE MOUNTING. PROVIDE ASSE 1070 VALVE TO LIMIT WATER TO 110 DEG F.
L-1	LAVATORY	- -	VITREOUS CHINA	- -	ANGLE STOPS	1 1/2"	WALL MOUNT	1 1/2"	1 1/2"	1/2"	1/2"	19" X 17" X 5-1/2" SINGLE VITREOUS CHINA SINK WITH SINGLE CENTER DRAIN. BASIS OF DESIGN: ZURN Z5350. MAXIMUM 0.5 GPM FAUCET WITH MANUAL CONTROL. PROVIDE ASSE 1070 VALVE TO LIMIT WATER 110 DEG F.
L-1A	LAVATORY	ADA	VITREOUS CHINA	- -	ANGLE STOPS	1 1/2"	WALL MOUNT	1 1/2"	1 1/2"	1/2"	1/2"	19" X 17" X 5-1/2" SINGLE VITREOUS CHINA SINK WITH SINGLE CENTER DRAIN. ADA ACCESSIBLE INSTALLATION HEIGHT. BASIS OF DESIGN: ZURN Z5350. MAXIMUM 0.5 GPM FAUCET WITH MANUAL CONTROL. PROVIDE ASSE 1070 VALVE TO LIMIT WATER 110 DEG F.
MS-1	MOP SINK	- -	FIBERGLASS	- -	ANGLE STOPS	3"	FLOOR	3"	1 1/2"	1/2"	1/2"	24" X 24" X 10" MINIMUM BASIN WITH STAINLESS STEEL GUARD. SERVICE FAUCET WITH BUCKET HOOK, INTEGRAL VACUUM BREAKER AND TWO HOLE MOUNTING.
SH-1A	SHOWER	ADA	- -	- -	ANGLE STOP	2"	FLOOR	2"	1 1/2"	1/2"	1/2"	36" X 36" 75" BARRIER FREE, AND CENTER DRAIN. EQUIPPED WITH L-SHAPE GRAB BAR, SEAT AND HAND HELD SHOWER ASSEMBLY WITH 30" SLIDE BAR AND 60" HOSE. ACCESSIBLE HEIGHT FIXTURES. PROVIDE FLOOR DRAIN.
SH-1	SHOWER	- -	- -	- -	ANGLE STOP	2"	FLOOR	2"	1 1/2"	1/2"	1/2"	36" X 36" 75" BARRIER FREE, AND CENTER DRAIN. HAND HELD SHOWER ASSEMBLY WITH 30" SLIDE BAR AND 60" HOSE. PROVIDE FLOOR DRAIN.
SH-2	OUTDOOR RINSE SHOWER	ADA	STAINLESS STEEL	- -	ANGLE STOP	- -	- -	- -	- -	- -	1/2"	OUTDOOR RINSE SHOWER. 8" RAIN SHOWER HEAD WITH DIVERTER FOR HAND HELD SHOWER ON SLIDING RAIL. POSITION HAND HELD SHOWER AT ACCESSIBLE HEIGHT.
WC-1A	WATER CLOSET	ADA	VITREOUS CHINA	1" SUPPLY, 1.28 GPF	1 1/2" TOP SPUD ANGLE STOP	INTEGRAL	WALL MOUNT	4"	2"	- -	1"	WALL MOUNTED, VERTICAL WALL CARRIER OUTLET, FLUSH VALVE TYPE. LOW FLOW 1.28 GPF SIPHON JET WATER CLOSET WITH MANUAL FLUSH VALVE. RIM HEIGHT AT ACCESSIBLE HEIGHT.
WC-1	WATER CLOSET	- -	VITREOUS CHINA	1" SUPPLY, 1.28 GPF	1 1/2" TOP SPUD ANGLE STOP	INTEGRAL	WALL MOUNT	4"	2"	- -	1"	WALL MOUNTED, VERTICAL WALL CARRIER OUTLET, FLUSH VALVE TYPE. LOW FLOW 1.28 GPF SIPHON JET WATER CLOSET WITH MANUAL FLUSH VALVE.

WATER HEATER

DESIGNATION	WH-1	WH-2
TYPE	ELECTRIC TANK	ELECTRIC TANK
LOCATION	JANITOR	UTILITY
STORAGE (GAL)	120	66
STORAGE TEMPERATURE (F)	140	140
INPUT (KW)	9.0	4.5
GPH AT 90 DEG F RISE	41	20
ELECTRICAL DATA	- -	- -
VOLTS	240	240
PHASE	1	1
HZ	60	60
BASIS OF DESIGN	STATE WATER HEATERS	STATE WATER HEATERS
MODEL	COMMERCIAL LIGHT DUTY ELECTRIC	COMMERCIAL LIGHT DUTY ELECTRIC
REMARKS	1	2
REMARKS LEGEND:		
1. PROVIDE TWO HEATING ELEMENTS DESIGNED FOR SIMULTANEOUS OPERATION.		
2. PROVIDE TWO HEATING ELEMENTS DESIGNED FOR NON-SIMULTANEOUS OPERATION.		

DW EXPANSION TANK

DESIGNATION	DET-1	DET-2
SERVICE	DOMESTIC HOT WATER	DOMESTIC HOT WATER
LOCATION	JANITOR	UTILITY
TYPE	DIAPHRAGM	DIAPHRAGM
FILL PRESSURE (PSI)	80	80
RELIEF VALVE PRESSURE SETTING (PSI)	50	50
MINIMUM TANK SIZE (GAL)	7.05	2.72
MAXIMUM ACCEPTANCE VOLUME (GAL)	8.6	6.4

PLUMBING SPECIALTIES SCHEDULE

DESIGNATION	FIXTURE	BODY MATERIAL	COLOR FINISH	OUTLET CONNECTION	INLET CONNECTION	DESCRIPTION
FCO	FLOOR CLEANOUT	CAST-IRON	BRASS	SEE PLANS	---	MEDIUM DUTY FLOOR CLEAN OUT TO FIT CORRESPONDING SIZED PIPES. CAST IRON BODY, GAS AND WATERTIGHT BRONZE TAPERED THREADED PLUG AND 6" ROUND NICKEL-BRONZE COVER.
FD-1	FLOOR DRAIN	CAST-IRON	NICKEL BRONZE	3"	---	NO HUB CONNECTION. PROVIDE P-TRAP WITH ASSE 1072 BARRIER-TYPE FLOOR DRAIN TRAP SEAL PROTECTION DEVICE.
HB-1	HOSE BIBB	BRONZE / STAINLESS STEEL	STAINLESS STEEL	3/4"	3/4"	BRONZE FINISH. NON-FREEZE. BUILT-IN ATMOSPHERIC VACUUM BREAKER, AND 0.75" HOSE THREAD OUTLET.
WCO	WALL CLEANOUT	CAST-IRON	BRASS	4"	---	MEDIUM DUTY FLOOR CLEAN OUT TO FIT 3 INCH PIPES. CAST IRON BODY, GAS AND WATERTIGHT BRONZE TAPERED THREADED PLUG AND 6" ROUND NICKEL-BRONZE COVER.

BACKFLOW PREVENTER SCHEDULE

DESIGNATION	LOCATION	SERVICE	SIZE	DESCRIPTION
BFP-1	JANITOR	BUILDING DCW SUPPLY	2"	VERTICAL TYPE WITH WYE STRAINER, RPZ VALVE ASSEMBLY.
BFP-2	UTILITY	BUILDING DCW SUPPLY	2"	VERTICAL TYPE WITH WYE STRAINER, RPZ VALVE ASSEMBLY.

DOMESTIC HOT WATER RECIRCULATION PUMP

DESIGNATION	DHWP-1
FLOW RATE (GPM)	1
HEAD (FT-H2O)	10
TYPE	IN-LINE CENTRIFUGAL
RPM	1,800
VOLTS	120
PHASE	1
FREQUENCY (Hz)	60
REMARKS	1,2
REMARKS LEGEND:	
1. PUMP MUST BE DESIGNED FOR POTABLE WATER USE.	
2. PROVIDE AQUASTAT AND TIME CLOCK.	

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
STAUNTON, VIRGINIA

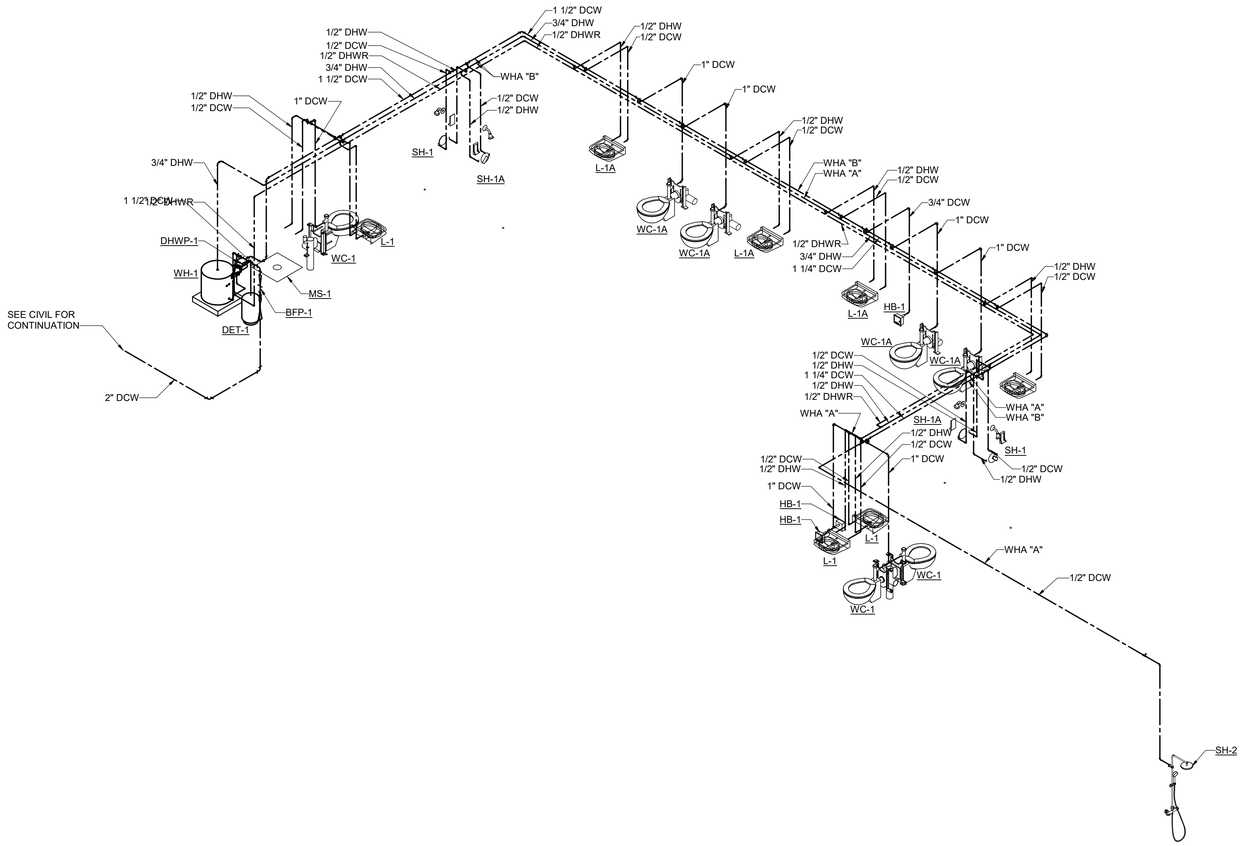
MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: ZDA | DESIGN: SWL
CHECK: JM

SHEET TITLE
SCHEDULES

SHT. NO. P-601 | REV. NO. 0

5/14/2025 4:31:32 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt



B5 DOMESTIC PIPING RISER DIAGRAM - POOL FACILITIES BUILDING

SCALE: NTS

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

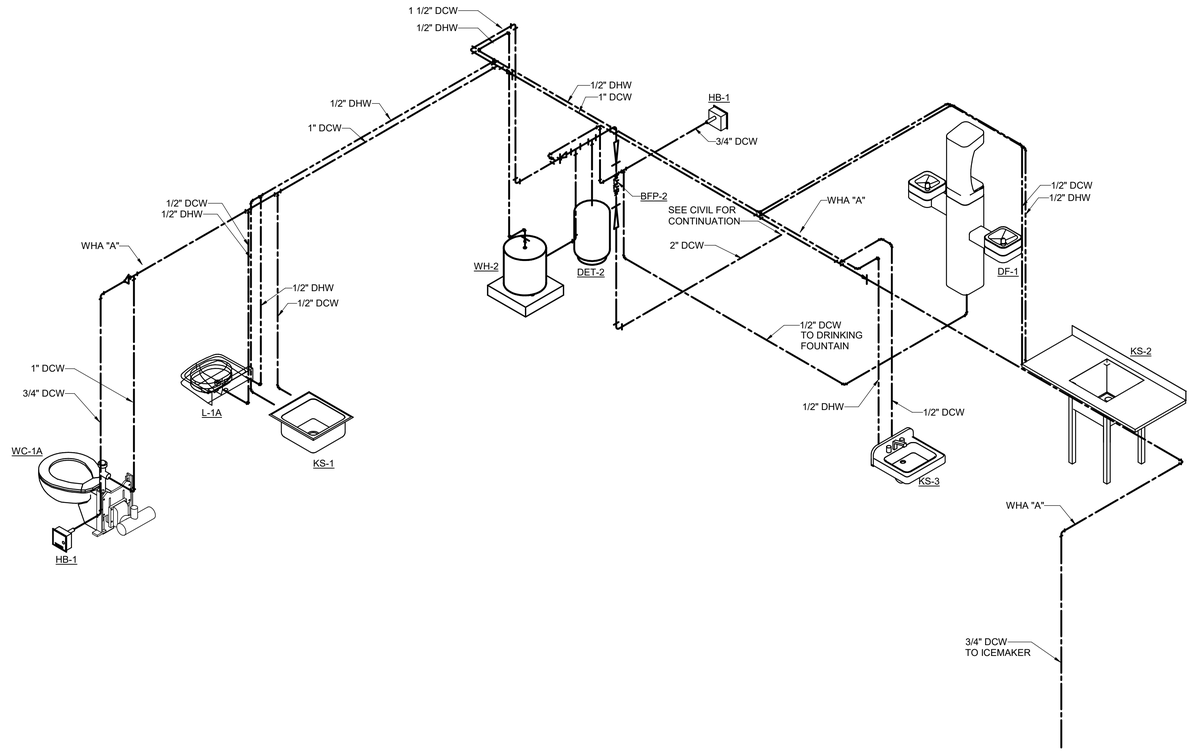
COMM NO:	240163		
DATE:	05/14/2025		
DRAWN:	ZDA	DESIGN:	SWL
CHECK:			JM

