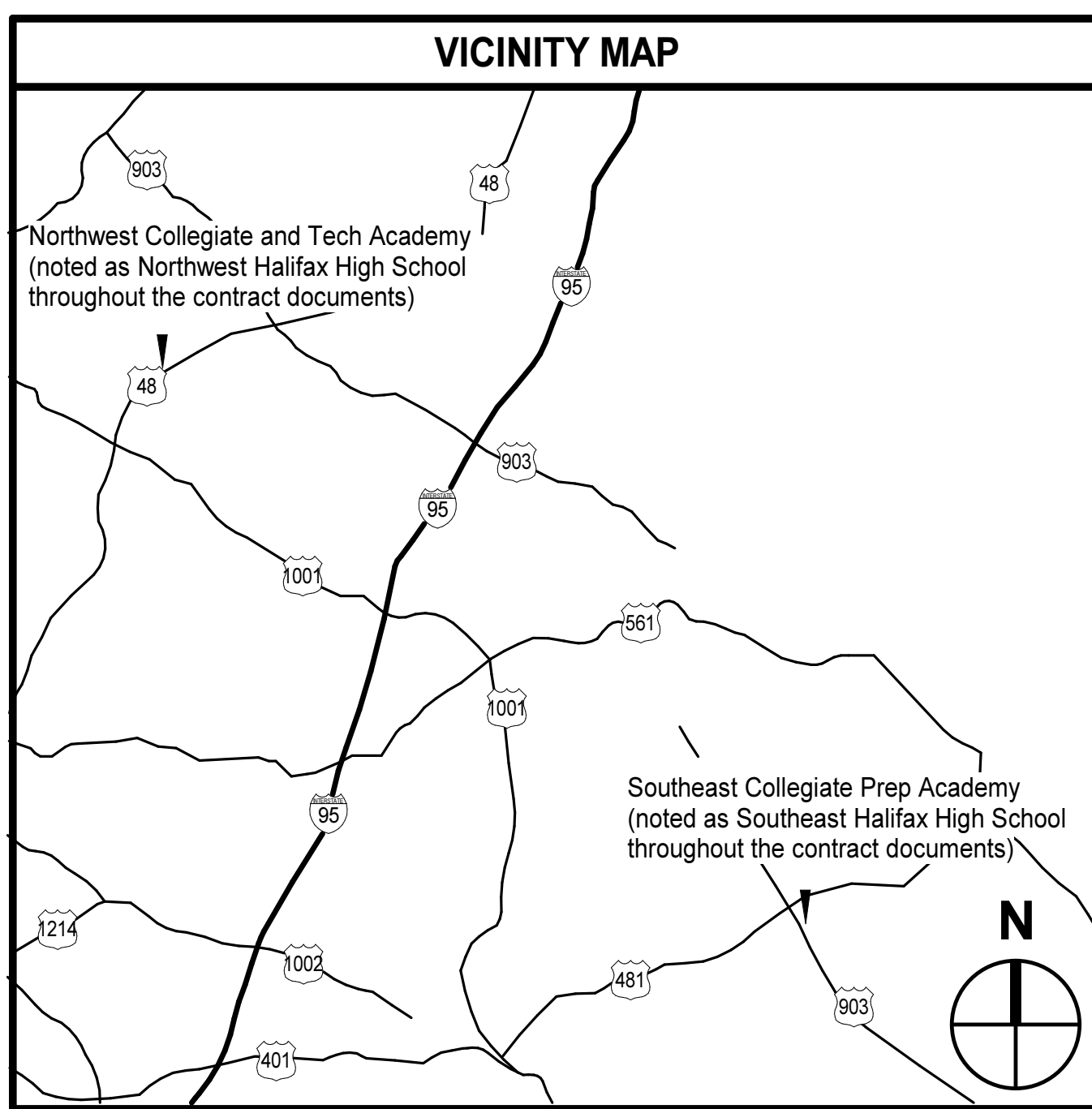


BID SET

HALIFAX CO MULTIPLE RENOVATIONS



HALIFAX COUNTY, NC

HALIFAX COUNTY SCHOOLS

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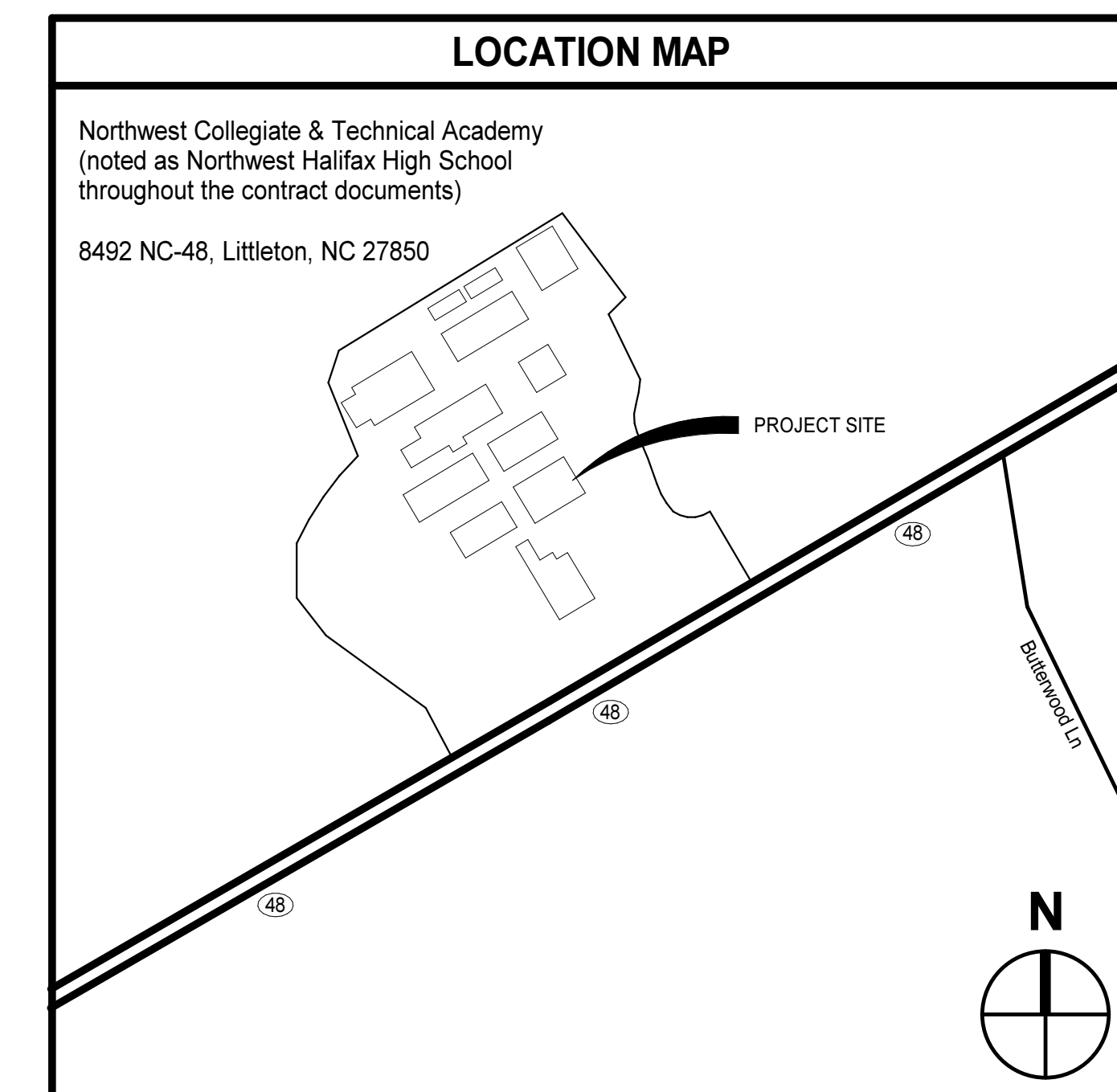
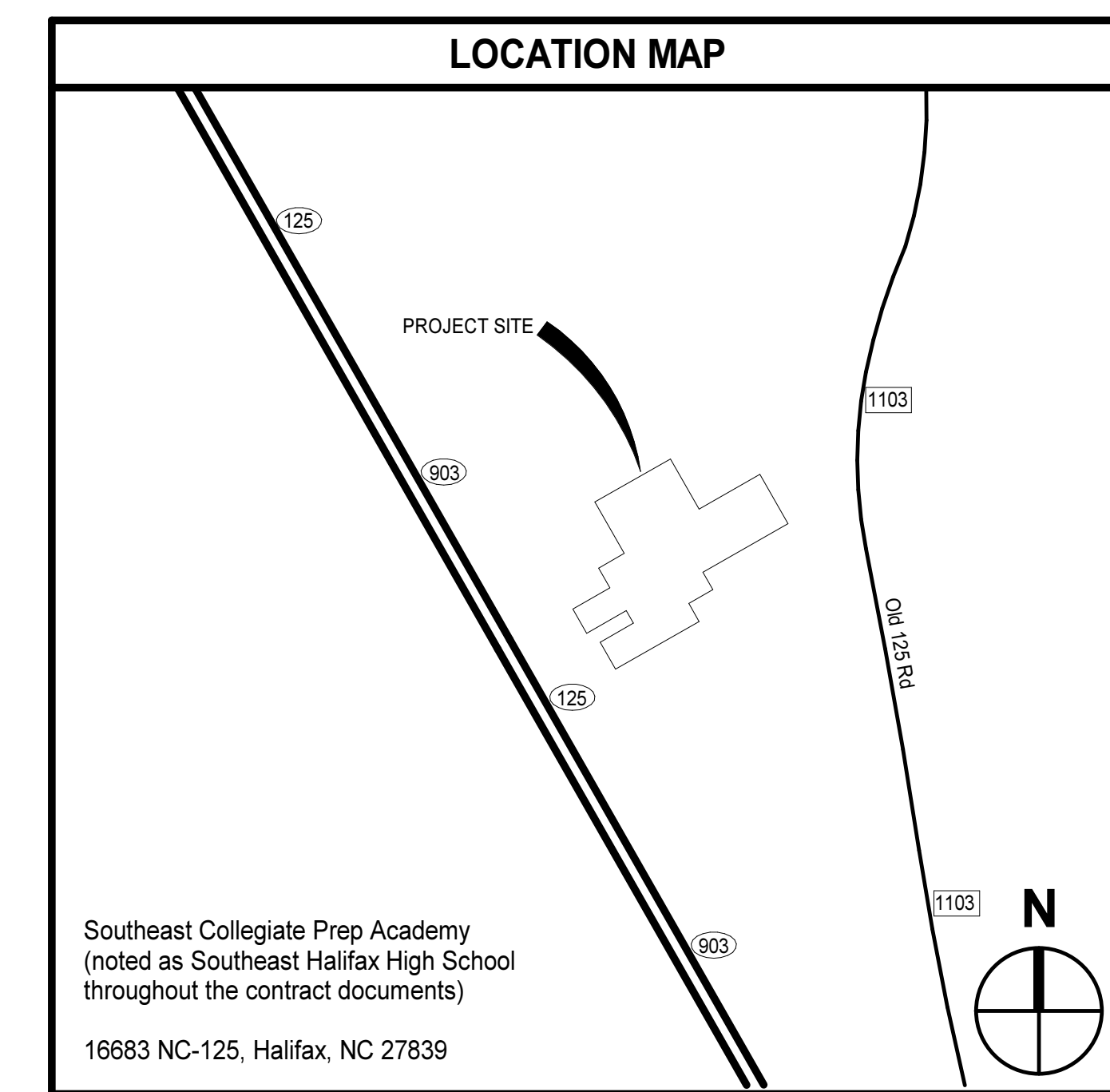
911 N. WEST STREET, SUITE 205 RALEIGH, NORTH CAROLINA 27603
PHONE (919) 840-0091
MOSELEYARCHITECTS.COM

FOODESIGN ASSOCIATES

220 N AMES STREET, SUITE 100, MATTHEWS, NC 28105

FOOD FACILITIES

MATTHEWS, NC

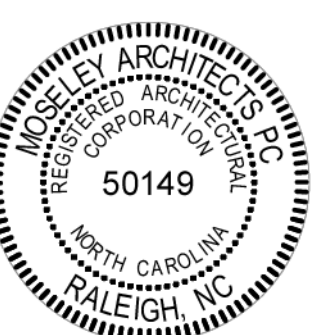
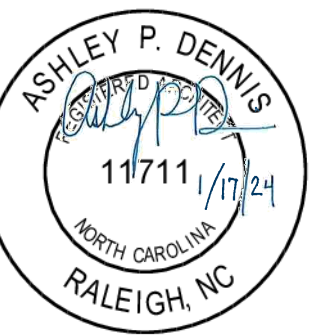


DRAWING INDEX	
LIFE SAFETY	MECHANICAL
LS1.0 CODE SUMMARY - SOUTHEAST HALIFAX HIGH SCHOOL	M0.1 LEGENDS, ABBREVIATIONS AND GENERAL NOTES
LS1.1 CODE SUMMARY - NORTHWEST HALIFAX HIGH SCHOOL	M0.2 SCHEDULES
LS2.1 LIFE SAFETY INFORMATION	M1.1 DEMOLITION PLAN - SOUTHEAST HALIFAX HIGH SCHOOL
ARCHITECTURAL	M1.2 ROOF DEMOLITION PLAN - SOUTHEAST HALIFAX HIGH SCHOOL
A0.1 GENERAL ARCHITECTURAL INFORMATION	M1.3 DEMOLITION PLAN - NORTHWEST HALIFAX HIGH SCHOOL
A0.2 WALL/PARTITION TYPES, WALL JOINTS AND TERMINATIONS	M2.1 FLOOR PLAN - SOUTHEAST HALIFAX HIGH SCHOOL
A1.0 DEMOLITION PLANS	M2.2 ROOF PLAN - SOUTHEAST HALIFAX HIGH SCHOOL
A2.0 FLOOR PLANS & FINISH SCHEDULE	M2.3 FLOOR PLAN - NORTHWEST HALIFAX HIGH SCHOOL
A3.1 DOOR AND FRAME SCHEDULE & DETAILS	M2.4 ROOF PLAN - NORTHWEST HALIFAX HIGH SCHOOL
A8.1 CASEWORK AND ELEVATIONS	M5.1 DETAILS AND CONTROLS
A9.0 REFLECTED CEILING PLANS	ELECTRICAL
A10.1 ROOF PLAN & DETAILS	E0.1 LEGENDS, ABBREVIATIONS AND GENERAL NOTES
FOOD SERVICE	E1.1 DEMOLITION PLAN - SOUTHEAST HS
FS.01 FOOD SERVICE EQUIPMENT PLAN	E1.2 DEMOLITION PLAN - NORTHWEST HS
FS.02 FOOD SERVICE EQUIPMENT SCHEDULE	E2.1 POWER & COMMUNICATIONS PLAN - SOUTHEAST HS
FS.03 FOOD SERVICE PLUMBING AND ELECTRICAL PLAN	E2.2 LIGHTING PLAN - SOUTHEAST HS
FS.04 FOOD SERVICE EXHAUST HOOD DETAILS	E2.3 POWER & COMMUNICATIONS PLAN - NORTHWEST HS
STRUCTURAL	E2.4 LIGHTING PLAN - NORTHWEST HS
S1.1 EXISTING FOUNDATION AND ROOF FRAMING PLAN AND GENERAL NOTES	E5.1 DIAGRAMS & SCHEDULES, & DETAILS
PLUMBING	
P0.1 LEGENDS, ABBREVIATIONS AND GENERAL NOTES	
P1.1 PLUMBING FOUNDATION PLUMBING PLAN - NWHS	
P1.2 PLUMBING FOUNDATION PLUMBING PLAN - SEHS	
P2.1 PLUMBING FLOOR PLANS DEMO/PROPOSED - NWHS	
P2.2 PLUMBING CHEM LAB FLOOR PLANS DEMO/PROPOSED - SEHS	
P2.3 PLUMBING CULINARY LAB FLOOR PLANS DEMO/PROPOSED - SEHS	
P2.4 SOUTHEAST HIGH SCHOOL BOILER ROOM	

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

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HALIFAX CO MULTIPLE RENOVATIONS
HALIFAX COUNTY SCHOOLS
16683 NC-125, HALIFAX, NC 27839
8492 NC-48, LITTLETON, NC 27850

PROJECT NO:	630516
DATE:	JANUARY 17, 2024
REVISIONS	
DATE	DESCRIPTION

COVER

CODE DATA SUMMARY

THIS SUMMARY DOES NOT IDENTIFY ALL APPLICABLE CODE SECTIONS AND IS A SUMMARY OF SELECTED CODE SECTIONS ONLY. CODE SECTIONS NOT IDENTIFIED OR OTHERWISE INDICATED DOES NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO COMPLY WITH APPLICABLE CODES, STANDARDS, AND REGULATIONS TO COMPLETE THE WORK.

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS (EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)

Name of Project: Halifax County Multiple Renovations - Culinary Arts & Science Lab at Southeast Halifax High School
Address: 16683 NC Highway 125, Halifax, NC
Owner/Authorized Agent: Anthony Alston
Phone: (252) 678-4344
E-Mail: alstonah@halifax.k12.nc.us
Owned By: City/County Private State
Code Enforcement Jurisdiction: City County Halifax State

CONTACT: Table with columns for DESIGNER, FIRM, NAME, LICENSE #, TELEPHONE #, E-MAIL. Lists Moseley Architects and Foodesign Associates.

2018 NC BUILDING CODE: New Building Addition Renovation
1st Time Interior Completion
Shell Core - Contact the local inspection jurisdiction for possible additional procedures and requirements
Phased Construction - Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements

2018 NC EXISTING BUILDING CODE: EXISTING: Prescriptive Repair Chapter 14
Alteration: Level I Level II Level III
Change of Use

CONSTRUCTED: (date) 1979-1980 CURRENT OCCUPANCY(S) (Ch. 3): E
RENOVATED: (date) N/A PROPOSED OCCUPANCY(S) (Ch. 3): E
RISK CATEGORY (Table 1604.5): Current: I II III IV Proposed: I II III IV

BASIC BUILDING DATA: Construction Type: F-A II-A III-A IV V-A
Sprinklers: No Partial Yes NFPA 13 NFPA 13R NFPA 13D
Standpipes: No Yes Class I II III Wet Dry
Fire District: No Yes Flood Hazard Area: No Yes
Special Inspections Required: No Yes

Table: Gross Building Area Table. Columns: FLOOR, EXISTING (SQ FT), NEW (SQ FT), Renovated Work Area (SQ FT), SUB-TOTAL. Rows: 3rd Floor, 2nd Floor, Mezzanine, 1st Floor, Basement, TOTAL.

ALLOWABLE AREA: Primary Occupancy Classification(s): Assembly A-1 A-2 A-3 A-4 A-5
Business
Educational
Factory F-1 Moderate F-2 Low
Hazardous H-1 Detonate H-2 Dehagrate H-3 Combust H-4 Health H-5 HPM
Institutional I-1 Condition I-2
I-3 Condition I-2 I-3 I-4 I-5
I-4
Mercantile
Residential R-1 R-2 R-3 R-4
Storage S-1 Moderate S-2 Low High-piled
Parking Garage Open Enclosed Repair Garage
Utility and Miscellaneous

Accessory Occupancy Classification(s): Business
Incidental Uses (Table 509):
Special Uses (Chapter 4 - List Code Sections): Section 430 - Public Schools
Special Provisions (Chapter 5 - List Code Sections):
Mixed Occupancy: No Yes Separation: Hr. Exception:
Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
Separated Use (508.4) - See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.
Actual Area of Occupancy A + Actual Area of Occupancy B / Allowable Area of Occupancy A + Allowable Area of Occupancy B <= 1
+ + + + + <= 1.00

2018 NC Administrative Code and Policies Revised 6/15/2020

Table: ACCESSIBLE DWELLING UNITS (SECTION 1107). Columns: UNIT CLASSIFICATION, TOTAL UNITS, ACCESSIBLE UNITS REQUIRED, ACCESSIBLE UNITS PROVIDED, TYPE A UNITS REQUIRED, TYPE A UNITS PROVIDED, TYPE B UNITS REQUIRED, TYPE B UNITS PROVIDED, TOTAL ACCESSIBLE UNITS PROVIDED.

Frontage area increases from Section 506.3 are computed thus:
a. Perimeter which fronts a public way or open space having 20 feet minimum width = (F)
b. Total Building Perimeter = (P)
c. Ratio (F/P) = (F/P)
d. W = Minimum width of public way = (W)
e. Percent of frontage increase I_f = 100(F/P - 0.25) x W/30 = (%)
Unlimited area applicable under conditions of Section 507.
Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
The maximum area of open parking garages must comply with Table 406.5.4.
The maximum area of open parking garages must comply with Table 406.5.4.
Frontage increase is based on the unspinklered area value in Table 506.2.

Table: ALLOWABLE HEIGHT. Columns: ALLOWABLE, SHOWN ON PLANS, CODE REFERENCE. Rows: Building Height in Feet (Table 504.3), Building Height in Stories (Table 504.4).

Provide code reference if the "Shown on Plans" quantity is not based on Table 504.3 or 504.4.
The maximum height of air traffic control towers must comply with Table 412.1.1.
The maximum height of open parking garages must comply with Table 406.5.4.

FIRE PROTECTION REQUIREMENTS

Table: FIRE PROTECTION REQUIREMENTS. Columns: BUILDING ELEMENT, FIRE SEPARATION DISTANCE (FEET), RATED (BY NCIBC), RATING PROVIDED, DETAIL # AND SHEET #, DESIGN # FOR RATED ASSEMBLY, SHEET # FOR RATED PENETRATION, SHEET # FOR RATED JOINTS. Rows: Structural Frame, Bearing Walls, Exterior, Interior, Nonbearing Walls and Partitions, Floor Construction, Shaft Enclosures, Corridor Separation, Party Fire Wall Separation, Smoke Barrier Separation, Smoke Partition, Truss/Dwelling Unit/Sleeping Unit Separation, Incidental Use Separation.

Indicate section number permitting reduction

Table: PERCENTAGE OF WALL OPENING CALCULATIONS. Columns: FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINE, DEGREE OF OPENINGS PROTECTION (TABLE 705.8), ALLOWABLE AREA (%), ACTUAL SHOWN ON PLANS (%). Rows: N/A, N/A, N/A, N/A.

LIFE SAFETY SYSTEM REQUIREMENTS: Emergency Lighting: No Yes
Exit Signs: No Yes (Existing to remain)
Fire Alarm: No Yes
Smoke Detection Systems: No Yes Partial
Carbon Monoxide Detection: No Yes

LIFE SAFETY PLAN REQUIREMENTS

Life Safety Plan Sheet #: LS2.1
Fire and/or smoke rated wall locations (Chapter 7)
Assumed and real property line locations (if not on the site plan)
Exterior wall opening area with respect to distance to assumed property lines (705.8)
Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
Occupant loads for each area
Exit sign locations (1013)
Exit access travel distances (1017)
Common path of travel distances (Tables 1006.2.1 & 1006.3.2(1))
Dead end lengths (1020.4)
Clear exit widths for each exit door
Maximum calculated occupant load capacity each exit door can accommodate based on egress width (1005.3)
Actual occupant load for each exit door
A separate schematic plan indicating where fire rated floor/ceiling and/or roof structure is provided for purposes of occupancy separation
Location of doors with panic hardware (1010.1.10)
Location of doors with delayed egress locks and the amount of delay (1010.1.9.7)
Location of doors with electromagnetic egress locks (1010.1.9.9)
Location of doors equipped with hold-open devices
Location of emergency escape windows (1030)
The square footage of each fire area (202)
The square footage of each smoke compartment for Occupancy Classification 1-2 (407.5)
Note any code exceptions or table notes that may have been utilized regarding the items above

2018 NC Administrative Code and Policies Revised 6/15/2020

Table: ACCESSIBLE DWELLING UNITS (SECTION 1107). Columns: UNIT CLASSIFICATION, TOTAL UNITS, ACCESSIBLE UNITS REQUIRED, ACCESSIBLE UNITS PROVIDED, TYPE A UNITS REQUIRED, TYPE A UNITS PROVIDED, TYPE B UNITS REQUIRED, TYPE B UNITS PROVIDED, TOTAL ACCESSIBLE UNITS PROVIDED.

Table: ACCESSIBLE PARKING (SECTION 1106). Columns: LOT OR PARKING AREA, TOTAL # OF PARKING SPACES REQUIRED, # OF ACCESSIBLE SPACES PROVIDED, 96" SPACES, 132" SPACES, TOTAL # ACCESSIBLE SPACES PROVIDED. Rows: Existing to remain, TOTAL.

Table: PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1). Columns: USE, WATER CLOSETS, URINALS, LAVATORIES, SHOWERS, DRINKING FOUNTAINS. Rows: SPACE, EXIST'G, NEW, REQ'D.

SPECIAL APPROVALS

Special approval: (Local Jurisdiction, Department of Insurance, OSC, DPI, DHHS, etc., describe below)
DPI, DHHS

ENERGY SUMMARY

ENERGY REQUIREMENTS: The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code: No Yes (The remainder of this section is not applicable)
Exempt Building: No Yes (Provide code or statutory reference): 2018 NCECC, C501.1.1

Climate Zone: 3A 4A 5A
Method of Compliance: Energy Code Performance Prescriptive
ASHRAE 90.1 Performance Prescriptive
(If "Other" specify source here, 2018 NCECC Chapter 5)

THERMAL ENVELOPE (Prescriptive method only)

Roof/ceiling Assembly (each assembly)
Description of assembly: Existing to remain
U-Value of total assembly:
R-Value of insulation:
Skylights in each assembly:
U-Value of skylight:
total square footage of skylights in each assembly:
Exterior Walls (each assembly)
Description of assembly: Existing to remain
U-Value of total assembly:
R-Value of insulation:
Openings (windows or doors with glazing)
U-Value of assembly:
Solar heat gain coefficient:
projection factor:
Door R-Values:
Walls below grade (each assembly)
Description of assembly: Existing to remain
U-Value of total assembly:
R-Value of insulation:
Floors over unconditioned space (each assembly)
Description of assembly: Existing to remain
U-Value of total assembly:
R-Value of insulation:
Floors slab on grade
Description of assembly: Existing to remain
U-Value of total assembly:
R-Value of insulation:
Horizontal/vertical requirement:
slab heated:

2018 NC Administrative Code and Policies Revised 6/15/2020

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS STRUCTURAL DESIGN (PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)

DESIGN LOADS: Importance Factors: Snow (h) 1.1 Seismic (h) N/A
Live Loads: Roof 20/12 psf Mezzanine N/A Floor N/A
Ground Snow Load: 15 psf
Wind Load: Ultimate Wind Speed 120 mph (ASCE-7) Exposure Category G

SEISMIC DESIGN CATEGORY: A B C D
Provide the following Seismic Design Parameters: Risk Category (Table 1604.5) I II III IV Spectral Response Acceleration S_s % S_l %
Site Classification (ASCE 7) A B C D E F
Data Source: Field Test Presumptive Historical Data
Basic structural system: Bearing Wall Building Frame Moment Frame Inverted Pendulum Dual w/Special Moment Frame Dual w/Intermediate R/C or Special Steel Simplified Equivalent Lateral Force Yes No

LATERAL DESIGN CONTROL: Earthquake Wind
SOIL BEARING CAPACITIES: Field Test (provide copy of test report) Presumptive Bearing capacity 2,000 psf Pile size, type, and capacity

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS MECHANICAL DESIGN (PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)

MECHANICAL SUMMARY

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT

Thermal Zone: winter dry bulb: 18.5°F summer dry bulb: 84.9°F
Interior design conditions: winter dry bulb: 70°F summer dry bulb: 75°F relative humidity: 20% RH

Building heating load: EXISTING TO REMAIN
Building cooling load: EXISTING TO REMAIN

Mechanical Spacing Conditioning System: Unitary description of unit: heating efficiency: cooling efficiency: size category of unit:
Boiler: Size category. If oversized, state reason: EXISTING TO REMAIN
Chiller: Size category. If oversized, state reason: EXISTING TO REMAIN
List equipment efficiencies: EXISTING TO REMAIN

2018 APPENDIX B BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS ELECTRICAL DESIGN (PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

ELECTRICAL SUMMARY

ELECTRICAL SYSTEM AND EQUIPMENT (Existing to remain)

Method of Compliance: Energy Code Performance Prescriptive
ASHRAE 90.1 Performance Prescriptive

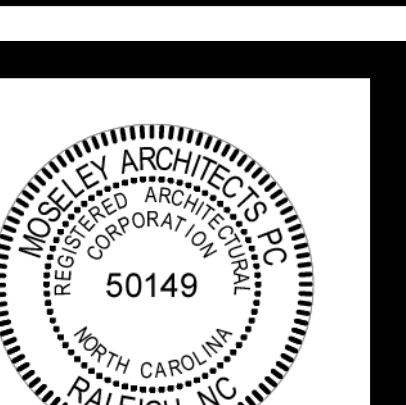
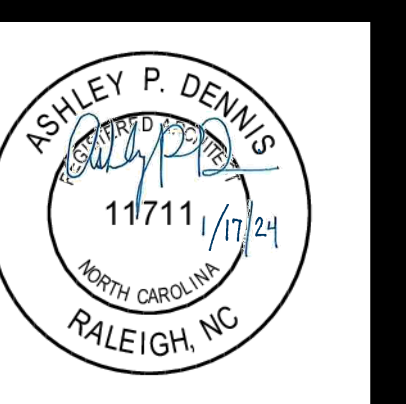
Lighting schedule (each fixture type) lamp type required in fixture number of lamps in fixture ballast type used in the fixture number of ballasts in fixture total wattage per fixture total interior wattage specified vs. allowed (whole building or space by space) total exterior wattage specified vs. allowed

Additional Efficiency Package Options (When using the 2018 NCECC; not required for ASHRAE 90.1)

- C406.2 More Efficient HVAC Equipment Performance
C406.3 Reduced Lighting Power Density
C406.4 Enhanced Digital Lighting Controls
C406.5 On-Site Renewable Energy
C406.6 Dedicated Outdoor Air System
C406.7 Reduced Energy Use in Service Water Heating

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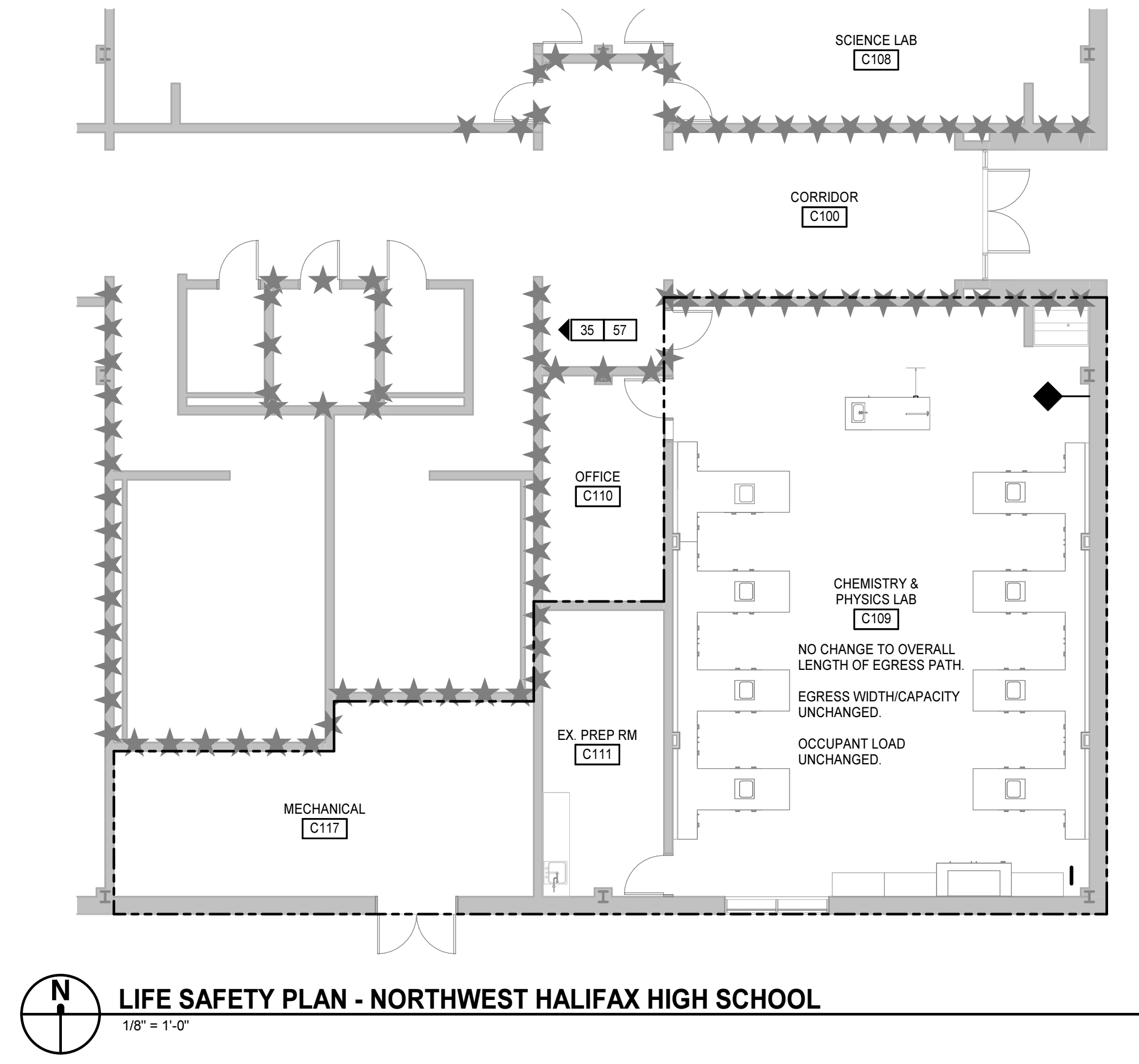
PROJECT NO: 630516
DATE: JANUARY 17, 2024

Table: REVISIONS. Columns: DATE, DESCRIPTION.

