Crabtree, Rohrbaugh & Associates - Architects
250 West Main Street, Suite 200
Charlottesville, VA 22902
Virginia • Pennsylvania • Maryland • West Virginia

ADDENDUM NO. 1 — FEBRUARY 21, 2024

Staunton City Public Schools, VA | Shelburne Middle School
CRA Project No. 3636

TO: All Prospective Bidders and Other Recipients of Contract Drawings and Specifications

This Addendum is hereby made a part of the Contract Document, which will be the basis of the Contract. The Addendum is issued to modify and/or correct the original Contract Documents, drawings dated January 24, 2024 and specifications dated February 5, 2024. Attach this Addendum to your Contract Documents. Receipt of this Addendum must be acknowledged on the Proposal Form. Failure to do so may subject the bidder to disqualification.

GENERAL

1. Each Bid must be submitted on the most recent Bid Forms provided by Crabtree, Rohrbaugh & Associates (potentially updated by Addendum), and must be accompanied by a Bid Bond, certified check, or cashier's check equal to five (5%) percent of the total price submitted inclusive of Add Alternates. The Owner also reserves the right to reject any or all Bids for any reason whatsoever.
2. The last day which Contractors may ask questions in writing will be February 23, 2024. Questions will be answered in writing, by Addendum only.
3. All bidders are hereby notified that they are responsible to review all parts of this addendum for conditions and requirements that may apply to their individual contract. All Plan Holders shall review their Bidding Documents against the Table of Contents and List of Drawings to ensure that all Specifications Sections and Drawings are in your possession. Failure to notify Crabtree, Rohrbaugh & Associates of missing bid documents will not relieve the Bidder of the requirements contained therein.

GENERAL

Sign-in sheet from February 15, 2024 Pre-Bid Meeting attached for reference.

SPECIFICATIONS – VOLUME 1

SECTION 000921 – DAVIS BACON WAGE RATES

1. DELETE this specification in its entirety and REPLACE with the attached specification section.

SPECIFICATIONS – VOLUME 2

SPECIFICATIONS – VOLUME 3

CIVIL DRAWINGS

ARCHITECTURAL DRAWINGS

DRAWING D1.0 – DEMOLITION NOTES AND LEGEND

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD note 7F REMOVE EXISTING TRANSACTION LEDGE INCLUDING COUNTERTOP, SIDE/INTERMEDIATE SUPPORTS, & ITS COMPONENTS IN THEIR ENTIRETY. REMOVE TRANSACTION BIN/DRAWER AND ALL ASSCOCIATED COMPONENTS, TURN OVER TO OWNER.
    b. DELETE note 5A in room 145 Work Room.
    c. ADD note 7F in room 141 Admin.

DRAWING D1.1 – LOWER AND FIRST DEMOLITION PLANS – RENOVATIONS

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. DELETE several walls, doors, stairs and platforms from demolition scope.
    b. ADD demolition notes at multiple locations.

DRAWING A1.1 – PARTIAL LOWER LEVEL AND FIRST FLOOR PLAN - RENOVATION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD bumpout in 004 plan east wall.

DRAWING A1.4 – PARTIAL LOWER LEVEL AND FIRST FLOOR REFLECTED CEILING PLANS - RENOVATION

2. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE ceiling in 004 to reflect new walls at plan east.
    b. ADD GWB ceiling in new bumpout area at plan east.
    c. REVISE detail 2/A1.4 roller shade configuration in 111.

DRAWING A1.5 – FIRST AND SECOND FLOOR REFLECTED CEILING PLANS – ADDITION (ALTERNATE #1)

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE ceiling in 122 to GWB.
    b. REVISE ceiling in 132 to GWB.
    c. REVISE ceiling in 133 to GWB.

DRAWING A4.1 – LARGE SALE TOILET PLANS – RENOVATION AND ADDITION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD detail 2/A4.1.

DRAWING A6.1 – ROOM FINISH SCHEDULE

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE ceiling in 004 to ACT2/PNT.
    b. ADD remark R77 in 004.
    c. REVISE ceiling in 122 to EPX.
    d. REVISE remark from R7 to R8 in 123.
    e. ADD remark R12 in 124.
    f. REVISE ceiling in 132 to EPX.
    g. REVISE ceiling in 133 to EPX.
    h. REVISE ceiling in 145 to ETR.
    i. REVISE floor finish to LVT in 201.
    j. REVISE 201 finish information to be located under alternate schedule.
    k. DELETE room 71 from the schedule.
    l. REVISE R8 in the finish legend as follows: T=RBR, R=RBR, L=RBR & S=PNT.

DRAWING A6.2 – SIGNAGE SCHEDULE

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. DELETE room 71 from the schedule.
    b. REVISE 201 finish information to be located under alternate schedule.

INTERIOR DRAWINGS

DRAWING I4.1 – LARGE SCALE LAYOUTS BUSINESS & ROBOTICS

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE detail 1/I4.1 overhead power cord reels in B110 Business.
    b. REVISE detail 2/I4.1 B005 Robotics countertop to 30”D.
    c. ADD General Note in Reference to I4.1 per the attached drawing.

DRAWING I4.3 – LARGE SCALE LAYOUTS DESIGN LAB & LAB

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE detail 1/I4.1 004 Design Classroom casework at plan North & plan East per the attached drawing.
    b. REVISE elevation A/I4.3 delete backsplash at countertop, add a note to provide clear caulk between edge of countertop and wall.
    c. REVISE detail B/I4.3 to add new casework & overhead coiling doors per the attached drawing.
    d. REVISE casework & equipment schedule per the attached drawing.
    e. ADD detail 2/I4.3 Cabinet Section Detail.

STRUCTURAL DRAWINGS

DRAWING S1.2 –FIRST FLOOR PLAN - RENOVATION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD new lintel above exiting opening at first floor.
    b. ADD channels to support new roof units.

DRAWING S1.4 – ALTERNATIVE #1 ROOF FRAMING PLAN – ADDITION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD sloped beam bearing elevations and conditions.
    b. ADD beam size annotation along grid line L.

DRAWING S1.5 – ALTERNATIVE #1 MASONRY FRAMING SECTIONS AND DETAILS

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD note about non load bearing CMU lintel.

DRAWING S3.2 –FOUNDATION SECTIONS AND DETAILS

2. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE detail 6,7 and 8

DRAWING S3.3 –FOUNDATION SECTIONS AND DETAILS

3. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE detail 15 to not show top bars.

DRAWING S4.1 –STEEL FRAMING SECTIONS AND DETAILS

4. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE joist support assembly in detail 2.
    b. DELETE irrelevant detail 19 and 25

DRAWING S4.2 –STEEL FRAMING SECTIONS AND DETAILS

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE detail 2.
    b. ADD angle size in detail 3

DRAWING S4.3 –STEEL FRAMING SECTIONS AND DETAILS

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD note in detail 2.
    b. REVISE detail 11.
    c. ADD note in detail 13.

DRAWING S4.4 –STEEL FRAMING SECTIONS AND DETAILS

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD note in detail 14, 15.

DRAWING S4.5 –STEEL FRAMING SECTIONS AND DETAILS

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE title of CMU lintel schedule in

MECHANICAL DRAWINGS

DRAWING MD1.2 – MECHANICAL AIR DISTRIBUTION FIRST FLOOR DEMOLITION - ADDITION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE keynote M20 for clarity.

DRAWING M1.1 – MECHANICAL AIR DISTRIBUTION PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK– RENOVATION

1. DELETE this sheet in its entirety and REPLACE **with the attached sheet.**
    a. Wall mounted EUH-1 in STEM LAB 002 raised to 8'6" elevation from floor to avoid collision with casework.

DRAWING M1.2 – MECHANICAL AIR DISTRIBUTION FIRST FLOOR NEW WORK – ADDITION

1. DELETE this sheet in its entirety and REPLACE **with the attached sheet.**
    a. REVISE keynote M20 for clarity.

DRAWING M8.1 – MECHANICAL SCHEDULES

1. DELETE this sheet in its entirety and REPLACE **with the attached sheet.**
    a. REVISE Schedule DUCTLESS SPLIT SYSTEM AIR CONDITIONING & HEAT PUMP UNIT SCHEDULE to update SIU-5 basis of design.

ELECTRICAL DRAWINGS

DRAWING AV1.1 – AUDIOVISUAL FIRST FLOOR PLAN

1. DELETE this sheet in its entirety and REPLACE **with the attached sheet.**
    a. REMOVE (4) type "SPK-3" pendant speakers in Lobby 115.

DRAWING ED1.1 – ELECTRICAL PARTIAL LOWER LEVEL AND FIRST FLOOR DEMO PLANS - RENOVATION

1. DELETE this sheet in its entirety and REPLACE **with the attached sheet.**
    a. REVISE demolition plans to correct erroneous typing of duplex receptacles.

DRAWING ED1.2 – ELECTRICAL FIRST FLOOR DEMO PLAN - ADDITION

1. DELETE this sheet in its entirety and REPLACE **with the attached sheet.**
    a. REVISE existing and demolition conditions in corridor to the plan-south of auxiliary gym.
    b. REVISE existing and demolition conditions in corridor to the plan-south of lobby.
    c. ADD relocation of existing exit sign in auxiliary gym in lieu of demolition.
    d. REMOVE demolition of (1) building-mounted camera on plan-south exterior of auxiliary gym stage. This camera location was extraneous.
    e. ADD keynote U11 to exterior cameras for clarity.

DRAWING E1.1 – POWER PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION

1. DELETE this sheet in its entirety and REPLACE **with the attached sheet.**
    a. REMOVE (1) quadruplex receptacle in Board Room 111.
    b. REVISE cord reel locations in Robotics 005.
    c. REVISE duplex receptacle location in Corridor 001.
    d. REMOVE (1) duplex receptacle in Collab 101.
    e. ADD (1) tamper-resistant duplex receptacle in Science Lab 107.
    f. ADD keynote E174 to (1) quadruplex in Collab 101 specifying that outlet shall be green to match production backdrop.
    g. ADD (1) tamper-resistant duplex receptacle and (2) 120V/20A circuits from panel "LP3" in Design Classroom 004.

DRAWING E1.2 – MECH. POWER PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION

1. DELETE this sheet in its entirety and REPLACE **with the attached sheet.**
    a. REVISE keynote E109.

DRAWING E1.3 – LIGHTING PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE location of switches in Science Lab 107.
    b. REVISE layout in Design Classroom 004 and Corridor 006 to be 2'x2' fixtures in lieu of 2'x4'
        a. fixtures.
    c. REVISE fixture in Toilet 142 to be type "R3E" in lieu of type "B2E".
    d. REVISE fixture in Toilet 146 to be type "R3E" in lieu of type "B2E".
    e. REVISE circuit for lighting in Collab 101 to include undercabinet fixture.
    f. ADD switch leg designations for type "R2" fixtures in Collab 101.
    g. REVISE type designations for linear fixtures in Conference Room 143.
    h. ADD switch leg designations for light fixtures in Stem Lab 002.
    i. REVISE switching schema shown in Robotics 005, Collab 101, Science Lab 107, Science Lab 109, and Business 110.
    j. ADD (1) switch location in Science Lab 107 and Science Lab 109.
    k. REVISE type designations for fixtures in Robotics 005.
    l. REMOVE (3) type "B1" and (1) type "B1E" in Corridor 001.
    m. ADD (5) type "S2" fixtures and (1) type "S2E" fixture in Stem Lab 002.
    n. REMOVE (3) type B1 fixtures in Science Lab 109.
    o. REMOVE (4) type B1 fixtures in Science Lab 107.
    p. REMOVE (1) type B1 fixture in Corridor 103.
    q. REMOVE (2) type B1 fixtures in Corridor 105.
    r. REMOVE (2) type B2 fixtures in Vestibule 140.
    s. ADD (2) type B2 fixtures in Office 149.

DRAWING E1.4 – SYSTEMS PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD (1) double-data outlet in Design Classroom 004.

DRAWING E1.6 – POWER FIRST FLOOR NEW WORK - ADDITION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE mounting height of (2) receptacles in Concession 126.
    b. REMOVE new duplex receptacle in Corridor 117. Existing conditions to remain in this space.
    c. REMOVE keynote E102 from weatherproof duplex receptacle outside of Vestibule 114.
    d. ADD keynote E154 for door hardware circuit at Concession 126.
    e. ADD keynote E120 for automatic faucet connections in Toilet 132 and Toilet 133.
    f. ADD (2) tamper-resistant duplex receptacles and (2) 120V/20A circuits from panel "LP1" for A/V rack in Storage 130.
    g. ADD (1) 120V/20A circuit for projector and projector screen from panel "LP1" in Multi-Purpose Room 129.

DRAWING E1.7 – MECH. POWER FIRST FLOOR NEW WORK - ADDITION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. ADD keynote E177 calling for relocation/extension of existing circuit and disconnecting means for relocated fan coil unit in Existing Lobby 123.

DRAWING E1.8 – LIGHTING FIRST FLOOR NEW WORK - ADDITION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REMOVE new light fixtures and controls in Corridor 124. Existing conditions to remain in this space, with reinstallations/relocations noted.
    b. REMOVE new light fixtures and controls in Corridor 117. Existing conditions to remain in this space, with reinstallations/relocations noted.
    c. ADD reinstallation of existing exit sign in auxiliary gym.
    d. REVISE type designation for pendant fixtures in Multi-purpose Room 129.
    e. REMOVE (1) lighting relay in Multi-purpose Room 129.
    f. REMOVE (1) type R1 fixture from exterior canopy outside of Corridor 136.
    g. ADD (1) type E1 fixture at exterior canopy outside of Corridor 136.
    h. REVISE fixtures in Toilet 132 and Toilet 133 to be type R3E in lieu of type B1E.
    i. REVISE (3) linear fixtures in Lobby 115 to be 8’ in lieu of 6’.
    j. REVISE type designations for linear fixtures in Lobby 115.
    k. REMOVE (11) type R1 fixtures and (1) type R1E fixture in Lobby 115.
    l. ADD (2) type L12 fixtures and (1) type L12E fixture in Lobby 115.
    m. REMOVE (3) type P1 fixtures and (1) type P1E fixture in Vestibule 138.
    n. ADD (2) type L6 fixtures, (1) type L6E fixture, and (3) type R1 fixtures in Vestibule 138.
    o. REMOVE (1) lighting relay from Lobby 115 and (1) lighting relay from Vestibule 138.
    p. ADD keynote E175 to exit signs at Vestibule 114 to clarify mounting methodology.
    q. ADD (1) occupancy sensor at exterior canopy outside of Vestibule 114.
    r. ADD switch leg designations for all controls and fixtures in Existing Lobby 123, Vestibule 138, Lobby 115, and Multi-purpose Room 129.

DRAWING E1.9 – SYSTEMS FIRST FLOOR NEW WORK - ADDITION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REMOVE new camera location in Corridor 117.
    b. ADD low voltage scope note.
    c. REMOVE double-data outlet in Storage 130.
    d. ADD (2) double-data outlets in Lobby 115.

DRAWING E1.10 – FIRE ALARM FIRST FLOOR NEW WORK - ADDITION

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REMOVE new fire alarm device in Corridor 117.
    b. ADD (2) tamper switches and (2) flow switches in closet within Storage 135.

DRAWING E3.1 – PANEL SCHEDULES

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE schedules for panels “LP1”, “LP2”, and “LP3”.

DRAWING E3.2 – LIGHTING FIXTURE SCHEDULE

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.
    a. REVISE lighting fixture schedule.

DRAWING UE1.1 – ELECTRICAL NEW WORK PLAN – SITE

1. DELETE this sheet in its entirety and REPLACE with the attached sheet.

a. REVISE keynote U12.
b. REVISE keynote on (1) relocated building-mounted camera to be U14 in lieu of U12.

End of Addendum No. 1

Attachments:

General:

Pre-Bid Sign-In Sheet dated February 15, 2024

Specifications:

SECTION 011000 – SUMMARY OF WORK
ADD Paragraph 1.12 to state the following:

1.12 Phasing Schedule

Base Bid First Floor Phase 1: Anticipated NTP: April 1, 2024 – Completion August 2, 2024
Base Bid Second Floor Phase 2: Anticipated NTP: May 27, 2024 – Completion August 2, 2024

Alternate #1
Alternate #1 Phase 3: Anticipated NTP: April 1, 2024 – Completion October 31, 2025

Alternate #2
Alternate #2 Phase 4: Anticipated NTP: May 27, 2024 – Completion August 2, 2024

Alternate #3
Alternate #3 Phase 5: Anticipated NTP: May 27, 2024 – Completion August 2, 2024

Drawings:

DRAWING D1.0 – DEMOLITION NOTES AND LEGEND
DRAWING A1.1 – PARTIAL LOWER LEVEL AND FIRST FLOOR PLAN - RENOVATION
DRAWING A1.4 – PARTIAL LOWER LEVEL AND FIRST FLOOR REFLECTED CEILING PLANS - RENOVATION
DRAWING A1.5 – FIRST AND SECOND FLOOR REFLECTED CEILING PLANS – ADDITION (ALTERNATE #1)
DRAWING A4.1 – LARGE SALE TOILET PLANS – RENOVATION AND ADDITION
DRAWING A6.1 – ROOM FINISH SCHEDULE

DRAWING I4.1 – LARGE SCALE LAYOUTS BUSINESS & ROBOTICS
DRAWING I4.3 – LARGE SCALE LAYOUTS DESIGN LAB & LAB

DRAWING S1.2 –FIRST FLOOR PLAN - RENOVATION
DRAWING S1.4 – ALTERNATIVE #1 ROOF FRAMING PLAN – ADDITION
DRAWING S1.5 – ALTERNATIVE #1 MASONRY FRAMING SECTIONS AND DETAILS

DRAWING S3.2 –FOUNDATION SECTIONS AND DETAILS
DRAWING S3.3 –FOUNDATION SECTIONS AND DETAILS
DRAWING S4.1 –STEEL FRAMING SECTIONS AND DETAILS
DRAWING S4.2 –STEEL FRAMING SECTIONS AND DETAILS
DRAWING S4.3 –STEEL FRAMING SECTIONS AND DETAILS
DRAWING S4.4 –STEEL FRAMING SECTIONS AND DETAILS
DRAWING S4.5 –STEEL FRAMING SECTIONS AND

DRAWING MD1.2 – MECHANICAL AIR DISTRIBUTION FIRST FLOOR DEMOLITION - ADDITION
DRAWING M1.1 – MECHANICAL AIR DISTRIBUTION PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK – RENOVATION
DRAWING M1.2 – MECHANICAL AIR DISTRIBUTION FIRST FLOOR NEW WORK – ADDITION
DRAWING M8.1 – MECHANICAL SCHEDULES

DRAWING AV1.1 – AUDIOVISUAL FIRST FLOOR PLAN
DRAWING ED1.1 – ELECTRICAL PARTIAL LOWER LEVEL AND FIRST FLOOR DEMO PLANS - RENOVATION
DRAWING ED1.2 – ELECTRICAL FIRST FLOOR DEMO PLAN - ADDITION
DRAWING E1.1 – POWER PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION
DRAWING E1.2 – MECH. POWER PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION
DRAWING E1.3 – LIGHTING PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION
DRAWING E1.4 – SYSTEMS PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION
DRAWING E1.6 – POWER FIRST FLOOR NEW WORK - ADDITION
DRAWING E1.7 – MECH. POWER FIRST FLOOR NEW WORK - ADDITION
DRAWING E1.8 – LIGHTING FIRST FLOOR NEW WORK - ADDITION
DRAWING E1.9 – SYSTEMS FIRST FLOOR NEW WORK - ADDITION
DRAWING E1.10 – FIRE ALARM FIRST FLOOR NEW WORK - ADDITION
DRAWING E3.1 – PANEL SCHEDULES
DRAWING E3.2 – LIGHTING FIXTURE SCHEDULE
DRAWING UE1.1 – ELECTRICAL NEW WORK PLAN – SITE

Crabtree, Rohrbaugh & Associates - Architects
250 West Main Street, Suite 200
Charlottesville, VA 22902
Virginia • Pennsylvania • Maryland • West Virginia

SIGN-IN SHEET

February 15, 2024 | 4:00PM

Shelburne Middle School Addition and Renovations
CRA Project No. 3636

In Attendance | Company | Discipline	E-mail	Phone
Grace Smith / Martin Horn / GC	grace@martinhorn.com	434-466-1022
Matt Hulvey / Nielsen / GC	mhulvey@nielsen-inc.com	540-434-7376
Gabriel Gonzalez / Old Virginia Tile / Flooring	gabriel.gonzalez@oldvirginiatile.com	540-728-1214
LCW CONSTRUCTION STEVE DIETZ	estimating@lcwconstruction.com	540-665-6130
Luke Boone / Power Component Systems / Demolition and asbestos/lead	bids@powercomponentsystems.com	410-760-0022

"General Decision Number: VA20230014 06/02/2023

Superseded General Decision Number: VA20220014

State: Virginia

Construction Type: Building

County: Augusta County in Virginia.
Includes the independent cities of Staunton* and Waynesboro*

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least $16.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2023.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least $12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2023.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at http://www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2023
1	06/02/2023

ASBE0024-006 04/01/2021

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR - MECHANICAL (Duct,		

Pipe & Mechanical System
Insulation).....$ 39.27 18.67+a

a. PAID HOLIDAYS: New Year's Day, Martin Luther King Day, Memorial Day, Independence Day, Labor Day, Veterans' Day, Thanksgiving Day,the day after Thanksgiving and Christmas Day provided the employee works the regular work day before and after the paid holiday.

BOIL0045-003 01/01/2021

	Rates	Fringes
BOILERMAKER	$ 42.62	24.81

ENGI0147-019 05/01/2022

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Cranes 90 tons & over capacity; Tower & Climbing Cranes with Controls 100 ft. above ground	$ 34.17	15.21
Cranes under 90 tons	$ 33.26	15.12

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* IRON0005-010 06/01/2023

	Rates	Fringes
IRONWORKER	$ 36.10	25.19

PAIN0051-033 06/01/2021

	Rates	Fringes
PAINTER: Spray Only	$ 25.50	11.27

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* SUVA2013-026 01/11/2016

	Rates	Fringes
BRICKLAYER	$ 23.54	6.73
CARPENTER	$ 14.81 **	2.19
ELECTRICIAN	$ 19.52	5.04
IRONWORKER, REINFORCING	$ 25.36	6.68
LABORER: Common or General, Including Pipelaying	$ 13.20 **	1.83
LABORER: Mason Tender - Brick	$ 13.41 **	3.15
LABORER: Mason Tender - Cement/Concrete	$ 15.32 **	0.00
OPERATOR: Backhoe/Excavator/Trackhoe	$ 16.24	0.87
OPERATOR: Bobcat/Skid Steer/Skid Loader	$ 18.95	4.03
OPERATOR: Bulldozer	$ 16.00 **	0.00
OPERATOR: Forklift	$ 19.40	7.00
OPERATOR: Loader	$ 21.28	3.17
OPERATOR: Roller	$ 16.25	4.88

PAINTER (Brush and Roller).....$ 20.01 0.00

PIPEFITTER, Includes HVAC
Pipe and Unit Installation.....$ 23.23 9.09

PLUMBER.....$ 20.53 7.24

ROOFER.....$ 16.17 ** 3.73

SHEET METAL WORKER, Includes
HVAC Duct Installation.....$ 18.38 3.30

TILE FINISHER.....$ 23.40 0.00

TILE SETTER.....$ 27.80 10.25

TRUCK DRIVER: Dump Truck.....$ 16.58 1.73

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

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** Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 ($16.20) or 13658 ($12.15). Please see the Note at the top of the wage determination for more information.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at https://www.dol.gov/agencies/whd/government-contracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of

the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

* an existing published wage determination
* a survey underlying a wage determination
* a Wage and Hour Division letter setting forth a position on a wage determination matter
* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal

process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

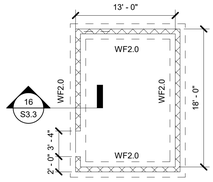
3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

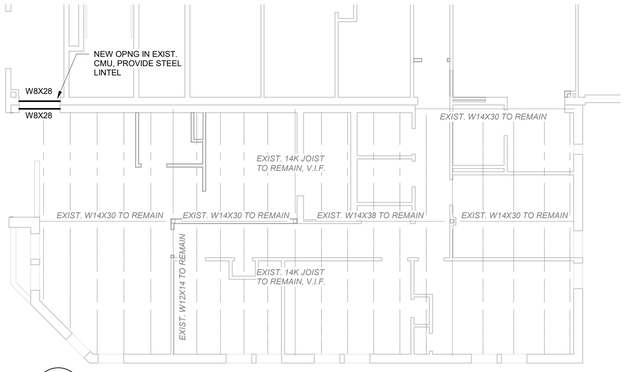
4.) All decisions by the Administrative Review Board are final.

==========

END OF GENERAL DECISIO"



5 S1.2 PARTIAL LOWER FLOOR PLAN-GREENHOUSE
SCALE: 1/8" = 1'-0"



4 S1.2 ALTERNATE #2 PARTIAL ROOF FRAMING PLAN - ADMINISTRATION AND COLLAB SPACE
SCALE: 1/8" = 1'-0"

ROOF FRAMING PLAN NOTES

1. FIRST FLOOR TOP OF SLAB ELEVATION AT ALTERNATE #1 IS 1655.5' (0'-0"), U.N.O.
2. ALL ELEVATIONS NOTED THUS (+X'-X") REFERENCED TO FIRST FLOOR TOP OF SLAB ELEVATION.
3. PROVIDE 1/4" THK. EDGE ANGLE OR BENT PLATE AT ALL ROOF EDGES AND ATTACH TO MASONRY WALL WITH 5/8" Ø EXPANSION BOLTS @ 24" O.C., MIN. 4" EMBED., U.N.O.
4. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWING FOR ALL ROOF PENETRATION SIZES AND LOCATIONS. PENETRATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE APPROXIMATE AND ALL PENETRATIONS MAY NOT BE SHOWN. PROVIDE REINFORCING OR ADDITIONAL FRAMING AT PENETRATIONS AS SHOWN IN THE TYPICAL DETAILS.
5. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ROOF TOP UNITS, ROOF DRAINS, AND ROOF VENTS.
6. SEE LINTEL PLANS AND SCHEDULE FOR ALL MASONRY LINTEL DETAILS; COORDINATE LINTEL LOCATIONS WITH ARCHITECTURAL AND MEP DRAWINGS.
7. SEE REINFORCING PLANS/FOUNDATION PLANS FOR ALL MASONRY REINFORCING SIZE AND SPACING, U.N.O.
8. SEE ARCHITECTURAL DRAWINGS FOR TOP OF NON-LOAD BEARING WALL HEIGHTS.
9. PROVIDE GAP AT TOP OF NON-LOAD BEARING WALLS TO ALLOW FOR DEFLECTIONS OF STRUCTURE, U.N.O. FILL GAP WITH COMPRESSIBLE MATERIAL, OR FIRESAFING INSULATION IF WALL IS FIRE-RATED. COORDINATE WITH ARCHITECTURAL DRAWINGS.
10. JOIST SEAT DEPTH FOR K-SERIES JOISTS SHALL BE 2 1/2" AND FOR LH-SERIES JOISTS SHALL BE 5", U.N.O.
11. JOIST BRIDGING SHALL BE DESIGNED AND PROVIDED BY JOIST MANUFACTURER IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE'S (SJI) REQUIREMENTS.
12. JOIST AND BEAM BEARING ELEVATIONS VARY. SLOPE WALLS AND BEAMS ACCORDINGLY, WHERE REQUIRED FOR BEARING ELEVATIONS.
13. EXPOSED STRUCTURAL STEEL FRAMING:
    A. FOR EXPOSED STRUCTURAL STEEL TUBES, PREPARE AND CLEAN ALL SURFACES TO ALLOW FOR SMOOTH APPLICATION OF PAINT FINISHES.
    B. ALL SHOP WELDS SHALL BE GROUND SMOOTH.
    C. IT IS ACCEPTABLE TO INSERT FILL MATERIALS BETWEEN WELD POINTS IN ORDER TO PROVIDE CLEAN AND CONTINUOUS CONNECTION.
14. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND ELEVATIONS NOT SHOWN.
15. DETAILS AS SHOWN INDICATE TYPICAL CONNECTIONS AND CONDITIONS.
16. EXISTING CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS. ONGOING COORDINATION IS ASSUMED AND CONTRACTOR SHALL CONTACT ARCHITECT AND ENGINEER IF FIELD CONDITIONS DIFFER FROM THAT SHOWN ON THESE DRAWINGS. ALL MEASUREMENTS WITH RESPECT TO EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION OF ANY STRUCTURAL FRAMING MEMBERS.
17. TEMPORARY SHORING OF EXISTING FRAMING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL CONTACT EOR IMMEDIATELY IF ANY EXISTING WALL IS FOUND TO BE LOAD-BEARING AND DIFFERS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

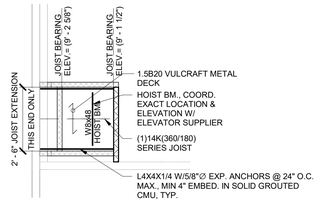
DECK LEGEND

1.5B20 DECK FASTENED TO SUPPORTS W/ 5/8" DIA. PUDDLE WELDS IN 36/4 FASTENER PATTERN AT ALL SUPPORTS AND 12" O.C. AT ALL MEMBERS PARALLEL TO DECK SPAN. PROVIDE #10 SIDELAP SCREWS @ 12" O.C. BETWEEN SUPPORTS

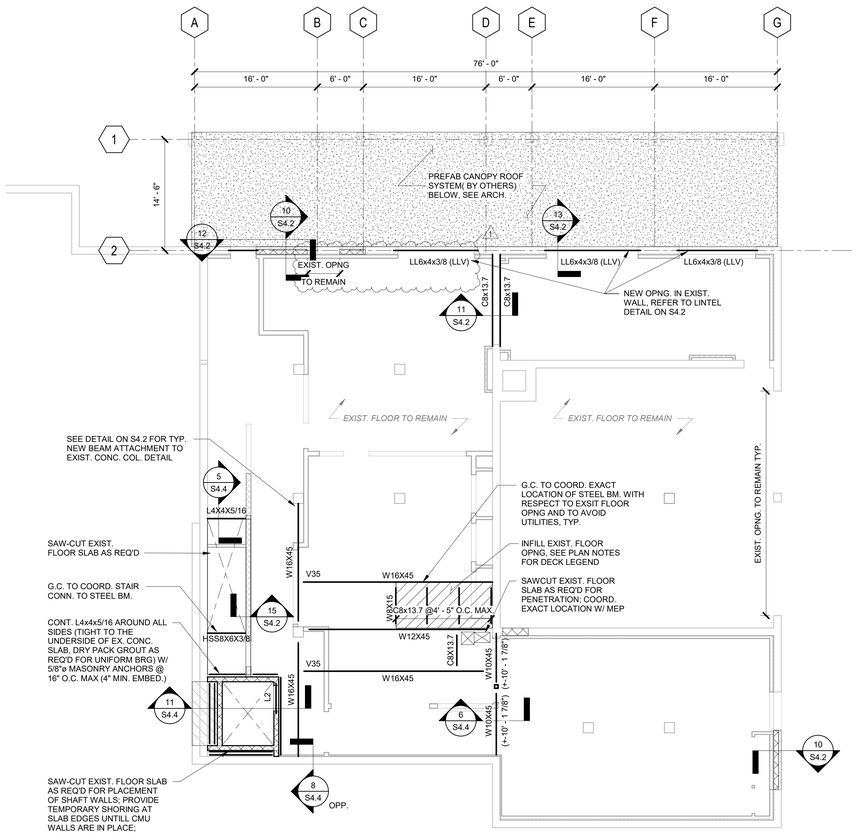
1.5VL20 DECK W/ 2.5" THK. NW. CONC. TOPPING (4" TOTAL THICKNESS) W/ 6X6 W2.1XW2.1 W.W.R. ATTACHMENT REQUIREMENTS INCLUDE: 5/8" DIA. PUDDLE WELDS IN 36/4 FASTENER PATTERN AT ALL SUPPORTS AND 12" O.C. AT ALL MEMBERS PARALLEL TO DECK SPAN. PROVIDE #10 SIDELAP SCREWS @ 12" O.C. BETWEEN SUPPORTS

1.5VL20 DECK W/ 4" THK. NW CONC. TOPPING (6" TOTAL THICKNESS) W/ 6X6X W2.1XW2.1 W.W.R.. ATTACHMENT REQUIREMENTS INCLUDE: 5/8"Ø PUDDLE WELDS IN 36/4 FASTENER PATTERN AT ALL SUPPORTS TO DECK SPAN. PROVIDE #10 SIDELAP SCREWS @12" BETWEEN SUPPORTS

2D20 DECK FASTENED TO SUPPORTS W/ 5/8" DIA. PUDDLE WELDS IN 36/4 FASTENER PATTERN AT ALL SUPPORTS AND 12" O.C. AT ALL MEMBERS PARALLEL TO DECK SPAN. PROVIDE #10 SIDELAP SCREWS @ 12" O.C. BETWEEN SUPPORTS

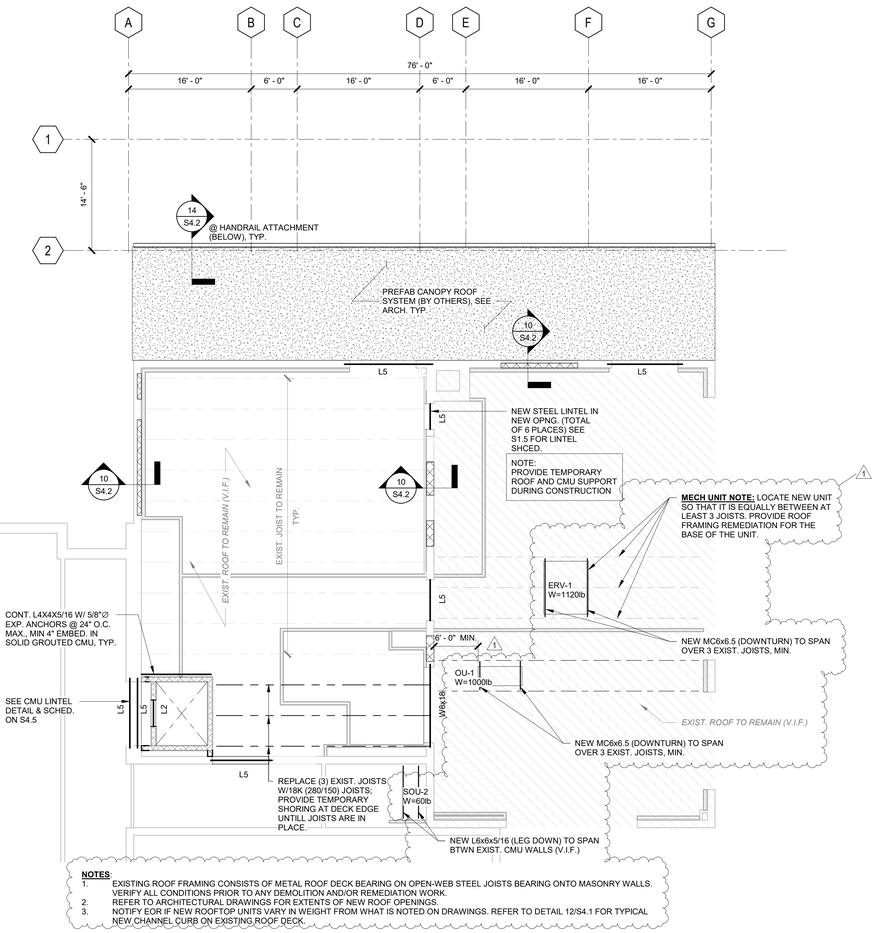


3 S1.2 ELEVATOR ROOF FRAMING PLAN - RENOVATION
SCALE: 1/8" = 1'-0"



NOTE:
1. EXISTING FIRST FLOOR FRAMING CONSISTS OF 6" THICK REINFORCED CONCRETE SUPPORTED BY CONCRETE COLUMNS AND WALLS. VERIFY ALL CONDITIONS, DIMENSIONS, ETC. PRIOR TO ANY DEMOLITION OR REMEDIATION WORK.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENTS OF NEW MASONRY WALL OPENINGS.
3. TOP OF NEW STEEL BEAMS ARE 6 1/2" BELOW FIRST FLOOR ELEVATION OR FINISHED FLOOR ELEVATION, U.N.O.; REVISE AS REQUIRED FOR LEVEL GROUT PAD INSERTION.

2 S1.2 FIRST FLOOR PLAN - RENOVATION
SCALE: 1/8" = 1'-0"



NOTES:
1. EXISTING ROOF FRAMING CONSISTS OF METAL ROOF DECK BEARING ON OPEN-WEB STEEL JOISTS BEARING ONTO MASONRY WALLS. VERIFY ALL CONDITIONS PRIOR TO ANY DEMOLITION AND/OR REMEDIATION WORK.
2. REFER TO ARCHITECTURAL DRAWINGS FOR EXTENTS OF NEW ROOF OPENINGS.
3. NOTIFY EOR IF NEW ROOFTOP UNITS VARY IN WEIGHT FROM WHAT IS NOTED ON DRAWINGS. REFER TO DETAIL 12/S4.1 FOR TYPICAL NEW CHANNEL CURB ON EXISTING ROOF DECK.

1 S1.2 ROOF FRAMING PLAN - RENOVATION
SCALE: 1/8" = 1'-0"

COMMONWEALTH OF VIRGINIA
TIMOTHY H. PARK
Lic. No. 0402049331
PROFESSIONAL ENGINEER

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM # 1

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS
250 WEST MAIN STREET, SUITE 200
CHARLOTTESVILLE VA 22902
434-975-7262
www.cra-architects.com
MECHANICSBURG, PENNSYLVANIA
TOWSON, MARYLAND
WHITE SULPHUR SPRINGS, WEST VIRGINIA

SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

FIRST FLOOR AND ROOF FRAMING PLAN - RENOVATION

PLOT SCALE: 1/8" = 1'-0"
FILENAME:
DATE: JANUARY 24, 2024

PROJECT 3636

S1.2

FLOOR FRAMING PLAN NOTES

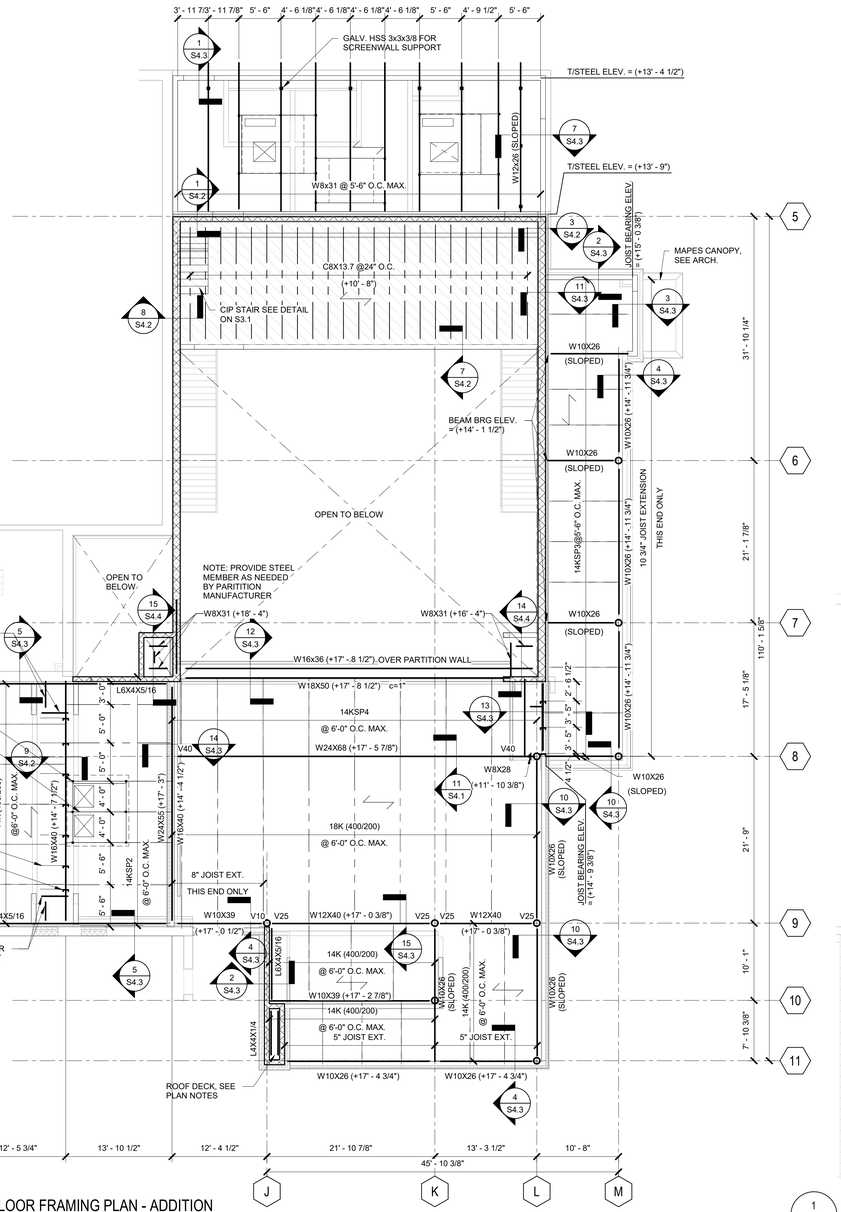
1. FIRST FLOOR TOP OF SLAB ELEVATION AT ALTERNATE #1 IS 1655.5' (0'-0"), U.N.O.
2. TOP OF SECOND FLOOR SLAB ELEVATION AT ALTERNATE #1 IS 1666.5' (+11'-0").
3. TOP OF STEEL BEAM ELEVATION AT ALTERNATE #1 IS 1666.16' (+10-6"), U.N.O.
4. ALL ELEVATIONS NOTED THUS (+X'-X") REFERENCED TO FIRST FLOOR TOP OF SLAB ELEVATION.
5. SEE DECK LEDGEND FOR FLOOR SLABS.
6. FLOOR SLABS SHALL BE POURED TO A UNIFORM THICKNESS AND SHALL NOT BE INCREASED IN THICKNESS TO ACCOUNT FOR DEFLECTION IN THE FRAMING, U.N.O.
7. PROVIDE 1/4" THK. EDGE ANGLE OR BENT PLATE AT ALL FLOOR EDGES AND ATTACH TO MASONRY WALL WITH 5/8" Ø EXPANSION BOLTS @ 24" O.C., MIN. 4" EMBED., U.N.O.
8. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWING FOR ALL SLAB PENETRATION SIZES AND LOCATIONS. PENETRATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE APPROXIMATE AND ALL PENETRATIONS MAY NOT BE SHOWN. PROVIDE REINFORCING OR ADDITIONAL FRAMING AS SHOWN IN THE TYPICAL DETAILS. PENETRATIONS PER TYICAL DETAILS IF REQUIRED.
9. FLOOR SLAB TO BE CONTINUOUS THRU MEP CHASES, U.N.O. BUILD MASONRY CHASE WALLS TIGHT TO UNDERSIDE OF FLOOR DECK, REINFORCE PER WALL REINFORCING NOTES AND BRACE WITH SINGLE ANGLE PER TYPICAL DETAILS. PROVIDE ADDITIONAL FRAMING AT FLOOR PENETRATIONS PER TYICAL DETAILS IF REQUIRED.
10. BRACE MASONRY OR CONCRETE WALLS UNTIL METAL DECK HAS BEEN INSTALLED AND CONCRETE FLOOR HAS BEEN POURED.
11. SEE LINTEL PLANS AND SCHEDULE FOR ALL MASONRY LINTEL DETAILS; COORDINATE LINTEL LOCATIONS WITH ARCHITECTURAL AND MEP DRAWINGS.
12. SEE REINFORCING PLANS/FOUNDATION PLANS FOR ALL MASONRY REINFORCING SIZE AND SPACING, U.N.O.
13. SEE ARCHITECTURAL DRAWINGS FOR TOP OF NON-LOAD BEARING WALL HEIGHTS.
14. PROVIDE GAP AT TOP OF NON-LOAD BEARING WALLS TO ALLOW FOR DEFLECTIONS OF STRUCTURE, U.N.O. FILL GAP WITH COMPRESSIBLE MATERIAL, OR FIRESAFING INSULATION IF WALL IS FIRE-RATED. COORDINATE WITH ARCHITECTURAL DRAWINGS.
15. JOIST SEAT DEPTH FOR K-SERIES JOISTS SHALL BE 2 1/2"/3 1/2" AND FOR LH-SERIES JOISTS SHALL BE 5", U.N.O.
16. JOIST BRIDGING SHALL BE DESIGNED AND PROVIDED BY JOIST MANUFACTURER IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE'S (SJI) REQUIREMENTS.
17. EXPOSED STRUCTURAL STEEL FRAMING:
    A. FOR EXPOSED STRUCTURAL STEEL TUBES, PREPARE AND CLEAN ALL SURFACES TO ALLOW FOR SMOOTH APPLICATION OF PAINT FINISHES.
    B. ALL SHOP WELDS SHALL BE GROUND SMOOTH.
    C. IT IS ACCEPTABLE TO INSERT FILL MATERIALS BETWEEN WELD POINTS IN ORDER TO PROVIDE CLEAN AND CONTINUOUS CONNECTION.
18. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND ELEVATIONS NOT SHOWN.
19. SEE ARCHITECTURAL DRAWINGS FOR ALL NECESSARY EMBEDDED ITEMS, RAMPS, STAIRS, LANDINGS, AND FINISH DETAILS.
20. DETAILS AS SHOWN INDICATE TYPICAL CONNECTIONS AND CONDITIONS.
21. EXISTING CONDITIONS SHOWN ARE BASED ON EXISTING DRAWINGS. ONGOING COORDINATION IS ASSUMED AND CONTRACTOR SHALL CONTACT ARCHITECT AND ENGINEER IF FIELD CONDITIONS DIFFER FROM THAT SHOWN ON THESE DRAWINGS. ALL MEASUREMENTS WITH RESPECT TO EXISTING CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO FABRICATION OF ANY STRUCTURAL FRAMING MEMBERS.
22. TEMPORARY SHORING OF EXISTING FRAMING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL CONTACT EOR IMMEDIATELY IF ANY EXISTING WALL IS FOUND TO BE LOAD-BEARING AND DIFFERS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

ROOF FRAMING PLAN NOTES

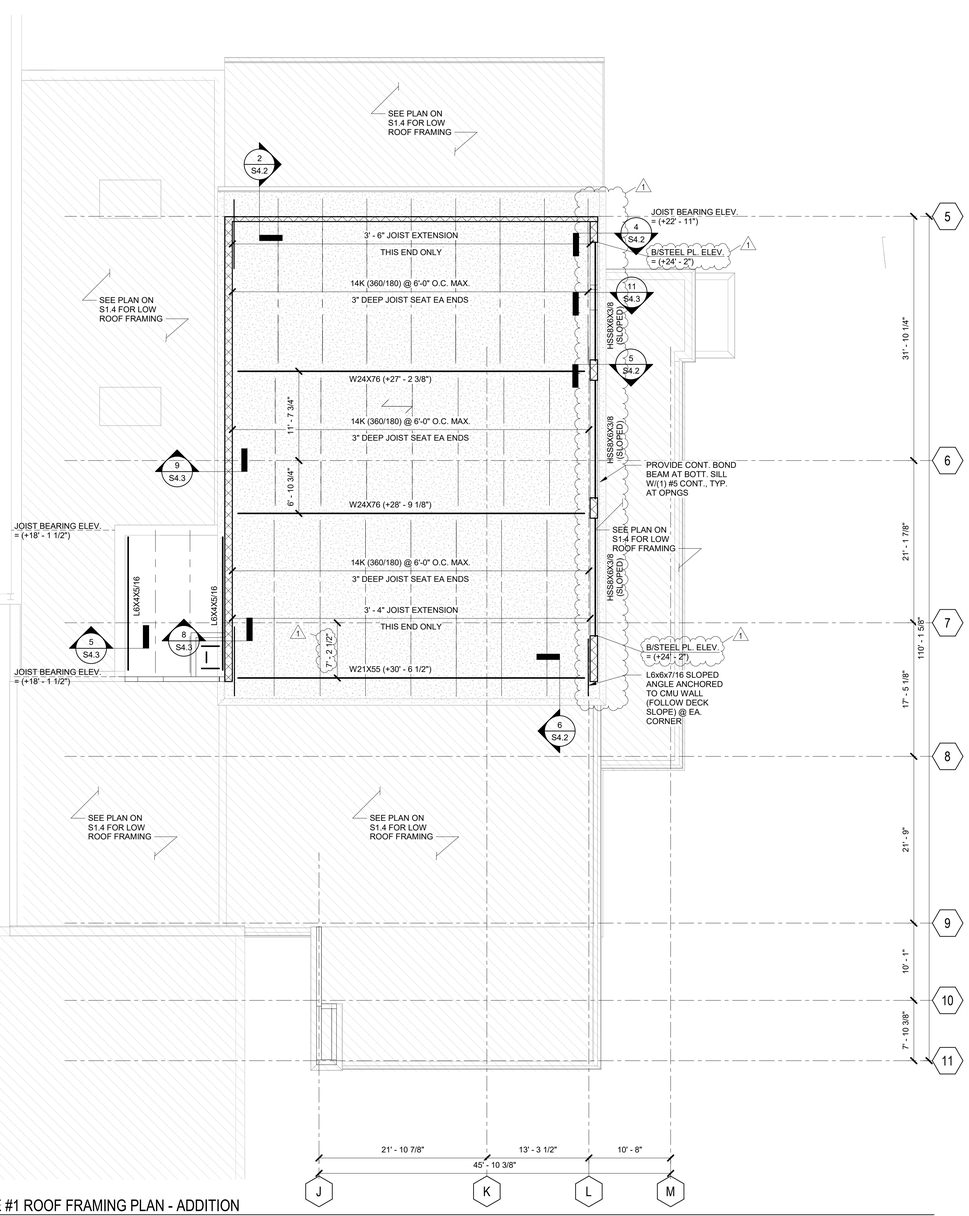
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3. PROVIDE 1/4" THK. EDGE ANGLE OR BENT PLATE AT ALL ROOF EDGES AND ATTACH TO MASONRY WALL WITH 5/8" Ø EXPANSION BOLTS @ 24" O.C., MIN. 4" EMBED., U.N.O.
4. COORDINATE WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWING FOR ALL ROOF PENETRATION SIZES AND LOCATIONS. PENETRATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE APPROXIMATE AND ALL PENETRATIONS MAY NOT BE SHOWN. PROVIDE REINFORCING OR ADDITIONAL FRAMING AT PENETRATIONS AS SHOWN IN THE TYPICAL DETAILS.
5. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ROOF TOP UNITS, ROOF DRAINS, AND ROOF VENTS.
6. SEE LINTEL PLANS AND SCHEDULE FOR ALL MASONRY LINTEL DETAILS; COORDINATE LINTEL LOCATIONS WITH ARCHITECTURAL AND MEP DRAWINGS.
7. SEE REINFORCING PLANS/FOUNDATION PLANS FOR ALL MASONRY REINFORCING SIZE AND SPACING, U.N.O.
8. SEE ARCHITECTURAL DRAWINGS FOR TOP OF NON-LOAD BEARING WALL HEIGHTS.
9. PROVIDE GAP AT TOP OF NON-LOAD BEARING WALLS TO ALLOW FOR DEFLECTIONS OF STRUCTURE, U.N.O. FILL GAP WITH COMPRESSIBLE MATERIAL, OR FIRESAFING INSULATION IF WALL IS FIRE-RATED. COORDINATE WITH ARCHITECTURAL DRAWINGS.
10. JOIST SEAT DEPTH FOR K-SERIES JOISTS SHALL BE 2 1/2" AND FOR LH-SERIES JOISTS SHALL BE 5", U.N.O.
11. JOIST BRIDGING SHALL BE DESIGNED AND PROVIDED BY JOIST MANUFACTURER IN ACCORDANCE WITH THE STEEL JOIST INSTITUTE'S (SJI) REQUIREMENTS.
12. JOIST AND BEAM BEARING ELEVATIONS VARY. SLOPE WALLS AND BEAMS ACCORDINGLY, WHERE REQUIRED FOR BEARING ELEVATIONS.
13. EXPOSED STRUCTURAL STEEL FRAMING:
    A. FOR EXPOSED STRUCTURAL STEEL TUBES, PREPARE AND CLEAN ALL SURFACES TO ALLOW FOR SMOOTH APPLICATION OF PAINT FINISHES.
    B. ALL SHOP WELDS SHALL BE GROUND SMOOTH.
    C. IT IS ACCEPTABLE TO INSERT FILL MATERIALS BETWEEN WELD POINTS IN ORDER TO PROVIDE CLEAN AND CONTINUOUS CONNECTION.
14. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND ELEVATIONS NOT SHOWN.
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17. TEMPORARY SHORING OF EXISTING FRAMING SHALL BE THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL CONTACT EOR IMMEDIATELY IF ANY EXISTING WALL IS FOUND TO BE LOAD-BEARING AND DIFFERS FROM CONDITIONS SHOWN ON THESE DRAWINGS.

DECK LEGEND

- 1.5B20 DECK FASTENED TO SUPPORTS W/ 5/8" DIA. PUDDLE WELDS IN 36/4 FASTENER PATTERN AT ALL SUPPORTS AND 12" O.C. AT ALL MEMBERS PARALLEL TO DECK SPAN. PROVIDE #10 SIDELAP SCREWS @ 12" O.C. BETWEEN SUPPORTS
- 1.5VL20 DECK W/ 2.5" THK. NW. CONC. TOPPING (4" TOTAL THICKNESS) W/ 6X6 W2.1XW2.1 W.W.R. ATTACHMENT REQUIREMENTS INCLUDE: 5/8" DIA. PUDDLE WELDS IN 36/4 FASTENER PATTERN AT ALL SUPPORTS AND 12" O.C. AT ALL MEMBERS PARALLEL TO DECK SPAN. PROVIDE #10 SIDELAP SCREWS @ 12" O.C. BETWEEN SUPPORTS
- 1.5VL20 DECK W/ 4" THK. NW CONC. TOPPING (6" TOTAL THICKNESS) W/ 6X6X W2.1XW2.1 W.W.R.. ATTACHMENT REQUIREMENTS INCLUDE: 5/8"Ø PUDDLE WELDS IN 36/4 FASTENER PATTERN AT ALL SUPPORTS TO DECK SPAN. PROVIDE #10 SIDELAP SCREWS @12" BETWEEN SUPPORTS
- 2D20 DECK FASTENED TO SUPPORTS W/ 5/8" DIA. PUDDLE WELDS IN 36/4 FASTENER PATTERN AT ALL SUPPORTS AND 12" O.C. AT ALL MEMBERS PARALLEL TO DECK SPAN. PROVIDE #10 SIDELAP SCREWS @ 12" O.C. BETWEEN SUPPORTS



2 S1.4 ALTERNATE #1 SECOND FLOOR FRAMING PLAN - ADDITION
SCALE: 1/8" = 1'-0"



1 S1.4 ALTERNATE #1 ROOF FRAMING PLAN - ADDITION
SCALE: 1/8" = 1'-0"

COMMONWEALTH OF VIRGINIA
TIMOTHY H. PARK
Lic. No. 0402049331
PROFESSIONAL ENGINEER

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM # 1

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS
250 WEST MAIN STREET, SUITE 200
CHARLOTTESVILLE VA 22902
434-975-7262
www.cra-architects.com
MECHANICSBURG, PENNSYLVANIA
TOWSON, MARYLAND
WHITE SULPHUR SPRINGS, WEST VIRGINIA

SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

SECOND FLOOR AND ROOF FRAMING PLAN - ADDITION
PLOT SCALE: 1/8" = 1'-0"
FILENAME:
DATE: JANUARY 24, 2024

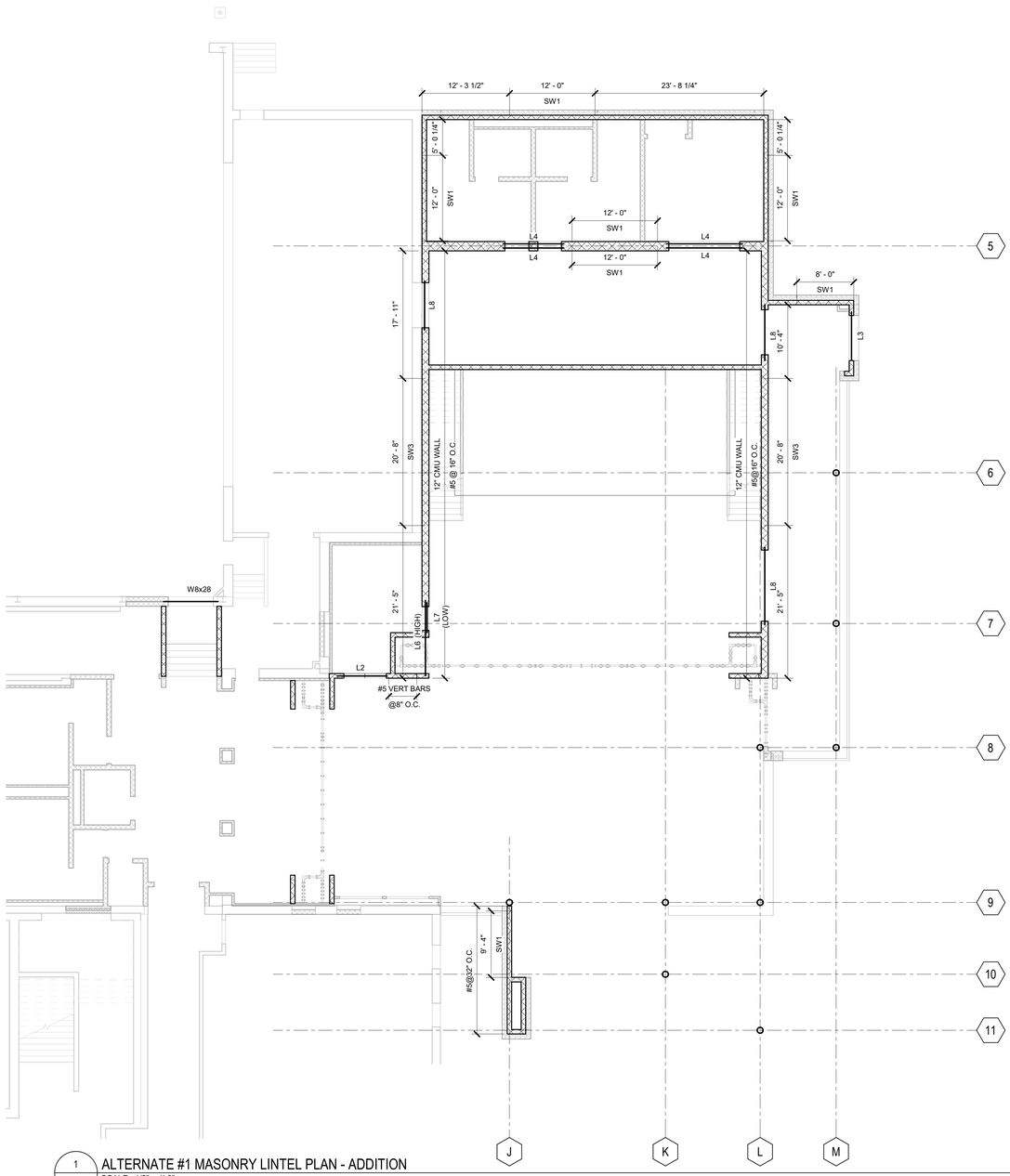
PROJECT 3636

S1.4

MASONRY LINTEL SCHEDULE (NTS)

WALL TYPE	CLEAR OPENING	MARK	DETAIL
INTERIOR 8" CMU	1'-0" TO 4'-6"	L1	(1) #5 BAR, CONT. 8" BOND BEAM
INTERIOR 8" CMU	4'-7" TO 9'-4"	L2	GROUTED, FIELD PLACED CMU (1) #5 BAR, CONT. 8" BOND BEAM
EXTERIOR 8" CMU	4'-7" TO 9'-4"	L3	GROUTED, FIELD PLACED CMU (1) #5 BAR, CONT. 8" BOND BEAM LOOSE LINTEL
INTERIOR 8" CMU	SEE PLAN	L4	W8X28 W/ 1/2" Ø x 0'-4" LONG HEADED STUDS @ 24" O.C.
EXTERIOR 8" CMU	SEE PLAN	L5	EX. CMU WALL TO REMAIN EX. BRICK FACADE TO REMAIN, V.I.F. TIGHTLY PACK NON-SHRINK GROUT TO UNDERSIDE OF EXIST. WALL, TYP. 1'-0" W8X15, U.N.O. EX. WALL BEYOND
INTERIOR 12" CMU	SEE PLAN	L6	W10x39 W/ 1/2" Ø x 0'-4" LONG HEADED STUDS @ 24" O.C.
INTERIOR 12" CMU	1'-0" TO 4'-6"	L7	(2) #5 BAR, CONT. 12" BOND BEAM
EXTERIOR/ INTERIOR 12" CMU	4'-7" TO 9'-4"	L8	GROUTED, FIELD PLACED CMU (2) #5 BAR, CONT. 12" BOND BEAM

NOTE: SEE S4.5 FOR NON LOAD BEARING CMU LINTEL 1



1 S1.5 ALTERNATE #1 MASONRY LINTEL PLAN - ADDITION
SCALE: 1/8" = 1'-0"

MASONRY LINTEL PLAN NOTES:

1. CONTRACTOR SHALL REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ALL PENETRATIONS THROUGH MASONRY WALLS. ONLY LINTELS IN LOAD BEARING AND EXTERIOR WALLS ARE SHOWN ON PLAN. PROVIDE LINTELS FOR ALL OPENINGS GREATER THAN 12". NOTIFY ARCHITECT AND ENGINEER IF LINTEL IS NOT SHOWN ON LINTEL PLAN OR SCHEDULE.
2. VERIFY ALL WALL THICKNESSES W/ ARCHITECTURAL DRAWINGS PRIOR TO FABRICATION.
3. ALL LINTELS TO EXTEND MIN. 8" ON MIN. 24" THK. SOLID OR GROUTED SUPPORTING MASONRY, U.N.O.
4. ALL LINTELS ABOVE CLEAR OPENINGS 6'-0" OR GREATER SHALL HAVE (2) 1/2" Ø X 6" LONG HEADED STUDS AT EA. END, WELDED TO BOTTOM OF LINTEL AND EMBEDDED IN SOLID GROUT OR PROVIDE BEARING PLATE. CONTACT ENGINEER FOR EXACT BEARING PLATE SIZE IF REQUIRED.
5. ALL EXTERIOR WALL LINTELS SHALL BE GALVANIZED.
6. ALL EXTERIOR WALL LINTELS SUPPORTING BRICK SHALL BE TEMPORARILY SHORED WHERE A HEIGHT OF MASONRY GREATER THAN HALF THE SPAN OF A LINTEL WILL BE PLACED ABOVE THE LINTEL PRIOR TO MASONRY GAINING DESIGN STRENGTH. SHORING SHALL REMAIN IN PLACE UNTIL MASONRY HAS GAINED DESIGN STRENGTH AND ALL REQUIRED PERMANENT BRACING IS INSTALLED.
7. CONTRACTOR SHALL CREATE A LINTEL ERECTION PLAN AND SUBMIT FOR APPROVAL ALONG WITH DETAILED LINTEL SHOP DRAWINGS.