SHEET TITLE

RISER DIAGRAMS

SHT. NO.	REV. NO.
P-701	0

5/14/2025 4:31:33 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt



B5 DOMESTIC PIPING RISER DIAGRAM - POOL ADMINISTRATION BUIILDING

SCALE: NTS

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

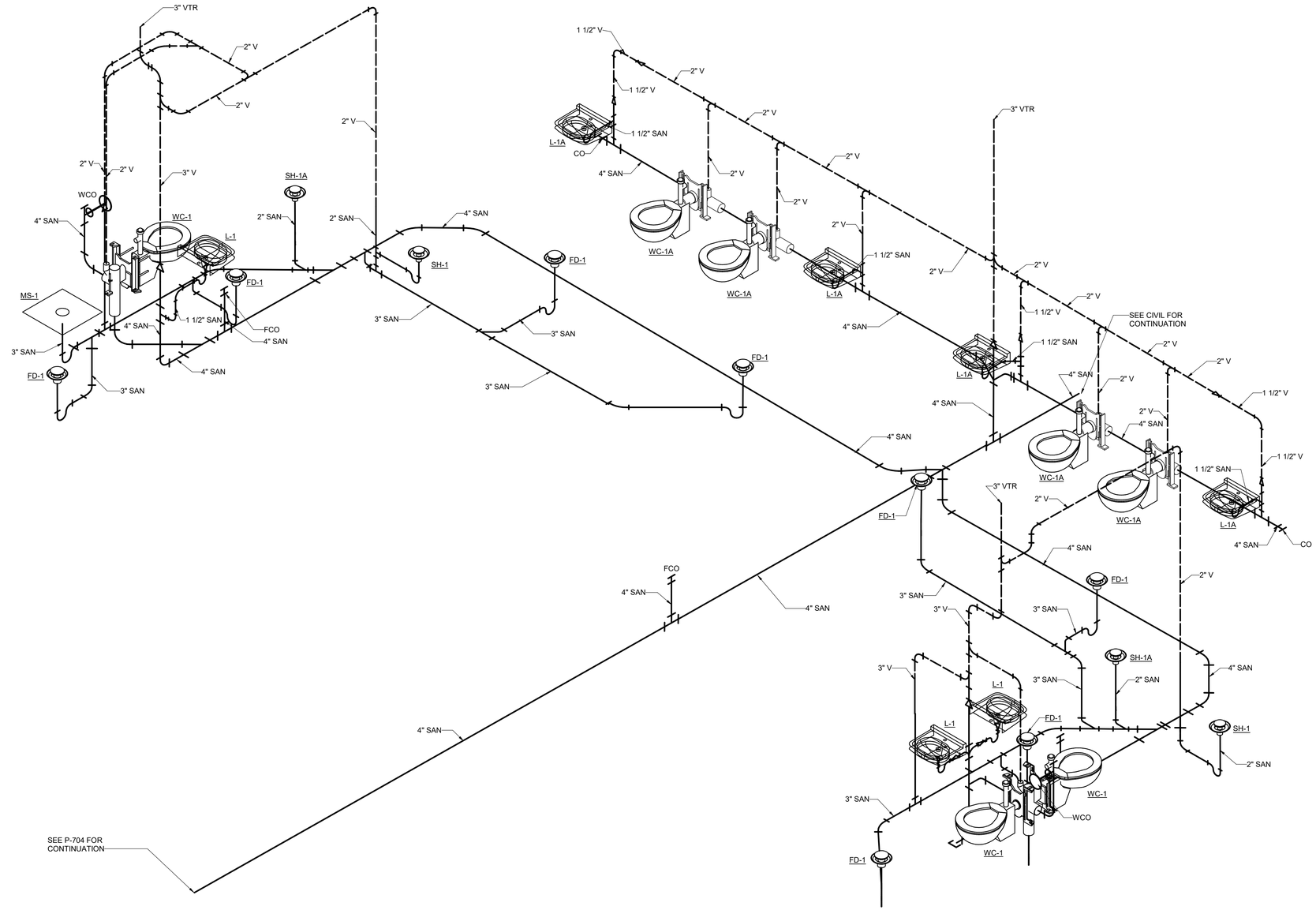
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

RISER DIAGRAMS

SHT. NO.	REV. NO.
P-702	0

5/14/2025 4:31:33 PM
C:\Users\zancan\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt



A6 SANITARY PIPING RISER DIAGRAM - POOL FACILITIES BUILDING

SCALE: NTS

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

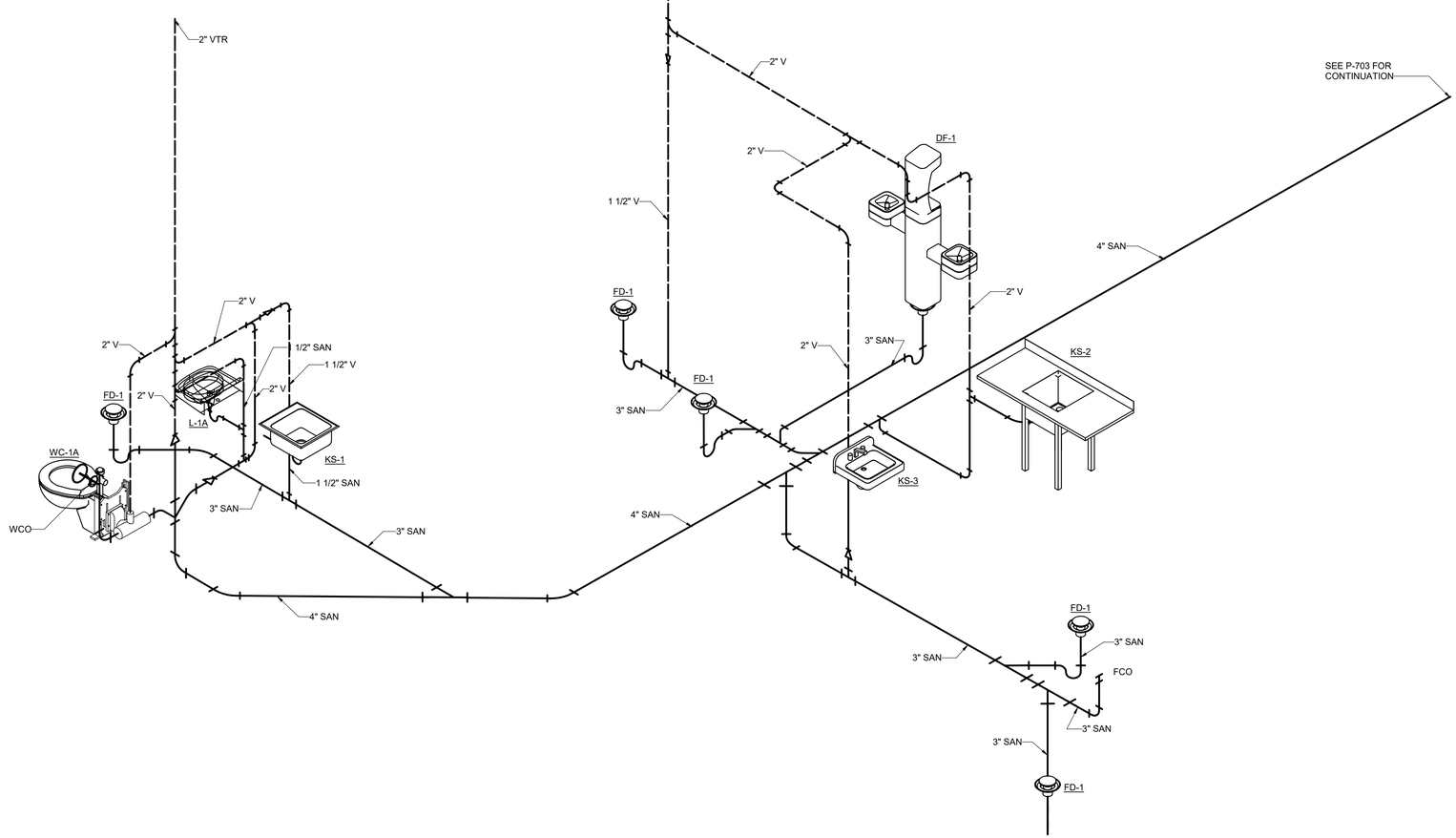
COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

RISER DIAGRAMS

SHT. NO.	REV. NO.
P-703	0

5/14/2025 4:31:33 PM
C:\Users\zancan\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt



B5 SANITARY PIPING RISER DIAGRAM - POOL ADMINISTRATION BUILDING

SCALE:

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
SCOTT W. LITTLE
Lic. No. 052220
05/14/2025
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

STAUNTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: ZDA	DESIGN: SWL
CHECK:	JM

SHEET TITLE

RISER DIAGRAMS

SHT. NO.	REV. NO.
P-704	0

5/14/2025 4:31:34 PM
C:\Users\zancar\OneDrive - wileywilson.com\Documents\240163_R23_MP_CEN_zancar3YFTE.rvt

POWER DISTRIBUTION SYSTEM LEGEND

480/277V PANELBOARD. DASHED REGION IS WORKING CLEARANCE.

208/120V PANELBOARD. DASHED REGION IS WORKING CLEARANCE.

ELECTRIC MOTOR CONNECTION.

DRY TYPE TRANSFORMER.

LIQUID-FILLED TRANSFORMER.

ELECTRICAL EQUIPMENT:
EQUIPMENT TYPE AS INDICATED ON FLOOR PLANS. EQUIPMENT SIZE AND SHAPE MAY VARY. TYPICAL EQUIPMENT REFERENCE DESIGNATORS INCLUDE:

SWBD = FLOOR-MOUNT SWITCHBOARD
ATS = AUTOMATIC TRANSFER SWITCH
MCC = MOTOR CONTROL CENTER
UPS = UNINTERRUPTIBLE POWER SUPPLY
VFD = VARIABLE FREQUENCY DRIVE

30/3
DISCONNECT SWITCH (NON-FUSED):
RATING AS INDICATED ON FLOOR PLANS.
INDICATES NUMBER OF POLES.
INDICATES FRAME SIZE.

30/20/3
DISCONNECT SWITCH (FUSED):
COORDINATE ACTUAL FUSE SIZE WITH EQUIPMENT MANUFACTURER.
INDICATES NUMBER OF POLES.
INDICATES FUSE SIZE. ASTERISK (*) INDICATES FUSE SIZE PER MANUFACTURER'S REQUIREMENTS.
INDICATES FRAME SIZE.

COMBINATION MOTOR STARTER AND DISCONNECTING MEANS.

MAGNETIC MOTOR STARTER.

$_{M}$ MOTOR RATED DISCONNECT SWITCH.

WALL MOUNTED JUNCTION BOX.

CEILING MOUNTED JUNCTION BOX.

HH
XX
ELECTRICAL HANDHOLE. DESIGNATOR INDICATES HANDHOLE IDENTIFIER.

MH
XX
ELECTRICAL MANHOLE. DESIGNATOR INDICATES MANHOLE IDENTIFIER.

ELECTRICAL MANHOLE.

CIRCUITRY, RACEWAYS AND FEEDERS LEGEND

HN3-1,3,5
BRANCH CIRCUIT HOMERUN TO PANEL HN3, CIRCUITS #1, 3 AND 5 (VIA THREE 1-POLE CIRCUIT BREAKERS). NUMBER OF ARROWS INDICATE NUMBER OF CIRCUITS IN HOME RUN. REFER TO PANEL SCHEDULE FOR BREAKER RATINGS AND CONDUCTOR INFORMATION.

HN3-1,3,5
FEEDER HOMERUN TO PANEL HN3, CIRCUITS #1, 3 AND 5 (VIA ONE 3-POLE CIRCUIT BREAKER). REFER TO PANEL SCHEDULE FOR BREAKER RATING AND CONDUCTOR INFORMATION.

CONDUIT RUN CONCEALED IN FINISHED AREAS AND EXPOSED IN UNFINISHED AREAS. SEE GENERAL NOTES.

CONDUIT RUN BELOW GRADE OR IN SLAB AS INDICATED.

UGE
UTILITY POWER CONDUCTORS RUN BELOW GRADE (NIC); SHOWN FOR COORDINATION PURPOSES.

CONDUIT TURN UP.