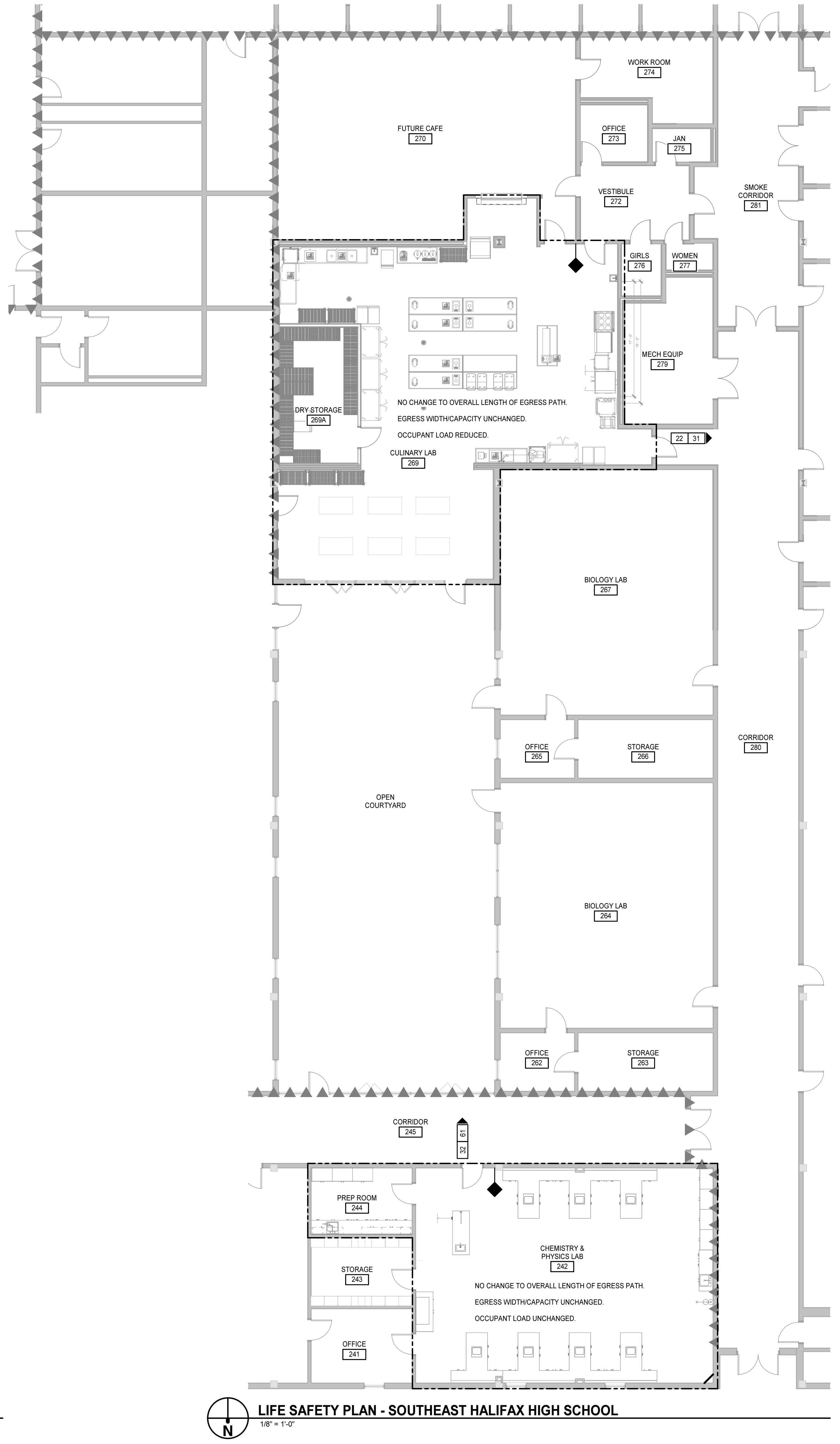
CODE SUMMARY - SOUTHEAST HALIFAX HIGH SCHOOL

LS1.0

1/18/2024 1:41:44 PM



LIFE SAFETY PLAN - NORTHWEST HALIFAX HIGH SCHOOL
1/8" = 1'-0"



LIFE SAFETY PLAN - SOUTHEAST HALIFAX HIGH SCHOOL
1/8" = 1'-0"

OCCUPANCY SCHEDULE - SOUTHEAST HALIFAX HIGH SCHOOL

SPACE NUMBER	SPACE NAME	USE CLASSIFICATION	USED TO DETERMINE OCCUPANCY FACTOR ONLY	FLOOR AREA PER OCCUPANT	AREA		OCCUPANCY LOAD		
					GROSS SF	NET SF	TABULAR	ACTUAL DESIGN	
241	OFFICE	E	BUSINESS AREA	100 SF	165	•	2	1	1
242	CHEMISTRY & PHYSICS LAB	E	EDUCATIONAL, CLASSROOM	20 SF	1112	•	56	29	29
243	STORAGE	E	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	150	•	1	1	1
244	PREP ROOM	E	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	147	•	1	1	1
268	CULINARY CLASSROOM	E	EDUCATIONAL, CLASSROOM	20 SF	528	•	27		27
269	CULINARY LAB	E	EDUCATIONAL, SHOP & VOCATIONAL	50 SF	956	•	20	21	21
269A	DRY STORAGE	E	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	235	•	1	1	1
									81

OCCUPANCY SCHEDULE - NORTHWEST HALIFAX HIGH SCHOOL

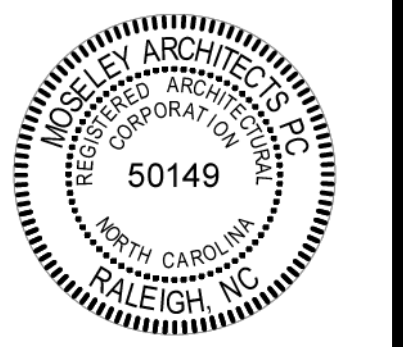
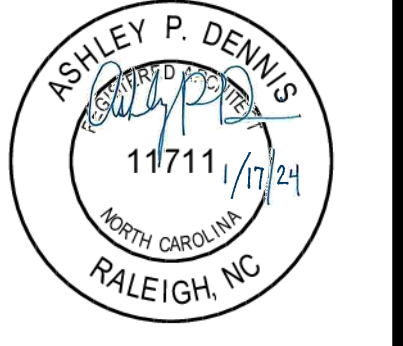
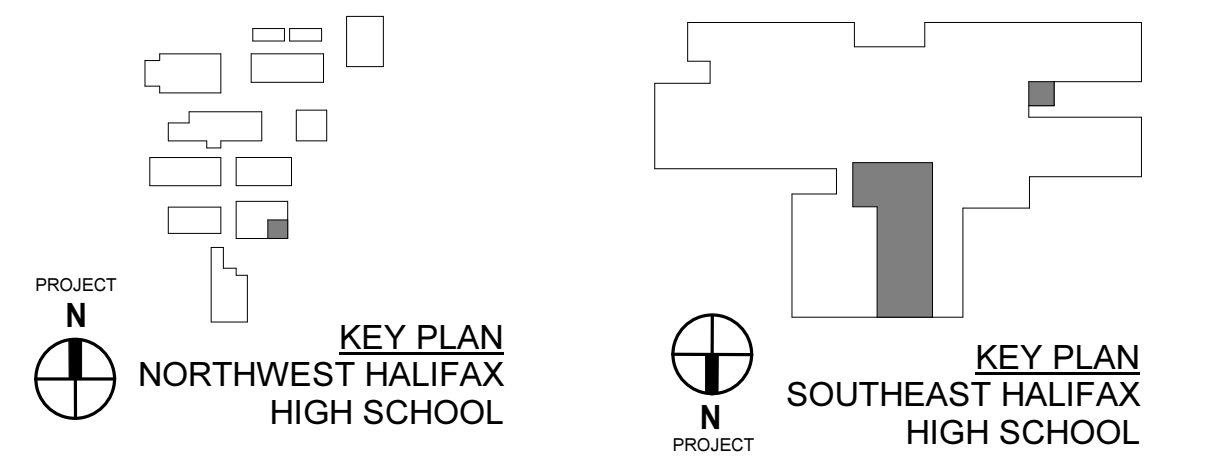
SPACE NUMBER	SPACE NAME	USE CLASSIFICATION	USED TO DETERMINE OCCUPANCY FACTOR ONLY	FLOOR AREA PER OCCUPANT	AREA		OCCUPANCY LOAD		
					GROSS SF	NET SF	TABULAR	ACTUAL DESIGN	
C109	CHEMISTRY & PHYSICS LAB	E	EDUCATIONAL, CLASSROOM	20 SF	1052	•	53	33	33
C110	OFFICE	E	BUSINESS AREA	100 SF	161	•	2	1	1
C111	EX. PREP RM	E	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	204	•	1	1	1
C117	MECHANICAL	E	ACCESSORY STORAGE & MECHANICAL EQUIPMENT ROOM	300 SF	419	•	2	2	2
									37

LIFE SAFETY SYMBOL LEGEND
APPLIES TO LS SERIES OF DRAWINGS ONLY

DESIGNATOR MATRIX	SYMBOLS			
	WALL	BARRIER	PARTITION	RATED BEARING OR NON-BEARING WALL
4 HR FIRE	▲▲▲▲▲			
3 HR FIRE	▲▲▲▲			
2 HR FIRE	▲▲▲			
1 HR FIRE	▲▲			
1/2 HR FIRE	▲			
SMOKE			*****	
SMOKE-TIGHT				
INCIDENTAL				

NOTES:
 1. WALL DESIGNATIONS ON THE LS SERIES OF DRAWINGS ARE FOR GRAPHICAL PURPOSES ONLY AND MAY NOT REPRESENT THE ACTUAL WALL/PARTITION CONSTRUCTION.
 2. REFER TO THE CONTRACT DOCUMENTS, INCLUDING THE LIFE SAFETY SYMBOLS LEGEND AND A0, A1 AND, A2 SERIES OF DRAWINGS, FOR ACTUAL WALL/PARTITION TYPES AND CONSTRUCTION REQUIREMENTS.
 3. RATING OF BEARING OR NON-BEARING WALLS ARE PER TABLE 601 AND SECTION 902.1 AND DO NOT REQUIRE PROTECTED OPENINGS.
 4. DESIGNATIONS INDICATED IN GREY TONE ON THE LIFE SAFETY PLANS ARE EXISTING AND BASED OFF OF INFORMATION PROVIDED BY OWNER. NOTIFY ARCHITECT IF FIELD CONDITIONS VARY.

SYMBOLS:
 1205 ROOM NUMBER
 788 1280 DIRECTION OF EGRESS
 788 1280 EGRESS LOAD CAPACITY
 788 1280 NUMBER OF OCCUPANTS
 788 1280 EGRESS LOAD CAPACITY
 XXX'-X" MAXIMUM TRAVEL DISTANCE
 XXX'-X" COMMON PATH OF TRAVEL
 CPOT
 EXISTING FIRE EXTINGUISHER CABINET
 LIMITS OF CONSTRUCTION



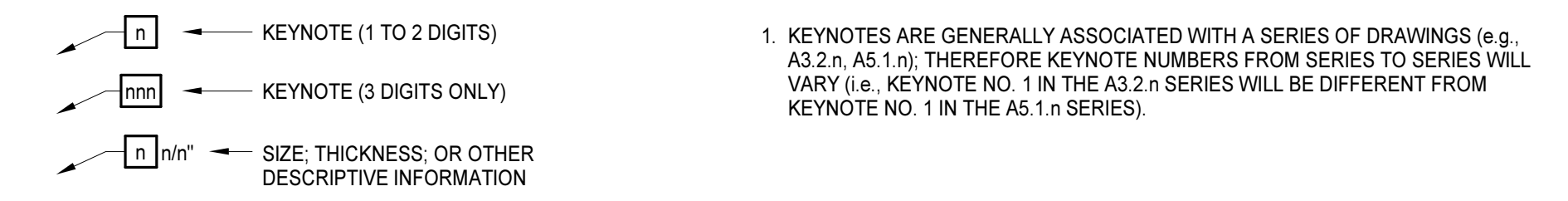
PROJECT NO: 630516
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REVISIONS	DATE	DESCRIPTION

ARCHITECTURAL ABBREVIATIONS

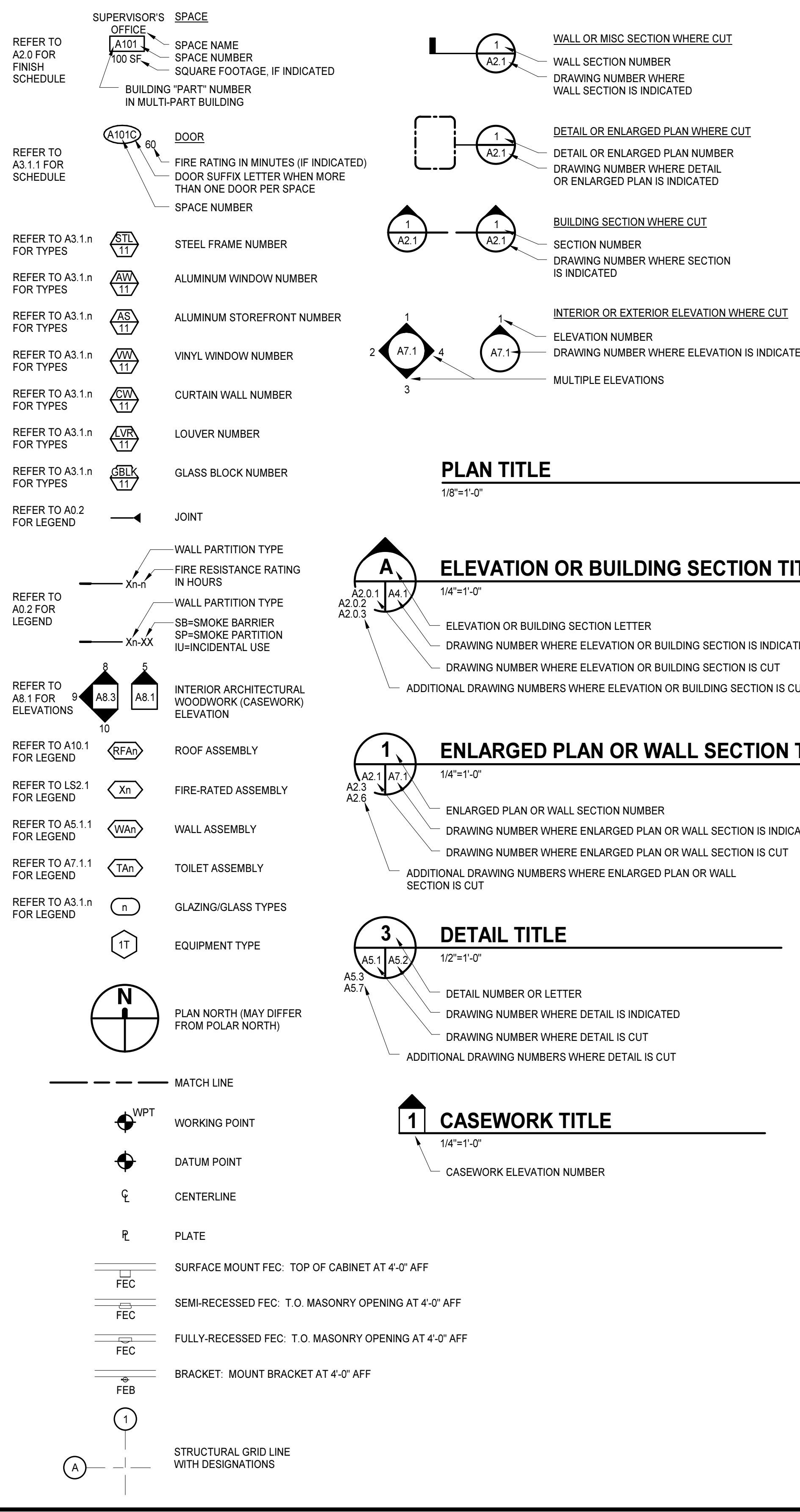
Table of architectural abbreviations with columns for symbol, description, and alternate symbols. Includes terms like ACCIDENT PAINT, AIR BARRIER SYSTEM, ABOVE, ACOUSTICAL CEILING PANEL, etc.

KEYNOTES



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

ARCHITECTURAL GRAPHIC SYMBOL LEGEND



ARCHITECTURAL GENERAL NOTES

- A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL...
B. ELEMENTS THAT ARE IDENTIFIED BY OTHER DISCIPLINES (e.g. CIVIL, STRUCTURAL, PLUMBING, FIRE PROTECTION, MECHANICAL, ELECTRICAL) ELSEWHERE WITHIN THE ARCHITECTURAL SERIES OF DRAWINGS...
C. ELEMENTS IDENTIFIED IN "LEGENDS" AND/OR "GENERAL NOTES" MAY NOT BE NOTED IN DETAILS, OR SECTIONS, AS THESE ELEMENTS ARE IDENTIFIED IN THE LEGENDS...
D. REFER TO "ASSEMBLIES" FOR MATERIALS AND COMPONENTS THAT MAKE UP THAT PARTICULAR ASSEMBLY...
E. VERIFY ALL DIMENSIONS, INCLUDING DIMENSIONS ON STRUCTURAL DRAWINGS AND OTHER ARCHITECTURAL DRAWINGS...
F. PROVIDE CONCRETE HOUSEKEEPING PADS FOR ALL EQUIPMENT INDICATED TO BE MOUNTED OR OTHERWISE REQUIRED TO BE MOUNTED TO THE FLOOR...
G. PATCH AND PAINT AS NEEDED AND/OR REQUIRED WHERE DEMOLITION AND NEW WORK HAS OCCURRED TO MATCH EXISTING.

ARCHITECTURAL MATERIALS LEGEND

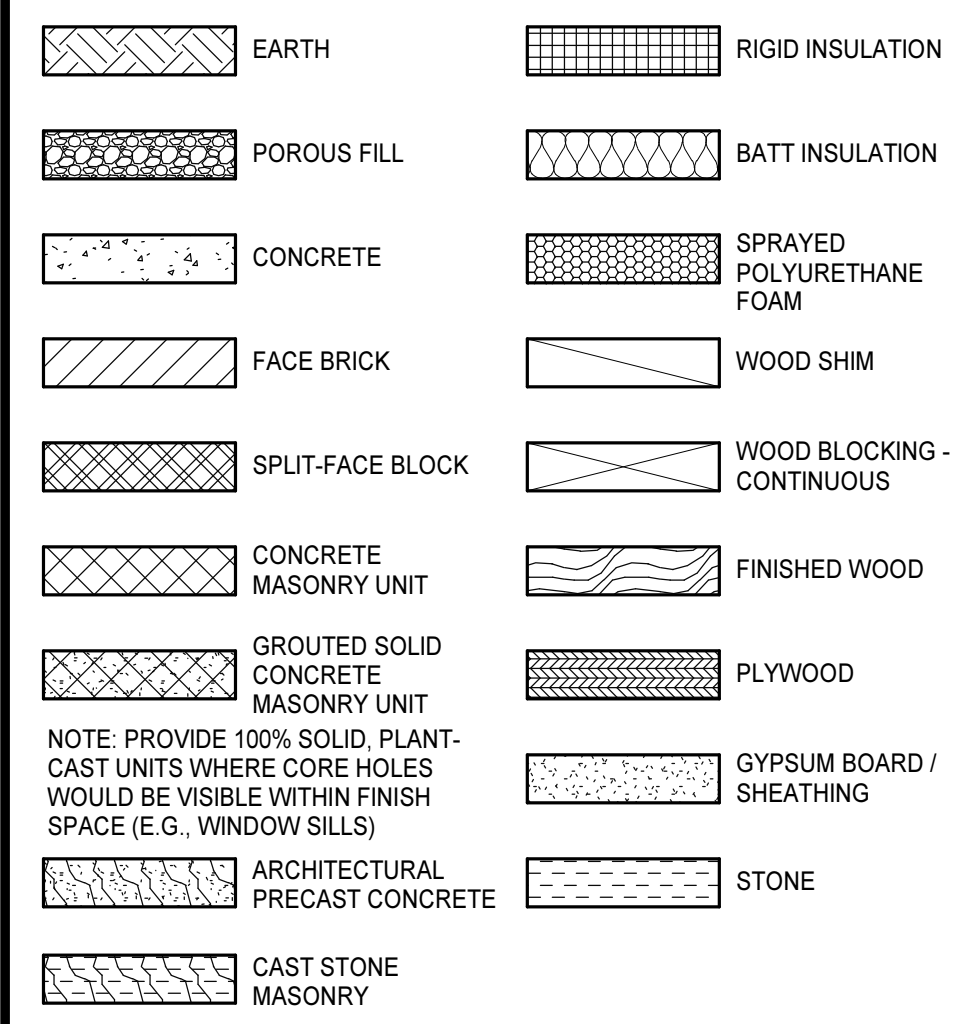
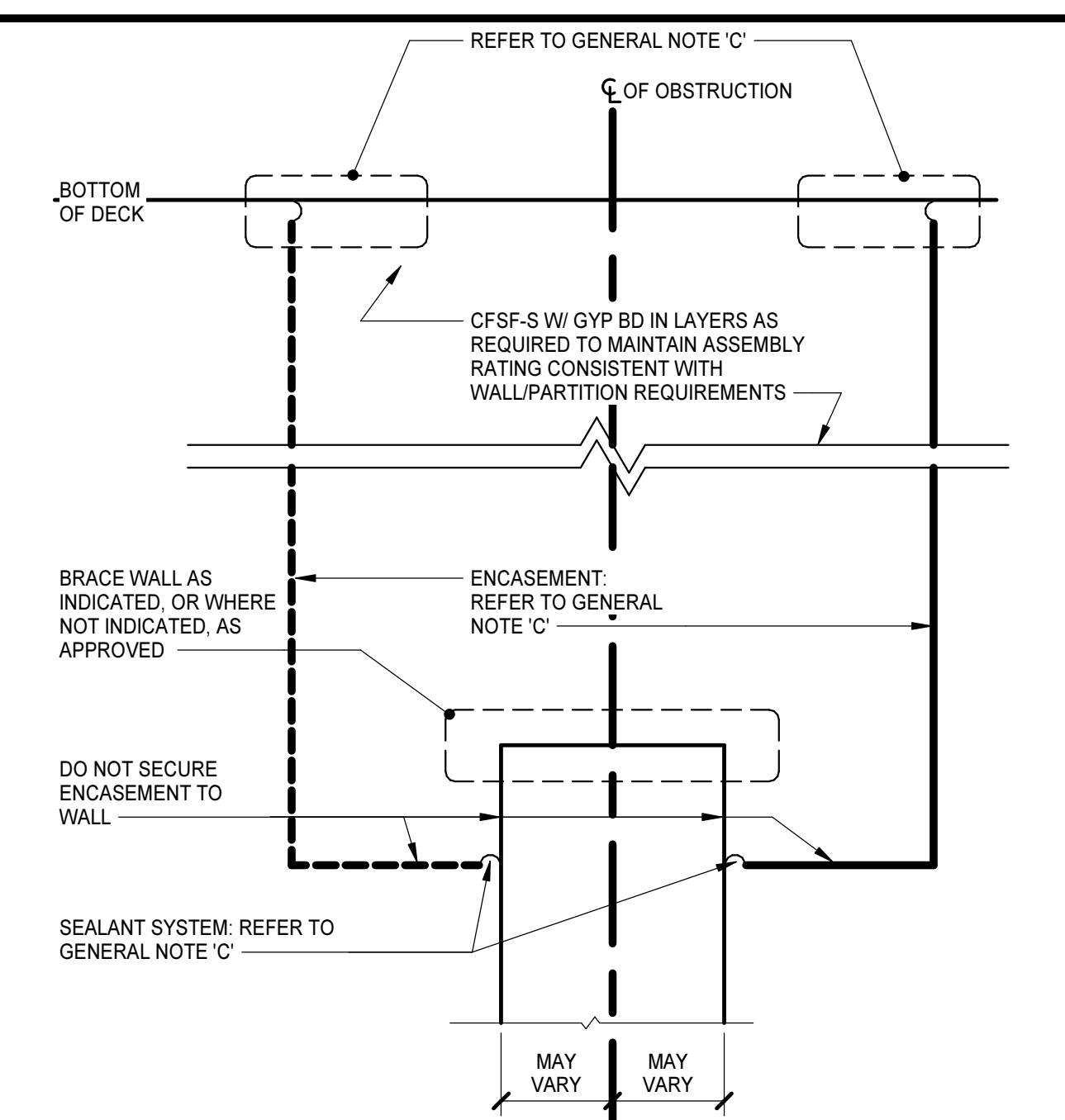


Table with columns: DATE, REVISIONS, DESCRIPTION. Includes project number 630516 and date JANUARY 17, 2024.

TERMINATION GENERAL NOTES

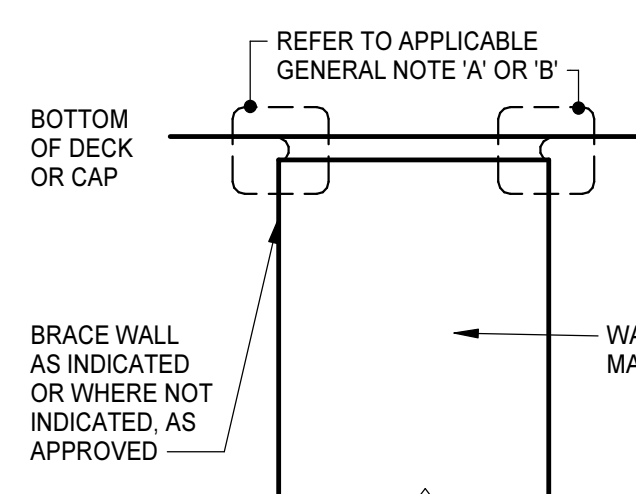
- A. AT FIRE, SMOKE, AND ACOUSTICALLY RATED WALLS: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G. CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES); OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES)) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS. BRACE WALL AS INDICATED OR REQUIRED.
- B. AT ALL OTHER WALLS INDICATED TO EXTEND TO UNDERSIDE OF FLOOR/ROOF DECK/CAP: SEAL ALL NON-OBSTRUCTED HEAD-OF-WALL CONDITIONS IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS BASED ON CONDITION ENCOUNTERED (E.G. CMU-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES); OR CFSF-TO-DECK (PARALLEL OR PERPENDICULAR TO FLUTES)). BRACE WALL AS INDICATED OR REQUIRED.
- C. AT ALL WALLS PREVENTED FROM TERMINATING AT THE UNDERSIDE OF FLOOR/ROOF DECK BY OBSTRUCTIONS, COMPLY WITH THE FOLLOWING:
 - AT FIRE, SMOKE, AND ACOUSTICALLY-RATED WALLS: ENCASE OBSTRUCTION(S) TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.
 - AT SECURITY WALLS: TERMINATE IN ACCORDANCE WITH SECURITY PARTITION REQUIREMENTS.
 - AT OTHER WALLS: ENCASE OBSTRUCTION(S) ON ONE SIDE.
 - SEAL ENCASMENT TO WALL AND SEAL ENCASMENT TO DECK IN ACCORDANCE WITH JOINT SYSTEM MANUFACTURER'S RECOMMENDATIONS AND TO MAINTAIN ASSEMBLY RATING CONSISTENT WITH WALL/PARTITION REQUIREMENTS.