MASONRY REINFORCING PLAN NOTES:

1. ALL EXTERIOR AND LOAD BEARING MASONRY WALLS SHALL BE REINFORCED W/ #5 VERT. BARS @ 32" O.C., U.N.O.
2. ALL VERT. BARS SHALL BE CENTERED IN MASONRY WALL, U.N.O.
3. BARS SPECIFIED ARE CONTINUOUS AND DO NOT INCLUDE DISCONTINUOUS VERT. BARS AT STEEL LINTEL BEARING.
4. AT ALL MASONRY WALLS (LOAD BEARING AND NON-LOAD BEARING) PROVIDE CONTINUOUS BOND BEAMS AND REINFORCING AT TOP OF WALLS AND AT EVERY FLOOR LEVEL. REFER TO BOND BEAM REINFORCING SCHEDULE FOR REINFORCING SIZE AND QUANTITY. WHERE FLOOR-TO-FLOOR HEIGHTS EXCEED 11'-0", PROVIDE INTERMEDIATE BOND BEAMS AT 10'-0" MAX. SPACING.
5. REFER TO MASONRY SHEAR WALL REINFORCING SCHEDULE FOR REINFORCING IN MASONRY SHEAR WALLS. NO CONTROL JOINTS SHALL BE LOCATED IN A SHEAR WALL. PROVIDE A JOINT AT EITHER END OF A SHEAR WALL WHERE REQUIRED TO MEET MAXIMUM SPACING LIMITS INDICATED.
6. SEE TYPICAL DETAILS FOR REINFORCING NOT SPECIFIED IN PLAN.
7. HORIZONTAL JOINT REINFORCEMENT SHALL CONSIST OF TRUSS TYPE ASTM A82 COLD DRAWN NO. 9 GAUGE GALVANIZED WIRE STEEL, LOCATED 16" O.C. CROSS RODS TO BE WELDED TO SIDE RODS AT 16" O.C. TO FORM A TRUSS. LAP SPLICES 6" MINIMUM. PROVIDE HORIZONTAL REINFORCING IN TWO COURSES ABOVE AND BELOW OPENINGS AND AT THE TOP OF WALLS OR PARTITIONS.
8. PROVIDE CONTROL JOINTS IN MASONRY WALLS AS INDICATED IN THE CONCRETE MASONRY CONSTRUCTION SECTION OF THE GENERAL NOTES, U.N.O.
9. PROVIDE MASONRY TIES BETWEEN WYTHES WHEN MULTI WHYTHE WALL IS NOT A FIRE WALL, TYP.

COMMONWEALTH OF VIRGINIA
TIMOTHY H. PARK
Lic. No. 0402049331
PROFESSIONAL ENGINEER

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM # 1

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS
250 WEST MAIN STREET, SUITE 200
CHARLOTTESVILLE VA 22902
434-975-7262
MECHANICSBURG, PENNSYLVANIA
TOWSON, MARYLAND
WHITE SULPHUR SPRINGS, WEST VIRGINIA
www.cra-architects.com

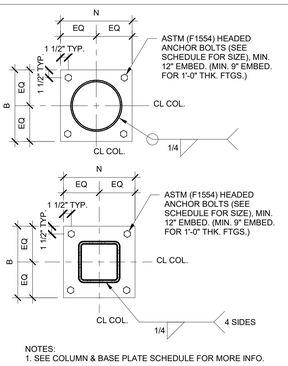
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

FIRST AND SECOND FLOOR LINTEL PLAN - ADDITION

PLOT SCALE: As indicated
FILENAME:
DATE: JANUARY 24, 2024

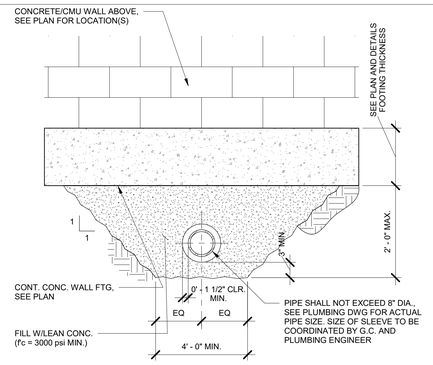
PROJECT 3636

S1.5

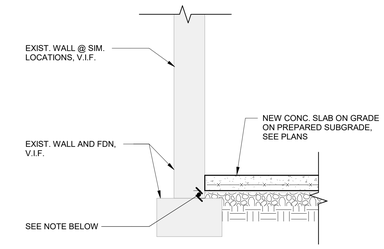


NOTES:
1. SEE COLUMN & BASE PLATE SCHEDULE FOR MORE INFO.

17 S3.2 TYP HSS COLUMN BASE PLATE DETAIL
SCALE: 1" = 1'-0"

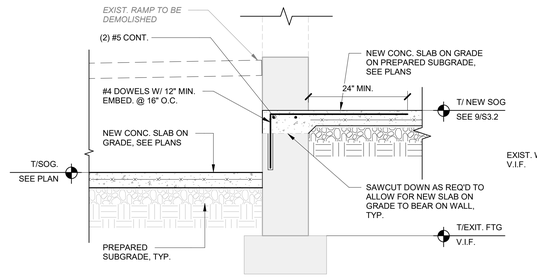


13 S3.2 PIPE PENETRATION BELOW CONTINUOUS WALL FOOTING
SCALE: 3/4" = 1'-0"

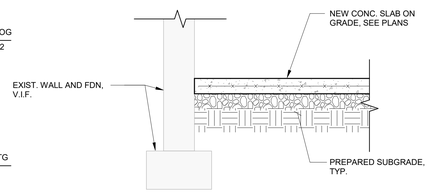


NOTE: PLACE NEW CONCRETE SLAB ON GRADE WITH A MINIMUM 2" FROM TOP OF EXISTING CONCRETE FOOTING, TYP.

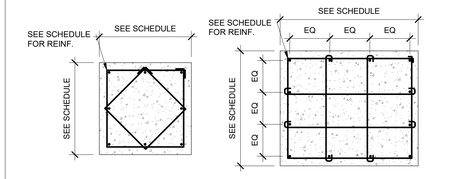
9 S3.2 SECTION @ EXIST. EXT. WALL (NEW SLAB INFILL)
SCALE: 3/4" = 1'-0"



5 S3.2 SECTION @ SLAB STEP
SCALE: 3/4" = 1'-0"

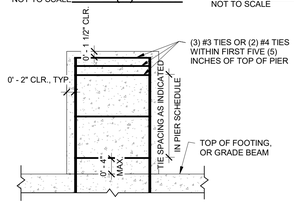


1 S3.2 SECTION THRU EXIST. EXT. WALL
SCALE: 3/4" = 1'-0"

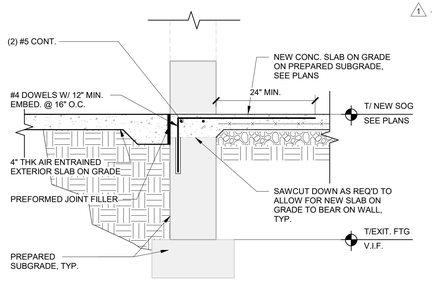


PIER DETAIL (8) BARS
NOT TO SCALE

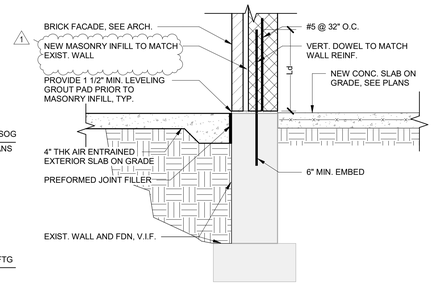
PIER DETAIL (12) BARS
NOT TO SCALE



18 S3.2 TYPICAL CONC PIER DETAIL
SCALE: 3/4" = 1'-0"

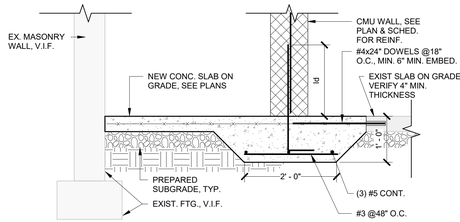


10 S3.2 SECTION @ EXIST. EXT. WALL @ SLAB EDGE
SCALE: 3/4" = 1'-0"

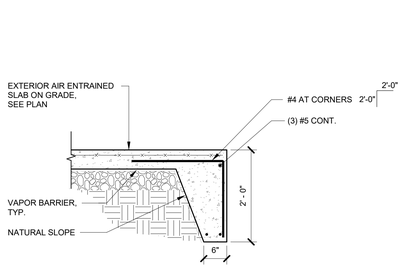


NOTE: SOLID GROUT ALL CELLS WITH REINFORCEMENT, TYP.

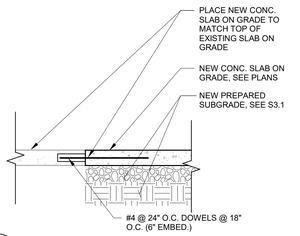
6 S3.2 SECTION @ EXIST. EXT. WALL (NEW WALL INFILL)
SCALE: 3/4" = 1'-0"



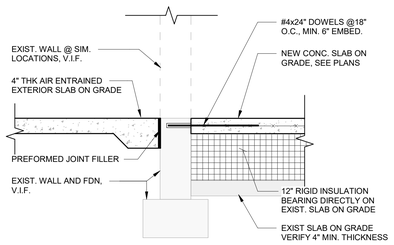
2 S3.2 SECTION THRU LOAD-BEARING CMU WALL
SCALE: 3/4" = 1'-0"



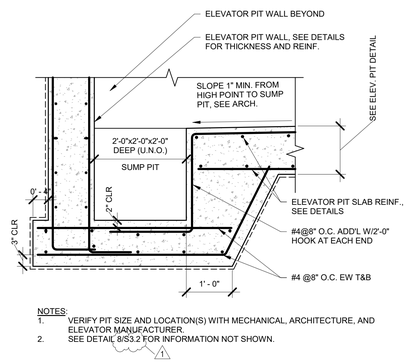
19 S3.2 EXTERIOR SLAB ON GRADE TURN DOWN EDGE
SCALE: 3/4" = 1'-0"



15 S3.2 TYP. NEW SLAB ON GRADE INFILL DETAIL
SCALE: 3/4" = 1'-0"

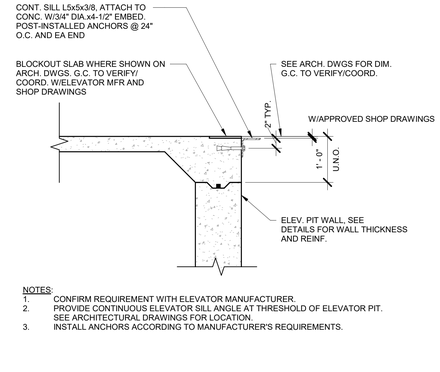


11 S3.2 SECTION @ EXIST. EXT. WALL (NEW SLAB INFILL)
SCALE: 3/4" = 1'-0"



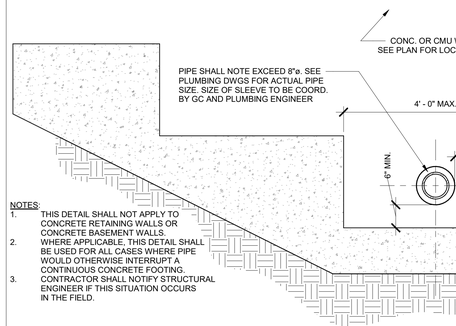
NOTES:
1. VERIFY PIT SIZE AND LOCATION(S) WITH MECHANICAL, ARCHITECTURE, AND ELEVATOR MANUFACTURER.
2. SEE DETAIL 8/S3.2 FOR INFORMATION NOT SHOWN.

7 S3.2 ELEVATOR SUMP PIT
SCALE: 3/4" = 1'-0"



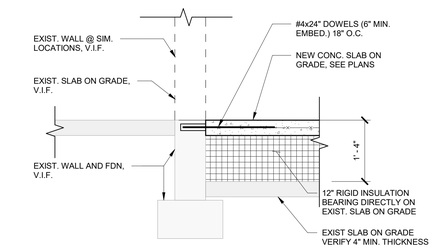
NOTES:
1. CONFIRM REQUIREMENT WITH ELEVATOR MANUFACTURER.
2. PROVIDE CONTINUOUS ELEVATOR SILL ANGLE AT THRESHOLD OF ELEVATOR PIT. SEE ARCHITECTURAL DRAWINGS FOR LOCATION.
3. INSTALL ANCHORS ACCORDING TO MANUFACTURER'S REQUIREMENTS.

3 S3.2 ELEVATOR PIT SILL ANGLE CONNECTION
SCALE: 3/4" = 1'-0"



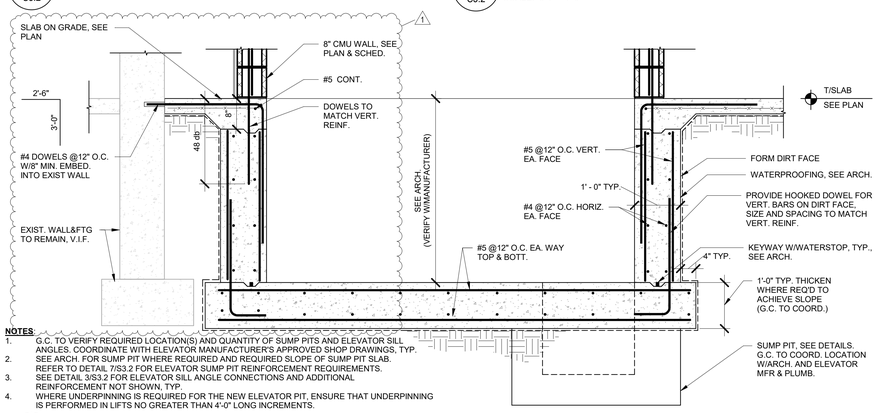
NOTES:
1. THIS DETAIL SHALL NOT APPLY TO CONCRETE RETAINING WALLS OR CONCRETE BASEMENT WALLS.
2. WHERE APPLICABLE, THIS DETAIL SHALL BE USED FOR ALL CASES WHERE PIPE WOULD OTHERWISE INTERRUPT A CONTINUOUS CONCRETE FOOTING. CONTRACTOR SHALL NOTIFY STRUCTURAL ENGINEER IF THIS SITUATION OCCURS IN THE FIELD.

20 S3.2 UTILITY OPENING THROUGH WALL DETAIL
SCALE: 3/4" = 1'-0"



NOTE: WHERE EXISTING WALL IS PRESENT IN LIEU OF SLAB ON GRADE, DOWELS ARE NOT NEEDED. PROVIDE PRE-FORMED JOINT FILLER AT THE FACE OF THE WALL.

12 S3.2 SECTION @ EXIST. SLAB STEP
SCALE: 3/4" = 1'-0"



NOTES:
1. G.C. TO VERIFY REQUIRED LOCATION(S) AND QUANTITY OF SUMP PITS AND ELEVATOR SILL ANGLES. COORDINATE WITH ELEVATOR MANUFACTURER'S APPROVED SHOP DRAWINGS, TYP.
2. SEE ARCH. FOR SUMP PIT WHERE REQUIRED AND REQUIRED SLOPE OF SUMP PIT SLAB. REFER TO DETAIL 7/S3.2 FOR ELEVATOR SUMP PIT REINFORCEMENT REQUIREMENTS.
3. SEE DETAIL 3/S3.2 FOR ELEVATOR SILL ANGLE CONNECTIONS AND ADDITIONAL REINFORCEMENT NOT SHOWN, TYP.
4. WHERE UNDERPINNING IS REQUIRED FOR THE NEW ELEVATOR PIT, ENSURE THAT UNDERPINNING IS PERFORMED IN LIFTS NO GREATER THAN 4'-0" LONG INCREMENTS.

8 S3.2 SECTION THROUGH ELEVATOR PIT
SCALE: 3/4" = 1'-0"

COMMONWEALTH OF VIRGINIA
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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM # 1

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS
250 WEST MAIN STREET, SUITE 200 CHARLOTTESVILLE VA 22902 434-975-7262
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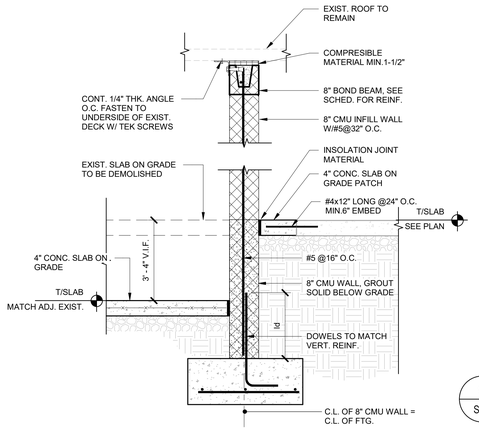
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

FOUNDATION SECTIONS AND DETAILS

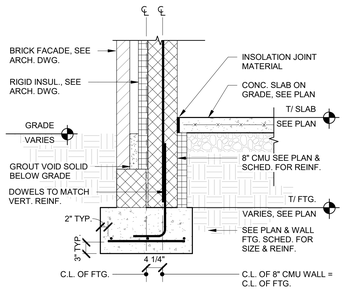
PLOT SCALE: As indicated
FILENAME:
DATE: JANUARY 24, 2024

PROJECT 3636

S3.2

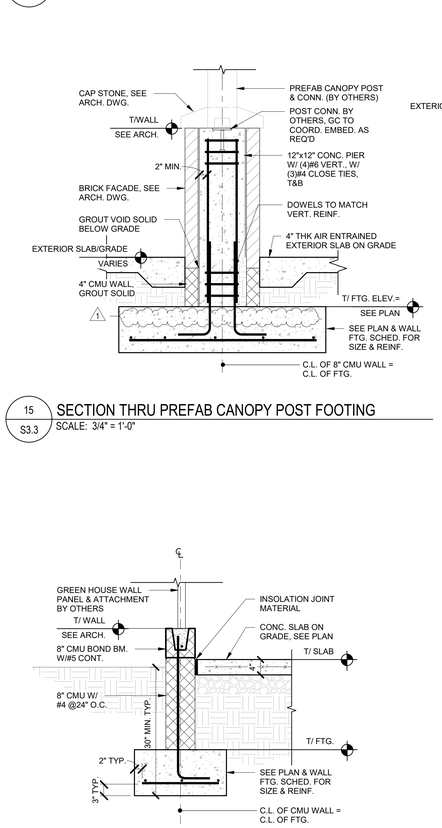


13 S3.3 SECTION AT CMU INFILL
SCALE: 3/4" = 1'-0"

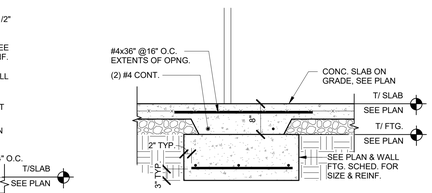


14 S3.3 SECTION THRU CMU WALL FOOTING
SCALE: 3/4" = 1'-0"

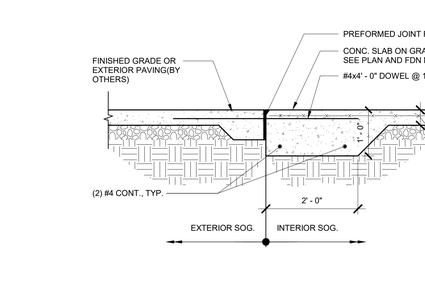
15 S3.3 SECTION THRU PREFAB CANOPY POST FOOTING
SCALE: 3/4" = 1'-0"



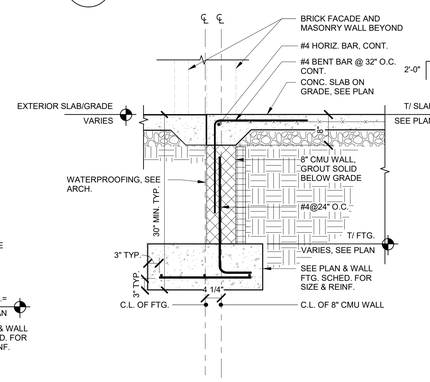
16 S3.3 SECTION THRU GREENHOUSE FOOTING
SCALE: 3/4" = 1'-0"



9 S3.3 SECTION THRU INTERIOR CMU WALL AT THRESHOLD
SCALE: 3/4" = 1'-0"

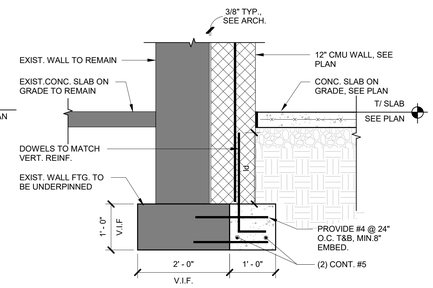


10 S3.3 SECTION BETWEEN EXTERIOR AND INTERIOR SLAB EDGE
SCALE: 3/4" = 1'-0"

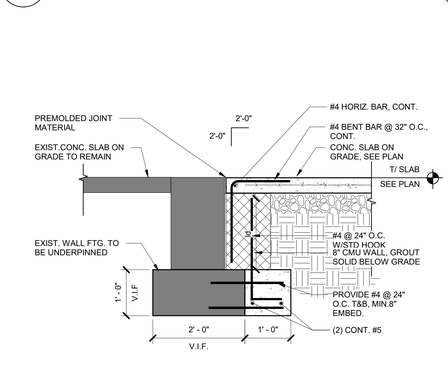


11 S3.3 SECTION THRU SLAB EDGE AT THRESHOLD
SCALE: 3/4" = 1'-0"

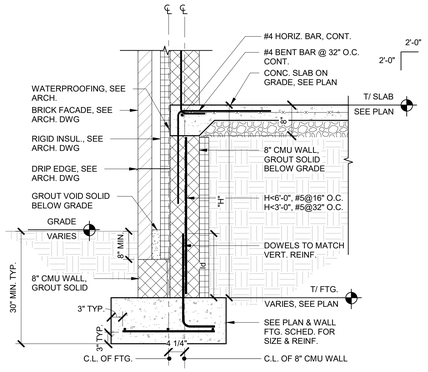
12 S3.3 SECTION THRU SITE RETAINING WALL
SCALE: 3/4" = 1'-0"



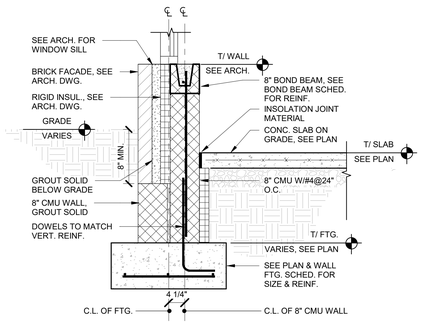
6 S3.3 SECTION THRU UNDERPINGING
SCALE: 3/4" = 1'-0"



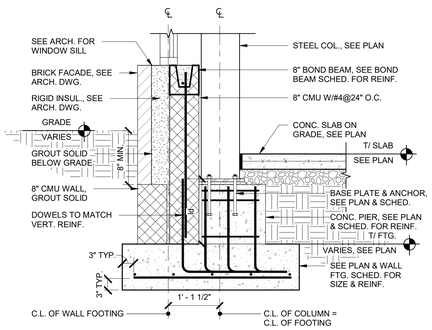
7 S3.3 SECTION THRU UNDERPINGING AT THRESHOLD
SCALE: 3/4" = 1'-0"



1 S3.3 SECTION THRU LOAD BEARING CMU WALL FOOTING
SCALE: 3/4" = 1'-0"

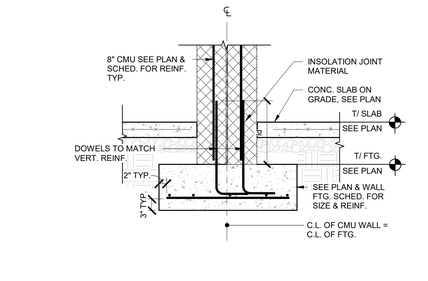


2 S3.3 SECTION THRU LOAD BEARING CMU WALL AT WINDOW
SCALE: 3/4" = 1'-0"

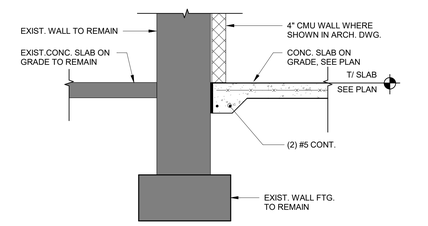


3 S3.3 SECTION THRU COLUMN PIER
SCALE: 3/4" = 1'-0"

16 S3.3 SECTION THRU GREENHOUSE FOOTING
SCALE: 3/4" = 1'-0"



8 S3.3 SECTION THRU INTERIOR CMU WALL DOUBLE WALL
SCALE: 3/4" = 1'-0"



4 S3.3 SECTION THRU EXIST. FDN FOOTING
SCALE: 3/4" = 1'-0"

COMMONWEALTH OF VIRGINIA
TIMOTHY H. PARK
Lic. No. 0402049331
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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM # 1

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS
250 WEST MAIN STREET, SUITE 200 MECHANICSBURG, PENNSYLVANIA www.cra-architects.com
CHARLOTTESVILLE VA 22902 TOWSON, MARYLAND
434-975-7262 WHITE SULPHUR SPRINGS, WEST VIRGINIA

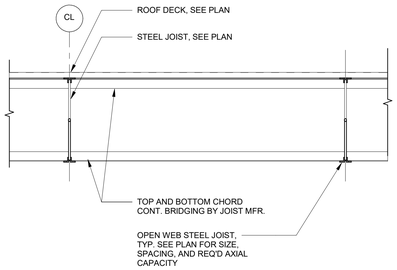
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

FOUNDATION SECTIONS AND DETAILS

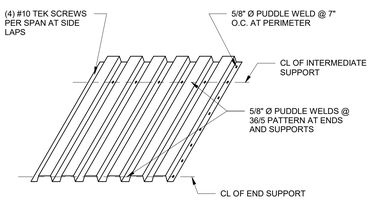
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FILENAME:
DATE: JANUARY 24, 2024

PROJECT 3636

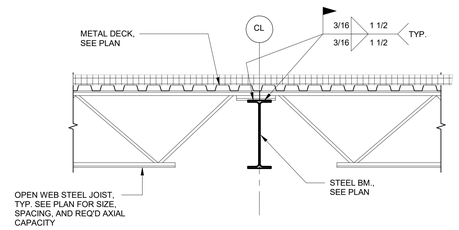
S3.3



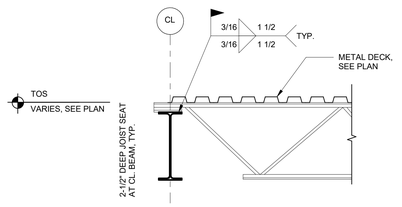
21 S4.1 TYPICAL JOIST BRIDGING
SCALE: 3/4" = 1'-0"



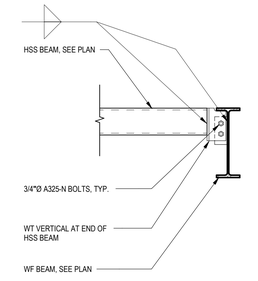
16 S4.1 TYPICAL DECK ATTACHMENT DETAIL
SCALE: 3/4" = 1'-0"



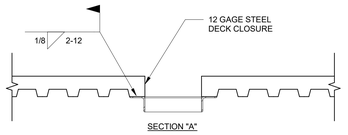
11 S4.1 TYPICAL JOIST BEARING ON WIDE FLANGE BEAM
SCALE: 3/4" = 1'-0"



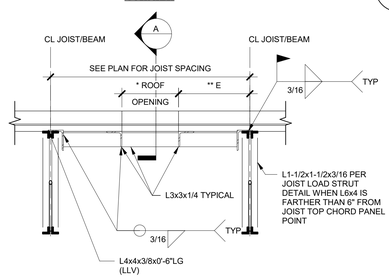
6 S4.1 JOIST TO PERIMETER BEAM CONNECTION
SCALE: 3/4" = 1'-0"



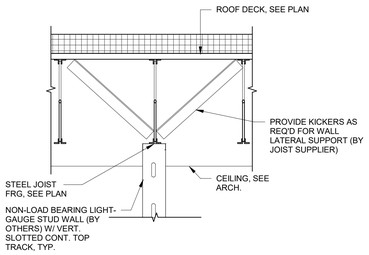
1 S4.1 HSS BEAM TO WF BEAM CONNECTION
SCALE: 3/4" = 1'-0"



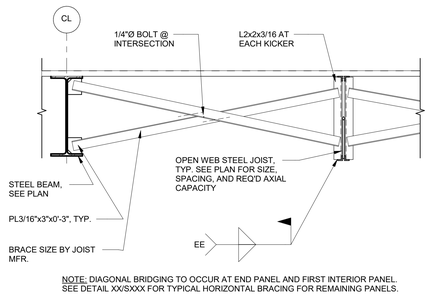
SECTION "A"



23 S4.1 TYPICAL EQUIPMENT CURB SUPPORT AT ROOF
SCALE: 1" = 1'-0"

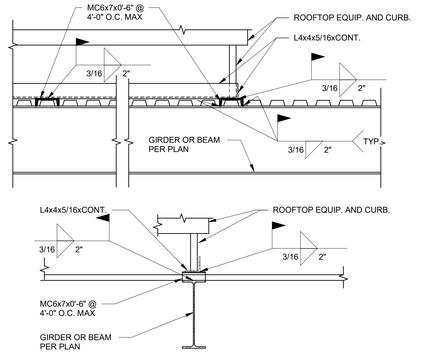


24 S4.1 SECTION AT JOIST ABOVE NLB LIGHT GAUGE WALL
SCALE: 3/4" = 1'-0"

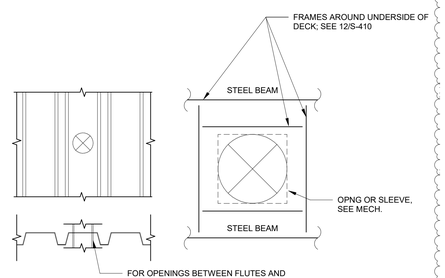


NOTE: DIAGONAL BRIDGING TO OCCUR AT END PANEL AND FIRST INTERIOR PANEL. SEE DETAIL XX/SXXX FOR TYPICAL HORIZONTAL BRACING FOR REMAINING PANELS.

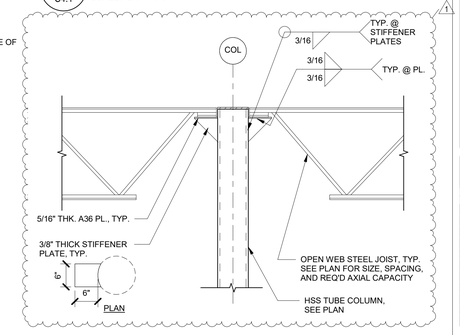
17 S4.1 TYPICAL JOIST BRIDGING DETAIL
SCALE: 3/4" = 1'-0"



12 S4.1 TYPICAL EQUIPMENT CURB SUPPORT AT ROOF
SCALE: 3/4" = 1'-0"



7 S4.1 TYPICAL OPENING IN ROOF DECK
SCALE: 3/4" = 1'-0"



NOTES:
1. JOIST ENGINEER MAY SUBMIT ALTERNATIVE METHOD OF JOIST TO COLUMN CONNECTION

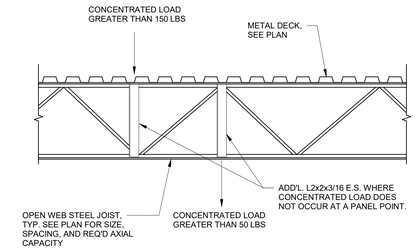
2 S4.1 JOIST BEARING ON HSS COLUMN
SCALE: 3/4" = 1'-0"

NOTES:
1. COORDINATE QUANTITY, LOCATION, & OPENING SIZE WITH MECH. DWGS.
2. NOT REQUIRED AT OPENINGS LESS THAN 12" SQUARE.
3. PROVIDE FRAME AT EACH ROOF DRAIN LOCATION.
4. PROVIDE UNDER UNSUPPORTED EDGES OF EQUIPMENT NOT EXCEEDING 200 LBS.

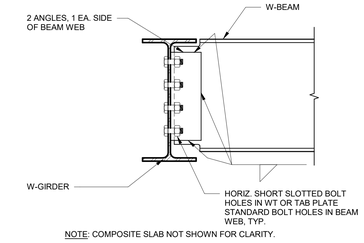
13 S4.1 TYPICAL FRAMED ROOF OPENING w/ WF BEAMS
SCALE: 3/4" = 1'-0"

8 S4.1 SECTION AT CHANGE IN ROOF DECK DIRECTION
SCALE: 3/4" = 1'-0"

3 S4.1 TYPICAL CONNECTIONS TOP LEVEL
SCALE: 3/4" = 1'-0"

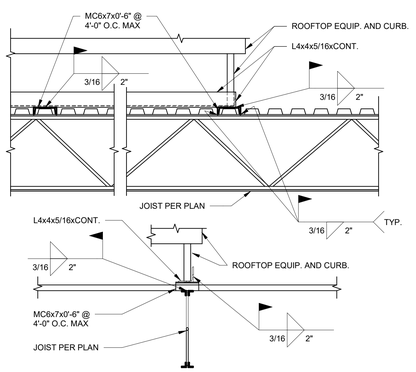


9 S4.1 JOIST REINFORCING AT CONCENTRATED LOADS
SCALE: 3/4" = 1'-0"

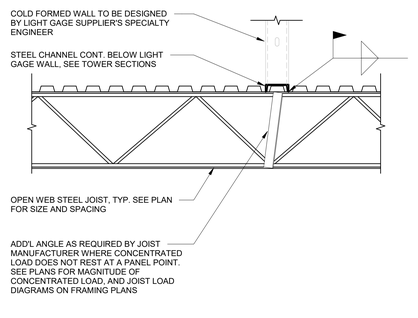


NOTE: COMPOSITE SLAB NOT SHOWN FOR CLARITY.

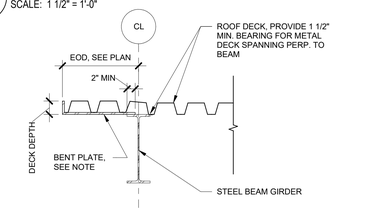
4 S4.1 TYPICAL SHEAR CONNECTION
SCALE: 1 1/2" = 1'-0"



15 S4.1 TYPICAL EQUIPMENT CURB SUPPORT AT ROOF
SCALE: 3/4" = 1'-0"



10 S4.1 JOIST SUPPORTING LIGHT GAGE FRAMING
SCALE: 3/4" = 1'-0"



NOTE: SEE TABLE FOR THICKNESS U.N.O. IN SECTIONS. PROVIDE AT ALL DECK WEAK AXIS CONDITIONS. GC TO COORDINATE BENT PLATE WITH LIGHT GAGE WALL DESIGNER'S REQUIREMENTS AND PROVIDE SAME BENT PLATE ON DECK STRONG AXIS CONDITIONS IF REQUIRED FOR BRACING LIGHT WALL STUDS.

DECK EDGE PLATE SCHEDULE	
OVERHANG	THICKNESS
FROM 0" TO 1'-0"	3/16"
FROM 1'-0" TO 1'-4"	1/4"
FROM 1'-4" TO 1'-7"	3/8"
FROM 1'-7" TO 1'-10"	1/2"

5 S4.1 TYPICAL EDGE OF ROOF DECK
SCALE: 3/4" = 1'-0"

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM # 1

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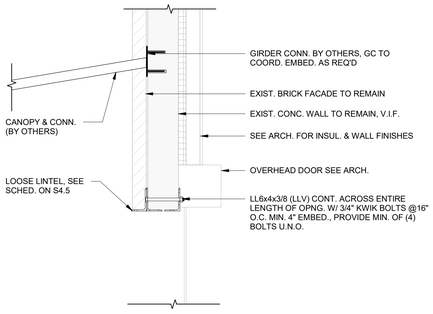
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SCHOOL BOARD OF THE CITY OF STAUNTON
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

STEEL FRAMING SECTIONS AND DETAILS

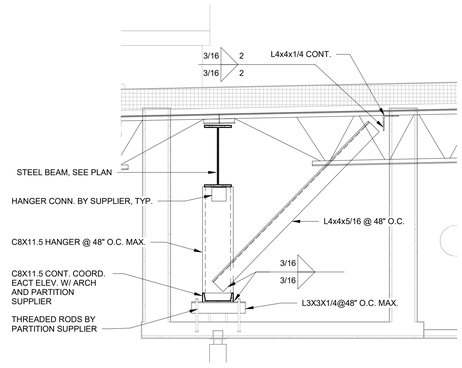
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FILENAME:
DATE: JANUARY 24, 2024

PROJECT 3636

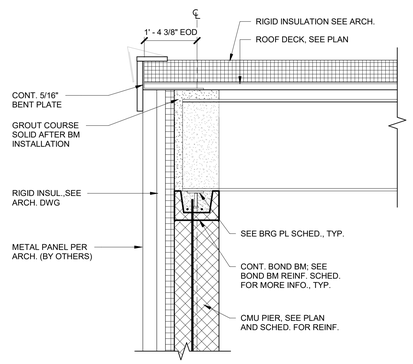
S4.1



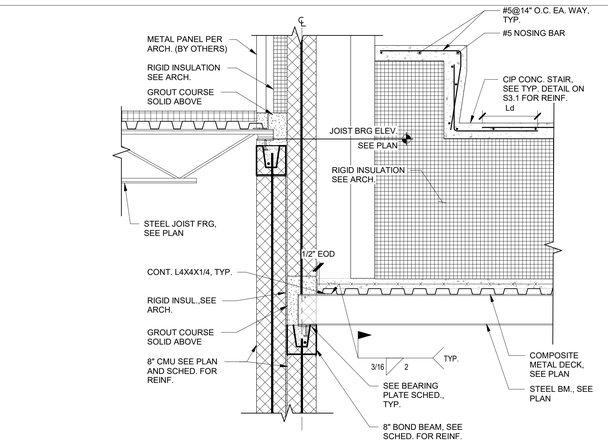
13 S4.2 SECTION THRU STEEL LINTEL AT EXISTING CONCRETE WALL
SCALE: 3/4" = 1'-0"



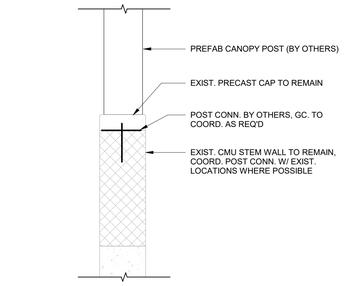
9 S4.2 SECTION THRU PARTITION WALL
SCALE: 3/4" = 1'-0"



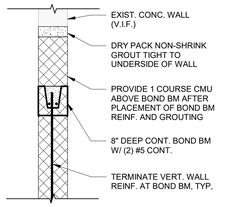
5 S4.2 SECTION
SCALE: 3/4" = 1'-0"



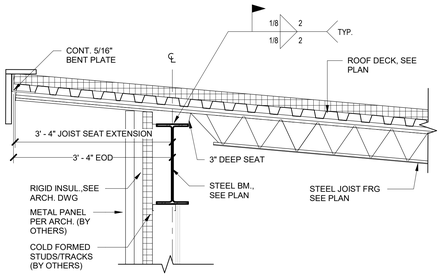
1 S4.2 SECTION
SCALE: 3/4" = 1'-0"



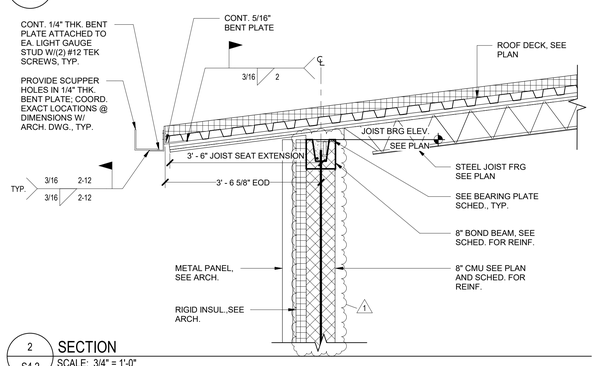
14 S4.2 SECTION THRU PREFAB CANOPY SUPPORT AT CMU STEM WALL
SCALE: 3/4" = 1'-0"



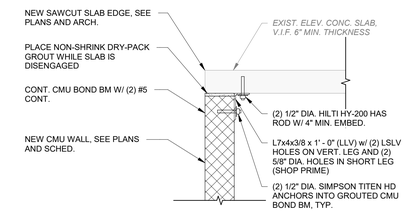
10 S4.2 SECTION THRU NEW NON-LOAD BRG CMU WALL INFILL
SCALE: 3/4" = 1'-0"



6 S4.2 SECTION THRU AUDITORIUM ROOF JOIST
SCALE: 3/4" = 1'-0"

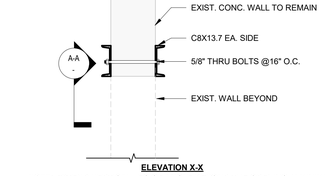


2 S4.2 SECTION
SCALE: 3/4" = 1'-0"

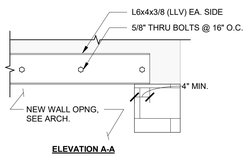


NOTE: EXISTNG CONCRETE SLAB SHALL BE SHORED PRIOR TO PLACEMENT OF NEW MASONRY WALL TO ENSURE SLAB WILL FULLY BEAR ONTO THE WALL.

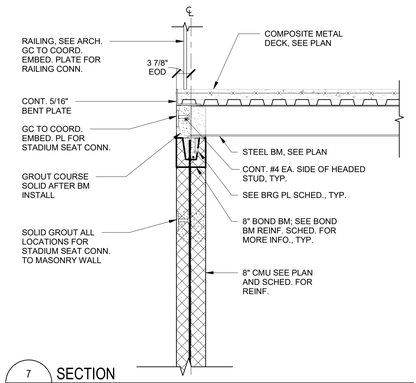
15 S4.2 SECTION THRU NEW SLAB OPNG
SCALE: 3/4" = 1'-0"



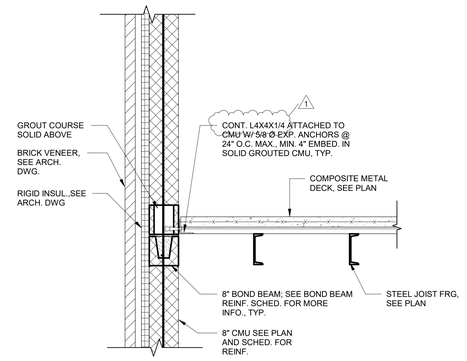
NOTE: EXTEND VERTICAL LEG OF ANGLE BEYOND THE OPENING 4" MINIMUM FOR LAST THRU BOLT ATTACHMENT, SEE ELEVATION BELOW.



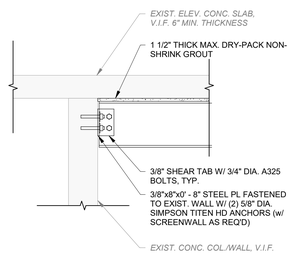
11 S4.2 SECTION THRU EXIST CMU LINTEL REINFORCEMENT
SCALE: 3/4" = 1'-0"



7 S4.2 SECTION
SCALE: 3/4" = 1'-0"

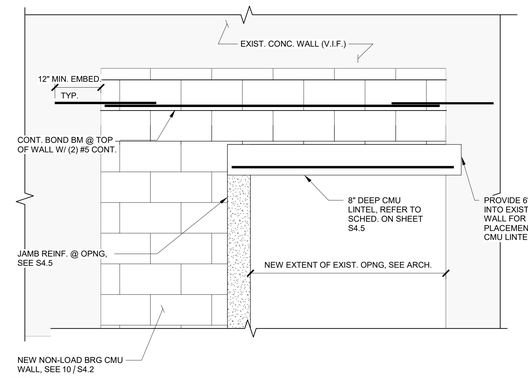


3 S4.2 SECTION
SCALE: 3/4" = 1'-0"

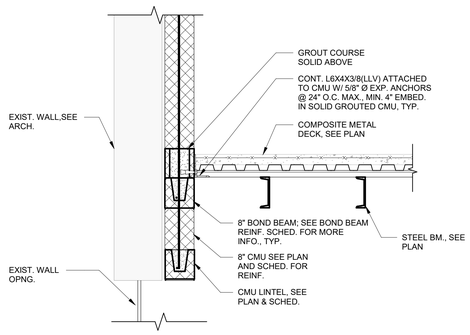


NOTES:
1. EXISTING SLAB SHALL BE SHORED PRIOR TO PLACEMENT OF NEW STEEL IN ORDER TO DISENGAGE FLOOR FORCES IN THE SLAB. GC TO PROVIDE BRACING AND/OR SHORING AS REUQIRED.
2. IF EXISTING WALL IS FOUND TO BE CONCRETE, USE APPROVED ANCHOR FOR CONCRETE WALLS WITH EQUIVALENT LOAD CAPACITY. FOLLOW NUMBER OF ANCHORS BASED ON NUMBER OF SHEAR BOLTS USED.

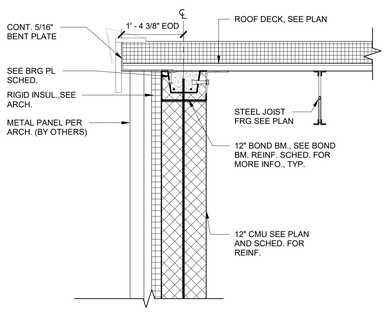
16 S4.2 SECTION THRU NEW STEEL FRAMING
SCALE: 3/4" = 1'-0"



12 S4.2 SECTION
SCALE: 3/4" = 1'-0"



8 S4.2 SECTION
SCALE: 3/4" = 1'-0"



4 S4.2 SECTION
SCALE: 3/4" = 1'-0"

COMMONWEALTH OF VIRGINIA
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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM # 1

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434-975-7262
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WHITE SULPHUR SPRINGS, WEST VIRGINIA

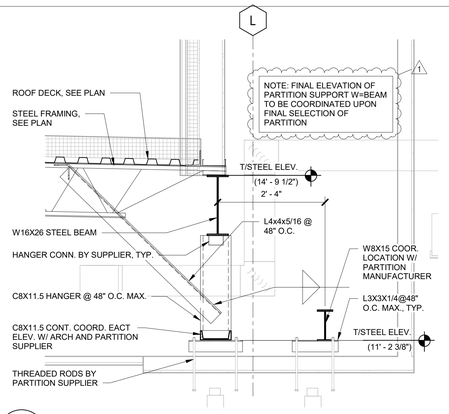
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

STEEL FRAMING SECTIONS AND DETAILS

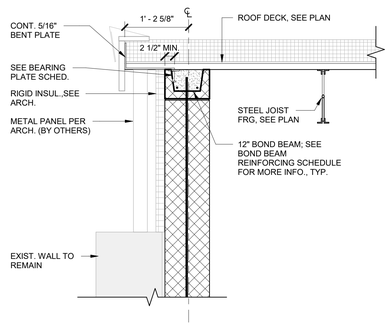
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FILENAME:
DATE: JANUARY 24, 2024

PROJECT 3636

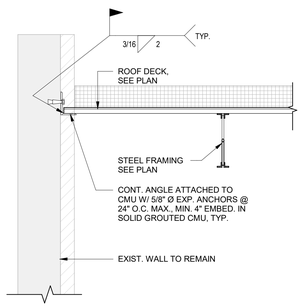
S4.2



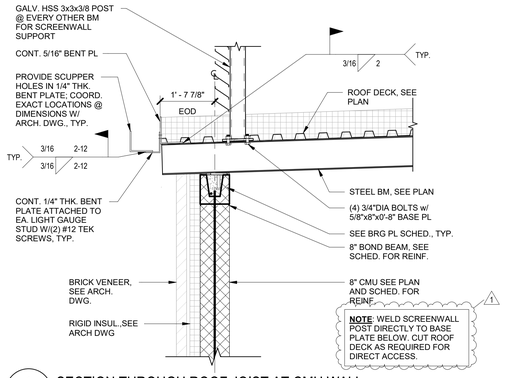
13 S4.3 SECTION
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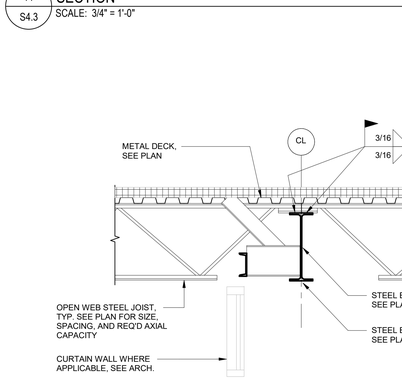
9 S4.3 SECTION
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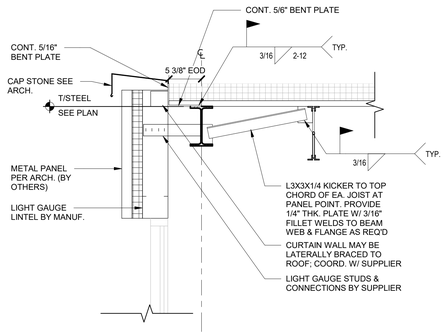
5 S4.3 SECTION
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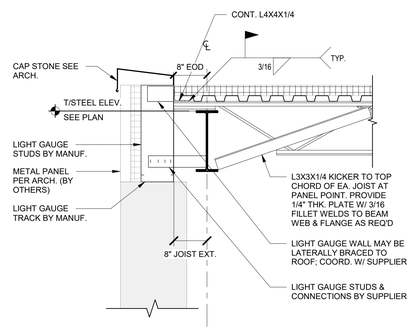
1 S4.3 SECTION THROUGH ROOF JOIST AT CMU WALL
SCALE: 3/4" = 1'-0"



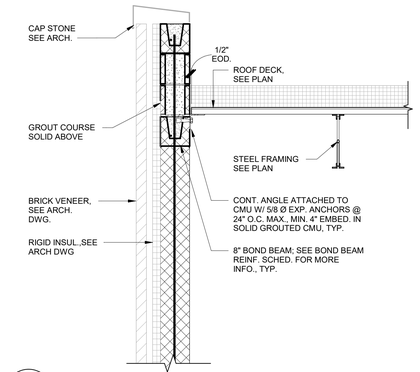
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10 S4.3 SECTION
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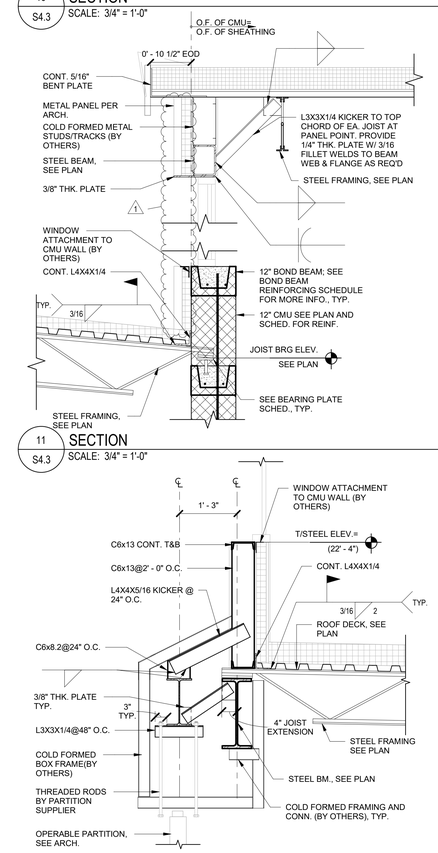


6 S4.3 SECTION
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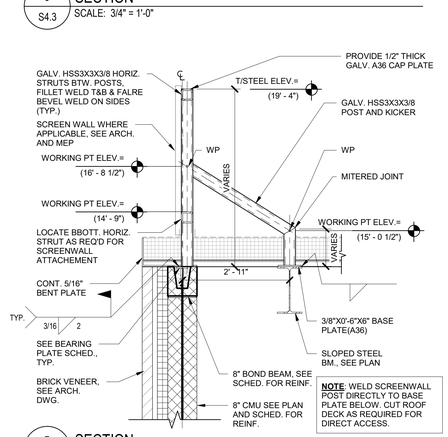


2 S4.3 SECTION THROUGH ROOF JOIST AT CMU WALL
SCALE: 3/4" = 1'-0"

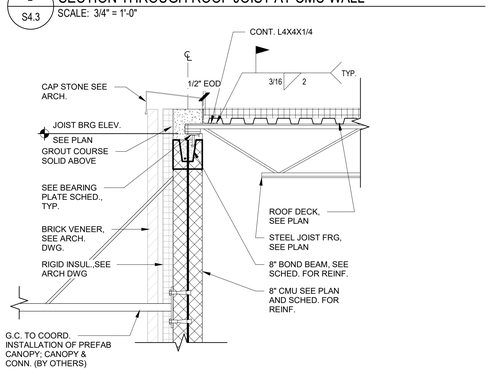
15 S4.3 SECTION THRU JOIST BEARING ON STEEL BEAM
SCALE: 3/4" = 1'-0"



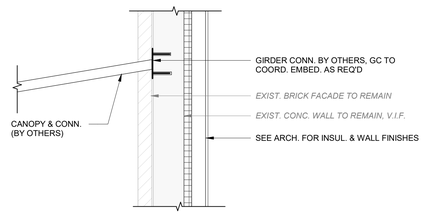
11 S4.3 SECTION
SCALE: 3/4" = 1'-0"



7 S4.3 SECTION
SCALE: 3/4" = 1'-0"

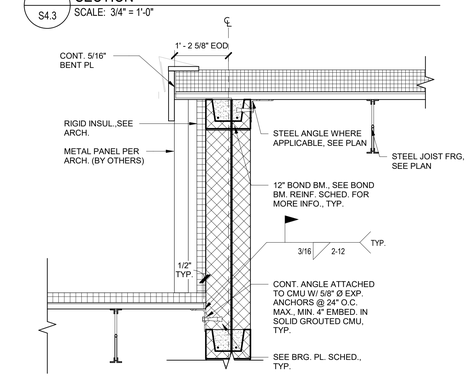


3 S4.3 SECTION
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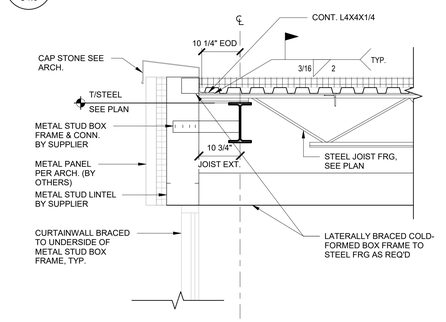


16 S4.3 SECTION THRU NEW PREFAB CANOPY AT EXIST. CONC. WALL
SCALE: 3/4" = 1'-0"

12 S4.3 SECTION THRU PARTITION WALL AT MULTI PURPOSE ROOM
SCALE: 3/4" = 1'-0"



8 S4.3 SECTION
SCALE: 3/4" = 1'-0"



4 S4.3 SECTION
SCALE: 3/4" = 1'-0"

COMMONWEALTH OF VIRGINIA
TIMOTHY H. PARK
Lic. No. 0402049331
PROFESSIONAL ENGINEER

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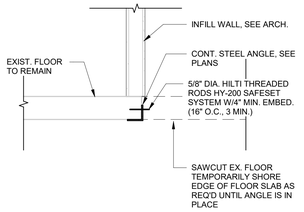
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STEEL FRAMING SECTIONS AND DETAILS

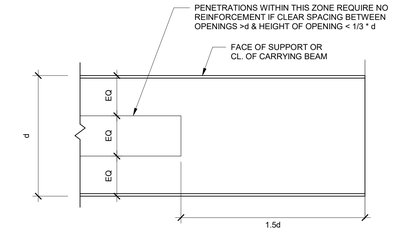
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FILENAME:
DATE: JANUARY 24, 2024

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S4.3

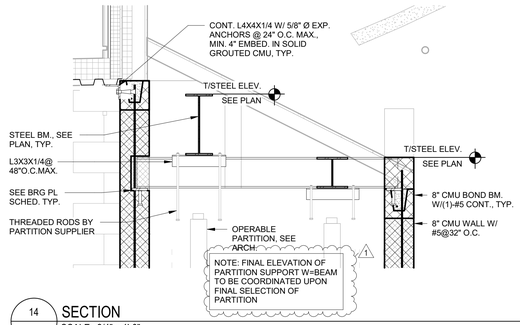


5 S4.4 TYP EXIST. FLOOR EDGE SUPPORT AT NEW STAIR
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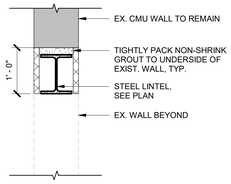


NOTES:
1. DETAIL INDICATES ZONE REQUIRING NO ADD'L REINFORCING . HOLES MAY BE ROUND OR RECTANGULAR W/ 1/2" MIN. RADIUS ON CORNERS.
2. HOLES ARE TO BE DRILLED OR PLASMA CUT UNLESS SPECIFICALLY APPROVED IN WRITING BY THE EOR.
3. HOLES LARGER THAN AS SHOWN ABOVE ARE TO BE REINFORCED W/ A SCHEDULE 80 PIPE OR 3/8" WALL HSS AT LEAST 1/2" ID LARGER THAN THE UTILITY PASSING THROUGH. REINFORCING PIECE TO BE 4" LONG MIN. & WELDED BOTH SIDES W/ 3/16" FILLETS ALL AROUND.
4. IN NO CASE ARE HOLES > 2/3 OF THE BEAM HEIGHT PERMITTED IN THE MIDDLE 1/3 OF THE BEAM SPAN OR WITHIN 2d OF THE SUPPORT.