CONDUIT TURN DOWN.

CONDUIT CAP.

115D
FEEDER SIZE TAG SYMBOL. REFER TO "FEEDER SCHEDULE".

A A
DUCT BANK SECTION VIEW:
LETTERS INDICATE DETAIL.

WIRING DEVICES LEGEND

NOTE:

1. REFER TO "TYPICAL DEVICE MOUNTING HEIGHTS" DETAIL FOR DEVICE MOUNTING HEIGHTS.

DUPLEX RECEPTACLE, NEMA 5-20R. RECESSED DEVICE DENOTED AS ROUND HEAD. SURFACE MOUNTED DEVICE DENOTED AS SQUARE HEAD. TYPICAL ALL RECEPTACLE TYPES.

DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R.

SHADING OF RECEPTACLE AS SHOWN INDICATES RECEPTACLE TO BE MOUNTED 6" ABOVE COUNTER HEIGHT UNLESS OTHERWISE NOTED.

SIMPLEX RECEPTACLE, NEMA 5-20R.

X-XX
SPECIAL PURPOSE RECEPTACLE. "X-XX" DENOTES NEMA CONFIGURATION AS INDICATED ON DRAWINGS.

DUPLEX RECEPTACLE, NEMA 5-20R, FLUSH CEILING MOUNTED UNLESS OTHERWISE NOTED.

DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R, FLUSH CEILING MOUNTED UNLESS OTHERWISE NOTED.

SPECIAL PURPOSE RECEPTACLE (NEMA CONFIGURATION AS INDICATED ON DRAWINGS). FLUSH CEILING MOUNTED.

RECESSED, DOUBLE DUPLEX NEMA 5-20R FLOOR BOX RECEPTACLE.

RECESSED, DOUBLE DUPLEX NEMA 5-20R FLOOR BOX RECEPTACLE WITH DATA CONNECTION. COORDINATE INSTALLATION WITH TECHNOLOGY PLANS.

RECEPTACLE SUBSCRIPT KEY:

SAMPLE SYMBOL: GF, X19
INDICATES DEVICE CHARACTERISTIC. REFER TO SUBSCRIPT LIST BELOW FOR DESCRIPTION.
NUMBER INDICATES CIRCUIT NUMBER
LETTER DESIGNATES PANEL WHEN PRESENT.
REFER TO PANEL SCHEDULES TO COORDINATE.

SUBSCRIPT LIST:

CM = DEDICATED COFFEE MAKER GFCI RECEPTACLE
CO = DEDICATED COPIER RECEPTACLE
GF = GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE (GFCI)
MW = DEDICATED MICROWAVE GFCI RECEPTACLE
RF = DEDICATED REFRIGERATOR RECEPTACLE WITH GFCI CIRCUIT BREAKER
TV = TELEVISION RECEPTACLE. COORDINATE WITH TELECOM/AV DRAWINGS TO COLOCATE FINAL MOUNTING LOCATION WITH AUDIO/VISUAL CONNECTION DEVICE
USB = DUAL TYPE A/C CHARGER RECEPTACLE
WC = ELECTRIC WATER COOLER DEDICATED RECEPTACLE
WR = GFCI WEATHER RESISTANT RECEPTACLE WITH 'WEATHER PROOF WHILE IN USE' COVER.
SH = SHREDDER DEDICATED RECEPTACLE
PR = PRINTER / PLOTTER DEDICATED RECEPTACLE
IG = ISOLATED GROUND RECEPTACLE

POWER ONE-LINE LEGEND

UTILITY SOURCE.

GENERATOR.

DISTRIBUTION TRANSFORMER.

CURRENT TRANSFORMER.

DELTA CONFIGURATION.

WYE CONFIGURATION.

OVER CURRENT DEVICE DRAW OUT CONNECTION.

FUSE.

TU, D, **AT
CIRCUIT BREAKER:
"AT" - INDICATES AMPERE TRIP SETTING
"D" - INDICATES INTEGRAL ADD-ON DEVICE WHERE PRESENT
"TU" - INDICATES TRIP UNIT TYPE

SPD
SURGE PROTECTIVE DEVICE.

E, N, L
ATS XXA #-P
TRANSFER SWITCH:
"ATS" - INDICATES AUTOMATIC TRANSFER
"MTS" - INDICATES MANUAL TRANSFER
"XXA" - INDICATES AMP RATING
"#-P" - INDICATES NUMBER OF POLES

SWITCH POTIONS:
E=EMERGENCY
N=NORMAL
L=LOAD

DISCONNECT SWITCH:
RATING AS INDICATED ON ONE-LINE DIAGRAM.
DISCONNECT IS FUSED WHERE SHOWN WITH INTERNAL FUSING.

VARIABLE FREQUENCY DRIVE.

CAPACITOR.

OVERLOAD PROTECTION.

M
MOTOR CONNECTION.

(+) (-)
BATTERY SOURCE.

EQUIPMENT ENCLOSURE AS INDICATED ON ONE LINE DIAGRAM. EQUIPMENT SIZE AND SHAPE MAY VARY.

NODE/ LUG CONNECTION.

EARTH GROUND.

BUS/ FEEDER.

CONTROL WIRING.

INTERCEPTION POINT.

CONTINUATION.

GROUNDING, LIGHTNING PROTECTION LEGEND

GROUNDING BUS BAR

BONDING CONNECTION, EXOTHERMIC WELDED OR MECHANICAL

GROUNDING COUNTERPOISE CONDUCTOR

GROUNDING ROD

STRIKE TERMINATION DEVICE

MAIN CONDUCTOR CABLE

TW
VISUAL INSPECTION IN GROUND JUNCTION BOX / TEST WELL

1. SIZE CABLES I.A.W NFPA 780 (***YEAR***) TABLE A.4.1.1.1 AND TABLES 4.1.1.1.1 OR 4.1.1.1.2 UNLESS SPECIFICATIONS ARE MORE RESTRICTIVE.
2. PROVIDE WHERE AVAILABLE LABELED AND LISTED OR APPROVED BY THE AUTHORITY HAVING JURISDICTION ALL FITTINGS, CONNECTORS, DEVICES, CONDUCTORS, AIR TERMINAL, GROUND RODS AND ALL OTHER COMPONENTS APPROVED FOR USE IN LIGHTING PROTECTION SYSTEMS.
3. REFER TO SHEET NOTES, DETAILS AND SPECIFICATIONS FOR MORE INFORMATION.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
LEXINGTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: TFB | DESIGN: TFB
CHECK: CVR

SHEET TITLE
ELECTRICAL LEGENDS AND SYMBOLS

SHT. NO. E-001
REV. NO. 0

5/14/2025 3:18:42 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_toby\burge2524.rvt

ELECTRICAL GENERAL NOTES

1. IT IS THE INTENT OF THESE DRAWINGS AND OTHER RELATED DOCUMENTS TO PRODUCE A COMPLETE AND FUNCTIONING ELECTRICAL SYSTEM. PROVIDE ALL LABOR, MATERIALS, TESTS, AND OTHER SERVICES AS MAY BE NECESSARY TO ACHIEVE THIS PRODUCT. ELECTRICAL PLANS ARE DIAGRAMMATIC ONLY AND DEPICT SYSTEMS CONCEPTS, MAIN COMPONENTS, AND APPROXIMATE GEOMETRICAL RELATIONSHIP OF SYSTEMS COMPONENTS. PROVIDE ALL COMPONENTS AND MATERIALS NECESSARY TO PROVIDE FULLY COMPLETE AND FUNCTIONING SYSTEMS AS INDICATED ON DRAWINGS. PROVIDE INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS BUT NOT SHOWN ON PLANS AND VICE VERSA, AS IF EXPRESSLY REQUIRED ON BOTH.
2. SYMBOLS SHOWN IN THE LEGENDS ARE STANDARD SYMBOLS AND ALL MAY NOT NECESSARILY BE APPLICABLE TO THIS PROJECT.
3. CIRCUIT NUMBERS ARE FOR IDENTIFICATION PURPOSES ONLY. CORRECTLY SPACE THE CIRCUITS IN THE PANEL AND BALANCE THE LOAD ON THE PHASES UNDER NORMAL OPERATING CONDITIONS.
4. CONDUIT HOMERUNS SHOWN ON THE DRAWING WITH MORE THAN 3 CURRENT CARRYING CONDUCTORS ARE SHOWN DIAGRAMMATICALLY. INSTALL NO MORE THAN 3 CURRENT CARRYING CONDUCTORS IN A RACEWAY UNLESS DONE SO STRICTLY IN COMPLIANCE OF THE NATIONAL ELECTRIC CODE.
5. REVIEW ENTIRE CONSTRUCTION DOCUMENTS PACKAGE AND COORDINATE WORK OF OTHER TRADES. COORDINATE LOCATIONS OF EQUIPMENT, MOUNTING HEIGHTS, CONNECTION REQUIREMENTS, CONSTRUCTION HEADROOM, FINISHES, CASEWORK, ETC.
6. VERIFY WIRE SIZES, CB AND FUSE RATINGS FOR ALL HVAC EQUIPMENT, AND BRING TO THE ATTENTION OF THE ENGINEER ANY DISCREPANCIES AFFECTING THE WORK PRIOR TO PROCEEDING.
7. COORDINATE SIZING OF ALL MOTOR OVERLOAD DEVICES (HEATERS) IN STARTERS BASED ON ACTUAL NAMEPLATE RATINGS ON THE EQUIPMENT BEING INSTALLED.
8. COORDINATE WITH GENERAL CONTRACTOR FOR PROVISION OF DISCONNECT SWITCHES, STARTERS, VFD'S, AND ACCESSORIES PROVIDED UNDER OTHER DIVISIONS.
9. ALL WORK SHALL BE DONE AT SUCH TIMES AND IN SUCH A MANNER AS WILL LEAST INTERFERE WITH THE MAINTENANCE AND OPERATION OF ALL RELATED OR AFFECTED SYSTEMS. COORDINATE ALL POWER OUTAGES; FIRE ALARM SHUT DOWNS, ETC. WITH THE OWNER.
10. INSTALL ALL EQUIPMENT, DEVICES, AND CONDUIT IN A NEAT AND WORKMANLIKE MANNER PERPENDICULAR AND PARALLEL TO BUILDING STRUCTURE.
11. FIRESTOP ALL PENETRATIONS OF FLOOR AND WALLS TO RETAIN ORIGINAL FIRE RATING IN ACCORDANCE WITH IBC, NEC, NFPA AND OTHER STANDARDS ENFORCEABLE BY THE AHJ. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR LOCATIONS OF ALL RATED WALLS, CEILINGS AND FLOORS.
12. REFER TO ARCHITECTURAL PLANS FOR ALL WALL ASSEMBLIES. PROVIDE EXTENDER RINGS WHERE NECESSARY FOR FLUSH MOUNTED WIRING DEVICES.
13. PROVIDE ALL RACEWAYS ROUTED ACROSS BUILDING EXPANSION JOINTS WITH EXPANSION FITTINGS.
14. CONCEAL ALL CONDUCTORS, RACEWAYS AND CABLES IN CEILING OR WALL UNLESS OTHERWISE NOTED.
15. PROVIDE AN UPDATED PRINTED PANEL DIRECTORY IN EACH PANEL AFTER COMPLETION OF WORK.
21. VERIFY THAT ALL DOOR SWINGS ARE CORRECT BEFORE INSTALLING LIGHT SWITCH OUTLETS.
22. FOR FLUSH MOUNTED PANELBOARDS PROVIDE ONE SPARE CONDUIT, 3/4" (19MM), FOR EVERY THREE SPARE CIRCUITS BREAKERS. PROVIDE THE SPARE CONDUITS EXTENDING ABOVE THE CEILING AND DOWN BELOW RAISED FLOORS WHEN APPLICABLE.
23. USE CHANNEL SUPPORTS TO MOUNT ELECTRICAL EQUIPMENT SUCH AS CABINETS, PANELBOARDS, CONTROL ENCLOSURES, STARTERS, DISCONNECT SWITCHES, TRANSFORMERS, ETC. ON CONCRETE, MASONRY WALLS OR FIRE-RATED WALLS (1 HOUR OR HIGHER).
24. PROVIDE ALL STUBBED UP CONDUIT WITH BUSHINGS TO PROTECT CABLE.
25. ROUTE CONTROL WIRING IN SEPARATE CONDUITS FROM POWER WIRING.
26. INSTALL CONDUCTORS CONTINUOUS BETWEEN DEVICES, WITH SPLICES LOCATED ONLY IN JUNCTION BOXES OR IN CABINETS. CONDUCTORS SHALL BE OF SUFFICIENT LENGTH TO REACH THE FARTHEST TERMINAL IN PANELS. PROVIDE A MINIMUM OF 6" LOOPS WHERE CONNECTIONS OR TAPS ARE TO BE MADE IN BRANCH CIRCUIT WIRING.
27. PROVIDE ALL EMPTY CONDUIT RUNS IN EXCESS OF 10 FT. WITH A NYLON PULL WIRE OR FISH TAPE/CORD.
28. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
29. PROVIDE ELECTRICAL DEVICES AND BACKBOXES INSTALLED WITHIN STC RATED ASSEMBLIES OF 45 AND ABOVE ACOUSTICAL PUTTY MATCHING THE RATING OF THE ASSEMBLY. REFER TO ARCHITECTURAL PLANS AND DRAWING A-610 FOR LOCATIONS OF ALL RATED WALLS, CEILINGS AND FLOORS. SEE DETAIL E6 ON SHEET E-501.
30. COMPLY WITH BUY AMERICAN ACT REQUIREMENTS FOR ALL MATERIAL AND EQUIPMENT .
31. REDUCE DEPENDENCY ON THE NETWORK. AVOID DEPENDENCE ON THE NETWORK FOR THE EXECUTION OF SYSTEM CONTROL. WHERE DEPENDENCE ON A NETWORK COMMAND IS UNAVOIDABLE, ISOLATE THAT PORTION OF THE NETWORK SO THAT OTHER NETWORK OUTAGES DO NOT AFFECT THE LOCAL NETWORK. WHERE A USER INTERFACE IS REQUIRED FOR THE FUNCTIONING OF A SYSTEM CONTROL, PHYSICALLY CO-LOCATED THE LOCAL INTERFACE OR A DEDICATED FRONT END WITH THE EQUIPMENT.
32. VERIFY ELECTRICAL REQUIREMENTS OF OWNER PROVIDED EQUIPMENT WITH OWNER PRIOR TO INSTALLATION OF WORK.
33. REFER TO ARCHITECTURAL DRAWINGS FOR REFLECTED CEILING PLAN AND EXACT LOCATION AND QUANTITIES OF LUMINAIRES. ELECTRICAL LIGHTING PLANS ARE NOT INTENDED TO BE UTILIZED FOR LUMINAIRE LOCATIONS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION.
34. SUPPORT LUMINAIRES INSTALLED IN SUSPENDED CEILINGS DIRECTLY FROM THE STRUCTURE.
35. LABEL ALL ELECTRICAL J-BOXES WITH: PANEL NAME, CIRCUIT NUMBER, VOLTAGE, AND (IF APPLICABLE) EQUIPMENT SERVED.
36. ORIENT RECEPTACLES AS FOLLOWS:
    a. MOUNTED VERTICALLY, GROUND CONDUCTOR IS ON TOP.
    b. MOUNTED HORIZONTALLY, GROUNDED CONDUCTOR (NEUTRAL) IS ON TOP.
37. LABEL ALL CURRENT CARRYING CONDUCTORS, WHERE SPLICED OR TERMINATED AT A DEVICE, WITH THE CIRCUIT NUMBER A MINIMUM OF 3 INCHES BEFORE END OF WIRE.
38. PERFORM ALL ELECTRICAL WORK IN ACCORDANCE WITH NFPA 70 (***YEAR***) NATIONAL ELECTRICAL CODE (NEC), LOCAL CODES, AND THE AUTHORITY HAVING JURISDICTION (AHJ). PROVIDE ALL EQUIPMENT, DEVICES, AND MATERIAL WITH UNDERWRITERS LABORATORIES FOR ITS APPLICATION AS INSTALLED AND THE UL LABEL.
39. OBTAIN ALL PERMITS AND PAY SUCH FEES AS MAY BE NECESSARY FOR INSPECTIONS, TESTS, AND OTHER SERVICES WHICH ARE REQUIRED FOR THE COMPLETION OF THE WORK.
40. VISIT THE SITE AND EXAMINE CONDITIONS OF THE PREMISES AND THE CHARACTER AND EXTENT OF WORK REQUIRED PRIOR TO SUBMISSION OF BIDS. BRING ANY DIFFICULTIES IN COMPLYING WITH THE DRAWINGS AND SPECIFICATIONS TO THE ATTENTION OF ARCHITECT/ENGINEER BEFORE BIDDING.
41. SUBMIT REQUIRED SHOP DRAWINGS FOR ELECTRICAL EQUIPMENT, FIXTURES, DEVICES AND MATERIALS FOR APPROVAL BEFORE DELIVERY TO THE JOB SITE. EQUIPMENT, LUMINAIRES, DEVICES, AND MATERIAL DELIVERED TO THE JOB SITE OR INSTALLED PRIOR TO APPROVAL OF THE SHOP DRAWINGS, AND FOR WHICH THE SHOP DRAWINGS ARE SUBSEQUENTLY REJECTED, REPLACE WITH AN APPROVED ITEM AT NO ADDITIONAL COST TO THE OWNER.
42. PROVIDE AS BUILT DRAWINGS AND ALL MANUFACTURER'S DATA AND WARRANTY LITERATURE AT THE COMPLETION OF THE CONTRACT.
43. GUARANTEE WORK AND MATERIALS FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.
44. LABEL DEVICE FINISH PLATES (RECEPTACLES AND SWITCHES) WITH PANEL NAME AND CIRCUIT NUMBER.