TERMINATIONS



HEAD-OF-WALL TERMINATION @ OBSTRUCTION

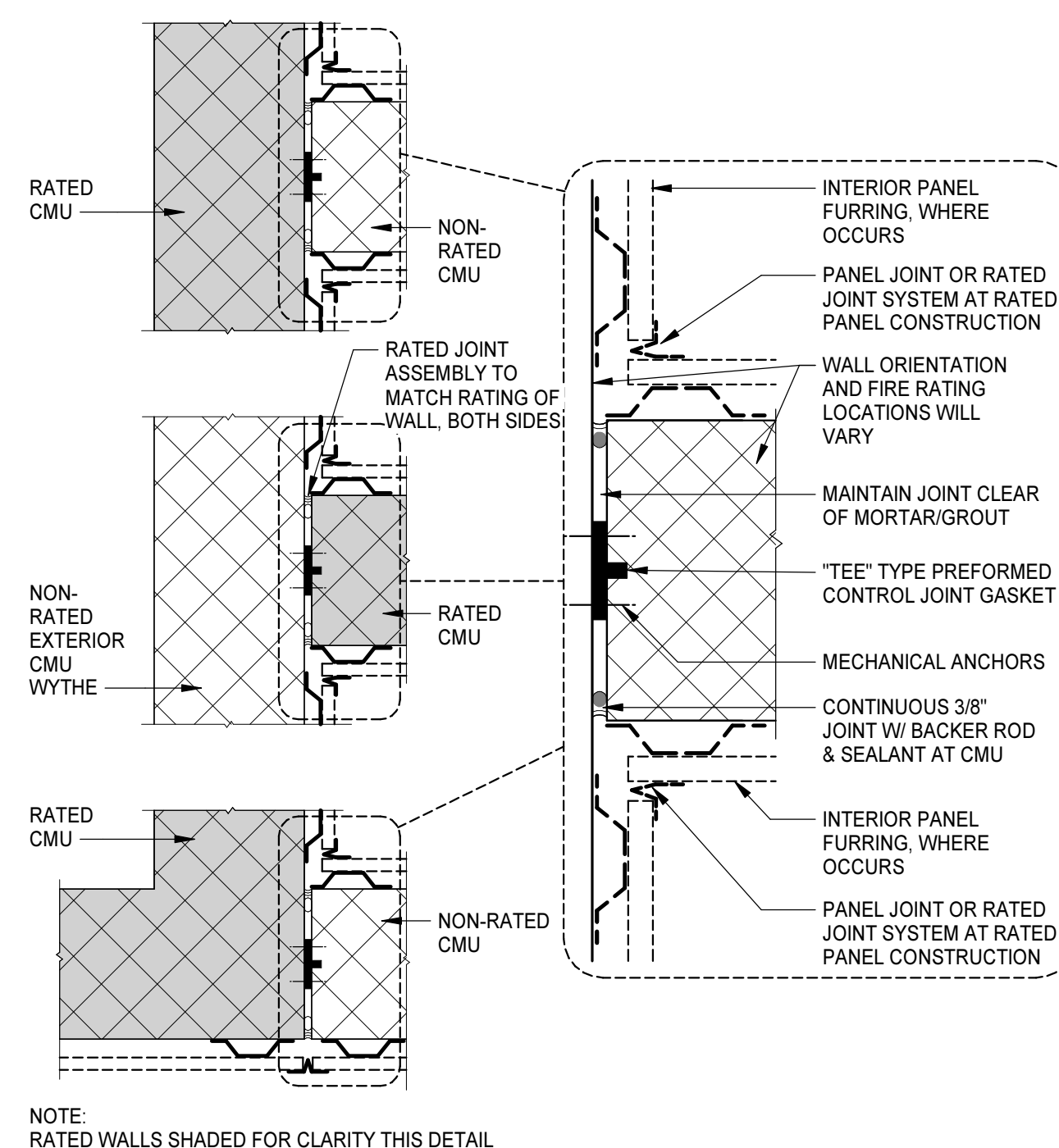
OBSTRUCTION MAY VARY (BEAM, JOIST, GIRDER, CHANNEL, DUCTWORK, PIPING)



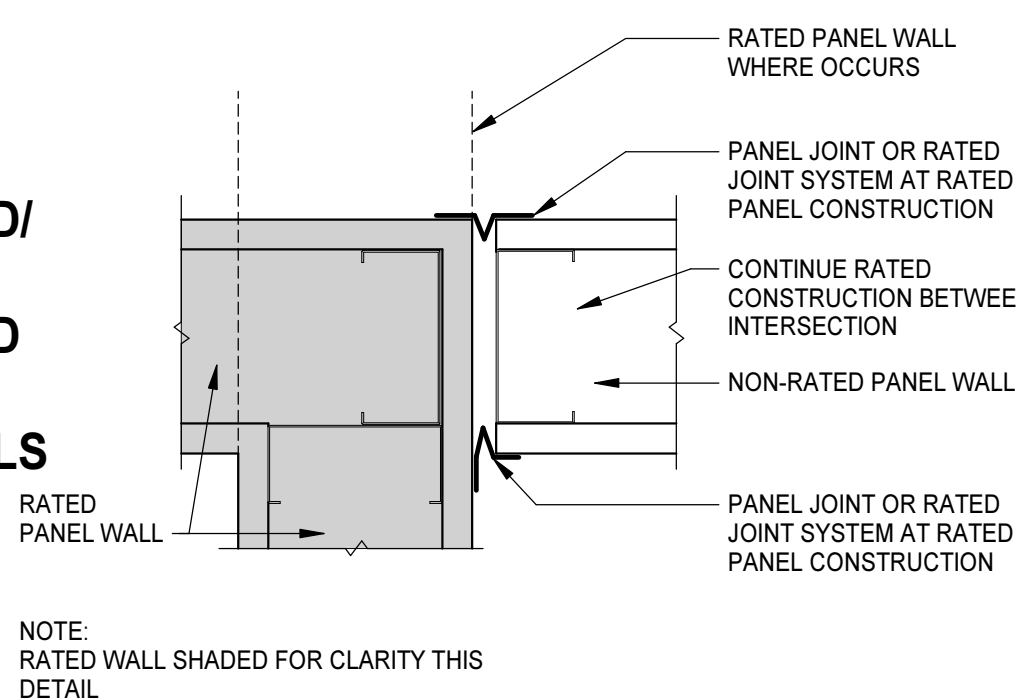
HEAD-OF-WALL TERMINATION @ NON-OBSTRUCTION

WALL JOINTS

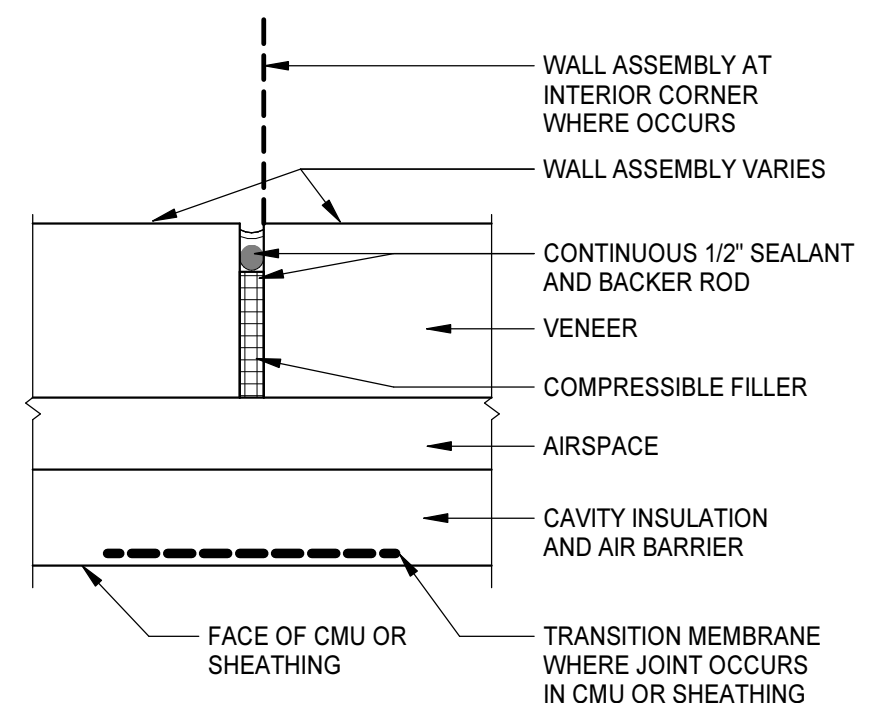
**RATED/
NON-
RATED
CMU**



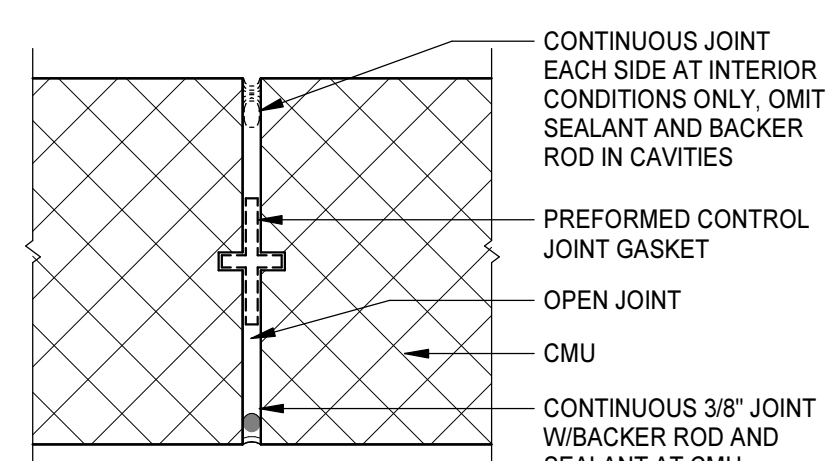
**RATED/
NON-
RATED
CFSF/
PANELS**



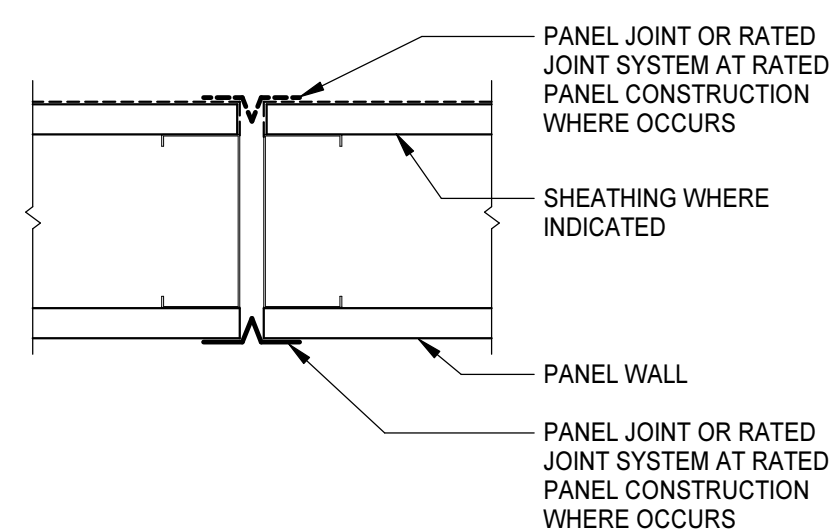
**VENEER/
CAVITY**



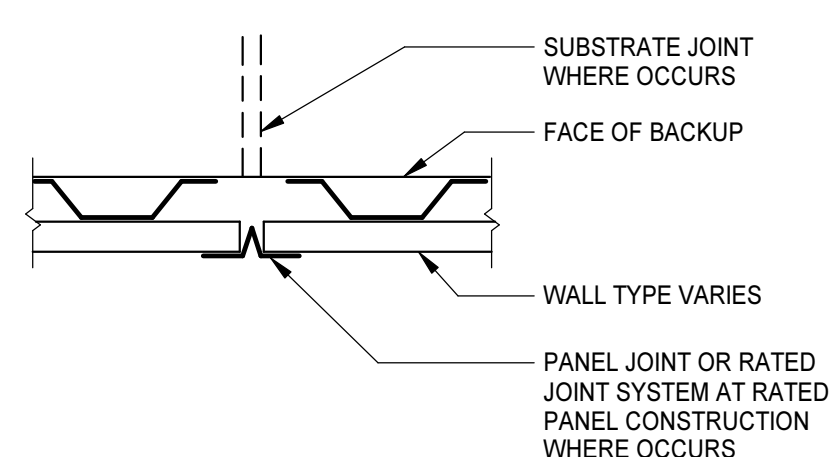
CMU



**CFSF/
PANELS**



PANEL



WALL/PARTITION TYPE GENERAL NOTES

- A. PLAN DIMENSIONS ARE TO FACE OF WALL OR PARTITION, WHERE APPLIED FINISHES OCCUR-SUCH AS CERAMIC TILE. DIMENSIONS ARE TO FACE OF APPLIED FINISH FOR WAINSCOTS. FLOOR PLAN DIMENSIONS ARE TO FACE OF WAINSCOT MATERIAL. APPLIED FINISHES ARE NOT ALLOWED TO REDUCE CLEAR DIMENSIONS. APPLIED FINISHES IN THIS CASE DO NOT INCLUDE TRIM, BASE, AND ACOUSTIC WALL PANELS.
- B. EXTEND WALL/PARTITION ASSEMBLY COMPONENTS FULL HEIGHT OF ASSEMBLY.
- C. ALL INTERIOR CFSF PANEL PARTITIONS: P1 UNLESS INDICATED OTHERWISE.
- D. REFER TO STRUCTURAL DRAWINGS AND RELATED SPECIFICATIONS FOR SOLID MASONRY, GROUTING, AND REINFORCEMENT REQUIREMENTS INCLUDING BUT MAY NOT BE LIMITED TO:
 - MASONRY WALLS/PARTITIONS
 - LINTELS
 - LINTEL BEARING CONDITIONS
 - BOND BEAMS
 - SHELF BEARING CONDITIONS
 - STRUCTURAL REINFORCING REQUIREMENTS
 - CHANGES IN WYTHE
- E. THE TERMS 'WALL' AND 'PARTITION' MAY BE USED INTERCHANGEABLY THROUGHOUT THE CONTRACT DOCUMENTS.
- F. PARTITIONS THAT DO NOT EXTEND TO UNDERSIDE OF DECK OR CAP ABOVE:
 - EXTEND 4 INCHES MINIMUM ABOVE HIGHEST ADJACENT FINISH CEILING UNLESS INDICATED OTHERWISE.
- G. DO NOT CONNECT TIES, ANCHORS, OR REINFORCING TO SINGLE CANTILEVERED FIRE WALL OR BETWEEN DOUBLE FIRE WALLS.
- H. SEAL AROUND ALL PENETRATIONS.
- I. COMPLY WITH TERMINATION, WALL JOINT, AND MISCELLANEOUS DETAILS FOR THOSE CONDITIONS WHERE APPLICABLE. COMPLY WITH REFERENCED STANDARDS WHERE DETAILS ARE NOT IDENTIFIED IN THE DRAWINGS.
- J. WALL/PARTITION TYPES DO NOT ADDRESS WALL FINISHES. REFER TO FINISH SCHEDULE.
- K. FINISHED SPACES: PROVIDE CHASES AROUND ALL EXPOSED VERTICAL COMPONENTS, INCLUDING BUT NOT LIMITED TO: DUCTWORK, PIPING, AND CONDUIT, UNLESS COMPONENTS ARE SPECIFICALLY INDICATED TO REMAIN EXPOSED. IF NOT OTHERWISE INDICATED, PROVIDE PC CHASE CONSTRUCTION.
 - HOLD CHASES TIGHT TO COMPONENTS ALLOWING FOR ACCESS, INSULATION, AND TOLERANCES.
 - EXTEND CHASES FROM FLOOR TO 4 INCHES MINIMUM ABOVE FINISH CEILING OR IF NO CEILING IS INDICATED, EXTEND CHASES TO UNDERSIDE OF FLOOR DECK, ROOF DECK, OR SOLID CAP ABOVE AND TERMINATE ACCORDINGLY.
- L. PROVIDE BACKER BOARD/UNIT OF SAME THICKNESS INDICATED IN LIEU OF GYPSUM BOARD PANEL AT PORTIONS OF WALLS/PARTITIONS TO RECEIVE TILE.

PANEL WALL/PARTITION TYPES

REPRESENTED BY: Xnn

MARK	FIRE RATED ASSEMBLY (REFER TO LS 1.1 FOR LEGEND)	REMARKS	INFORMATION
P1	⊖		4 7/8" 3 5/8" CFSF-NS 5/8" GYPSUM BOARD
P2	⊖	PROVIDE AT PLUMBING CHASES	2 1/4" 1 5/8" CFSF-NS 5/8" GYPSUM BOARD
P3	⊖	PROVIDE AT KNEE WALLS	4 1/4" 3 5/8" CFSF-NS 5/8" GYPSUM BOARD

MASONRY UNIT WALL/PARTITION TYPES

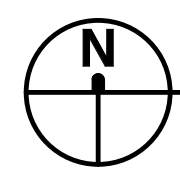
REPRESENTED BY: Xnn

MARK	FIRE RATED ASSEMBLY (REFER TO LS 1.1 FOR LEGEND)	REMARKS	INFORMATION
M1	⊖		5 5/8" 6" CMU



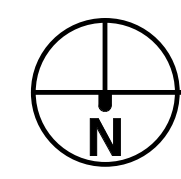
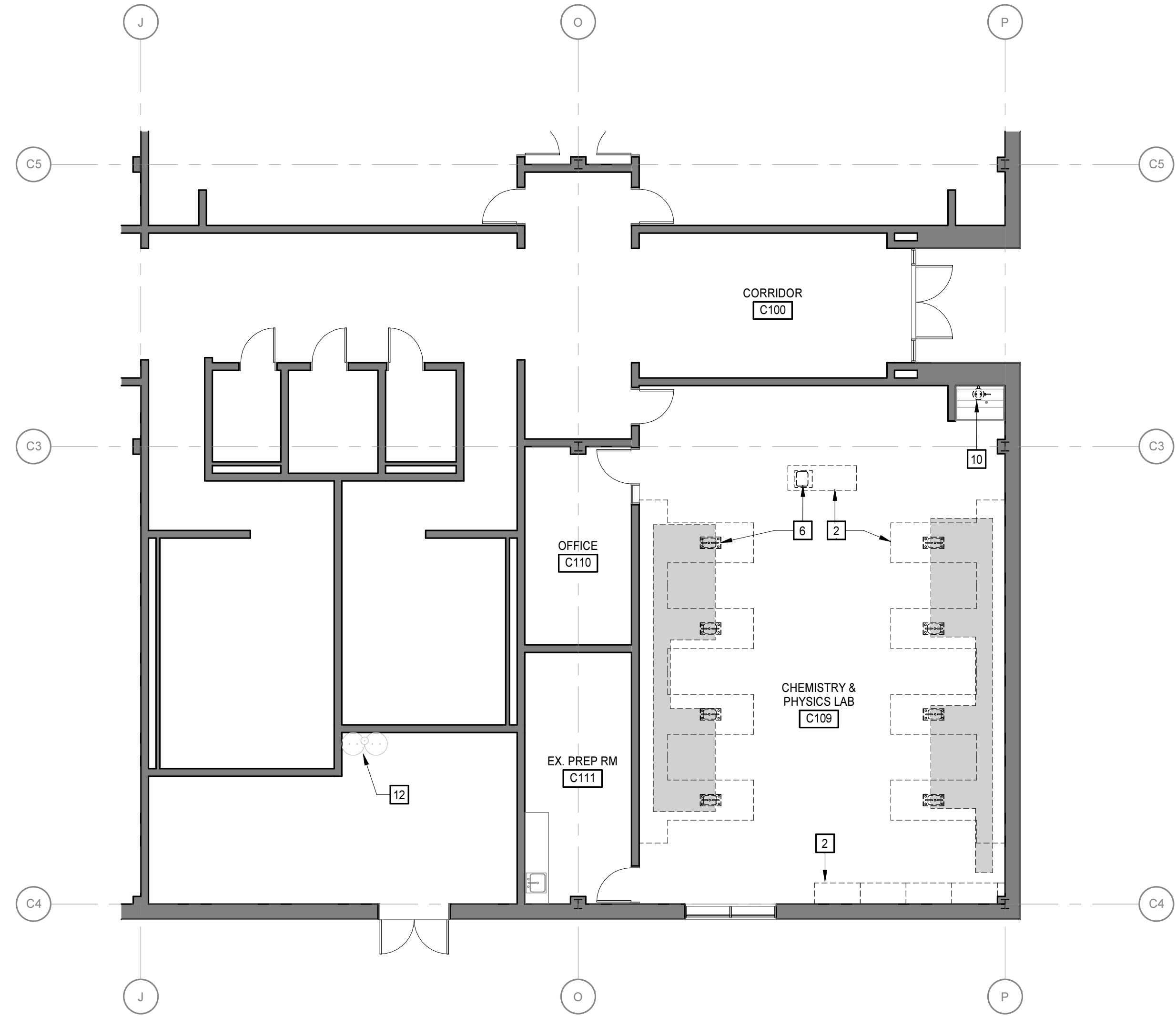
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DATE:	JANUARY 17, 2024
REVISIONS	
DATE	DESCRIPTION

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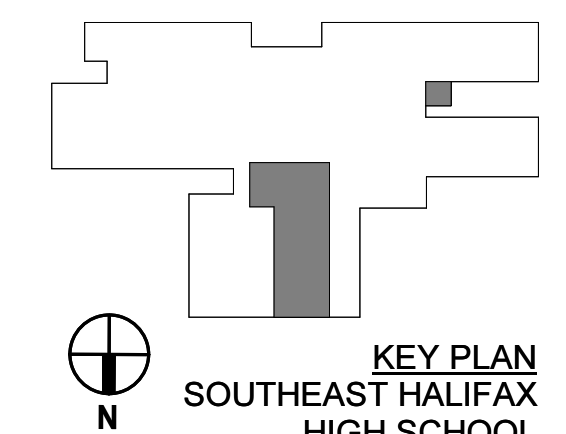
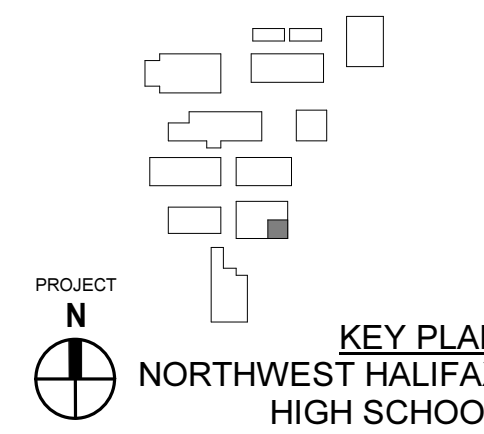
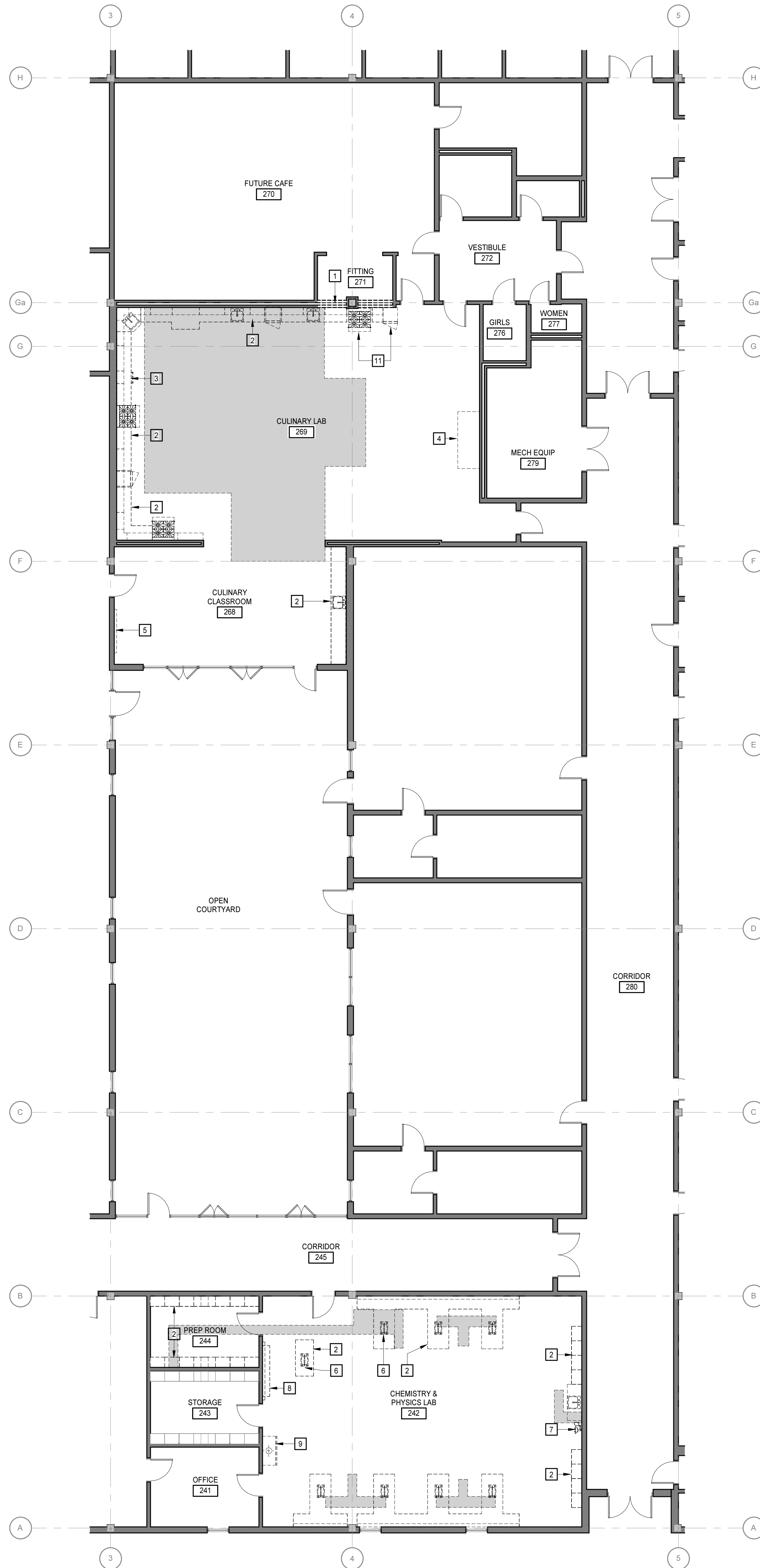
DEMOLITION PLAN - NORTHWEST HALIFAX HIGH SCHOOL

1/8" = 1'-0"



DEMOLITION PLAN - SOUTHEAST HALIFAX HIGH SCHOOL

1/8" = 1'-0"



DEMOLITION PLAN LEGEND

APPLIES TO DRAWINGS A1.0

- EXISTING PARTITION/ WALL/ ITEM TO REMAIN
- REMOVE EXISTING PARTITION/WALL/ITEM
- REMOVE EXISTING WINDOW ASSEMBLY AND FRAMING, INCLUDING ANCHORS
- REMOVE EXISTING DOOR AND FRAME ASSEMBLY INCLUDING DOOR HARDWARE, ANCHORS, AND THRESHOLD (WHERE OCCURS)
- REMOVE EXISTING PLUMBING FIXTURE. REFER TO PLUMBING DEMOLITION PLAN FOR ADDITIONAL INFORMATION.
- SAWCUT EXISTING CONCRETE SLAB AS NEEDED FOR REMOVAL AND INSTALLATION OF UTILITIES. REFER TO PLUMBING DRAWINGS.

DEMOLITION PLAN GENERAL NOTES

- FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS INDICATED ON THE DRAWINGS. COORDINATE THE SCOPE, DIMENSIONS, AND EXTENT OF DEMOLITION WORK TO BE PERFORMED WITH THE WORK.
- PLAN DIMENSION FOR EXISTING CONDITIONS ARE TO FACE OF FINISH OR CENTERLINE OF STRUCTURAL FRAMING, UNLESS OTHERWISE NOTED. THICKNESS OF MASONRY BASED ON NORMAL SIZES. ALL DIMENSIONS SHOWN FOR EXISTING CONSTRUCTION ARE APPROXIMATE.
- ALL EXPOSED SURFACES AFFECTED BY THE DEMOLITION WORK AND WHICH SHALL REMAIN EXPOSED TO VIEW SHALL BE PATCHED MATCH EXISTING ADJACENT SURFACES UNLESS SPECIFICALLY INDICATED OTHERWISE.
- ACTUAL FIELD CONDITIONS WHICH ARE CONCEALED BY EXISTING CONSTRUCTION MAY VARY FROM THOSE INDICATED ON THE DRAWINGS. INVESTIGATE AND EMASURE EXTENTS OF ANY CONFLICTS AND PROMPTLY SUBMIT A WRITTEN REPORT TO THE ARCHITECT.
- PRIOR TO DEMOLITION, COORDINATE WITH OWNER SCHEDULES FOR THEIR TEMPORARY RELOCATION OF EXISTING EQUIPMENT IN WORK AREAS.
- ROOMS 242, 244, 268, 269, 271, C109: REMOVE EXISTING CEILING TILES AND GRIDS, LIGHT FIXTURES, AND DIFFUSERS. REMOVE AND REPLACING CEILING GRID AS NEEDED FOR WORK ABOVE CEILING. REFER TO MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR EXTENT OF DEMOLITION ABOVE FINISHED CEILING.
- ROOMS 268, 269, 271, C109: REMOVE VCT FLOORING.
- ROOMS 242, 244: PROTECT EXISTING FLOORING UNDO.