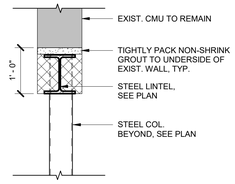
1 S4.4 TYP BEAM PENETRATION DETAIL
SCALE: 1" = 1'-0"



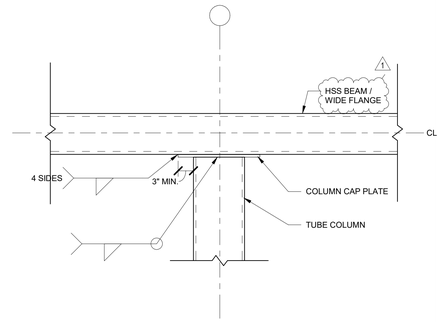
14 S4.4 SECTION
SCALE: 3/4" = 1'-0"



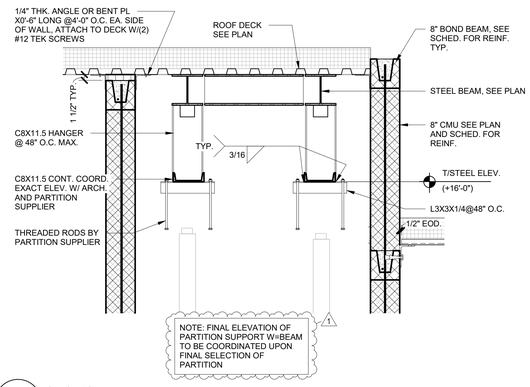
10 S4.4 SECTION THRU NEW STEEL LINTEL IN EXIST. WALL
SCALE: 3/4" = 1'-0"



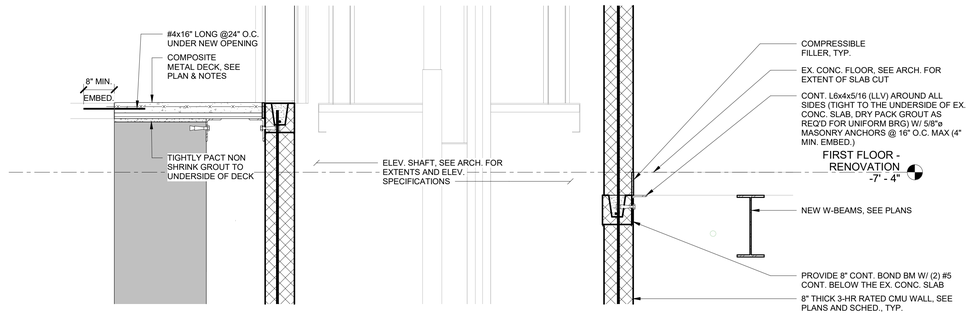
6 S4.4 SECTION THRU EXIST CMU LINTEL
SCALE: 3/4" = 1'-0"



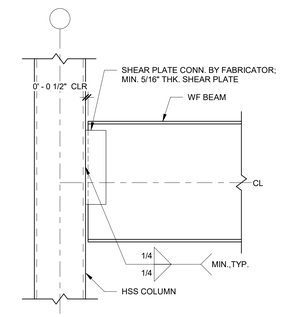
2 S4.4 TYP CONT BEAM CONN
SCALE: 1" = 1'-0"



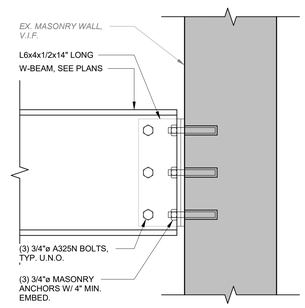
15 S4.4 SECTION
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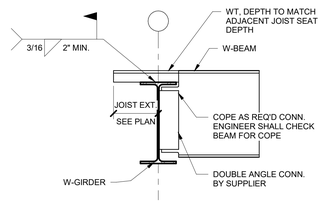
11 S4.4 SECTION THRU ELEVATOR SHAFT
SCALE: 3/4" = 1'-0"



3 S4.4 TYP SHEAR PLATE BEAM TO HSS COLUMN CONN
SCALE: 1" = 1'-0"



8 S4.4 NEW W-BEAM CONN. TO EX. MASONRY WALL
SCALE: 1 1/2" = 1'-0"



4 S4.4 TYPICAL BEAM EXTENSION PARALLEL TO JOIST EXTENSION DETAIL
SCALE: 1" = 1'-0"

COMMONWEALTH OF VIRGINIA
TIMOTHY H. PARK
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STEEL FRAMING SECTIONS AND DETAILS

PLOT SCALE: As indicated
FILENAME:
DATE: JANUARY 24, 2024

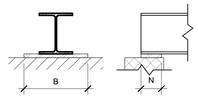
PROJECT 3636

S4.4

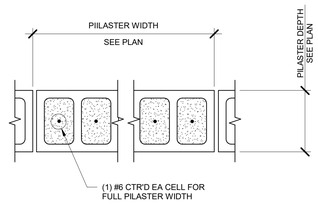
BEARING PLATE SCHEDULE

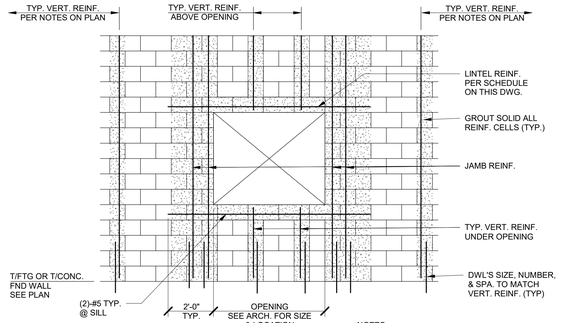
MARK	BEARING PLATE SIZE (N X B X THK.)	REMARKS
BP1	4" X 8" X 5/8"	SINGLE BEAM & JOIST BEARING PLATE W/ (2) 1/2" Ø x 5" LONG HEADED STUDS
BP2	7" X 8" X 5/8"	DOUBLE BEAM & JOIST BEARING PLATE W/ (2) 1/2" Ø x 5" LONG HEADED STUDS
BP3	6" X 9" X 5/8"	1 W8, W12 & W16 BEAM & HSS BEARING PLATE W/ (2) 1/2" Ø x 5" LONG HEADED STUDS
BP4	6" X 10" X 1"	W18 & W24 BEAM BEARING PLATE W/ (2) 1/2" Ø x 5" LONG HEADED STUDS

NOTES:
1. ALL SINGLE K-SERIES JOISTS & STEEL BEAMS SHALL BEAR ON BP1, U.N.O.
2. ALL DOUBLE-BEARING K-SERIES JOISTS SHALL BEAR ON BP2, U.N.O.
3. BEARING PLATE ORIENTATION DEPENDS ON CMU WALL ORIENTATION AND SHALL BE ADJUSTED ACCORDINGLY SO THE PLATE DOES NOT OVERHANG THE CMU WALLS.
4. FOR ROOF TRUSS BEARING PLATE SEE DETAIL ON PLAN.



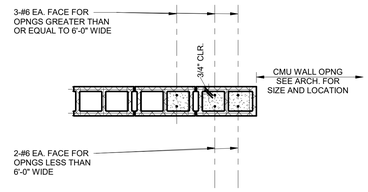
BEARING PLATE DIMENSIONS



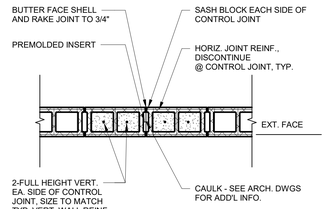


TYP WALL ELEVATION

NOTES:
1. TYP. BOND BEAM REINF. NOT SHOWN FOR CLARITY.
2. DETAIL SHOWN IS FOR WINDOWS. DOOR OPNGS. ARE SIMILAR.

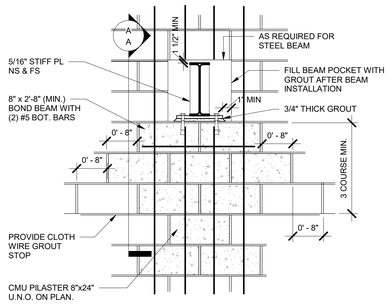


TYP JAMB DETAIL



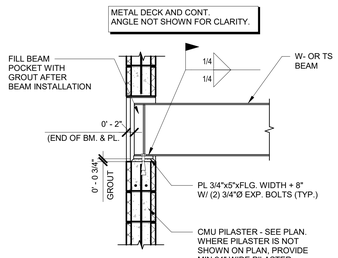
NOTE: VERTICAL REINFORCING MAY BE REQUIRED AT EACH FACE, SEE FOUNDATION NOTES FOR REQUIREMENTS.

17 S4.5 BEARING PL. SCHEDULE
SCALE: 1" = 1'-0"



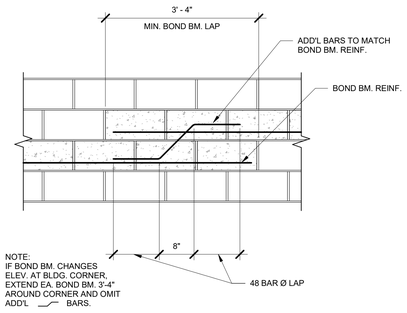
TYP ELEVATION

13 S4.5 CMU PILASTER DETAIL
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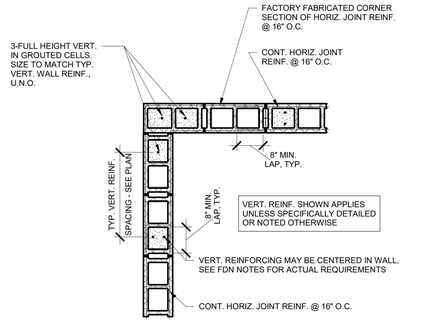


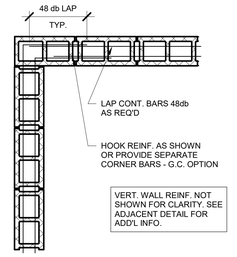
TYP SECTION A-A

9 S4.5 CMU WALL OPENINGS DETAIL
SCALE: 3/4" = 1'-0"



1 S4.5 CMU WALL CONTROL JOINT DETAIL
SCALE: 3/4" = 1'-0"

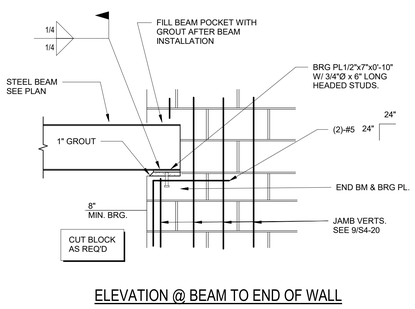




AT BOND BEAM

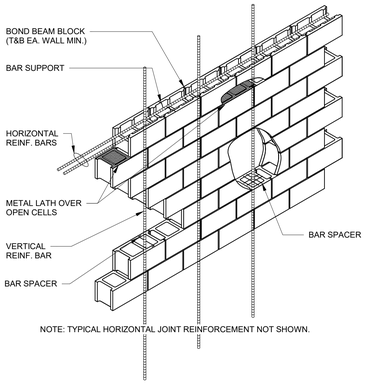
TYP. VERT. REINF. AND JOINT REINF.

18 S4.5 REINFORCING DETAIL WHERE STEEL BEAM BEARING ON CMU
SCALE: 3/4" = 1'-0"



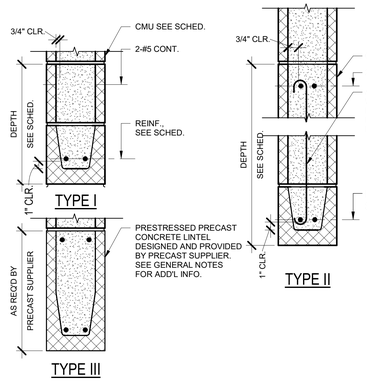
ELEVATION @ BEAM TO END OF WALL

10 S4.5 CMU BOND BEAM STEP
SCALE: 3/4" = 1'-0"



NOTE: TYPICAL HORIZONTAL JOINT REINFORCEMENT NOT SHOWN.

6 S4.5 CMU WALL CORNER DETAILS
SCALE: 3/4" = 1'-0"



CONCRETE NON LOAD-BEARING MASONRY LINTEL SCHEDULE

CLEAR SPAN	12" BLOCK			8" BLOCK		
	LINTEL DEPTH	REINF. (BOTT.)	COMMENTS	LINTEL DEPTH	REINF. (BOTT.)	COMMENTS
UP TO 4'-0"	16"	2-#5	TYPE I	16"	2-#5	TYPE I
4'-1" TO 8'-0"	24"	2-#6	TYPE I	24"	2-#6	TYPE I
8'-1" TO 10'-0"	32"	2-#8	TYPE II	32"	2-#8	TYPE II
10'-1" TO 14'-8"	40"	2-#8	TYPE II	40"	2-#8	TYPE II
GREATER THAN 14'-8"	NOTE #2	NOTE #2	TYPE III	NOTE #2	NOTE #2	TYPE III

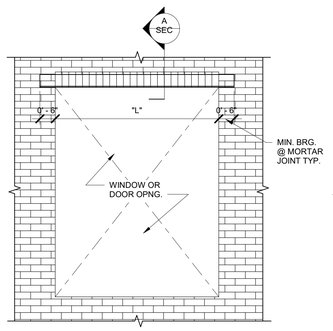
NOTES:
1. SEE TYPICAL SCHEMATIC CMU WALL OPENING ELEVATION FOR ADDITIONAL INFORMATION.
2. PRECAST LINTEL DEPTH AND REINFORCING SHALL BE DETERMINED BY THE PRECAST SUPPLIER. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.

NON-LOAD BEARING NON-FIRE WALL MASONRY REINFORCEMENT SCHEDULE			
12" CMU	EXTERIOR	Hw ≤ 15'-0"	#6@48" CTR'D
		Hw > 15'-0" ≤ 20'-0"	#6@48" CTR'D
	INTERIOR	Hw ≤ 25'-0"	#6@48" CTR'D
8" CMU	EXTERIOR	Hw ≤ 15'-0"	#5@48" CTR'D
		Hw > 15'-0" ≤ 18'-0"	#6@48" CTR'D
	INTERIOR	Hw ≤ 20'-0"	#5@48" CTR'D

NON-LOAD BEARING FIRE WALL MASONRY REINFORCEMENT SCHEDULE		
	REQUIRED FIRE-RESISTANCE PERIOD	
12" CMU	4 HRS	#6@48" CTR'D
8" CMU	4 HRS	#5@8" CTR'D
	3 HRS	#5@16" CTR'D
	2 HRS	#5@32" CTR'D

NOTES:
1. GROUT CMU CELLS AT VERTICAL REINFORCING ONLY.
2. ANCHOR ALL VERTICAL REINF. TO FOUNDATION USING MATCHING DOWELS.
3. PROVIDE ADDITIONAL (2)-#5 VERTICAL REINF. EA. SIDE OF OP-ING CONTROL JOINT.
4. PROVIDE CONT. 9 GA TRUSS TYPE HORIZ. JOINT REINF. @ 16" O.C.
5. REINFORCE CMU CORES AT ALL CORNERS W/ (2)-#6
6. USE BOND BEAM W/ (2)-#5 MIN. AT TOP AND BOTT. OF WALL AND 10'-0" CENTERS MAX.
7. EXTERIOR LOCATION APPLIES WHERE CMU WALL OR FINISH ON CMU WALL IS DIRECTLY EXPOSED TO WIND. INCLUDING INTERIOR WALLS LOCATED IN WIND PATHS. INTERIOR LOCATION APPLIES WHERE CMU WALL IS NOT DIRECTLY EXPOSED TO WIND.

19 S4.5 RUNNING BOND NON-LOAD BEARING CMU WALL REINFORCEMENT SCHEDULE
SCALE: 1/2" = 1'-0"



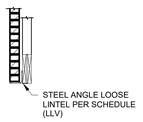
WINDOW ELEVATION

BRICK LOOSE STEEL LINTEL SCHEDULE

A. STEEL LINTEL SCHEDULE FOR MASONRY OPENING IS AS FOLLOWS:

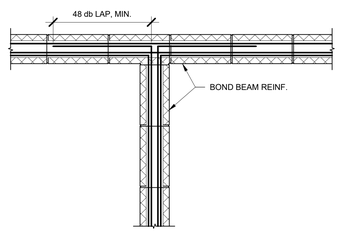
MAXIMUM SPAN L	STEEL ANGLE SIZE (LLV)
3'-0"	L3 1/2 x 3 1/2 x 1/4 x 4'-0"
4'-0"	L5 x 3 1/2 x 1/4 x 5'-0"
5'-0"	L5 x 3 1/2 x 5/16 x 6'-0"
8'-0"	L5 x 3 1/2 x 3/8 x 9'-0"
9'-0"	L6 x 4 x 3/8 x 10'-0"
12'-0"	L7 x 4 x 1/2 x 13'-0"

B. PROVIDE ROLLED STEEL ANGLE LINTELS @ ALL ARCHES.

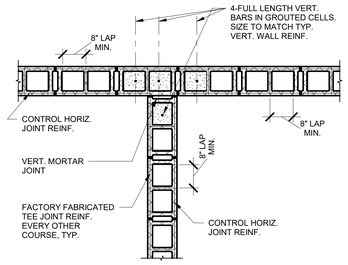


SECTION "A"

7 S4.5 CMU WALL LINTEL DETAIL AND SCHEDULE
SCALE: 1 1/2" = 1'-0"



AT BOND BEAM



TYP. VERT. REINF. AND JOINT REINF.

NOTE: BOND BEAM REINFORCEMENT AT FRAMED FLOORS AND ROOF LEVEL SHALL BE CONTINUOUS THROUGH THE CONTROL JOINT. INTERMEDIATE BOND BEAM REINFORCEMENT, BOND BEAM REINFORCEMENT AT TOP OF PARAPETS AND BOND BEAM REINFORCEMENT AT SLAB ON GRADE ELEVATION SHALL BE DISCONTINUED AT CONTROL JOINTS.

20 S4.5 STEEL SUPPORT AT CMU WALL
SCALE: 3/4" = 1'-0"

16 S4.5 STEEL ANGLE BRICK LOOSE LINTEL
SCALE: 1/2" = 1'-0"

8 S4.5 CMU WALL INTERSECTION DETAIL
SCALE: 3/4" = 1'-0"

TIMOTHY H. PARK
Lic. No. 0402049331
PROFESSIONAL ENGINEER
COMMONWEALTH OF VIRGINIA

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM # 1

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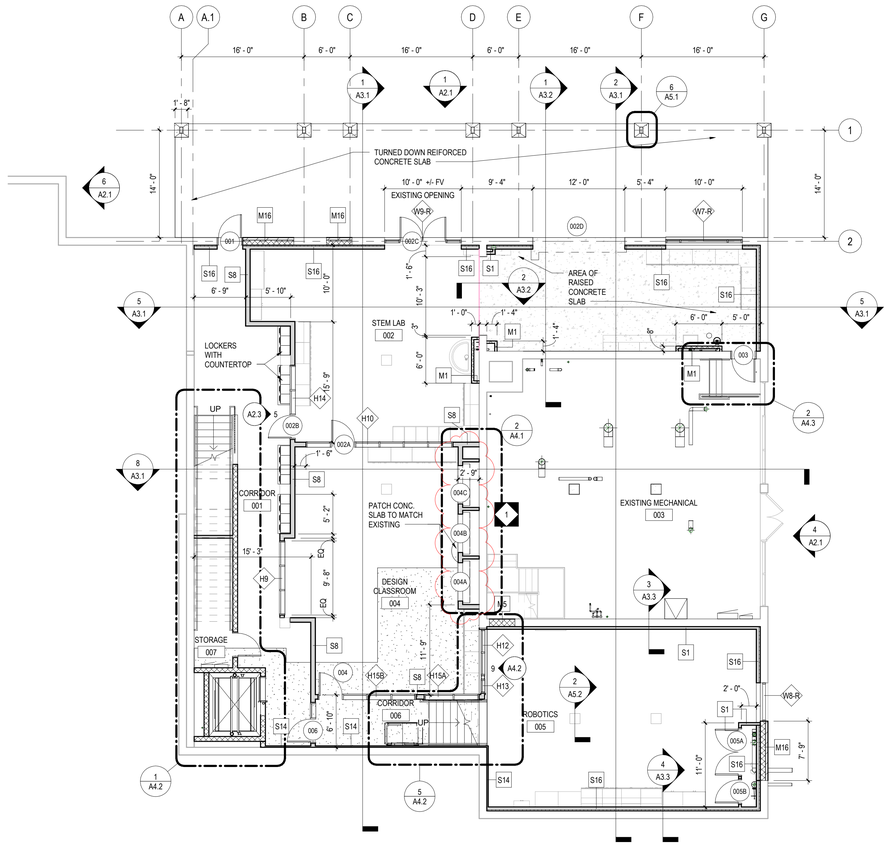
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

CMU FRAMING SECTIONS AND DETAILS

PLOT SCALE: As indicated
FILENAME:
DATE: JANUARY 24, 2024

PROJECT 3636

S4.5


A
A.1
B
C
D
E
F
G
16' - 0"
6' - 0"
1' - 8"
TURNED DOWN REIFORCED CONCRETE SLAB
10' - 0" +/- FV
EXISTING OPENING
9' - 4"
12' - 0"
5' - 4"
10' - 0"
14' - 0"
W9-R
W7-R
M16
001
002C
002D
S16
S8
S1
AREA OF RAISED CONCRETE SLAB
6' - 9"
5' - 10"
10' - 0"
1' - 6"
10' - 3"
1' - 0"
1' - 4"
STEM LAB
002
M1
003
LOCKERS WITH COUNTERTOP
UP
002B
002A
H14
15' - 9"
H10
CORRIDOR
001
5' - 2"
15' - 3"
9' - 8"
H9
PATCH CONC. SLAB TO MATCH EXISTING
004C
004B
004A
DESIGN CLASSROOM
004
EXISTING MECHANICAL
003
STORAGE
007
004
H15B
H15A
CORRIDOR
006
ROBOTICS
005
H12
H13
11' - 9"
2' - 0"
W8-R
005A
005B
11' - 0"
7' - 9"
S14
6' - 10"
H7
H11
H8
H5
H6
H4
S3
S4
S5
M5
M12
M15
M16
W1-R
W2-R
W3-R
W4-R
W5-R
W6-R
W7-R
W8-R
W9-R
A2.3
A4.1
A4.2
A4.3
A5.1
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A5.48
A5.49

REFLECTED CEILING PLAN GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, GYPSUM BULKHEADS TO BE 3 5/8" METAL STUDS AT 16" O/C WITH 5/8" GWB EACH SIDE, EXTENDING MIN 2" BELOW ADJACENT CEILING.

2. CEILING GRID SHALL BE COORDINATED WITH MEP EQUIPMENT AND DEVICES.

3. UNLESS NOTED OTHERWISE, ALL VISIBLE STRUCTURAL STEEL, ROOF/ FLOOR DECK, DUCTWORK, PIPING, CONDUIT, HANGER WIRES, ETC AT EXPOSED LOCATIONS OR ABOVE CEILING CLOUDS SHALL BE PAINTED.

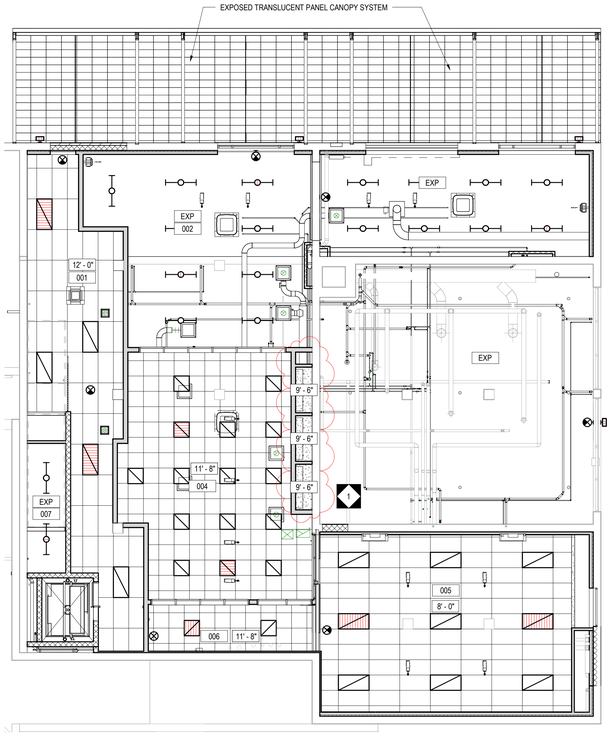
4. REFER TO ROOM FINISH SCHEDULE FOR CEILING TYPES.

5. ALL VISIBLE HANGER WIRES, STRUCTURE AND BRACING AT EXPOSED CEILING GRID OR CEILING CLOUD LOCATIONS SHALL BE INSTALLED PLUMB AND LEVEL.

6. FOR WINDOWS THAT REQUIRE TWO OR MORE ROLLER SHADES, EACH ROLLER SHADE SHALL TERMINATE AT THE CENTER OF THE WINDOW MULLION. REFER TO HOLLOW METAL AND ALUMINUM FRAME ELEVATIONS FOR FOR DIMENSIONS AND WINDOW MULLION DESIGN AND ROLLER SHADE BRAKES.

LEGEND

- 2' X 4' SUSPENDED CEILING SYSTEM
- 2' X 2' SUSPENDED CEILING SYSTEM
- GYPSUM WALLBOARD
- LINEAR METAL SOFFIT
- STEEL LINTEL - PAINTED
- 2' X 4' LIGHT FIXTURE
- 1' X 4' LIGHT FIXTURE
- 2' X 2' LIGHT FIXTURE
- SEE MEP DRAWINGS
- SEE MEP DRAWINGS
- RECESSED DOWN LIGHT
- PENDANT LIGHT FIXTURES
- (M) ROLLER SHADE - MANUAL
- (MB) ROLLER SHADE - MANUAL BLACKOUT W/ DUAL ROLLER
- (E) ROLLER SHADE - MOTORIZED
- (EB) ROLLER SHADE - MOTORIZED BLACKOUT W/ DUAL ROLLER



1 A1.4 GROUND FLOOR REFLECTED CEILING PLAN - RENOVATION
1/8" = 1'-0"



2 A1.4 FIRST FLOOR REFLECTED CEILING PLAN - RENOVATION
1/8" = 1'-0"



3 A1.4 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - RENOVATION ADMINISTRATION (ALTERNATE #2)
1/8" = 1'-0"

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1	02/20/2024		ADDENDUM #1

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TOWSON, MARYLAND
WHITE SULPHUR SPRINGS, WEST VIRGINIA

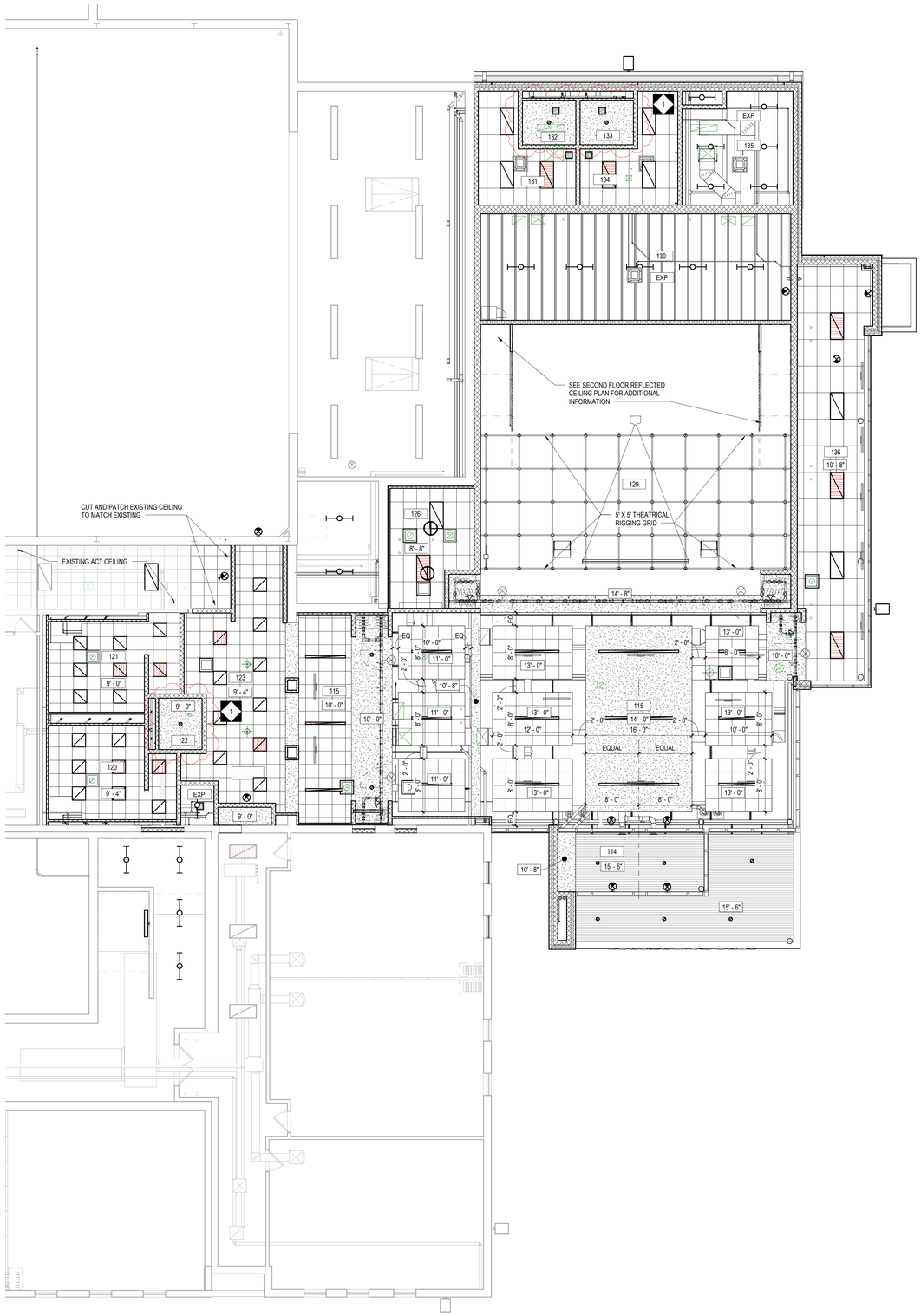
ADDITIONS AND RENOVATIONS
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PARTIAL LOWER LEVEL AND FIRST FLOOR REFLECTED CEILING PLANS - RENOVATION

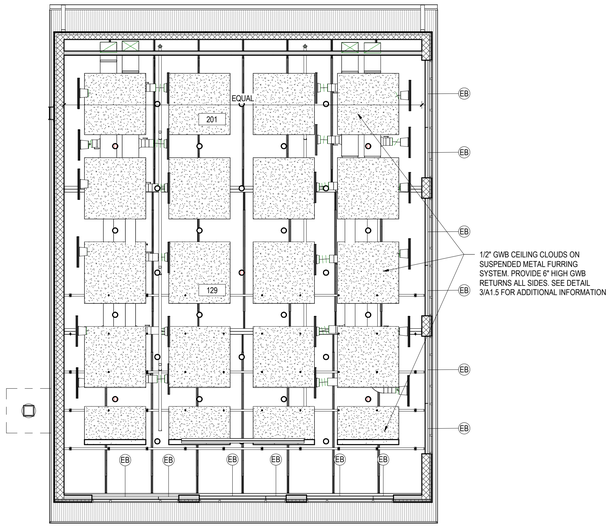
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FILENAME:
DATE: 01/24/2023

PROJECT 3636

A1.4



1 A1.5 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN - ADDITION (ALTERNATE #1)
1/8" = 1'-0"



2 A1.5 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN - ADDITION (ALTERNATE #1)
1/8" = 1'-0"

REFLECTED CEILING PLAN GENERAL NOTES:

1. UNLESS NOTED OTHERWISE, GYPSUM BULKHEADS TO BE 3 5/8" METAL STUDS AT 16" O/C WITH 5/8" GWB EACH SIDE, EXTENDING MIN 2" BELOW ADJACENT CEILING.
2. CEILING GRID SHALL BE COORDINATED WITH MEP EQUIPMENT AND DEVICES.
3. UNLESS NOTED OTHERWISE, ALL VISIBLE STRUCTURAL STEEL, ROOF/ FLOOR DECK, DUCTWORK, PIPING, CONDUIT, HANGER WIRES, ETC AT EXPOSED LOCATIONS OR ABOVE CEILING CLOUDS SHALL BE PAINTED.
4. REFER TO ROOM FINISH SCHEDULE FOR CEILING TYPES.
5. ALL VISIBLE HANGER WIRES, STRUCTURE AND BRACING AT EXPOSED CEILING GRID OR CEILING CLOUD LOCATIONS SHALL BE INSTALLED PLUMB AND LEVEL.
6. FOR WINDOWS THAT REQUIRE TWO OR MORE ROLLER SHADES, EACH ROLLER SHADE SHALL TERMINATE AT THE CENTER OF THE WINDOW MULLION. REFER TO HOLLOW METAL AND ALUMINUM FRAME ELEVATIONS FOR FOR DIMENSIONS AND WINDOW MULLION DESIGN AND ROLLER SHADE BRAKES.

LEGEND

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- GYPSUM WALLBOARD
- LINEAR METAL SOFFIT
- STEEL LINTEL - PAINTED
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- 1' X 4' LIGHT FIXTURE
- 2' X 2' LIGHT FIXTURE
- SEE MEP DRAWINGS
- SEE MEP DRAWINGS
- RECESSED DOWN LIGHT
- PENDANT LIGHT FIXTURES
- M — ROLLER SHADE - MANUAL
- MB — ROLLER SHADE - MANUAL BLACKOUT W/ DUAL ROLLER
- E — ROLLER SHADE - MOTORIZED
- EB — ROLLER SHADE - MOTORIZED BLACKOUT W/ DUAL ROLLER

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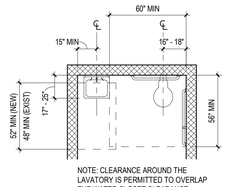
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FIRST AND SECOND FLOOR REFLECTED CEILING PLANS - ADDITION (ALTERNATE #1)

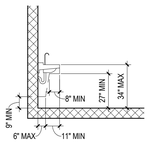
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FILENAME:
DATE: 01/24/2023

PROJECT 3636

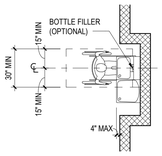
A1.5



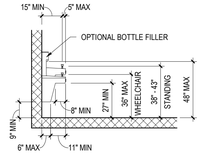
CLEAR FLOOR AT WALL HUNG WATER CLOSET AND LAVATORY



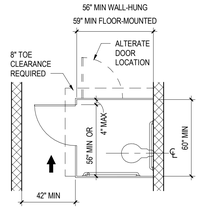
LAVATORY HEIGHT AND LEG CLEARANCE



CLEAR FLOOR AT DRINKING FOUNTAIN

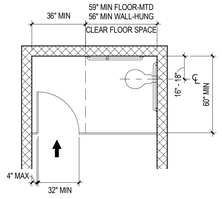


DRINKING FOUNTAIN HEIGHT AND LEG CLEARANCE

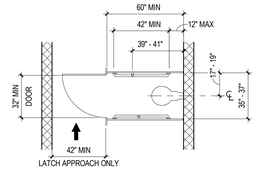


TOE CLEARANCE 12" MIN AFF

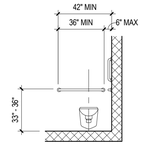
PLAN FOR WATER CLOSET



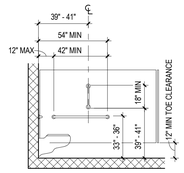
ALTERNATE PLAN FOR WATER CLOSET



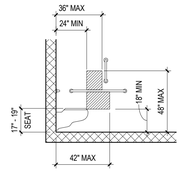
PLAN FOR AMBULATORY ACCESSIBLE TOILET COMPARTMENT



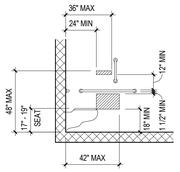
REAR WALL GRAB BAR FOR WATER CLOSET



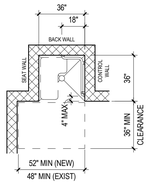
SIDE WALL GRAB BAR FOR WATER CLOSET



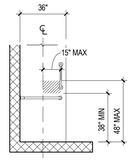
SIDE WALL RECESSED DISPENSERS



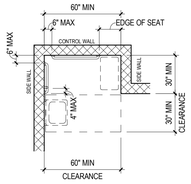
SIDE WALL PROTRUDING DISPENSERS



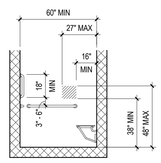
PLAN FOR TRANSFER-TYPE SHOWER



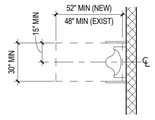
CONTROL WALL FOR TRANSFER-TYPE SHOWER



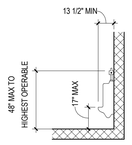
PLAN FOR ROLL-IN SHOWER



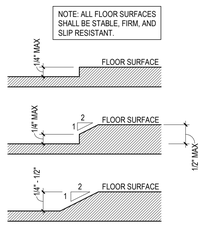
ROLL-IN SHOWER SIDE & BACK WALL



URINAL CLEARANCES



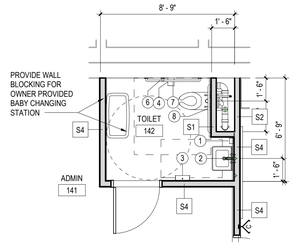
WALL HUNG URINAL CLEARANCES



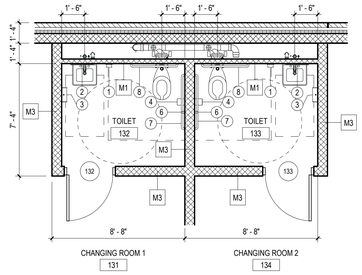
CHANGES IN FLOOR LEVEL

ACCESSIBILITY STANDARDS

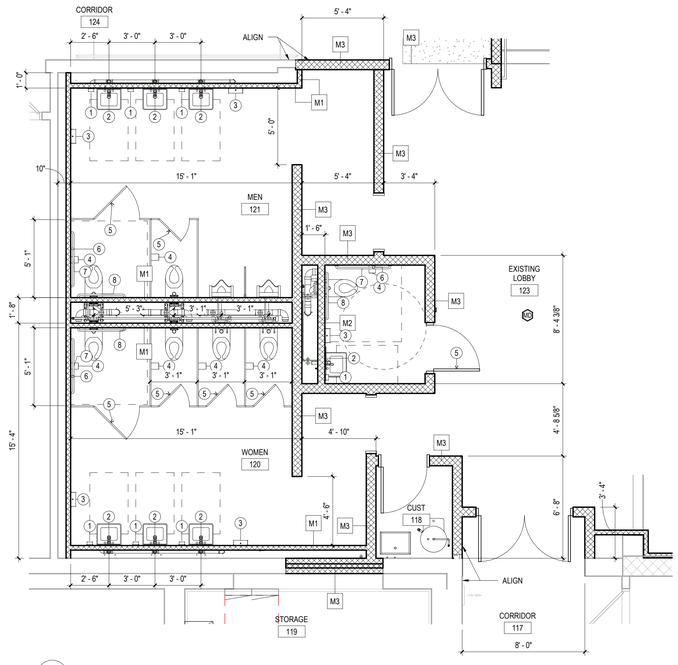
NOT TO SCALE



1 A4.1 LARGE SCALE TOILET PLAN (ALTERNATE #2)
1/4" = 1'-0"



3 A4.1 LARGE SCALE TOILET PLAN (ALTERNATE #1)
1/4" = 1'-0"



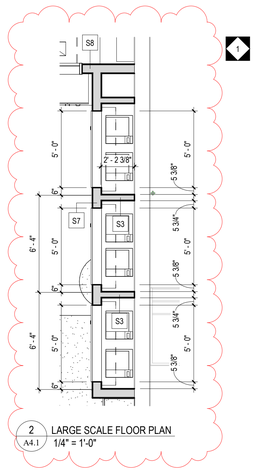
4 A4.1 LARGE SCALE TOILET PLAN (ALTERNATE #1)
1/4" = 1'-0"

GENERAL NOTES:

1. ACCESSIBLE FIXTURES ARE INDICATED WITH THE REQUIRED CLEAR FLOOR SPACE CLEARANCES FOR ALL ACCESSIBLE ROUTES & MANEUVERING CLEARANCES.
2. PLUMBING FIXTURE ROUGH-IN DIMENSIONS & TOILET PARTITION LAYOUT DIMENSIONS ARE FROM THE WALL FINISH MATERIAL.
3. PROVIDE WOOD BLOCKING IN STUD WALLS FOR ALL TOILET ACCESSORIES.
4. TOILET PARTITION DIMENSIONS ARE TO THE PANEL CENTERLINE UNLESS NOTED OTHERWISE. MINIMUM CLEAR DIMENSIONS MUST BE PROVIDED WHERE NOTED.
5. COORDINATE ALL WALL FINISHES WITH THE ROOM FINISH SCHEDULE.
6. CONTRACTOR TO CONFIRM WITH THE OWNER'S REPRESENTATIVE THE LOCATION OF ALL SURFACE-MOUNTED TOILET ROOM ACCESSORIES PRIOR TO INSTALLATION.
7. URINAL PARTITIONS SHALL BEGIN AT A HEIGHT NO MORE THAN 12" FROM AND EXTEND NOT LESS THAN 60" ABOVE THE FINISHED FLOOR SURFACE. URINAL PARTITIONS SHALL EXTEND FROM THE WALL SURFACE AT EACH SIDE OF THE URINAL A MINIMUM OF 18".
8. ACCESSIBLE LOCKERS ARE INDICATED AS ' ' . AT DOUBLE TIER LOCKERS, ONLY THE BOTTOM TIER IS REQUIRED TO BE ACCESSIBLE. FOR FOUR TIER LOCKERS, ONLY THE BOTTOM TWO TIERS ARE REQUIRED TO BE ACCESSIBLE.

TOILET ACCESSORY SCHEDULE

No.	DESCRIPTION	MOUNTING	MANUFACTURER	MODEL
	URINAL SCREEN	AS SPECIFIED	AS SPECIFIED	–
1	SURFACE MOUNTED SOAP DISPENSER	PUSH BUTTON @ 44" MAX AFF	BOBRICK	B-2111
2	MIRROR 18" x 30" w/ SS FRAME	40" AFF TO BOTTOM EDGE OF REFLECTING SURFACE	BOBRICK	B-165 (1830)
3	SURFACE MOUNTED PAPER TOWEL DISPENSER	48" MAX TO OUTLET OF DISPENSER	BOBRICK	B-2860
6	18" GRAB BAR (VERTICAL)	39" MIN - 41" MAX AFF TO BOTTOM OF GRAB BAR	BOBRICK	B-5806 x 18
7	42" GRAB BAR (HORIZONTAL)	33" MIN - 36" MAX AFF TO TOP OF GRIPPING SURFACE	BOBRICK	B-5806 x 42
8	36" GRAB BAR (HORIZONTAL)	33" MIN - 36" MAX AFF TO TOP OF GRIPPING SURFACE	BOBRICK	B-5806 x 36



2 A4.1 LARGE SCALE FLOOR PLAN
1/4" = 1'-0"

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/2024		ADDENDUM #1

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434-975-7262
www.cra-architects.com
MECHANICSBURG, PENNSYLVANIA
TOWSON, MARYLAND
WHITE SULPHUR SPRINGS, WEST VIRGINIA

ADDITIONS AND RENOVATIONS
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

LARGE SCALE TOILET PLANS - RENOVATION AND ADDITION

PLOT SCALE: 1/4" = 1'-0"
FILENAME:
DATE: 01/24/2023

PROJECT 3636

A4.1

GROUND FLOOR ROOM FINISH SCHEDULE

NUMBER	NAME	COLOR SCHEME	FLOOR	BASE	WALLS			CEILING FINISH	REMARKS
					WALL FINISH	WAINSCOT FINISH	WAINSCOT HEIGHT		
GROUND FLOOR									
001	CORRIDOR		VCT	RB	PNT			ACT1	
002	STEM LAB		EPX2	RB	PNT			PSTR	R53
003	EXISTING MECHANICAL		ETR	ETR	ETR			ETR	
004	DESIGN CLASSROOM		VCT	RB	PNT			ACT2/PNT	R7, R53, R77
005	ROBOTICS		VCT	RB	PNT			ACT1/PNT/PSTR	R53, R77
006	ELEVATOR		VCT	**	**			**	
007	STORAGE		SCONC	RB	PNT			PSTR	

ROOM FINISH SCHEDULE

NUMBER	NAME	COLOR SCHEME	FLOOR	BASE	WALLS			CEILING FINISH	REMARKS
					WALL FINISH	WAINSCOT FINISH	WAINSCOT HEIGHT		
006	CORRIDOR		VCT	RB	PNT			ACT2	R7
153	CORRIDOR		ETR/VCT	ETR/RB	ETR/PNT			ETR	
FIRST FLOOR									
98	CAFETERIA		ETR	ETR	ETR			ETR	
100	CLOSET		VCT	RB	PNT			PSTR	
101	COLLAB		VCT	RB	PNT			ACT2/PNT	R53, R77
102	CORRIDOR		ETR	ETR/RB	ETR/PNT			ETR/PNT	R77
103	CORRIDOR		VCT	RB	PNT			ACT1	R12
104	EXISTING CORRIDOR		LVT	RB	PNT				
105	CORRIDOR		VCT	RB	PNT			ACT1	
106	STAIR		RBR	RB	PNT			ACT1	R7
107	SCIENCE LAB		VCT	RB	PNT			ACT1/PSTR	R53, R77
108	SCIENCE PREP		VCT	RB	PNT			ACT1	
109	SCIENCE LAB		VCT	RB	PNT			ACT1/PSTR	R53, R77
110	BUSINESS		VCT	RB	PNT			ACT1/PSTR	R53, R77
111	BOARD ROOM		VCT	RB	PNT			ACT1	
112	EXISTING IDF		--	--	--			EXP	
116	CLASSROOM		ETR	ETR	ETR/PNT			ETR	
117	CORRIDOR		ETR/VCT	ETR/RB	ETR/PNT			ETR/PNT	
119	STORAGE		ETR	ETR	ETR/PNT			ETR	
127	GYMNASIUM		ETR	ETR/VR	ETR/PNT			ETR	
138	VESTIBULE		LVT	RB	PNT			PSTR	
139	SCIENCE LAB		LVT	RB	PNT			ACT1/PSTR	R77

ROOM FINISH SCHEDULE - ALTERNATE BID

NUMBER	NAME	COLOR SCHEME	FLOOR	BASE	WALLS			CEILING FINISH	REMARKS
					WALL FINISH	WAINSCOT FINISH	WAINSCOT HEIGHT		
140	VESTIBULE		EM	RB	PNT			ACT2	
141	ADMIN		CPT	RB	PNT			ACT2	R53
142	TOILET		PT1	PT4	PT2/PT3			EPX	
143	CONFERENCE ROOM		CPT	RB	PNT			ACT2	
144	CORRIDOR		CPT	RB	PNT			ACT2/PNT	
145	WORK ROOM		VCT	RB	PNT			ETR	
146	TOILET		PT1	PT4	PT2/PT3			EPX	
147	NURSE		VCT	RB	PNT			ACT2	
148	NURSE WAITING		VCT	RB	PNT			ACT2	
149	OFFICE		VCT	RB	PNT			ACT2	
150	CORRIDOR		CPT	RB	PNT			ACT1	
151	GUIDANCE RECEPTION		VCT	RB	PNT			ACT2	R53
152	OUTSIDE COUNSELING		CPT	RB	PNT			ACT2	
160	CORRIDOR		ETR/VCT	ETR/RB	ETR/PNT			ETR	
FIRST FLOOR									
114	VESTIBULE		EM	RB	PNT			MTL/PNT	R77, R78
115	LOBBY		LVT	RB	PNT			ACT3/PSTR	R77
118	CUST		SCONC	RB	PNT			PSTR	
120	WOMEN		PT1	PT4	PT2/PT3			ACT3	
121	MEN		PT1	PT4	PT2/PT3			ACT3	
122	FAM. TOIL.		PT1	PT4	PT2/PT3			EPX	
123	EXISTING LOBBY		LVT	RB	PNT			ACT3/PNT	R8, R77
124	CORRIDOR		ETR/VCT	ETR/RB	ETR/PNT			ETR/ACT	R12
125	STAGE VESTIBULE		LVT	RB	PNT			ETR	
126	CONCESSION		LVT	RB	EPX			ACT1	
128	STAGE		ETR	ETR/VR	ETR/PNT			ETR	
129	MULTI-PURPOSE ROOM		LVT	RB	PNT			PNT/PSTR	R59, R77, R78
130	STORAGE		VCT	RB	PNT			PSTR	
131	CHANGING ROOM 1		VCT	RB	PNT			ACT1	
132	TOILET		PT1	PT2	PT2			EPX	
133	TOILET		PT1	PT2	PT2			EPX	
134	CHANGING ROOM 2		VCT	RB	PNT			ACT1	
135	STORAGE		VCT	RB	PNT			PSTR	
136	CORRIDOR		LVT	RB	PNT			ACT1	
SECOND FLOOR									
201	UPPER COMMONS		LVT	--	PNT			ACT2/PNT/PSTR	R77, R78

ROOM FINISH SCHEDULE LEGEND

FLOOR FINISH

CPT	CARPET
CT	CERAMIC TILE
EM	ENTRANCE MAT
LVT	LUXURY VINYL TILE
PT	PORCELAIN TILE
QSV	QUARTZ SHEET VINYL
RES	RESINOUS FLOORING
RBR	RUBBER/RUBBER TILE
SCONC	CONCRETE WITH SEALER
VCT	VINYL COMPOSITION TILE

FLOOR REMARKS

R1: SEE SPECIFICATIONS FOR ALTERNATE FINISHES
R2: SEE FLOOR PATTERN PLANS FOR VARYING FLOOR MATERIALS.
R3-R6: NOT USED
R7: T=RBR, R=PNT, L=RBR, S=PNT.
R8: T=RBR, R=RBR, L=RBR, S=PNT.
R9: T=CONC, R=PNT, L=CONC, S=PNT.
R10: NOT USED
R11: PROVIDE ABRASION STRIPS ON RAMPS.
R12: PROVIDE SLIP-RESISTANT RBR ON RAMPS.
R13: PAINT SIDE OF CONCRETE TREAD/RISER.
R14-R25: NOT USED

BASE FINISH

CT	CERAMIC TILE
PT	PORCELAIN TILE
QSV	QUARTZ SHEET VINYL
RES	RESINOUS
RB	RUBBER

BASE REMARKS

R26: SEE SPECIFICATIONS FOR ALTERNATE FINISHES.
R27-R50: NOT USED

WALL FINISH

CT	CERAMIC TILE
EPX	EPOXY PAINT
FRP	FIBERGLASS REINFORCED PLASTIC
PNT	PAINT
PT	PORCELAIN TILE

WALL REMARKS

R51: SEE SPECIFICATIONS FOR ALTERNATE FINISHES.
R52: SEE INTERIOR ELEVATIONS FOR VARYING WALL MATERIALS.
R53: PROVIDE ACCENT WALL.
R54-R57: NOT USED
R58: PROVIDE BLOCK FILLER UP TO 11'-4" AFF, BLOCK ABOVE SHALL ONLY RECEIVE PAINT.
R58-R75: NOT USED.