ELECTRICAL ABBREVIATIONS

ELECTRICAL ABBREVIATIONS

ABBREVIATION	DEFINITION
ACSR	ALUMINUM CONDUCTOR STEEL REINFORCED
AF	AMPERE FRAME OR AMPERE FUSE
AFD	ADJUSTABLE FREQUENCY MOTOR DRIVE UNIT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AS	AMPERE SWITCH
AT	AMPERE TRIP OR AIR TERMINAL
AWG	AMERICAN WIRE GUAGE
B, CB, CKT BKR	CIRCUIT BREAKER
BAS	BUILDING AUTOMATION SYSTEM
BFG	BELOW FINISHED GRADE
BMGB	MAIN BUILDING GROUND BUSBAR
C	CONDUIT
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
COMM	COMMUNICATIONS
DDC	DIRECT DIGITAL CONTROLS
DISC SW	DISCONNECT SWITCH
DS	DISCONNECT SWITCH OR DISTRIBUTION SECTION
E OR EXIST.	EXISTING
EGB	EQUIPMENT GROUND BUSBAR
EM	EMERGENCY
EPO	EMERGENCY POWER OFF
FTL	FEED THRU LUGS
FUS	FUSE
FVNR	FULL VOLTAGE NON-REVERSING
G	GROUND
GF, GFI	GROUND FAULT CIRCUIT INTERRUPTER
GFCI, (OFCI)	GOVERNMENT (OWNER) FURNISHED CONTRACTOR INSTALLED
GFGI, (OFOI)	GOVERNMENT (OWNER) FURNISHED GOVERNMENT (OWNER) INSTALLED
GP	GENERAL PURPOSE
HP	HORSE POWER
J, JB	JUNCTION BOX
KV	KILOVOLTS
KVA	KILOVOLT AMPERES
KW	KILOWATTS
LAN	LOCAL AREA NETWORK
LED	LIGHT EMITTING DIODE
LPS	LIGHTNING PROTECTION SYSTEM
M	MAIN OR METER
MB, MCB	MAIN CIRCUIT BREAKER
MCCB	MOLDED CASE CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
MS	MAGNETIC STARTER
MSWBD	MAIN SWITCHBOARD
MTD	MOUNTED
MTR	METER
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NETA	NATIONAL ELECTRICAL TESTING ASSOCIATION
NF	NON-FUSED
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
O.C.	ON CENTER
OS	OCCUPANCY SENSOR
P	POLE OR PRIMARY
PBD	PANELBOARD
PC	PHOTOELECTRIC CELL
PH	PHASE
PVC	POLYVINYL CHLORIDE
PWR	POWER
RCPT OR RECPT	RECEPTACLE
S	SECONDARY OR SURFACE WALL MOUNTED
SC	SHORT CIRCUIT
SCC	SHORT CIRCUIT CURRENT
SPD	TRANSIENT VOLTAGE SURGE PROTECTIVE DEVICE
ST	SHUNT TRIP CIRCUIT BREAKER
SW	SWITCH
SYM	SYMMETRICAL
TMGB	TELECOM MAIN GROUND BUSBAR
TR	COMMUNICATIONS ROOM
TYP	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE OR WATT
WP	WEATHERPROOF IN USE
XFMR OR T	TRANSFORMER
XMTR	TRANSMITTER
Y	WYE CONNECTED
YDCT	WYE DELTA CLOSED TRANSITION

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
LEXINGTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: TFB | DESIGN: TFB
CHECK: CVR

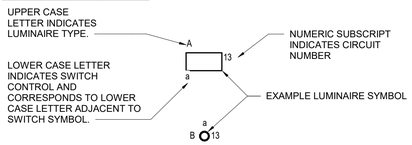
SHEET TITLE
ELECTRICAL GENERAL NOTES AND ABBREVIATIONS

SHT. NO. E-002 | REV. NO. 0

5/14/2025 3:18:42 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_tobyburge2524.rvt

LIGHTING EQUIPMENT LEGEND

LUMINAIRE SUBSCRIPT DESIGNATIONS



NOTE: REFER TO LUMINAIRE SCHEDULE FOR LUMINAIRE SPECIFIC INFORMATION AND PLAN SPECIFIC SYMBOLOGY.

EMERGENCY & EXIT LIGHTING SYMBOLS

SHADED LUMINAIRES INDICATE EMERGENCY EGRESS, AND DISCHARGE LIGHTING. SPECIFIC APPLICATION INDICATED ON PLANS.

EMERGENCY LIGHTING BATTERY UNIT WITH DUAL HEADS. UNIT SHALL PROVIDE 90 MINUTES (MINIMUM) OF EMERGENCY POWER.

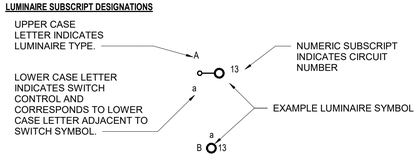
ILLUMINATED EXIT SIGN

CEILING MOUNTED — PROVIDE STENCILED FACE(S) AND DIRECTIONAL ARROWS AS REQUIRED TO DEMONSTRATE EGRESS PATH AS SHOWN ON PLANS.

WALL MOUNTED — ONE SHADED QUADRANT = SINGLE FACE EXIT SIGN
TWO SHADED QUADRANT = DOUBLE FACE EXIT SIGN

SITE LIGHTING EQUIPMENT LEGEND

LUMINAIRE SUBSCRIPT DESIGNATIONS



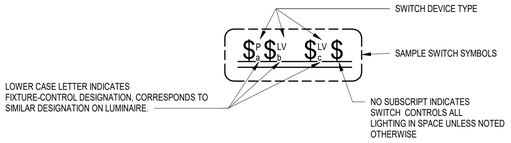
NOTE: REFER TO SITE FIXTURE SCHEDULE FOR LUMINAIRE SPECIFIC INFORMATION AND PLAN SPECIFIC SYMBOLOGY.

EMERGENCY / EGRESS SYMBOLS

SHADED LUMINAIRES INDICATE EMERGENCY EGRESS, AND DISCHARGE LIGHTING. SPECIFIC APPLICATION INDICATED ON PLANS.

LIGHTING CONTROL DEVICE LEGEND

SWITCHING DEVICE SUBSCRIPT DESIGNATIONS



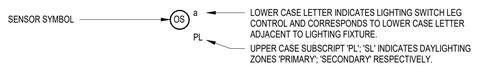
NOTES:

1. GANG ALL ADJACENT LIGHTING CONTROL DEVICES OF SIMILAR VOLTAGE TYPE HORIZONTALLY TOGETHER UNDER A SINGLE COVER PLATE. PROVIDE SWITCH(ES) OF VARYING VOLTAGES AT THE SAME LOCATION WITH INDIVIDUAL COVER PLATE(S) AND INSTALLED IN TIGHT ALIGNMENT WITH EACH OTHER.

SWITCHING DEVICE SYMBOLS

$	SINGLE POLE LIGHT SWITCH
$OS	ON-OFF OCCUPANCY SENSOR
$VS	ON-OFF VACANCY SENSOR
$VSD	0-10V DIMMER SWITCH WITH INTEGRAL VACANCY SENSOR

LOW-VOLTAGE SENSOR SYMBOLS



NOTE:

1. ALL OCCUPANCY SENSOR DEVICES SHOWN ON PLAN DEPICT INTENT OF COVERAGE ONLY. PROVIDE OCCUPANCY SENSORS AND ANCILLARY POWER PACKS, DEVICES, AND ASSOCIATED WIRING AS REQUIRED FOR COMPLETE AND FULLY FUNCTIONING SYSTEM AND INSTALL PER MANUFACTURER'S REQUIREMENTS TO MEET MAXIMUM COVERAGE.

VS — CEILING MOUNTED OCCUPANCY SENSOR.

OS — CEILING MOUNTED OCCUPANCY SENSOR.

PC — PHOTOCELL CONTROL.