DEMOLITION PLAN KEYNOTES

REPRESENTED BY

APPLIES TO DRAWINGS A1.n SERIES

- REMOVE FULL HEIGHT OF CMU WALL AND PLUMBING TO EXTENT SHOWN, OPENING PER STRUCTURAL.
- REMOVE CASEWORK AND SINK, WHERE OCCURS
- REMOVE DISHWASHER
- REMOVE EXHAUST HOOD
- REMOVE AND PROTECT EXISTING SMARTBOARD FOR RE-INSTALLATION
- REMOVE GAS VALVE AND PIPING AT EACH STUDENT AND DEMONSTRATION STATION. REFER TO PLUMBING DEMOLITION PLANS.
- REMOVE EMERGENCY EYE WASH
- REMOVE CHALKBOARD. REMOVE AND REINSTALL WHITEBOARD.
- REMOVE FUME HOOD AND CASEWORK
- REMOVE EMERGENCY EYE WASH & SHOWERHEAD
- ALL EXISTING RANGES AND REFRIGERATORS TO BE REMOVED BY OWNER PRIOR TO DEMOLITION. COORDINATE WITH OWNER SCHEDULE.
- REMOVE & REPLACE WATER HEATERS. REFER TO PLUMBING DRAWINGS

MOSELEY ARCHITECTS
 911 N. WEST STREET, SUITE 205 RALEIGH, NORTH CAROLINA 27603
 PHONE (919) 840-0081
 MOSELEYARCHITECTS.COM



HALIFAX CO MULTIPLE RENOVATIONS
 HALIFAX COUNTY SCHOOLS
 16683 NC-125, HALIFAX, NC 27839
 8492 NC-48, LITTLETON, NC 27850

PROJECT NO:	630516
DATE:	JANUARY 17, 2024
REVISIONS	
DATE	DESCRIPTION

DEMOLITION PLANS



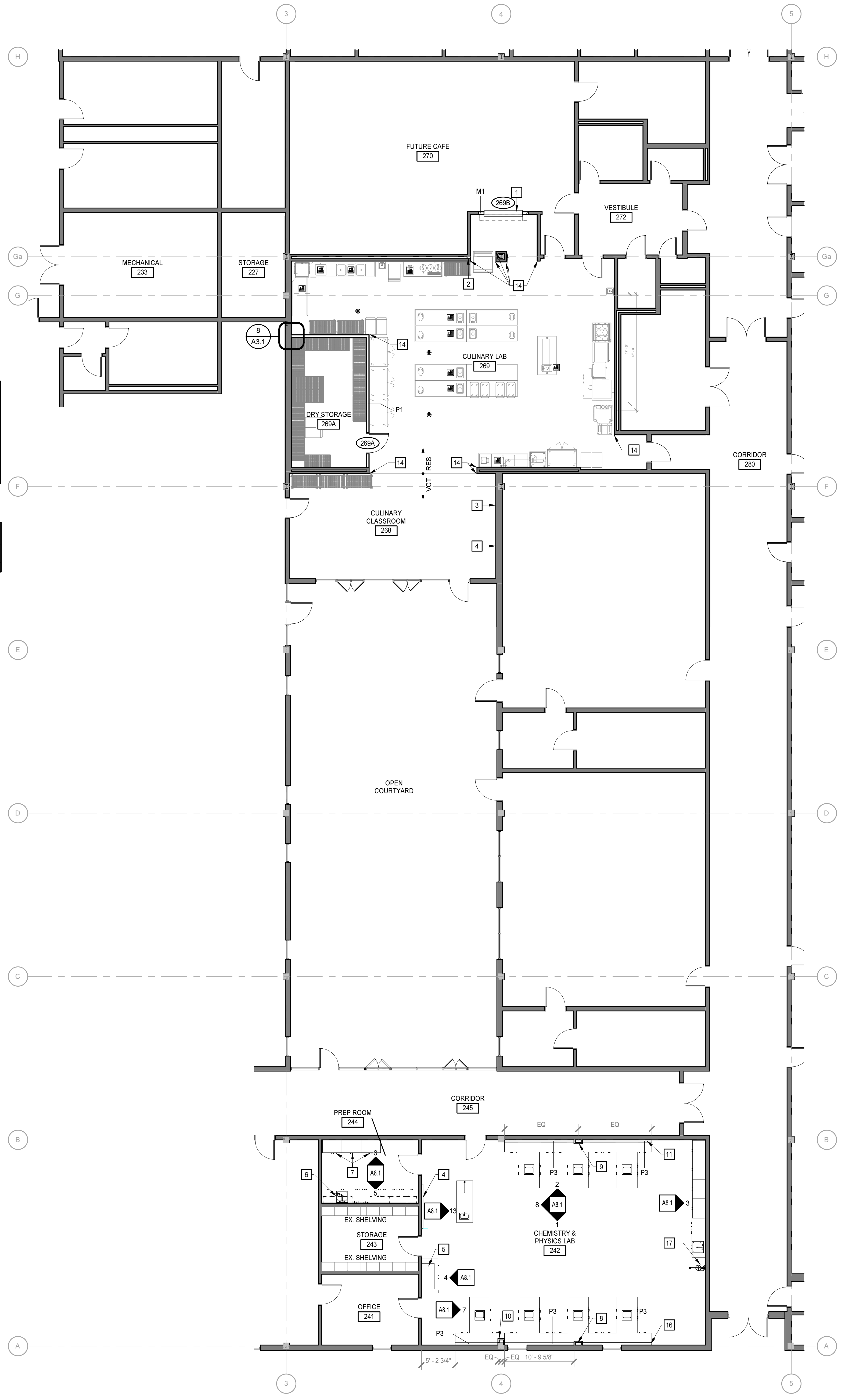
HALIFAX CO MULTIPLE RENOVATIONS
 HALIFAX COUNTY SCHOOLS
 16683 NC-125, HALIFAX, NC 27839
 8492 NC-48, LITTLETON, NC 27850

PROJECT NO:	630516
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DESCRIPTION:	

FLOOR PLANS & FINISH SCHEDULE

A2.0

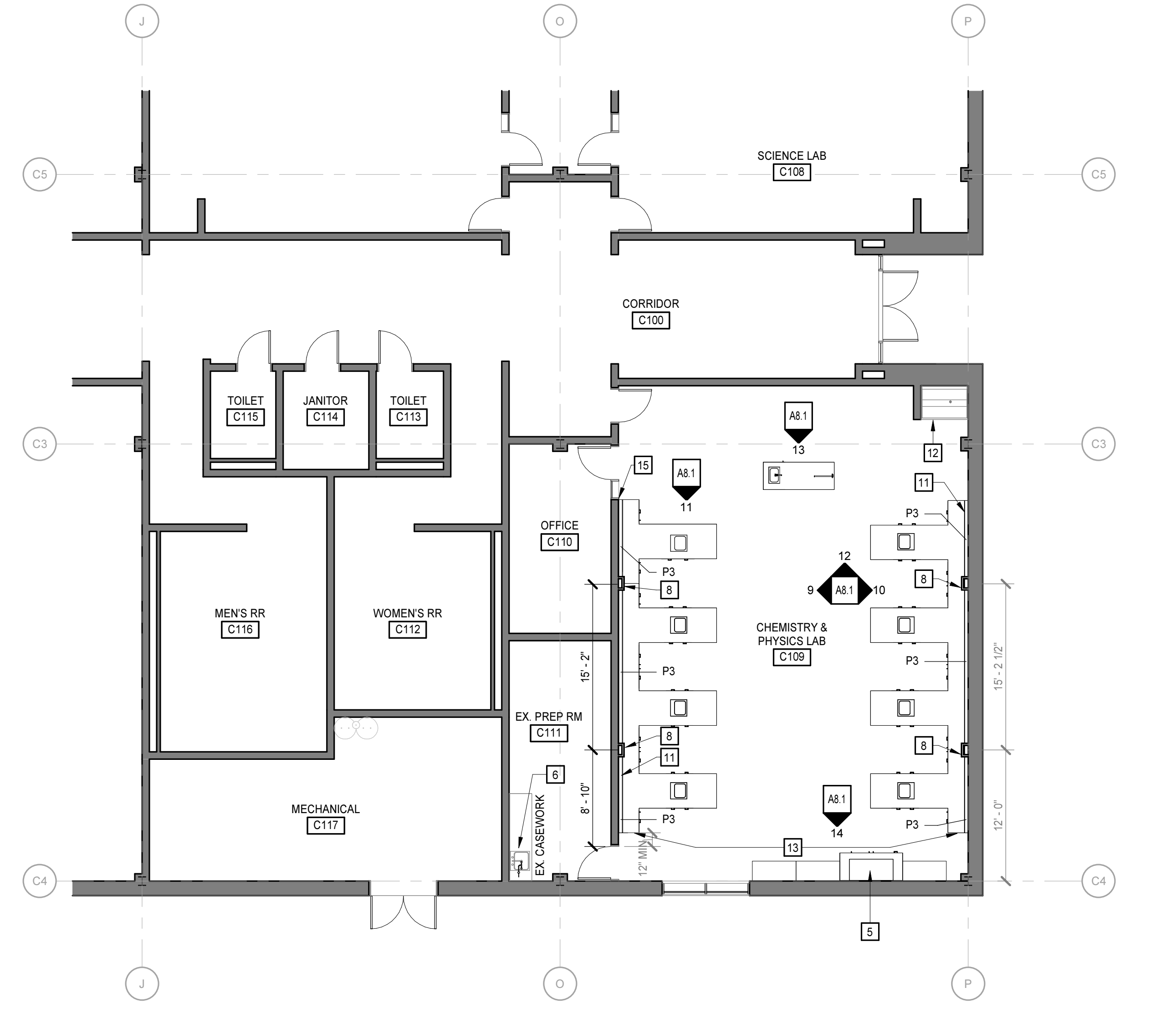
FLOOR PLAN KEYNOTES	
REPRESENTED BY [Symbol]	
APPLIES TO DRAWINGS A2.n	
1	TRANSACTION COUNTER
2	INFILL WITH CONCRETE BLOCK. PROVIDE PAINTED FINISH TO MATCH ADJACENT WALL
3	SMARTBOARD (NIC)
4	WHITEBOARD (NIC)
5	FUME HOOD
6	DECK-MOUNTED EYE WASH
7	CHEMICAL STORAGE CABINET
8	PLUMBING CHASE, INSIDE CLEAR: 10"Wx7"D
9	PLUMBING CHASE, INSIDE CLEAR: 12"Wx7"D
10	PLUMBING CHASE, ALIGN WITH WIDTH OF COLUMN X 9"D
11	42" KNEE WALL UNO
12	EXISTING SHOWER BASIN & DRAIN. NEW SHOWERHEAD FIXTURE PER PLUMBING
13	ALIGN CASEWORK
14	CORNER GUARD
15	ALIGN KNEE WALL AND CASEWORK WITH DOOR FRAME
16	ALIGN HEIGHT OF KNEE WALL TO EXISTING WINDOW SILL
17	EMERGENCY EYE WASH & SHOWER COMBO



FINISH SCHEDULE - SOUTHEAST HALIFAX HIGH SCHOOL										
NUMBER	NAME	FLOOR	BASE	WALLS				CEILING	NOTES	
				NORTH	EAST	SOUTH	WEST			
242	CHEMISTRY & PHYSICS LAB	EX	RB	PT	PT	PT	PT	ACP	INFILL SAW CUT AREAS WITH POLISHED CONCRETE. REFER TO DETAILS ON S1.1	
244	PREP ROOM	EX	RB	PT	PT	PT	PT	ACP	INFILL SAW CUT AREAS WITH POLISHED CONCRETE. REFER TO DETAILS ON S1.1	
268	CULINARY CLASSROOM	VCT	RB	PT	PT	PT	PT	ACP-1		
269	CULINARY LAB	RES	RB	EPX PT	EPX PT	EPX PT	EPX PT	ACP-2, GYP.PT		
268A	DRY STORAGE	RES	RB	EPX PT	EPX PT	EPX PT	EPX PT	ACP		

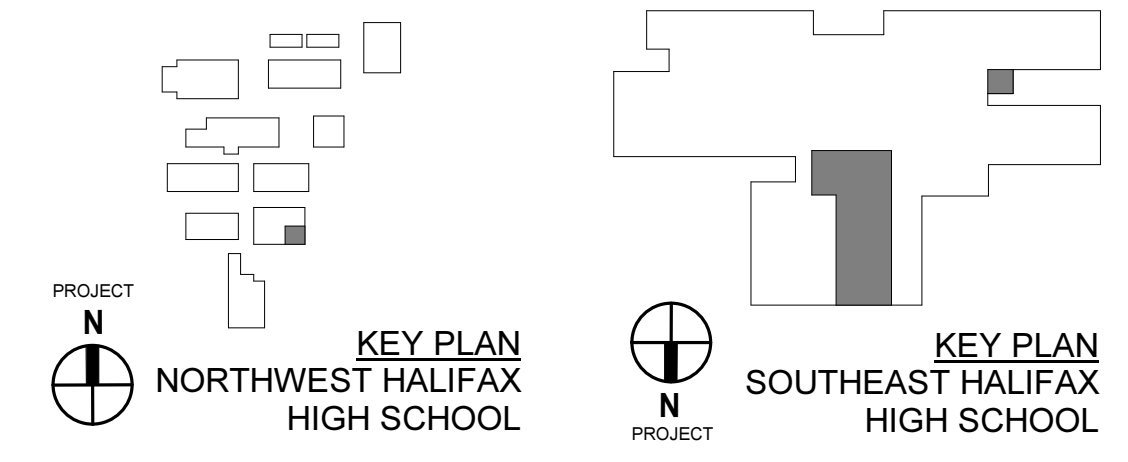
FINISH SCHEDULE - NORTHWEST HALIFAX HIGH SCHOOL										
NUMBER	NAME	FLOOR	BASE	WALLS				CEILING	NOTES	
				NORTH	EAST	SOUTH	WEST			
C109	CHEMISTRY & PHYSICS LAB	VCT	RB	PT	PT	PT	PT	ACP-1		

INTERIOR FINISH LEGEND - BASIS OF DESIGN				
SPECIFICATION	TAG	MATERIAL	MANUFACTURER	PRODUCT - COLOR
95100	ACP-1	ACOUSTICAL CEILING PANELS	ARMSTRONG	SCHOOL ZONE FINE FISSURE
95100	ACP-2	ACOUSTICAL CEILING PANELS	ARMSTRONG	ULTIMA HEALTH ZONE
9513	TS-1	TRANSITION STRIP	SCHLUTER SYSTEM	SCHIENE WITH RADIUS PROFILE, SS MATERIAL
9513	RB-1	RUBBER BASE	TARKETT	4" H RUBBER COVE BASE, COLOR TBD
9519	VCT-1	VINYL COMPOSITION TILE	TARKETT	VCT II, COLOR TBD
96700	RES-1	RESINOUS FLOORING	DUR-A-FLEX	HYBRI-FLEX, MICRO-CHIP, COLOR TBD
99100	EPX-PT	EPOXY PAINT	BENJAMIN MOORE	LOW VOC
99100	PT-1	PAINT	BENJAMIN MOORE	LOW VOC



FLOOR PLAN - NORTHWEST HALIFAX HIGH SCHOOL
 1/8" = 1'-0"

FLOOR PLAN - SOUTHEAST HALIFAX HIGH SCHOOL
 1/8" = 1'-0"




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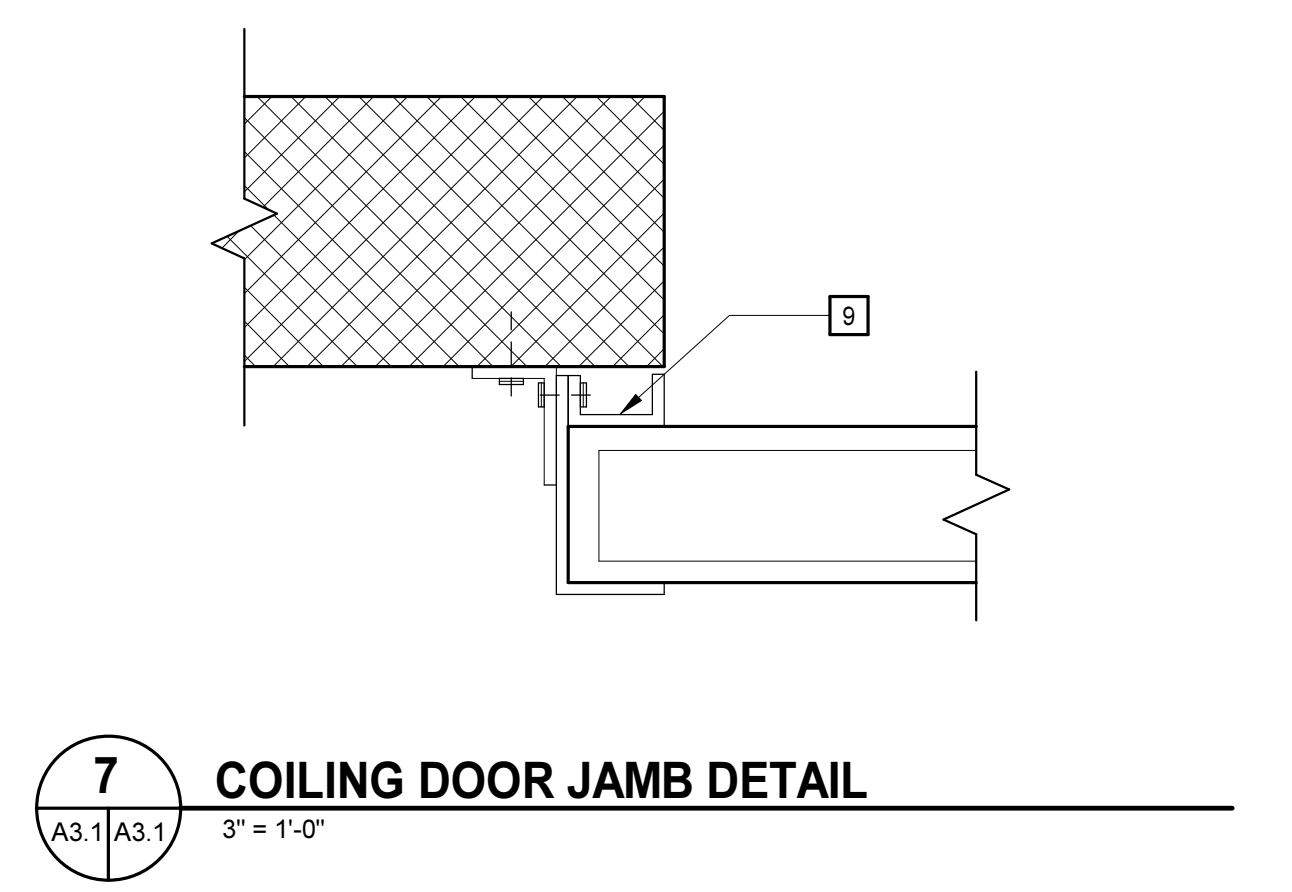
DOOR SCHEDULE - SOUTHEAST COLLEGIATE PREP ACADEMY											
NUMBER	TYPE	DOOR				FRAME				NOTES	
		MATL	LOUVER	UC	TYPE	NUMBER	SECTIONS	HEAD DETAIL	JAMB DETAIL		SILL DETAIL
298A	F	WD	--	--	STL	1	A	2	2	2	
298B	OH	STL	--	--	CD	1	--	6	7	--	INTEGRATED COUNTERTOP

GENERAL NOTES

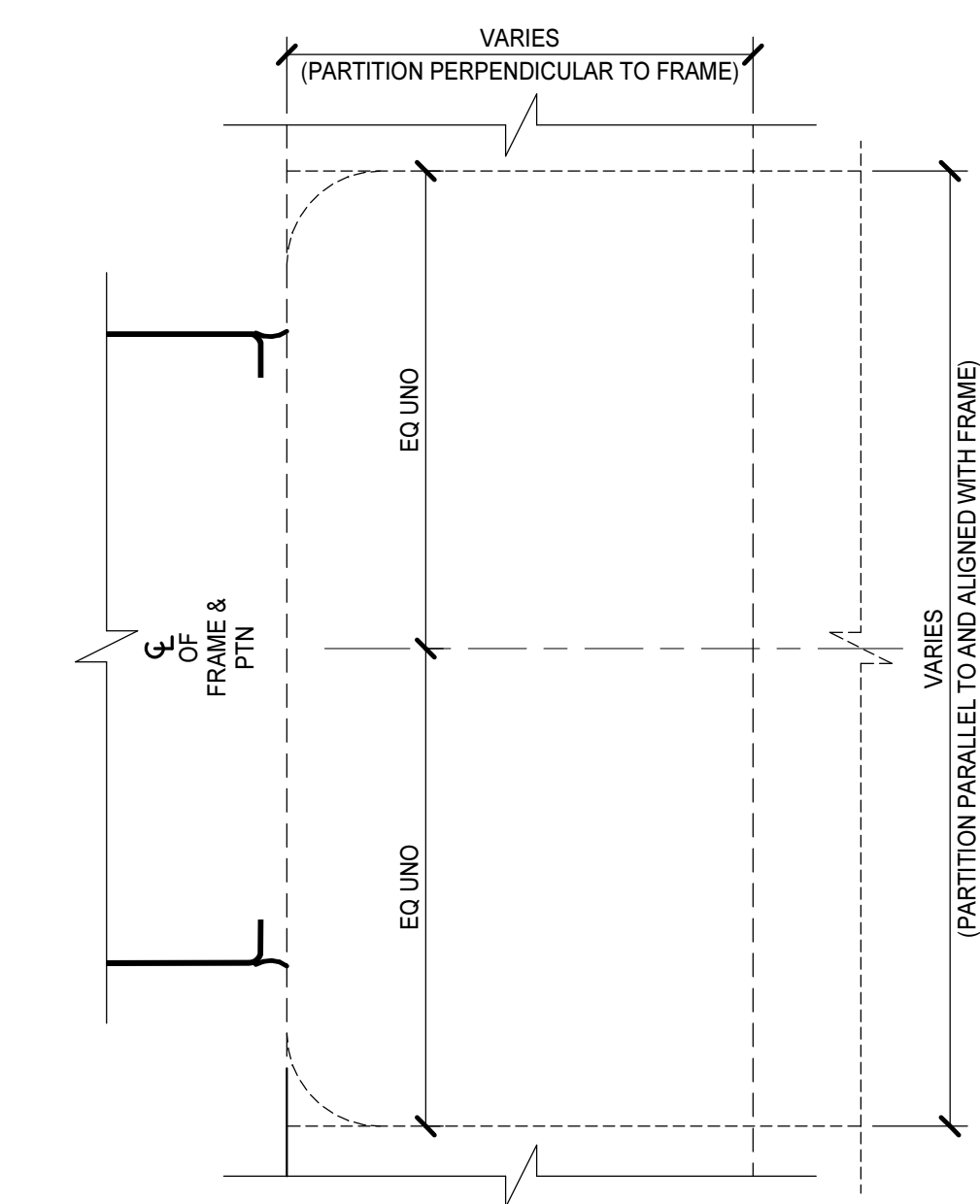
- A. UNLESS INDICATED OTHERWISE ALL DETAIL NUMBERS IN THE DOOR AND FRAME SCHEDULE FOR HEAD, JAMB AND SILL CONDITIONS REFER TO DRAWINGS A3.1.
- B. DOOR AND FRAME DETAILS INDICATE GENERAL CHARACTERISTICS OF DOOR AND FRAME SIZES AND COMPONENTS AND MAY NOT INDICATE EXACT FIELD CONDITIONS OR REQUIREMENTS. COORDINATE DETAILS WITH OTHER DRAWINGS AND SPECS TO DETERMINE ALL COMPONENTS (E.G. SEALANTS, ANCHORS, HARDWARE, LINTELS, CLIPS) REQUIRED FOR COMPLETE AND FUNCTIONAL INSTALLATION.
- C. DOOR SWINGS ON FLOOR PLANS TAKE PRECEDENCE OVER SWINGS INDICATED ELSEWHERE (E.G. ELEVATIONS).
- D. ALL EXISTING DOORS TO REMAIN UNO.

DOOR AND FRAME DETAIL KEYNOTES

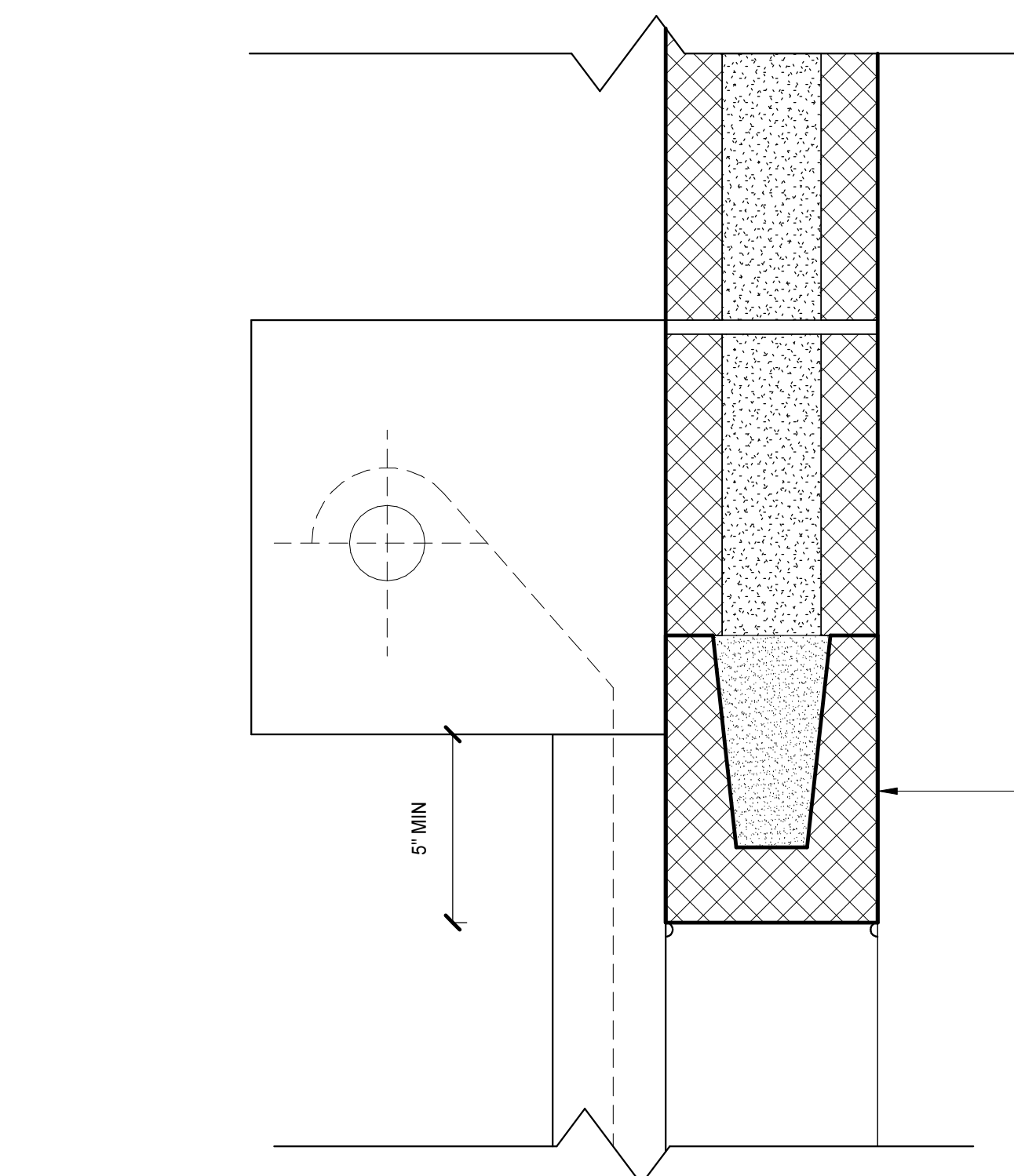
- REPRESENTED BY: 
- APPLIES TO DRAWINGS A3.1
- 1 ANCHORAGES, REINFORCING, SPECIFIC PARTITION CONSTRUCTION AND/OR LINTELS ARE NOT SHOWN FOR CLARITY.
 - 2 REFER TO FRAME SECTION IN DOOR SCHEDULE FOR TYPE.
 - 3 SEALANT, ALL SIDES - TOOL TO 90°.
 - 4 BACKBEND RETURN @ GB LOCATIONS ONLY.
 - 5 9/16" @ MAS, 1/2" @ GB.
 - 6 1/4" @ JAMBS, UNO, DIMENSION @ HEAD & SILL VARIES.
 - 7 BULLNOSE @ CMU JAMBS & SILLS.
 - 8 0" @ GB LOCATIONS, 1/16" @ MAS LOCATIONS.
 - 9 OVERHEAD DOOR INTERIOR JAMB TRACK SYSTEM.
 - 10 COILING COUNTER DOOR WITH INTEGRATED STAINLESS STEEL COUNTERTOP.
 - 11 CMU LINTEL REFER TO STRUCTURAL DRAWINGS.



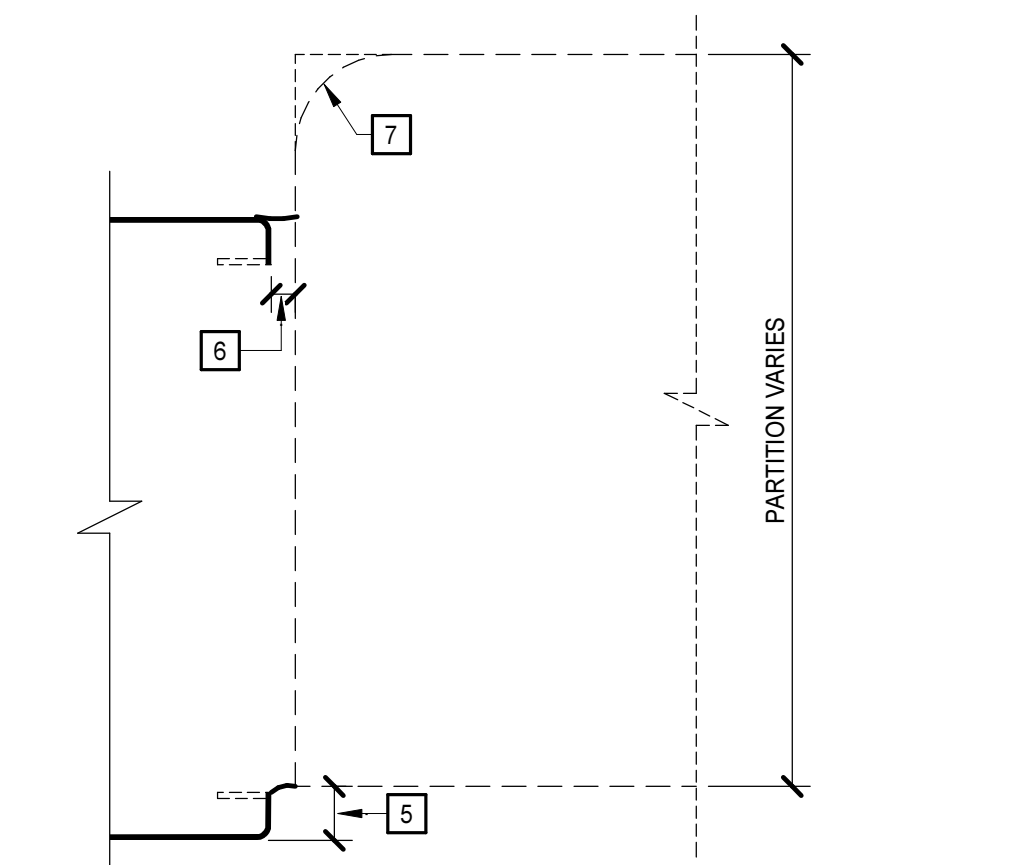
7 COILING DOOR JAMB DETAIL
A3.1 | A3.1
3" = 1'-0"



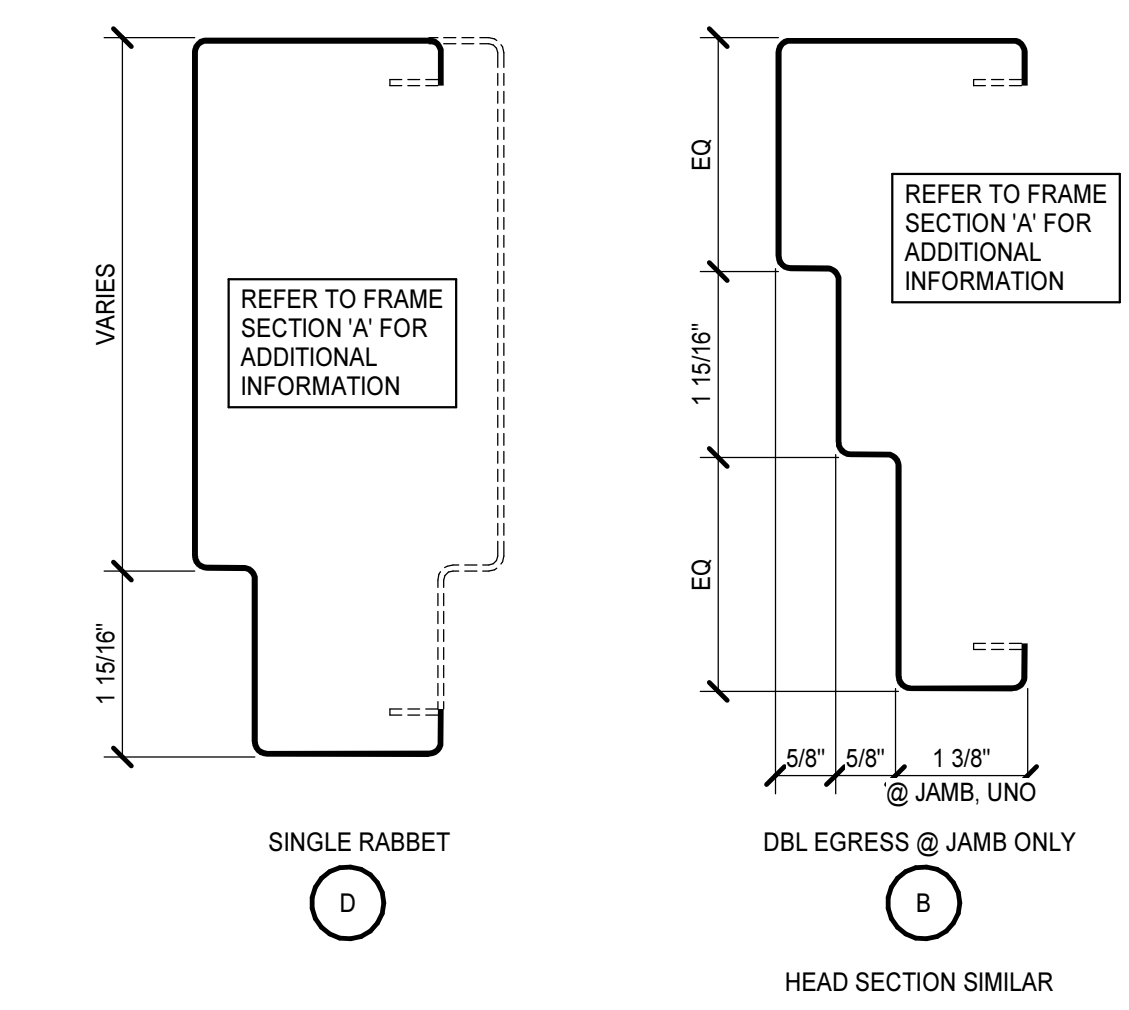
4 INTERIOR BETWEEN THE JAMB - BUTTED HEAD/JAMB/SILL
A3.1
6" = 1'-0"