CEILING FINISH

ACT	ACOUSTICAL CEILING TILE
EPX	EPOXY PAINT
EXP	EXPOSED
FRP	FIBERGLASS REINFORCED PLASTIC
PNT	PAINTED GYPSUM WALLBOARD
PSTR	PAINTED STRUCTURE

CEILING REMARKS

R76: SEE SPECIFICATIONS FOR ALTERNATE FINISHES.
R77: SEE REFLECTED CEILING PLANS FOR VARYING CEILING MATERIALS AND HEIGHTS.
R78: PROVIDE ACCENT PAINT AT BULKHEADS.
R79-R100: NOT USED

GENERAL NOTES

1. REFER TO SPECIFICATIONS FOR DETAILED DESCRIPTION OF FINISH SYSTEM/TYPES.
2. REFER TO WALL TYPES FOR MASONRY LOCATIONS AND DETAILS.
3. GYPSUM WALLBOARD BULKHEADS AND SOFFITS SHALL BE PAINTED.
4. ALL HOLLOW METAL DOOR AND FRAMES, INTERIOR AND EXTERIOR, SHALL BE PAINTED.
5. ALL INTERIOR AND EXTERIOR FERROUS METAL SHALL BE PAINTED INCLUDING LINTELS, RAILINGS, GRILLES AND LOUVERS. (DOES NOT INCLUDE FACTORY OR PRE-FINISHED ITEMS)
6. T=TREAD, R=RISER, L=LANDING, S=STRINGER
7. SEE I7 DRAWINGS FOR MATERIAL TRANSITIONS & FLOOR PATTERN PLANS.
8. ETR = EXISTING TO REMAIN
9. EXIST = EXISTING

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/2024		ADDENDUM #1

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS
MECHANICSBURG, PENNSYLVANIA www.cra-architects.com
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250 WEST MAIN STREET, SUITE 200
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434-975-7262

ADDITIONS AND RENOVATIONS
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

ROOM FINISH SCHEDULE

PLOT SCALE:

FILENAME:

DATE: 01/24/2023

PROJECT
3636

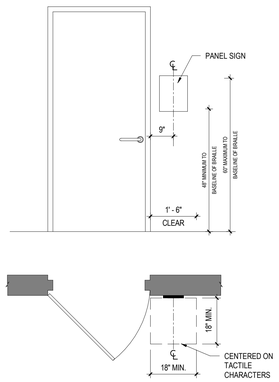
A6.1

SIGNAGE SCHEDULE

ORIGINAL ROOM#	ORIGINAL ARCHITECTURAL ROOM NAME	SIGN TO READ ROOM#	SIGN TO READ ROOM NAME	SIGN TYPE TYPE	ADA	FEMALE	MALE	TRANSGENDER	DIRECTIONAL ARROW LEFT	DIRECTIONAL ARROW RIGHT	QTY	REMARKS
006	CORRIDOR	TBD	ROBOTICS	1A							1	
153	CORRIDOR	--	--	--							0	
FIRST FLOOR												
98	CAFETERIA	--	--	--							0	
100	CLOSET	--	--	--							0	
101	COLLAB	--	--	--							0	
102	CORRIDOR	--	--	--							0	
103	CORRIDOR	--	--	--							0	
104	EXISTING CORRIDOR	--	--	--							0	
105	CORRIDOR	--	--	--							0	
106	STAIR	--	STAIRS	3A							1	
107	SCIENCE LAB	TBD	SCIENCE LAB	1A							1	
108	SCIENCE PREP	TBD	PREP ROOM	1A							2	
109	SCIENCE LAB	TBD	SCIENCE LAB	1A							1	
110	BUSINESS	--	--	--							0	
111	BOARD ROOM	TBD	BUSINESS LAB	1A							1	
112	EXISTING IDF	TBD	DATA	1A							1	
116	CLASSROOM	--	--	--							0	
117	CORRIDOR	--	--	--							0	
119	STORAGE	--	--	--							0	
127	GYMNASIUM	--	--	--							0	
138	VESTIBULE	--	--	--							0	
139	SCIENCE LAB	TBD	SCIENCE LAB	1A							1	
GROUND FLOOR												
001	CORRIDOR	--	--	--							0	
002	STEM LAB	TBD	LAB	1A							1	
003	EXISTING MECHANICAL	TBD	MECHANICAL	1A							1	
004	DESIGN CLASSROOM	TBD	DESIGN LAB	1A							1	
005	ROBOTICS	--	--	--							0	
006	ELEVATOR	--	ELEVATOR	1A							1	
007	STORAGE	TBD	STORAGE	1A							1	

SIGNAGE SCHEDULE - ALTERNATE BID

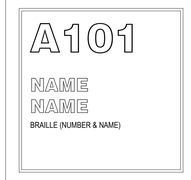
ORIGINAL ROOM#	ORIGINAL ARCHITECTURAL ROOM NAME	SIGN TO READ ROOM#	SIGN TO READ ROOM NAME	SIGN TYPE TYPE	ADA	FEMALE	MALE	TRANSGENDER	DIRECTIONAL ARROW LEFT	DIRECTIONAL ARROW RIGHT	QTY	REMARKS
140	VESTIBULE	--	--	--							0	
141	ADMIN	TBD	MAIN OFFICE	1A							2	
142	TOILET	--	RESTROOM	2A	•	•	•				1	
143	CONFERENCE ROOM	TBD	CONFERENCE ROOM	1C							1	
144	CORRIDOR	TBD	OFFICE	1A							2	
145	WORK ROOM	TBD	WORK ROOM	1B							1	
146	TOILET	--	RESTROOM	2A	•	•	•				1	
147	NURSE	--	--	--							0	
148	NURSE WAITING	TBD	NURSE	1B							1	
149	OFFICE	TBD	OFFICE	1A							1	
150	CORRIDOR	TBD	MAIN OFFICE	1A							1	
151	GUIDANCE RECEPTION	TBD	GUIDANCE	1A							1	
152	OUTSIDE COUNSELING	TBD	CONFERENCE ROOM	1C							1	
160	CORRIDOR	--	--	--							0	
FIRST FLOOR												
114	VESTIBULE	--	--	--							0	
115	LOBBY	--	--	--							0	
118	CUST	TBD	CUSTODIAL	1A							1	
120	WOMEN	--	WOMEN	2A	•	•					1	
121	MEN	--	MEN	2A	•		•				1	
122	FAM. TOIL.	--	FAMILY RESTROOM	2B	•	•	•				1	
123	EXISTING LOBBY	--	--	--							0	
124	CORRIDOR	--	--	--							0	
125	STAGE VESTIBULE	TBD	STAGE	1A							1	
126	CONCESSION	TBD	CONCESSION	1A							1	
128	STAGE	--	--	--							0	
129	MULTI-PURPOSE ROOM	--	--	--							0	
130	STORAGE	TBD	STORAGE	1A							2	
131	CHANGING ROOM 1	TBD	CHANGING ROOM	1A							1	
132	TOILET	--	RESTROOM	2A							1	
133	TOILET	--	RESTROOM	2A							1	
134	CHANGING ROOM 2	TBD	CHANGING ROOM	1A							1	
135	STORAGE	TBD	STORAGE	1A							1	
136	CORRIDOR	--	--	--							0	
SECOND FLOOR												
201	UPPER COMMONS	--	--	--							0	



1 / A6.2 PANEL SIGN - INSTALL DETAIL (TYP)
1/2" = 1'-0"

GENERAL NOTE IN REFERENCE TO A6.2 DRAWING

1. INSTALL SIGNS LEVEL, PLUMB, AND AT THE HEIGHT INDICATED, WITH SIGN SURFACES FREE FROM DISTORTION OR OTHER DEFECTS IN APPEARANCE.
2. TACTILE CHARACTERS SHALL BE 48 INCHES MINIMUM ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES MAXIMUM ABOVE THE FLOOR, MEASURED TO THE BASELINE OF THE HIGHEST TACTILE CHARACTER.
3. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAVES, THE SIGN SHALL BE TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE ON THE NEAREST ADJACENT WALL.
4. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR AREA 18 INCHES MINIMUM BY 18 INCHES MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.
   a. **EXCEPTION:** SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD OPEN DEVICES.
5. GENERAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR REGARDING NUMBERING FOR ELECTRICAL PANELS.
6. IN ADDITION TO THE SIGNAGE SCHEDULE PLEASE PROVIDE THE FOLLOWNG SIGN TYPES:
   a. SIGN TYPE 3C:
   b. SIGN TYPE 4A: 115, 129 & 201.
   c. SIGN TYPE 4B: 001, 002C, 114C, & 136.
   d. SIGN TYPE 4C: 001, 002C, 114A, & 136.
   e. SIGN TYPE 4D: @ EACH ELEVATOR ACCESS ON ALL FLOORS.
   f. SIGN TYPE 4E: NOT USED
   g. SIGN TYPE 4F:
   h. SIGN TYPE 4G: NOT USED
   i. SIGN TYPE 5A: NOT USED
   j. SIGN TYPE 5B: NOT USED



TYPE 1A | SIZE: 8"x8"
NOT TO SCALE



TYPE 1B | SIZE: 8"x8"
NOT TO SCALE



TYPE 1C | SIZE: 8"x8"
NOT TO SCALE



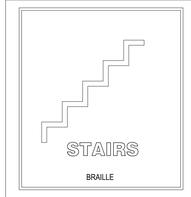
TYPE 1D | SIZE: 8"x4"
NOT TO SCALE



TYPE 2A | SIZE: 8"x10"
NOT TO SCALE



TYPE 2B | SIZE: 8"x10"
NOT TO SCALE



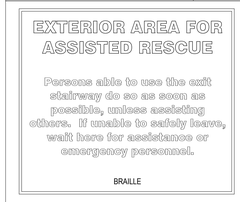
TYPE 3A | SIZE: 8"x10"
NOT TO SCALE

NOT USED

TYPE 3B | SIZE: 8"x12"
NOT TO SCALE



TYPE 3C | SIZE: 8"x10"
NOT TO SCALE



TYPE 3D | SIZE: 10"x10"
NOT TO SCALE



TYPE 4A | SIZE: 8"x10"
NOT TO SCALE



TYPE 4B | SIZE: 8"x10"
NOT TO SCALE



TYPE 4C | SIZE: 8"x10"
NOT TO SCALE



TYPE 4D | SIZE: 8"x10"
NOT TO SCALE

NOT USED

TYPE 4E | SIZE: 8"x10"
NOT TO SCALE



TYPE 4F | SIZE: 8"x10"
NOT TO SCALE

NOT USED

TYPE 4G | SIZE: 8"x10"
NOT TO SCALE

NOT USED

TYPE 5A-SIZE: 8"x8"
NOT TO SCALE
EXTERIOR FRAMELESS SIGN

NOT USED

TYPE 5B | SIZE: 8"x10"
NOT TO SCALE
EXTERIOR FRAMELESS SIGN

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/2024		ADDENDUM #1

CRABTREE ROHRBAUGH & ASSOCIATES - ARCHITECTS
250 WEST MAIN STREET, SUITE 200
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TOWSON, MARYLAND
WHITE SULPHUR SPRINGS, WEST VIRGINIA

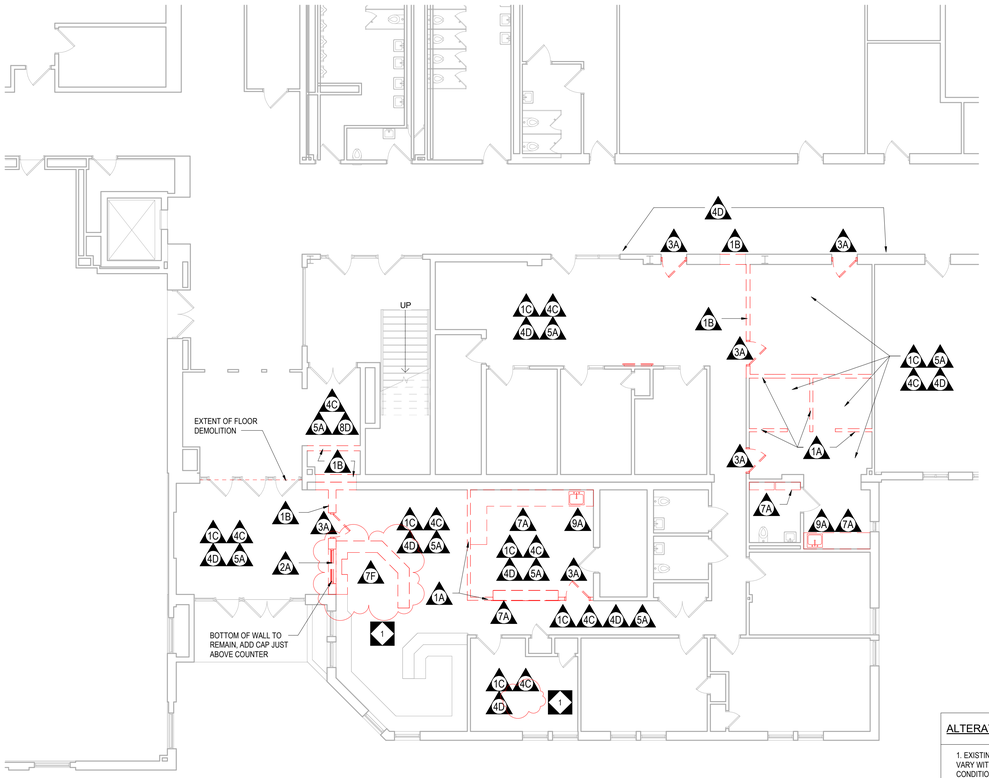
ADDITIONS AND RENOVATIONS
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

SIGNAGE SCHEDULE

PLOT SCALE: 1/2" = 1'-0"
FILENAME:
DATE: 01/24/2023

PROJECT 3636

A6.2



1 D1.0 PARTIAL FIRST FLOOR PLAN - ADMINISTRATION (ALTERNATE #2)
1/8" = 1'-0"

ALTERATION NOTES:

1. EXISTING CONDITIONS AS INDICATED ON THE ALTERATION DRAWING(S) MAY VARY WITH ACTUAL CONDITIONS. BEFORE START OF WORK, VERIFY EXISTING CONDITIONS AS RELATED TO COMPLETION OF NEW PROJECT AND/OR SITE IMPROVEMENTS.

2. REFER TO CIVIL AND MEP DRAWINGS FOR ADDITIONAL ALTERATION WORK INCLUDING REMOVAL, DISCONNECT AND/OR CAPPING OF EXISTING SERVICES SUCH AS WATER, GAS, SEWER, ELECTRIC, ETC.

3. BEFORE START OF ALTERATION WORK, REVIEW AND PREPARE AN OWNER APPROVED LIST OF EXISTING ITEMS TO REMAIN AS OWNER'S PROPERTY. DESIGNATED ITEMS TO BE REMOVED AND STORED IN SECURE, CLEAN, DRY ON-SITE LOCATION. ITEMS TO BE MAINTAINED AS EXISTING AND IN REUSABLE CONDITION.

4. REMAINING DISTURBED CONSTRUCTION, MATERIALS OR FINISHES SHALL BE PATCHED, REPAIRED OR REPLACED AS REQUIRED TO MATCH THE ORIGINAL CONDITION AND AS IT IS RELATED TO COMPLETION OF NEW PROJECT AND/OR SITE IMPROVEMENTS.

5. OWNER RESERVES THE RIGHT TO SALVAGE AND REMOVE ANY EXISTING ITEMS BEFORE START OF ALTERATION WORK.

ALTERATION LEGEND

TAG	REMARK
0 - ROOF	
0A	REMOVE EXISTING CANOPY IN ITS ENTIRETY, INCLUDING STEEL FRAMING & ROOF DECK, CONCRETE FOUNDATION & BASE, ROOFING AND ROOF DRAINAGE SYSTEM. COORDINATE WITH SITE AND PLUMBING DRAWINGS FOR EXTENT OF STORM WATER PIPING AND FOUNDATION DEMOLITION.
0B	REMOVE EXISTING ROOF HATCH AND AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY. PATCH ALL VOIDS AND SURFACES TO MATCH EXISTING. PATCH ALL ROOFING MATERIALS TO MATCH EXISTING.
0C	REMOVE PORTION OF EXISTING ROOF, INCLUDING WEATHER BARRIER, INSULATION, DECK AND STRUCTURE. PATCH NEW WORK TO EXISTING ROOF, PROVIDING ALL FLASHINGS AND TERMINATIONS.
0D	REMOVE PORTITION OF EXISTING COPING AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY. PATCH EXISTING ROOF MEMBRANE TO MATCH EXISTING.
1 - WALL	
1A	REMOVE EXISTING WALL AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY. WHERE WALLS CONTINUE BELOW THE EXISTING CONCRETE SLAB, REMOVE WALL TO MINIMUM DEPTH OF 8" BELOW EXISTING FINISHED FLOOR ELEVATION. PATCH AND PREPARE ADJACENT WALL, FLOOR & CEILING SURFACES FOR NEW CONSTRUCTION/FINISHES AS SCHEDULED. EXISTING COLUMNS AND OTHER STRUCTURAL COMPONENTS SHALL REMAIN, UNLESS OTHERWISE INDICATED ON STRUCTURAL DOCUMENTS.
1B	REMOVE PORTION OF EXISTING WALL AS INDICATED TO ACCOMMODATE NEW WORK AS SCHEDULED WHERE NEW OPENING IN WALL CONTINUES BELOW THE TOP OF EXISTING CONCRETE SLAB, REMOVE WALL TO MINIMUM DEPTH OF 8" BELOW EXISTING FINISHED FLOOR ELEVATION. PATCH AND PREPARE ADJACENT WALL, FLOOR & CEILING SURFACES FOR NEW CONSTRUCTION/FINISHES AS SCHEDULED.
1C	PREPARE EXISTING WALLS THAT ARE TO REMAIN FOR NEW FINISHES AS SCHEDULED. PATCH ALL HOLES, OPENINGS AND OTHER DAMAGED UNITS.
2 - WINDOW	
2A	REMOVE EXISTING WINDOW FRAMING SYSTEM AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY. CLEAN AND GRIND SMOOTH EXISTING LINTEL AND PAINT. PREPARE ADJACENT REMAINING WALL, FLOOR & CEILING SURFACES FOR NEW OPENING FRAMING OR OTHER CONSTRUCTION & FINISHES AS SCHEDULED.
3 - DOOR	
3A	REMOVE EXISTING DOOR(S) AND/OR WINDOW, FRAME, HARDWARE AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY. PREPARE ADJACENT REMAINING WALL, FLOOR & CEILING SURFACES FOR NEW CONSTRUCTION/INFILL & FINISHES AS SCHEDULED.
3B	REMOVE EXISTING COILING / OVERHEAD DOOR ASSEMBLY IN ITS ENTIRETY. PATCH AND PREPARE WALL SURFACES TO ACCOMMODATE NEW FINISHES AS SCHEDULED.
4 - FLOOR	
4A	REMOVE EXISTING FLOOR SLAB AND BASE MATERIAL TO A DEPTH AS REQUIRED FOR NEW WORK IN ITS ENTIRETY. PREPARE AREA FOR NEW SCHEDULED WORK.
4B	REMOVE EXISTING RAISED WOOD FLOOR STRUCTURE AND ALL ASSOCIATED COMPONENTS IN ITS ENTIRETY. PREPARE AREA FOR NEW SCHEDULED WORK.
4C	REMOVE EXISTING FLOOR FINISH AND RESIDUAL ADHESIVE IN THEIR ENTIRETY. PREPARE SURFACE TO RECEIVE NEW FINISH AS SCHEDULED.
4D	REMOVE EXISTING BASE INCLUDING ALL ADHESIVES. PATCH AND PREPARE FLOOR AND WALL SUBSTRATES TO ACCOMMODATE NEW FINISHES AS SCHEDULED.
5 - CEILING	
5A	REMOVE EXISTING CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL FRAMING & SUSPENSION COMPONENTS SO THE STRUCTURAL SYSTEM IS COMPLETELY EXPOSED. PATCH AND PREPARE ADJACENT WALL SURFACES AS NEEDED TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES AS SCHEDULED.
5B	REMOVE EXISTING SOFFIT AND/OR BULKHEAD SYSTEM IN ITS ENTIRETY, INCLUDING ALL FRAMING & SUSPENSION COMPONENTS. WHERE EXISTING WALL/FASCIA SYSTEMS ARE SCHEDULED TO REMAIN (WHERE OCCUR), NEATLY CUT ALONG WALL-CEILING INTERSECTION PRIOR TO REMOVAL TO MINIMIZE DAMAGE TO THOSE FINISHES. PATCH AND PREPARE ADJACENT WALL SURFACES AS NEEDED TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES AS SCHEDULED.
6 - STAIR	
6A	REMOVE EXISTING STAIRWAY IN ITS ENTIRETY, INCLUDING TREADS, RISERS, STRINGERS, LANDINGS, RAILINGS AND POSTS/COLUMNS. PATCH & PREPARE ALL REMAINING FLOOR AND WALL SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES AS SCHEDULED.
6B	REMOVE EXISTING METAL RAILING SYSTEM AND ALL ASSOCIATED COMPONENTS IN THEIR ENTIRETY. PATCH AND PREPARE WALLS FOR NEW FINISHES AS SCHEDULED.
7 - EQUIPMENT/CASEWORK	
7A	REMOVE EXISTING BASE AND WALL CABINETS INCLUDING COUNTERTOPS AND THEIR COMPONENTS IN THEIR ENTIRETY. PATCH & PREPARE ALL REMAINING FLOOR AND WALL SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES AS SCHEDULED.
7B	REMOVE EXISTING SHELVES AND ALL ITS COMPONENTS IN THEIR ENTIRETY. PATCH & PREPARE ALL REMAINING FLOOR AND WALL SURFACES TO ACCOMMODATE NEW CONSTRUCTION AND FINISHES AS SCHEDULED.
7C	REMOVE EXISTING TOILET PARTITIONS/SHOWER/CUSTODIAL ACCESSORIES IN THEIR ENTIRETY, INCLUDING, BUT NOT LIMITED TO, DISPENSERS, MIRRORS, SHELVES, GRAB BARS, CURTAINS/RODS, BUILT-IN SEATS, DISPOSAL UNITS, RACKS, ETC. PREPARE REMAINING SURFACES FOR NEW CONSTRUCTION & FINISHES AS SCHEDULED.
7D	REMOVE EXISTING WOOD AND MARKER BOARDS IN THEIR ENTIRETY, PATCH AND PREPARE EXISTING CONCRETE SURFACE FOR NEW SCHEDULE WORK.
7E	REMOVE EXISTING RECESSED DISPLAY CASE IN ITS ENTIRETY. PREPARE REMAINING SURFACES FOR NEW CONSTRUCTION AND FINISHES AS SCHEDULED.
7F	REMOVE EXISTING TRANSACTION LEDGE INCLUDING COUNTERTOP, SIDE/INTERMEDIATE SUPPORTS, & ITS COMPONENTS IN THEIR ENTIRETY. REMOVE TRANSACTION BIN/DRAWER AND ALL ASSCOCIATED COMPONENTS, TURN OVER TO OWNER.
8 - MISCELLANEOUS	
8A	REMOVE EXISTING CAST STONE CAP IN ITS ENTIRETY. PATCH AND PREPARE WALL FOR NEW CONSTRUCTION AND FINISHES AS SCHEDULED.
8B	REMOVE EXISTING COLUMN, FOUNDATION AND FOOTING IN ITS ENTIRETY
8C	REMOVE EXISTING MANHOLE IN ITS ENTIRETY. PREPARE AREA FOR NEW CONSTRUCTION.
8D	REMOVE EXISTING BASE INCLUDING ALL ADHESIVES. PATCH AND PREPARE FLOOR AND WALL SUBSTRATES TO ACCOMMODATE NEW FINISHES AS SCHEDULED.
9 - MEP	
9A	REMOVE EXISTING PLUMBING FIXTURES IN THEIR ENTIRETY, INCLUDING LAVATORIES, SINKS, TOILETS, URINALS, MOP BASINS, DRINKING FOUNTAINS/WATER COOLERS, FAUCETS, HOSE BIBS & SIMILAR ITEMS, INCLUDING ASSOCIATED PIPING, CARRIERS/SUPPORTS, ETC. CAP WATER AND WASTE PIPING BEYOND WALL SURFACE TO ALLOW FOR NEW CONSTRUCTION/EQUIPMENT & FINISHES TO OCCUR, UNLESS NOTED OTHERWISE. REFER TO PLUMBING AND ELECTRICAL DRAWINGS FOR FULL EXTENT OF DEMOLITION. THESE ITEMS ARE TO BE REMOVED BY THE PLUMBING CONTRACTOR, NOT THE GENERAL CONTRACTOR.

GENERAL DEMOLITION NOTES:

D1. DASHED LINES INDICATE GENERAL EXISTING CONSTRUCTION TO BE REMOVED. GENERAL CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS RELATING TO THE DEMOLITION REQUIRED FOR INSTALLATION OF NEW CONSTRUCTION SHOWN ELSEWHERE.

D2. SEE STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FOOD SERVICE DRAWINGS FOR OTHER DEMOLITION WORK REQUIRED. ANY DEMOLITION OF MECHANICAL, ELECTRICAL, OR PLUMBING EQUIPMENT SHOWN ON THESE DRAWINGS, IS FOR COORDINATION ONLY. COORDINATE ALL WORK BY OTHER CONTRACTORS INCLUDING CAPPING AND DISCONNECTING OF BUILDING SERVICES SUCH AS WATER, WASTE, ELECTRIC, DUCTWORK, ETC.

D3. BEFORE DEMOLITION AND THROUGHOUT CONSTRUCTION, GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW WITH OWNER'S REPRESENTATIVE ALL ITEMS BEING REMOVED BY THEIR TRADES. ALL ITEMS DESIGNATED DURING THIS REVIEW TO REMAIN OWNER'S PROPERTY, SHALL BE MAINTAINED IN GOOD CONDITION AND TURNED OVER TO OWNER. ALL ITEMS DESIGNATED TO BE REUSED AS PART OF NEW CONSTRUCTION SHALL BE MAINTAINED IN A REUSABLE CONDITION AND STORED ON SITE BY CONTRACTOR IN A CLEAN, DRY LOCATION UNTIL INSTALLATION. ALL REMAINING ITEMS AND MATERIALS DEEMED TO BE TRASH SHALL BE DISPOSED OF PROPERLY BY LAW, OFF SITE BY THE RESPONSIBLE CONTRACTOR.

D4. EXISTING CONDITIONS AS THEY APPEAR IN THESE CONTRACT DOCUMENTS MAY VARY WITH ACTUAL CONDITIONS BECAUSE OF WORK PERFORMED WITH OWNER'S STAFF AND BY OTHER CONTRACTORS (I.E. ASBESTOS ABATEMENT CONTRACTOR) PRIOR TO CONTRACT. PORTIONS OF DEMOLITION WORK MAY BE INCLUDED IN THE SCOPE OF WORK OF ANOTHER CONTRACT AND NOT PART OF THIS PROJECT. GENERAL CONTRACTOR SHALL VERIFY THE ACTUAL SCOPE OF DEMOLITION IN THEIR CONTRACT PRIOR TO SUBMITTING A BID.

D5. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING BUILDING DIMENSIONS AND CONDITIONS, INCLUDING FINISHES AND MATERIALS, SYSTEMS SHOWN AND DESIGNATED AS EXISTING ON CONTRACT DRAWINGS PRIOR TO STARTING DEMOLITION AND CONSTRUCTION. ANY DISCREPANCIES IN INFORMATION INDICATED ON CONTRACT DRAWINGS SHALL BE DIRECTED IN WRITING TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING OF DEMOLITION AND CONSTRUCTION. VERIFICATION OF CLEARANCES REQUIRED FOR ALL NEW EQUIPMENT, PIPING, DUCTWORK AND RELATED COMPONENTS SHALL BE THE CONTRACTORS RESPONSIBILITY.

D6. DEMOLITION WORK SHOWN ON THE DEMOLITION CONTRACT DRAWINGS SHALL BE FOR THE BUILDING RECEIVING MAJOR DEMOLITION WORK, AND DOES NOT REPRESENT THE DEMOLITION FOR THE PROJECT IN ITS ENTIRETY. REFER TO CONTRACT DRAWINGS FOR ADDITIONAL DEMOLITION WORK, IF, ANY, FOR EACH ROOM OR BUILDING COMPONENT.

D7. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL DEMOLITION CONDITIONS RELATED TO ACCEPTED ALTERNATE BIDS INCLUDING FINISHES AND MATERIALS, SYSTEMS SHOWN AND DESIGNATED AS EXISTING OR NEW ON THE CONTRACT DRAWINGS PRIOR TO STARTING OF DEMOLITION AND CONSTRUCTION. ANY DISCREPANCIES IN INFORMATION INDICATED ON CONTRACT DRAWINGS SHALL BE DIRECTED IN WRITING TO THE ATTENTION OF THE ARCHITECT PRIOR TO STARTING OF DEMOLITION AND CONSTRUCTION.

D8. OWNER RESERVES THE RIGHT TO SALVAGE AND REMOVE ANY EXISTING ITEMS BEFORE START OF DEMOLITION WORK.

D9. DEMOLITION DRAWINGS INDICATE EXISTING SLABS TO BE REMOVED IN THEIR ENTIRETY. REFER TO MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR ANY SAWCUTTING AND PATCHING OF CONCRETE SLABS THAT NEEDS TO OCCUR AS PART OF THEIR WORK. IN ADDITION, REFER TO STRUCTURAL DRAWINGS FOR SAWCUTTING AND PATCHING THAT NEEDS TO OCCUR TO ACCOMODATE INSTALLATION OF NEW FOOTINGS, PIERS ETC.

D10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EXISTING LOAD BEARING WALLS AND PROVIDE TEMPORARY SHORING AND SUPPORT UNTILL NEW STRUCTURE CAN BE INSTALLED.

D11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING ASBESTOS CONTAINING MATERIALS AND DISPOSING OF THEM OFF SITE IN ACCORDANCE WITH STATE LOCAL AND LAWS.

D12. WHERE EXTERIOR WALLS ARE SCHEDULED TO BE REMOVED, THEY ARE TO BE REMOVED DOWN TO TOPS OF EXISTING FOOTINGS. REMOVE EXISTING FOOTINGS WHERE THEY INTERFERE WITH NEW CONSTRUCTION.

GENERAL ALTERATION NOTES:

R1. GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND RECORDING OF ALL EXISTING BUILDING DIMENSIONS AND CONDITIONS RELATED TO THE WORK, INCLUDING BUT NOT LIMITED TO FINISHES, MATERIALS AND SYSTEMS SHOWN AND DESIGNATED AS EXISTING IN CONTRACT DOCUMENTS. ANY DISCREPANCIES FROM INFORMATION INDICATED ON CONTRACT DOCUMENTS SHALL BE DIRECTED TO THE ATTENTION OF THE ARCHITECT. VERIFICATION OF CLEARANCES REQUIRED FOR ALL NEW EQUIPMENT, PIPING, DUCTWORK, AND RELATED COMPONENTS SHALL BE THE CONTRACTORS RESPONSIBILITY.

R2. GENERAL CONTRACTORS RESPONSIBILITY TO REVIEW WITH THE OWNERS REPRESENTATIVE, ALL ITEMS REQUIRING REMOVAL BEFORE THE START OF WORK. OWNER RESERVES THE RIGHT TO SALVAGE ANY ITEM. ALL REMAINING ITEMS SHALL BE DISPOSED OF OFF SITE.

R3. WHERE EXISTING WALL OPENINGS ARE INDICATED TO BE CLOSED, USE MATERIALS AND FINISHES TO MATCH ADJACENT EXISTING FINISHES. MASONRY SHALL BE TOOTHED INTO THE EXISTING COURSING TO ACHIEVE A UNIFORM JOINT PATTERN TO MATCH THE EXISTING.

R4. ALL NEW MASONRY WALLS AND INFILLS THAT ARE IN CONTINUANCE WITH EXISTING MASONRY WALLS SHALL BE TOOTHED INTO THE EXISTING COURSING TO ACHIEVE A UNIFORM JOINT PATTERN TO MATCH THE EXISTING, FIELD VERIFY WALL THICKNESS.

R5. IN ALL RENOVATED AREAS OF THE WORK, THE INTENT OF THESE CONTRACT DOCUMENTS IS TO PROVIDE A LEVEL OF QUALITY FOR ALL PATCHED SURFACES EQUAL TO THAT OF NEW SURFACES, INCLUDING BUT NOT LIMITED TO PLASTER, GYPSUM WALL BOARD AND MASONRY.

R6. ALL EXISTING MATERIALS AND FINISHES DISTURBED OR INTERRUPTED BY THE WORK SHALL BE REPLACED OR "FILLED IN" TO ACHIEVE UNIFORM COLOR, TEXTURE, PATTERN AND APPEARANCE TO MATCHING ADJACENT MATERIALS AND FINISHES. TRANSITIONS BETWEEN EXISTING TO EXISTING AND NEW TO EXISTING MATERIALS AND FINISHES SHALL BE ACHIEVED IN STRAIGHT HORIZONTAL AND OR VERTICAL LINES BETWEEN DIFFERENT AND OR NEW MATERIALS AND FINISHES.

R7. PATCH ALL HOLES IN FLOORS, WALLS AND CEILINGS, LEVEL WITH EXISTING ADJACENT SURFACES TO RECEIVE NEW FINISHES AND/OR CONSTRUCTION TO COMPLETE THE WORK. MATCH THE EXISTING ADJACENT MATERIALS, PATTERNS AND FINISHES.

R8. PATCH, REPAIR OR REPLACE ALL EXISTING FINISHES AND MATERIALS DISTURBED DURING CONSTRUCTION OR AS A RESULT OF DEMOLITION OR REMOVAL OF AN ITEM. ALL REPAIR OR REPLACEMENT SHALL MATCH ADJACENT EXISTING AND/OR NEW FINISHES, PATTERNS AND MATERIALS. SEE ROOM FINISH SCHEDULE FOR NEW FINISHES.

R9. PREPARE EXISTING REMAINING WORK SUBSTRATES TO RECEIVE NEW FINISHES AS INDICATED ON THE ROOM FINISH SCHEDULE. SUBSTRATE PREPARATION SHALL BE IN CONFORMANCE WITH THE INSTALLATION REQUIREMENTS OF EACH NEW FINISH.

R10. ALL WALLS SHOWN WITH MASONRY HATCHING WITHIN THE EXISTING BUILDING SHALL BE NEW AND TOOTHED INTO EXISTING MASONRY. MATCH EXISTING COURSING, JOINT PATTERN AND THICKNESS UNLESS NOTED OTHERWISE.

R11. MASONRY WALLS AND INFILLS THAT ARE IN CONTINUANCE WITH EXISTING MASONRY WALLS SHALL BE TOOTHED INTO THE EXISTING COURSING TO ACHIEVE A UNIFORM JOINT PATTERN TO MATCH THE EXISTING WORK. MATCH EXISTING WALL THICKNESS.

R12. AT THE DEMOLITION OF AN EXISTING ITEM, REMOVE ALL TRACES OF THE DEMOLISHED ITEMS COMPONENTS FROM THE SURFACE OF THE REMAINING FLOOR, WALLS AND CEILING. AT THE REMOVED FASTENERS IN ALL EXISTING MASONRY WALLS AND FLOORS, PATCH HOLE WITH GROUT LEVEL WITH EXISTING ADJACENT SURFACES IN ORDER TO RECEIVE NEW FINISHES.

R13. AT EXISTING FLOORS: CUT IN PLACE CONSTRUCTION TO RECEIVE NEW WORK. REPLACE WITH MATERIALS TO MATCH EXISTING REMAINING MATERIALS. PATCH FLUSH TO ADJACENT EXISTING ELEVATIONS. APPLY CEMENTITIOUS UNDERLAYMENT TO PRODUCE A UNIFORM SURFACE IN ALL AREAS RECEIVING NEW FINISHES AS INDICATED ON THE ROOM FINISH SCHEDULE. PATCHED JOINTS SHALL NOT TELEGRAPH THRU THE NEW FINISH. SEE DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AND OTHER FINISHES.

R14. AT EXISTING FLOORS: WHERE WALLS ARE SCHEDULED FOR DEMOLITION AND EXTEND TO BELOW THE CONTINUOUS CONCRETE FLOOR SLAB, THE WALL SHALL BE DEMOLISHED TO BELOW THE FLOOR THICKNESS. THE FLOOR SHALL BE PATCHED WITH CONCRETE AND GRANULAR FILL TO MATCH THE EXISTING THICKNESS, PROVIDE NEW VAPOR BARRIER TO THE PATCHED AREA. PATCH FLUSH TO ADJACENT EXISTING ELEVATIONS. APPLY CEMENTITIOUS UNDERLAYMENT TO PRODUCE A UNIFORM SURFACE IN ALL AREAS RECEIVING NEW FINISH AS INDICATED ON ROOM FINISH SCHEDULE. PATCHED JOINTS SHALL NOT TELEGRAPH THRU THE NEW FINISH.

R15. PAINT EXISTING METALS: AT EXISTING DOOR FRAMES TO REMAIN AND OTHER PAINTED METAL COMPONENTS INDICATED, REMOVE ALL DIRT, LOOSE PAINT AND RUST, SAND ENTIRE FRAME, PRIME AND PAINT. COLOR SELECTION BY ARCHITECT. WHERE THE EXISTING PAINT IS INCOMPATIBLE WITH NEW PAINT COATINGS, THE EXISTING PAINT SHALL BE COMPLETELY REMOVED.

R16. PAINT SURFACES: WHERE PATCHING OCCURS IN THE WORK OF AN EXISTING PAINTED SURFACE, THE PATCHED AREA SHALL BE SPACKLED, PRIMED AND INTERMEDIATE PAINT COATS APPLIED OVER THE PATCH. APPLY FINAL PAINT COAT OVER ENTIRE UNBROKEN SURFACE CONTAINING THE PATCH. THE UNBROKEN SURFACE SHALL BE FROM THE INTERSECTION OF THE WALL TO FLOOR TO THE INTERSECTION OF THE WALL TO CEILING AND FROM THE RIGHT SIDE WALL TO WALL INTERSECTION TO THE LEFT SIDE WALL TO WALL INTERSECTION. PROVIDE ADDITIONAL SPACKLING AND/OR PAINT COATS UNTIL THE PATCH AREAS BLEND INVISIBLY INTO THE ADJACENT EXISTING SURFACE. UNBROKEN CEILING SURFACES SHALL BE FROM CEILING TO WALL INTERSECTION AND OR NEW BULKHEAD CEILING ELEVATION CHANGE FOR THE ENTIRE PERIMETER OF THE CEILING AREA. APPLY PAINT COATS AS DESCRIBED FOR THE WALLS.

R17. AT EXISTING CERAMIC TILE: AT DEMOLISHED ITEMS AND DAMAGED AREAS, FILL ALL HOLES IN EXISTING CERAMIC WALL AND FLOOR TILE THAT ARE UP TO 1" WITH A COLOR EPOXY GROUT TO MATCH THE EXISTING CERAMIC TILE COLOR. REMOVE AND REPLACE EXISTING TILES AT HOLES THAT ARE OVER 1" AND AT ALL BROKEN AND MISSING WALL AND FLOOR TILES WITH A NEW TILE TO MATCH EXISTING COLOR AND SIZE.

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/2024		ADDENDUM #1

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434-975-7262
www.cra-architects.com
MECHANICSBURG, PENNSYLVANIA
TOWSON, MARYLAND
WHITE SULPHUR SPRINGS, WEST VIRGINIA

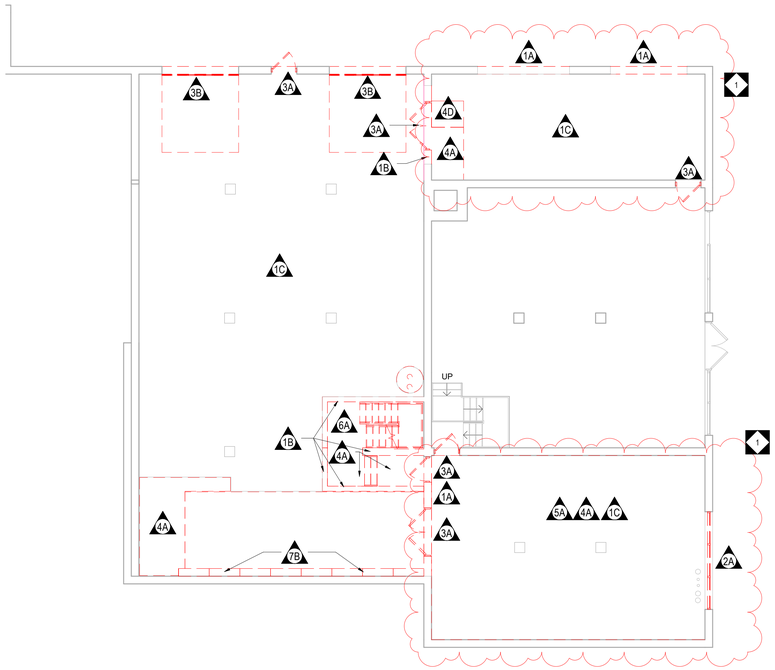
ADDITIONS AND RENOVATIONS
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

DEMOLITION NOTES AND LEGEND

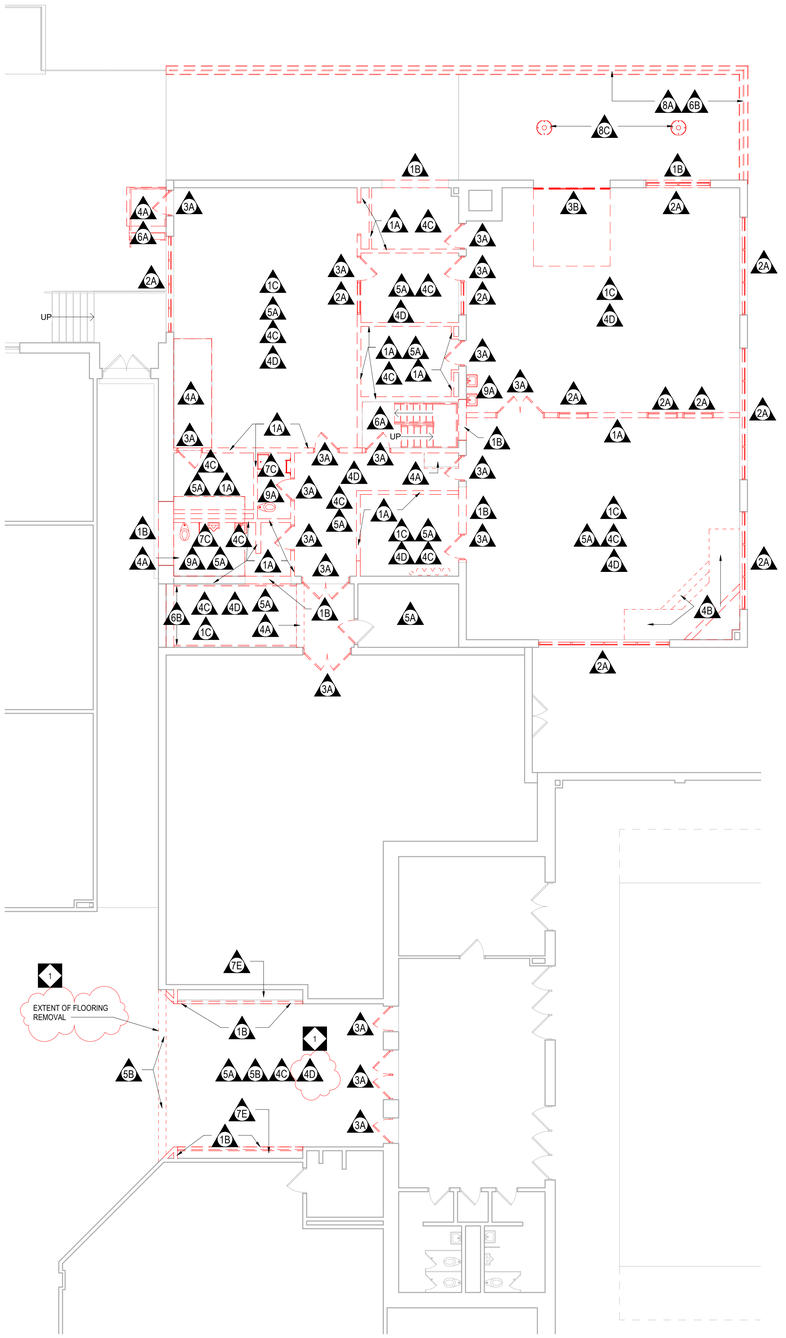
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DATE: 01/24/2023

PROJECT 3636

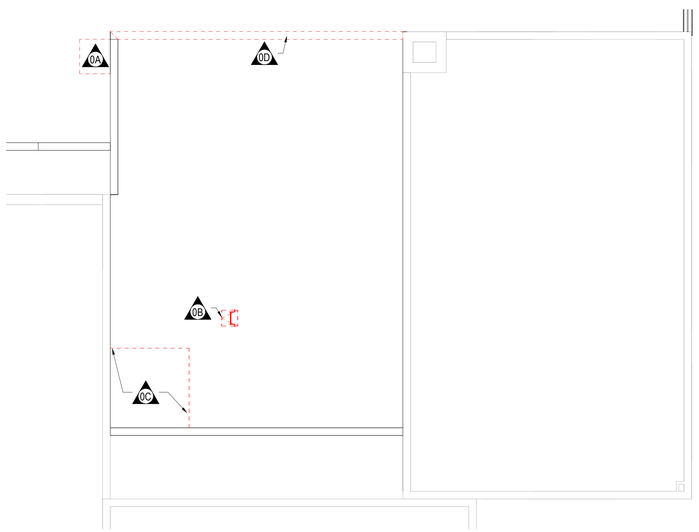
D1.0



1 D1.1 LOWER FLOOR DEMOLITION PLAN - RENOVATION
1/8" = 1'-0"



2 D1.1 PARTIAL FIRST FLOOR DEMOLITION PLAN - RENOVATION
1/8" = 1'-0"



3 D1.1 PARTIAL ROOF DEMOLITION PLAN - RENOVATION
1/8" = 1'-0"

ALTERATION NOTES:

1. EXISTING CONDITIONS AS INDICATED ON THE ALTERATION DRAWING(S) MAY VARY WITH ACTUAL CONDITIONS. BEFORE START OF WORK, VERIFY EXISTING CONDITIONS AS RELATED TO COMPLETION OF NEW PROJECT AND/OR SITE IMPROVEMENTS.

2. REFER TO CIVIL AND MEP DRAWINGS FOR ADDITIONAL ALTERATION WORK INCLUDING REMOVAL, DISCONNECT AND/OR CAPPING OF EXISTING SERVICES SUCH AS WATER, GAS, SEWER, ELECTRIC, ETC.

3. BEFORE START OF ALTERATION WORK, REVIEW AND PREPARE AN OWNER APPROVED LIST OF EXISTING ITEMS TO REMAIN AS OWNERS PROPERTY. DESIGNATED ITEMS TO BE REMOVED AND STORED IN SECURE, CLEAN, DRY ON-SITE LOCATION. ITEMS TO BE MAINTAINED AS EXISTING AND IN REUSABLE CONDITION.

4. REMAINING DISTURBED CONSTRUCTION, MATERIALS OR FINISHES SHALL BE PATCHED, REPAIRED OR REPLACED AS REQUIRED TO MATCH THE ORIGINAL CONDITION AND AS IT IS RELATED TO COMPLETION OF NEW PROJECT AND/OR SITE IMPROVEMENTS.

5. OWNER RESERVES THE RIGHT TO SALVAGE AND REMOVE ANY EXISTING ITEMS BEFORE START OF ALTERATION WORK.

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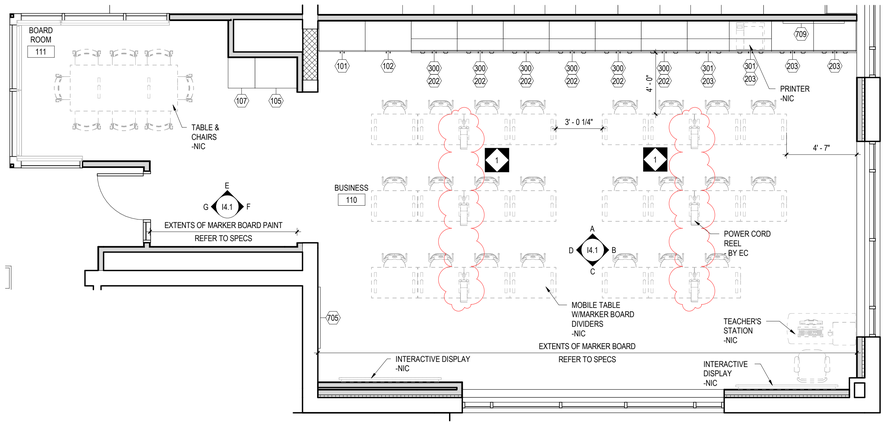
ADDITIONS AND RENOVATIONS
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

LOWER AND FIRST DEMOLITION PLANS - RENOVATIONS

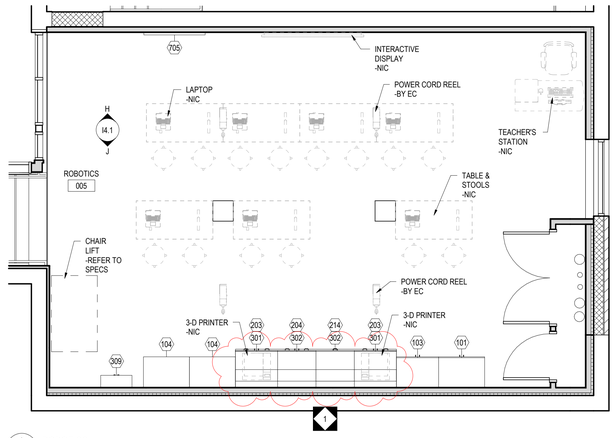
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FILENAME:
DATE: 01/24/2023

PROJECT 3636

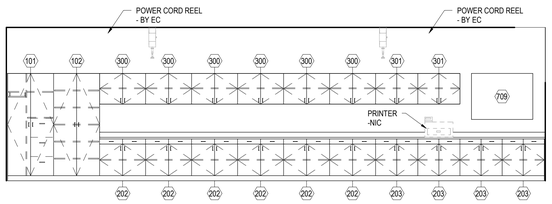
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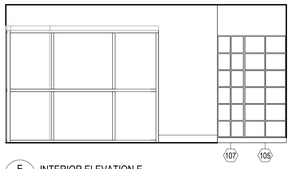
1 I4.1 BUSINESS LAB
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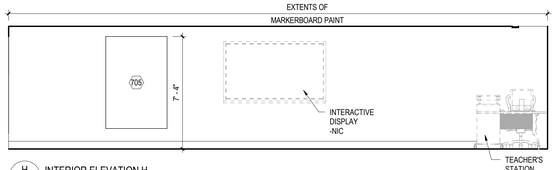
2 I4.1 ROBOTICS
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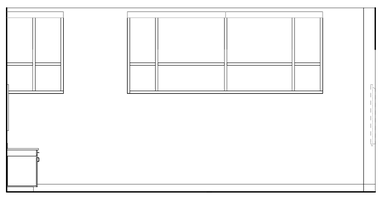
A I4.1 INTERIOR ELEVATION A
1/4" = 1'-0"



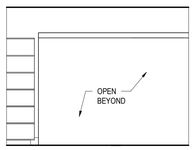
E I4.1 INTERIOR ELEVATION E
1/4" = 1'-0"



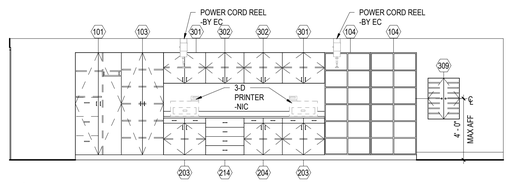
H I4.1 INTERIOR ELEVATION H
1/4" = 1'-0"



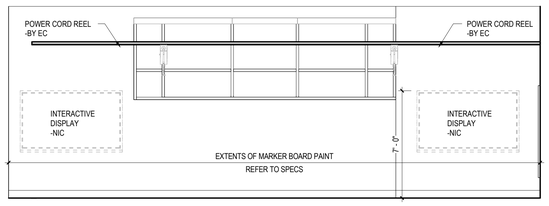
B I4.1 INTERIOR ELEVATION B
1/4" = 1'-0"



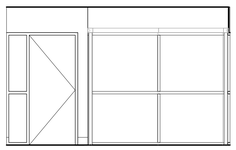
F I4.1 INTERIOR ELEVATION F
1/4" = 1'-0"



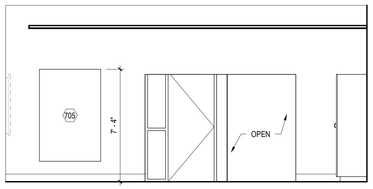
J I4.1 INTERIOR ELEVATION J
1/4" = 1'-0"



C I4.1 INTERIOR ELEVATION C
1/4" = 1'-0"



G I4.1 INTERIOR ELEVATION H
1/4" = 1'-0"



D I4.1 INTERIOR ELEVATION D
1/4" = 1'-0"

GRADE 6-8 MOUNTING HEIGHT SCHEDULE	
MARKER BOARD	2'-9" AFF TO BOTTOM EDGE
TACK BOARD	2'-9" AFF TO BOTTOM EDGE (UNO)
BASE CABINETS	2'-10" AFF TO TOP OF CABINET
WALL CABINETS	7'-0" AFF TO TOP OF CABINET
INTERACTIVE MONITOR / TV	VERIFY BRACKET LOCATION/TYPE W/OWNER & PER BRACKET MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLATION OF ROUGH-INS
*UNO = UNLESS NOTED OTHERWISE	

GENERAL NOTE IN REFERENCE TO I4.1

1. COUNTERTOP IN 005 SHALL BE 30"D, CABINETRY SHALL REMAIN 24"D W/A GAP BETWEEN BASE CABINET & WALL.
2. WHERE COUNTERTOP DEPTHS ARE 30"D, PROVIDE 45° ANGLE IN COUNTERTOP ADJACENT TO TALL STORAGE CABINETS.
3. ALL CASEWORK IN 005 & 110 SHALL RECEIVE LOCKS.

I4.1 - GENERAL CASEWORK AND EQUIPMENT SCHEDULE

NO	DESCRIPTION	MANUFACTURER	MODEL	DIMENSIONS
101	2-DOOR TEACHER'S WARDROBE - FIXED SHELF, ROD, & MIRROR. MODIFIED TO INCLUDE LOCK, (3) FILE DRAWERS, & (2) ADJ. SHELVES	CASE SYSTEMS	T2780M	36"W x 24"D x 84"H
102	2-DOOR TALL STORAGE	CASE SYSTEMS	T0100	36"W x 24"D x 84"H
103	2-DOOR TALL STORAGE	CASE SYSTEMS	T0100	33"W x 24"D x 84"H
104	OPEN TALL STORAGE UNIT W/VERT. DIV.	CASE SYSTEMS	T1000	36"W x 24"D x 84"H
105	OPEN TALL STORAGE UNIT W/VERT. DIV.	CASE SYSTEMS	T1000	33"W x 24"D x 84"H
107	OPEN TALL STORAGE UNIT W/VERT. DIV.	CASE SYSTEMS	T1000	21"W x 24"D x 84"H
202	2-DOOR/2-DRAWER BASE CABINET	CASE SYSTEMS	B3100	36"W x 24"D x 34"H
203	2-DOOR/2-DRAWER BASE CABINET	CASE SYSTEMS	B3100	33"W x 24"D x 34"H
204	2-DOOR/2-DRAWER BASE CABINET	CASE SYSTEMS	B3100	30"W x 24"D x 34"H
214	4-EQUAL DRAWER BASE CABINET	CASE SYSTEMS	B4040	30"W x 24"D x 34"H
300	2-DOOR WALL CABINET	CASE SYSTEMS	W0100	36"W x 14"D x 24"H
301	2-DOOR WALL CABINET	CASE SYSTEMS	W0100	33"W x 14"D x 24"H
302	2-DOOR WALL CABINET	CASE SYSTEMS	W0100	30"W x 14"D x24"H
309	GOGGLE CABINET	KERKAU	H-75	24.5"W x 9.5"D x 32"H
705	FRAMELESS TACK BOARD W/XOREL FABRIC	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS	4'-0"W x 6'-0"H
709	FRAMELESS TACK BOARD W/XOREL FABRIC	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS	4'-0"W x 3'-0"H

GENERAL NOTES TO APPLY TO ALL I4 DRAWINGS

1. MOUNTING HEIGHT SCHEDULE IS APPLICABLE TO MOST ROOMS. IN INSTANCE WHERE NOTE/DETAILS ON DRAWINGS DO NOT COINCIDE WITH THE SCHEDULE. THE DRAWINGS TAKE PRECEDENCE.
2. ALL BASE CABINETS SHALL RECEIVE A CONTINUOUS 1-1/4" THICK LAMINATE COUNTERTOP WITH A 4"H BACKSPLASH UNLESS NOTED OTHERWISE. THE DEPTH OF THE COUNTERTOP SHALL EXTEND 3/4" PAST THE DEPTH OF THE BASE CABINET.
3. COUNTERTOPS THAT RETURN INTO A WALL(S) SHALL RECEIVE BACKSPLASH THAT WRAPS CORNER ALONG WALL(S).
4. PROVIDE CHAMFERED EDGE CORNER FOR ALL COUNTERTOPS ADJACENT TO TALL STORAGE UNITS.
5. WHERE COLUMNS, WINDOWS OR OTHER BUILDING COMPONENTS CONFLICT WITH CASEWORK DIMENSIONAL REQUIREMENTS. FIELD VERIFY DIMENSIONS AND PROVIDE CUSTOM UNIT TO ALLOW PROPER FITTING.
6. ALL EXPOSED ENDS OF CASEWORK SHALL RECEIVE FINISHED END PANELS.
7. LAMINATE COLOR FOR INTERIOR OF OPEN CABINETS SHALL MATCH EXTERIOR LAMINATE COLOR.
8. STAINLESS STEEL SINKS, FAUCETS, AND BUBBLERS SHALL BE PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR, UNLESS NOTED OTHERWISE.
9. SCIENCE LABS & PREP/SUPPORT SPACES SHALL RECEIVE EPOXY SINKS, COUNTERTOP WITH 4"H BACKSPLASH UNLESS NOTED OTHERWISE. EPOXY SINKS, FAUCETS AND BUBBLERS SHALL BE PROVIDED AND INSTALLED BY CASEWORK CONTRACTOR. CONNECTIONS SHALL BE PROVIDED BY PLUMBING CONTRACTOR.
10. WHEN DESCRIPTION AND MODEL NUMBER IN CASEWORK AND EQUIPMENT SCHEDULE CONFLICT, THE DESCRIPTION TAKES PRECEDENCE.
11. ALL VISUAL DISPLAY AREAS (MARKER BOARDS AND/OR TACK BOARDS) 10'-0"W OR LONGER SHALL RECEIVE 2"H MAP RAIL THAT SPANS FROM VERTICAL EDGE TO VERTICAL EDGE.
12. PROVIDE WOOD BLOCKING IN METAL STUD WALLS, PER MANUFACTURER'S RECOMMENDATIONS, TO RECEIVE THE TELEVISION/INERACTIVE MONITOR WALL BRACKET.
13. IN ROOMS RECEIVING RESILIENT BASE, ADHERE TO ALL WALLS, BASE CABINET TOE KICKS, AND EXPOSED END PANELS. REFER TO SPECIFICATIONS FOR LOCATION OF 4" AND 6" BASE.
14. SEE REFLECTED CEILING PLANS FOR LOCATION OF WINDOW TREATMENTS.
15. TELEPHONE UNITS AND SYSTEMS ARE NOT IN CONTRACT.
16. COORDINATE ALL LARGE SCALE PLANS WITH MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
17. NIC = NOT IN CONTRACT
18. OPP = OPPOSITE HAND.