LIGHTING GENERAL NOTES

1. SEE LUMINAIRE SCHEDULES, LIGHTING CONTROL DIAGRAMS, AND SEQUENCE OF OPERATIONS FOR MORE INFORMATION.
2. UNLESS OTHERWISE NOTED, MOUNTING HEIGHT OF A LUMINAIRE IS TO THE BOTTOM OF THE LUMINAIRE.
3. VERIFY THAT ALL DOOR SWINGS ARE CORRECT BEFORE INSTALLING LIGHT SWITCH OUTLETS.
4. COORDINATE PLACEMENT OF LUMINAIRES ON AND IN CEILINGS WITH ARCHITECTURAL CEILING PLANS AND ALL OTHER CEILING MOUNTED DEVICES FROM OTHER TRADES.
5. COORDINATE THE LOCATIONS AND MOUNTING HEIGHTS OF LUMINAIRES IN MECHANICAL, ELECTRICAL, TELECOM ROOMS AND OTHER SPACES THAT MAY HAVE CONFLICTS, WITH THE FINAL LOCATIONS OF PIPES, DUCTS, RACKS, AND OTHER EQUIPMENT FOR OPTIMAL ARRANGEMENT. LOCATING LUMINAIRES ABOVE EQUIPMENT IS NOT PERMITTED. LOCATE LUMINAIRES TO ENSURE CIRCULATION AROUND EQUIPMENT IS PROPERLY ILLUMINATED AND SO THAT LUMINAIRES ARE EASILY ACCESSIBLE FOR MAINTENANCE.
6. SUPPORT LUMINAIRES FROM THE BUILDING STRUCTURE INDEPENDENT OF DUCTS, PIPES, CEILINGS AND THEIR SUPPORT MEMBERS. COORDINATE ALL ELECTRICAL EQUIPMENT WITH ALL OTHER TRADES TO AVOID CONFLICTS. PROVIDE ALL NECESSARY FITTINGS, STRUT CHANNELS, EQUIPMENT, HANGERS, OFFSETS, ROUTING, ETC. TO AVOID CONFLICTS.
7. INSTALL DRIVERS, LOW-VOLTAGE TRANSFORMERS, LIGHTING SYSTEM CONTROL DEVICES, AND SIMILAR LUMINAIRES ACCESSORIES IN ACCESSIBLE LOCATION. PROVIDE ACCESS PANELS AS REQUIRED.
8. PROVIDE ALL ACCESSORIES INCLUDING LED ARRAYS, DRIVERS, TRANSFORMERS, SUPPORTS, AND CIRCUITRY AS NECESSARY FOR A COMPLETE AND OPERATIONAL LIGHTING SYSTEM PER PROJECT REQUIREMENTS.
9. PROVIDE A SEPARATE NEUTRAL FOR EACH SINGLE PHASE LIGHTING CIRCUIT. SHARED NEUTRALS ARE NOT PERMITTED.
10. PROVIDE PLENUM RATED LIGHTING CONTROL CABLES FOR LIGHTING CONTROL DEVICES LOCATED ABOVE CEILINGS NOT ROUTED IN CONDUIT.
11. ENSURE DIMMING DRIVER COMPATIBILITY WITH ASSOCIATED DIMMING CONTROL DEVICES AND ANY BUILDING LIGHTING CONTROL SYSTEM.
12. PROVIDE CONTROLLED EGRESS LIFE SAFETY LIGHTING WITH A UL924 LISTED BY-PASS RELAY DEVICE TO TRANSFER LIFE-SAFETY LIGHTING FROM CONTROLLED NORMAL POWER TO LIFE SAFETY POWER OR A UL924 LISTED SHUNT DEVICE TO TRANSITION CONTROLLED LIFE SAFETY LIGHTING TO FULL OUTPUT.
13. CONNECT EXIT SIGNS AND EMERGENCY LIGHTING UNITS AHEAD OF LOCAL SWITCHING.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
LEXINGTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

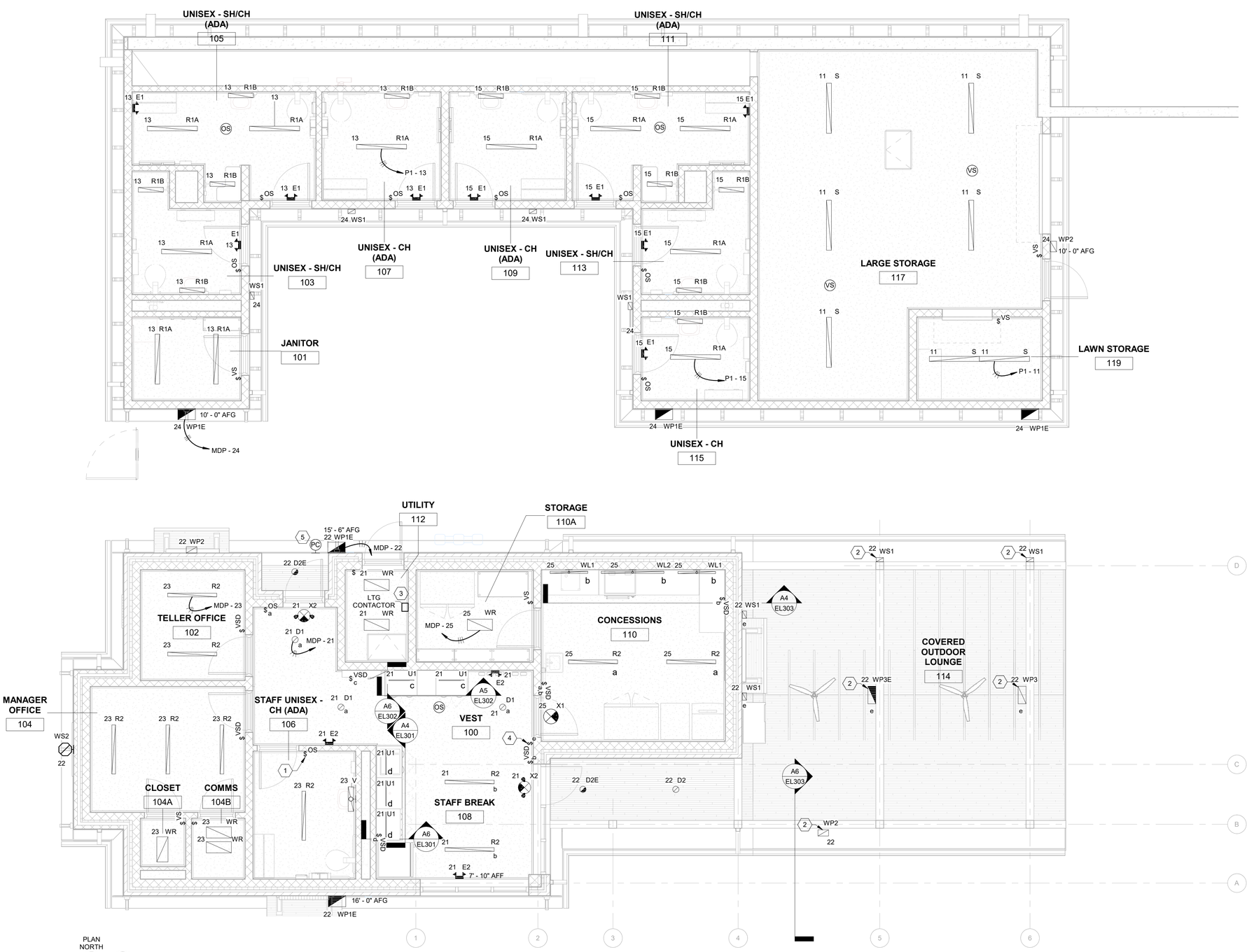
COMM NO:	240163
DATE:	05/14/2025
DRAWN: KDP	DESIGN: KDP
CHECK:	CVR

SHEET TITLE

LIGHTING LEGEND AND GENERAL NOTES

SHT. NO.	REV. NO.
E-003	0

5/14/2025 3:18:42 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_tobyburge2524.rvt



LIGHTING PLAN

A6

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

1. PROVIDE DOUBLE POLE SWITCH TO CONTROL RESTROOM EXHAUST FAN.
2. LUMINAIRE IS PART OF COVERED LOUNGE BID ALTERNATIVE.
3. LIGHTING CONTACTOR CONTROLS ALL BUILDING-MOUNTED LIGHTING CIRCUITS VIA EXTERIOR WALL MOUNTED PHOTOCELL CONTROL. SEE EL601 FOR DETAILS. SEE EP101 FOR CIRCUITING OF LIGHTING CONTACTOR.
4. LIGHT SWITCH CONTROLS LUMINAIRES IN COVERED OUTDOOR LOUNGE INDICATED WITH SWITCH TAG "e". LIGHT SWITCH IS USED IN CONJUNCTION WITH PHOTOCELL-CONTROLLED LIGHTING CONTACTOR TO ENABLE MANUAL CONTROL FOR OCCUPANTS WHILE ENSURING COVERED LOUNGE LIGHTS ARE TURNED OFF DURING THE DAY. LABEL SWITCH INDICATING THAT SWITCH ONLY OPERATES LIGHTS AFTER SUNSET.
5. PROVIDE PHOTOCELL CONNECTED TO LIGHTING CONTACTOR FOR EXTERIOR LIGHTING CONTROLS. MOUNT PHOTOCELL ON WALL AT HIGHEST POINT POSSIBLE, ABOVE ANY LUMINAIRES OR OTHER POSSIBLE OBSTRUCTIONS. AIM TOWARD NORTHERN SKY.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
LEXINGTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

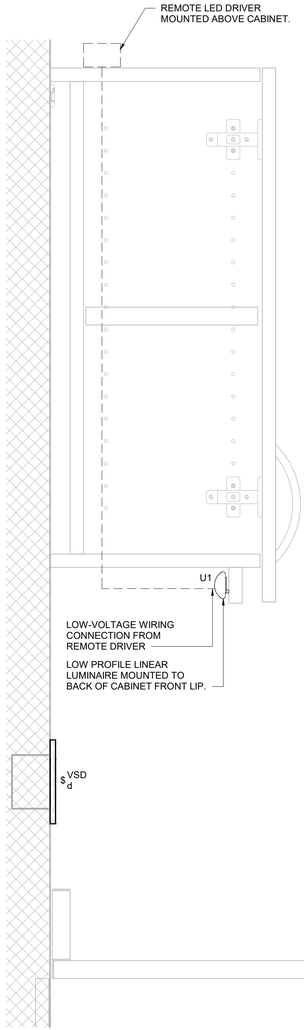
COMM NO:	240163
DATE:	05/14/2025
DRAWN: KDP	DESIGN: KDP
CHECK:	CVR

SHEET TITLE

LIGHTING PLAN

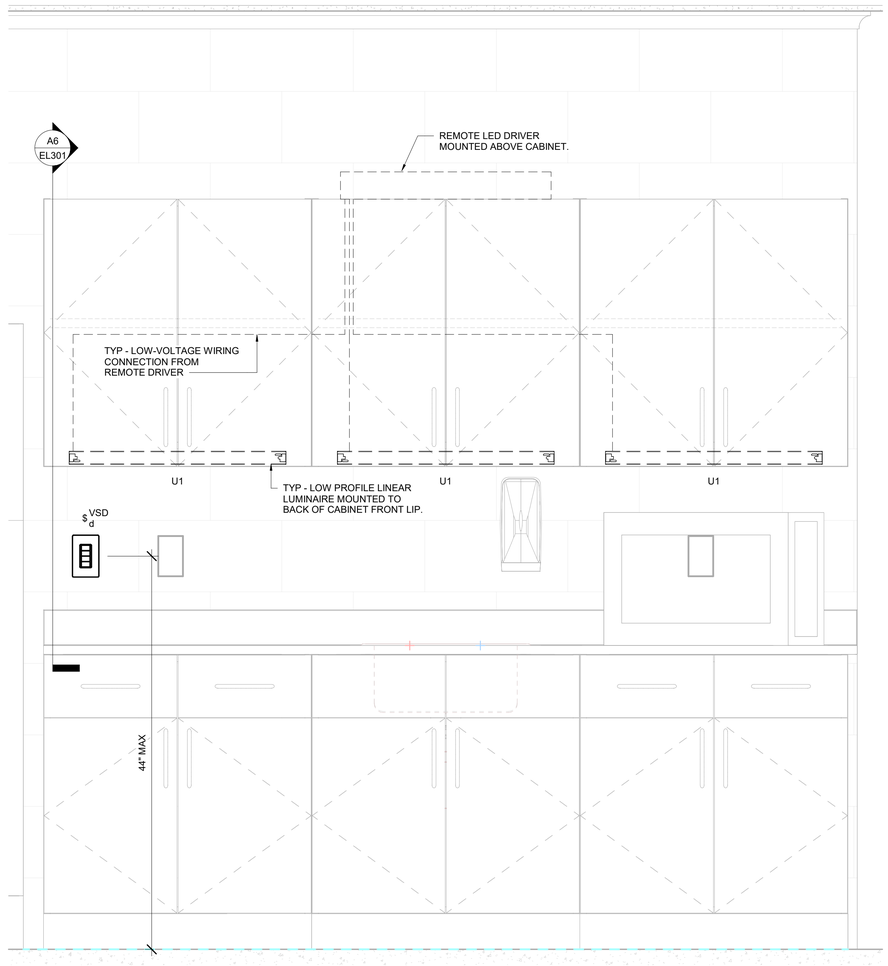
SHT. NO.	REV. NO.
EL101	0

5/14/2025 3:18:44 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_tobyburge2524.rvt



A6 UNDERCABINET LIGHTING SECTION - NORTH - STAFF BREAK 108

SCALE: 3" = 1'-0"



A4 UNDERCABINET LIGHTING SECTION - WEST - STAFF BREAK 108

SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

LEXINGTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

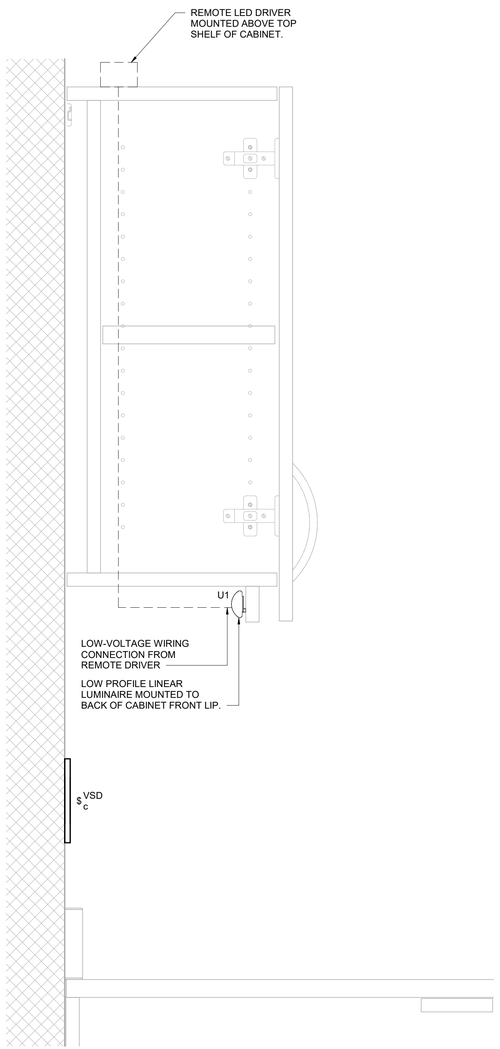
COMM NO:	240163
DATE:	05/14/2025
DRAWN: KDP	DESIGN: KDP
CHECK:	CVR