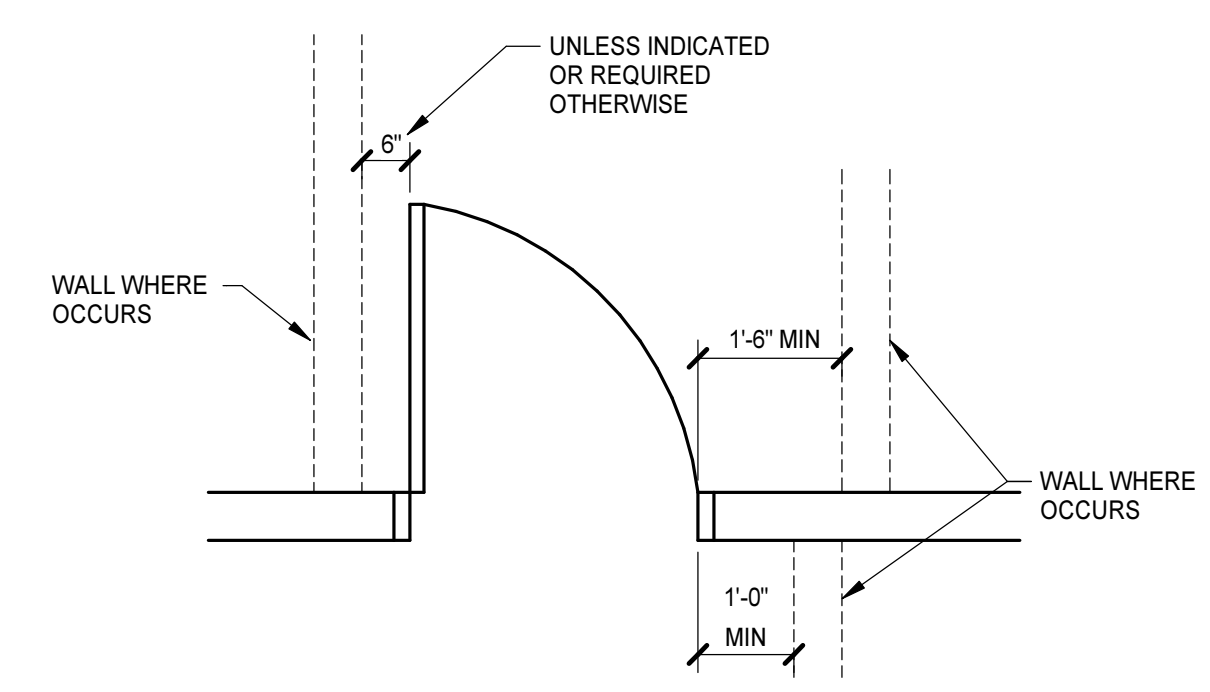
6 COILING DOOR HEAD DETAIL
A3.1 | A3.1
3" = 1'-0"



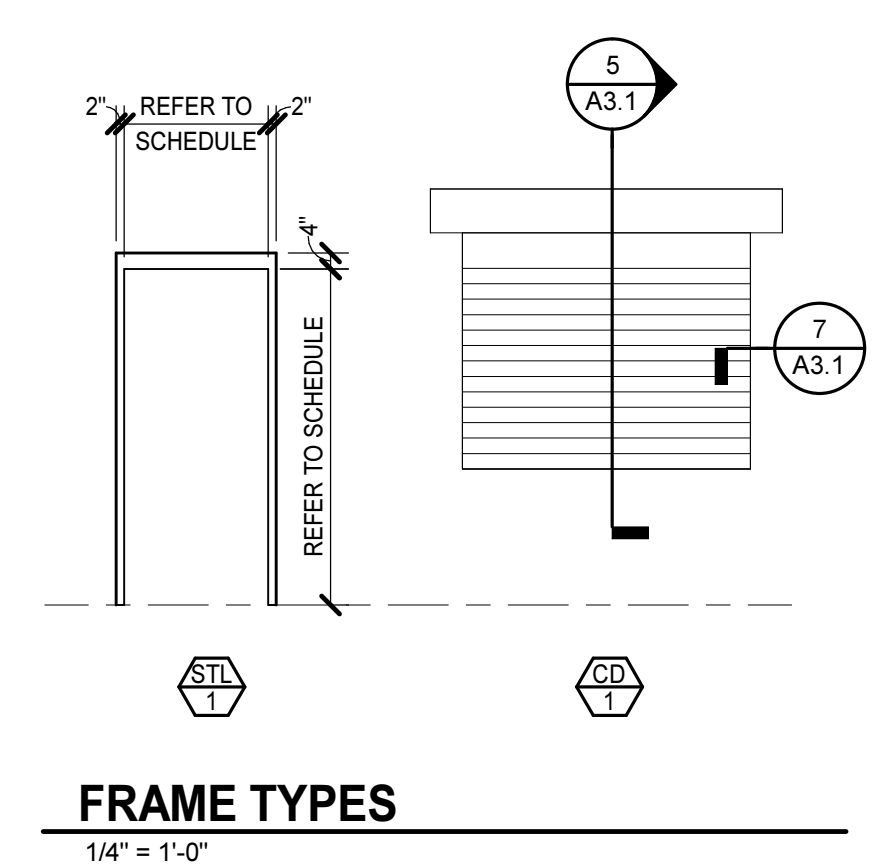
3 INTERIOR BETWEEN THE JAMB - PROJECTED HEAD/JAMB/SILL
A3.1
6" = 1'-0"



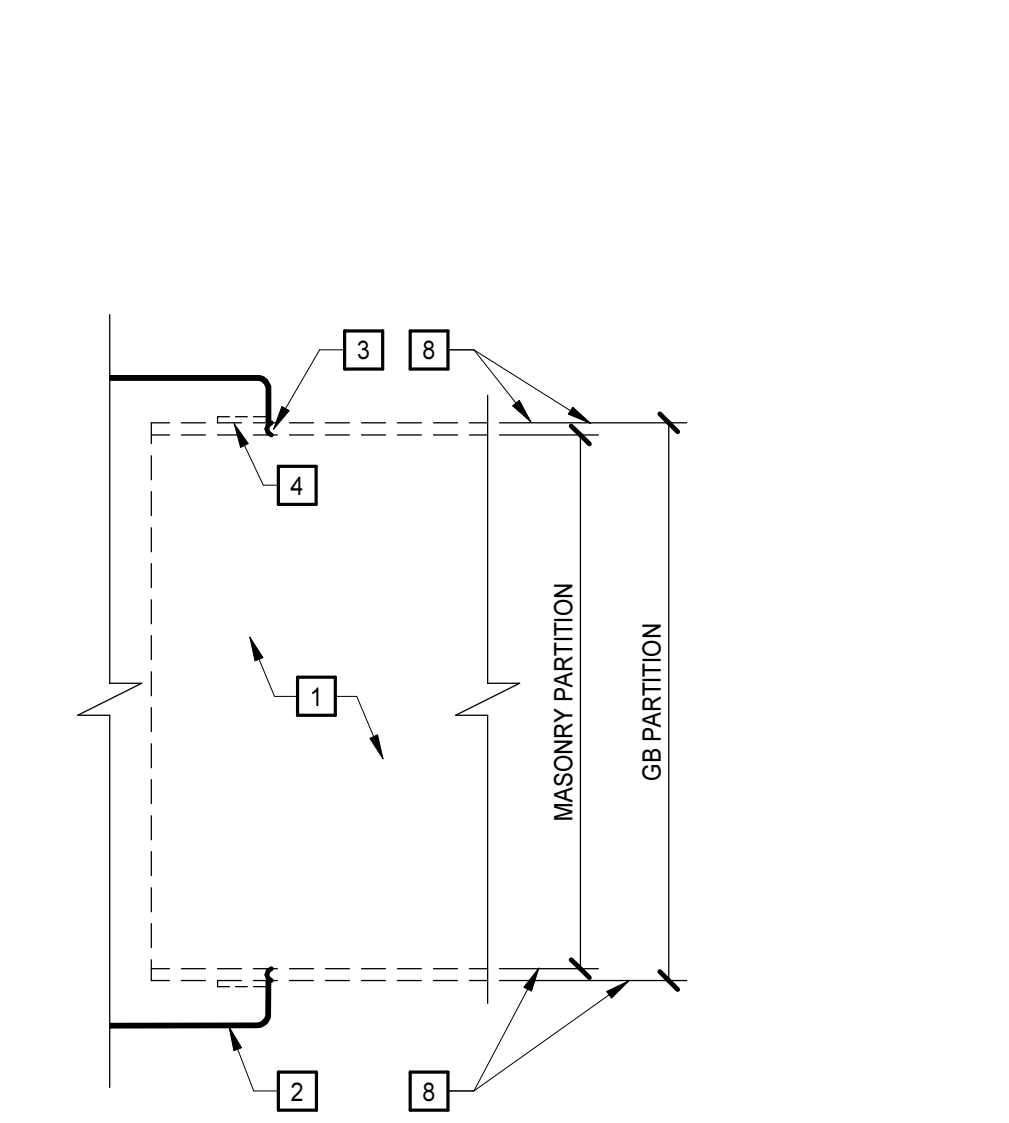
1 STEEL FRAME SECTIONS
NO SCALE



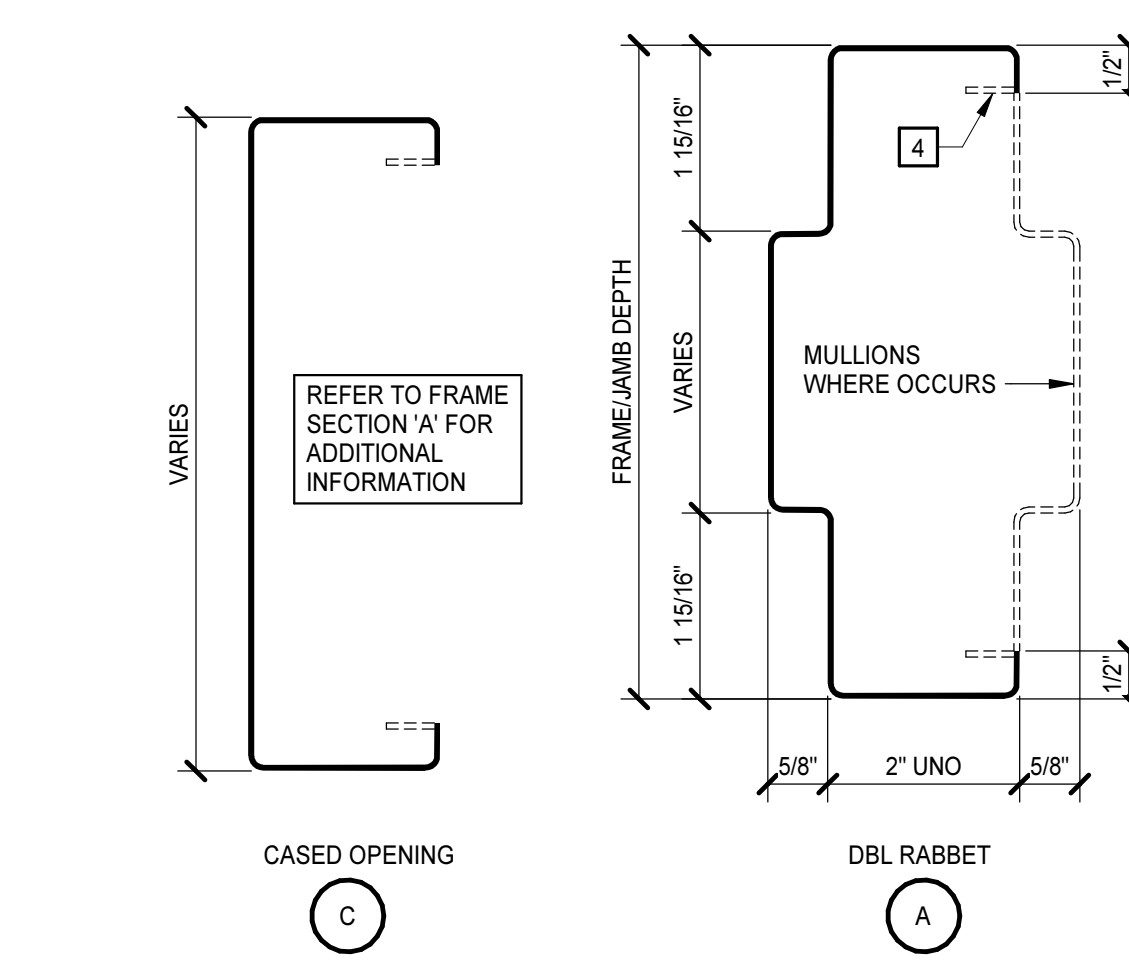
MANEUVERING CLEARANCE AT DOORS
NO SCALE



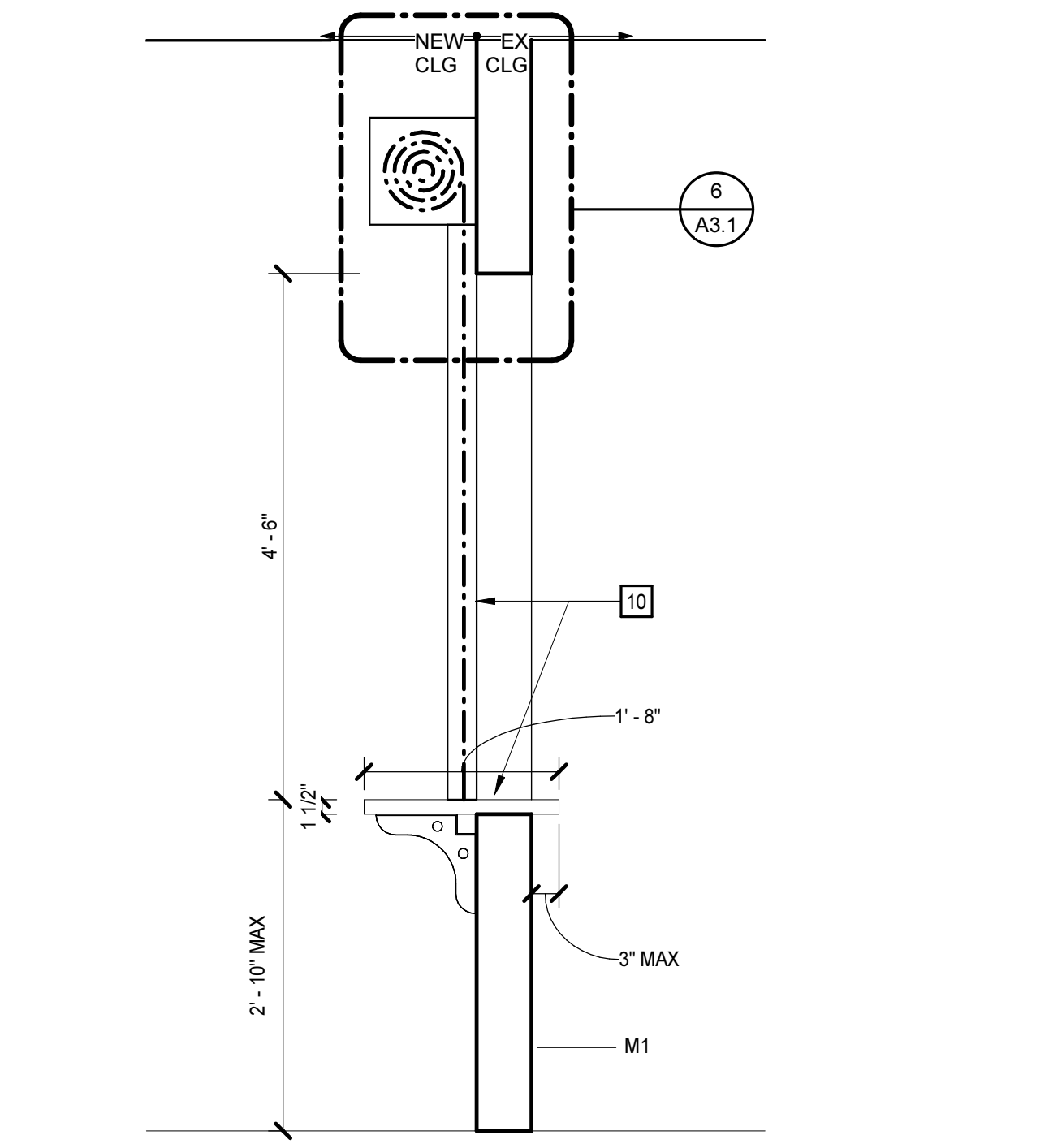
FRAME TYPES
1/4" = 1'-0"



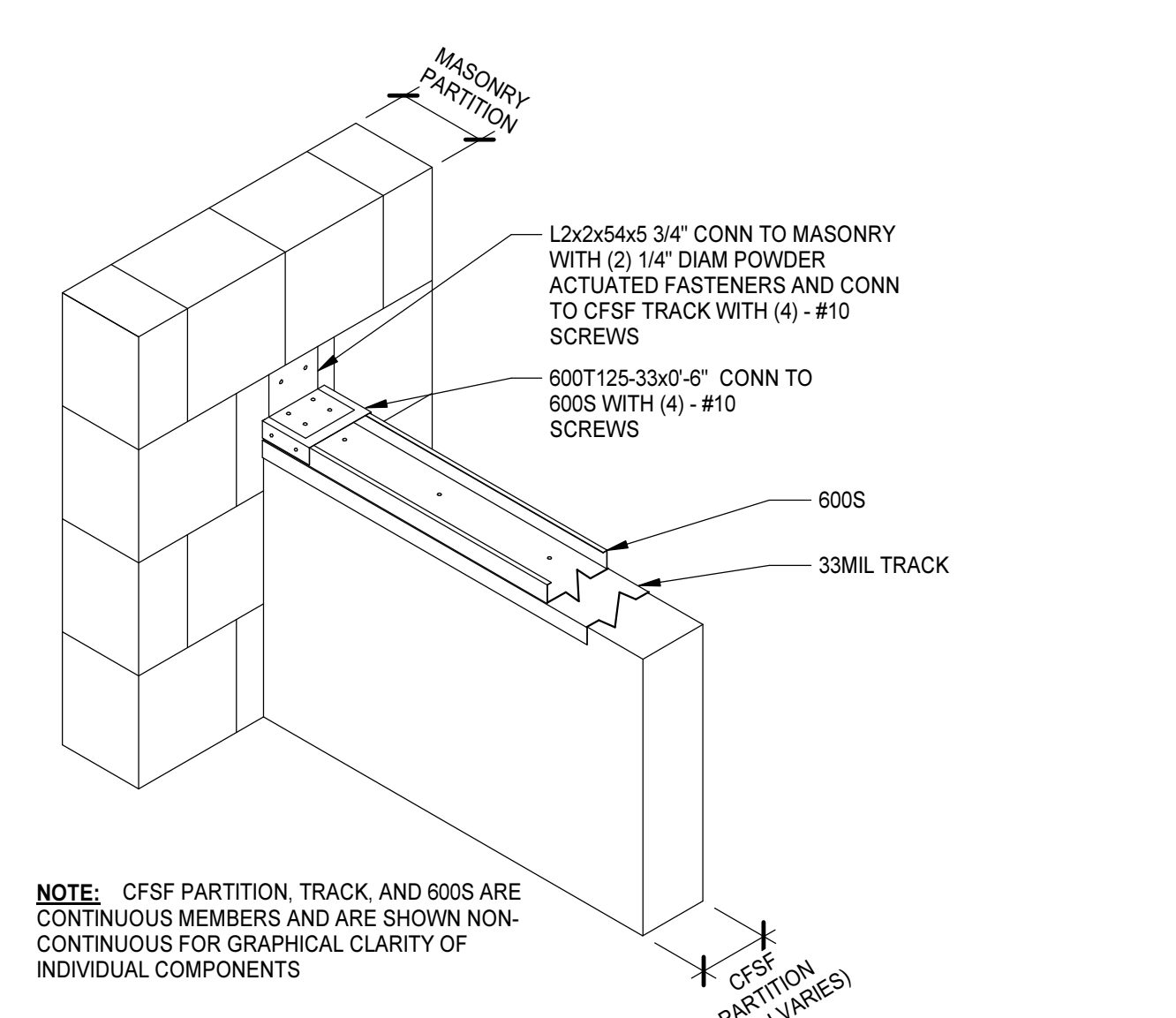
2 INTERIOR WRAP HEAD/JAMB/SILL
A3.1
6" = 1'-0"



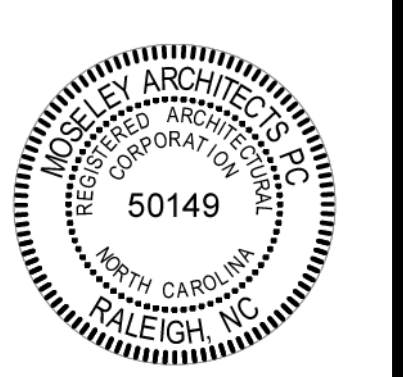
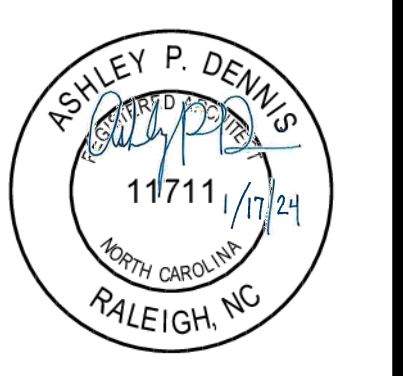
8 CASED OPENING
NO SCALE



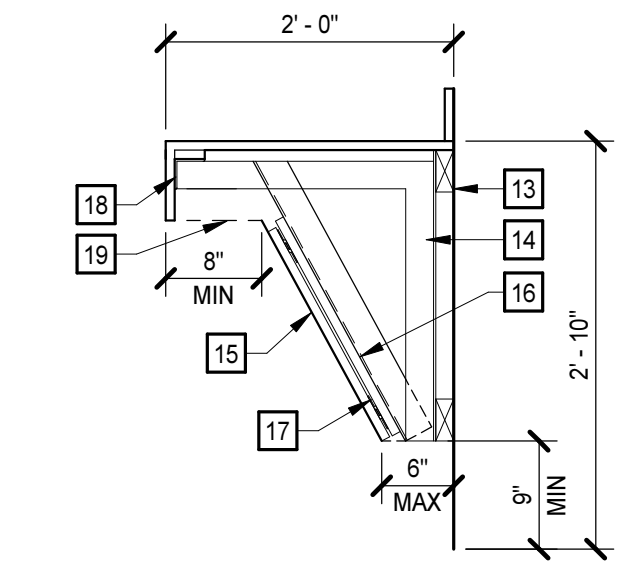
5 TRANSACTION COUNTER DETAIL
A3.1 | A3.1
3/4" = 1'-0"



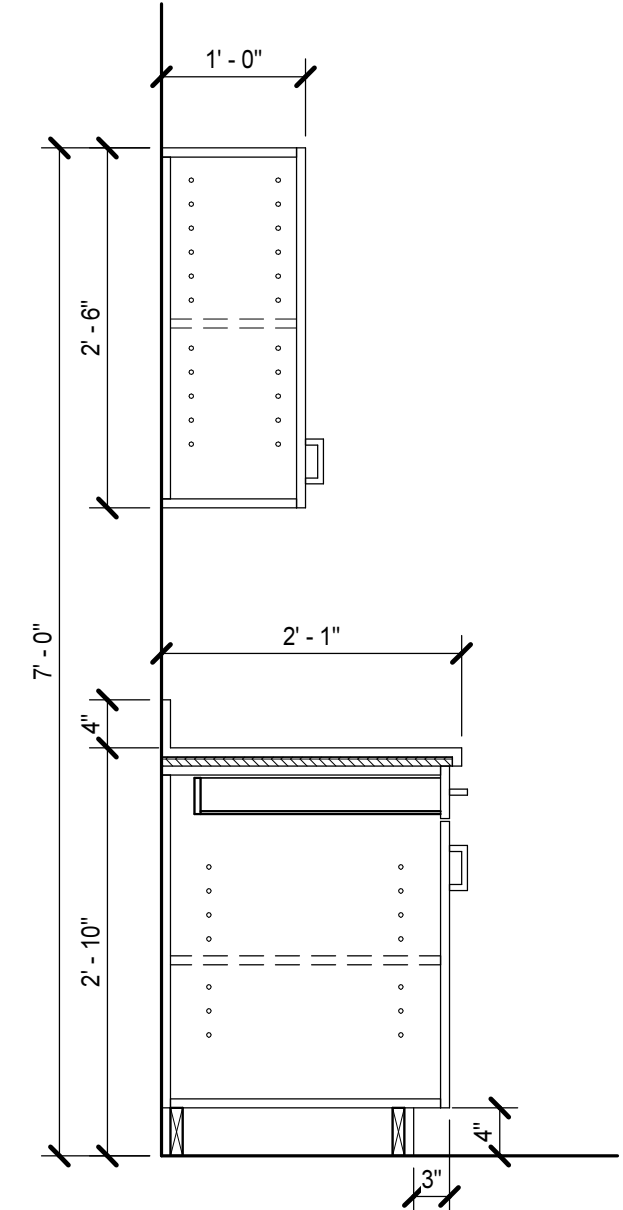
8 CFSF PARTITION TO MASONRY PARTITION DETAIL
A2.0 | A3.1
NO SCALE



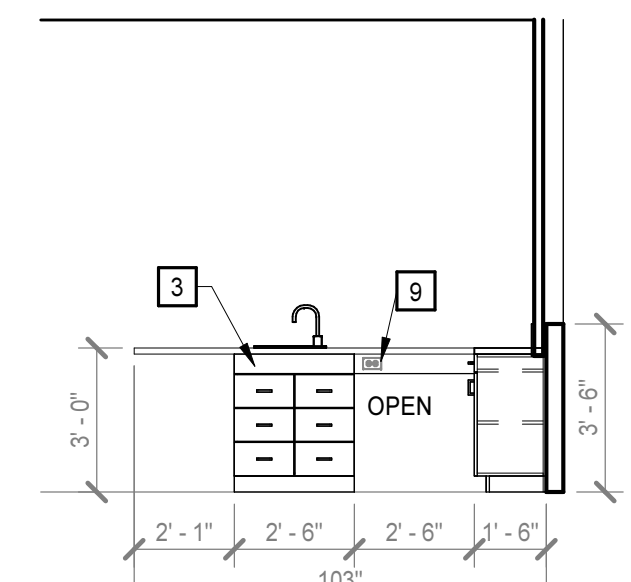
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REVISIONS:	
DATE:	DESCRIPTION:



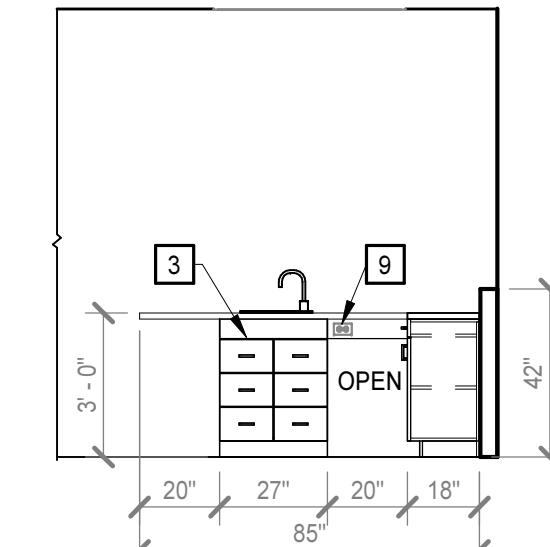
17 TYP. COUNTER SECTION WITH ADA PANEL
3/4" = 1'-0"



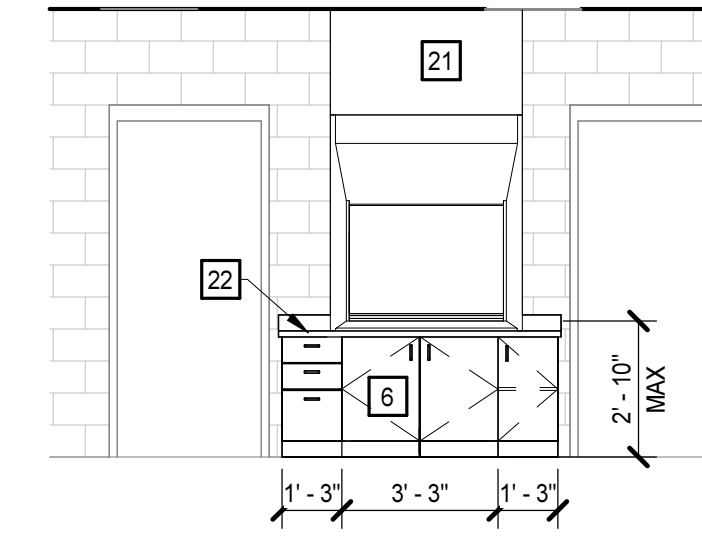
16 TYP. WALL & BASE CABINET SECTION
3/4" = 1'-0"



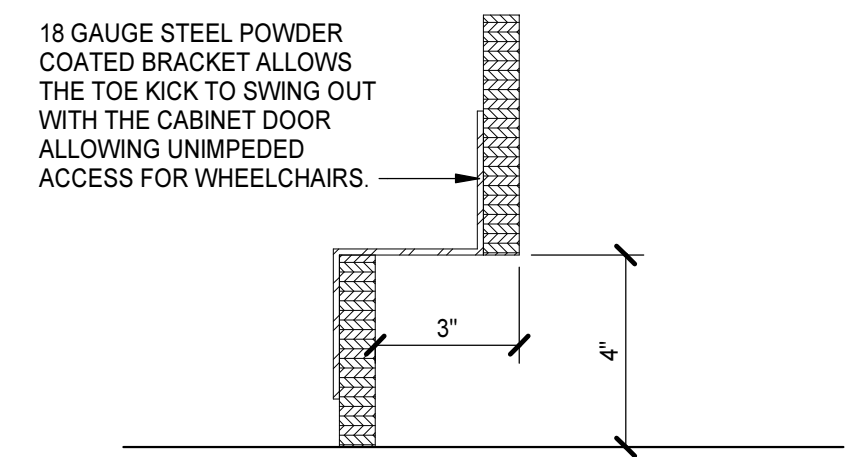
12 NORTHWEST HS C109 TYP. BENCH SINK ELEV.
1/4" = 1'-0"



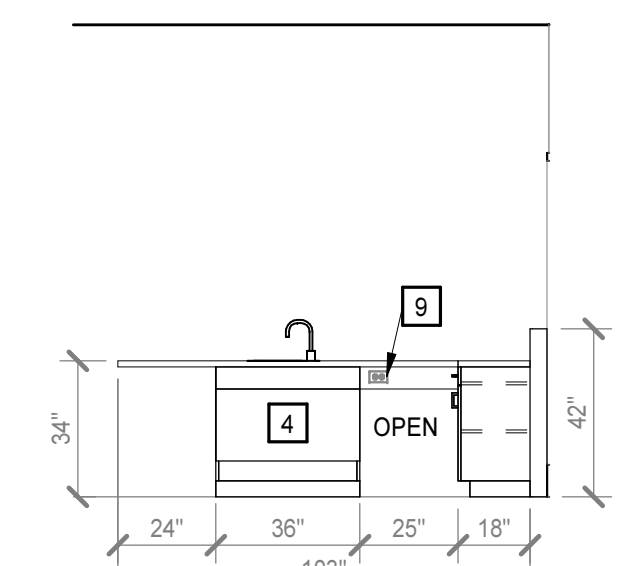
8 SOUTHEAST HS 242 TYP BENCH SINK ELEV.
1/4" = 1'-0"