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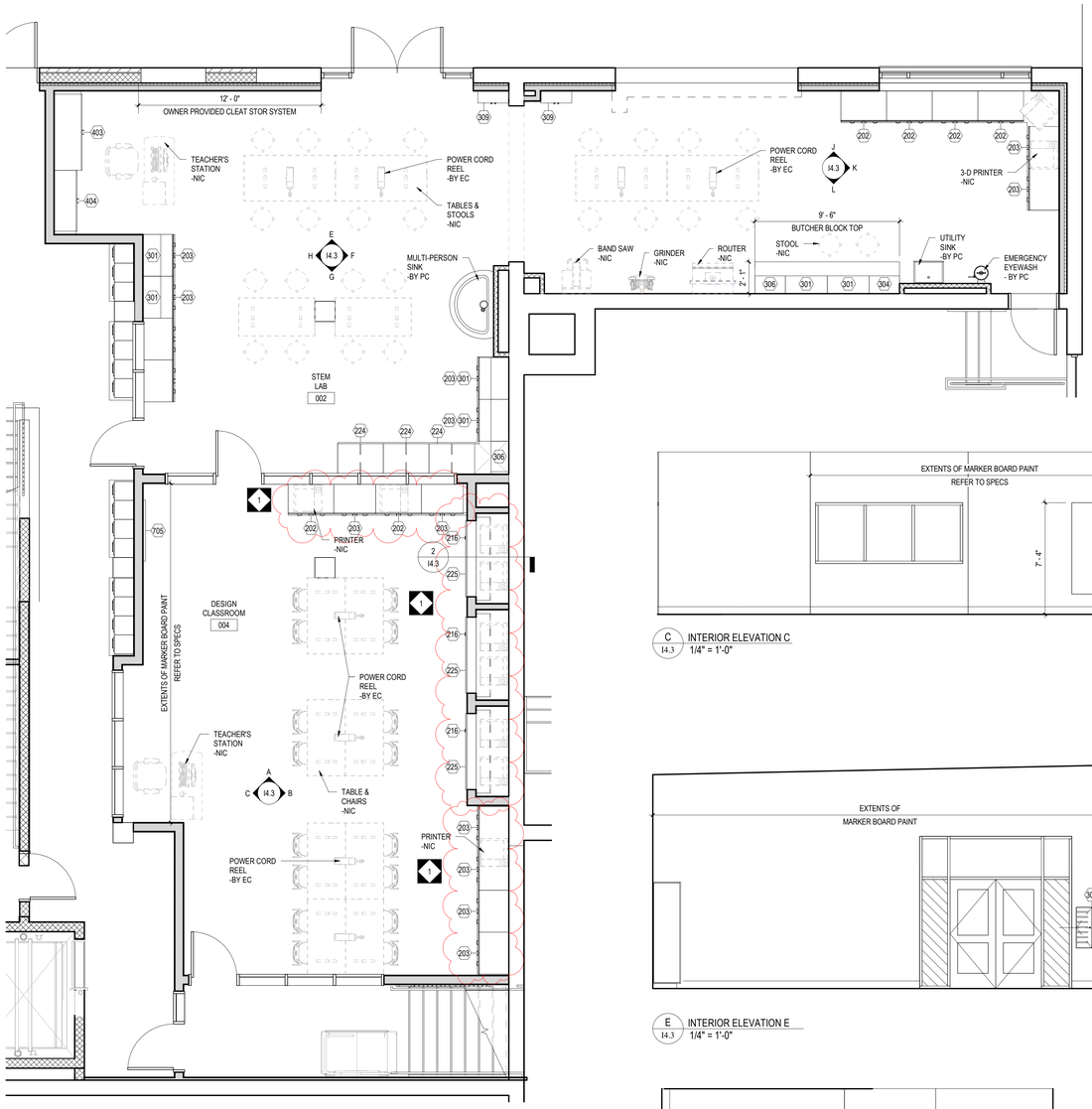
ADDITIONS AND RENOVATIONS
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

LARGE SCALE LAYOUTS
BUSINESS & ROBOTICS

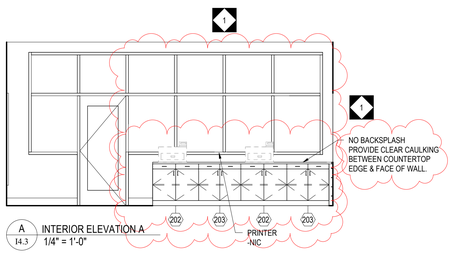
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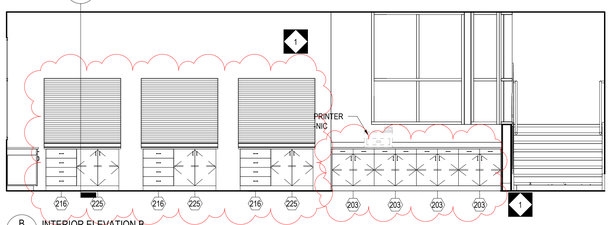
I4.1



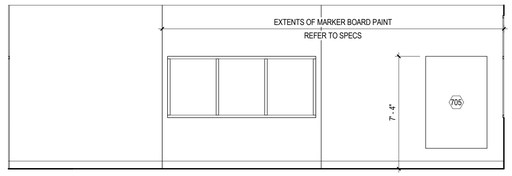
1 I4.3 DESIGN LAB & STEM LAB
1/4" = 1'-0"



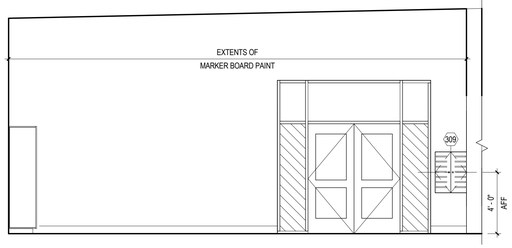
A I4.3 INTERIOR ELEVATION A
1/4" = 1'-0"



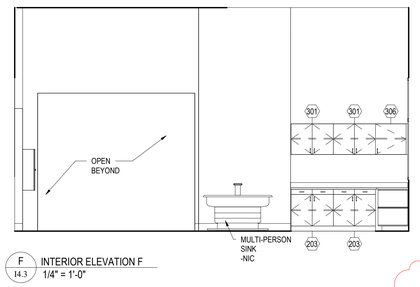
B I4.3 INTERIOR ELEVATION B
1/4" = 1'-0"



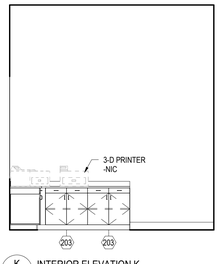
C I4.3 INTERIOR ELEVATION C
1/4" = 1'-0"



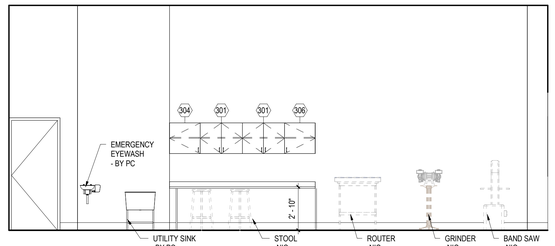
E I4.3 INTERIOR ELEVATION E
1/4" = 1'-0"



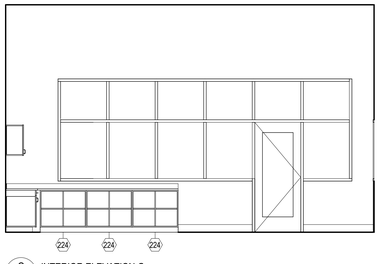
F I4.3 INTERIOR ELEVATION F
1/4" = 1'-0"



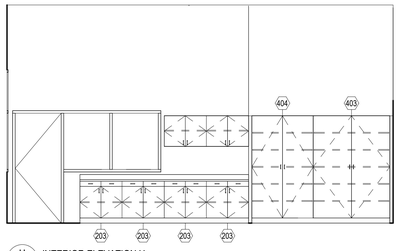
K I4.3 INTERIOR ELEVATION K
1/4" = 1'-0"



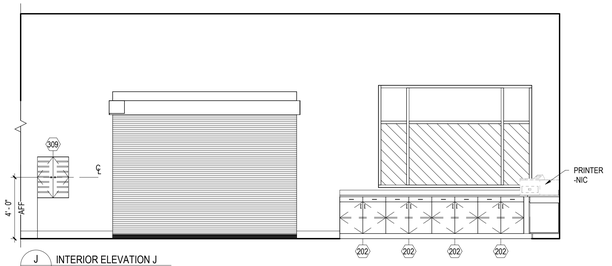
L I4.3 INTERIOR ELEVATION L
1/4" = 1'-0"



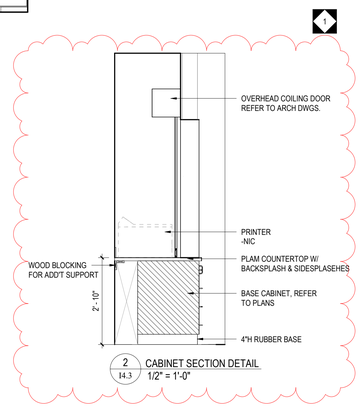
G I4.3 INTERIOR ELEVATION G
1/4" = 1'-0"



H I4.3 INTERIOR ELEVATION H
1/4" = 1'-0"



J I4.3 INTERIOR ELEVATION J
1/4" = 1'-0"



2 I4.3 CABINET SECTION DETAIL
1/2" = 1'-0"

GENERAL NOTE IN REFERENCE TO I4.3

1. ALL CASEWORK IN DESIGN CLASSROOM & STEM LAB ROOMS SHALL RECEIVE LOCKS.

GRADE 6-8 MOUNTING HEIGHT SCHEDULE

MARKER BOARD	2'-9" AFF TO BOTTOM EDGE
TACK BOARD	2'-9" AFF TO BOTTOM EDGE (UNO)
BASE CABINETS	2'-10" AFF TO TOP OF CABINET
WALL CABINETS	7'-0" AFF TO TOP OF CABINET
INTERACTIVE MONITOR / TV	VERIFY BRACKET LOCATION/TYPE W/OWNER & PER BRACKET MANUFACTURER'S RECOMMENDATIONS PRIOR TO INSTALLATION OF ROUGH-INS
*UNO = UNLESS NOTED OTHERWISE	

I4.3 - GENERAL CASEWORK AND EQUIPMENT SCHEDULE

NO	DESCRIPTION	MANUFACTURER	MODEL	DIMENSIONS
202	2-DOOR/2-DRAWER BASE CABINET	CASE SYSTEMS	B3100	36"W x 24"D x 34"H
203	2-DOOR/2-DRAWER BASE CABINET	CASE SYSTEMS	B3100	33"W x 24"D x 34"H
216	4-EQUAL DRAWER BASE CABINET	CASE SYSTEMS	B4040	24"W x 24"D x 34"H
224	OPEN BASE CABINET W/VERTICAL DIVIDER.	CASE SYSTEMS	B1000	36"W x 24"D x 34"H
225	2-DOOR BASE CABINET	CASE SYSTEMS	B0100	33"W x 24"D x 34"H
301	2-DOOR WALL CABINET	CASE SYSTEMS	W0100	33"W x 14"D x 24"H
304	1-DOOR WALL CABINET - LEFT HINGED	CASE SYSTEMS	W0110	24"W x 14"D x 24"H
306	1-DOOR WALL CABINET - RIGHT HINGED	CASE SYSTEMS	W0120	24"W x 14"D x 24"H
309	GOGGLE CABINET	KERKAU	H-75	24.5"W x 9.5"D x 32"H
403	GENERAL CONSTRUCTION TOOL STORAGE CABINET	HANN MANUFACTURING	TS-12	60"W x 22"D x 84"H
404	PARTS STORAGE CABINET	HANN MANUFACTURING	PSC-18	48"W x 18"D x 84"H
705	FRAMELESS TACK BOARD W/XOREL FABRIC	REFER TO SPECIFICATIONS	REFER TO SPECIFICATIONS	4'-0"W x 6'-0"H

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#	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02-20-24		ADDENDUM #1

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TOWSON, MARYLAND
WHITE SULPHUR SPRINGS, WEST VIRGINIA

ADDITIONS AND RENOVATIONS
SHELBURNE MIDDLE SCHOOL
SCHOOL BOARD OF THE CITY OF STAUNTON, VA
300 GRUBERT AVENUE, STAUNTON, VIRGINIA

LARGE SCALE LAYOUTS
DESIGN LAB & LAB

PLOT SCALE: As indicated
FILENAME:
DATE: 01/24/2023

PROJECT 3636

I4.3

KEYNOTES

C1 PROVIDE 25RU, WALL-MOUNTED LOCKABLE AV RACK AT THIS LOCATION (MIDDLE ATLANTIC ERK SERIES OR EQUAL). AUDIOVISUAL EQUIPMENT SERVING MULTI-PURPOSE ROOM 129 AND LOBBY 115 WILL BE LOCATED IN THIS RACK.

C2 PROVIDE WIRELESS MICROPHONE ANTENNA AT THIS LOCATION. IN ADDITION TO ANTENNA, PROVIDE (4) WIRELESS MICROPHONE ANTENNA KITS (SHURE SLX-D14/DL4 OR EQUAL).

C3 PROVIDE LINE ARRAY SPEAKERS INCLUDING (1) JBL VTX B18 SUBWOOFER AND (2) JBL A18 LOUDSPEAKERS.

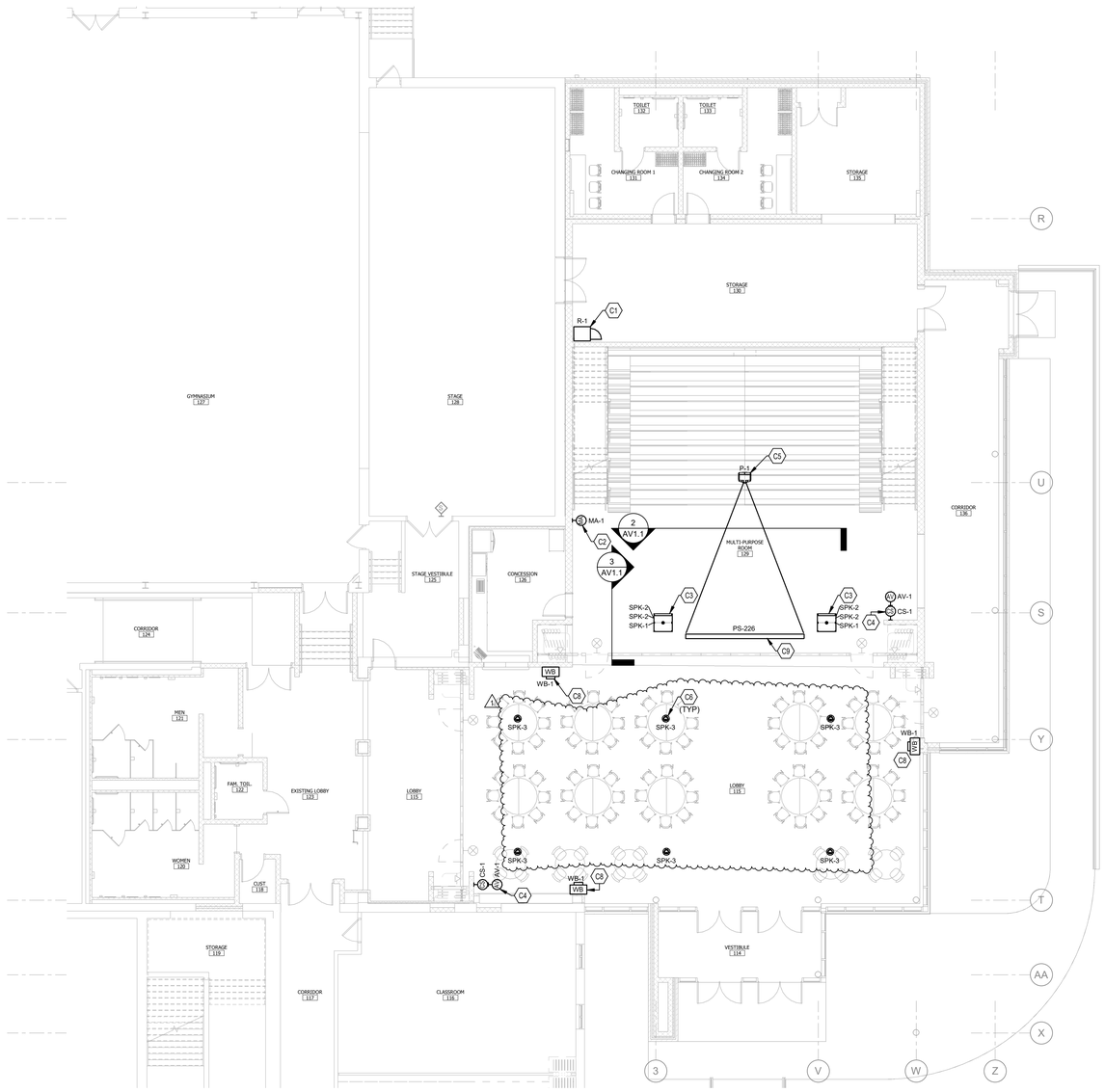
C4 PROVIDE TOUCHSCREEN CONTROL PANEL AT 48" AFF AND HDMI INPUT PLATE AT 18" AFF BELOW AT THIS LOCATION.

C5 PROVIDE CEILING MOUNTED LASER PROJECTOR AT THIS LOCATION. SEE ELEVATIONS AND AUDIOVISUAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.

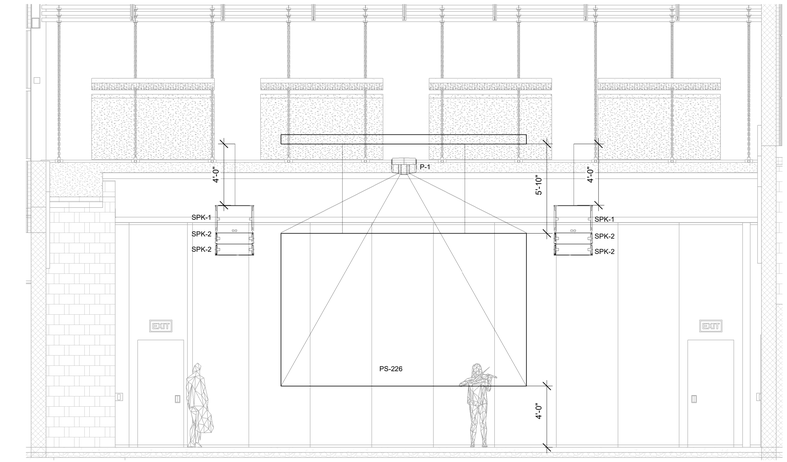
C6 TYPICAL: PROVIDE PENDANT MOUNTED LOUDSPEAKER AT THIS LOCATION. COORDINATE EXACT LOCATION WITH CEILING PRIOR TO ROUGH-IN. SEE AUDIOVISUAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.

C8 PROVIDE WALL BOX FOR FLAT PANEL DISPLAY AT THIS LOCATION. PROVIDE WITH SIGNAL RECEIVER TO INTERFACE DISPLAYS WITH A/V SYSTEM. SEE AUDIOVISUAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.

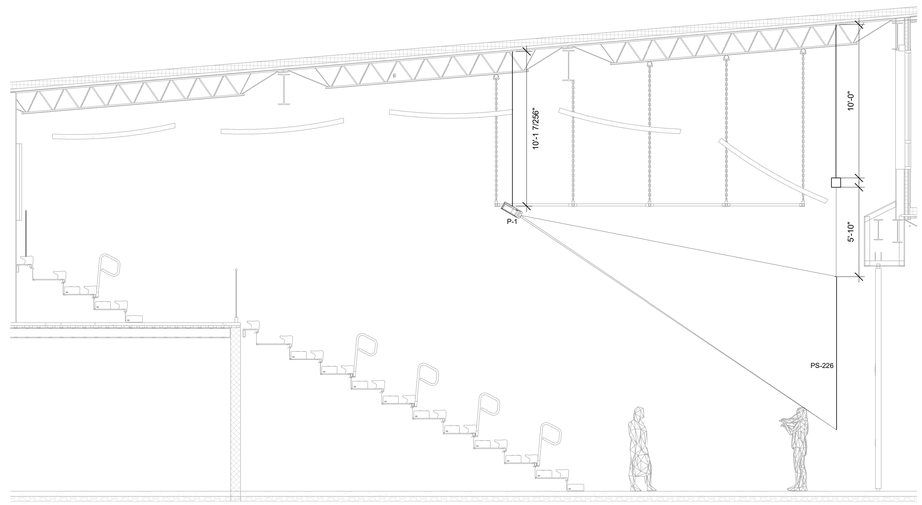
C9 PROVIDE PROJECTION SCREEN AT THIS LOCATION (DA-LITE WIRELINE ADVANTAGE OR EQUAL). SEE AUDIOVISUAL EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.



1 FIRST FLOOR AUDIOVISUAL PLAN



2 MULTI-PURPOSE ROOM 129 FRONT ELEVATION



3 MULTI-PURPOSE ROOM 129 SIDE ELEVATION

ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #1. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.

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AUDIOVISUAL FIRST FLOOR PLAN

PLOT SCALE: As indicated
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

AV1.1

GENERAL NOTES (POWER):

A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D. RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).

E. LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

RATED WALL LEGEND

- 1 HOUR RATED FIRE BARRIER, PART OF SHAFT
- 2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
- 2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
- SMOKE PARTITION

KEYNOTES

E2 PROVIDE KH INDUSTRIES RTBB3L-WDD520-/12F CORD REEL MOUNTED TO CEILING/STRUCTURE. TERMINATE 1H, 1N, 1G INTO DEVICE. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALL.

E48 CONNECT NEW RECEPTACLE TO CIRCUIT SERVING EXISTING-TO-REMAIN RECEPTACLE(S) IN SPACE.

E49 PROVIDE NEMA 1, 240V, 30A/1P RATED DISCONNECT FOR SHOP EQUIPMENT. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALL.

E50 INSTALL DUPLEX RECEPTACLE ORIENTED HORIZONTALLY IN BACKSPLASH OF CASEWORK.

E51 PROVIDE NEMA 1, 240V, 30A/3P RATED DISCONNECT FOR MOTORIZED LIFT. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALL.

E53 PROVIDE GENERAL PURPOSE RECEPTACLE 18" BELOW SLAB OPENING.

E54 PROVIDE DEDICATED RECEPTACLE FOR SUMP PUMP.

E55 PROVIDE 20A ENCLOSED CIRCUIT BREAKER FOR ELEVATOR CONTROLS.

E56 COORDINATE EXACT LOCATION OF ELEVATOR MOTOR WITH MANUFACTURER. FOR BIDDING PURPOSES, ASSUME MOTOR IS LOCATED AT TOP OF SHAFT.

E57 PROVIDE NEW 600A MCB I-LINE STYLE DISTRIBUTION PANELBOARD. CONNECT TO EXISTING FEEDERS WHICH PREVIOUSLY SERVED DEMOLISHED PANELBOARD "SHOP/BOILERS". EXTEND CONDUCTORS/CONDUITS AS NECESSARY.

KEYNOTES

E58 OWNER TO RELOCATE EXISTING PROMETHEAN BOARD TO THIS APPROXIMATE LOCATION IN NEW SPACE.

E59 PROVIDE NEW 150A/3P SHUNT TRIP BREAKER IN EXISTING SWITCHBOARD FOR CIRCUIT FEEDING NEW ELEVATOR. PROVIDE WITH ADJUSTABLE TRIP SETTING DOWN TO 90A.

E62 UTILIZE EXISTING CIRCUIT SERVING PREVIOUS SPACE TO FEED NEW ELECTRICAL DEVICES. EXTEND CONDUCTORS/CONDUITS AS REQUIRED.

E85 PROVIDE 120V CONNECTION FOR SINK STATION. COORDINATE FINAL POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUTING CONDUIT/CONDUCTORS.

E103 PROVIDE NEW 150A/3P BREAKER IN EXISTING SWITCHBOARD FOR FEEDER TO NEW PANEL "HP1".

E120 PROVIDE 120V CONNECTION TO SINK FAUCET. COORDINATE FINAL POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALL.

E121 PROVIDE 208V/2P ELECTRICAL CONNECTION TO COILING DOOR AND EXTEND CONDUCTORS AS REQUIRED TO THREE BUTTON SWITH ON WALL.

E122 PROVIDE KH INDUSTRIES RTFMH4L-WW-K6K CORD REEL MOUNTED TO CEILING/STRUCTURE TO SERVE WELDING STATION. FIELD INSTALL NEMA 6-50 RECEPTACLE AND BACKBOX TO CORD REEL. TERMINATE 2H, 1N, 1G INTO DEVICE AT CEILING. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALL.

KEYNOTES

E123 INSTALL RECEPTACLE SERVING GOGGLE CABINET AT APPROXIMATELY 4' SO AS TO CONCEAL OUTLET AND POWER CORD BEHIND CABINET ONCE INSTALLED.

E125 APPROXIMATE CONDUIT PATH FOR FEEDER FROM EXISTING SWITCHBOARD TO NEW PANEL "HP1". REFER TO ONE-LINE DIAGRAM FOR CONDUCTOR AND CONDUIT SIZING.

E126 PATCH WALL AS REQUIRED TO MAINTAIN CURRENT FIRE/SMOKE RATING.

E133 OWNER TO REMOVE ANY/ALL OBSTRUCTIONS AS REQUIRED TO ESTABLISH AND MAINTAIN REQUIRED CLEARANCE FOR NEW PANELBOARD.

E149 UTILIZE SPARE 20A BREAKER IN EXISTING PANELBOARD "LB" TO PROVIDE DEDICATED CIRCUIT FOR NEW DUPLEX RECEPTACLE SERVING PRINTER. EXTEND 2#10, 1#10 IN 3/4" CONDUIT FROM BREAKER TO OUTLET. NOTIFY ENGINEER IF NO SPARE BREAKER IS AVAILABLE.

E152 PROVIDE 120V CONNECTION TO NEW PAGING INTERCOM ROOM AMPLIFIER. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.

E153 RECONNECT EXISTING CIRCUIT FOR DOOR ACCESS HARDWARE AT NEW DOOR LOCATION. EXTEND CONDUCTORS/CONDUIT AS REQUIRED.

E154 PROVIDE 120V CONNECTION FOR NEW DOOR ACCESS HARDWARE. COORDINATE FINAL POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUTING CIRCUIT.

KEYNOTES

E157 INSTALL THREE BUTTON SWITCH FURNISHED BY COILING DOOR MANUFACTURER AT THIS LOCATION. EXTEND CONDUCTORS IN ¾" CONDUIT AS REQUIRED BETWEEN CONTROL STATION AND MOTOR. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.

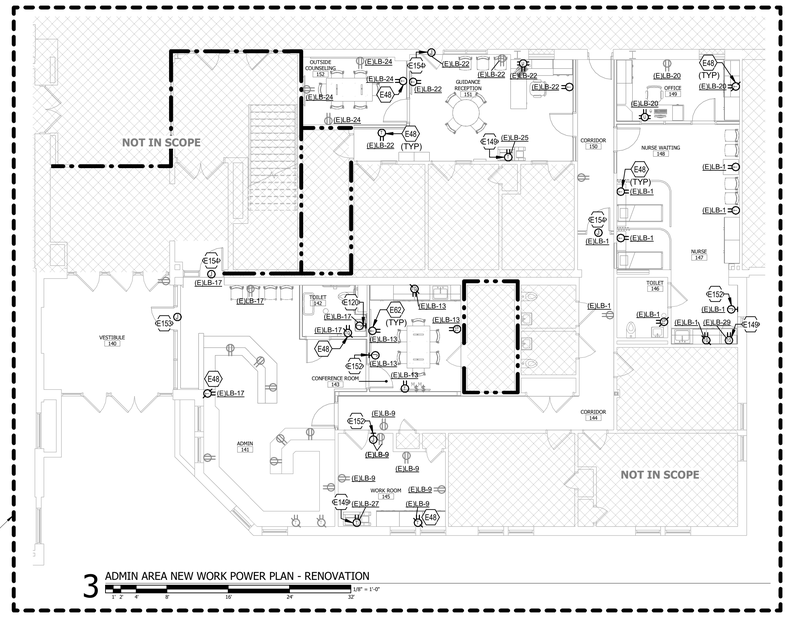
E158 PROVIDE ROUGH-IN FOR MOTORIZED LIFT CONTROL STATION AT THIS LOCATION. PROVIDE ¾" CONDUIT FROM DRIVE UNIT TO CONTROL STATION LOCATION. INSTALL CONTROL STATION FURNISHED BY MANUFACTURER. REFER TO MANUFACTURER SHOP DRAWINGS FOR WIRING SCHEMATIC OF CONTROL STATIONS.

E159 PROVIDE ROUGH-IN AS REQUIRED FOR ALARMS AND OTHER MISC. DEVICES ASSOCIATED WITH CHAIR LIFT. PROVIDE ¾" CONDUIT FROM DRIVE UNIT TO ALL DEVICES AND COMPLETELY INSTALL DEVICES FURNISHED BY MANUFACTURER. REFER TO SHOP DRAWINGS FOR WIRING SCHEMATIC.

E164 PROVIDE 120V CONNECTION TO ROLLER SHADE. COORDINATE EXACT CONNECTION POINT AND POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION.

E166 PROVIDE 120V CONNECTION TO ALL SMOKE DAMPERS IN THIS AREA OF THE BUILDING. REFER TO FIRE ALARM DRAWINGS FOR ALL LOCATIONS.

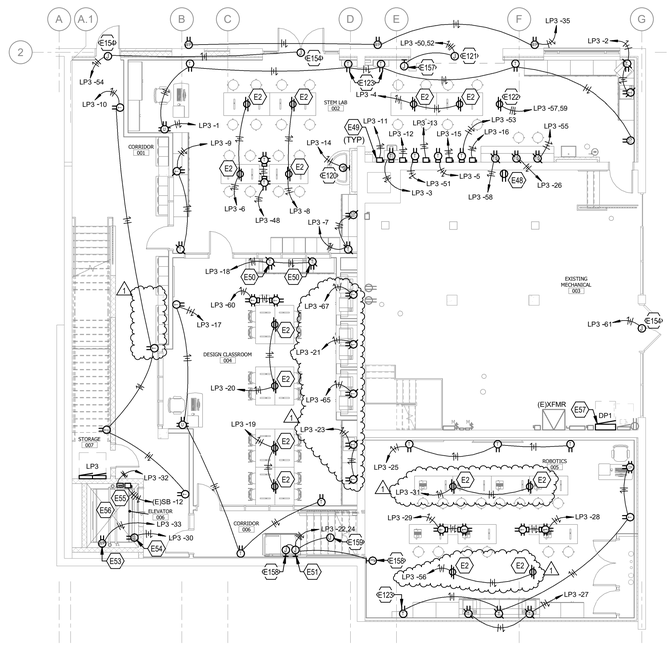
E174 PROVIDE QUADRUPLEX RECEPTACLE WITH GREEN OUTLET COVERS AND GREEN FACEPLATE TO MATCH COLOR OF BACKDROP.



ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #2. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.

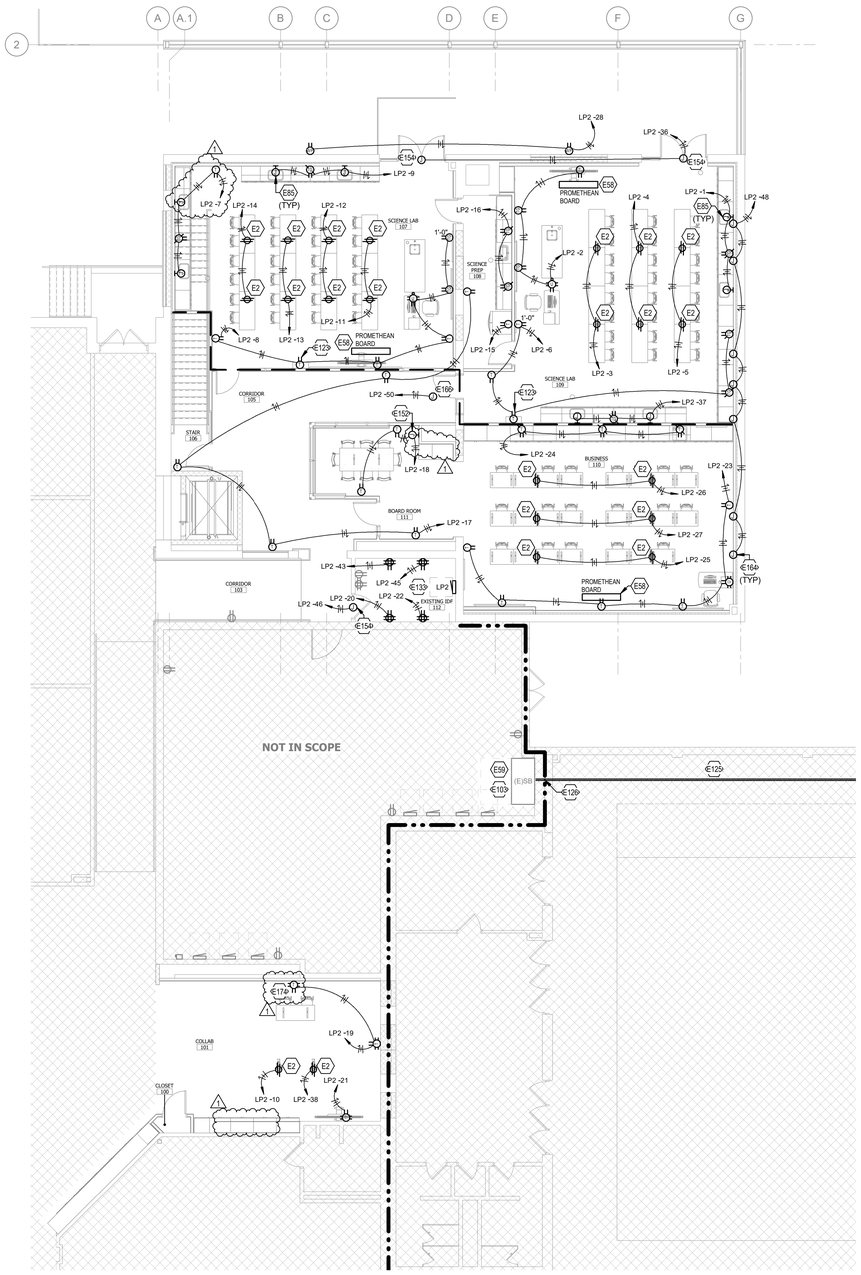
3 ADMIN AREA NEW WORK POWER PLAN - RENOVATION

1/8" = 1'-0"



1 LOWER LEVEL NEW WORK POWER PLAN - RENOVATION

1/8" = 1'-0"



2 FIRST FLOOR NEW WORK POWER PLAN - RENOVATION

1/8" = 1'-0"

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POWER PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION

PLOT SCALE: 1/8" = 1'-0"
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

E1.1

RATED WALL LEGEND

	1 HOUR RATED FIRE BARRIER, PART OF SHAFT
	2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
	2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
	SMOKE PARTITION

GENERAL NOTES (POWER):

A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

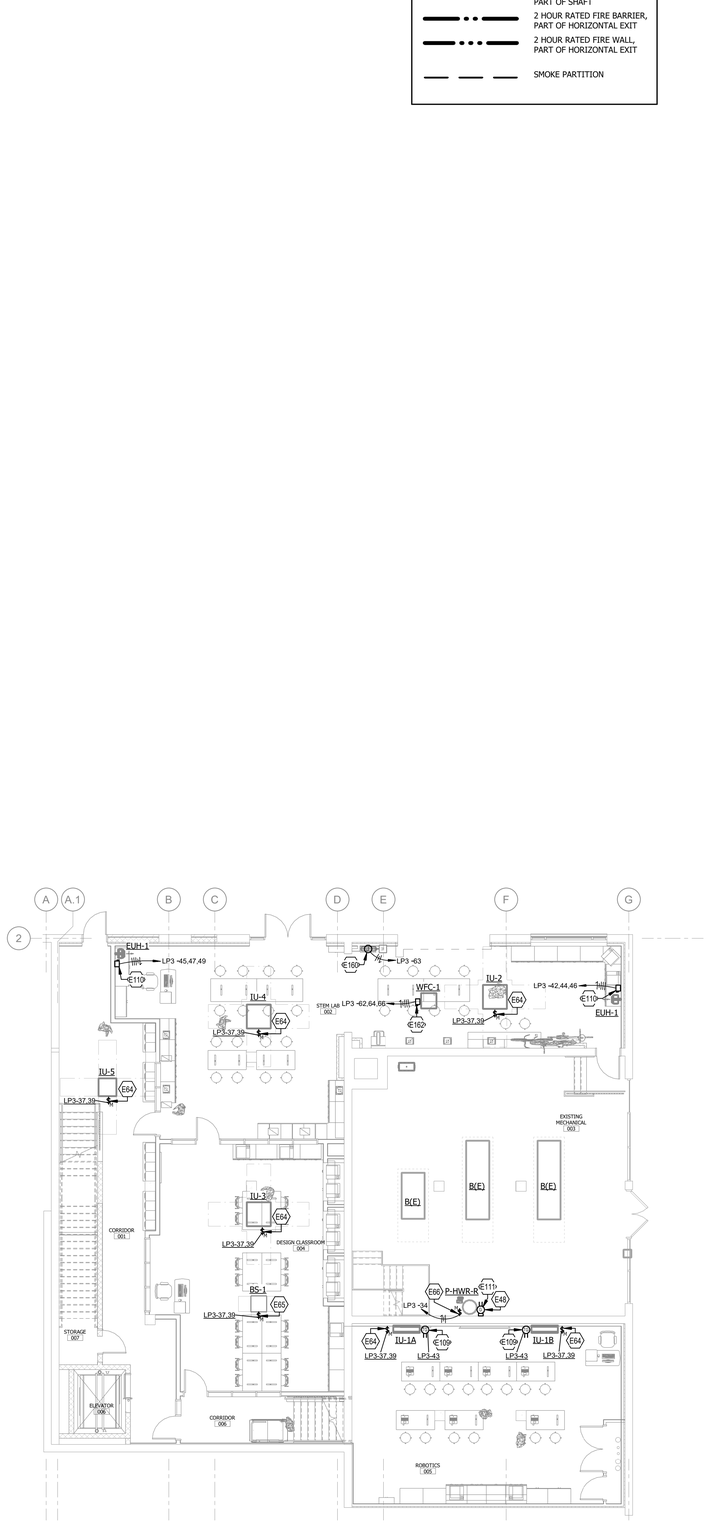
C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D. RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).

E. LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESSMAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

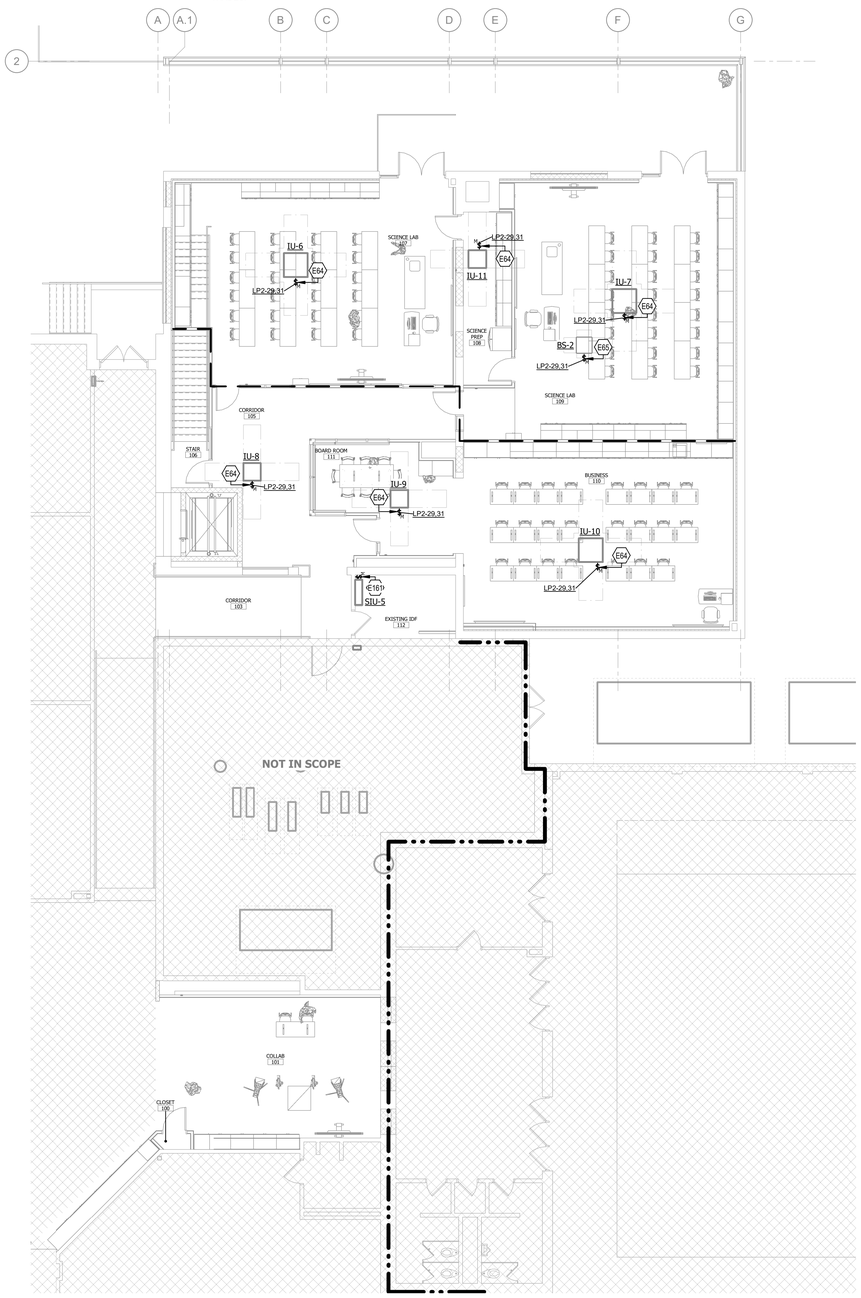
KEYNOTES

E48	CONNECT NEW RECEPTACLE TO CIRCUIT SERVING EXISTING-TO-REMAIN RECEPTACLE(S) IN SPACE.
E64	PROVIDE NEMA 1, 240V, 20A/2P MOTOR RATED SWITCH FOR INDOOR VRF UNIT.
E65	PROVIDE NEMA 1, 240V, 20A/2P MOTOR RATED SWITCH FOR VRF BRANCH SELECTOR.
E66	PROVIDE NEMA 1, 240V, 20A/1P MOTOR RATED SWITCH FOR WATER HEATER PUMP.
E109	PROVIDE DUPLEX RECEPTACLE AT APPROXIMATELY 7'-8" AFF FOR VRF UNIT CONDENSATE PUMP. COORDINATE FINAL POWER REQUIREMENTS AND FINAL LOCATION WITH MECHANICAL CONTRACTOR. 1
E110	PROVIDE NEMA 1, 240V, 30A/3P RATED DISCONNECT SWITCH FOR UNIT HEATER.
E111	PROVIDE GFCI DUPLEX RECEPTACLE FOR WATER HEATER LEAK DETECTION DEVICE.
E160	PROVIDE 120V CONNECTION TO MOTORIZED DAMPER. COORDINATE FINAL LOCATION AND POWER REQUIRMENTS WITH MECHANICAL CONTRACTOR.
E161	PROVIDE NEMA 1, 240V, 20A/2P MOTOR RATED SWITCH FOR INDOOR SPLIT SYSTEM UNIT. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR.
E162	PROVIDE NEMA 1, 240V, 20A/3P DISCONNECT SWITCH FOR WELDING FUME CAPTURE SYSTEM. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR.



1 LOWER LEVEL NEW WORK MECH. POWER PLAN - RENOVATION

1/8" = 1'-0"



2 FIRST FLOOR NEW WORK MECH. POWER PLAN - RENOVATION

1/8" = 1'-0"

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t: 804.495.8461
www.cmta.com

MECH. POWER PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION

PLOT SCALE: 1/8" = 1'-0"
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

E1.2

RATED WALL LEGEND

- 1 HOUR RATED FIRE BARRIER, PART OF SHAFT
- 2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
- 2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
- SMOKE PARTITION

GENERAL NOTES (LIGHTING):

A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING, IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. ALSO, MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D. LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT. SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT.

GENERAL NOTES (LIGHTING):

E. LOCATE EXIT SIGNS FOR MAXIMUM VIEWING AREA TO IDENTIFY EGRESS PATHS AS INDICATED ON PLANS. COORDINATE LOCATIONS SUCH THAT ARCHITECTURAL FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSTRUCT VIEW.

F. LUMINAIRES INDICATED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS OR RIGHT AND LEFT HAND LAMPS.

G. ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.

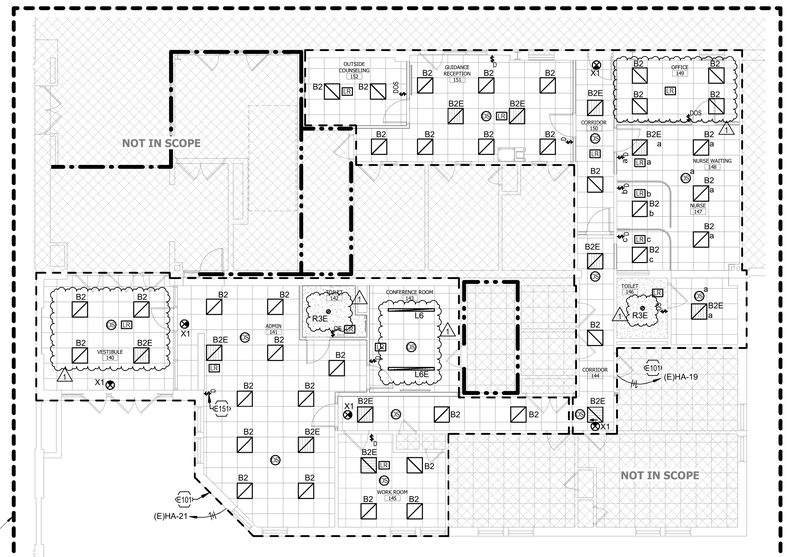
H. RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE REQUIRED INSERTING LAMPS, TRIMS, LENSES, LOUVERS, OR DOOR FRAMES DOES NOT SHIFT HOUSING. ALL TRIMS SHALL BE COMPLETELY FLUSH WITH FINISHED CEILINGS AT COMPLETION OF CONSTRUCTION.

I. CONTRACTOR SHALL PROVIDE UNSWITCHED CONDUCTOR TO ALL EXIT SIGNS, EMERGENCY INVERTER BATTERY PACKS, AND NIGHT LIGHTS AS REQUIRED.

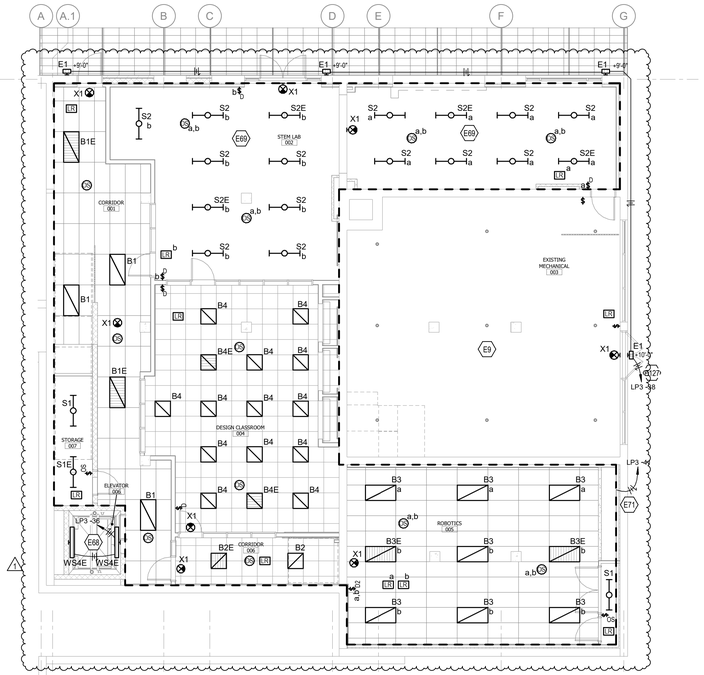
KEYNOTES

E9	RECIRCUIT ALL EXISTING LIGHTS IN THIS SPACE AS REQUIRED TO BE CONTROLLED BY NEW SWITCHES. CONNECT NEW EXIT SIGN WITH UNSWITCHED HOT FROM EXISTING LIGHTING CIRCUIT.
E68	PROVIDE DEDICATED LIGHTING CIRCUIT FOR ELEVATOR PIT LIGHTING.
E69	MOUNT ALL LIGHT FIXTURES (EXCEPT EXIT SIGNS) AND SENSORS IN THIS SPACE AT 12' AFF.
E71	ALL LIGHTING SHOWN WITHIN BOUNDARY SHALL BE CONNECTED TO DESIGNATED CIRCUIT BREAKER UNLESS OTHERWISE NOTED.
E100	REINSTALL EXISTING EXIT SIGN AND RECONNECT TO EXISTING LIGHTING CIRCUIT. EXTEND CONDUCTORS/CONDUIT AS REQUIRED. PROVIDE FIXTURE WITH NEW CAGE GUARD.
E101	UTILIZE EXISTING LIGHTING CIRCUIT(S) TO FEED NEW LIGHT FIXTURES SHOWN WITHIN THIS BOUNDARY. EXTEND CONDUCTORS/CONDUIT AS REQUIRED.
E127	ROUTE CIRCUIT THROUGH BUILDING MOUNTED PHOTOCELL FOR ON/OFF CONTROL OF EXTERIOR FIXTURES.
E128	PROVIDE BUILDING MOUNTED PHOTOCELL AT THIS LOCATION FOR ON/OFF CONTROL OF NEW EXTERIOR FIXTURES. COORDINATE FINAL LOCATION PRIOR TO INSTALLATION.
E151	COORDINATE FINAL SWITCH LOCATION WITH OWNER PRIOR TO INSTALLATION.

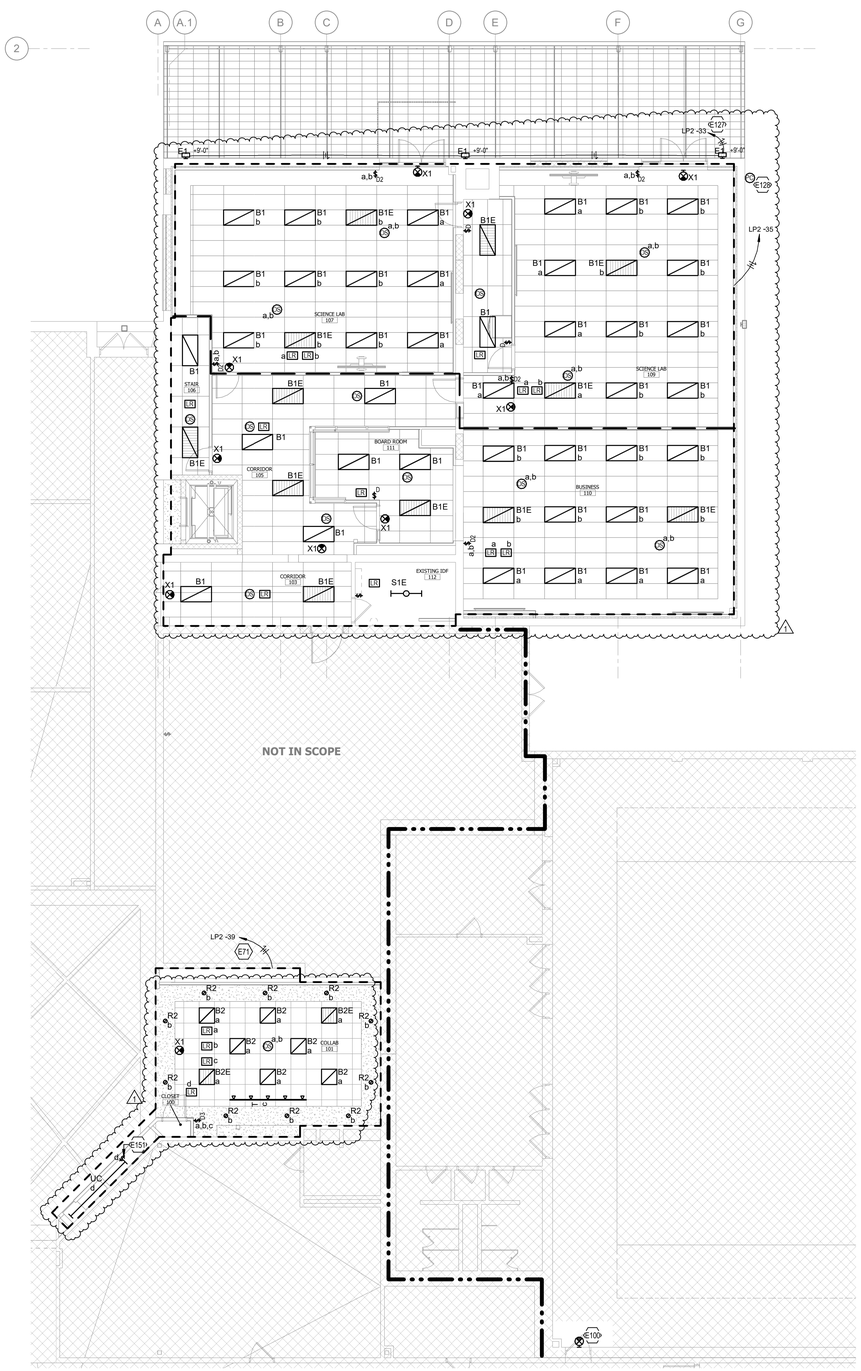
ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #2. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.



3 ADMIN AREA NEW WORK LIGHTING PLAN - RENOVATION



1 LOWER LEVEL NEW WORK LIGHTING PLAN - RENOVATION



2 FIRST FLOOR NEW WORK LIGHTING PLAN - RENOVATION

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LIGHTING PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION

PLOT SCALE: 1/8" = 1'-0"
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

E1.3

KEYNOTES

E19 ADD J-HOOKS AS REQUIRED FOR UNSUPPORTED CABLING IN THIS SPACE.

E34 REFEED EXISTING-TO-REMAIN CAMERA FROM NETWORK SWITCH IN EXISTING IDF 112 PRIOR TO START OF DEMOLITION. REMOVE EXISTING CAMERA DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT SAME APPROXIMATE LOCATION WITH CURRENT LENS DIRECTION ON NEW EXTERIOR CANOPY. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION. COORDINATE TIMING OF REMOVAL AND REINSTALLATION WITH OWNER AND ARCHITECT TO MINIMIZE TIME DURING WHICH CAMERAS ARE NON-OPERATIONAL.

E73 REINSTALL EXISTING PAGING INTERCOM AMPLIFIER AND CALL BUTTON. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING IDF 114 AND TERMINATE INTO AMPLIFIER. COORDINATE CONNECTIONS WITH OWNER TO RECONNECT DEVICES TO EXISTING AUDIO ENHANCEMENT EPIC PAGING INTERCOM SYSTEM. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.

E74 INSTALL DATA OUTLET ORIENTED HORIZONTALLY IN BACKSPLASH OF CASEWORK.

E78 PROVIDE ANALOG LINE FOR PHONE IN ELEVATOR CAR. COORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR PRIOR TO ROUGH-IN.

E79 PROVIDE DATA OUTLET AT APPROXIMATELY 5' AFF FOR DISPLAY. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.

E80 REINSTALL EXISTING PAGING INTERCOM SPEAKER IN NEW CEILING AND RECONNECT TO PAGING INTERCOM ROOM AMPLIFIER. EXTEND/REFEED CAT6 CABLING AS REQUIRED. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E81 REINSTALL EXISTING CAMERA IN NEW CEILING AT THIS LOCATION. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING IDF 114 AND TERMINATE INTO CEILING. COORDINATE CONNECTION WITH OWNER TO RECONNECT CAMERA TO EXISTING CCTV SYSTEM. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E88 REINSTALL EXISTING CARD READER IN MULLION OF NEW WALL AND RECONNECT TO EXISTING CARD ACCESS SYSTEM. REINSTALL ALL ASSOCIATED DOOR HARDWARE. EXTEND/REFEED CAT6 CABLING AS REQUIRED. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E90 REINSTALL EXISTING AUDIO ENHANCEMENT EPIC SYSTEM VOLUME CONTROL DIAL AT THIS LOCATION. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING DATA CLOSET ON PLAN-NORTH SIDE OF CORRIDOR 153 AND TERMINATE AT 4' AFF. COORDINATE CONNECTION WITH OWNER TO RECONNECT DIAL TO EXISTING PAGING INTERCOM SYSTEM. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E92 REINSTALL EXISTING PAGING INTERCOM CALL BUTTON AT THIS LOCATION. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING DATA CLOSET ON PLAN-NORTH SIDE OF CORRIDOR 153 AND TERMINATE AT 4' AFF. COORDINATE CONNECTION WITH OWNER TO RECONNECT DIAL TO EXISTING PAGING INTERCOM SYSTEM. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E94 REINSTALL EXISTING DIGITAL CLOCK AT THIS LOCATION. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING IDF 114 AND TERMINATE AT 7' AFF. COORDINATE CONNECTION WITH OWNER TO RECONNECT CLOCK TO EXISTING TIME CLOCK SYSTEM. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E95 PROVIDE NEW CALL BUTTON; MATCH DEVICES OF EXISTING PAGING INTERCOM SYSTEM AND CONNECT NEW CALL BUTTON TO SYSTEM. COORDINATE FINAL LOCATION PRIOR TO INSTALLATION.

E112 PROVIDE ROUGH-IN FOR ALL DOOR HARDWARE DEVICES TO BE PROVIDED BY ACCESS CONTROL AND/OR DOOR HARDWARE CONTRACTORS.

E129 REINSTALL EXISTING SIEMENS FIRE ALARM ANNUNCIATOR PANEL AT THIS LOCATION AND RECONNECT OT EXISTING FIRE ALARM SYSTEM. EXTEND CABLING AS REQUIRED.

E136 REINSTALL EXISTING CAMERA IN NEW CEILING AT THIS LOCATION AND RECONNECT TO EXISTING CCTV SYSTEM. EXTEND/REFEED CAT6 CABLING AS REQUIRED. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E137 REINSTALL EXISTING DIGITAL CLOCK AT THIS LOCATION. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING DATA CLOSET ON PLAN-NORTH SIDE OF CORRIDOR 153 AND TERMINATE AT 7' AFF. COORDINATE CONNECTION WITH OWNER TO RECONNECT CLOCK TO EXISTING TIME CLOCK SYSTEM. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E138 REINSTALL EXISTING CAMERA IN NEW CEILING AT THIS LOCATION. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING DATA CLOSET ON PLAN-NORTH SIDE OF CORRIDOR 153 AND TERMINATE INTO CEILING. COORDINATE CONNECTION WITH OWNER TO RECONNECT CAMERA TO EXISTING CCTV SYSTEM. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E139 REINSTALL EXISTING PAGING INTERCOM SPEAKER IN NEW CEILING AT THIS LOCATION. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING DATA CLOSET ON PLAN-NORTH SIDE OF CORRIDOR 153 AND TERMINATE INTO CEILING. COORDINATE CONNECTION WITH OWNER TO RECONNECT SPEAKER TO EXISTING PAGING INTERCOM SYSTEM. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E140 OWNER TO PROVIDE NEW PAGING INTERCOM ROOM AMPLIFIER AT THIS LOCATION. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING DATA CLOSET ON PLAN-NORTH SIDE OF CORRIDOR 153 AND TERMINATE AT 7' AFF. COORDINATE CONNECTION TO EXISTING PAGING INTERCOM SYSTEM WITH OWNER. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E141 REPROGRAM EXISTING PAGING INTERCOM VOLUME DIAL AS REQUIRED TO CONTROL VOLUME OF PAGING INTERCOM SPEAKERS IN OFFICE 149 AND NURSE 147.

E142 STUB-UP DATA DROP; INSTALL ON SIDE OF CASEWORK.