SHEET TITLE

LIGHTING SECTIONS

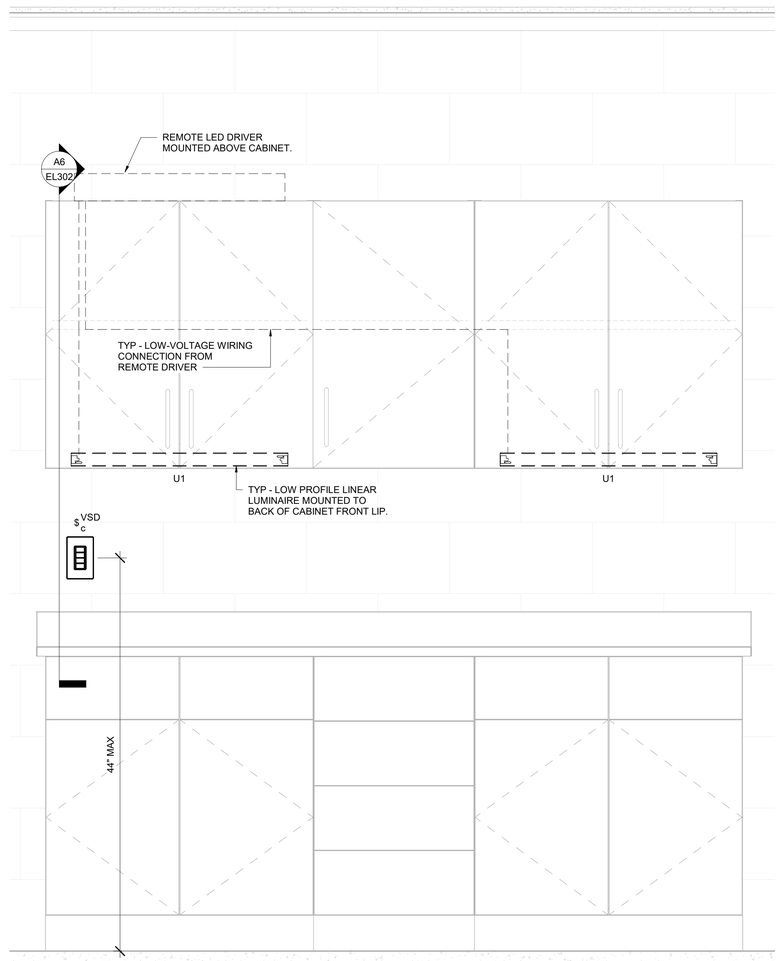
SHT. NO.	REV. NO.
EL301	0

5/14/2025 3:18:44 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_tobyburge2524.rvt



A6 UNDERCABINET LIGHTING SECTION - EAST - VEST 100

SCALE: 3" = 1'-0"



A5 UNDERCABINET LIGHTING SECTION - NORTH - VEST 100

SCALE: 1 1/2" = 1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

LEXINGTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: KDP	DESIGN: KDP
CHECK:	CVR

SHEET TITLE

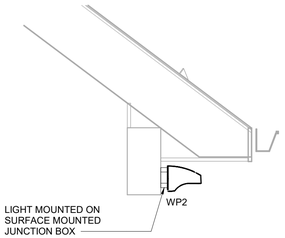
LIGHTING SECTIONS

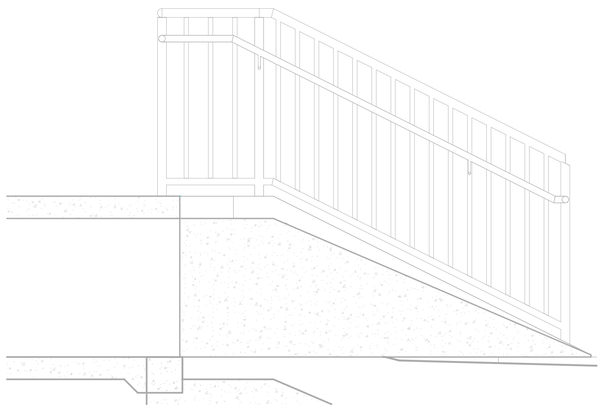
SHT. NO.	REV. NO.
EL302	0

5/14/2025 3:18:44 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_tobyburge2524.rvt

GENERAL SHEET NOTES

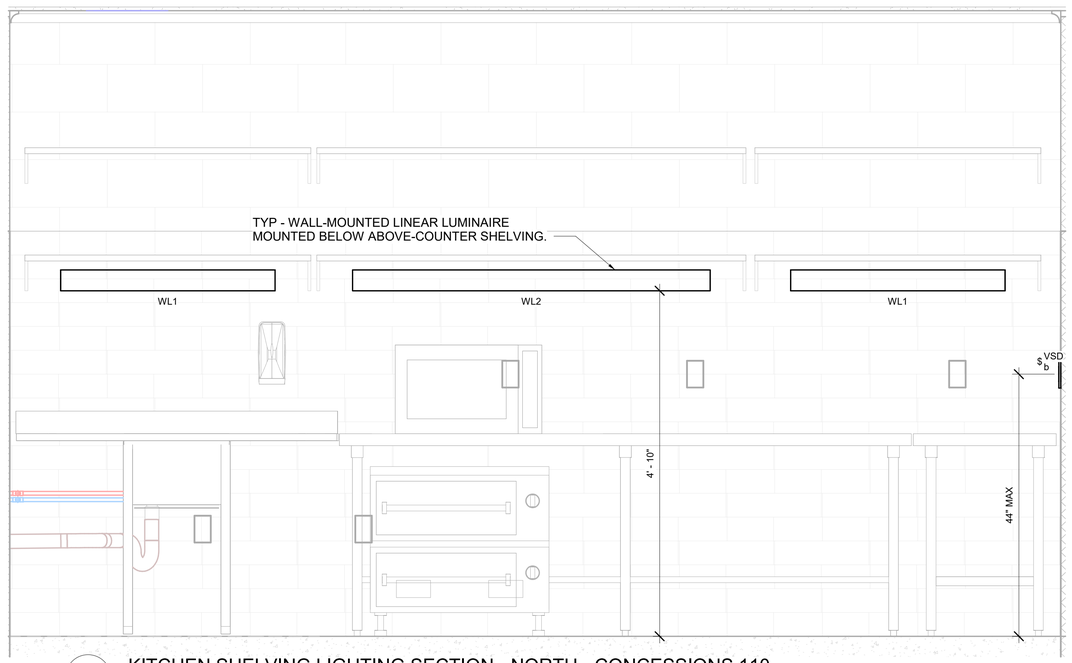
SHEET KEYNOTES





A6 COVERED LOUNGE STAIR LIGHTING SECTION

SCALE: 3/4" = 1'-0"



A4 KITCHEN SHELVING LIGHTING SECTION - NORTH - CONCESSIONS 110

SCALE: 1" = 1'-0"

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
LEXINGTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO:	240163
DATE:	05/14/2025
DRAWN: KDP	DESIGN: KDP
CHECK:	CVR

SHEET TITLE

LIGHTING SECTIONS

SHT. NO.	REV. NO.
EL303	0

5/14/2025 3:18:44 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_tobyburge2524.rvt