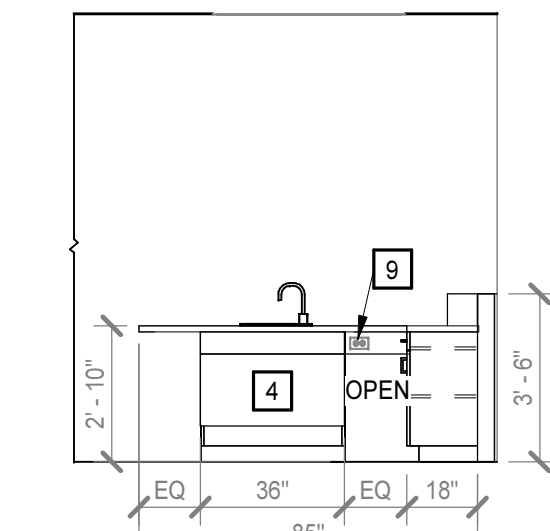
4 SOUTHEAST HS 242 FUME HOOD ELEV
1/4" = 1'-0"



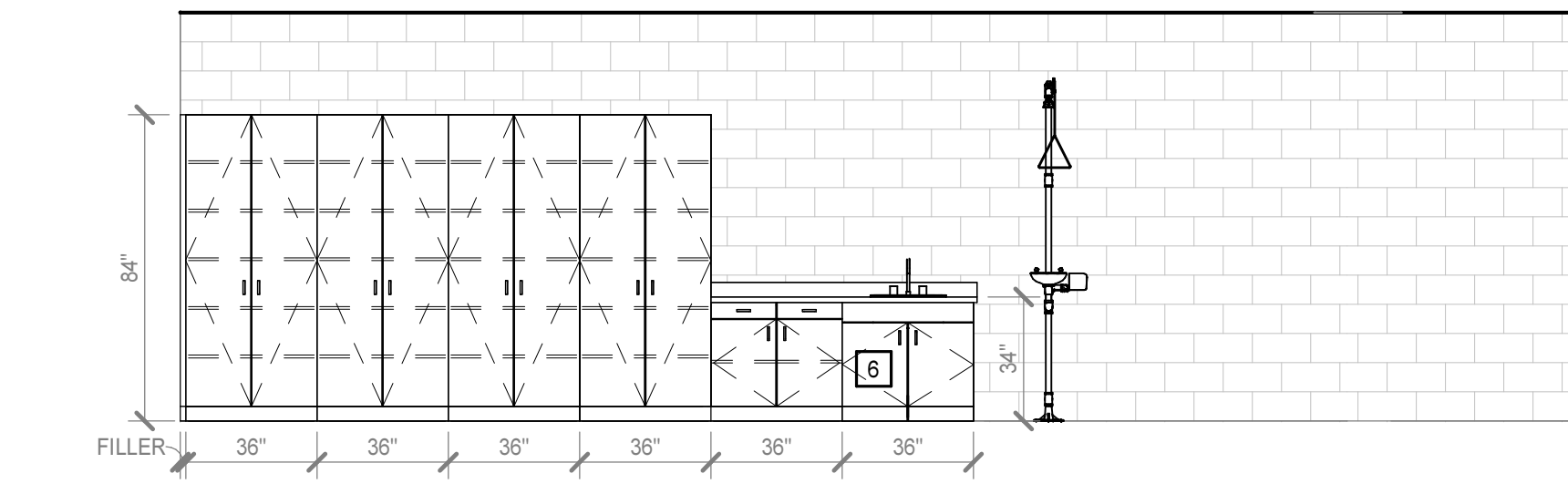
15 ACCESSIBLE TOE KICK
3" = 1'-0"



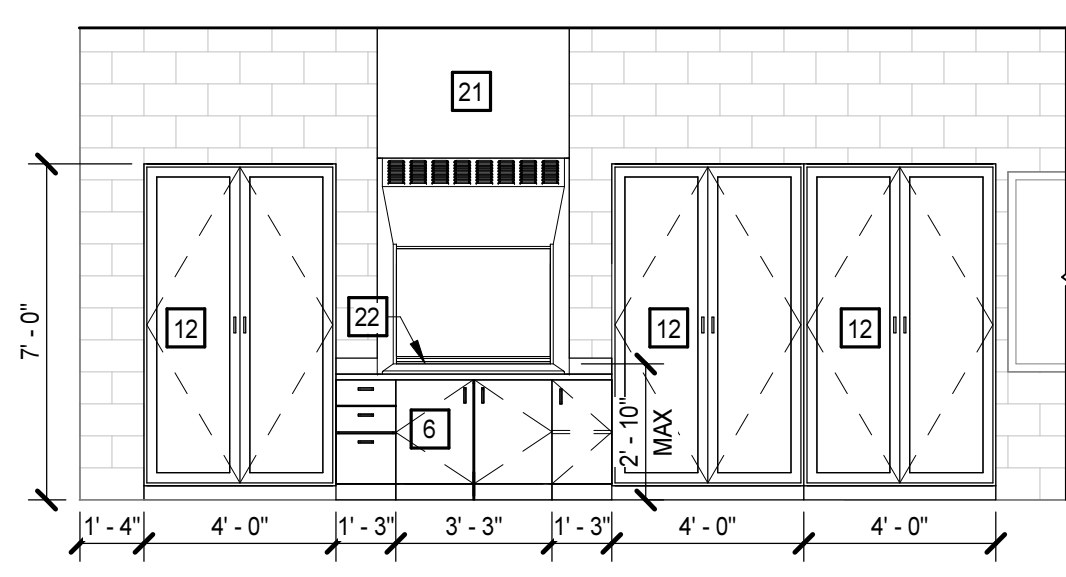
11 NORTHWEST HS C109 ADA BENCH SINK ELEV.
1/4" = 1'-0"



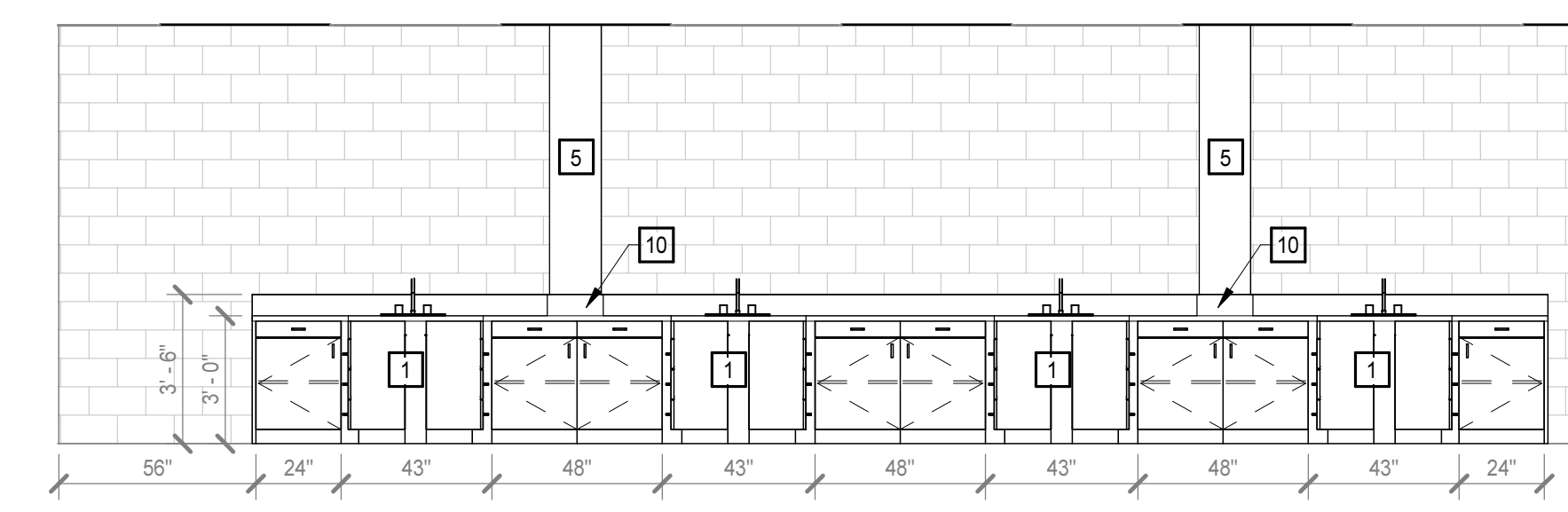
7 SOUTHEAST HS 242 ADA BENCH SINK ELEV.
1/4" = 1'-0"



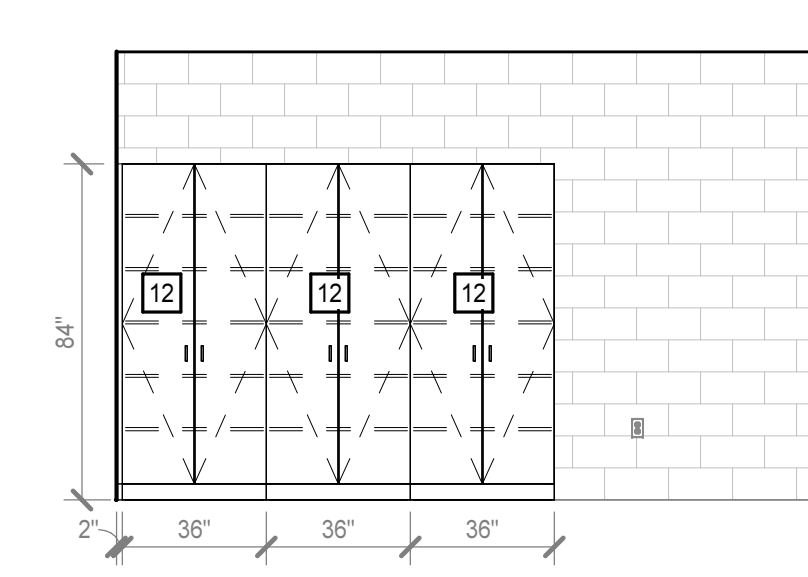
3 SOUTHEAST HS 242 EAST ELEV.
1/4" = 1'-0"



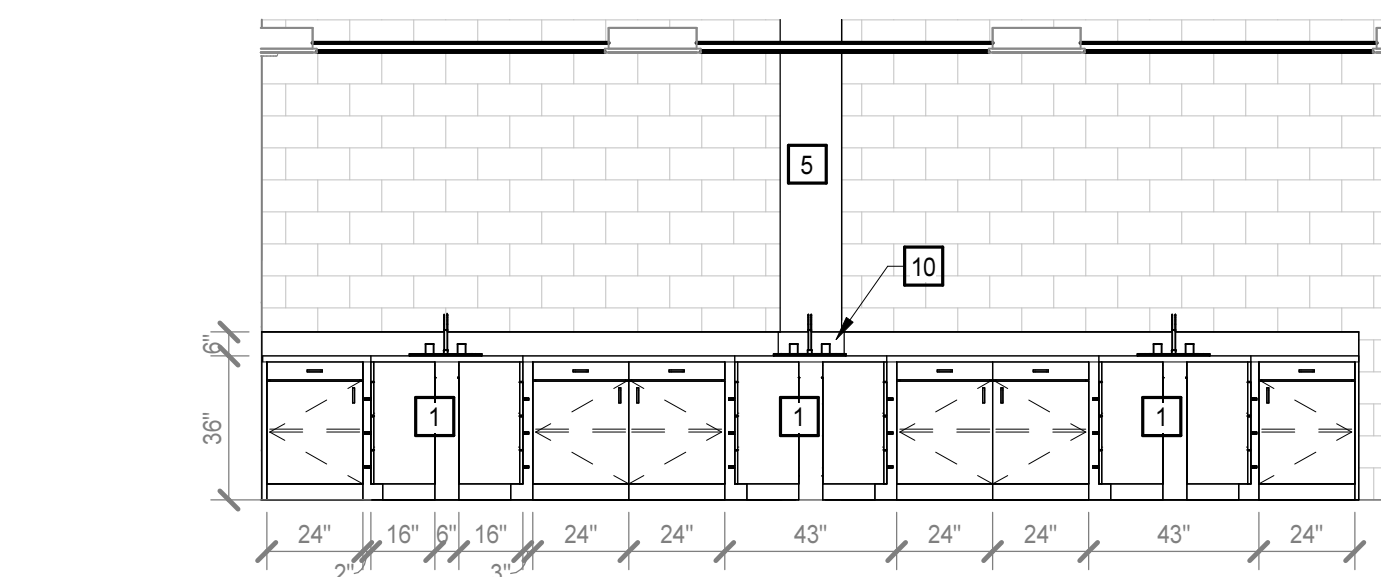
14 NORTHWEST HS C109 STORAGE
1/4" = 1'-0"



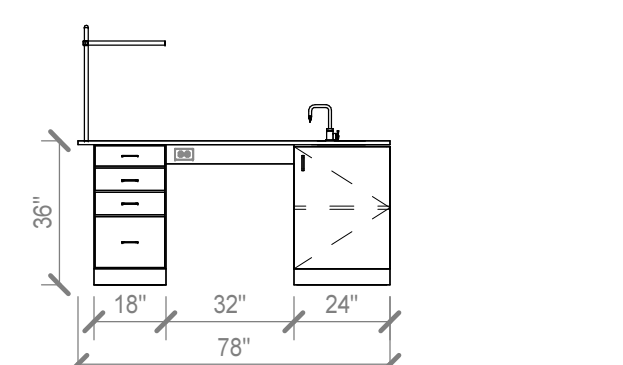
10 NORTHWEST HS C109 EAST ELEV.
1/4" = 1'-0"



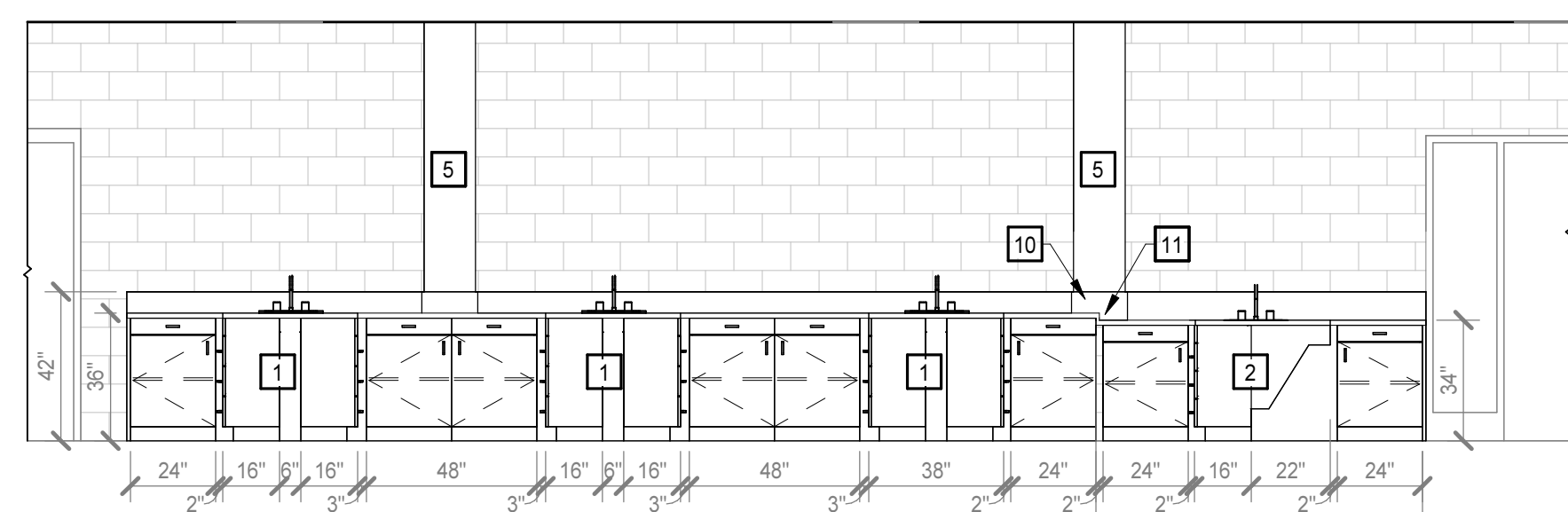
6 SOUTHEAST HS 242 PREP RM NORTH ELEV
1/4" = 1'-0"



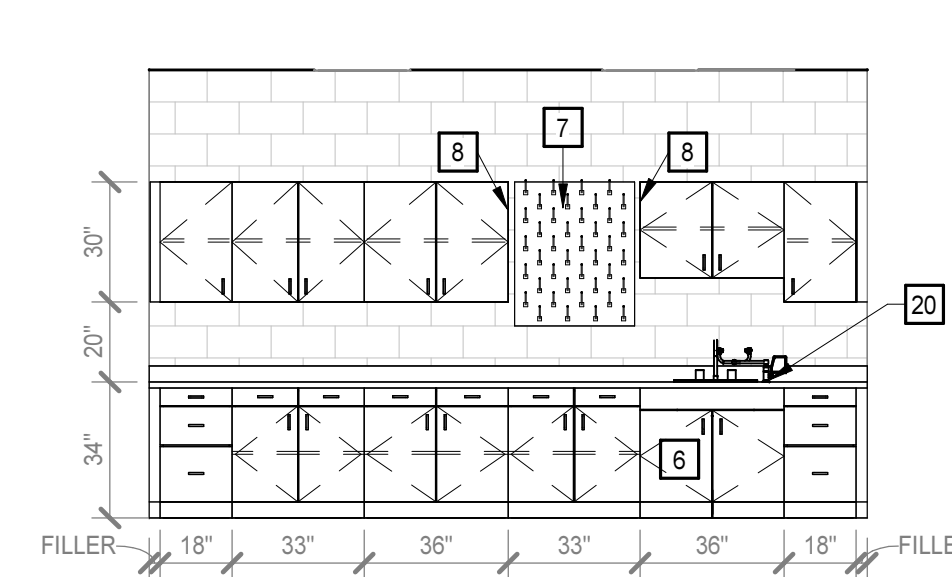
2 SOUTHEAST HS 242 NORTH ELEV.
1/4" = 1'-0"



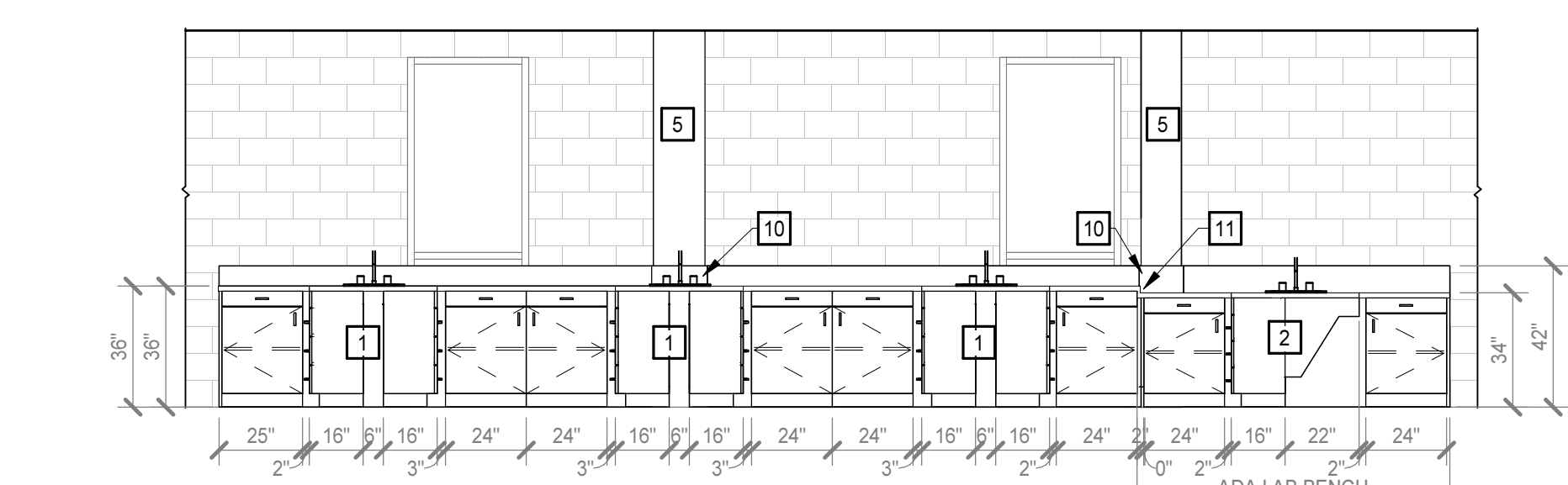
13 TYP. INSTRUCTOR DESK
1/4" = 1'-0"



9 NORTHWEST HS C109 WEST ELEV.
1/4" = 1'-0"



5 SOUTHEAST HS 242 PREP RM SOUTH ELEV.
1/4" = 1'-0"



1 SOUTHEAST HS 242 SOUTH ELEV.
1/4" = 1'-0"

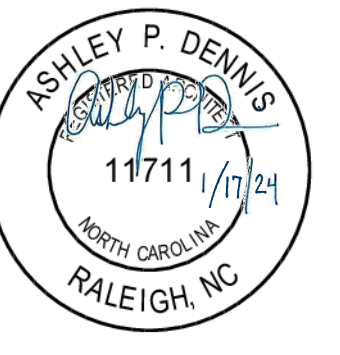
CASEWORK KEYNOTES

REPRESENTED BY [n]
APPLIES TO DRAWINGS A8.1 n Series

- FINISH END PANEL ON ISLAND CABINETS. FILL IN GAP WITH A REMOVABLE PANEL TO HIDE PLUMBING LINES
- FINISH END PANEL ON ISLAND CABINET AND ADA APRON
- TOP CABINET PANEL ABOVE DRAWERS TO BE REMOVABLE TO ACCESS PLUMBING
- REMOVABLE APRON PANEL TO ACCESS PLUMBING
- VERTICAL CHASE TO CONCEAL PLUMBING EXHAUST PIPES. REFER TO A2.0 FOR SIZE
- ADA SINK FRONT W/ INTEGRAL TOE KICK
- EPOXY RESIN BEAKER DRYING RACK WITH 39 POLYPROPYLENE 6.5" PEGS AND INTEGRAL DRIP TROUGH. 30"W X 38"W
- FINISHED END PANEL
- INSTALL AN OUTLET ON BOTH SIDES OF THE PENINSULA
- RESIN COUNTERTOP BACKSPASH TO WRAP AROUND ALL VERTICAL PLUMBING CHASES AND TOP OF LOW WALL. CORNERS TO BE MITERED AND SEALED
- RESIN COUNTER TO STEP DOWN TO ADA HEIGHT
- LOCKED CHEMICAL LAB STORAGE WITH (5) ADJ. SHELVES
- 2X WD LEDGER ANCHOR AN EACH STUD
- 2 1/2"X2 1/2"X.185 STL ANGLE BRACKET AT EACH SIDE OF APRON
- REMOVABLE WD PANEL, 4'-0" WIDE MAX
- 1X WD BACKER SCREW ATTACHED TO STL BRACKET
- Z CLIP BRACKETS
- 2 1/2"X2 1/2"X.185 STL ANGLE APRON CARRIER CONT
- FINISHED WD END PANEL BEYOND
- INSTALL EYE WASH - REFER TO PLUMBING DRAWINGS
- INSTALL TOP PANEL SURROUND ABOVE FUME HOOD TO CONCEAL DUCT
- COORDINATE CASEWORK COUNTER AND CABINETS WITH HEIGHT OF HOOD WORK AREA - MAX HEIGHT 34"

CASEWORK GENERAL NOTES- REFER TO SPECIFICATIONS 123553.19

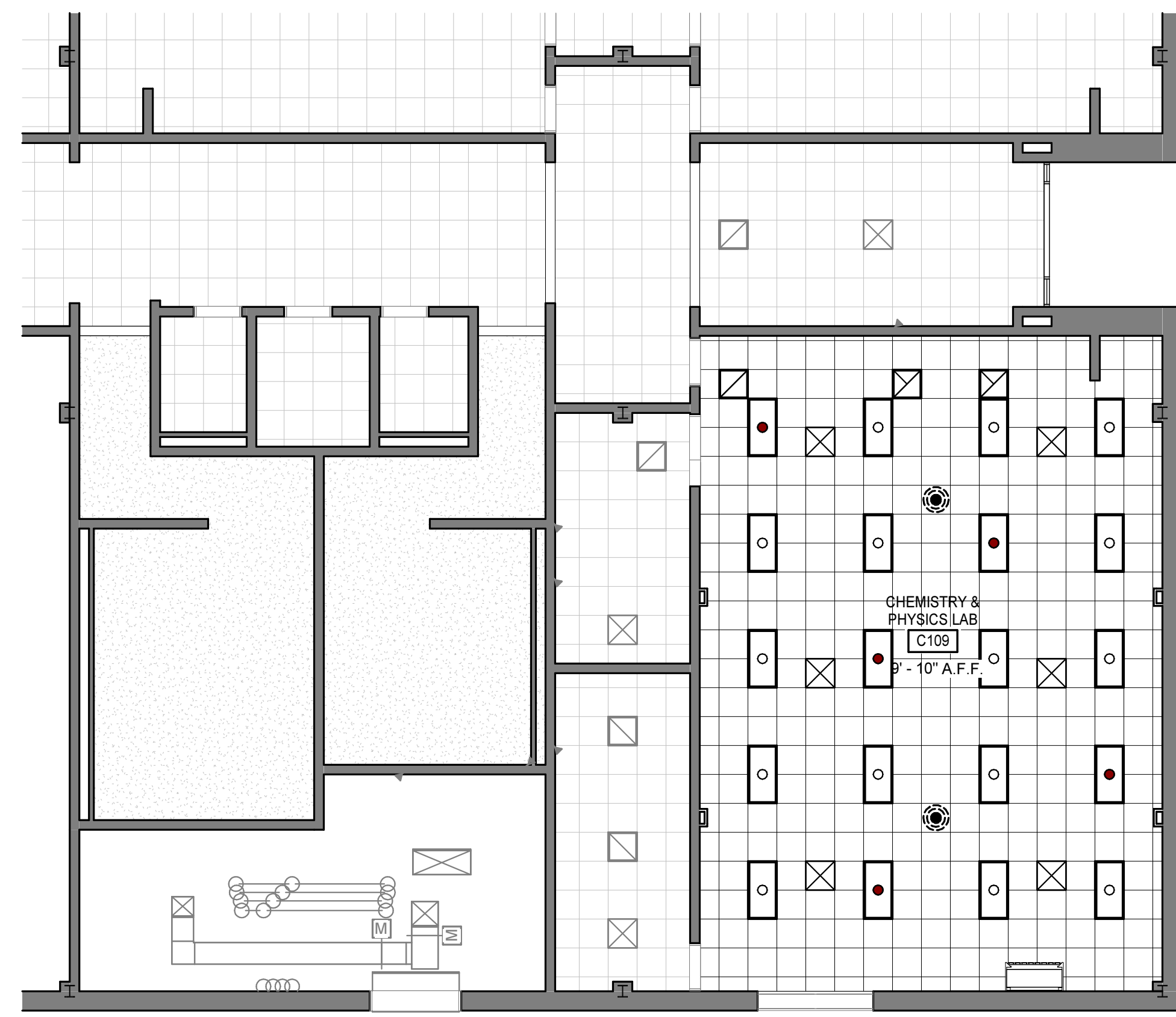
- A. UNLESS INDICATED OTHERWISE, ALL COUNTERTOP(S):
 • 2'-10" AFF MAX OR 2'-10" MAX TO TOP OF RIM AT DROP-IN SINKS AND LAVATORIES WHERE OCCURS
 • 2'-1" DEEP
 • BLACK RESIN TOP
 • BACKSPASHES: 4" HIGH AT ALL SIDES AND BACK
 • EXTEND COUNTERTOP 1/2" PAST BASE CABINET AT ALL EXPOSED CASEWORK ENDS
 • VERIFY SLAB LEVELNESS AT CASEWORK PRIOR TO INSTALL. CONSTRUCTION TOLERANCES DO NOT APPLY TO ACCESSIBILITY DIMENSIONS. MAX DIMENSIONS SHALL BE MAINTAINED.
- B. UNLESS INDICATED OTHERWISE, ALL BASE CABINET(S):
 • TOE KICKS: 4" NOMINAL HIGH (REDUCE AS NEEDED FOR TOLERANCES) AND 3" DEEP
 • SINK LOCATIONS: 3'-0" WIDE CLEAR KNEE SPACE (NO BASE CABINET) FOR BARRIER FREE ACCESS
 • SEALED WOOD CABINETS
 • FIELD VERIFY CABINET DEPTHS IN FRONT OF PLUMBING CHASE - DEPTH MAY VARY IN THESE LOCATIONS
- C. UNLESS INDICATED OTHERWISE, ALL WALL CABINET(S):
 • 1'-0 1/2" DEEP NOMINAL
 • 2'-6" HIGH
 • TOP AT 7'-0" AFF
 • MINIMUM 11" CLEAR INTERIOR DEPTH
 • SEALED WOOD CABINETS
- D. BUILT-IN EQUIPMENT: SIZE OPENING (HEIGHT, WIDTH, AND DEPTH) AND ROUGH-IN REQUIREMENTS AS REQUIRED BASED ON APPROVED MANUFACTURER SUBMITTED.
- E. ALL SHELVES: ADJUSTABLE UNLESS INDICATED OTHERWISE.
- F. PROVIDE FINISH END PANELS AT ALL EXPOSED CASEWORK ENDS
- G. LOCKS: AT INSTRUCTOR'S DESK AND TALL LAB STORAGE CABINETS



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J
H
G
F
E
D
C
B
A



RCP - NORTHWEST HALIFAX HIGH SCHOOL
1/8" = 1'-0"



RCP - SOUTHEAST HALIFAX HIGH SCHOOL
1/8" = 1'-0"

REFLECTED CEILING PLAN LEGEND
APPLIES TO DRAWINGS A9.1.n - A9.1.n

REFER TO M, E & FP DRAWINGS FOR REFLECTED CEILING PLAN SYMBOLS NOT INDICATED BELOW

[A101] SPACE NUMBER
[n'-n"] CEILING HEIGHT, AFF UNO

INTERIOR APPLICATIONS: PLASTER CEMENT, PAINTED
EXTERIOR APPLICATIONS: GYPSUM SOFFIT BOARD OR GYPSUM SHEATHING

2'-0" x 2'-0" LAY-IN ACOUSTICAL CEILING PANELS IN SUSPENDED GRID

WITH OPENING

EXISTING TO REMAIN, VERIFY VERTICAL EXTENTS WHERE THE HEIGHT IMPACTS THE WORK

INTERIOR WALL PARTITION 4" MIN ABOVE HIGHEST ADJACENT CEILING. IF NECESSARY TO ACHIEVE RESULTS DESIRED, EXTEND WALL HEIGHT SO WALL BRACING IS NOT EXPOSED TO VIEW IN FINISHED SPACES.