E143 OWNER TO PROVIDE NEW PAGING INTERCOM ROOM AMPLIFIER AT THIS LOCATION. PROVIDE CAT6 CABLE FROM NETWORK SWITCH IN EXISTING IDF 112 AND TERMINATE AT 7' AFF. COORDINATE CONNECTION TO EXISTING PAGING INTERCOM SYSTEM WITH OWNER. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

E145 PROVIDE RACKSOLUTIONS 151SW-4560 SERVER RACK CABINET. COORDINATE WITH OWNER FOR ORGANIZATION OF NETWORK SWITCHES WITHIN CABINET AND ORGANIZATION OF CABLING IN/OUT OF CABINET. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION.

E146 EXTEND 6-STRAND MULTIMODE FIBER CABLE FROM EXISTING IDF 112 TO NEW IT RACK IN STORAGE 130. PROVIDE IN 3/4" CONDUIT AS REQUIRED IN AREAS THAT ARE EXPOSED TO STRUCTURE.

E148 PROVIDE CORNELL EMERGENCY RESPONSE SYSTEMS KE-114 PULL CORD KIT. COORDINATE FINAL LOCATION OF DEVICES WITH OWNER PRIOR TO INSTALL.

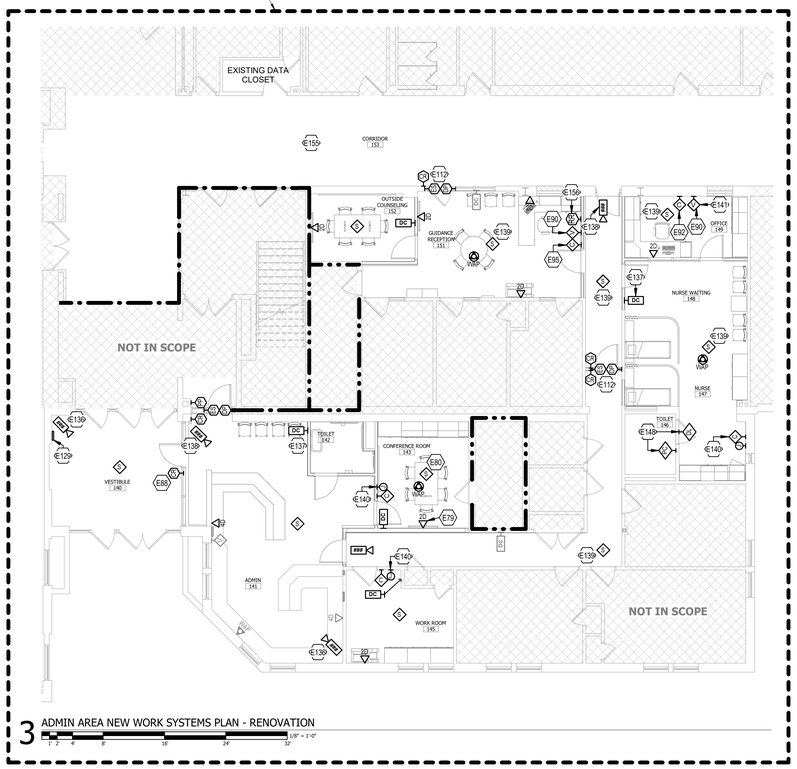
E155 TEMPORARILY REMOVE CEILING TILE IN THIS SPACE AS REQUIRED FOR ROUTING CAT6 CABLES FROM EXISTING DATA CLOSET TO ADMIN SUITE. CONTRACTOR RESPONSIBLE FOR REPLACING ANY DAMAGED TILING DURING CONSTRUCTION.

E156 OWNER TO PROVIDE REMOTE RELEASE BUTTON FOR CONTROL OF DOOR ACCESS HARDWARE IN DOOR FROM CORRIDOR 153. PROVIDE ALL NECESSARY WIRING/CONNECTIONS FROM REMOTE RELEASE BUTTON TO DOOR ACCESS HARDWARE. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO ROUGH-IN.

LOW VOLTAGE SCOPE NOTE

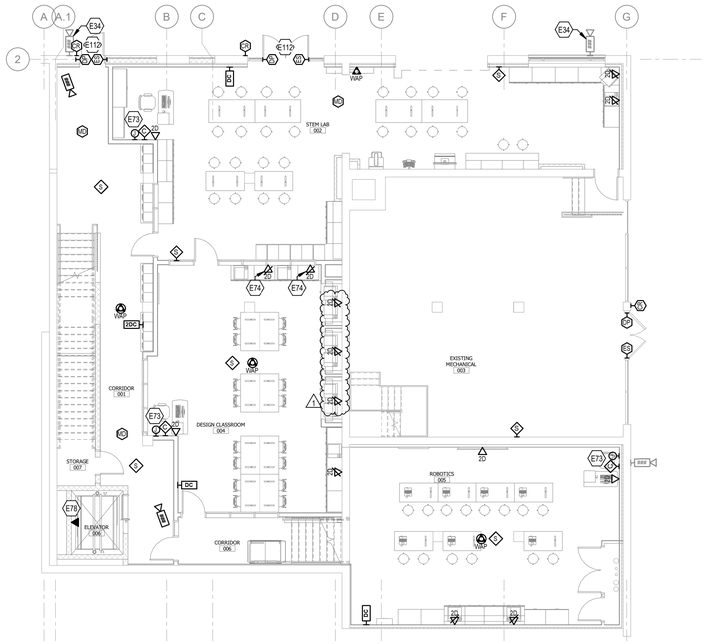
UNLESS OTHERWISE NOTED, ALL NEW CAMERAS, DIGITAL CLOCKS, PAGING INTERCOM DEVICES, WAPs, CARD READERS, PUSH PLATES, DOOR POSITION SWITCHES AND MOTION SENSORS ARE TO BE PROVIDED BY OWNER. FOR EACH OF THESE DEVICES, ELECTRICAL CONTRACTOR SHALL PROVIDE A CAT6 DATA DROP IN 1" CONDUIT FROM NEAREST AVAILABLE NETWORK SWITCH AND TERMINATE NEATLY INTO CEILING/WALL AT LOCATION WHERE DEVICE IS SHOWN. ELECTRICAL CONTRACTOR SHALL COORDINATE FINAL LOCATION AND CONNECTION REQUIREMENTS FOR ALL DEVICES PRIOR TO ROUTING CAT6 CABLE.

ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #2. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.



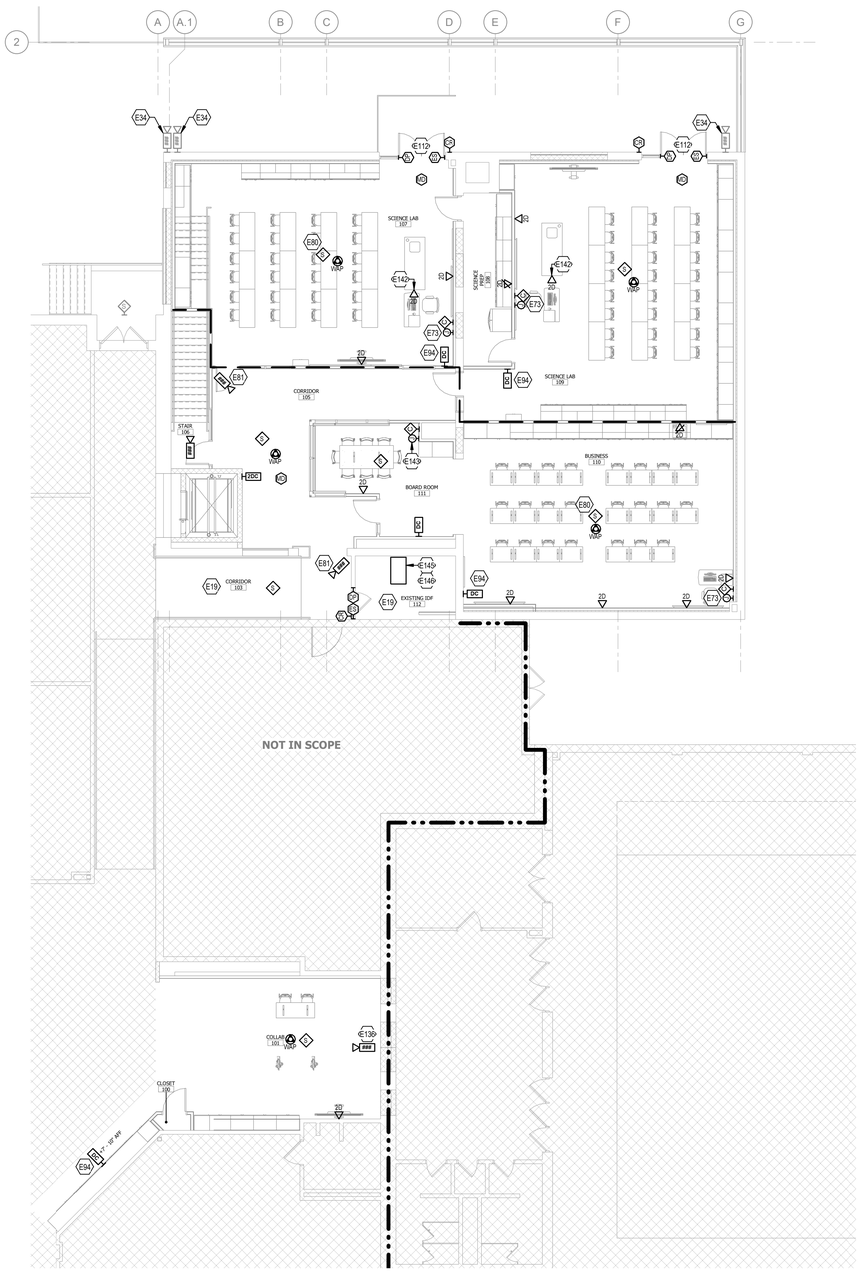
3 ADMIN AREA NEW WORK SYSTEMS PLAN - RENOVATION

1/8" = 1'-0"



1 LOWER LEVEL NEW WORK SYSTEMS PLAN - RENOVATION

1/8" = 1'-0"



2 FIRST FLOOR NEW WORK SYSTEMS PLAN - RENOVATION

1/8" = 1'-0"

GENERAL NOTES (SYSTEMS):

A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D. REFER TO "SYSTEM INSTALLATION MATRIX" (ON SYSTEMS LEGEND SHEET) AND SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS OF EACH SYSTEM.

E. THE CONTRACTOR SHALL ROUTE ALL "SYSTEM CONDUIT STUB-UPS" TO THE NEAREST CORRIDOR CABLING PATH (SEE "STUB-UP" DETAILS). REFER TO CABLING PATH INSTALLATION DETAIL FOR ADDITIONAL REQUIREMENTS.

F. CONTRACTOR SHALL PAINT ALL SYSTEMS CONDUIT STUB-UPS LIGHT BLUE FOR SYSTEMS CABLING INTO THE CORRIDOR CABLING PATH. PROVIDE PULL STRINGS IN ALL NEW CONDUIT RUNS FOR SYSTEM CABLING INSTALLATION.

RATED WALL LEGEND

- 1 HOUR RATED FIRE BARRIER, PART OF SHAFT
- 2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
- 2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
- SMOKE PARTITION

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SYSTEMS PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION

PLOT SCALE: 1/8" = 1'-0"
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

E1.4

RATED WALL LEGEND

- 1 HOUR RATED FIRE BARRIER, PART OF SHAFT
- 2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
- 2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
- SMOKE PARTITION

GENERAL NOTES (POWER):

A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D. RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).

E. LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

KEYNOTES

E102 INSTALL DUPLEX RECEPTACLE ON HORIZONTAL CENTERLINE OF WALL BELOW WINDOW SILL.

E120 PROVIDE 120V CONNECTION TO SINK FAUCET. COORDINATE FINAL POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALL.

E125 APPROXIMATE CONDUIT PATH FOR FEEDER FROM EXISTING SWITCHBOARD TO NEW PANEL "HP1". REFER TO ONE-LINE DIAGRAM FOR CONDUCTOR AND CONDUIT SIZING.

E126 PATCH WALL AS REQUIRED TO MAINTAIN CURRENT FIRE/SMOKE RATING.

E131 EXISTING WATER FOUNTAINS RELOCATED TO THIS LOCATION. EXTEND EXISTING CIRCUIT(S) SERVING FOUNTAINS AS REQUIRED TO RECONNECT.

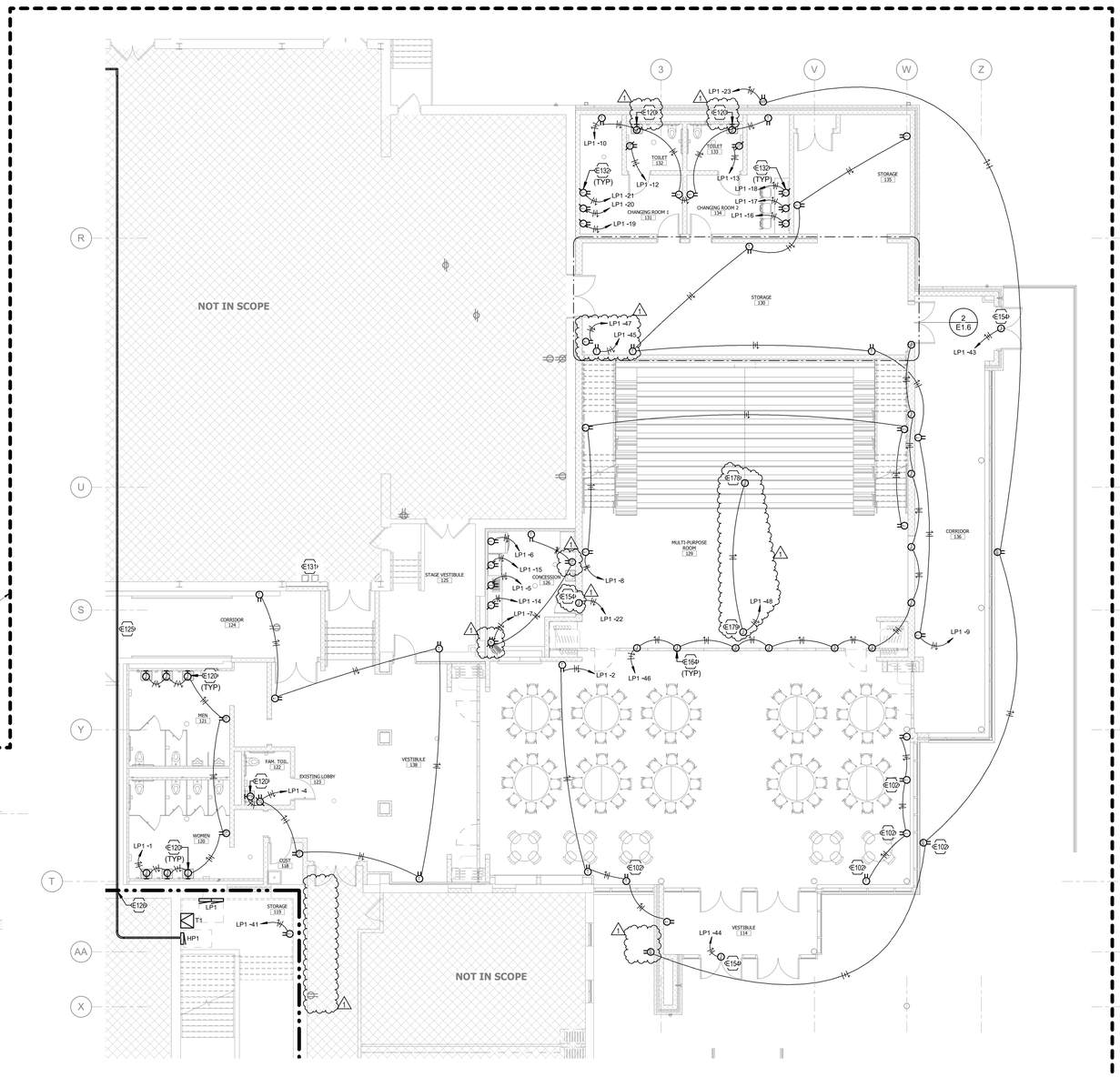
E132 INSTALL DUPLEX RECEPTACLE ORIENTED HORIZONTALLY IN BETWEEN TOP OF BACKSPLASH AND BOTTOM OF MIRROR.

E154 PROVIDE 120V CONNECTION FOR NEW DOOR ACCESS HARDWARE. COORDINATE FINAL POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUTING CIRCUIT.

E164 PROVIDE 120V CONNECTION TO ROLLER SHADE. COORDINATE EXACT CONNECTION POINT AND POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION.

E178 PROVIDE 120V CONNECTION TO PROJECTOR. COORDINATE FINAL LOCATION AND POWER REQUIREMENTS WITH ARCHITECT AND MANUFACTURER PRIOR TO INSTALLATION.

E179 PROVIDE 120V CONNECTION TO PROJECTOR SCREEN. COORDINATE FINAL LOCATION AND POWER REQUIREMENTS WITH ARCHITECT AND MANUFACTURER PRIOR TO INSTALLATION.



2 CALLOUT VIEW - UPPER LEVEL SEATING POWER
1/4" = 1'-0"

1 FIRST FLOOR NEW WORK POWER PLAN - ADDITION
1/4" = 1'-0"

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POWER FIRST FLOOR NEW WORK - ADDITION

PLOT SCALE: As indicated
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

E1.6

GENERAL NOTES (POWER):

A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D. RECEPTACLES THAT ARE CONTROLLED BY AN AUTOMATIC MEANS SUCH AS OCCUPANCY SENSOR OR ENERGY MANAGEMENT SYSTEM SHALL BE MARKED IN ACCORDANCE WITH NEC 406.3(E).

E. LOCATIONS OF ELECTRICAL CONNECTIONS AND LOCAL DISCONNECTS SHALL BE COORDINATED WITH MECHANICAL AND PLUMBING CONTRACTORS TO ENSURE ACCESS AND WORKING CLEARANCE IS MAINTAINED PER NEC. NOTIFY OTHER TRADES OF REQUIRED CLEARANCE AREAS TO AVOID ROUTING OF OTHER SYSTEMS IN THESE AREAS. DO NOT INSTALL ELECTRICAL EQUIPMENT OVER EQUIPMENT NAMEPLATES OR ACCESS PANELS OR THROUGH ACCESS/MAINTENANCE CLEARANCES OF EQUIPMENT BY OTHER TRADES.

KEYNOTES

E66 PROVIDE NEMA 1, 240V, 20A/1P MOTOR RATED SWITCH FOR WATER HEATER PUMP.

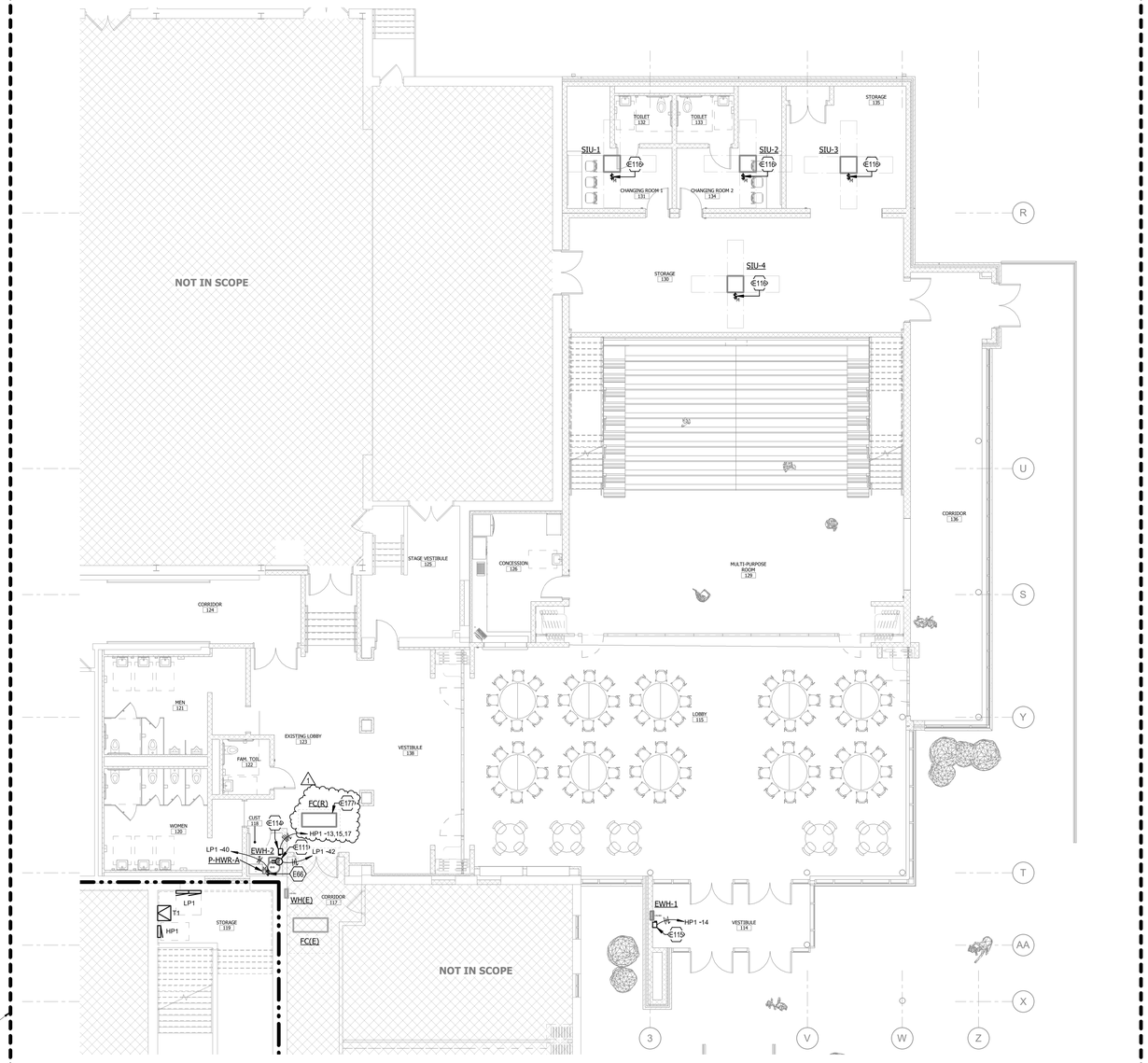
E111 PROVIDE GFCI DUPLEX RECEPTACLE FOR WATER HEATER LEAK DETECTION DEVICE.

E114 PROVIDE NEMA 1, 600V, 30A/3P RATED FUSIBLE DISCONNECT SWITCH FOR WATER HEATER. PROVIDE FUSES IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS.

E115 PROVIDE NEMA 1, 600V, 30A/1P RATED FUSIBLE DISCONNECT FOR ELECTRIC WALL HEATER. INSTALL ABOVE CEILING. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR.

E116 PROVIDE NEMA 1, 240V, 20A/3P MOTOR RATED SWITCH FOR INDOOR SPLIT SYSTEM UNIT. COORDINATE FINAL LOCATION WITH MECHANICAL CONTRACTOR.

E177 EXISTING FAN COIL UNIT RELOCATED TO THIS LOCATION. RELOCATE/REUSE EXISTING LOCAL DISCONNECTING MEANS AND CIRCUIT; EXTEND CONDUIT/CONDUCTORS AS REQUIRED.



ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #1. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.

1 FIRST FLOOR NEW WORK MECH. POWER PLAN - ADDITION

1/8" = 1'-0"

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MECH. POWER FIRST FLOOR NEW WORK - ADDITION

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

FILENAME: RSMR22

DATE: 01/24/2024

PROJECT 3636

E1.7

GENERAL NOTES (LIGHTING):

A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

C. IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. IN HEALTHCARE FACILITIES, ENGRAVE EMERGENCY DEVICE COVERPLATES IN PATIENT CARE AREAS. ALSO, MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.

D. LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT, SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT.

GENERAL NOTES (LIGHTING):

E. LOCATE EXIT SIGNS FOR MAXIMUM VIEWING AREA TO IDENTIFY EGRESS PATHS AS INDICATED ON PLANS. COORDINATE LOCATIONS SUCH THAT ARCHITECTURAL FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSTRUCT VIEW.

F. LUMINAIRES INDICATED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS OR RIGHT AND LEFT HAND LAMPS.

G. ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.

H. RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE REQUIRED INSERTING LAMPS, TRIMS, LENSES, LOUVERS, OR DOOR FRAMES DOES NOT SHIFT HOUSING. ALL TRIMS SHALL BE COMPLETELY FLUSH WITH FINISHED CEILINGS AT COMPLETION OF CONSTRUCTION.

I. CONTRACTOR SHALL PROVIDE UNSWITCHED CONDUCTOR TO ALL EXIT SIGNS, EMERGENCY INVERTER BATTERY PACKS, AND NIGHT LIGHTS AS REQUIRED.

KEYNOTES

E71 ALL LIGHTING SHOWN WITHIN BOUNDARY SHALL BE CONNECTED TO DESIGNATED CIRCUIT BREAKER UNLESS OTHERWISE NOTED.

E100 REINSTALL EXISTING EXIT SIGN AND RECONNECT TO EXISTING LIGHTING CIRCUIT. EXTEND CONDUCTORS/CONDUIT AS REQUIRED. PROVIDE FIXTURE WITH NEW CAGE GUARD.

E127 ROUTE CIRCUIT THROUGH BUILDING MOUNTED PHOTOCELL FOR ON/OFF CONTROL OF EXTERIOR FIXTURES.

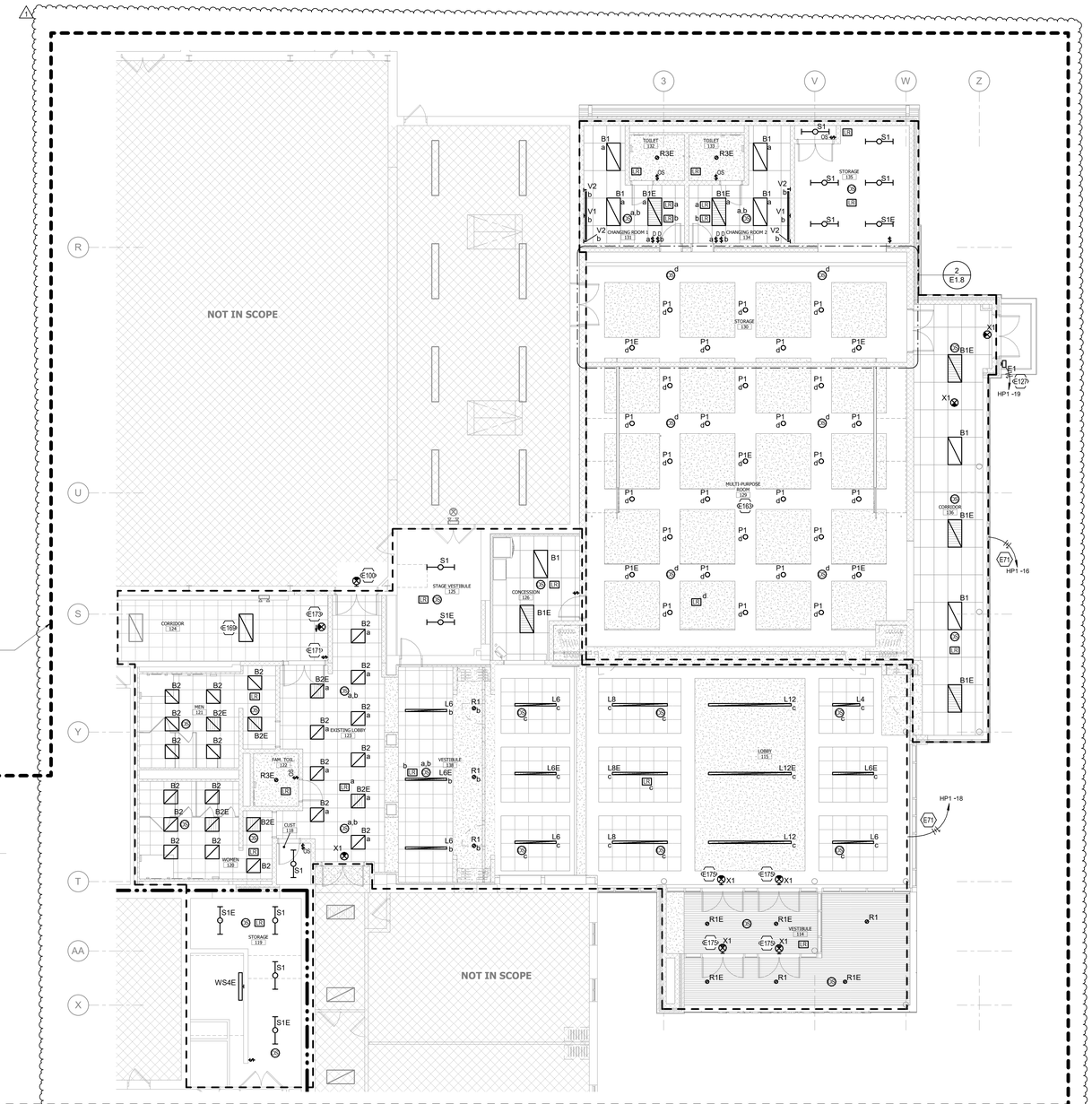
E163 MOUNT ALL LIGHT FIXTURES AND OCCUPANCY SENSORS IN THIS SPACE SUCH THAT THE BOTTOM SURFACE IS LEVEL WITH ACOUSTICAL TILES. IF FIXTURE/SENSOR IS LOCATED BETWEEN TWO TILES OF DIFFERING HEIGHTS, MOUNT AT HEIGHT OF HIGHER TILE.

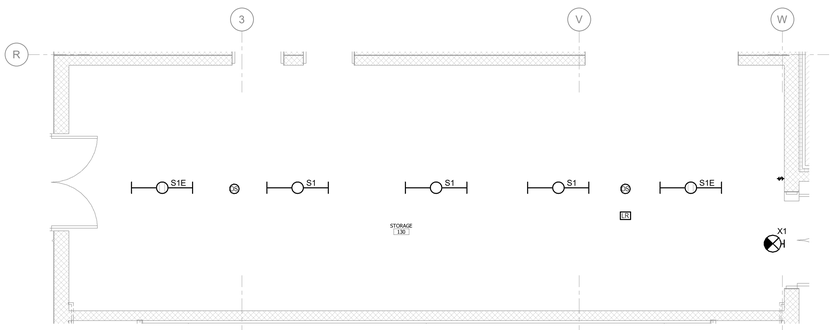
E169 REINSTALL EXISTING LIGHT FIXTURE AFTER COMPLETION OF CEILING CUTTING/PATCHING. RECONNECT TO EXISTING CIRCUIT AND VALIDATE SWITCHING FUNCTIONALITY IS PROPERLY RESTABLISHED.

E171 REINSTALL EXISTING LIGHT SWITCH AFTER COMPLETION OF CEILING CUTTING/PATCHING. RECONNECT TO EXISTING CIRCUIT AND VALIDATE SWITCHING FUNCTIONALITY IS PROPERLY RESTABLISHED.

E173 REINSTALL EXISTING EXIT SIGN AFTER COMPLETION OF CEILING CUTTING/PATCHING. RECONNECT TO EXISTING CIRCUIT.

E175 MOUNT EXIT SIGN TO TOP OF MULLION ABOVE DOOR FRAME. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALL.





2 CALLOUT VIEW - STORAGE 130 LIGHTING — 1/4" = 1'-0"

1 FIRST FLOOR NEW WORK LIGHTING PLAN - ADDITION — 1/8" = 1'-0"

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LIGHTING FIRST FLOOR NEW WORK - ADDITION

PLOT SCALE: As indicated
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

E1.8

LOW VOLTAGE SCOPE NOTE

UNLESS OTHERWISE NOTED, ALL NEW CAMERAS, DIGITAL CLOCKS, PAGING INTERCOM DEVICES, WAPs, CARD READERS, PUSH PLATES, DOOR POSITION SWITCHES AND MOTION SENSORS ARE TO BE PROVIDED BY OWNER. FOR EACH OF THESE DEVICES, ELECTRICAL CONTRACTOR SHALL PROVIDE A CAT6 DATA DROP IN 1" CONDUIT FROM NEAREST AVAILABLE NETWORK SWITCH AND TERMINATE NEATLY INTO CEILING/WALL AT LOCATION WHERE DEVICE IS SHOWN. ELECTRICAL CONTRACTOR SHALL COORDINATE FINAL LOCATION AND CONNECTION REQUIREMENTS FOR ALL DEVICES PRIOR TO ROUTING CAT6 CABLE.

1

GENERAL NOTES (SYSTEMS):

A. REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.

B. CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER NEC 310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER NEC 300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN NEC 100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.

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D. REFER TO "SYSTEM INSTALLATION MATRIX" (ON SYSTEMS LEGEND SHEET) AND SPECIFICATIONS FOR CONTRACTOR REQUIREMENTS OF EACH SYSTEM.

E. THE CONTRACTOR SHALL ROUTE ALL "SYSTEM CONDUIT STUB-UPS" TO THE NEAREST CORRIDOR CABLING PATH (SEE "STUB-UP" DETAILS). REFER TO CABLING PATH INSTALLATION DETAIL FOR ADDITIONAL REQUIREMENTS.

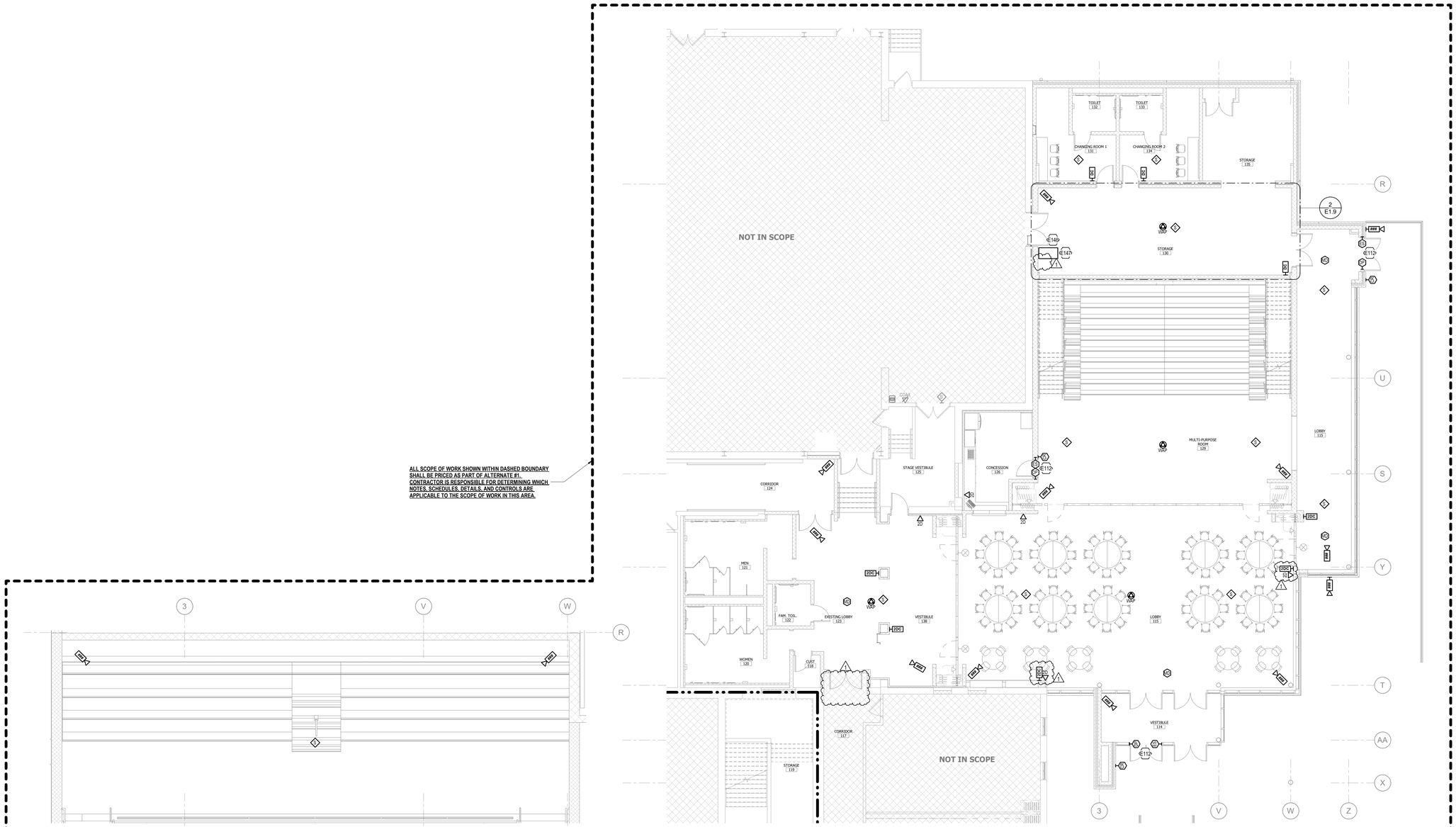
F. CONTRACTOR SHALL PAINT ALL SYSTEMS CONDUIT STUB-UPS LIGHT BLUE FOR SYSTEMS CABLING INTO THE CORRIDOR CABLING PATH. PROVIDE PULL STRINGS IN ALL NEW CONDUIT RUNS FOR SYSTEM CABLING INSTALLATION.

KEYNOTES

E112 PROVIDE ROUGH-IN FOR ALL DOOR HARDWARE DEVICES TO BE PROVIDED BY ACCESS CONTROL AND/OR DOOR HARDWARE CONTRACTORS.

E146 EXTEND 6-STRAND MULTIMODE FIBER CABLE FROM EXISTING IDF 112 TO NEW IT RACK IN STORAGE 130. PROVIDE IN 3/4" CONDUIT AS REQUIRED IN AREAS THAT ARE EXPOSED TO STRUCTURE.

E147 PROVIDE LOCKABLE RACKSOLUTIONS 151SW-4560 SERVER RACK CABINET. COORDINATE WITH OWNER FOR ORGANIZATION OF NETWORK SWITCHES WITHIN CABINET AND ORGANIZATION OF CABLING IN/OUT OF CABINET. COORDINATE FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION.



1 FIRST FLOOR NEW WORK SYSTEMS PLAN - ADDITION
1/4" = 1'-0"

2 CALLOUT VIEW - UPPER LEVEL SEATING SYSTEMS
1/4" = 1'-0"

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SYSTEMS FIRST FLOOR NEW WORK - ADDITION

PLOT SCALE: As indicated
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

E1.9

GENERAL NOTES (FIRE ALARM):

A. THIS RISER IS PARTIAL. ALL THE DEVICES CONNECTED TO THE "FACP" UNITS ARE NOT SHOWN. THE CONTRACTOR SHALL REFER TO THE ELECTRICAL FLOOR PLANS FOR THE COMPLETE FIRE ALARM SYSTEM.

B. THE EXTENT OF ALL FIRE ALARM SYSTEM WORK IS INDICATED OR IMPLIED ON THE CONTRACT DRAWINGS.

C. FIELD VERIFY THE EXACT NUMBER AND LOCATIONS OF ALL MECHANICALLY RELATED ITEMS (SPRINKLER CONNECTIONS, EXTINGUISHING SYSTEMS, SMOKE DAMPERS, RANGE HOOD SUPPRESSION SYSTEMS, ETC.) AND MAKE CONNECTIONS AS REQUIRED/INDICATED.

D. PROVIDE CONNECTIONS TO ALL FIRE PROTECTION TAMPER AND FLOW SWITCHES VIA ZONE ADDRESSABLE MODULES AS REQUIRED. CONTRACTOR SHALL VERIFY ALL LOCATIONS WITH FIRE PROTECTION SYSTEM SHOP DRAWINGS. CONTRACTOR SHALL PROVIDE A UNIT PRICE FOR COMPLETE INSTALLATION OF A CONNECTION TO EXISTING FIRE PROTECTION SWITCHES.

E. ALL FIRE ALARM STROBE LIGHTS SHALL BE SYNCHRONIZED TO ACCOMMODATE BUILDING STANDARDS AS REQUIRED.

F. TAP SPEAKERS TO PROVIDE SUFFICIENT AUDIBILITY FOR AREA SERVED.

G. SMOKE DETECTORS SHALL NOT BE LOCATED CLOSER THAN 36" TO SUPPLY, RETURN OR EXHAUST AIR OPENINGS NOR CLOSER THAN 12" TO WALL/ CEILING INTERSECTIONS.

H. ADDITIONAL DUCT DETECTORS MAY BE SHOWN ON MECHANICAL DRAWINGS. PROVIDE AND CONFIGURE DUCT DETECTOR(S) FOR EITHER SHUTDOWN OF EQUIPMENT OR CLOSURE OF SMOKE DAMPER(S) AS REQUIRED BY CODE.

GENERAL NOTES (FIRE ALARM):

O. PROVIDE CONNECTIONS TO NEW ACCESS CONTROL DOORS TO ALLOW POSITIVE LATCHING AND FREE EGRESS UNDER ALARM CONDITIONS. COORDINATE EXACT REQUIREMENTS WITH SUCCESSFUL DOOR HARDWARE MANUFACTURER PRIOR TO CONSTRUCTION.

P. PROVIDE ACCESS PANELS AS REQUIRED FOR MAINTENANCE AND TESTING FOR SMOKE DETECTORS LOCATED ABOVE INACCESSIBLE CEILINGS. COORDINATE SIZE AND LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

Q. PROVIDE APPROVED TESTING AND REQUIRED CERTIFICATION OF SYSTEM COMPONENTS AND PROVE OPERATION OF SYSTEM FOR THE AREA OF WORK WHEN COMPLETE.

R. WIRING TO ALL FIRE ALARM DEVICES SHALL BE PER NEC AND MANUFACTURER'S RECOMMENDATIONS. VERIFY ALL WIRING REQUIREMENTS WITH THE OWNER AND FIRE ALARM VENDOR.

S. ALL NEW DEVICES INDICATED, SUCH AS SMOKE DETECTORS, NOTIFICATION APPLIANCES, ETC., SHALL MATCH AND BE COMPATIBLE WITH EXISTING BUILDING SYSTEM.

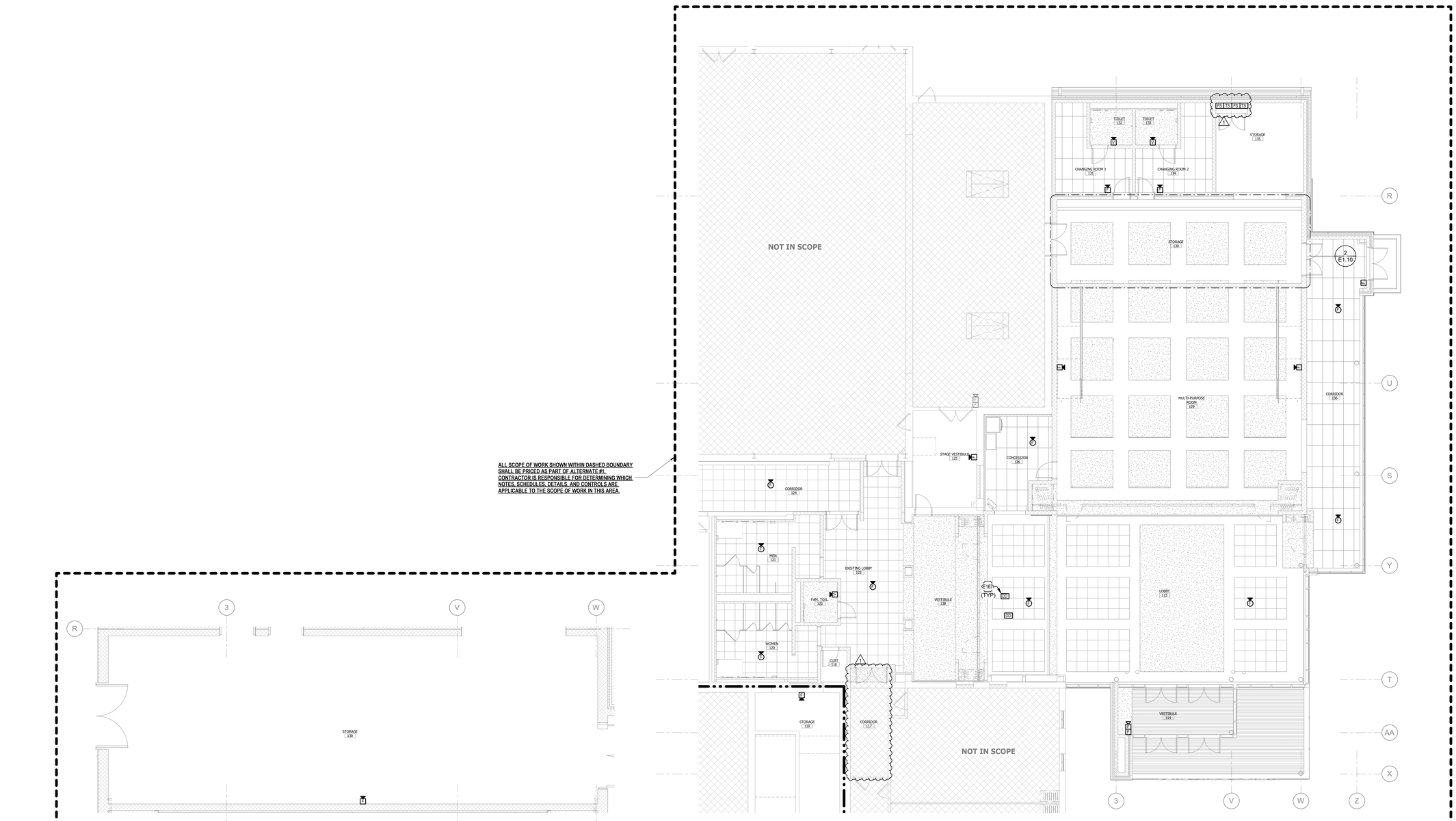
T. ALL 120V POWER FOR NEW FIRE ALARM SYSTEM COMPONENTS SHALL BE CONNECTED TO EMERGENCY LIFE-SAFETY BRANCH PANELS AS APPLICABLE. PROVIDE ALL NEW POWER CONNECTIONS AS REQUIRED FOR SYSTEM OPERATION.

U. PROVIDE A DEDICATED POWER CIRCUIT TO EACH FIRE ALARM EQUIPMENT PANEL OR POWER SUPPLY.

V. FIRE ALARM OCP DEVICES SHALL HAVE NON-REMOVABLE LOCKABLE HANDLE PAINTED RED.

KEYNOTES

E167 PROVIDE DUCT-MOUNTED SMOKE DETECTOR. PROVIDE FIRE ALARM CONNECTION TO DETECTOR. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH MECHANICAL CONTRACTOR.



2 CALLOUT VIEW - STORAGE 130 FIRE ALARM
1/4" = 1'-0"

1 FIRST FLOOR NEW WORK FIRE ALARM PLAN - ADDITION
1/8" = 1'-0"

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FIRE ALARM FIRST FLOOR NEW WORK - ADDITION

PLOT SCALE: As indicated
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

E1.10

DISTRIBUTION PANELBOARD AND WIRING SCHEDULE

PANEL: DP1 — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** MATCH EXISTING
VOLTAGE: 208Y/120V,3P,4W — **SPD:** No — **LOCATION:** EXISTING MECHANICAL 003
AMPERES: 600 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** (E)XFMR

NOTES	CIRCUIT DESCRIPTION	E CIRCUIT SIZE	OCP	P	CKT	A		B		C		CKT	P	OCP	E CIRCUIT SIZE	CIRCUIT DESCRIPTION	NOTES
	RELOCATED LOAD	--	30	2	1	0.6	0.5					2					
					3			0.6	0.5			4	3	20	--	RELOCATED LOAD	
	RELOCATED LOAD	--	20	3	5					1.0	0.5	6					
					7	0.5	0.5					8					
					9			0.5	0.5			10	3	20	--	RELOCATED LOAD	
	RELOCATED LOAD	--	70	3	11					1.7	0.5	12					
					13	1.7	1.0					14					
					15			1.7	1.0			16	3	40	--	RELOCATED LOAD	
	RELOCATED LOAD	--	30	3	17					0.7	1.0	18					
					19	0.7	1.0					20					
					21			0.7	1.0			22	3	40	--	RELOCATED LOAD	
	RELOCATED LOAD	--	40	3	23					1.0	1.0	24					
					25	1.0	2.0					26	2	70	--	RELOCATED LOAD	
					27			1.0	2.0			28					
	SPACE	--	--	--	29					2.4	--	30	1	--	--	SPACE	
	RELOCATED LOAD	--	100	3	31	2.4	1.2					32					
					33			2.4	1.2			34	3	30		GREENHOUSE	
					35						1.2	36					
	LP3		225	3	37	18.5	24.8					38					
					39			25.9	18.6			40	3	150		LP2	
					41					25.1	23.9	42					
						56.3 kVA		57.5 kVA		59.9 kVA							
						469 A		481 A		501 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	31870 VA	75.00%	23903 VA	**TOTAL CONNECTED LOAD:** 173771 VA
HVAC	50359 VA	75.00%	37769 VA	**TOTAL ESTIMATED DEMAND:** 142394 VA
LTNG	3072 VA	100.00%	3072 VA	**TOTAL CONNECTED CURRENT:** 482 A
REC	31640 VA	65.80%	20820 VA	**TOTAL ESTIMATED DEMAND CURRENT:** 395 A
RELOCATED LOADS	56830 VA	100.00%	56830 VA	**25 % ADDITIONAL CAPACITY:** 99 A
				TOTAL PANEL CURRENT: 494 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.

PANELBOARD AND WIRING SCHEDULE

PANEL: LP1 — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** 10 KAIC
VOLTAGE: 208Y/120V,3P,4W — **SPD:** No — **LOCATION:** STORAGE 119
AMPERES: 150 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** T1

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A		B		C		CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	RECEPTACLETS 120,121	1-#12, 1-#12, 1-#12	20	1	1	0.7	0.7					2	1	20	1-#12, 1-#12, 1-#12	REC 114,115	
	REC 115	1-#12, 1-#12, 1-#12	20	1	3			0.7	1.1			4	1	20	1-#12, 1-#12, 1-#12	REC 117,118,122-125,138	
	REC - CONCESSION 126	1-#12, 1-#12, 1-#12	20	1	5					0.2	1.2	6	1	20	1-#10, 1-#10, 1-#10	FRIDGE - 126	1
	REC - CONCESSION 126	1-#12, 1-#12, 1-#12	20	1	7	0.5	0.7					8	1	20	1-#10, 1-#10, 1-#10	REC & FB - 129	
	REC - 130, 135, & 136	1-#8, 1-#8, 1-#8	20	1	9			1.3	0.8			10	1	20	1-#10, 1-#10, 1-#10	RECEFAUCETS 131-134	
	REC - 201	1-#8, 1-#8, 1-#8	20	1	11					1.1	0.5	12	1	20	1-#12, 1-#12, 1-#12	REC 132	
	REC 133	1-#12, 1-#12, 1-#12	20	1	13	0.5	0.5					14	1	20	1-#12, 1-#12, 1-#12	REC	
	POPCORN MAKER 126	1-#12, 1-#12, 1-#12	20	1	15			1.0	0.5			16	1	20	1-#12, 1-#12, 1-#12	REC 134	
	REC 134	1-#12, 1-#12, 1-#12	20	1	17					0.5	0.5	18	1	20	1-#12, 1-#12, 1-#12	REC 134	
	REC 131	1-#12, 1-#12, 1-#12	20	1	19	0.5	0.5					20	1	20	1-#12, 1-#12, 1-#12	REC 131	
	REC 131	1-#12, 1-#12, 1-#12	20	1	21			0.5	0.1			22	1	15	1-#12, 1-#12, 1-#12	DOOR ACCESS HARDWARE 126	
	EXTERIOR REC	1-#10, 1-#10, 1-#10	20	1	23					0.7	0.3	24	1	20	1-#12, 1-#12, 1-#12	EXTERIOR LTNG	
	SERVICE REC ROOF	1-#10, 1-#10, 1-#10	20	1	25	0.5	0.3					26	1	15	1-#12, 1-#12, 1-#12	EF-1	
					27			0.8	0.8			28					
	SOU-1	3-#12, 1-#12, 1-#12	15	3	29					0.8	0.8	30	3	15	3-#12, 1-#12, 1-#12	SOU-1	
					31	0.8	0.8					32					
					33			0.8	0.8			34					
	SOU-1	3-#12, 1-#12, 1-#12	15	3	35					0.8	0.8	36	3	15	3-#12, 1-#12, 1-#12	SOU-1	
					37	0.8	0.8					38					
	EF-2	1-#12, 1-#12, 1-#12	15	1	39			0.3	0.5			40	1	15	1-#12, 1-#12, 1-#12	P-HWR-A CUST 118	
	REC 119	1-#12, 1-#12, 1-#12	20	1	41					0.2	0.2	42	1	20	1-#12, 1-#12, 1-#12	EWH-2 LEAK DETECTION	
⚠1	DOOR ACCESS HARDWARE 138	1-#12, 1-#12, 1-#12	15	1	43	0.2	0.1					44	1	15	1-#12, 1-#12, 1-#12	DOOR ACCESS HARDWARE 114	
⚠1	REC 130	1-#12, 1-#12, 1-#12	20	1	45			0.5	0.5			46	1	20	1-#12, 1-#12, 1-#12	ROLLER SHADES 129	
	REC 130	1-#12, 1-#12, 1-#12	20	1	47					0.5	1.0	48	1	20	1-#10, 1-#10, 1-#10	PROJECTOR & SCREEN 129	
					49							50					
					51							52					
					53							54					
					55							56					
					57							58					
					59							60					
					61							62					
					63							64					
					65							66					
					67							68					
					69							70					
					71							72					
	SPARE	--	20	1	73	0.0	0.0					74	1	20	--	SPARE	
	SPARE	--	20	1	75			0.0	0.0			76	1	20	--	SPARE	
	SPARE	--	20	1	77					0.0	0.0	78	1	20	--	SPARE	
	SPARE	--	20	1	79	0.0	0.0					80	1	20	--	SPARE	
	SPARE	--	20	1	81			0.0	0.0			82	1	20	--	SPARE	
	SPARE	--	20	1	83					0.0	0.0	84	1	20	--	SPARE	
						8.7 kVA		10.8 kVA		9.8 kVA							
						72 A		91 A		83 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	5000 VA	75.00%	3750 VA	**TOTAL CONNECTED LOAD:** 29271 VA
HVAC	9500 VA	75.00%	7125 VA	**TOTAL ESTIMATED DEMAND:** 23396 VA
LTNG	285 VA	100.00%	285 VA	**TOTAL CONNECTED CURRENT:** 81 A
REC	14500 VA	84.48%	12250 VA	**TOTAL ESTIMATED DEMAND CURRENT:** 65 A
				25 % ADDITIONAL CAPACITY: 16 A
				TOTAL PANEL CURRENT: 81 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. PROVIDE GFCI BREAKER.

PANELBOARD AND WIRING SCHEDULE

PANEL: LP3 — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** 10 KAIC
VOLTAGE: 208Y/120V,3P,4W — **SPD:** No — **LOCATION:** STORAGE 007
AMPERES: 225 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** DP1

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A		B		C		CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	REC 002	1-#10, 1-#10, 1-#10	20	1	1	1.3	1.0					2	1	20	1-#10, 1-#10, 1-#10	PRINTERS 002	
	REC 002	1-#12, 1-#12, 1-#12	20	1	3			0.2	0.7			4	1	20	1-#12, 1-#12, 1-#12	CORD REELS 002	1
	REC 002	1-#12, 1-#12, 1-#12	20	1	5					0.2	0.7	6	1	20	1-#12, 1-#12, 1-#12	CORD REELS 002	1
	REC 002	1-#12, 1-#12, 1-#12	20	1	7	0.4	0.7					8	1	20	1-#12, 1-#12, 1-#12	CORD REELS 002	1
	REC 002	1-#12, 1-#12, 1-#12	20	1	9			0.4	0.7			10	1	20	1-#12, 1-#12, 1-#12	REC 001,007	
	BANDSAW 002	1-#10, 1-#10, 1-#10	20	1	11					1.3	0.4	12	1	20	1-#12, 1-#12, 1-#12	GRINDER 002	
	DRILL PRESS 002	1-#12, 1-#12, 1-#12	20	1	13	1.1	0.1					14	1	20	1-#12, 1-#12, 1-#12	SINK 002	
	MITER SAW 002	1-#8, 1-#8, 1-#8	20	1	15			1.8	1.8			16	1	20	1-#8, 1-#8, 1-#8	AIR COMPRESSOR 002	
	REC 004	1-#12, 1-#12, 1-#12	20	1	17					0.7	1.0	18	1	20	1-#12, 1-#12, 1-#12	PRINTERS 004	
1	CORD REELS 004	1-#12, 1-#12, 1-#12	20	1	19	0.7	0.7					20	1	20	1-#12, 1-#12, 1-#12	REC DESIGN LAB 004	
	REC 004	1-#12, 1-#12, 1-#12	20	1	21			1.0	1.0			22	2	20	2-#12, 1-#12, 1-#12	MOTORIZED LIFT 006	
	PRINTER 004	1-#12, 1-#12, 1-#12	20	1	23					0.4	1.0	24					
	REC 005	1-#12, 1-#12, 1-#12	20	1	25	0.5	0.2					26	1	20	1-#12, 1-#12, 1-#12	REC 002	
	PRINTERS 005	1-#12, 1-#12, 1-#12	20	1	27			0.4	0.4			28	1	20	1-#12, 1-#12, 1-#12	REC 005	
	REC 005	1-#12, 1-#12, 1-#12	20	1	29					0.4	0.2	30	1	20	1-#12, 1-#12, 1-#12	ELEVATOR REC	
1	CORD REELS 005	1-#12, 1-#12, 1-#12	20	1	31	0.7	1.0					32	1	20	1-#12, 1-#12, 1-#12	ELEVATOR CONTROLS	
	ELEVATOR REC	1-#12, 1-#12, 1-#12	20	1	33			0.2	0.3			34	1	15	1-#12, 1-#12, 1-#12	P-HWR-R 003	
	EXTERIOR REC	1-#12, 1-#12, 1-#12	20	1	35					0.5	0.1	36	1	20	1-#12, 1-#12, 1-#12	LTNG	
	INDOOR VRF UNITS	2-#12, 1-#12, 1-#12	20	2	37	0.5	0.1					38	1	20	1-#12, 1-#12, 1-#12	EXTERIOR LTNG	
					39			0.5	0.7			40	1	20	1-#12, 1-#12, 1-#12	REC 005	
	INTERIOR LTNG	1-#12, 1-#12, 1-#12	20	1	41					0.9	1.0	42					
	VRF CONDENSATE PUMPS	1-#12, 1-#12, 1-#12	15	1	43	0.1	1.0					44	3	20	3-#12, 1-#12, 1-#12	EUH-1 002	
					45			1.0	1.0			46					
	EUH-1 002	3-#12, 1-#12, 1-#12	20	3	47					1.0	0.7	48	1	20	1-#12, 1-#12, 1-#12	REC 002	
					49	1.0	0.6					50	2	20	2-#12, 1-#12, 1-#12	MOTORIZED COILING DOOR 002	
	REC 002	1-#12, 1-#12, 1-#12	20	1	51			0.2	0.6			52					
	REC 002	1-#12, 1-#12, 1-#12	20	1	53					0.2	0.1	54	1	15	1-#12, 1-#12, 1-#12	DOOR ACCESS HARDWARE 001,002	
	REC 002	1-#12, 1-#12, 1-#12	20	1	55	0.2	0.7					56	1	20	1-#12, 1-#12, 1-#12	CORD REELS 005	1
	WELDING STATION 002	2-#6, 1-#6, 1-#6	50	2	57			3.8	0.2			58	1	20	1-#12, 1-#12, 1-#12	REC 002	
					59					3.8	0.4	60	1	20	1-#12, 1-#12, 1-#12	REC 004	
	DOOR ACCESS HARDWARE 003	1-#12, 1-#12, 1-#12	15	1	61	0.1	0.6					62					
⚠1	MOTORIZED DAMPER 002	1-#12, 1-#12, 1-#12	15	1	63			0.2	0.6			64	3	15	3-#12, 1-#12, 1-#12	WFC-1 002	
	REC 004	1-#12, 1-#12, 1-#12	20	1	65					1.0	0.6	66					
	REC 004	1-#12, 1-#12, 1-#12	20	1	67	1.0						68					
					69					4.2		70	2	100	--	RELOCATED LOAD	
	RELOCATED LOAD	--	20	2	71					0.8	4.2	72					
					73	0.8	1.5					74	2	35	--	RELOCATED LOAD	
	RELOCATED LOAD	--	20	1	75			1.0	1.5			76					
	RELOCATED LOAD	--	20	1	77					1.0	1.0	78	1	20	--	RELOCATED LOAD	
	RELOCATED LOAD	--	20	1	79	1.0	1.0					80	1	20	--	RELOCATED LOAD	
	RELOCATED LOAD	--	20	1	81			1.0	0.8			82	2	20	--	RELOCATED LOAD	
	RELOCATED LOAD	--	20	1	83					1.0	0.8	84					
						18.5 kVA		25.9 kVA		25.1 kVA							
						154 A		224 A		218 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	20250 VA	75.00%	15188 VA	**TOTAL CONNECTED LOAD:** 69472 VA
HVAC	7511 VA	75.00%	5633 VA	**TOTAL ESTIMATED DEMAND:** 57832 VA
LTNG	1031 VA	100.00%	1031 VA	**TOTAL CONNECTED CURRENT:** 193 A
REC	19400 VA	75.77%	14700 VA	**TOTAL ESTIMATED DEMAND CURRENT:** 161 A
RELOCATED LOADS	21280 VA	100.00%	21280 VA	**25 % ADDITIONAL CAPACITY:** 40 A
				TOTAL PANEL CURRENT: 201 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. PROVIDE GFCI BREAKER.