LUMINAIRE SCHEDULE

TYPE MARK	DESCRIPTION	MANUFACTURER	MODEL	LAMP	LUMENS	EMERGENCY LUMENS	VOLTAGE	INPUT POWER	DIMMING	CRI	CCT	MOUNTING	COMMENTS
D1	6 INCH RECESSED DOWNLIGHT, 1000LM NOMINAL, MULTI-VOLTAGE (120-277V), OPEN REFLECTOR, WIDE BEAM ANGLE, CLEAR ANODIZED FLANGED TRIM, NEW CONSTRUCTION	H.E. WILLIAMS	6DR-TL-L10/835-DIM-UNV-OW-OF-CS-N-XX	LED	982 lm	0 lm	120 V	9 VA	0-10V 10%	80	3500K	RECESSED	
D2	6 INCH RECESSED DOWNLIGHT, 200LM NOMINAL, MULTI-VOLTAGE (120-277V), REGRESSED LENS, WIDE BEAM ANGLE, IP65 RATED CLEAR ANODIZED FLANGED TRIM, WET LOCATION, COVERED CEILING LISTED, NEW CONSTRUCTION	H.E. WILLIAMS	6DR-TL-L10/835-(L2)-DIM-UNV-RW-OF-CS-IP-WET/CC-N-XX	LED	388 lm	0 lm	120 V	5 VA	0-10V 10%	80	3500K	RECESSED	
D2E	6 INCH RECESSED DOWNLIGHT, REMOTE BATTERY BACKUP, 200LM NOMINAL, MULTI-VOLTAGE (120-277V), REGRESSED LENS, WIDE BEAM ANGLE, IP65 RATED CLEAR ANODIZED FLANGED TRIM, WET LOCATION, COVERED CEILING LISTED, NEW CONSTRUCTION	H.E. WILLIAMS	6DR-TL-L10/835-(L2)-DIM-UNV-RW-OF-CS-IP-WET/CC-N-XX-EM/7W/IPRTS	LED	388 lm	388 lm	120 V	5 VA	0-10V 10%	80	3500K	RECESSED	7W BATTERY BACKUP W/ IP65 RATED REGRESSED TEST SWITCH
E1	EMERGENCY BATTERY LIGHTING UNIT, WET LOCATION, NEMA 3R, IP65, THERMOPLASTIC HOUSING, MULTI-VOLTAGE (120-277V), OFF-WHITE FINISH, 1500 mAH NI-MH BATTERY, (2) 100 LM ADJUSTABLE HEADS	EMERGI-LITE	N3B-2	LED	100 lm	100 lm	120 V	7 VA	N/A	N/A	N/A	WALL SURFACE	MOUNT AT 7' - 8" AFF, UON.
E2	EMERGENCY BATTERY LIGHTING UNIT, THERMOPLASTIC HOUSING, WHITE FINISH, (2) 70 LM HEADS, MULTI-VOLTAGE (120-277V), DAMP LOCATION RATED, NICKEL-CADMIUM BATTERY	EMERGI-LITE	EL-2LED	LED	70 lm	70 lm	120 V	12 VA	N/A	N/A	N/A	WALL SURFACE	MOUNT AT 7' - 0" AFF, UON.
R1A	4 FT RECESSED LINEAR, 4 INCH WIDTH, WET LOCATION, IP66, IK10, 350 LM/FT NOMINAL, FLUSH DIFFUSE LENS, WHITE POWDER COAT FINISH, BEZEL FLANGE, MULTI-VOLTAGE (120-277V)	STARTEK	RHYDRO-4-350-SD-35K-80-PW-CB-T-U-1C	LED	1401 lm	0 lm	120 V	13 VA	0-10V 10%	80	3500K	RECESSED	
R1B	2 FT RECESSED LINEAR, 4 INCH WIDTH, WET LOCATION, IP66, IK10, 350 LM/FT NOMINAL, FLUSH DIFFUSE LENS, WHITE POWDER COAT FINISH, BEZEL FLANGE, MULTI-VOLTAGE (120-277V)	STARTEK	RHYDRO-2-350-SD-35K-80-PW-CB-T-U-1C	LED	700 lm	0 lm	120 V	6 VA	0-10V 10%	80	3500K	RECESSED	
R2	4FT RECESSED LINEAR, 4 INCH WIDTH, 350 LM/FT NOMINAL, WHITE POWDER COAT FINISH, MULTI-VOLTAGE (120-277V), BEZEL FLANGE, FLUSH DIFFUSE LENS	STARTEK	RBEAM-4-350-SD-35K-80-PW-CB-U-1C	LED	1400 lm	0 lm	120 V	12 VA	0-10V 10%	80	3500K	RECESSED	
S	4FT STRIP, 2000LM NOMINAL, SURFACE MOUNT BRACKETS, MULTI-VOLTAGE (120-277V), GLARE REDUCTION REFLECTORS, WHITE FINISH, DIFFUSE ROUND ACRYLIC LENS	H.E. WILLIAMS	76R-4-L30/835-(L20)-SMH-76R-R1172-WHITE-DRV-UNV	LED	1952 lm	0 lm	120 V	14 VA	NONE	80	3500K	SURFACE	
U1	2FT ULTRA LOW PROFILE LINEAR, 1 1/2" WIDE, WIDE DISTRIBUTION, ROUND DIFFUSE ACRYLIC LENS, EXTRUDED ALUMINUM BODY, REMOTE DRIVER, 300 LM/FT NOMINAL, MULTI-VOLTAGE (120-277V)	H.E. WILLIAMS	SL-S-2-L3/835-RD-SM-PC10-DIM-UNV	LED	623 lm	0 lm	120 V	2 VA	0-10V 10%	80	3500K	SURFACE (CLIPS)	
V	2FT WALL SURFACE, IK10, FROSTED ROUND ACRYLIC LENS, 1300LM NOMINAL, MULTI-VOLTAGE (120-277V), WHITE FINISH	H.E. WILLIAMS	SLF-2-L13/835-HIA-WHITE-DRV-UNV	LED	1338 lm	0 lm	120 V	10 VA	NONE	80	3500K	WALL SURFACE	MOUNT HORIZONTALLY CENTERED 1' - 0" ABOVE MIRROR, UON.
WL1	3FT WALL-MOUNTED LINEAR, 2 INCH WIDTH, 350 LM/FT NOMINAL, BLACK POWDER COAT FINISH, MULTI-VOLTAGE (120-277V), WIDE DIFFUSE LENS	STARTEK	SLIMD-3-350-WD-35K-80-PB-WM-U-1C	LED	1050 lm	0 lm	120 V	8 VA	0-10V 10%	80	3500K	WALL SURFACE	MOUNT AT HEIGHT INDICATED ON DRAWINGS.
WL2	5FT WALL-MOUNTED LINEAR, 2 INCH WIDTH, 350 LM/FT NOMINAL, BLACK POWDER COAT FINISH, MULTI-VOLTAGE (120-277V), WIDE DIFFUSE LENS	STARTEK	SLIMD-5-350-WD-35K-80-PB-WM-U-1C	LED	1750 lm	0 lm	120 V	14 VA	0-10V 10%	80	3500K	WALL SURFACE	MOUNT AT HEIGHT INDICATED ON DRAWINGS.
WP1E	HORIZONTAL ARCHITECTURAL WALL PACK, DIE CAST ALUMINUM ENCLOSURE, FULL CUTOFF, DARK BRONZE FINISH, 4W INTEGRAL BATTERY, 3000LM NOMINAL, FORWARD THROW DISTRIBUTION, PRISMATIC TEMPERED GLASS LENS, TAMPER-RESISTANT SCREWS, MULTI-VOLTAGE (120-277V)	H.E. WILLIAMS	VWPH-L30/730-TFT-DBZ-SDGL-EM/4W-TP-DIM-UNV	LED	3095 lm	573 lm	120 V	27 VA	0-10V 10%	70	3000K	WALL SURFACE	MOUNT AT 7' - 0" AFG, UON.
WP2	HORIZONTAL ARCHITECTURAL WALL PACK, DIE CAST ALUMINUM ENCLOSURE, FULL CUTOFF, DARK BRONZE FINISH, 1000LM NOMINAL, LAMBERTIAN DISTRIBUTION, PRISMATIC TEMPERED GLASS LENS, TAMPER-RESISTANT SCREWS, MULTI-VOLTAGE (120-277V)	H.E. WILLIAMS	VWMH-L10/830-TL-DBZ-SDGL-TP-DIM-UNV	LED	1365 lm	0 lm	120 V	13 VA	0-10V 10%	80	3000K	WALL SURFACE	MOUNT AT 7' - 0" AFG, UON.
WP3	HORIZONTAL ARCHITECTURAL WALL PACK, DIE CAST ALUMINUM ENCLOSURE, FULL CUTOFF, DARK BRONZE FINISH, 3000LM NOMINAL, TYPE III DISTRIBUTION, PRISMATIC TEMPERED GLASS LENS, TAMPER-RESISTANT SCREWS, MULTI-VOLTAGE (120-277V), CONDUIT ENTRY ENCLOSURE	H.E. WILLIAMS	VWPH-L30/730-T3-DBZ-SDGL-TP-CD-DIM-UNV	LED	3229 lm	0 lm	120 V	27 VA	0-10V 10%	70	3000K	WALL SURFACE	MOUNT CENTERED ON CANOPY BEAM, AIM UPWARD TOWARDS CANOPY CEILING.
WP3E	HORIZONTAL ARCHITECTURAL WALL PACK, 4W INTEGRAL BATTERY BACKUP, DIE CAST ALUMINUM ENCLOSURE, FULL CUTOFF, DARK BRONZE FINISH, 3000LM NOMINAL, TYPE III DISTRIBUTION, PRISMATIC TEMPERED GLASS LENS, TAMPER-RESISTANT SCREWS, MULTI-VOLTAGE (120-277V), CONDUIT ENTRY ENCLOSURE	H.E. WILLIAMS	VWPH-L30/730-T3-DBZ-SDGL-EM/4W-TP-CD-DIM-UNV	LED	3229 lm	597 lm	120 V	27 VA	0-10V 10%	70	3000K	WALL SURFACE	MOUNT CENTERED ON CANOPY BEAM, AIM UPWARD TOWARDS CANOPY CEILING.
WR	2FT WRAP, 1700LM NOMINAL, FROSTED PRISMATIC ACRYLIC DIFFUSER, WHITE FINISH, MULTI-VOLTAGE (120-277V)	H.E. WILLIAMS	17-2-L27/835-AF-(L17)-WHITE-DRV-UNV	LED	1715 lm	0 lm	120 V	13 VA	NONE	80	3500K	SURFACE	
WS1	DECORATIVE EXTERIOR WALL SCONCE, CRAFTSMAN STYLE, ARCHITECTURAL BRONZE FINISH, ZERO UPLIGHT, WIDE DISTRIBUTION, WHITE ACRYLIC LENS, MULTI-VOLTAGE (120-277V), 900LM NOMINAL, VANDAL-RESISTANT	EVERGREEN	201109LS-AB-VPE	LED	645 lm	0 lm	120 V	9 VA	NONE	80	3000K	WALL SURFACE	MOUNT AT 6' - 0" AFG UON.
WS2	DECORATIVE EXTERIOR WALL ARM LANTERN, WHITE ACRYLIC LENS, ARCHITECTURAL BRONZE COLOR, ZERO UPLIGHT DISTRIBUTION, VANDAL RESISTANT, 2000LM NOMINAL, MULTI-VOLTAGE (120-277V)	EVERGREEN	SIC2220LS-AB-VPE	LED	2231 lm	0 lm	120 V	20 VA	NONE	80	3000K	WALL ARM	MOUNT AT 8' - 9" AFG UON.
X1	EXIT SIGN, THERMOPLASTIC HOUSING, WHITE FINISH, RED LETTERING, NICKEL CADMIUM BATTERY	EMERGI-LITE	ELXN400RN	LED			120 V	5 VA	N/A	N/A	N/A	CEILING SURFACE	
X2	EMERGENCY COMBO EXIT SIGN, THERMOPLASTIC HOUSING, WHITE FINISH, RED LETTERING, (2) ADJUSTABLE HEADS, NICKEL CADMIUM BATTERY	EMERGI-LITE	ELXN400R-2LED	LED	70 lm	70 lm	120 V	5 VA	N/A	N/A	N/A	CEILING SURFACE	

LIGHTING CONTROLS MATRIX

NUMBER	NAME	SCENARIO TYPE
100	VEST	3
101	JANITOR	2
102	TELLER OFFICE	4
103	UNISEX - SH/CH	3
104	MANAGER OFFICE	4
104A	CLOSET	2
104B	COMMS	1
105	UNISEX - SH/CH (ADA)	3
106	STAFF UNISEX - CH (ADA)	3
107	UNISEX - CH (ADA)	3
108	STAFF BREAK	4
109	UNISEX - CH (ADA)	3
110	CONCESSIONS	4
110A	STORAGE	2
111	UNISEX - SH/CH (ADA)	3
112	UTILITY	1
113	UNISEX - SH/CH	3
115	UNISEX - CH	3
117	LARGE STORAGE	5
119	LAWN STORAGE	2

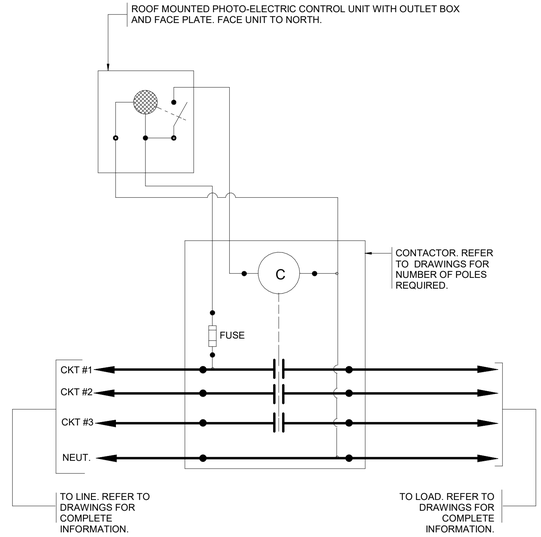
SCENARIO TYPE	SCENARIO SEQUENCE OF OPERATIONS DESCRIPTION
1	LIGHTING TURNS ON-OFF MANUALLY VIA LOCAL LINE VOLTAGE SNAP SWITCH.
2	MANUAL ON TO 100% LIGHT OUTPUT MANUALLY VIA LOCAL SWITCH. LIGHTING TURNS OFF COMPLETELY UPON SENSING VACANCY AFTER 20 MINUTES VIA THE VACANCY SENSOR.
3	LIGHTING TURNS ON AUTOMATICALLY TO 100% LIGHT OUTPUT UPON SENSING OCCUPANCY VIA OCCUPANCY SENSOR. LIGHTING TURNS OFF COMPLETELY UPON SENSING VACANCY AFTER 20 MINUTES. LOCAL CONTROL SWITCH PROVIDED.
4	MANUAL ON TO 50%. LOCAL DIMMING WALL SWITCH PERMITS OCCUPANT TO ADJUST LIGHTING LEVELS TO SUIT. LIGHTING TURNS OFF COMPLETELY UPON SENSING VACANCY AFTER 20 MINUTES VIA VACANCY SENSOR.
5	MANUAL ON TO 100% LIGHT OUTPUT MANUALLY VIA LOCAL SWITCH. LIGHTING DIMS TO 1 FC UPON SENSING VACANCY AFTER 20 MINUTES VIA VACANCY SENSOR.
UNDERCABINET / TASK LIGHTING	MANUAL ON TO 100% LIGHT OUTPUT MANUALLY VIA LOCAL SWITCH. LIGHTING TURNS OFF COMPLETELY UPON SENSING VACANCY AFTER 20 MINUTES VIA THE VACANCY SENSOR.
SITE LIGHTING	CENTRALIZED PHOTOCELL TURNS ON LIGHTING VIA CONTACTOR WHEN SENSING 2 FOOT-CANDLES OR BELOW FOR 15-MINUTE DURATION AND TURNS OFF LIGHTING WHEN SENSING 5 FOOT-CANDLES OR ABOVE FOR 15-MINUTE DURATION. LIGHTING IS MANUALLY CONTROLLED VIA "HAND-OFF-AUTO" CONTROLS ON LIGHTING CONTACTOR(S).

LUMINAIRE SCHEDULE NOTES:

1. THE FOLLOWING MANUFACTURERS WILL BE CONSIDERED EQUAL, PROVIDED THAT THE SUBSTITUTED LUMINAIRE IS SIMILAR IN SIZE, AESTHETIC, FINISH, BUILD, MATERIAL, INSTALLATION, MAINTAINABILITY, AND PERFORMANCE (INCLUDING, BUT NOT LIMITED TO: DELIVERED LUMENS, OPTICAL DISTRIBUTION, EFFICACY, DIMMING RANGE, COLOR QUALITY, AND COLOR CONSISTENCY) TO THAT SPECIFIED: ACUITY BRANDS LIGHTING, COOPER LIGHTING, SIGNIFY LIGHTING, CURRENT LIGHTING. LUMINAIRES BY MANUFACTURERS OTHER THAN THOSE LISTED MAY ALSO BE CONSIDERED EQUAL, PROVIDED THAT THEY MEET THE ABOVE CRITERIA. FOR EQUALS FROM MANUFACTURERS OTHER THAN THOSE LISTED, CONTACT ENGINEER FOR APPROVAL PRIOR TO BID.
2. FOR EXIT SIGNS, PROVIDE QUANTITY AND TYPE OF FACES AND EXIT DIRECTION CHEVRONS AS INDICATED ON PLANS.
3. LUMINAIRE MOUNTING HEIGHTS ARE FROM THE BOTTOM OF THE LUMINAIRE, UON.

LIGHTING CONTROLS NOTES:

1. LIGHTING CONTROLS BASIS OF DESIGN: LEGRAND WATTSTOPPER.
2. IN SPACES GREATER THAN OR EQUAL TO 300 SQUARE FEET, ENSURE THAT LIGHTING CONTROLS DIM ALL LIGHTS TO A LEVEL AT OR ABOVE 1 FOOT-CANDLE IN THE "OFF" STATE FOR EGRESS. LIGHTS IN THESE SPACES SHOULD NEVER TURN COMPLETELY OFF IN NORMAL OPERATION.