REFLECTED CEILING PLAN/DETAIL GENERAL NOTES

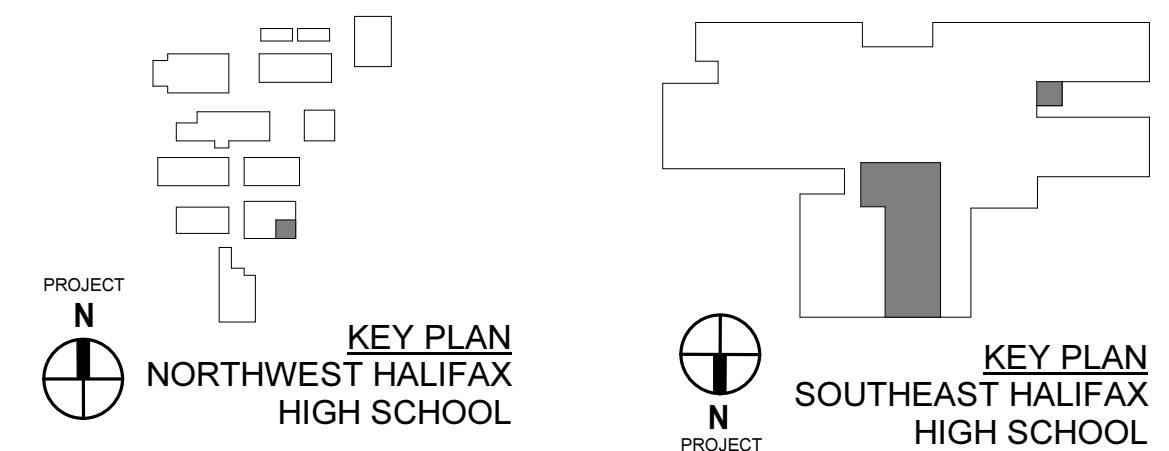
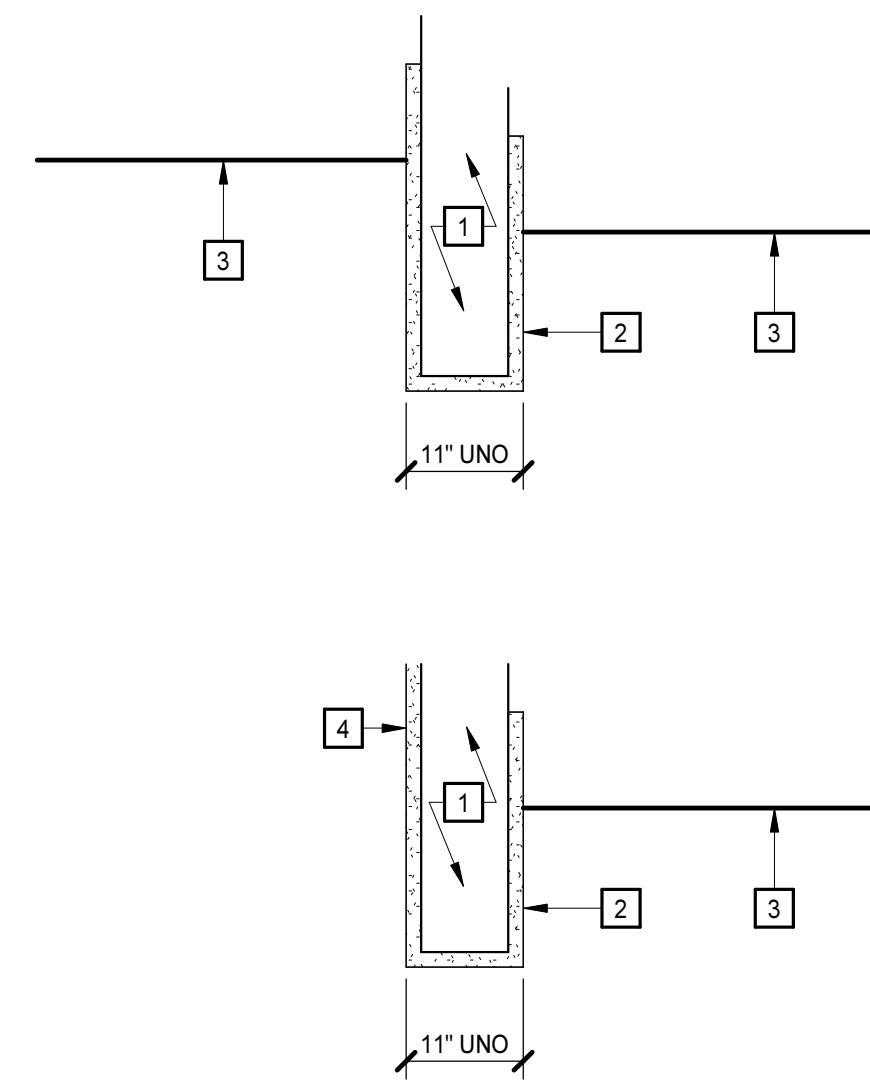
A. ALL CEILINGS ARE EXISTING TO REMAIN UNLESS INDICATED WITH A CEILING HEIGHT.

B. DRAWINGS INDICATE GRID LAYOUT DIAGRAMMATICALLY. REFER TO SPECIFICATIONS FOR SPECIFIC GRID LAYOUT CRITERIA AT PERIMETER CONDITIONS THAT MAY DIFFER FROM GRID LAYOUT INDICATED ON DRAWINGS.

C. CENTER CEILING MOUNTED ITEMS WITHIN CEILING PANELS, UNLESS INDICATED OTHERWISE.

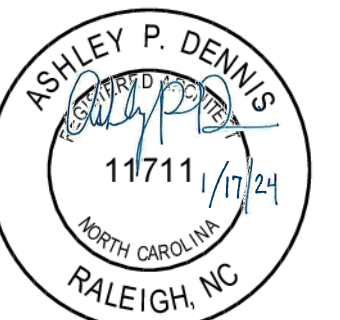
REFLECTED CEILING PLAN KEYNOTES
REPRESENTED BY []
APPLIES TO DRAWINGS A9

- 1 CFSF-S
- 2 5/8" GYP BD, TERMINATE 4" ABV FIN CLG
- 3 FIN CLG: FINISH AND/OR HEIGHT AFF VARIES
- 4 GYP BD: EXTEND FULL HEIGHT, UNLESS INDICATED OTHERWISE
- 5 ALTERNATE #1



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HALIFAX CO MULTIPLE RENOVATIONS
HALIFAX COUNTY SCHOOLS
16683 NC-125, HALIFAX, NC 27839
8492 NC-48, LITTLETON, NC 27850

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REFLECTED CEILING PLANS

A9.0



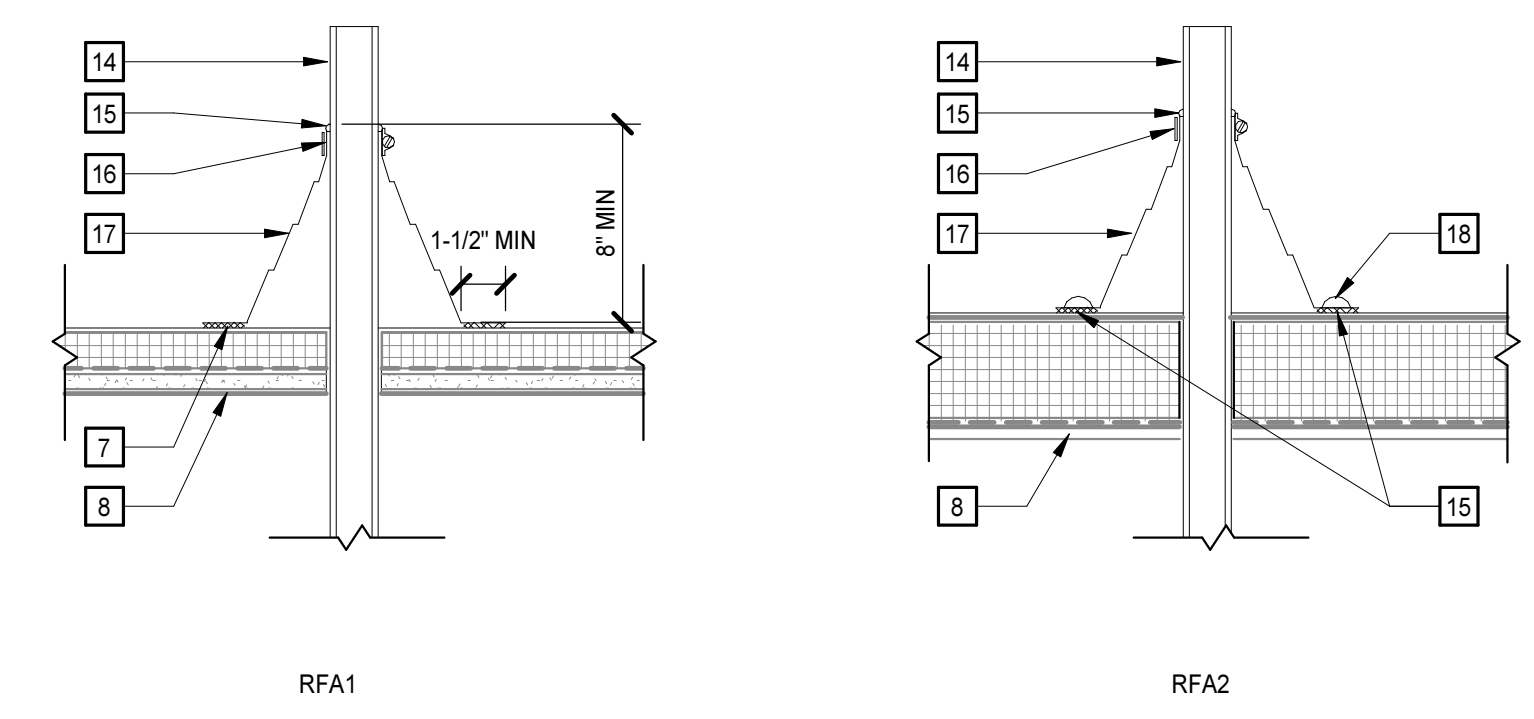
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ROOF PLAN KEYNOTES	
REPRESENTED BY [n]	
APPLIES TO DRAWINGS A10.1	
1	MECHANICAL EQUIPMENT
2	CONTINUOUS COUNTERFLASHING. EXTEND UP AS FAR AS POSSIBLE BEHIND CAP. PROFILE TO FIT TIGHT. SECURE THROUGH CAP FACE WITH EXPOSED FASTENERS @ 8" O.C.
3	ROOF CURB
4	THERMOPLASTIC FLASHING. FULLY-ADHERED. HEAT WELD TO MEMBRANE. EXTEND UP AND SECURE WITH TERMINATION BAR THROUGH TAPE SEALANT @ 8" O.C.
5	TERMINATION BAR. SECURE @ 8" O.C. THROUGH BUTYL TAPE
6	THERMOPLASTIC MEMBRANE. TURN UP MINIMUM 2" AND SECURE TO CURB W/ TERMINATION BAR
7	HOT AIR WELD
8	EXISTING ROOF
9	STRUCTURAL DECK
10	SHEET METAL FLASHING
11	FASTENER @ 4" O.C.
12	TAPE CAULK
13	TUBE CAULK
14	ROUND PENETRATION
15	SEALANT
16	STAINLESS STEEL COMPRESSION BAND
17	PRE-MOLDED PIPE BOOT, HEAT WELDED TO MEMBRANE
18	RIVETS @ 1-1/2" O.C.
19	EXISTING ROOF EXPANSION JOINT
20	PACKAGED ROOFTOP UNIT
21	EXHAUST FAN
22	FUME HOOD EXHAUST FAN

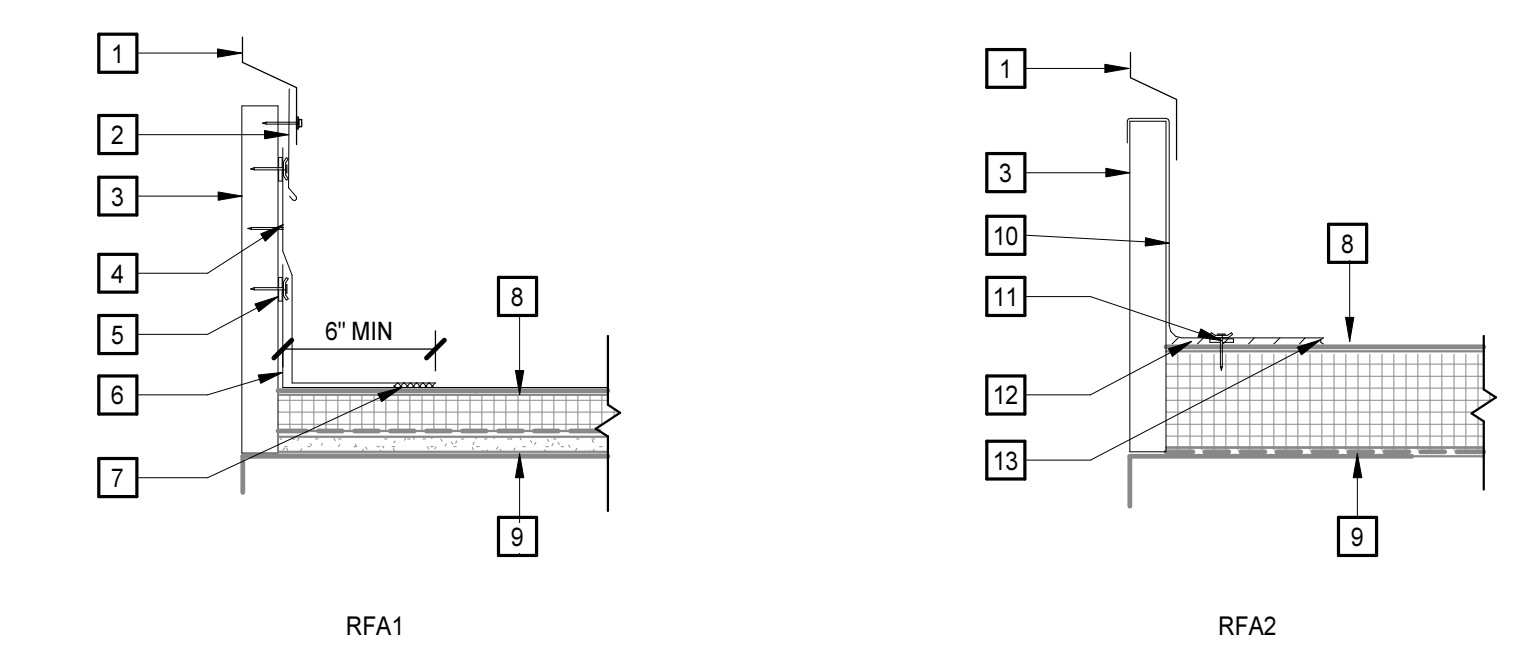
ROOF PLAN LEGEND	
APPLIES TO DRAWINGS A10.n	
REFER TO M, E & FP DRAWINGS FOR ROOF SYMBOLS NOT INDICATED BELOW	
---	WALKWAY PATH
←	INDICATES DIRECTION OF ROOF ASSEMBLY SLOPE

ROOF PLAN GENERAL NOTES	
A.	ALL ROOF ASSEMBLIES EXISTING TO REMAIN.
B.	ROOF PLAN DOES NOT INDICATE ALL EQUIPMENT AND PENETRATIONS. REFER TO OTHER DISCIPLINE'S DRAWINGS FOR QUANTITIES AND LOCATIONS OF ROOFTOP EQUIPMENT AND ASSOCIATED PENETRATIONS.
C.	COORDINATE LOCATION AND SIZE OF ROOF OPENINGS AND ASSOCIATED PENETRATIONS WITH STRUCTURE.
D.	ROOF DETAILS MAY NOT ENTIRELY REPRESENT ACTUAL EXISTING OR CONSTRUCTION CONDITIONS. ACTUAL DETAIL ASSEMBLIES SHALL BE APPROVED BY ROOFING MANUFACTURER.
E.	ROOF PLAN DOES NOT INDICATE ALL ROOFING DETAILS (INCLUDING BUT NOT LIMITED TO ROOF DRAINS, VTR, CURBS, EXPANSION JOINTS, ROOF HATCHES). PROVIDE MFR'S DETAILS AS REQUIRED TO SUIT SPECIFIC APPLICATION AND SPECIFICATIONS.
F.	PROVIDE CRICKETS AT DRAINS, WALLS, CURBS, MECHANICAL EQUIPMENT, AND OTHER OBSTRUCTIONS SUCH THAT 1/4" PER FOOT MINIMUM POSITIVE DRAINAGE SLOPE IS MAINTAINED AT ALL SUCH AREAS.
G.	PROVIDE DOUBLE-LAYER OF MEMBRANE ROOFING MATERIAL UNDER SPLASH BLOCKS.
H.	CENTER ALL PENETRATIONS BETWEEN RIBS OF METAL ROOFING. PIPING, DUCTWORK AND CURBS SHALL BE OFFSET AS REQUIRED TO ACHIEVE PENETRATIONS CENTERED BETWEEN RIBS.

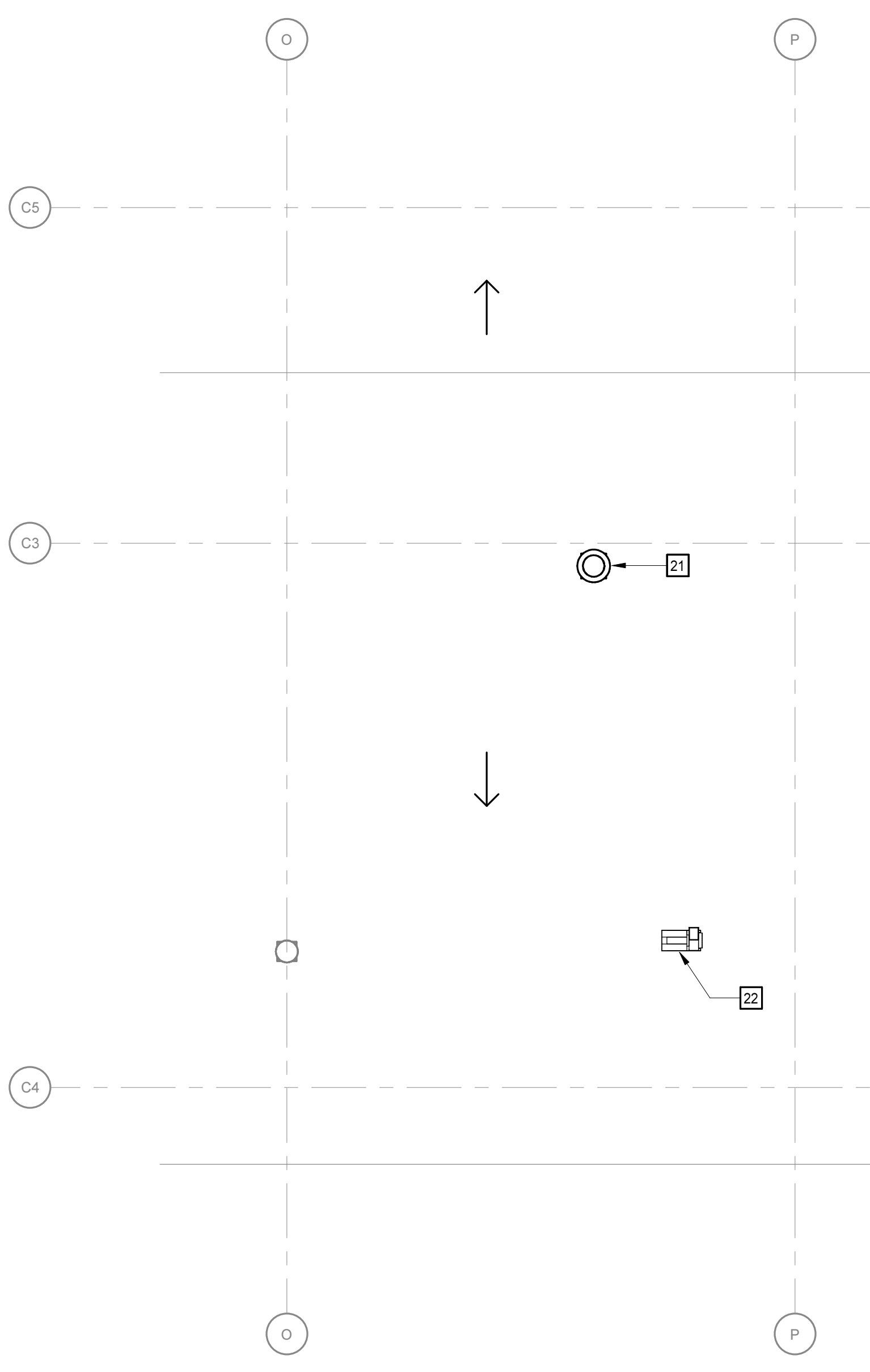
ROOF ASSEMBLIES			
APPLIES TO A10.n SERIES OF DRAWINGS			
REPRESENTED BY [n]			
MARK	FIRE RATED ASSEMBLY (REFER TO LS:1 FOR LEGEND)	REMARKS	INFORMATION
RFA1	⬡	EXISTING ASSEMBLY AT SOUTHEAST COLLEGIATE PREP ACADEMY. PATCH AS NEEDED FOR MECHANICAL/STRUCTURAL EQUIPMENT.	
RFA2	⬡	EXISTING ASSEMBLY AT NORTHWEST COLLEGIATE & TECH ACADEMY. PATCH AS NEEDED FOR INSTALLATION OF MECHANICAL EQUIPMENT.	



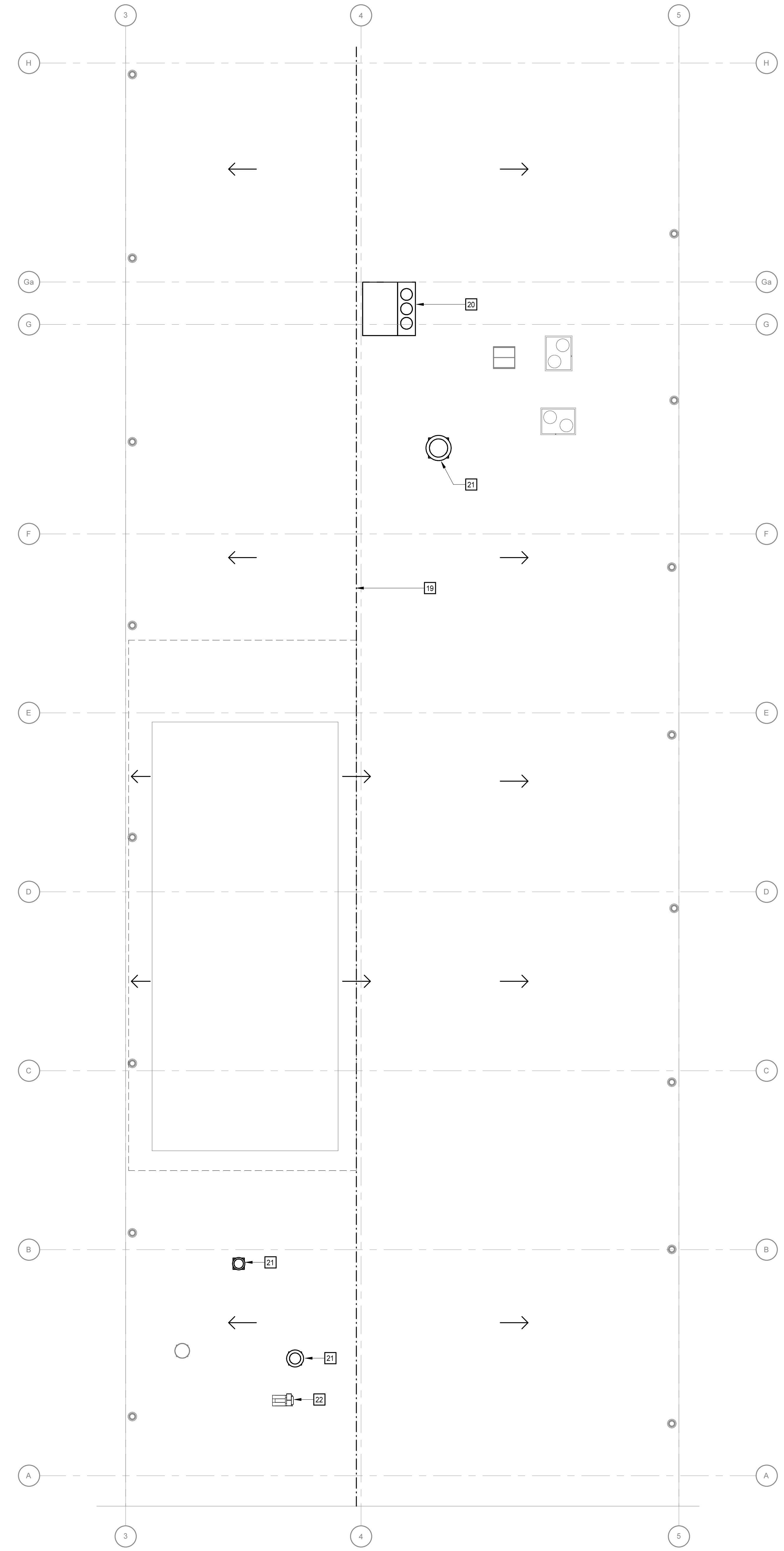
4 PIPE PENETRATION
 A10.1 1 1/2" = 1'-0"



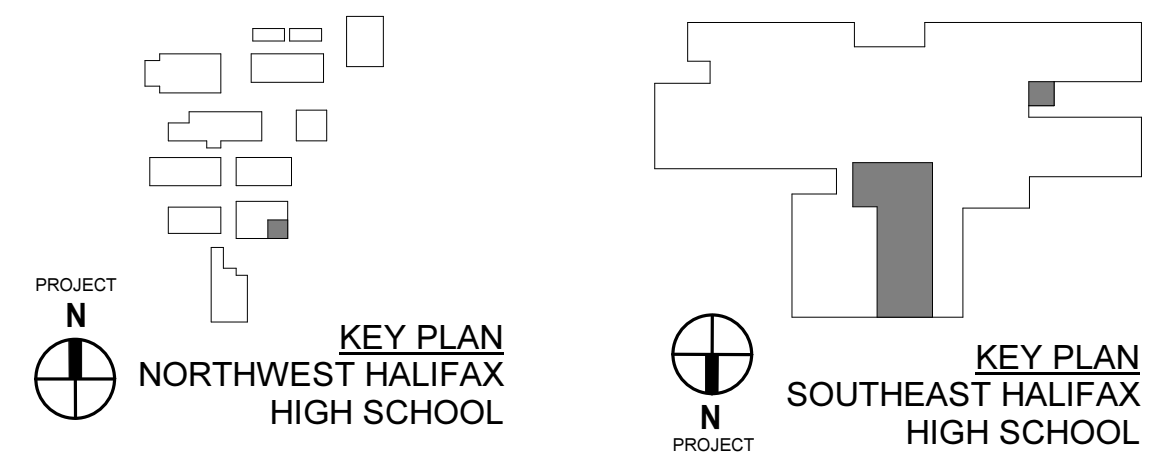
3 CURBED PENETRATION
 A10.1 1 1/2" = 1'-0"

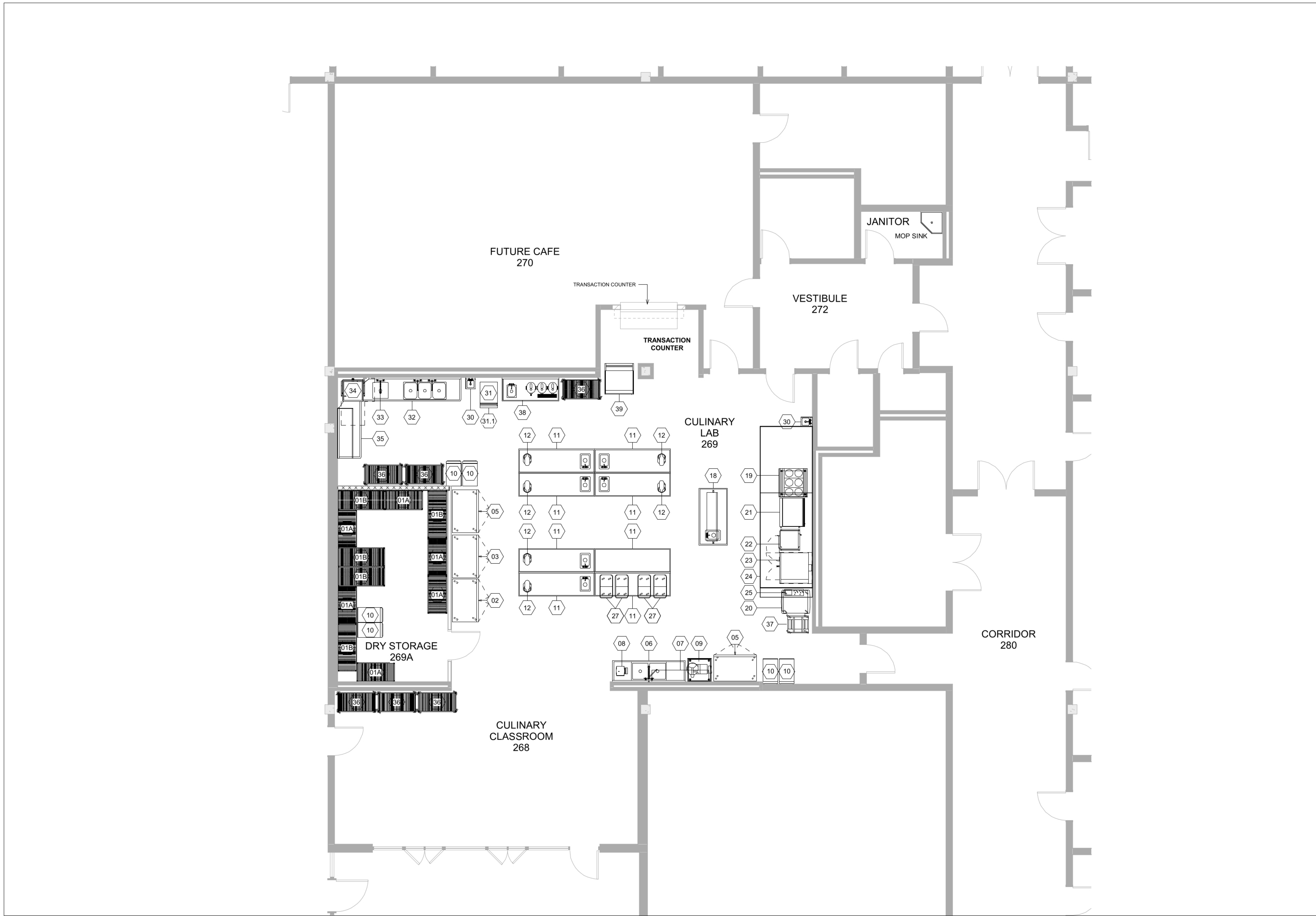


ROOF PLAN - NORTHWEST HALIFAX HIGH SCHOOL
 1/8" = 1'-0"



ROOF PLAN - SOUTHEAST HALIFAX HIGH SCHOOL
 1/8" = 1'-0"





1 FOOD SERVICE EQUIPMENT PLAN
 FS.01 1/4" = 1'-0"

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DATE:	JANUARY 17, 2024
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1/10/2024 9:22:50 AM