PANELBOARD AND WIRING SCHEDULE

PANEL: (E)LB — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** EXISTING
VOLTAGE: 208Y/120V,3P,4W — **SPD:** — **LOCATION:**
AMPERES: 225 A — **MOUNTING:** SURFACE — **SUPPLY FROM:**

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A		B		C		CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	REC 144,147	**1-#10, 1-#10, 1-#10**	20	1	1	**1.8**	0.0					2	1	20	--	EXISTING LOAD	
	EXISTING LOAD	--	20	1	3			0.0	0.0			4	1	20	--	EXISTING LOAD	
	EXISTING LOAD	--	20	1	5					0.0	0.0	6	1	20	--	EXISTING LOAD	
	EXISTING LOAD	--	20	1	7	0.0	0.0					8	1	20	--	EXISTING LOAD	
	REC 144,145	**1-#8, 1-#8, 1-#8**	20	1	9			**1.6**	0.0			10	1	20	--	EXISTING LOAD	
	EXISTING LOAD	--	20	1	11					0.0	0.0	12	1	20	--	EXISTING LOAD	
	REC 143	**1-#10, 1-#10, 1-#10**	20	1	13	**1.2**	0.0					14	1	20	--	EXISTING LOAD	
	EXISTING LOAD	--	20	1	15			0.0	0.0			16	1	20	--	EXISTING LOAD	
	REC 142,143	1-#10, 1-#10, 1-#10	20	1	17					**0.8**	0.0	18	1	20	--	EXISTING LOAD	
	EXISTING LOAD	--	20	1	19	0.0	**0.5**					20	1	20	**1-#12, 1-#12, 1-#12**	**REC 149**	
	SPARE	--	20	1	21			0.0	**1.0**			22	1	20	**1-#12, 1-#12, 1-#12**	**REC 151**	
	SPARE	--	20	1	23					0.0	**0.7**	24	1	20	**1-#12, 1-#12, 1-#12**	**REC 152**	
	PRINTER 151	**1-#10, 1-#10, 1-#10**	20	1	25	**1.5**	0.0					26	1	20	--	EXISTING LOAD	
	PRINTER 145	**1-#8, 1-#8, 1-#8**	20	1	27			**1.5**	0.0			28	1	20	--	EXISTING LOAD	
	FRIDGE 147	**1-#12, 1-#12, 1-#12**	20	1	29					**0.6**	0.0	30	1	20	--	EXISTING LOAD	
	SPARE	--	20	1	31	0.0	0.0					32	1	20	--	SPARE	
	SPARE	--	20	1	33			0.0	0.0			34	1	20	--	SPARE	
	SPARE	--	20	1	35					0.0	0.0	36	1	20	--	SPARE	
					37	0.0	0.0					38					
	EXISTING LOAD	--	20	3	39			0.0	0.0			40	3	20	--	EXISTING LOAD	
					41					0.0	0.0	42					
						5.1 kVA		4.0 kVA		2.1 kVA							
						45 A		36 A		17 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	1650 VA	75.00%	1238 VA	**TOTAL NEW CONNECTED LOAD:** 11190 VA
REC	9540 VA	100.00%	9540 VA	**TOTAL ESTIMATED NEW DEMAND:** 10778 VA
				TOTAL NEW CONNECTED CURRENT: 31 A
				TOTAL ESTIMATED NEW DEMAND CURRENT: 30 A
				25 % ADDITIONAL CAPACITY: 7 A
				TOTAL PANEL CURRENT: 37 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.

PANELBOARD AND WIRING SCHEDULE

PANEL: LP2 — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** 10 KAIC
VOLTAGE: 208Y/120V,3P,4W — **SPD:** No — **LOCATION:** EXISTING IDF 112
AMPERES: 225 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** DP1

NOTES	CIRCUIT DESCRIPTION	HOT, NEUT, GND	OCP	P	CKT	A		B		C		CKT	P	OCP	HOT, NEUT, GND	CIRCUIT DESCRIPTION	NOTES
	SINK STATIONS 109	1-#10, 1-#10, 1-#10	20	1	1	1.2	0.9					2	1	20	1-#12, 1-#12, 1-#12	REC 109	
1	CORD REELS 109	1-#12, 1-#12, 1-#12	20	1	3			0.4	0.4			4	1	20	1-#12, 1-#12, 1-#12	CORD REELS 109	1
	EQUIP SCIENCE LAB 109	1-#12, 1-#12, 1-#12	20	1	5					0.4	0.9	6	1	20	1-#12, 1-#12, 1-#12	REC 109	
	SINK STATIONS 107	1-#10, 1-#10, 1-#10	20	1	7	1.4	1.4					8	1	20	1-#12, 1-#12, 1-#12	REC 107	
	SINK STATIONS 107	1-#12, 1-#12, 1-#12	20	1	9			1.2	0.2			10	1	20	1-#12, 1-#12, 1-#12	CAMERA 101	
1	CORD REELS 107	1-#12, 1-#12, 1-#12	20	1	11					0.4	0.4	12	1	20	1-#12, 1-#12, 1-#12	CORD REELS 107	1
1	CORD REELS 107	1-#12, 1-#12, 1-#12	20	1	13	0.4	0.4					14	1	20	1-#12, 1-#12, 1-#12	CORD REELS 107	1
1	FRIDGE 108	1-#12, 1-#12, 1-#12	20	1	15			0.2	0.4			16	1	20	1-#12, 1-#12, 1-#12	REC 108	
	REC 105,108,111	1-#12, 1-#12, 1-#12	20	1	17					0.9	0.9	18	1	20	1-#12, 1-#12, 1-#12	REC 111	
	REC 101	1-#12, 1-#12, 1-#12	20	1	19	0.7	0.2					20	1	20	1-#12, 1-#12, 1-#12	REC 112	
	REC 101	1-#12, 1-#12, 1-#12	20	1	21			0.4	0.2			22	1	20	1-#12, 1-#12, 1-#12	REC 112	
	REC 110	1-#12, 1-#12, 1-#12	20	1	23					1.1	0.5	24	1	20	1-#12, 1-#12, 1-#12	REC 110	
	REC 110	1-#12, 1-#12, 1-#12	20	1	25	0.7	0.7					26	1	20	1-#12, 1-#12, 1-#12	REC 110	
	REC 110	1-#12, 1-#12, 1-#12	20	1	27			0.7	0.4			28	1	20	1-#12, 1-#12, 1-#12	EXTERIOR REC	
					29					0.9	5.6	30					
	INDOOR VRF UNITS	2-#12, 1-#12, 1-#12	20	2	31	0.9	5.6					32	3	60	3-#6, 1-#6, 1-#10	ERV-1	
	EXTERIOR LTNG	1-#12, 1-#12, 1-#12	20	1	33			0.1	5.6			34					
	INTERIOR LTNG	1-#10, 1-#10, 1-#10	20	1	35					1.6	0.1	36	1	20	1-#12, 1-#12, 1-#12	DOOR ACCESS HARDWARE 107,109	
	SINK STATIONS 109	1-#12, 1-#12, 1-#12	20	1	37	1.2	0.2					38	1	20	1-#12, 1-#12, 1-#12	CAMERA 101	
	INTERIOR LTNG 101	1-#12, 1-#12, 1-#12	20	1	39			0.3	7.1			40					
	SERVICE REC ROOF	1-#12, 1-#12, 1-#12	20	1	41					0.4	7.1	42	3	80	3-#4, 1-#4, 1-#8	OU-1	
	REC 112	1-#12, 1-#12, 1-#12	20	1	43	0.2	7.1					44					
	REC 112	1-#12, 1-#12, 1-#12	20	1	45			0.2	0.1			46	1	15	1-#12, 1-#12, 1-#12	DOOR ACCESS HARDWARE 112	
	SOU-2	2-#12, 1-#12, 1-#12	20	2	47					1.5	0.4	48	1	20	1-#12, 1-#12, 1-#12	ROLLER SHADES 109,110	
					49	1.5	0.2					50	1	20	1-#12, 1-#12, 1-#12	SMOKE DAMPERS	
	RELOCATED LOAD	--	20	1	51			0.5	0.5			52	1	20	--	RELOCATED LOAD	
⚠1	RELOCATED LOAD	--	20	1	53					0.5	0.5	54	1	20	--	RELOCATED LOAD	
	SPARE	--	20	1	55	0.0	0.0					56	1	20	--	SPARE	
	SPARE	--	20	1	57			0.0	0.0			58	1	20	--	SPARE	
	SPARE	--	20	1	59					0.0	0.0	60	1	20	--	SPARE	
						24.8 kVA		18.6 kVA		23.9 kVA							
						213 A		155 A		206 A							

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	PANEL TOTALS
EQUIP	8120 VA	75.00%	6090 VA	**TOTAL CONNECTED LOAD:** 67249 VA
HVAC	42848 VA	75.00%	32136 VA	**TOTAL ESTIMATED DEMAND:** 53387 VA
LTNG	2041 VA	100.00%	2041 VA	**TOTAL CONNECTED CURRENT:** 187 A
REC	12240 VA	90.85%	11120 VA	**TOTAL ESTIMATED DEMAND CURRENT:** 148 A
RELOCATED LOADS	2000 VA	100.00%	2000 VA	**25 % ADDITIONAL CAPACITY:** 37 A
				TOTAL PANEL CURRENT: 185 A

NOTES: WHERE NOT LISTED, WIRE AND CONDUIT SHALL BE BE MINIMUM PER SPECIFICATIONS. SPARE BREAKERS TO BE 20A/1P.
1. PROVIDE GFCI BREAKER.

PANELBOARD AND WIRING SCHEDULE

PANEL: HP1 — **MAINS TYPE:** MCB — **PANEL INTERRUPTING RATING:** 14 KAIC
VOLTAGE: 480Y/277V,3P,4W — **SPD:** No — **LOCATION:** STORAGE 119
AMPERES: 150 A — **MOUNTING:** SURFACE — **SUPPLY FROM:** (E)SB

| NOTES | CIRCUIT DESCRIPTION | HOT, NEUT, GND | OCP | P | CKT | A | | B | | C | | CKT | P

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM #1

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	BASIS OF DESIGN	MANUFACTURER	MOUNTING	LAMPS / CCT	MINIMUM LUMENS	MAXIMUM WATTAGE	VOLTAGE	REMARKS
B1	2X4 RECESSED LED TROFFER	2BLT4-40L-ADP-277-GZ1-LP840	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	4000	32	<varies>	
B1E	2X4 RECESSED LED TROFFER WITH BACKUP BATTERY (EMERGENCY)	2BLT4-40L-ADP-277-GZ1-LP840-EL14L	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	4000	32	<varies>	CONNECT BATTERY BEFORE SWITCHING.
B2	2X2 RECESSED LED TROFFER	2BLT2-20L-ADP-GZ1-LP840	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	2000	27	<varies>	
B2E	2X2 RECESSED LED TROFFER WITH BACKUP BATTERY (EMERGENCY)	2BLT2-20L-ADP-GZ1-LP840-EL14L	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	2000	27	<varies>	
B3	2X4 RECESSED INDIRECT LED TROFFER	2BZL4-40L-EZ1-LP840	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	4000	36	120	
B3E	2X4 RECESSED INDIRECT LED TROFFER WITH BACKUP BATTERY (EMERGENCY)	2BZL4-40L-EZ1-LP840-EL14L	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	4000	36	120	CONNECT BATTERY BEFORE SWITCHING.
B4	2X2 RECESSED LED TROFFER	2BLT2-33L-ADP-GZ1-LP840	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	3300	27	120	
B4E	2X2 RECESSED LED TROFFER WITH BACKUP BATTERY (EMERGENCY)	2BLT2-33L-ADP-GZ1-LP840-EL14L	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	3300	27	120	
E1	EXTERIOR WALL PACK WITH BACKUP BATTERY (EMERGENCY)	TWPX1 P2 40K MVOLT XXXXX	LITHONIA	SURFACE	INTEGRAL LEDS / 4000K	2700	22	<varies>	ARCHITECT TO SELECT FINISH. PROVIDE WITH COMPATIBLE REMOTE BATTERY PACK WITH MINIMUM OUTPUT POTENTIAL OF 700 LUMENS. CONNECT BATTERY BEFORE SWITCHING.
E2	EXTERIOR BOLLARD	DSXB LED 16C 350 30K SYM MVOLT XXXXX	LITHONIA		INTEGRAL LEDS / 4000K	1500	15	120	ARCHITECT TO SELECT FINISH. PROVIDE POLE BASE PER MANUFACTURER'S RECOMMENDATIONS.
L4	4"X4' RECESSED LINEAR	SL4L LOP 4FT FLP FL 80CRI 40K 1000LMF MIN1 277V 0 10V	MARK	RECESSED	INTEGRAL LEDS / 4000K	4000	40	277	ARCHITECT TO CONFIRM FINISH.
L6	4"X6' RECESSED LINEAR	SL4L LOP 6FT FLP FL 80CRI 40K 1000LMF MIN1 277V 0 10V	MARK	RECESSED	INTEGRAL LEDS / 4000K	6000	60	<varies>	ARCHITECT TO CONFIRM FINISH.
L6E	4"X6' RECESSED LINEAR WITH BACKUP BATTERY (EMERGENCY)	SL4L LOP 6FT FLP FL 80CRI 40K 1000LMF MIN1 277V 0 10V 1E10WLCP	MARK	RECESSED	INTEGRAL LEDS / 4000K	6000	60	<varies>	ARCHITECT TO CONFIRM FINISH. CONNECT BATTERY BEFORE SWITCHING.
L8	4"X8' RECESSED LINEAR	SL4L LOP 8FT FLP FL 80CRI 40K 1000LMF MIN1 277V 0 10V	MARK	RECESSED	INTEGRAL LEDS / 4000K	8000	80	277	ARCHITECT TO CONFIRM FINISH.
L8E	4"X8' RECESSED LINEAR WITH BACKUP BATTERY (EMERGENCY)	SL4L LOP 8FT FLP FL 80CRI 40K 1000LMF MIN1 277V 0 10V 1E10WLCP	MARK	RECESSED	INTEGRAL LEDS / 4000K	8000	80	277	ARCHITECT TO CONFIRM FINISH. CONNECT BATTERY BEFORE SWITCHING.
L12	4"X6' RECESSED LINEAR	SL4L LOP 12FT FLP FL 80CRI 40K 1000LMF MIN1 277V 0 10V	MARK	RECESSED	INTEGRAL LEDS / 4000K	12000	120	277	ARCHITECT TO CONFIRM FINISH.
L12E	4"X6' RECESSED LINEAR	SL4L LOP 12FT FLP FL 80CRI 40K 1000LMF MIN1 277V 0 10V 1E10WLCP	MARK	RECESSED	INTEGRAL LEDS / 4000K	12000	120	277	ARCHITECT TO CONFIRM FINISH. CONNECT BATTERY BEFORE SWITCHING.
P1	6" PENDANT DOWNLIGHT	LDN6CYL 40/40 L06AR LSS MVOLT GZ1 PM XXX	LITHONIA	PENDANT	INTEGRAL LEDS / 4000K	4000	40	277	
P1E	6" PENDANT DOWNLIGHT WITH BACKUP BATTERY (EMERGENCY)	LDN6CYL 40/40 L06AR LSS MVOLT GZ1 PM XXX	LITHONIA	PENDANT	INTEGRAL LEDS / 4000K	4000	40	277	PROVIDE WITH COMPATIBLE REMOTE BATTERY PACK WITH MINIMUM OUTPUT POTENTIAL OF 1500 LUMENS.
R1	4" RECESSED DOWNLIGHT	LDN4 40/20 LO4AR LSS TRW MVOLT GZ1	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	2000	21	277	ARCHITECT TO CONFIRM TRIM COLOR/FINISH AND FLANGE COLOR.
R1E	4" RECESSED DOWNLIGHT WITH BACKUP BATTERY (EMERGENCY)	LDN4 40/20 LO4AR LSS TRW MVOLT GZ1 EL	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	2000	21	277	CONNECT BATTERY BEFORE SWITCHING.
R2	4" RECESSED DOWNLIGHT	LDN4 40/10 LO4AR LSS TRW MVOLT GZ1	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	1000	10	120	
R3E	4" RECESSED DOWNLIGHT WITH BACKUP BATTERY (EMERGENCY)	LDN4 40/05 LO4AR LSS TRW MVOLT GZ1 EL	LITHONIA	RECESSED	INTEGRAL LEDS / 4000K	500	6	277	CONNECT BATTERY BEFORE SWITCHING.
S1	4' UTILITY STRIP	CLX-L48-3000LM-SEF-WDL-MVOLT-GZ1-40K-80CRI	LITHONIA	SURFACE	INTEGRAL LEDS / 4000K	3000	19	277	
S1E	4' UTILITY STRIP CONNECTED WITH BATTERY (EMERGENCY)	CLX-L48-3000LM-SEF-WDL-MVOLT-GZ1-40K-80CRI-E10WLCP	LITHONIA	SURFACE	INTEGRAL LEDS / 4000K	3000	19	277	CONNECT BATTERY BEFORE SWITCHING.
S2	4' UTILITY STRIP	CLX-L48-5000LM-SEF-WDL-MVOLT-GZ1-40K-80CRI	LITHONIA	SUSPENDED	INTEGRAL LEDS / 4000K	5000	32	120	PROVIDE WITH HC36 M12 ACCESSORY.
S2E	4' UTILITY STRIP CONNECTED WITH BATTERY (EMERGENCY)	CLX-L48-5000LM-SEF-WDL-MVOLT-GZ1-40K-80CRI-E10WLCP	LITHONIA	SUSPENDED	INTEGRAL LEDS / 4000K	5000	32	120	PROVIDE WITH HC36 M12 ACCESSORY. CONNECT BATTERY BEFORE SWITCHING.
T	TRACK LIGHTING	R606L 40K 90 CRI PDIM FL XX	JUNO	TRACK	INTEGRAL LEDS / 4000K	1300	13	120	ARCHITECT TO SELECT FINISH. COORDINATE WITH OWNER FOR DETERMINING ALL NECESSARY ACCESSORIES. PROVIDE WITH COMPATIBLE DRIVER FOR DIMMING.
UC	UNDERCABINET	UPLD 30IN SWW4 90CRI XX	JUNO	SURFACE	INTEGRAL LEDS / SWITCHABLE	1100	15	120	
V1	7' MIRROR STRIP	707 Z2 SL 7 12 C 0 RP10 AE 2 0 Z SO 409 S6 0 WH	VODE	SURFACE	INTEGRAL LEDS / 4000K	3300	46	277	
V2	4' MIRROR STRIP	707 Z2 SL 4 45 C 0 RP10 AE 2 0 Z SO 409 S6 0 WH	VODE	SURFACE	INTEGRAL LEDS / 4000K	1800	26	277	
WS4E	4' STAIRWELL/ELEVATOR PIT FIXTURE	WL4-40L-MVOLT-EZ1-LP840-MSD7-DIM50-EL14L	LITHONIA	SURFACE	INTEGRAL LEDS / 4000K	4325	40	<varies>	CONNECT BATTERY BEFORE SWITCHING.
X1	EXIT SIGN - SINGLE FACE	EDG-1-RMR-EL	LITHONIA	CEILING	N/A	N/A	2	120	

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LIGHTING FIXTURE SCHEDULE

PLOT SCALE:

FILENAME: RSMR22

DATE: 01/24/2024

PROJECT 3636

E3.2

GENERAL NOTES (DEMOLITION):

A. DOTTED LINES INDICATE ITEMS FOR REMOVAL (UON) AND GRAY SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.

B. DEVICES INDICATED WITH AN "R" SHALL BE RELOCATED. REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXTEND ALL EXISTING CABLING TO NEW LOCATION. CLEAN AND RE-LAMP RELOCATED LUMINAIRES.

C. THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF EXISTING CIRCUITS THAT CONTAIN DEVICES OR EQUIPMENT THAT ARE TO REMAIN. WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS: THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE- DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.

D. LOCATIONS OF DEVICES, CONNECTIONS, ETC., INDICATED ON THIS DRAWING WERE TAKEN FROM VARIOUS SOURCES. THEY ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO VARIATION FROM EXISTING CONDITIONS. CERTAIN EXISTING ELEMENTS MAY NOT BE INDICATED AT ALL. THE CONTRACTOR PROPOSING TO DO ANY PART OF THE WORK INDICATED HEREON SHALL VISIT THIS SITE AND DETERMINE TO HIS SATISFACTION THAT THEY MAY COMPLETE ALL WORK REQUIRED FOR THE BID WHICH HE PROPOSES.

E. REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON). CONTRACTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILINGS WHERE DEVICES ARE SHOWN TO BE REMOVED (PATCH AND REPAIR TO RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS).

F. COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.

G. COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.

H. PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION BARRIERS AS REQUIRED.

I. CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILINGS AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.

J. UNUSED/ABANDONED CONDUCTORS DISCOVERED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NEC REQUIREMENTS.

K. EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND EQUIPMENT SHOWN ON PLANS.

L. CONTRACTOR SHALL SEAL ALL EXISTING AND NEW PENETRATIONS OF BUILDING ENVELOPE (EXTERIOR WALLS, ROOF, ETC.) WATER-TIGHT AND AS APPROVED BY ARCHITECT AND ENGINEER. ROOFING SHALL BE RESTORED BY A LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING MANUFACTURER AS REQUIRED TO MAINTAIN ROOF WARRANTY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

M. ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK SHALL BE PROVIDED WITH NEW TYPE-WRITTEN PANEL DIRECTORIES AND INSERT SLEEVES. PANEL DIRECTORIES SHALL NOT USE ROOM NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, FINAL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF POSITION.

KEYNOTES

E1 EXISTING LIFTMASTER SYSTEM SHALL BE DEMOLISHED IN ITS ENTIRETY.
E4 EXISTING PRIMARY FOR 112.5 KVA TRANSFORMER IN BOILER ROOM TO REMAIN.
E6 SALVAGE 200A ENCLOSED CIRCUIT BREAKER DURING DEMOLITION AND TURN OVER TO OWNER.
E7 DEMOLISH EXISTING LOAD CENTER. DEMOLISH FEEDER CONDUCTORS/CONDUIT BACK TO SOURCE. DEMOLISH ASSOCIATED BREAKER IN SOURCE PANEL AND REPLACE WITH SPACE COVER. RELOCATE ALL CIRCUITS SERVING EXISTING-TO-REMAIN LOADS TO NEW BRANCH PANEL "LP3"; FOR BIDDING PURPOSES, ASSUME RELOCATION OF (6) 20A/1P CIRCUITS AND (1) 20A/2P CIRCUIT.
E8 DEMOLISH EXISTING PANELBOARD. DEMOLISH FEEDER CONDUCTORS/CONDUIT BACK TO SOURCE. RELOCATE ALL CIRCUITS SERVING EXISTING-TO-REMAIN LOADS TO NEW BRANCH PANEL "LP3"; FOR BIDDING PURPOSES, ASSUME RELOCATION OF (1) 100A/2P CIRCUIT, (1) 35A/2P CIRCUIT, (1) 20A/2P CIRCUIT, AND (1) 20A/1P CIRCUIT.
E11 DEMOLISH EXISTING PLUGMOLD STRIP.
E12 DEMOLISH CIRCUIT SERVING SPLIT SYSTEM CONDENSATE PUMP.
E13 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF NETWORK SWITCH. REFEED ALL EXISTING-TO-REMAIN DEVICES FROM NETWORK SWITCH IN EXISTING IDF 112.
E14 OWNER TO REMOVE EXISTING PROMETHEAN BOARD PRIOR TO DEMOLITION/CONSTRUCTION AND REINSTALL AT NEW LOCATION AS SHOWN ON NEW WORK PLAN.
E15 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF STANDING TOUCHSCREEN DISPLAY.
E16 REMOVE EXISTING PAGING INTERCOM ROOM CONTROLLER AND ASSOCIATED CALL BUTTON DURING DEMOLITION/CONSTRUCTION AND REINSTALL IN NEW SPACE. REMOVE EXISTING CAT6 CABLING BACK TO ASSOCIATED NETWORK SWITCH. REFER TO NEW WORK PLANS FOR NEW LOCATION.
E17 DEMOLISH CEILING-MOUNTED DUPLEX RECEPTACLE AND CORD REEL ASSEMBLY.

KEYNOTES

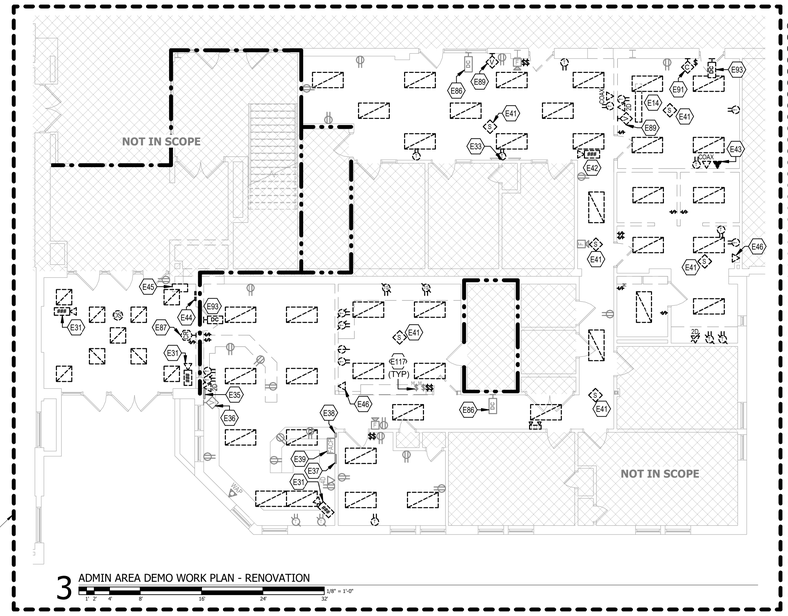
E18 SALVAGE RING CAMERA/DOORBELL FOR THIS SPACE, AS WELL AS ANY ASSOCIATED DEVICES WITHIN SPACE, AND TURN OVER TO OWNER.
E20 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF PROJECTOR.
E21 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF SMART BOARD.
E22 OWNER TO REMOVE 3D PRINTER AND RELOCATE TO NEW LOCATION AS SHOWN ON NEW WORK PLAN.
E28 LIGHT FIXTURE MOUNTED ABOVE PLATFORM STRUCTURE.
E29 EXISTING INCANDESCENT LIGHT FIXTURE TO REMAIN.
E30 DEMOLISH EXISTING INCANDESCENT LIGHT FIXTURE.
E31 REMOVE EXISTING CAMERA DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT SAME APPROXIMATE LOCATION IN NEW CEILING.
E33 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF LCD DISPLAY.
E34 REFEED EXISTING-TO-REMAIN CAMERA FROM NETWORK SWITCH IN EXISTING IDF 112 PRIOR TO START OF DEMOLITION. REMOVE EXISTING CAMERA DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT SAME APPROXIMATE LOCATION WITH CURRENT LENS DIRECTION ON NEW EXTERIOR CANOPY. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION. COORDINATE TIMING OF REMOVAL AND REINSTALLATION WITH OWNER AND ARCHITECT TO MINIMIZE TIME DURING WHICH CAMERAS ARE NON-OPERATIONAL.
E35 EXISTING AUDIO ENHANCEMENT EPIC SYSTEM KIOSK TO REMAIN. REMOVE/COVER AS NECESSARY TO PROTECT DURING DEMOLITION AND CONSTRUCTION.
E36 EXISTING AUDIO ENHANCEMENT EPIC SYSTEM VOLUME CONTROL DIAL TO REMAIN. REMOVE/COVER AS NECESSARY TO PROTECT DURING DEMOLITION AND CONSTRUCTION.
E37 EXISTING TIME PROGRAMMING PANEL TO REMAIN. REMOVE/COVER AS NECESSARY TO PROTECT DURING DEMOLITION AND CONSTRUCTION.

KEYNOTES

E38 EXISTING TELECOR CONSOLE DISPLAY TO REMAIN. REMOVE/COVER AS NECESSARY TO PROTECT DURING DEMOLITION AND CONSTRUCTION.
E39 EXISTING FIRE ALARM CONTROL PANEL TO REMAIN. REMOVE/COVER AS NECESSARY TO PROTECT DURING DEMOLITION AND CONSTRUCTION.
E40 REMOVE EXISTING INTERCOM SPEAKER DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT SAME APPROXIMATE LOCATION IN NEW CEILING.
E41 REMOVE EXISTING INTERCOM SPEAKER DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT NEW LOCATION AS SHOWN ON NEW WORK PLAN. REMOVE EXISTING CAT6 CABLE BACK TO ASSOCIATED NETWORK SWITCH.
E42 REMOVE EXISTING CAMERA DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT NEW LOCATION AS SHOWN ON NEW WORK PLAN. REMOVE EXISTING CAT6 CABLE BACK TO ASSOCIATED NETWORK SWITCH.
E43 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF PHONE.
E44 RELOCATE EXISTING SIEMENS FIRE ALARM ANNUNCIATOR PANEL. REFER TO NEW WORK PLAN FOR NEW LOCATION.
E45 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF SIGN-IN CONSOLE AND ACCESSORY EQUIPMENT.
E46 DEMOLISH EXISTING DATA CABLING AND WIREMOLD.
E52 DEMOLISH EXISTING PANELBOARD. RELOCATE ALL CIRCUITS SERVING EXISTING-TO-REMAIN LOADS TO NEW DISTRIBUTION PANEL "DP1"; FOR BIDDING PURPOSES, ASSUME RELOCATION OF (3) 40A/3P CIRCUITS, (3) 20A/3P CIRCUITS, (1) 100A/3P CIRCUIT, (1) 70A/3P CIRCUIT, (1) 30A/3P CIRCUIT, (1) 70A/2P CIRCUIT AND (1) 30A/2P CIRCUIT.
E82 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF SPEAKER.
E86 EXISTING DIGITAL CLOCK TO REMAIN. REMOVE/COVER AS NECESSARY TO PROTECT DURING DEMOLITION AND CONSTRUCTION.
E87 REMOVE EXISTING CARD READER AND ALL ASSOCIATED DOOR HARDWARE DURING DEMOLITION/CONSTRUCTION. REINSTALL AT NEW DOOR INTO ADMIN SUITE UPON COMPLETION OF CONSTRUCTION. REFER TO NEW WORK PLAN FOR EXACT NEW LOCATION.

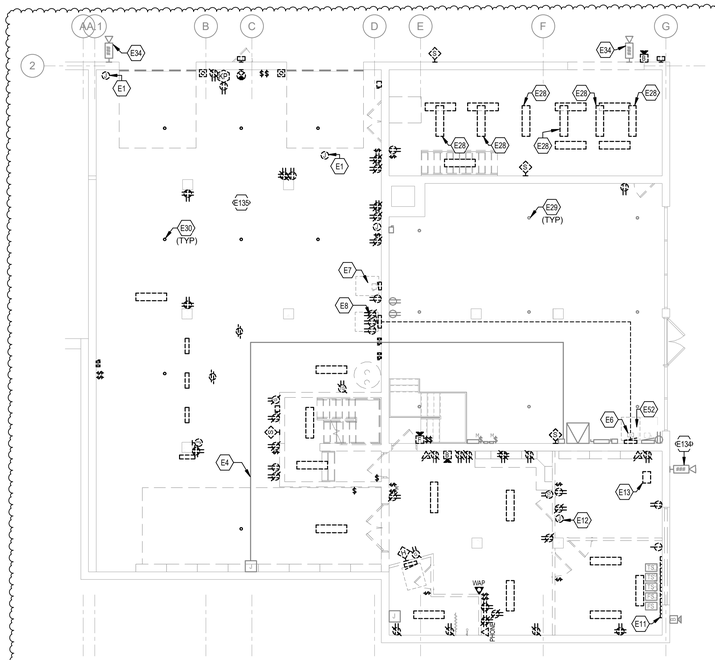
KEYNOTES

E89 REMOVE EXISTING PAGING INTERCOM VOLUME CONTROL DIAL DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT NEW LOCATION AS SHOWN ON NEW WORK PLAN. REMOVE EXISTING CAT6 CABLE BACK TO ASSOCIATED NETWORK SWITCH.
E91 REMOVE EXISTING PAGING INTERCOM CALL BUTTON DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT NEW LOCATION AS SHOWN ON NEW WORK PLAN. REMOVE EXISTING CAT6 CABLE BACK TO ASSOCIATED NETWORK SWITCH.
E93 REMOVE EXISTING DIGITAL CLOCK DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT NEW LOCATION AS SHOWN ON NEW WORK PLAN. REMOVE EXISTING CAT6 CABLE BACK TO ASSOCIATED NETWORK SWITCH.
E99 REMOVE EXISTING EXIT SIGN DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT NEW LOCATION AS SHOWN ON NEW WORK PLAN.
E117 EXISTING FAN SWITCH TO REMAIN. REMOVE PRIOR TO DEMOLITION AND REINSTALL AT SAME APPROXIMATE LOCATION IN NEW SPACE.
E118 DEMOLISH EXISTING PANELBOARD. DEMOLISH FEEDER CONDUCTORS/CONDUIT BACK TO SOURCE.
E119 DEMOLISH EXISTING PANELBOARD. DEMOLISH FEEDER CONDUCTORS/CONDUIT BACK TO SOURCE. RELOCATE ALL CIRCUITS SERVING EXISTING-TO-REMAIN LOADS TO NEW BRANCH PANEL "LP2"; FOR BIDDING PURPOSES, ASSUME RELOCATION OF (4) 20A/1P CIRCUITS.
E134 REFEED EXISTING-TO-REMAIN CAMERA FROM NETWORK SWITCH IN EXISTING IDF 112 PRIOR TO START OF DEMOLITION.
E135 COORDINATE WITH OWNER FOR REMOVAL OF ANY MOTION DETECTION SECURITY DEVICES THAT EXIST IN THIS SPACE.
E144 EXISTING IT RACK TO BE REPLACED IN NEW WORK. COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF EXISTING RACK AND MANAGEMENT OF EXISTING CABLING IN PREPARATION FOR NEW RACK.

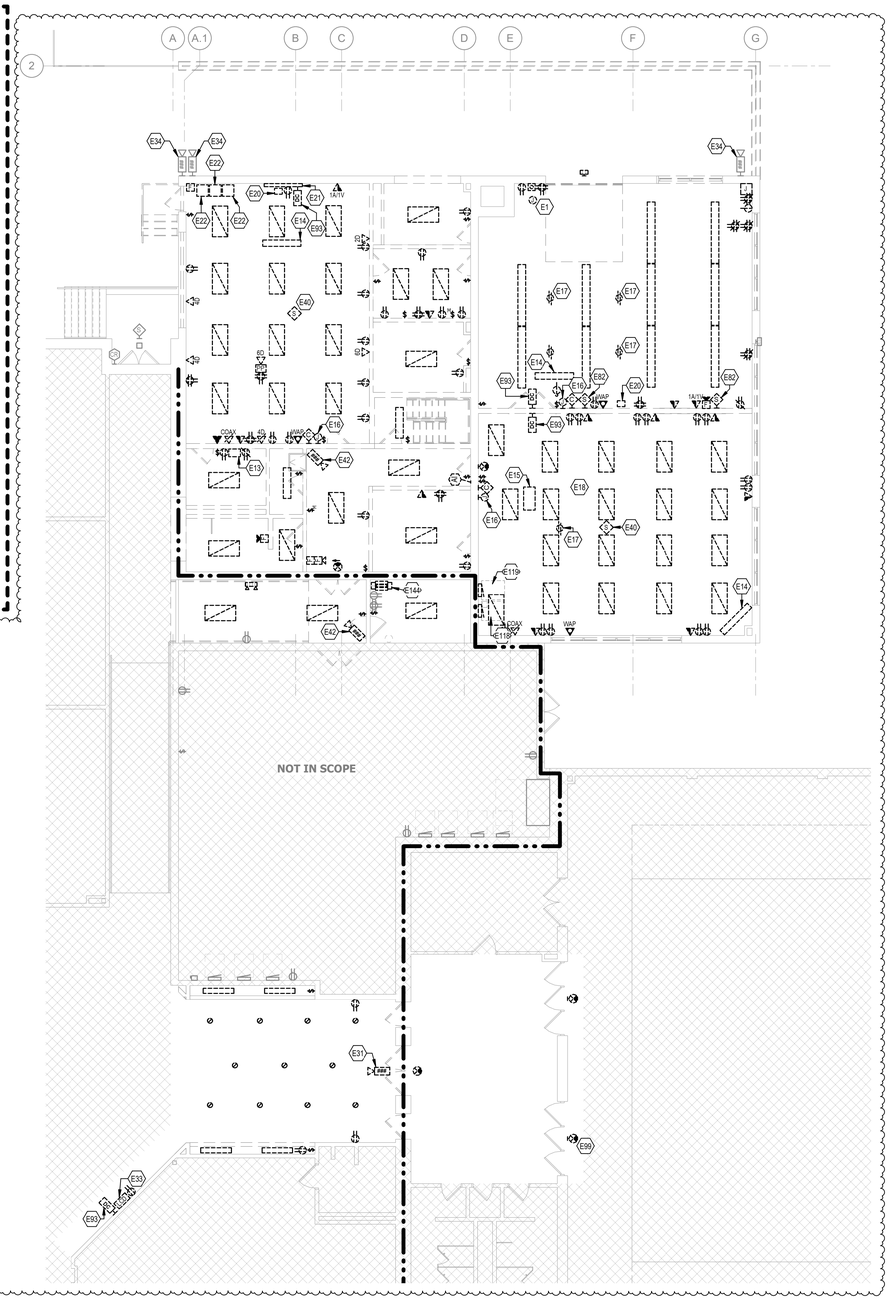


3 ADMIN AREA DEMO WORK PLAN - RENOVATION
1/8" = 1'-0"

ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #2. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.



1 LOWER LEVEL DEMO WORK PLAN - RENOVATION
1/8" = 1'-0"



2 FIRST FLOOR DEMO WORK PLAN - RENOVATION
1/8" = 1'-0"

RATED WALL LEGEND

- 1 HOUR RATED FIRE BARRIER, PART OF SHAFT
- 2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
- 2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
- SMOKE PARTITION

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM #1

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ELECTRICAL PARTIAL LOWER LEVEL AND FIRST FLOOR DEMO PLANS - RENOVATION

PLOT SCALE: 1/8" = 1'-0"
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

ED1.1

RATED WALL LEGEND

- 1 HOUR RATED FIRE BARRIER, PART OF SHAFT
- 2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
- 2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
- SMOKE PARTITION

GENERAL NOTES (DEMOLITION):

A. DOTTED LINES INDICATE ITEMS FOR REMOVAL (UON) AND GRAY SOLID LINES INDICATE EXISTING ITEMS TO REMAIN.

B. DEVICES INDICATED WITH AN "R" SHALL BE RELOCATED. REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXTEND ALL EXISTING CABLING TO NEW LOCATION. CLEAN AND RE-LAMP RELOCATED LUMINAIRES.

C. THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF EXISTING CIRCUITS THAT CONTAIN DEVICES OR EQUIPMENT THAT ARE TO REMAIN. WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS; THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE- DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.

D. LOCATIONS OF DEVICES, CONNECTIONS, ETC., INDICATED ON THIS DRAWING WERE TAKEN FROM VARIOUS SOURCES. THEY ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO VARIATION FROM EXISTING CONDITIONS. CERTAIN EXISTING ELEMENTS MAY NOT BE INDICATED AT ALL. THE CONTRACTOR PROPOSING TO DO ANY PART OF THE WORK INDICATED HEREON SHALL VISIT THIS SITE AND DETERMINE TO HIS SATISFACTION THAT THEY MAY COMPLETE ALL WORK REQUIRED FOR THE BID WHICH HE PROPOSES.

E. REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON). CONTRACTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILINGS WHERE DEVICES ARE SHOWN TO BE REMOVED (PATCH AND REPAIR TO RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS).

F. COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.

GENERAL NOTES (DEMOLITION):

G. COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.

H. PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION BARRIERS AS REQUIRED.

I. CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILINGS AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.

J. UNUSED/ABANDONED CONDUCTORS DISCOVERED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NEC REQUIREMENTS.

K. EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND EQUIPMENT SHOWN ON PLANS.

L. CONTRACTOR SHALL SEAL ALL EXISTING AND NEW PENETRATIONS OF BUILDING ENVELOPE (EXTERIOR WALLS, ROOF, ETC.) WATER-TIGHT AND AS APPROVED BY ARCHITECT AND ENGINEER. ROOFING SHALL BE RESTORED BY A LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING MANUFACTURER AS REQUIRED TO MAINTAIN ROOF WARRANTY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

M. ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK SHALL BE PROVIDED WITH NEW TYPE-WRITTEN PANEL DIRECTORIES AND INSERT SLEEVES. PANEL DIRECTORIES SHALL NOT USE ROOM NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, FINAL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF POSITION.

KEYNOTES

E16 REMOVE EXISTING PAGING INTERCOM ROOM CONTROLLER AND ASSOCIATED CALL BUTTON DURING DEMOLITION/CONSTRUCTION AND REINSTALL IN NEW SPACE. REMOVE EXISTING CAT6 CABLING BACK TO ASSOCIATED NETWORK SWITCH. REFER TO NEW WORK PLANS FOR NEW LOCATION.

E20 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF PROJECTOR.

E23 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF HAND DRYER.

E24 COORDINATE WITH OWNER FOR REMOVAL/RELOCATION OF REMOTE ALARM LAMP.

E42 REMOVE EXISTING CAMERA DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT NEW LOCATION AS SHOWN ON NEW WORK PLAN. REMOVE EXISTING CAT6 CABLE BACK TO ASSOCIATED NETWORK SWITCH.

E99 REMOVE EXISTING EXIT SIGN DURING DEMOLITION/CONSTRUCTION AND REINSTALL AT NEW LOCATION AS SHOWN ON NEW WORK PLAN.

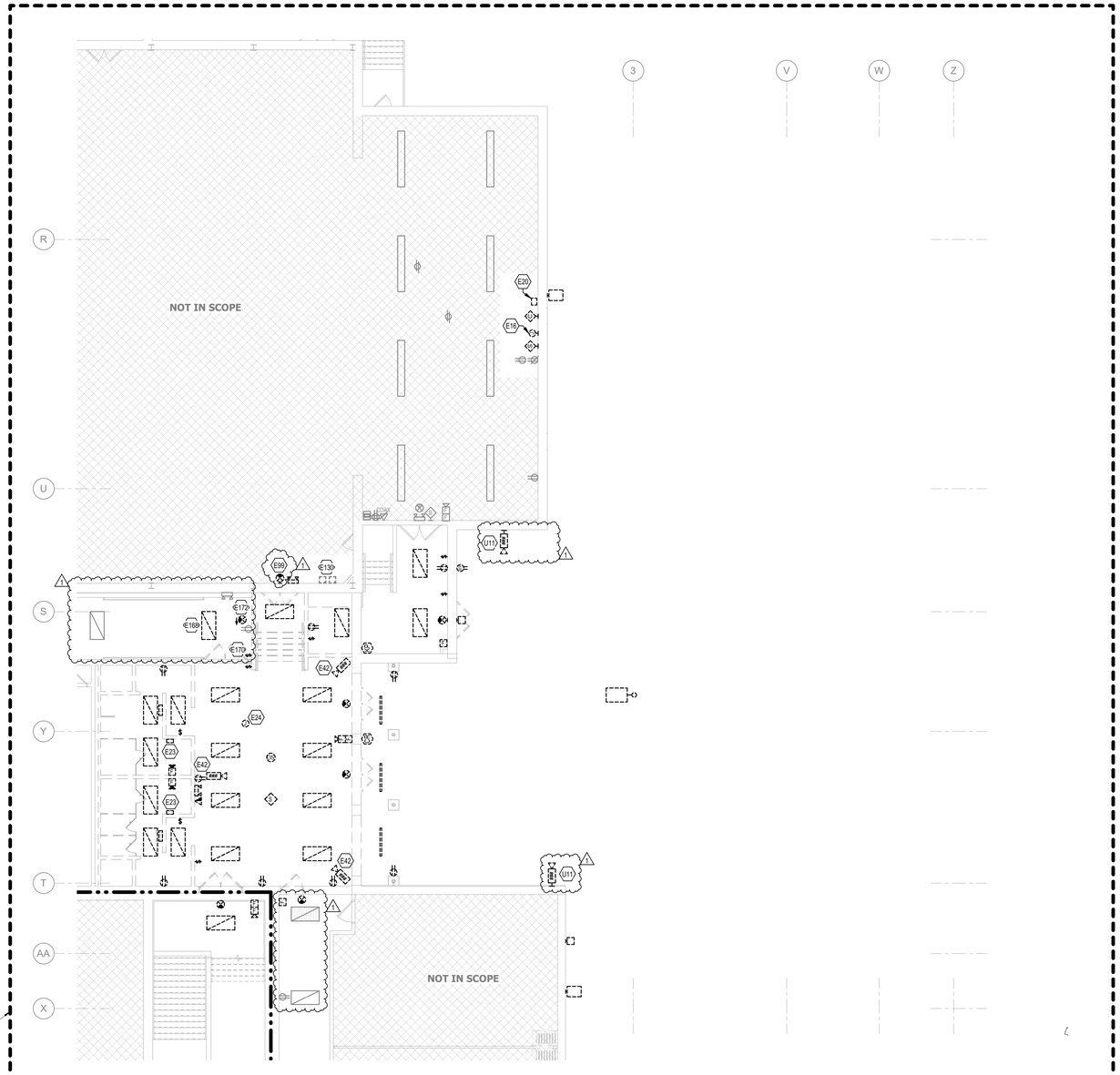
E130 EXISTING WATER FOUNTAINS TO BE RELOCATED IN NEW WORK. EXISTING CIRCUIT(S) SERVING FOUNTAINS TO REMAIN FOR REUSE.

E168 REMOVE EXISTING LIGHT FIXTURE DURING DEMOLITION/CONSTUCTION TO BE REINSTALLED AFTER COMPLETION OF CEILING WORK.

E170 REMOVE EXISTING LIGHT SWITCH DURING DEMOLITION/CONSTUCTION TO BE REINSTALLED AFTER COMPLETION OF CEILING WORK.

E172 REMOVE EXISTING EXIT SIGN DURING DEMOLITION/CONSTUCTION TO BE REINSTALLED AFTER COMPLETION OF CEILING WORK.

U11 RELOCATE EXISTING BUILDING-MOUNTED CAMERA. REFER TO NEW WORK SITE PLAN FOR NEW LOCATION.



ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #1. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.

1 FIRST FLOOR DEMO WORK PLAN - ADDITION

1/8" = 1'-0"

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ELECTRICAL FIRST FLOOR DEMO PLAN - ADDITION

PLOT SCALE: 1/8" = 1'-0"
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

ED1.2

RATED WALL LEGEND

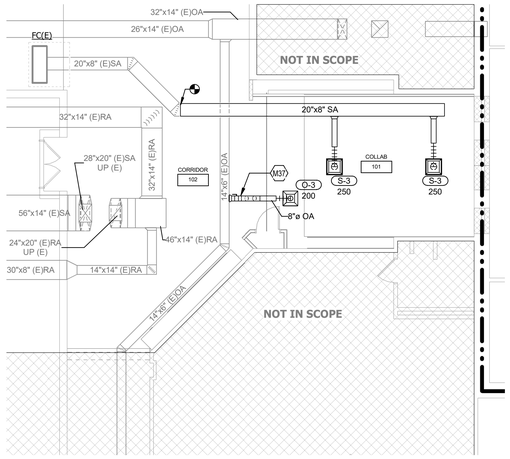
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- 2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
- 2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
- SMOKE PARTITION

MECHANICAL - NEW WORK GENERAL NOTES

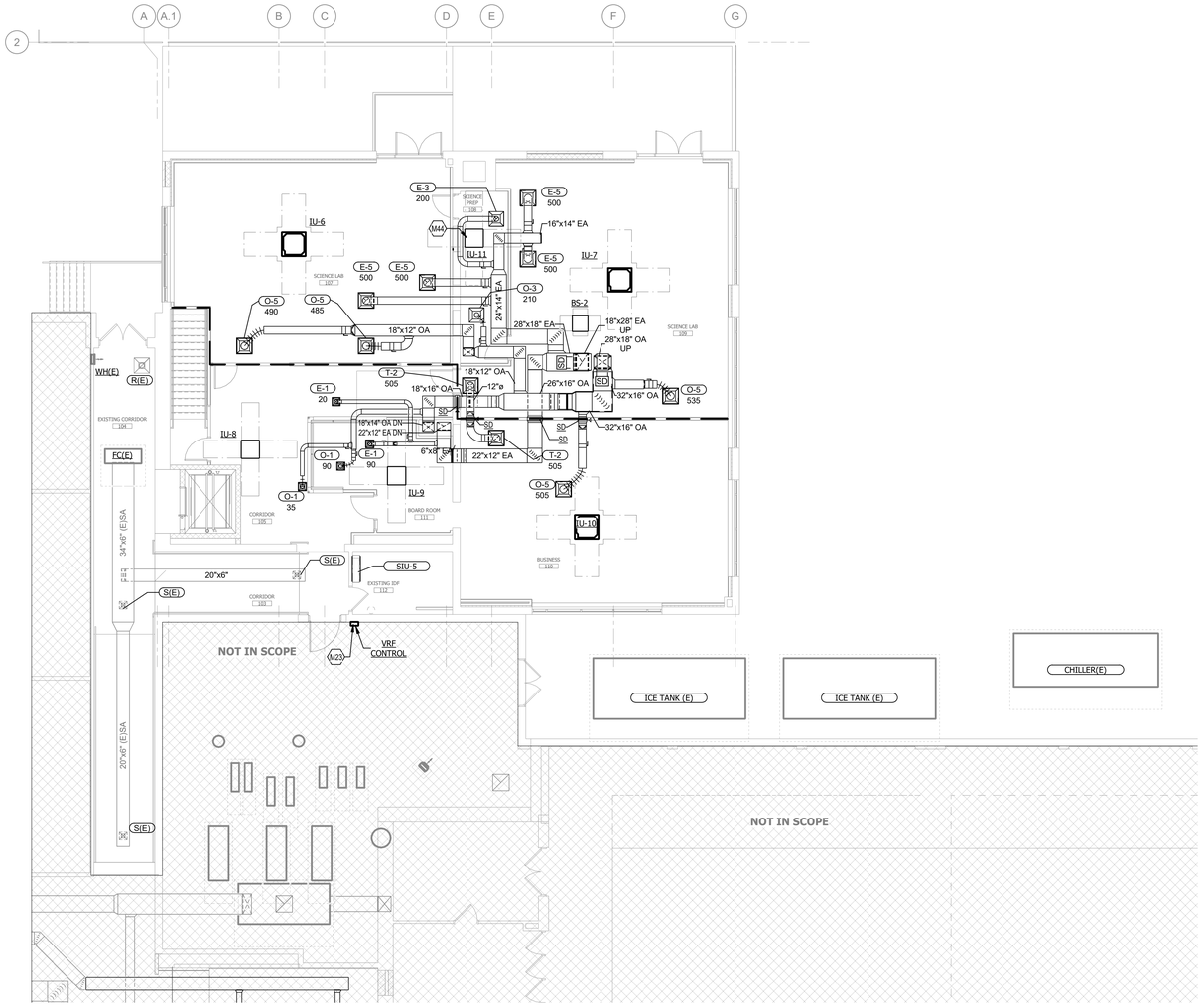
A. REFER TO SHEET **M0.0** FOR MECHANICAL SYMBOL LEGEND & NOTES
B. REFER TO **M7.1** & **M7.2** SERIES SHEETS FOR MECHANICAL DETAILS.
C. REFER TO **M8.1** SERIES SHEETS FOR MECHANICAL SCHEDULES.
D. REFER TO DIVISION 20 AND 23 SECTIONS OF PROJECT MANUAL FOR ALL MECHANICAL SPECIFICATIONS.
E. ALL DUCTWORK SHALL BE INSTALLED AS HIGH AS POSSIBLE, WITH ALL HYDRONIC PIPING (HOT WATER, CHILLED WATER, CONDENSATE, ETC.) AS HIGH AS POSSIBLE BELOW THE DUCTWORK. MAINTAIN ALL REQUIRED CEILING CLEARANCES FOR ALL RECESSED LIGHT FIXTURES, DEVICES, ETC.
F. FOR ALL FAN-COIL UNITS, PROVIDE 3'-0" CLEARANCE ON THE ELECTRICAL/CONTROLS SIDE OF THE UNIT.
G. UNLESS OTHERWISE INDICATED, ALL SHEET METAL AND FLEX DUCT RUNOUTS TO INDIVIDUAL DIFFUSERS/GRILLES SHALL BE THE SAME SIZE AS THE INLET/NECK CONNECTION ON THE DEVICE.
H. DUCT DIMENSIONS SHOWN ARE INTERIOR DIMENSIONS.
I. PROVIDE MANUAL VOLUME DAMPERS AT BRANCH DUCT CONNECTIONS TO ALL LOW PRESSURE SUPPLY, RETURN, AND EXHAUST DUCTS. PROVIDE A MANUAL VOLUME DAMPER DOWNSTREAM OF THE FINAL BRANCH TAKEOFF. ALL MANUAL VOLUME DAMPERS SHALL BE INSTALLED WITHIN 3'-0" OF THE BRANCH CONNECTION.
J. ALL SPLIT SYSTEM AND VRF SYSTEM REFRIGERANT PIPING SHOWN ON PLANS HAS BEEN SHOWN AS SINGLE LINES FOR SCHEMATIC ROUTING PURPOSES ONLY. FOR THE MOST PART, ALL REFRIGERANT LINES SHOWN ON PLAN ARE ACTUALLY TWO REFRIGERANT PIPES IN PARALLEL. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REFRIGERANT PIPING IN ACCORDANCE WITH THE SYSTEM MANUFACTURER'S REQUIREMENTS AND THE FINAL LAYOUT OF ALL REFRIGERANT PIPING SHALL BE COORDINATED WITH THE SYSTEM MANUFACTURER AND THE WORK OF ALL OTHER TRADES.