B2 TYPICAL PHOTOCELL CONTROLLED CONTACTOR DETAIL

SCALE: NOT TO SCALE

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON

GYPSY HILL PARK POOL HOUSE

LEXINGTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

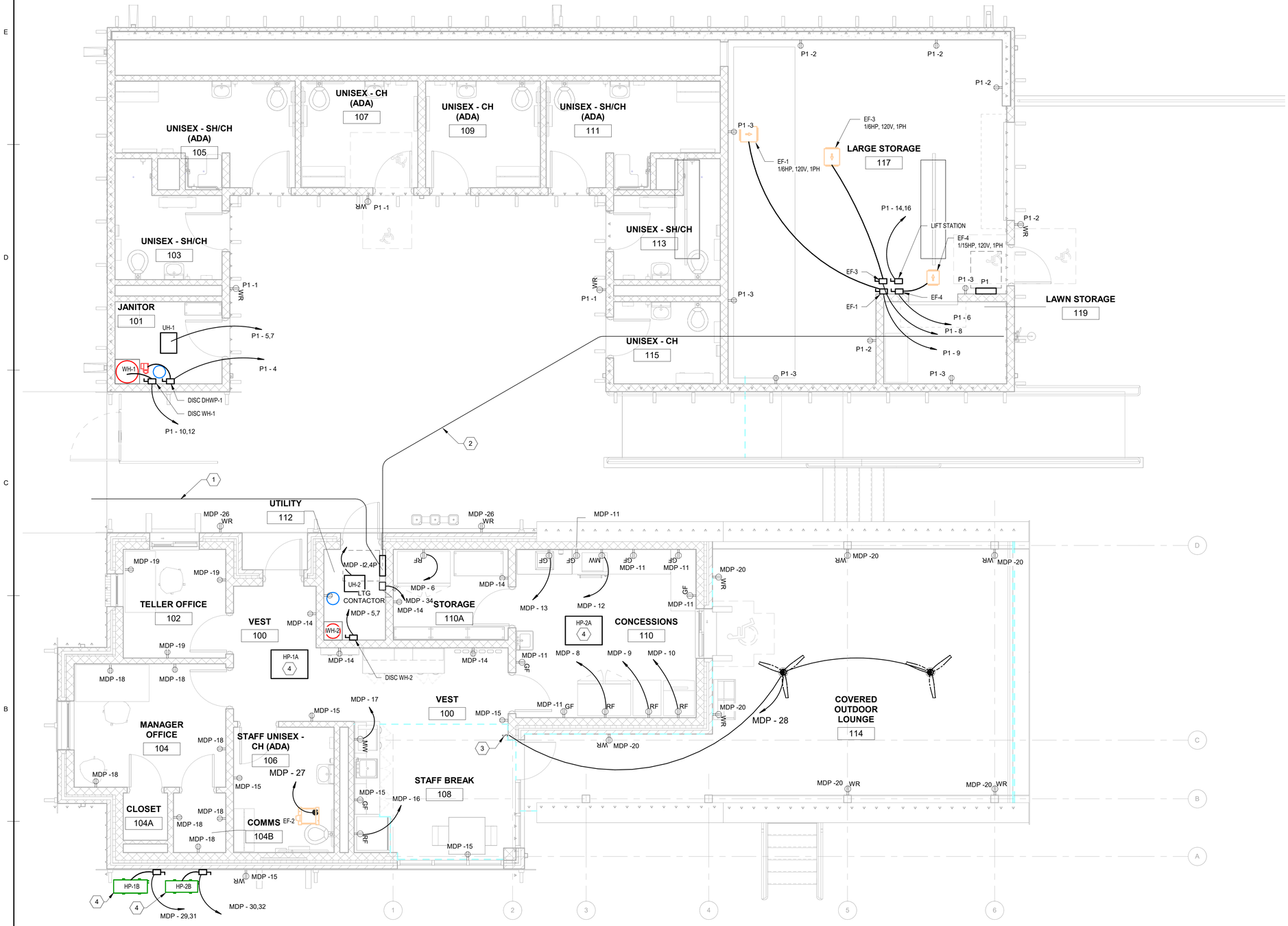
COMM NO:	240163
DATE:	05/14/2025
DRAWN: KDP	DESIGN: KDP
CHECK:	CVR

SHEET TITLE

LIGHTING SCHEDULES AND DETAILS

SHT. NO.	REV. NO.
EL601	0

5/14/2025 3:18:45 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_tobyburge2524.rvt



PLAN NORTH

A6 POWER PLAN

SCALE: 1/4" = 1'-0"

0' 2' 4' 8'

SCALE: 1/4"=1'-0"

GENERAL SHEET NOTES

SHEET KEYNOTES

1. ROUTE NEW SERVICE CONDUIT TO EXISTING UTILITY POLE. COORDINATE WITH PLUMBING AND CIVIL DRAWINGS TO AVOID STORM DRAIN AND WATER LINES.
2. ROUTE CONDUIT FROM PANEL MDP TO PANEL P1. COORDINATE WITH PLUMBING DRAWINGS TO AVOID SANITARY LINES.
3. PROVIDE SPEED CONTROL SWITCH FOR OPERATION OF OUTDOOR FANS.
4. INDOOR UNIT POWERED FROM OUTDOOR UNIT. COORDINATE WITH MECHANICAL CONTRACTOR FOR CONNECTIONS.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
LEXINGTON, VIRGINIA

MRK.	DATE	REVISION DESCRIPTION

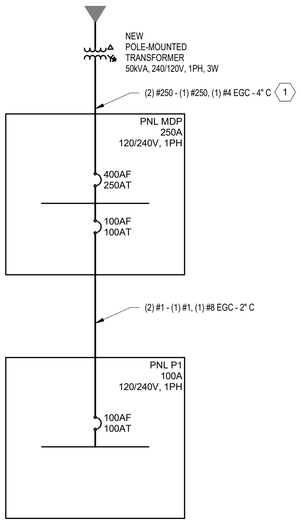
COMM NO:	240163
DATE:	05/14/2025
DRAWN: TFB	DESIGN: TFB
CHECK:	CVR

SHEET TITLE

POWER PLAN

SHT. NO.	REV. NO.
EP101	0

5/14/2025 3:18:46 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_toyburge2524.rvt



1 SIGNLE LINE DIAGRAM

SCALE: NOT TO SCALE

Branch Panel: MDP

Location: UTILITY 112
Supply From:
Mounting: Surface
Enclosure:

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating: 22kaic
Mains Type: MCB
Mains Rating: 250 A
MCB Rating: 250 A

Notes:

CKT	Circuit Description	Trip	Wire Size	A (kVA)		B (kVA)		Wire Size	Trip	Circuit Description	CKT
1	P1	100 A	2-#1, 1-#1, 1-#8	10.76	1.5			2-#12, 1-#12, 1-#12	20 A	UH-9	2
3						10.16	1.5				4
5	WH-2	60 A	2-#4, 1-#4, 1-#10	2.25	0.18			1-#12, 1-#12, 1-#12	20 A	REFRIGERATOR RM 110A	6
7						2.25	0.18	1-#12, 1-#12, 1-#12	20 A	REFRIGERATOR RM 110	8
9	REFRIGERATOR RM 110	20 A	1-#12, 1-#12, 1-#12	0.18	0.18			1-#12, 1-#12, 1-#12	20 A	REFRIGERATOR RM 110	10
11	RECPTS RM 110	20 A	1-#12, 1-#12, 1-#12			1.08	0.18	1-#12, 1-#12, 1-#12	20 A	MICROWAVE RM 110	12
13	GARBAGE DISPOSAL	20 A	1-#12, 1-#12, 1-#12	0.18	1.08			1-#12, 1-#12, 1-#12	20 A	RECPTS RMS 100, 110A, 112	14
15	RECPTS RMS 100, 106, 108	20 A	1-#12, 1-#12, 1-#12			1.08	0.18	1-#12, 1-#12, 1-#12	20 A	REFRIGERATOR RM 108	16
17	MICROWAVE RM 108	20 A	1-#12, 1-#12, 1-#12	0.18	1.26			1-#12, 1-#12, 1-#12	20 A	RECPTS RMS 104, 104B	18
19	RECPTS RM 102	20 A	1-#12, 1-#12, 1-#12			0.54	1.26	1-#10, 1-#10, 1-#10	20 A	RECEPTS EXTERIOR 114	20
21	LTG RM 100, 108, 112	20 A	1-#12, 1-#12, 1-#12	0.05	0.17			1-#12, 1-#12, 1-#12	20 A	LTG EXTERIOR OFFICES	22
23	LTG RM 102,104,104A,104B,106	20 A	1-#12, 1-#12, 1-#12			0.05	0.13	1-#12, 1-#12, 1-#12	20 A	LTG EXTERIOR RESTROOMS	24
25	LTG RM 110,110A	20 A	1-#12, 1-#12, 1-#12	0.04	0.36			1-#12, 1-#12, 1-#12	20 A	RECPTS EXTERIOR	26
27	EF-2	15 A	1-#12, 1-#12, 1-#14			0.02	0.15	1-#12, 1-#12, 1-#12	20 A	CEILING FAN	28
29	HP-1B	20 A	2-#12, 1-#12, 1-#12	1.27	1.32			2-#12, 1-#12, 1-#12	20 A	HP-2B	30
31						1.27	1.32				32
33	SPARE	60 A	--	0	0			1-#12, 1-#12, 1-#12	20 A	LTG CONTACTOR	34
35						0	0	--	20 A	SPARE	36
37	SPARE	20 A	--	0	0						38
39						0	0	--	20 A	SPARE	40
41	SPARE	20 A	--	0	0			--	20 A	SPARE	42
			Total Load:	21 kVA		21.3 kVA					
			Total Amps:	175 A		178 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	7056 VA	100.00%	7056 VA		
Heating	23914 VA	100.00%	23914 VA	**Total Conn. Load:**	42.3 kVA
Kitchen Equipment - Non-Dwelling Unit	1260 VA	65.00%	819 VA	**Total Est. Demand:**	41.9 kVA
Other	0 VA	0.00%	0 VA	**Total Conn.:**	176 A
Receptacle	9180 VA	100.00%	9180 VA	**Total Est. Demand:**	174 A
Power	150 VA	100.00%	150 VA		
Lighting	741 VA	100.00%	741 VA		

Notes:

Branch Panel: P1

Location: LARGE STORAGE 117
Supply From: MDP
Mounting: Surface
Enclosure:

Volts: 120/240 Single
Phases: 1
Wires: 3

A.I.C. Rating: 22kaic
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Wire Size	A (kVA)		B (kVA)		Wire Size	Trip	Circuit Description	CKT
1	RECEPTS EXTERIOR	20 A	1-#12, 1-#12, 1-#12	0.54	0.9			1-#12, 1-#12, 1-#12	20 A	RECEPTS RM 119	2
3	RECEPTS RM 117	20 A	1-#12, 1-#12, 1-#12			0.9	0.04	1-#12, 1-#12, 1-#12	20 A	Heating JANITOR 101	4
5	UH-1	20 A	2-#12, 1-#12, 1-#12	1.1	0.19			1-#12, 1-#12, 1-#14	15 A	EF-4	6
7						1.1	0.42	1-#12, 1-#12, 1-#14	15 A	EF-3	8
9	EF-1	15 A	1-#12, 1-#12, 1-#14	0.42	4.5			2-#4, 1-#4, 1-#10	60 A	WH-1	10
11	LTG RM 117,119	20 A	1-#12, 1-#12, 1-#12			0.1	4.5				12
13	LTG RM 101,103,105,107	20 A	1-#12, 1-#12, 1-#12	0.11	3			2-#8, 1-#8, 1-#10	40 A	LIFT STATION	14
15	LTG RM 109,111,113,115	20 A	1-#12, 1-#12, 1-#12			0.1	3				16
17	SPARE	20 A	--	0	0			--	60 A	SPARE	18
19						0	0				20
21	SPARE	20 A	--	0	0			--	40 A	SPARE	22
23	SPARE	20 A	--			0	0				24
25	SPARE	20 A	--	0	0			--	20 A	SPARE	26
27	SPARE	20 A	--			0	0	--	20 A	SPARE	28
29	SPACE	--	--	--	--			--	--	SPACE	30
31	SPACE	--	--			--	--	--	--	SPACE	32
33	SPACE	--	--	--	--			--	--	SPACE	34
35	SPACE	--	--			--	--	--	--	SPACE	36
37	SPACE	--	--	--	--			--	--	SPACE	38
39	SPACE	--	--			--	--	--	--	SPACE	40
41	SPACE	--	--	--	--			--	--	SPACE	42
			Total Load:	10.8 kVA		10.2 kVA					
			Total Amps:	90 A		85 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Equipment	7032 VA	100.00%	7032 VA		
Heating	11244 VA	100.00%	11244 VA	**Total Conn. Load:**	20.9 kVA
Other	0 VA	0.00%	0 VA	**Total Est. Demand:**	20.9 kVA
Receptacle	2340 VA	100.00%	2340 VA	**Total Conn.:**	87 A
Lighting	305 VA	100.00%	305 VA	**Total Est. Demand:**	87 A

Notes:

GENERAL SHEET NOTES

SHEET KEYNOTES

1. PROVIDE NEW CONDUCTORS TO EXISTING POLE AND NEW UTILITY TRANSFORMER.

Wiley|Wilson
Constant Progress
127 Nationwide Drive | Lynchburg, VA 24502
434.947.1901 | wileywilson.com | 100% Employee-Owned

COMMONWEALTH OF VIRGINIA
CHARLES V. RICHARDSON JR.
Lic. No. 25710
05/14/25
PROFESSIONAL ENGINEER

CITY OF STAUNTON
GYPSY HILL PARK POOL HOUSE
LEXINGTON, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 240163
DATE: 05/14/2025
DRAWN: TFB | DESIGN: TFB
CHECK: CVR

SHEET TITLE

SINGLE LINE DIAGRAM & SCHEDULES

SHT. NO. E-701
REV. NO. 0

5/14/2025 3:18:47 PM
C:\Users\tburge.WILEYWILSON\Documents\240163_R23_E_tobyburge2524.rvt