KEYNOTES

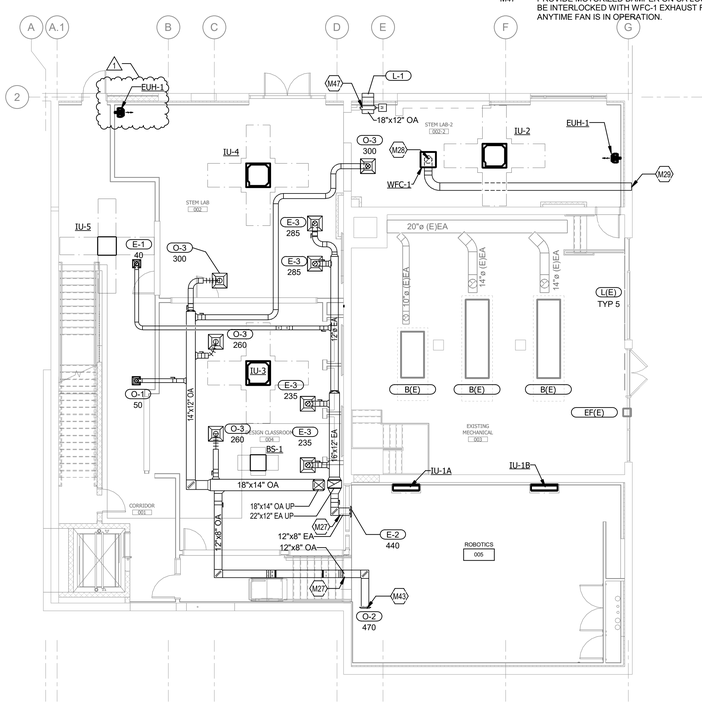
M18 EXISTING EXHAUST DIFFUSER TO BE REBALANCED TO ALLOW FOR ADDITIONAL DUCTWORK AND DIFFUSER ADDED TO EXHAUST FAN.
M23 VRF SYSTEM CONTROL PANEL. CONTRACTOR TO COORDINATE EXACT LOCATION WITH ALL EXISTING EQUIPMENT IN MAIN MECHANICAL ROOM. REFER TO ELECTRICAL DRAWINGS FOR POWER CONNECTION.
M27 DUCT ELEVATIONS TO BE COORDINATED WITH STRUCTURAL ELEMENTS IN WALL.
M28 PROVIDE VENTAIRE MODEL SIFA6100, 6" DIAMETER ARM, 10'-0" REACH, AND CEILING STANCHION SUPPORT (BY MECHANICAL CONTRACTOR). REFER TO DETAIL 10/M7.2 FOR ADDITIONAL INFORMATION.
M29 6" EXHAUST DUCT TO TERMINATE IN THIS LOCATION. PROVIDE SEIHO EXHAUST VENT CAP SFX6 WITH INSECT SCREEN AND BACKDRAFT DAMPER.
M37 OUTSIDE AIR TAKEOFF FROM EXISTING DUCTWORK TO BE BALANCED TO 200 CFM BASED ON IMC 2018 VENTILATION RATES OF 25 PEOPLE/1000 SQFT, 10 CFM PER PERSON PEOPLE OUTDOOR AIRFLOW, AND 0.12 CFM PER SQUARE FOOT AREA OUTDOOR AIRFLOW.
M39 CONTRACTOR TO VERIFY SPECIFIED GRILLES AND CONNECTION SIZES WORK WITH EXISTING DUCT, PRIOR TO PURCHASE.
M43 OUTSIDE AIR DIFFUSER TERMINATING IN FACE OF GYP BULKHEAD.
M44 PROGRAM UNIT IU-11 FOR 2-WAY THROW PATTERN.
M47 PROVIDE MOTORIZED DAMPER ON OA LOUVER. DAMPER SHALL BE INTERLOCKED WITH WFC-1 EXHAUST FAN AND OPEN ANYTIME FAN IS IN OPERATION.



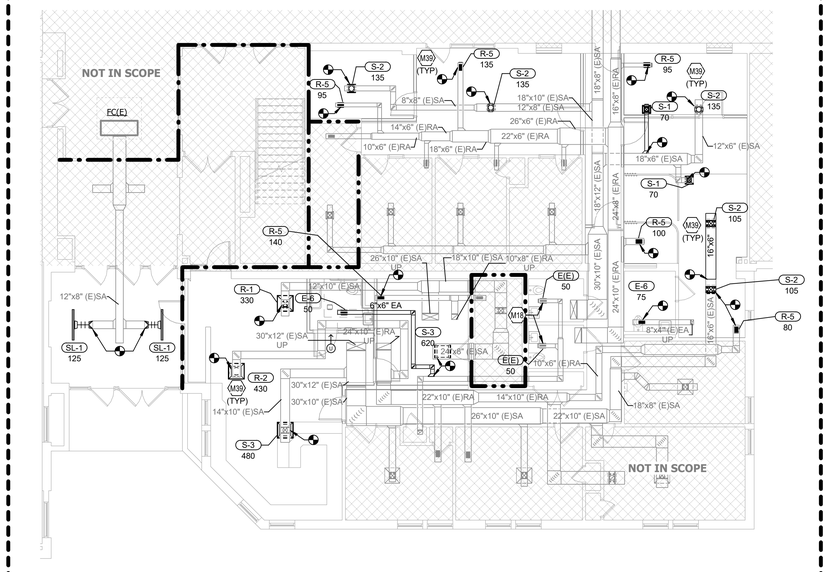
1 FIRST FLOOR COLLAB SPACE AIR DISTRIBUTION - NEW WORK PLAN - RENOVATION



2 FIRST FLOOR AIR DISTRIBUTION - NEW WORK PLAN - RENOVATION



3 LOWER FLOOR AIR DISTRIBUTION - NEW WORK PLAN - RENOVATION



4 ADMIN AREA AIR DISTRIBUTION - NEW WORK PLAN - RENOVATION

ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #2. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.

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MECHANICAL AIR DISTRIBUTION PARTIAL LOWER LEVEL AND FIRST FLOOR NEW WORK - RENOVATION

PLOT SCALE: 1/8" = 1'-0"
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT
3636

M1.1

RATED WALL LEGEND

- 1 HOUR RATED FIRE BARRIER, PART OF SHAFT
- 2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
- 2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
- SMOKE PARTITION

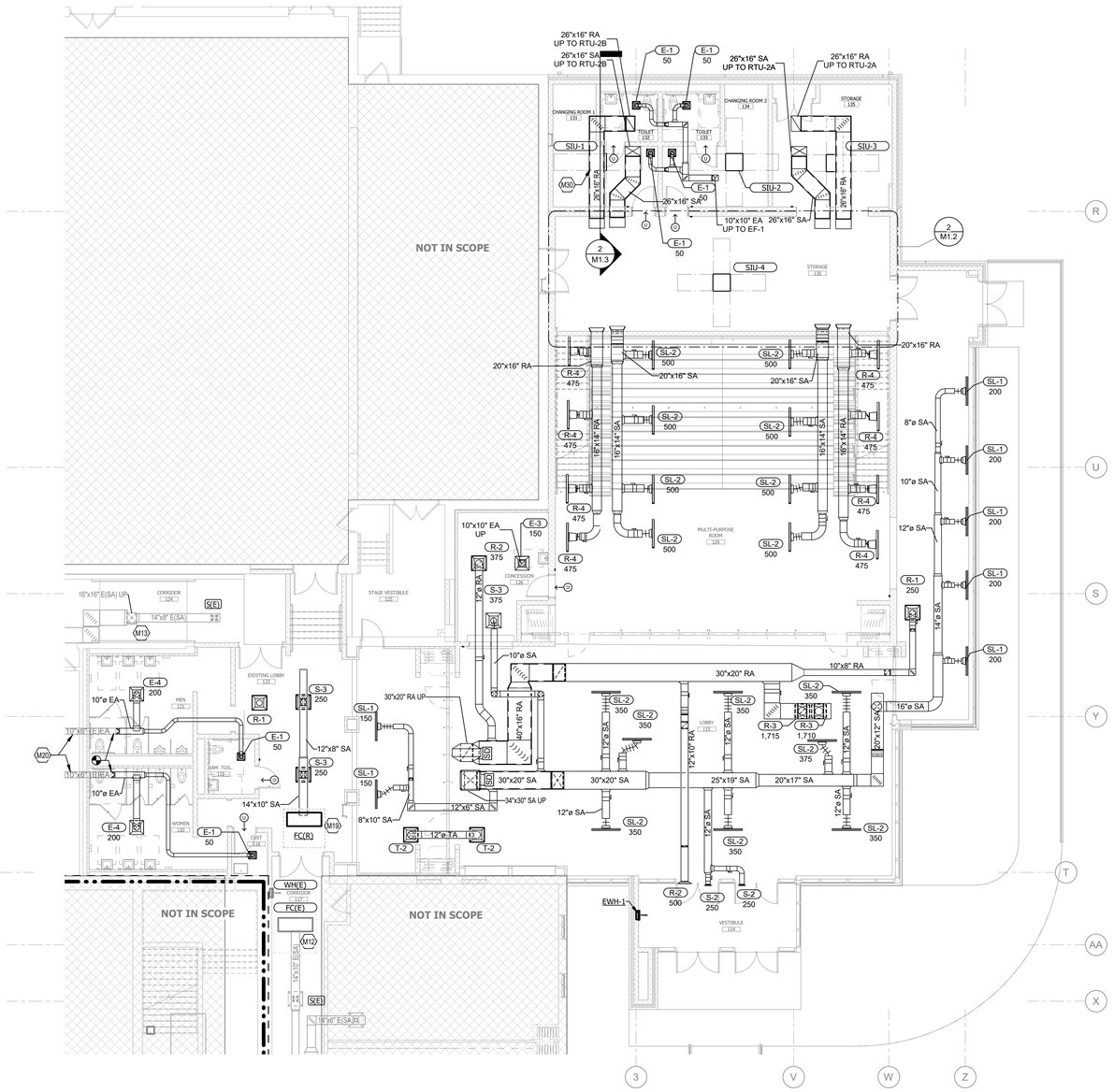
MECHANICAL - NEW WORK GENERAL NOTES

A. REFER TO SHEET **M0.0** FOR MECHANICAL SYMBOL LEGEND & NOTES
B. REFER TO **M7.1 & M7.2** SERIES SHEETS FOR MECHANICAL DETAILS.
C. REFER TO **M8.1** SERIES SHEETS FOR MECHANICAL SCHEDULES.
D. REFER TO DIVISION 20 AND 23 SECTIONS OF PROJECT MANUAL FOR ALL MECHANICAL SPECIFICATIONS.
E. ALL DUCTWORK SHALL BE INSTALLED AS HIGH AS POSSIBLE, WITH ALL HYDRONIC PIPING (HOT WATER, CHILLED WATER, CONDENSATE, ETC.) AS HIGH AS POSSIBLE BELOW THE DUCTWORK. MAINTAIN ALL REQUIRED CEILING CLEARANCES FOR ALL RECESSED LIGHT FIXTURES, DEVICES, ETC.
F. FOR ALL FAN-COIL UNITS, PROVIDE 3'-0" CLEARANCE ON THE ELECTRICAL/CONTROLS SIDE OF THE UNIT.
G. UNLESS OTHERWISE INDICATED, ALL SHEET METAL AND FLEX DUCT RUNOUTS TO INDIVIDUAL DIFFUSERS/GRILLES SHALL BE THE SAME SIZE AS THE INLET/NECK CONNECTION ON THE DEVICE.
H. DUCT DIMENSIONS SHOWN ARE INTERIOR DIMENSIONS.
I. PROVIDE MANUAL VOLUME DAMPERS AT BRANCH DUCT CONNECTIONS TO ALL LOW PRESSURE SUPPLY, RETURN, AND EXHAUST DUCTS. PROVIDE A MANUAL VOLUME DAMPER DOWNSTREAM OF THE FINAL BRANCH TAKEOFF. ALL MANUAL VOLUME DAMPERS SHALL BE INSTALLED WITHIN 3'-0" OF THE BRANCH CONNECTION.
J. ALL SPLIT SYSTEM AND VRF SYSTEM REFRIGERANT PIPING SHOWN ON PLANS HAS BEEN SHOWN AS SINGLE LINES FOR SCHEMATIC ROUTING PURPOSES ONLY. FOR THE MOST PART, ALL REFRIGERANT LINES SHOWN ON PLAN ARE ACTUALLY TWO REFRIGERANT PIPES IN PARALLEL. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REFRIGERANT PIPING IN ACCORDANCE WITH THE SYSTEM MANUFACTURER'S REQUIREMENTS AND THE FINAL LAYOUT OF ALL REFRIGERANT PIPING SHALL BE COORDINATED WITH THE SYSTEM MANUFACTURER AND THE WORK OF ALL OTHER TRADES.

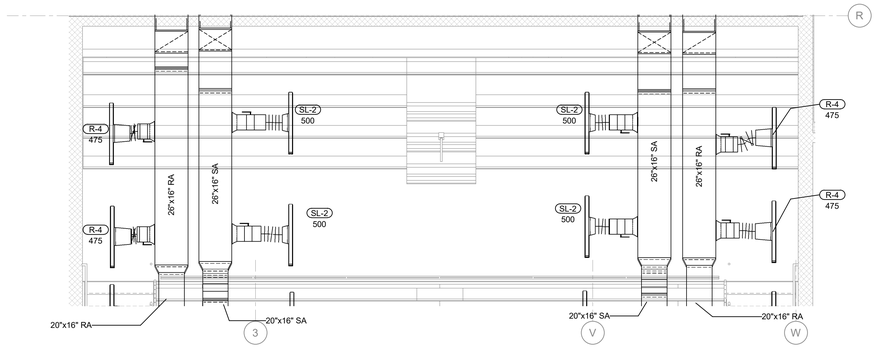
KEYNOTES

M12 EXISTING FAN COIL SHALL REMAIN ALONG WITH ALL ASSOCIATED DUCTWORK.
M13 EXISTING SUPPLY AIR DUCTWORK TO EXISTING AIR HANDLING UNIT (AH-5)
M19 EXISTING FAN COIL UNIT SHALL BE REMOVED AND PREPARED FOR RELOCATION AS PART OF THE NEW DESIGN. THIS SHALL INCLUDE ALL SUPPORTS, CONTROLS, ELECTRICAL CONNECTIONS, CONDENSATE PUMP, ETC. ASSOCIATED PIPING AND DUCTWORK SHALL BE REMOVED BACK TO POINT INDICATED. CONTRACTOR SHALL CLEAN THE UNIT AND PROTECT FROM DAMAGE/DIRT/DEBRIS DURING CONSTRUCTION.
M20 EXHAUST SYSTEM FROM EXISTING FAN F-15 TO BE REBALANCED TO ALLOW FOR INCREASED AIRFLOW FROM LOBBY AREA. SHOWER ROOMS B28 AND B29 (FROM THE 1997 DRAWINGS) TO BE REBALANCED TO 50 CFM EACH. A PRE-BALANCE SHALL BE PERFORMED ON ALL EXISTING AIR DEVICES CONNECTED TO THIS FAN TO DETERMINE CURRENT AIRFLOW AND CORRECT FUNCTION OF THE FAN.
M30 INDOOR SPLIT SYSTEM UNIT TO BE SETUP FOR 3-WAY FLOW PATTERN TO AVOID TOILET ROOM WALL.

ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #1. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.



1 FIRST FLOOR AIR DISTRIBUTION - NEW WORK PLAN - ADDITION
1/8" = 1'-0"



2 FIRST FLOOR AIR DISTRIBUTION - NEW WORK PLAN - ADDITION - UPPER STANDS
1/4" = 1'-0"

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MECHANICAL AIR DISTRIBUTION FIRST FLOOR NEW WORK - ADDITION

PLOT SCALE: As indicated
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

M1.2

ENERGY RECOVERY VENTILATOR SCHEDULE

MARK	LOCATION	MOUNTING TYPE	SUPPLY FAN							EXHAUST FAN							ENERGY RECOVERY WHEEL								FILTERS			PHYSICAL INFORMATION				ELECTRICAL			BASIS OF DESIGN	
																	SUMMER CONDITIONS					WINTER CONDITIONS															
			TYPE	SPEED CONTROL	TOTAL AIRFLOW (CFM)	E.S.P (IN W.C.)	HP (EA.)	BHP (EA.)	RPM	TYPE	SPEED CONTROL	EXHAUST AIRFLOW (CFM)	E.S.P. (IN W.C.)	HP (EA.)	BHP (EA.)	RPM	OA EAT, DB/WB (°F)	OA LAT, DB/WB (°F)	EA EAT, DB/WB (°F)	EA LAT, DB/WB (°F)	TOTAL EFF. (%)	OA EAT, DB (°F)	OA LAT, DB (°F)	EA EAT, DB (°F)	EA LAT, DB (°F)	TOTAL EFF. (%)	TYPE	EA PRE-FILTER EFF.	OA FINAL FILTER	MAX WEIGHT (LBS)	WIDTH (IN)	LENGTH (IN)	HEIGHT (IN)	V/PH/HZ	MCA	MOP	MANUFACTURER	MODEL
ERV-1	ADDITION	CURB	FORWARD CURVE	BELT	3990	1	3	2.59	1136	FORWARD CURVE	BELT	3830	1	3	2.2	1136	95/75	80.9/67.1	75/62.5	89.6/71.6	67	10/7.7	51.9/42.7	72/55.9	26.3/25.1	65	PLEATED	MERV8	MERV 8	1112	60.2	72.1	82.9	208/60/1	43.6	60	GREENHECK	ERVe-45-15H

REMARKS:

1. PROVIDE WITH INTEGRAL DISCONNECT.
2. PROVIDE WITH INTEGRAL MOTORIZED DAMPERS ON EXHAUST INLET AND OUTSIDE AIR DISCHARGE CONNECTIONS.
3. PROVIDE WITH 14" INSULATED ROOF CURB.

PACKAGED ROOFTOP UNITS SCHEDULE

MARK	LOCATION	MOUNTING TYPE	SUPPLY FAN(S)							EXHAUST FAN						DX COOLING COIL						DX HEATING COIL			GAS REHEAT COIL			FILTERS			ELECTRICAL			PHYSICAL INFORMATION				BASIS OF DESIGN	
			TOTAL AIRFLOW (CFM)	OUTSIDE AIRFLOW (CFM)	QTY	E.S.P (IN W.C.)	HP	BHP	RPM	DESIGN AIRFLOW (CFM)	MAX AIRFLOW (CFM)	E.S.P. (IN W.C.)	HP	DESIGN BHP	RPM	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EAT, DB/WB (°F)	LAT, DB/WB (°F)	MIN. EER	AMBIENT DESIGN CONDITON, DB/WB (°F)	TOTAL CAPACITY (MBH)	EAT, DB (°F)	LAT, DB (°F)	TOTAL CAPACITY (MBH)	EAT, DB	LAT, DB	TYPE	PRE-FILTER EFFICIENCY	FINAL FILTER EFFICIENCY	VOLT/PHASE /FREQ	MCA	MROPD	MAXIMUM WEIGHT (LBS)	WIDTH (IN)	LENGTH (IN)	HEIGHT (IN)	MANUFACTURER	MODEL
RTU-2A	MULTI-PURPOSE	CURB	3000	1400	1	2.3	4	1.83	1227	1250	3000	0.75	4	0.24	869	130.40	97	84.3/68.5	54.8/54.7	11.5	95.0	52.3	70	87.4	160	41 °F	90 °F	PLEATED	MERV8	MERV14	460/60/3	24.2	30	2548	96.5	91.0	56.8	DAIKIN	DPS010A
RTU-2B	MULTI-PURPOSE	CURB	3000	1400	1	2.3	4	1.83	1227	1250	3000	0.75	4	0.24	869	130.40	97	84.3/68.5	54.8/54.7	11.5	95.0	52.3	70	87.4	160	41 °F	90 °F	PLEATED	MERV8	MERV14	460/60/3	24.2	30	2548	96.5	91.0	56.8	DAIKIN	DPS010A

REMARKS:

1. PROVIDE WITH INTEGRAL DISCONNECT.
2. ALL FANS SHALL BE DIRECT DRIVE FANS.
3. PROVIDE UNITS WITH MODULATING HOT GAS REHEAT COILS FOR DEHUMIDIFCATION CONTROL.
4. PROVIDE WITH SCCR OF 10 KAIC.
5. PROVIDE WITH 14" INSULATED ROOF CURB.
6. THE "DESIGN AIRFLOW" AND "DESIGN BHP" ARE THE NORMAL OPERATING CONDITIONS FOR THE EXHAUST FAN. WHEN ECONOMIZER MODE BEGINS, THE EXHAUST FAN AIRFLOW INCREASES FROM "DESIGN AIRFLOW" TO "MAX AIRFLOW".

EXHAUST FAN SCHEDULE

MARK	MANUFACTURER	MODEL #	SERVICE	TYPE	AIRFLOW (CFM)	E.S.P.	DRIVE	RPM	FAN HP	ELECTRICAL DATA			SONES	REMARKS
										VOLTAGE	PHASE	HZ		
EF-1	GREENHECK	G-080-VG	CHANGING RMS	DIRECT, CENTRIFUGAL	150 CFM	0.50 in-wg	DIRECT	1614	0.1	115 V	1	60	8	ALL
EF-2	GREENHECK	G-080-VG	CONCESSION	DIRECT, CENTRIFUGAL	150 CFM	0.50 in-wg	DIRECT	1434	0.1	115 V	1	60	7	ALL

REMARKS:

1. PROVIDE WITH INTEGRAL DISCONNECT.
2. PROVIDE WITH BIRD SCREEN.
3. PROVIDE WITH GRAVITY BACKDRAFT DAMPER.
4. PROVIDE WITH EC MOTOR.

DUCTLESS SPLIT SYSTEM AIR CONDITIONING & HEAT PUMP UNIT SCHEDULE

MARK	LOCATION	QTY	MAX AIRFLOW (CFM)	TOTAL COOLING CAPACITY (MBH)	SEER	HEATING CAPACITY (MBH)	ELECTRICAL			OUTDOOR CONDENSING UNIT MARK	BASIS OF DESIGN		
							V/PH/HZ	MCA	MOCP		MANUFACTURER	INDOOR UNIT MODEL	OUTDOOR UNIT MODEL
SIU-1	CHANGING ROOM 131	1	400	9100	12	10000	208/3/60	7.8	15	SOU-1	DAIKIN	FFQ09W2V3U9	RX09WMVJU9
SIU-2	CHANGING ROOM 134	1	400	9100	12	10000	208/3/60	7.8	15	SOU-1	DAIKIN	FFQ09W2V3U9	RX09WMVJU9
SIU-3	STORAGE 135	1	400	9100	12	10000	208/3/60	7.8	15	SOU-1	DAIKIN	FFQ09W2V3U9	RX09WMVJU9
SIU-4	STORAGE 139	1	400	9100	12	10000	208/3/60	7.8	15	SOU-1	DAIKIN	FFQ09W2V3U9	RX09WMVJU9
SIU-5	IDF 112	1	750	24000	20	27600	208/1/60	18.3	20	SOU-2	DAIKIN	FTK24BXVJU	RK24BXVJU

REMARKS:

1. PROVIDE WITH CONDENSATE PUMPS, EQUIVALENT TO BLUE DIAMOND MAXIBLUE.
2. SIU-5 SERVING IDF ROOM SHALL BE PROVIDED WITH LOW AMBIENT COOLING KIT.

PACKAGED ROOFTOP UNITS WITH ENERGY RECOVERY SCHEDULE PART 1

MARK	LOCATION	MOUNTING TYPE	SUPPLY FAN								EXHAUST FAN								DX COOLING COIL						HEAT PUMP HEATING COIL			GAS HEATING COIL			
			TOTAL AIRFLOW (CFM)	OUTSIDE AIRFLOW (CFM)	QTY	E.S.P (IN W.C.)	HP	BHP	RPM	VFD	DESIGN AIRFLOW (CFM)	MAX AIRFLOW (CFM)	E.S.P. (IN W.C.)	HP	DESIGN BHP	MAX BHP	RPM	VFD	TOTAL CAPACITY (MBH)	SENSIBLE CAPACITY (MBH)	EAT, DB/WB (°F)	LAT, DB/WB (°F)	MIN. EER	AMBIENT DESIGN CONDITON, DB/WB (°F)	TOTAL CAPACITY (MBH)	EAT, DB	LAT, DB	TOTAL CAPACITY (MBH)	EAT, DB (°F)	LAT, DB (°F)	ALLOWED PRESSURE RANGE
RTU-1	LOBBY	ROOF	5000	2250	1	4.64	8	5.66	2473	YES	1800	4400	1	4.3	1.45	1.45	1911	YES	170.02	135.94	77.8/64.4	52.9/52.9	10.7	95	164.89	61 °F	90 °F	160	60.8	90.3	5-14

PACKAGED ROOFTOP UNITS WITH ENERGY RECOVERY SCHEDULE PART 2

MARK	ENERGY RECOVERY WHEEL											ELECTRICAL			FILTERS			PHYSICAL INFORMATION				BASIS OF DESIGN	
	OUTSIDE AIR (OA) CFM	EXHAUST AIR (EA)CFM	SUMMER CONDITIONS				WINTER CONDITIONS					VOLT/PHASE /FREQ	MCA	MROPD	TYPE	PRE-FILTER EFFICIENCY	FINAL FILTER EFFICIENCY	MAX WEIGHT (LBS)	WIDTH (IN)	LENGTH (IN)	HEIGHT (IN)	MANUFACTURER	MODEL
			OA EAT, DB/WB (°F)	OA LAT, DB/WB (°F)	EA EAT, DB/WB (°F)	EA LAT, DB/WB (°F)	TOTAL EFF. (%)	OA EAT, DB/WB (°F)	OA LAT, DB/WB (°F)	EA EAT, DB (°F)	EA LAT, DB (°F)	TOTAL EFF. (%)												
RTU-1	2250	1800	95/75	77.8/64.4	75/62.3	81.2/66.9	0.79	10/8	60.8/44.9	70/50	49.6/38.1	0.81	460/60/3	37.1	45	PLEATED	MERV8	MERV14	2801	96.5	111.0	56.8	DAIKIN	DPS015A

REMARKS:

1. PROVIDE WITH INTEGRAL DISCONNECT.
2. ALL FANS SHALL BE DIRECT DRIVE FANS.
3. PROVIDE UNITS WITH MODULATING HOT GAS REHEAT COILS FOR DEHUMIDIFCATION CONTROL.
4. PROVIDE WITH SCCR OF 10 KAIC.
5. PROVIDE WITH 14" INSULATED ROOF CURB.
6. THE "DESIGN AIRFLOW" AND "DESIGN BHP" ARE THE NORMAL OPERATING CONDITIONS FOR THE EXHAUST FAN. WHEN ECONOMIZER MODE BEGINS, THE EXHAUST FAN AIRFLOW INCREASES FROM "DESIGN AIRFLOW" TO "MAX AIRFLOW".

REGISTERS, GRILLES, AND DIFFUSERS

MARK	MANUFACTURER	MODEL #	TYPE	GRILLE SIZE	PANEL SIZE	DUCT INLET SIZE	DUCT BRANCH SIZE	MAX CFM	MAX P.D. (IN. H20)	MAX NOISE CRITERIA	REMARKS
E-1	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	12"x12"	12"x12"	6"Ø	6"Ø	100	0.10	25	1,2,4
E-2	TITUS	350FL	ALUMINUM LOUVERED GRILLE, 3/4" BLADE SPACING, 35° DEFLECTION	14"x10"	14"x10"	12"x8"	12"x8"	440	0.10	25	1,2,4
E-3	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	8"Ø	8"Ø	200	0.10	25	1,2,4
E-4	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	10"Ø	10"Ø	400	0.10	25	1,2,4
E-5	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	12"Ø	12"Ø	800	0.10	25	1,2,4
E-6	TITUS	350FL	ALUMINUM LOUVERED GRILLE, 3/4" BLADE SPACING, 35° DEFLECTION	8"x6"	8"x6"	6"x4"	6"x4"	100	0.10	25	1,2,4
L-1	RUSKIN	ELF6375DX						600	0.10		
O-1	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	12"x12"	12"x12"	6"Ø	6"Ø	100	0.10	25	1,2,4
O-2	TITUS	300FS	ALUMINUM LOUVERED GRILLE, 3/4" BLADE SPACING, 35° DEFLECTION	14"x10"	14"x10"	12"x8"	12"x8"	470	0.10	25	1,2,4
O-3	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	8"Ø	8"Ø	400	0.10	25	1,2,4
O-5	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	12"Ø	12"Ø	600	0.10	25	1,2,4
R-1	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	10"Ø	10"Ø	400	0.10	25	1,2,4
R-2	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	12"Ø	12"Ø	800	0.10	25	1,2,4
R-3	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	14"Ø	14"Ø	2000	0.10	25	1,2,4
R-4	TITUS	ML-39	ALUMINUM MODULINEAR RETURN SLOT DIFFUSER, 1" SLOT, 3 SLOTS	48 LONG	48 LONG	12"Ø	12"Ø	500	0.10	25	1,2,3,4
R-5	TITUS	350FL	ALUMINUM LOUVERED GRILLE, 3/4" BLADE SPACING, 35° DEFLECTION	8"x6"	8"x6"	6"x4"	6"x4"	120	0.10	25	1,2,4
S-1	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	12"x12"	12"x12"	6"Ø	6"Ø	100	0.10	25	1,2,4
S-2	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	12"x12"	12"x12"	8"Ø	8"Ø	250	0.10	25	1,2,4
S-3	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	10"Ø	10"Ø	400	0.10	25	1,2,4
SL-1	TITUS	FL10	LINEAR SLOT DIFFUSER, 1" WIDE SLOT, TWO SLOT, HIGHTHROW	48 LONG	48 LONG	8"Ø	8"Ø	200	0.10	25	1,2,3,4
SL-2	TITUS	FL10	LINEAR SLOT DIFFUSER, 1" WIDE SLOT, TWO SLOT, HIGHTHROW	48 LONG	48 LONG	12"Ø	12"Ø	500	0.10	25	1,2,3,4
T-2	TITUS	OMNI-AA	PLAQUE FACE DIFFUSER, ALUMINUM	24"x24"	24"x24"	12"Ø	12"Ø	800	0.10	25	1,2,3,4

REMARKS:

1. COLOR AND FINISH TO BE SELECTED BY ARCHITECT.
2. COORDINATE MOUNTING TYPE (LAY-IN, GYP BOARD, ETC.) WITH ARCHITECTURAL PLANS.
3. PROVIDE INSULATED PLENUM BOOTS ON ALL LINEAR SLOT DIFFUSERS.
4. PROVIDE RECTANGULAR TO ROUND DUCT TRANSITION AS REQUIRED BASED ON DEVICE AND RUNOUT DUCT SIZE SHOWN ABOVE.
5. ALL AIR DEVICES PROVIDED IN THE ASSEMBLY HALL SHALL BE PROVIDED WITH CUSTOM COLORS. EXACT COLOR/FINISH SHALL BE SELECTED BY THE ARCHITECT.

VARIABLE REFRIGERANT FLOW HVAC SYSTEMS - INDOOR UNITS

Type	DESCRIPTION	MODEL	MANUFACTURER	AIR FLOW	NOMINAL CAPACITY (BTUH)			ELECTRICAL			WEIGHT (LBS)
					COOLING	SENSIBLE	HEATING	VOLTAGE	PHASE	MCA	
IU-1A	WALL MOUNTED AIR CONDITIONER CASSETTE	FXAQ18PVJU	DAIKIN	500 CFM	14,467	10,817	21,000	208 V	1	0.40 A	30.9
IU-1B	WALL MOUNTED AIR CONDITIONER CASSETTE	FXAQ18PVJU	DAIKIN	500 CFM	14,467	10,817	21,000	208 V	1	0.40 A	30.9
IU-2	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXFQ18TVJU	DAIKIN	742 CFM	14,464	12,668	20,700	208 V	1	0.60 A	50.7
IU-3	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXFQ36TVJU	DAIKIN	1165 CFM	28,956	22,399	41,492	208 V	1	1.50 A	57.3
IU-4	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXFQ36TVJU	DAIKIN	1165 CFM	28,956	22,399	41,492	208 V	1	1.50 A	57.3
IU-5	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXZQ05TBVJU	DAIKIN	300 CFM	4,825	4,036	6,824	208 V	1	0.30 A	35.3
IU-6	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXFQ48TVJU	DAIKIN	1218 CFM	38,595	28,035	55,993	208 V	1	1.80 A	57.3
IU-7	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXFQ48TVJU	DAIKIN	1218 CFM	38,595	28,035	55,993	208 V	1	1.80 A	57.3
IU-8	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXZQ05TBVJU	DAIKIN	300 CFM	4,825	4,036	6,824	208 V	1	0.30 A	35.3
IU-9	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXZQ12TBVJU	DAIKIN	353 CFM	9,746	6,472	13,990	208 V	1	0.40 A	36.4
IU-10	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXFQ48TVJU	DAIKIN	1218 CFM	38,595	28,035	55,993	208 V	1	1.80 A	57.3
IU-11	CEILING MOUNTED AIR CONDITIONER CASSETTE	FXZQ05TBVJU	DAIKIN	300 CFM	4,825	4,036	6,824	208 V	1	0.30 A	35.3

REMARKS:

1. ALL UNITS SHALL BE PROVIDED WITH DISCONNECT SWITCH.
2. PROVIDED MANUFACTURER MUST BE CERTIFIED, LISTED, AND LABELED PER AHRI 1230.
3. CONTROLS FOR ALL INDOOR UNITS SHALL BE PROGRAMMED FOR A MINIMUM 5°F DEADBAND BETWEEN COOLING AND HEATING SETPOINTS.
4. PROVIDE ALL WALL MOUNTED VERF UNITS WITH FIELD INSTALLED CONDENSATE PUMP.

VARIABLE REFRIGERANT FLOW HVAC SYSTEM - AIR SOURCE OUTDOOR UNIT

MARK	DESCRIPTION	MODEL	MANUFACTURER	POWER INPUT (kW)		EFFICIENCY		NOMINAL CAPACITY (BTUH)		CONNECTION 1				WEIGHT (LBS)
				COOLING	HEATING	COOLING IEER	HEATING COP	COOLING	HEATING	VOLTAGE	PHASE	MCA	MOCP	
OU-1	HEAT RECOVERY UNIT	REYQ192AATJA	Daikin			19.7	3.2	227,836	217,800	208 V	3	73.7	80	956.8

REMARKS:

1. ALL UNITS SHALL BE PROVIDED WITH DISCONNECT SWITCH FOR EACH SEPERATE POWER CONNECTION.
2. PROVIDED MANUFACTURER MUST BE CERTIFIED, LISTED, AND LABELED PER AHRI 1230.
3. CONTRACTOR TO VERIFY ADDITIONAL CHARGE (LBS) OF REFRIGERANT BASED ON FINAL PIPE ROUTING AND LAYOUT IN THE FIELD.

ELECTRIC HEATER SCHEDULE

MARK	DESCRIPTION	MODEL	MANUFACTURER	DIMENSIONS			WEIGHT (LBS)	CAPACITY (kW)	ELECTRICAL DATA			REMARKS
				LENGTH	WIDTH	HEIGHT			VOLTAGE	PHASE	FLA	
EUH-1	ELECTRIC UNIT HEATER	HUHAA327	BERKO	7"	1'-3"	1'-6"	25.00 lbf	3 kW	277 V	1	11.0 A	1, 2, 3, 5, 6
EWH-1	WALL MOUNTED HEATER	SSHOWH4007	BERKO	4"	1'-3"	2'-0"	55.00 lbf	4 kW	277 V	1	14.4 A	1, 2, 3, 4, 6

REMARKS:

1. PROVIDE WITH INTEGRAL DISCONNECT.
2. MOUNT ALL WALL HEATERS ABOVE FLOOD PLAIN, APPROXIMATELY 12" AFF. COORDINATE WITH BLOCK COURSING (WHERE INSTALLED IN CMU WALLS) AND ARCHITECTURAL ELEMENTS.
3. FINAL FINISH/COLOR TO BE SELECTRED BY ARCHITECT AND OWNER.
4. EWH-1 SHALL BE MOUNTED A MINIMUM OF 1'-0" AFF.
5. EUH-1 SHALL BE MOUNTED A MINIMUM OF 8'-0" AFF.
6. PROVIDE WITH INTEGRAL THERMOSTAT.

WELDING FUME CAPTURE ARM

MARK	MANUFACTURER	MODEL #	SERVICE	TYPE	ARM		AIRFLOW (CFM)	E.S.P.	FAN BHP	FAN RPM	ELECTRICAL DATA		
					REACH	DIAMETER (IN)					VOLTAGE	PHASE	HZ
WFC-1	VENTAIRE	SIFA6100	STEM LAB	SELF-SUPPORTING	10'	6	600 CFM	3.50 in-wg	0.9	3426	208 V	3	60

REMARKS:

1. PROVIDE WITH NON-FUSED DISCONNECT SWITCH.

LOUVER SCHEDULE

MARK	QUANTITY	MANUFACTURER	MODEL #	SERVICE	MAX CFM	WIDTH (IN)	HEIGHT (IN)	DEPTH (IN)	FREE AREA (SQ. FT.)	MAX VELOCITY (FPM)	MAX APD (IN. WG.)	BIRD SCREEN	DRAINABLE BLADE
L-1	1	RUSKIN	ELF6375DX	DIRTY LAB SUPPLY	600 CFM	18	12	2	116 SF	600 FPM	0.10 in-wg	Yes	Yes

REMARKS:

1. COLOR AND FINISH TO BE SELECTED BY ARCHITECT.

VARIABLE REFRIGERANT FLOW HVAC SYSTEM - HEAT RECOVERY UNITS

MARK	DESCRIPTION	MODEL	MANUFACTURER	# OF PORTS	CAPACITY (MBH)	ELECTRICAL			WEIGHT (LBS)
						VOLTAGE	PHASE	MCA	
BS-1	MULTI PORT BRANCH SELECTOR BOX	BSF8Q54TVJU	Daikin	6	54	208	1	0.60 A	72.8
BS-2	MULTI PORT BRANCH SELECTOR BOX	BSF8Q54TVJU	Daikin	6	54	208	1	0.60 A	72.8

REMARKS:

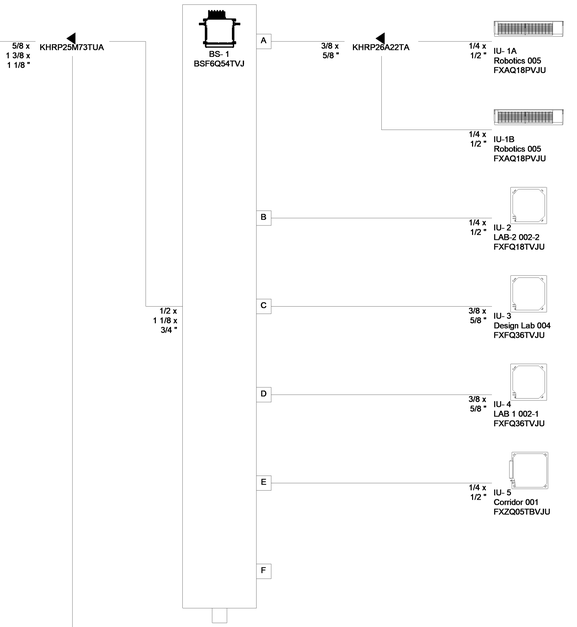
1. ALL UNITS SHALL BE PROVIDED WITH DISCONNECT SWITCH.
2. PROVIDED MANUFACTURER MUST BE CERTIFIED, LISTED, AND LABELED PER AHRI 1230.

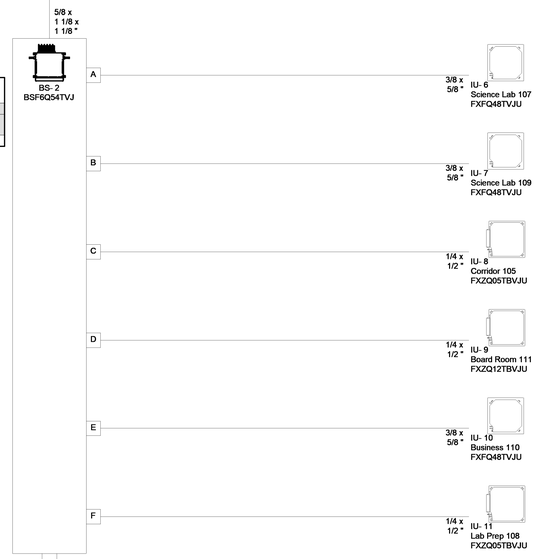
Client	USA
Project	Staunton MS Reno
Title	Piping schematics OU- 1 Air cooled heat recovery VRV EMERION (208-230V) REYQ240AATJA
Date	11/20/2023
Drawing No	

OU- 1
REYQ240AATJA

PIPING SIZES AND LENGTHS ARE FOR REFERENCE ONLY. INSTALLING CONTRACTOR SHALL FIELD VERIFY, CONFIRM, DOCUMENT, AND REPORT ACTUAL PIPING LENGTHS AND SIZES PER MANUFACTURER'S RECOMMENDATIONS.







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REVISIONS

#	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM #1

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MECHANICAL SCHEDULES

PLOT SCALE:

FILENAME: RSMR22

DATE: 01/24/2024

PROJECT 3636

M8.1

RATED WALL LEGEND

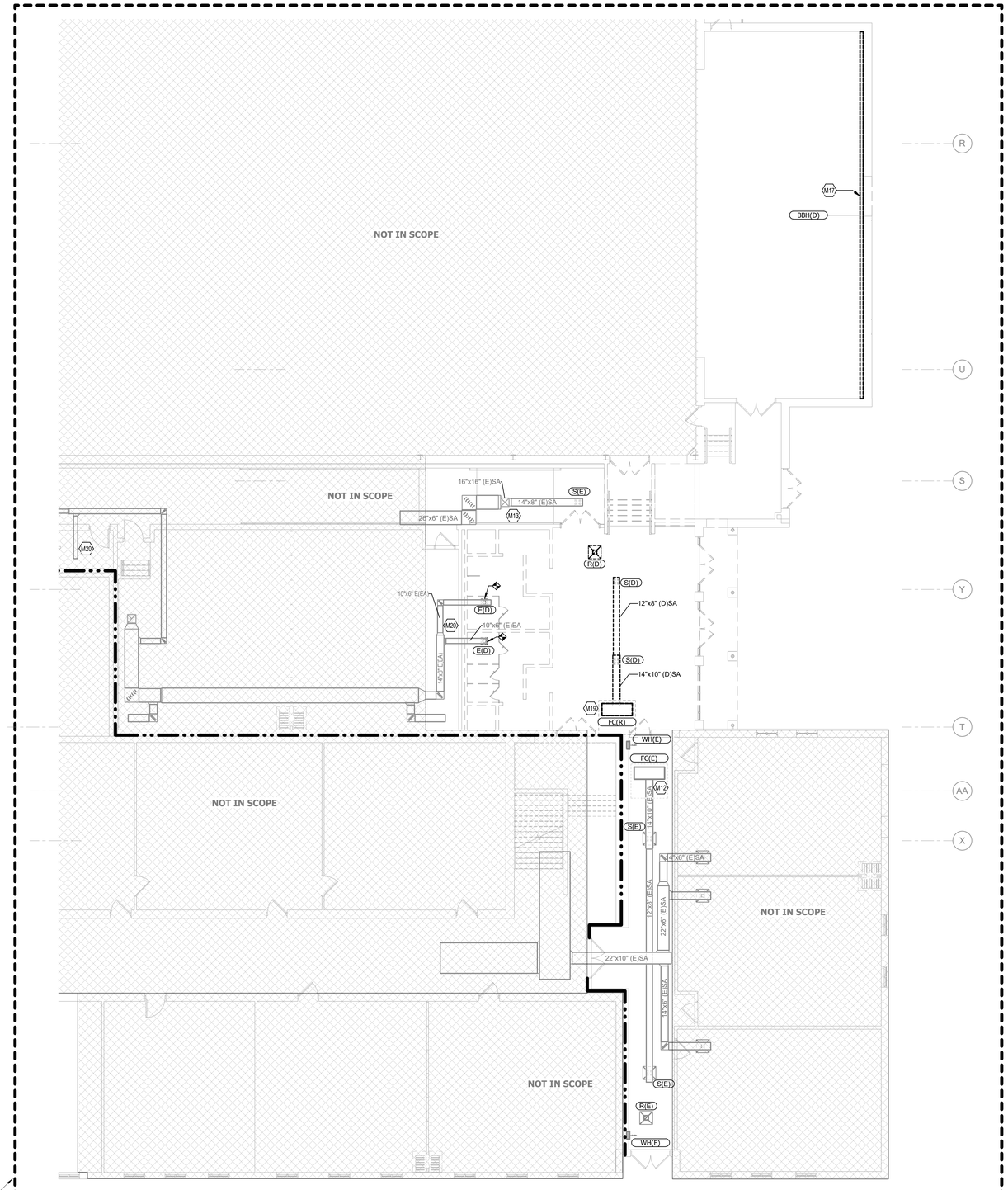
- 1 HOUR RATED FIRE BARRIER, PART OF SHAFT
- 2 HOUR RATED FIRE BARRIER, PART OF HORIZONTAL EXIT
- 2 HOUR RATED FIRE WALL, PART OF HORIZONTAL EXIT
- SMOKE PARTITION

MECHANICAL - DEMOLITION GENERAL NOTES

A. REFER TO SHEET **M0.0** FOR MECHANICAL SYMBOL LEGEND & NOTES
B. REFER TO **M7.1** & **M7.2** SERIES SHEETS FOR MECHANICAL DETAILS.
C. REFER TO **M8.1** SERIES SHEETS FOR MECHANICAL SCHEDULES.
D. REFER TO DIVISION 20 AND 23 SECTIONS OF PROJECT MANUAL FOR ALL MECHANICAL SPECIFICATIONS.
E. EXTENT OF DEMOLITION FOR CONTROLS WORK SHALL INCLUDE ALL PNEUMATIC TUBING FROM EACH CONTROL DEVICE, BACK TO SOURCE. THIS SHALL INCLUDE VALVES, DAMPERS, MOTORS, THERMOSTATS, ETC. WHERE LOCATED WITHIN CMU WALLS, TUBING SHALL BE REMOVED TO THE FULLEST EXTENT POSSIBLE AND ABANDONED IN PLACE.
F. CONTRACTOR IS RESPONSIBLE FOR PATCHING AND REPAIRING WALLS WHERE DUCTWORK AND/OR PIPING ARE TO BE DEMOLISHED AND NOT REPLACED.
G. EXISTING CONDITIONS INDICATED ARE BASED ON ORIGINAL DESIGN DRAWINGS AND LIMITED FIELD SURVEY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS IN THE FIELD AND ALERTING THE ARCHITECT/ENGINEER/OWNER IMMEDIATELY OF ANY VARIATIONS ENCOUNTERED.

KEYNOTES

M12 EXISTING FAN COIL SHALL REMAIN ALONG WITH ALL ASSOCIATED DUCTWORK.
M13 EXISTING SUPPLY AIR DUCTWORK TO EXISTING AIR HANDLING UNIT (AH-5)
M17 EXISTING BASEBOARD HEATER SHALL BE REMOVED COMPLETELY, INCLUDING ALL SUPPORTS, CONTROLS, PIPING, PIPE ACCESSORIES, ETC.
M19 EXISTING FAN COIL UNIT SHALL BE REMOVED AND PREPARED FOR RELOCATION AS PART OF THE NEW DESIGN. THIS SHALL INCLUDE ALL SUPPORTS, CONTROLS, ELECTRICAL CONNECTIONS, CONDENSATE PUMP, ETC. ASSOCIATED PIPING AND DUCTWORK SHALL BE REMOVED BACK TO POINT INDICATED. CONTRACTOR SHALL CLEAN THE UNIT AND PROTECT FROM DAMAGE/DIRT/DEBRIS DURING CONSTRUCTION.
M20 EXHAUST SYSTEM FROM EXISTING FAN F-15 TO BE REBALANCED TO ALLOW FOR INCREASED AIRFLOW FROM LOBBY AREA. SHOWER ROOMS B28 AND B29 (FROM THE 1997 DRAWINGS) TO BE REBALANCED TO 50 CFM EACH. A PRE-BALANCE SHALL BE PERFORMED ON ALL EXISTING AIR DEVICES CONNECTED TO THIS FAN TO DETERMINE CURRENT AIRFLOW AND CORRECT FUNCTION OF THE FAN.



ALL SCOPE OF WORK SHOWN WITHIN DASHED BOX SHALL BE PRICED AS PART OF ALTERNATE #1. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHICH NOTES, SCHEDULES, DETAILS, AND CONTROLS ARE APPLICABLE TO THE SCOPE OF WORK IN THIS AREA.

1 MECHANICAL AIR DISTRIBUTION FIRST FLOOR DEMOLITION - ADDITION
1/8" = 1'-0"

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM #1

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MECHANICAL AIR DISTRIBUTION FIRST FLOOR DEMOLITION - ADDITION

PLOT SCALE: 1/8" = 1'-0"
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

MD1.2

GENERAL NOTES (SITE):

A. DO NOT SCALE FROM MECHANICAL AND ELECTRICAL DRAWINGS. FIELD VERIFY REQUIRED DIMENSIONS AND COORDINATE WITH CIVIL DRAWINGS AND SURVEYS.

B. REFER ALSO TO ALL OTHER PLANS AND THE SPECIFICATION, BUT ESPECIALLY TO: THE SITE SURVEY, THE ARCHITECTURAL SITE PLAN, THE SITE GRADING PLAN, THE PLANTING PLAN (WHERE AVAILABLE), FOUNDATION PLAN(S), APPROPRIATE MECHANICAL & ELECTRICAL FLOOR PLANS FOR SERVICE CONTINUATIONS, THE SITE UTILITY PLAN - MECHANICAL & ELECTRICAL. WHERE THERE ARE CONFLICTS AMONG THESE PLANS AND/OR RELATED SPECIFICATIONS, ADVISE THESE ENGINEERS AT LEAST TEN DAYS PRIOR TO SUBMISSION OF BIDS.

C. ALL FEES AND ANY OTHER COSTS TO UTILITY COMPANIES, MUNICIPALITIES, INSPECTORS, REVIEWING AGENCIES, ETC. ARE TO BE INCLUDED AS A PART OF THIS CONTRACT.

D. FEDERAL, STATE, LOCAL, MUNICIPALITY AND UTILITY COMPANY CODES, RULES, REGULATIONS AND REQUIREMENTS APPLY UNLESS EXCEEDED BY THIS DESIGN.

E. WHEN INTERRUPTION OF AN EXISTING UTILITY OR SERVICE IS PLANNED OR OCCURS ACCIDENTALLY, THE CONTRACTOR(S) SHALL WORK CONTINUOUSLY AS NEEDED TO RESTORE SAME PROVIDING PREMIUM TIME AS NEEDED AT NO INCREASE IN THE CONTRACT PRICE.

F. LOCATIONS, DEPTHS, MATERIAL TYPES, ELEVATIONS, ETC. OF ALL APPURTENANCES, LINES, BUILDINGS, ETC. INDICATED ON THESE DRAWINGS WERE TAKEN FROM VARIOUS SOURCES, ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO SUBSTANTIAL VARIATION FROM EXISTING CONDITIONS, EXISTING UTILITIES LOCATIONS MAY VARY. CONSEQUENTLY ALL CONTRACTORS SHALL EXERCISE EXTREME CARE IN THE COURSE OF THEIR WORK SO AS TO ENSURE THAT THEY DO NOT INTERRUPT ANY EXISTING SERVICE. FOR SAFETY PURPOSES, PAY PARTICULAR ATTENTION TO THIS PRECAUTION RELATIVE TO NATURAL GAS AND ELECTRICAL LINES. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL FEDERAL, STATE, AND/OR LOCAL RULES, REGULATIONS, STANDARDS AND SAFETY REQUIREMENTS.

GENERAL NOTES (SITE):

G. PROVIDE LONG RADIUS ELBOWS FOR UNDERGROUND CONDUIT BENDS. WHERE SERVING A UTILITY OWNED TRANSFORMER, THE UTILTY STANDARDS SHALL TAKE PRECEDENCE.

H. UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE MUNICIPALITY OR UTILITY COMPANY STANDARDS. IN ALL CASES, THE MOST STRINGENT REQUIREMENT SHALL APPLY. IF ANY VARIATION OCCURS, CONSULT THE ENGINEER. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY THE ROUTING OF ALL UTILITIES NEW AND EXISTING PRIOR TO SUBMISSION OF BIDS. SUBMISSION OF A BID PROPOSAL INDICATES THAT THE CONTRACTOR IS FULLY AWARE OF ALL OBSTRUCTIONS AND WILL INSTALL ALL OF THE NEW UTILITIES WITHOUT REQUESTS FOR ANY ADDITIONAL CHANGES.

I. PROVIDE GALVANIZED RIGID CONDUIT FOR EXTERIOR UNDERGROUND TRANSITIONS TO ABOVE GRADE; EXTEND CONDUIT A MINIMUM OF 6" ABOVE GRADE.

J. CONTRACTOR SHALL CONTACT ENGINEER FOR INSPECTION OF TRENCHES PRIOR TO INSTALLATION OF CONDUITS OR RACEWAYS. PROVIDE PHOTOS UPON REQUEST.

K. CONTRACTOR SHALL CUT AND PATCH ALL PAVEMENT, CURBING, ETC. AS REQUIRED FOR WORK. CONTRACTOR SHALL REPAIR ALL LANDSCAPING THAT IS DAMAGED FOR WORK. FINISH GRADE, SEED AND STRAW ALL DISTURBED GREEN SPACES. ALL PATCH AND REPAIR WORK SHALL BE IN ACCORDANCE WITH BOTH CIVIL AND LANDSCAPE DRAWINGS AND SPECIFICATIONS.

KEYNOTES

E127 ROUTE CIRCUIT THROUGH BUILDING MOUNTED PHOTOCELL FOR ON/OFF CONTROL OF EXTERIOR FIXTURES.

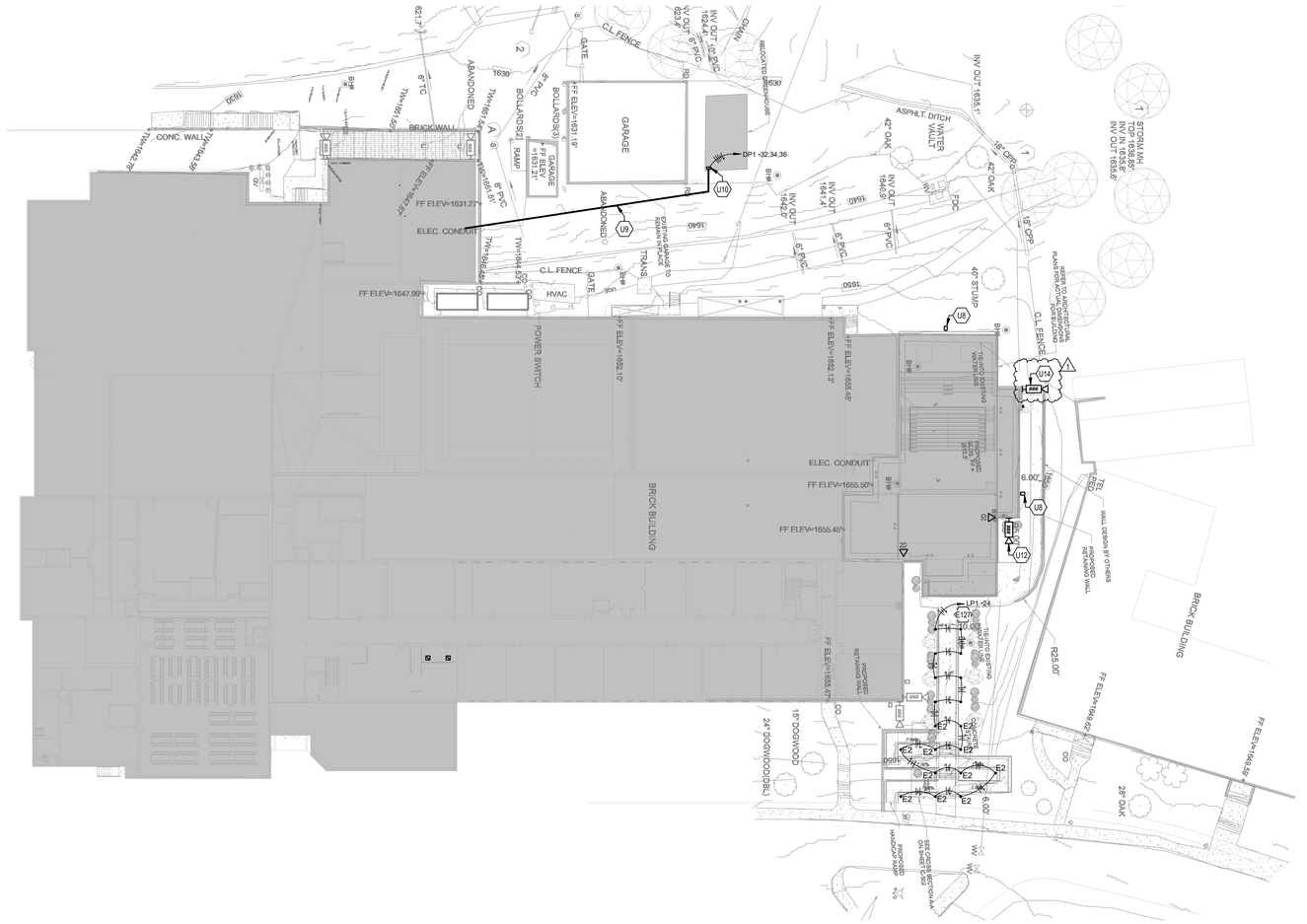
U8 RELOCATED EXISTING BUILDING-MOUNTED SITE LIGHT. INSTALL AT APPROXIMATELY 18' ABOVE GRADE. EXTEND CONDUCTORS/CONDUIT AS REQUIRED TO MAINTAIN EXISTING CIRCUIT. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

U9 UNDERGROUND CIRCUIT FROM NEW DISTRIBUTION PANEL "DP1" TO FEED GREENHOUSE AT NEW LOCATION. PROVIDE #8\10, 1#10 GROUND IN 3/4" CONDUIT, BURY CONDUIT AT A MINIMUM OF 24". COORDINATE EXACT POWER REQUIREMENTS OF GREENHOUSE WITH OWNER PRIOR TO ROUTING CIRCUIT.

U10 PROVIDE NEMA 3R, 240V, 30A/3P RATED DISCONNECT SWITCH FOR GREENHOUSE. EXTEND CIRCUIT FROM DISCONNECT TO EQUIPMENT WITHIN GREENHOUSE AS REQUIRED. COORDINATE EXACT POWER REQUIREMENTS AND FINAL LOCATION WITH OWNER PRIOR TO INSTALLATION.

1 U12 RELOCATED EXISTING BUILDING-MOUNTED CAMERA. INSTALL AT APPROXIMATELY 14' ABOVE GRADE. EXTEND CABLING/CONDUIT AS REQUIRED TO MAINTAIN EXISTING CONNECTION. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

U14 RELOCATED EXISTING BUILDING-MOUNTED CAMERA. INSTALL UNDERNEATH NEW EXTERIOR CANOPY AT APPROXIMATELY 8' AFF. EXTEND CABLING/CONDUIT AS REQUIRED TO MAINTAIN EXISTING CONNECTION. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.



1 NEW WORK SITE PLAN

3/15" 1" = 30'-0"
15' 30' 60' 90' 120'

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REVISIONS

	MM-DD-YR	NAME	DESCRIPTION OF CHANGES
1	02/20/24		ADDENDUM #1

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ELECTRICAL NEW WORK PLAN - SITE

PLOT SCALE: 1" = 30'-0"
FILENAME: RSMR22
DATE: 01/24/2024

PROJECT 3636

UE1.1