FOOD SERVICE EQUIPMENT SCHEDULE

QTY	ITEM	DESCRIPTION	MANUFACTURER	MODEL	ITEM	ELECTRICAL						PLUMBING						REMARKS	ITEM			
						ELECTRICAL A.F.F.	KW	HP	AMPS	VOLTS	PHASE	NEMA	HW SIZE	HW/A.F.F.	CW SIZE	CW/A.F.F.	IW			DRAIN TYPE	DW	DW A.F.F.
6	01A	SHELVING UNIT	METRO	5Q557G3	01A															5-TIER, (4) 74" POSTS, POLYMER	01A	
5	01B	SHELVING UNIT	METRO	5Q567G3	01B															5-TIER, (4) 74" POSTS, POLYMER	01B	
1	02	REACH-IN REFRIGERATOR	EXISTING	RESET	02	24"		1/3	3.5	120	1	5-15P								VERIFY UTILITIES WITH OWNER	02	
1	03	REACH-IN FREEZER	EXISTING	RESET	03	24"		1	8.0	120	1	5-15P								VERIFY UTILITIES WITH OWNER	03	
1	04	SPARE NUMBER	-	-	04																04	
2	05	REACH-IN REFRIGERATOR	EVERSET	EBR2	05	24"		1/3	3.5	120	1	5-15P									05	
1	06	TWO-COMPARTMENT SINK	EAGLE GROUP	FN2040-2-24-14/3	06								1/2"	14"	1/2"	14"	2"	F.S.		PRE-RINSE FAUCET W/ADD-ON FAUCET, (2) LEVER WASTE	06	
1	07	OVERSHELF W/POT RACK	AERO MANUFACTURING	2WSP-10108	07															MOUNT 5-6" A.F.F.	07	
1	08	FOOD PROCESSOR	ROBOT COUPE	CL50 1 SPEED	08	50"			12.0	120	1	5-15P									08	
1	09	FOOD CUTTER	HOBART	84145-1	09	50"		1/2	9.5	120	1	5-15P								EQUIPMENT STAND	09	
6	10	MOBILE UTILITY CART	EXISTING	RESET	10																10	
8	11	WORKTABLE WITH WELD-IN SINK	EAGLE GROUP	T3096STEM-BS	11								1/2"	STUB	1/2"	STUB		F.S.		WELD-IN 10" x 14" x 9-1/2" SINK BOWL, DECK MOUNT FAUCET, LEVER WASTE	11	
6	12	5 QT. MIXER	HOBART	N50-60	12	U.C.		1/6	2.9	120	1	C&P									12	
1	14	SPARE NUMBER	-	-	14																14	
1	18	72" DEMO TABLE	AERO	DEMO-3672-MOD	18								1/2"	STUB	1/2"	STUB		F.S.		WELD-IN 10" x 14" x 9-1/2" SINK BOWL, DECK MOUNT FAUCET, LEVER WASTE	18	
1	19	6-BURNER HOTPLATE, COUNTERTOP	EXISTING	RESET	19	24"			38.0	208	3	DIRECT								EQUIPMENT STAND, VERIFY UTILITIES WITH OWNER	19	
1	20	HEATED PROOFING CABINET	EXISTING	RESET	20	24"			15.0	120	1	5-15P								CASTERS, VERIFY UTILITIES WITH OWNER	20	
1	21	GRIDDLE, ELECTRIC, COUNTERTOP	EXISTING	RESET	21	24"			48.0	208	1	DIRECT								EQUIPMENT STAND, VERIFY UTILITIES WITH OWNER	21	
1	22	CONVECTION STEAMER, SINGLE	ACCUTEMP PRODUCTS	E62081D060 SGL	22	24"			29.0	208	1	L6-30P								NO WATER AND DRAIN CONNECTION	22	
1	23	CONVECTION OVEN, SINGLE	BLODGETT	MARK V-100 SGL	23	24"			31.0	208	3	DIRECT								CASTERS	23	
1	24	EXHAUST HOOD	CAPTIVEAIRE	ND2-PSP	24	ABV.			20.0	120	1	(2) DIRECT								REFER TO VENTILATION CONNECTION SCHEDULE	24	
1	25	FIRE SUPPRESSION SYSTEM	ANSUL	R-102	25															WET CHEMICAL	25	
4	27	INGREDIENT BIN	CAMBRO	IBS27148	27															CASTERS	27	
2	30	HAND SINK, WALL MOUNT	EAGLE GROUP	HSA-10-FA	30								1/2"	14"	1/2"	14"			2"	0' - 10"	SIDE SPLASH WHERE REQUIRED	30
1	31	ICE MAKER, AIR COOLED	EXISTING	RESET	31	68"			10.6	120	1	DIRECT			3/8"	64"	1"	F.S.			WATER FILTER, VERIFY UTILITIES WITH OWNER	31
1	31.1	ICE BIN	EXISTING	RESET	31.1												1"	F.S.				31.1
1	32	DISHTABLE W/POT SINKS	EAGLE GROUP	SDTPR-124-14/3	32								(2) 1/2"	14"	(2) 1/2"	14"	2"	F.S.			(2) FAUCET, (4) LEVER WASTE	32
1	33	PRE-RINSE UNIT	T&S BRASS	B-0133	33								1/2"	14"	1/2"	14"	1"	F.S.				33
1	34	DISHWASHER, DOOR TYPE, HIGH TEMP VENTLESS ELECTRIC	HOBART	AM16VLT-BAS	34	24"			53.7	208	3	SINGLE POINT	3/4"	14"	3/4"	14"	1"	F.S.			VENTLESS, SINGLE POINT CONNECTION	34
1	35	CLEAN DISHTABLE, STRAIGHT, LEFT HANDED	EAGLE GROUP	CDTL-72-14/3	35																RACK SHELF MOUNTED AT 5'-4" A.F.F.	35
6	36	MOBILE SHELVING UNIT, POLYMERWIRE, 4-TIER	METRO	Q558E63	36																CASTERS	36
1	37	RACK, UNIVERSAL	CHANNEL MANUFACTURING	AXD-UJR-12	37																CASTERS	37
1	38	BEVERAGE COUNTER	EAGLE GROUP	BEV3072SEM-10BS/L	38								1/2"	14"	1/2"	14"		F.S.			FAUCET, LEVER WASTE, TROUGH	38
1	39	MERCHANDISER, HYBRID	FEDERAL INDUSTRIES	CD3628SS/RSS3SC	39	24"		1/2	16.0	120	1	5-20P									ENERGY SAVING NIGHT COVER	39

ABBREVIATIONS	
ABV.	ABOVE
A.F.F.	ABOVE FINISHED FLOOR
CTR.	COUNTER MOUNTED
C.W.	COLD WATER
E.C.	ELECTRICAL CONTRACTOR
F.D.	FLOOR DRAIN
F.S.	FLOOR SINK
F.S.E.C.	FOOD SERVICE EQUIPMENT CONTRACTOR
G.C.	GENERAL CONTRACTOR
H.W.	HOT WATER
I.W.	INDIRECT WASTE
M.C.	MECHANICAL CONTRACTOR
N.I.K.C.	NOT IN KITCHEN CONTRACT
S/S	STAINLESS STEEL
ST.	STUB
U.C.	UTILITY CHASE
W.	WASTE

110° F. HOT WATER REQUIREMENTS			GPH
MOP SINK	-		5
HAND SINK	2 @ 5		10
	TOTAL		15
140° F. HOT WATER REQUIREMENTS			GPH
POT SINKS	3 @ 30		90
PREP SINKS	9 @ 20		180
DISHWASHER, VENTLESS	FROM BOOSTER @ 20 PSI		26.8
	TOTAL		296.8

VENTILATION CONNECTION SCHEDULE						
ITEM	CONNECTION	SIZE	CFM	S.P.	QTY.	TOTAL
24A	EXHAUST	12" DIA.	1330	-0.560"	1	1330
24B	EXHAUST	14" DIA.	1900	-0.722"	1	1900

EXISTING EQUIPMENT:
TRADES TO DISCONNECT KITCHEN EQUIPMENT IN KITCHEN.
FOOD SERVICE EQUIPMENT CONTRACTOR TO MOVE IN & SET IN PLACE THOSE ITEMS INDICATED AS RESET.
OWNER TO REMOVE ALL EXISTING EQUIPMENT FROM SITE.

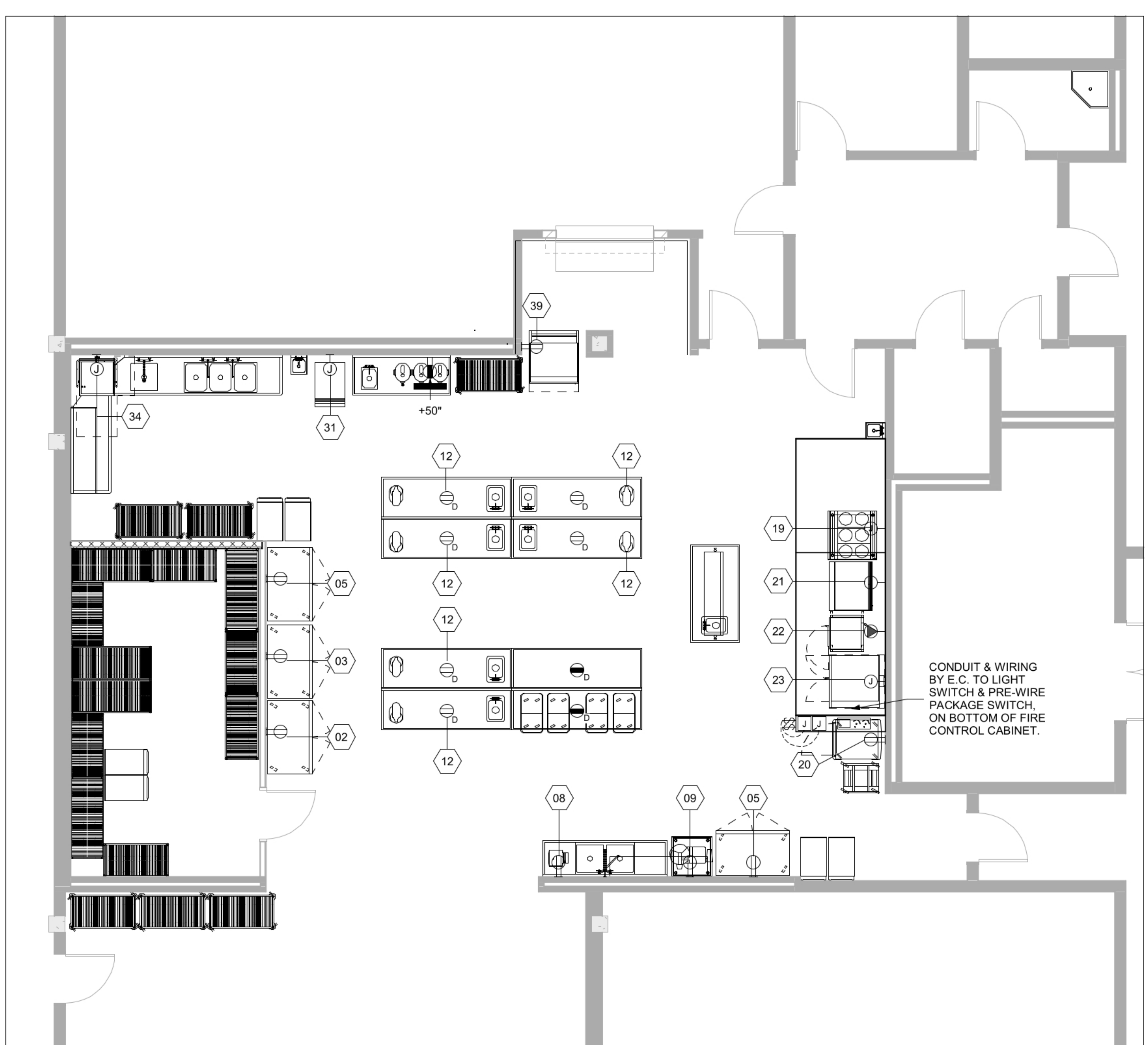
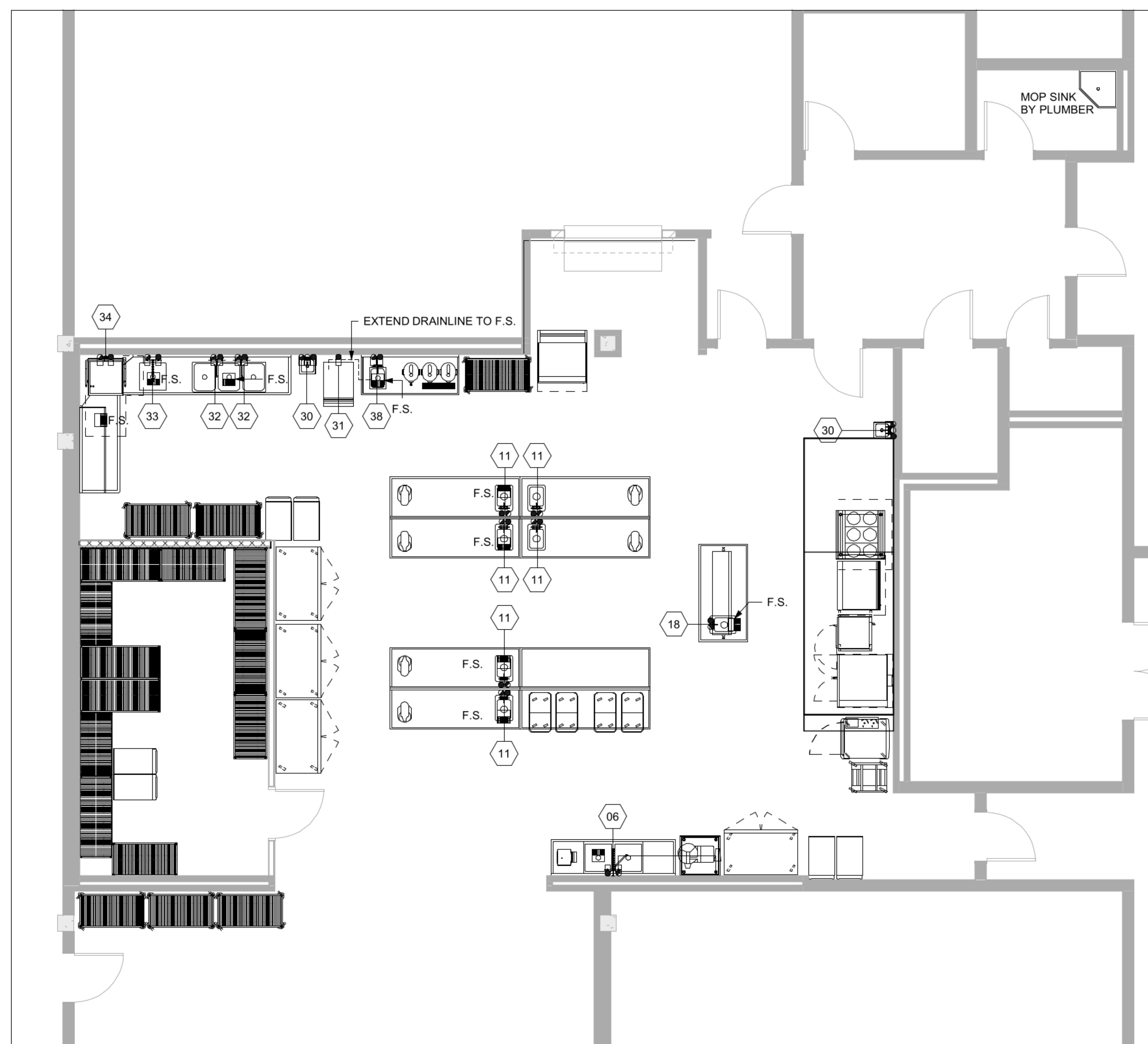
ELECTRICAL LOADS ARE BASED ON MANUFACTURER'S INFORMATION. MINIMUM CIRCUIT AMPACITY AND OVERCURRENT PROTECTION TO BE DETERMINED BY CODE REQUIREMENTS AND/OR MANUFACTURER'S DIRECTIONS.

PLUMBING CONTRACTOR TO PROVIDE BACKFLOW PREVENTION DEVICE FOR ALL BEVERAGE EQUIPMENT, COOKING EQUIPMENT, DISHMACHINES, AND ICE MACHINES AS REQUIRED BY CODE

THE DATA ON EXISTING EQUIPMENT IS THE BEST AVAILABLE AT THE TIME THESE DRAWINGS WERE PREPARED, AND IS OFFERED FOR PLANNING PURPOSES ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL DATA PRIOR TO ROUGHING-IN UTILITIES FOR EXISTING EQUIPMENT

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1 FOOD SERVICE PLUMBING PLAN
 FS.03 1/4" = 1'-0"

2 FOOD SERVICE ELECTRICAL PLAN
 FS.03 1/4" = 1'-0"

MECHANICAL SYMBOLS	
●	HOT WATER (HW)
●	COLD WATER (CW)
○	WASTE (W)
□	FD FLOOR DRAIN
□	FS FLOOR SINK W/HALF GRATE
▬	EXHAUST DUCT CONNECTION
▬	SUPPLY DUCT CONNECTION

ELECTRICAL SYMBOLS	
⊕	J-BOX, FLUSH IN WALL
⊕	J-BOX FROM ABOVE
●	WATERPROOF CONDUIT STUB
⊕	DUPLEX OUTLET
⊕	SPECIAL OUTLET TO MATCH EQUIPMENT
⊕	CONVENIENCE OUTLET, UNASSIGNED
F	FLOOR MOUNTED OUTLET BY E.C.
U.C.	UTILITY CHASE MOUNTED OUTLET

PLUMBING ROUGHING IN NOTES

EXISTING EQUIPMENT IS TO REMAIN IN PLACE. NO UTILITY WORK REQUIRED.
 THIS PLAN IS INTENDED TO SHOW UTILITY REQUIREMENTS AND APPROXIMATE ROUGHING-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING-IN. FOR FINAL ROUGH-IN LOCATIONS SEE DIMENSIONED PLANS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR.
 WHERE EXPOSED PIPES AND CONDUITS ARE NECESSARY, THEY SHOULD BE MOUNTED 1 TO 2 INCHES OFF THE WALL AND 6 INCHES OFF THE FLOOR TO ALLOW FOR CLEANING.

PLUMBING NOTES

PLUMBING TRIM SUCH AS FAUCETS AND SINK WASTES SHALL BE FURNISHED WITH EQUIPMENT BY FOOD SERVICE EQUIPMENT CONTRACTOR. PLUMBER TO PROVIDE SERVICE, STOP VALVES, P-TRAPS, ETC., AND MAKE FINAL CONNECTIONS.
 UTILITY RACEWAY FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR PRE-PLUMBED AND WITH QUICK DISCONNECTS. PLUMBER TO MAKE FINAL CONNECTIONS AND INSTALL QUICK DISCONNECTS TO EQUIPMENT.

MECHANICAL NOTES

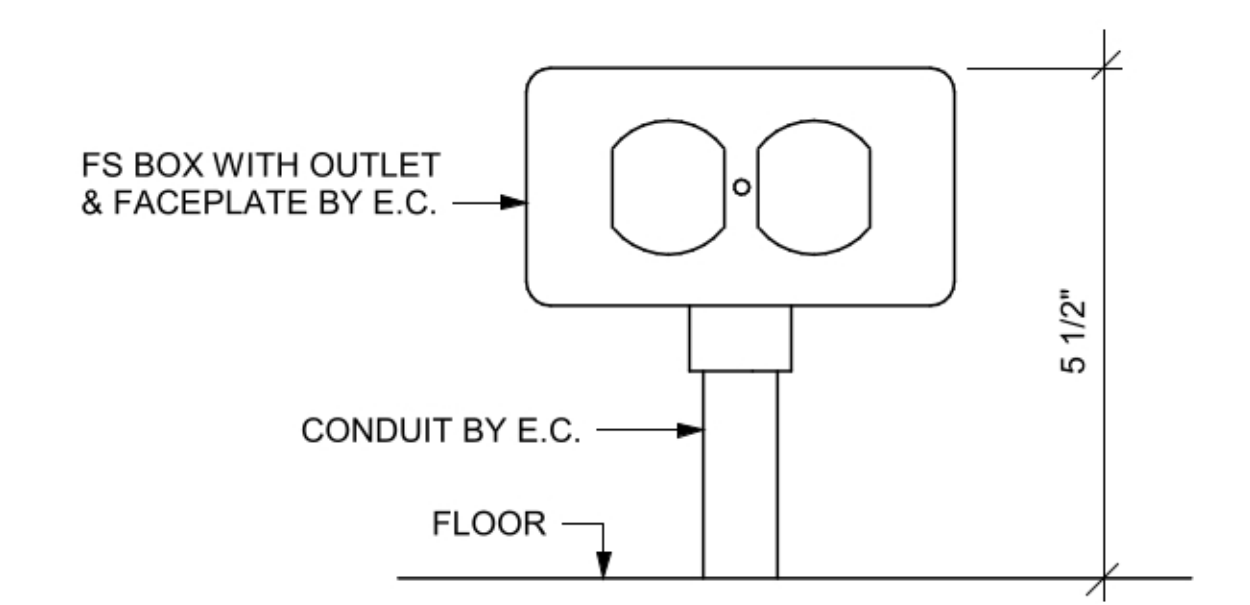
EXHAUST HOOD SHALL BE FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR WITH CONNECTION COLLARS ON TOP. H.V.A.C. CONTRACTOR TO PROVIDE EXHAUST FAN, BUILDING DUCTWORK AND MAKE FINAL CONNECTIONS.

ELECTRICAL ROUGHING IN NOTES

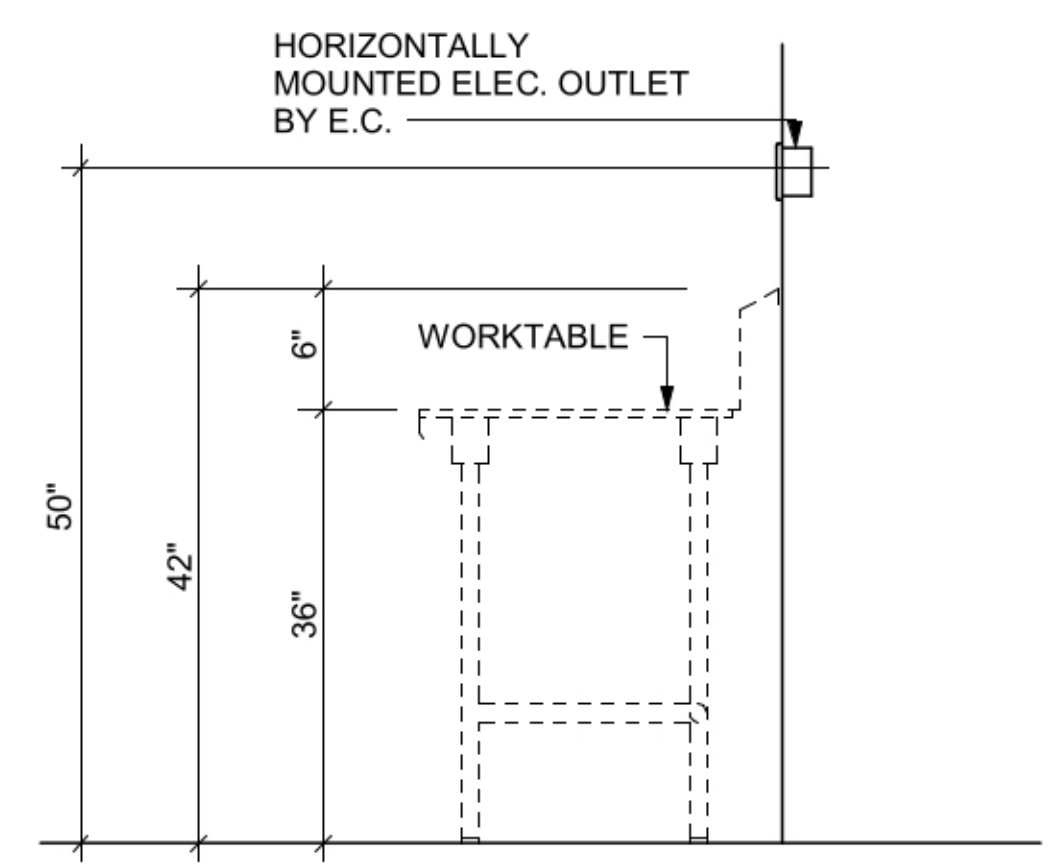
THIS PLAN IS INTENDED TO SHOW UTILITY REQUIREMENTS AND APPROXIMATE ROUGHING-IN LOCATIONS ONLY. DO NOT USE FOR ACTUAL ROUGHING IN. FOR FINAL ROUGH-IN LOCATIONS SEE DIMENSIONED PLANS PROVIDED BY FOOD SERVICE EQUIPMENT CONTRACTOR.
 WHERE EXPOSED PIPES AND CONDUITS ARE NECESSARY, THEY SHOULD BE MOUNTED 1 TO 2 INCHES OFF THE WALL AND 6 INCHES OFF THE FLOOR TO ALLOW FOR CLEANING.

ELECTRICAL NOTES

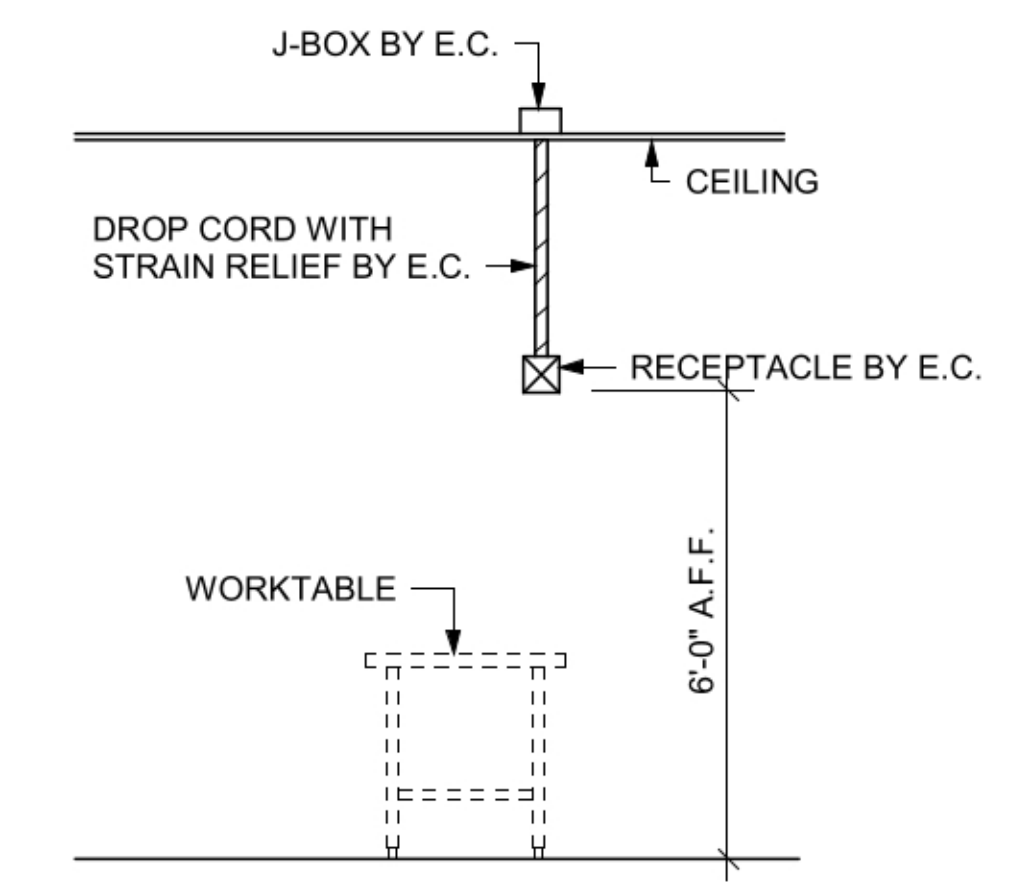
EXHAUST HOODS FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR WITH LIGHT FIXTURES AND EMPTY CONDUIT TO J-BOX. ELECTRICAL CONTRACTOR TO INTERCONNECT TO LIGHT SWITCH ON BOTTOM OF FIRE CONTROL CABINET.
 EXHAUST HOOD FURNISHED WITH FAN PREWIRE PACKAGE. ELECTRICAL CONTRACTOR TO INTERCONNECT TO SWITCH ON BOTTOM OF FIRE CONTROL CABINET.
 DISHWASHER SHALL BE FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR, PRE-WIRED TO INTEGRAL CONTROL PANEL READY FOR FINAL CONNECTION BY ELECTRICAL CONTRACTOR.
 UTILITY RACEWAY SHALL BE FURNISHED BY FOOD SERVICE EQUIPMENT CONTRACTOR. PREWIRED AND READY FOR FINAL CONNECTION BY ELECTRICAL CONTRACTOR. FOOD SERVICE EQUIPMENT CONTRACTOR TO FURNISH CORD AND PLUG SETS FOR INSTALLATION TO EQUIPMENT BY ELECTRICAL CONTRACTOR.



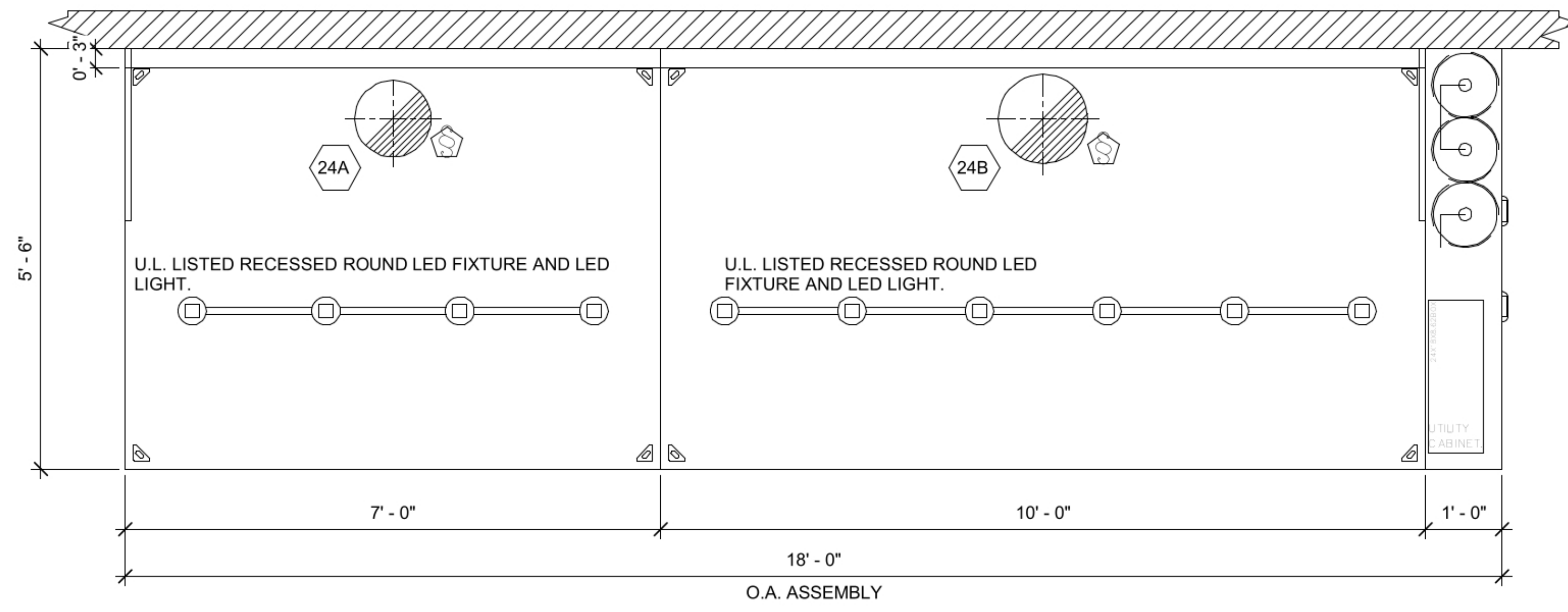
3 FLOOR-MOUNTED RECEPTACLE
 FS.03 NO SCALE



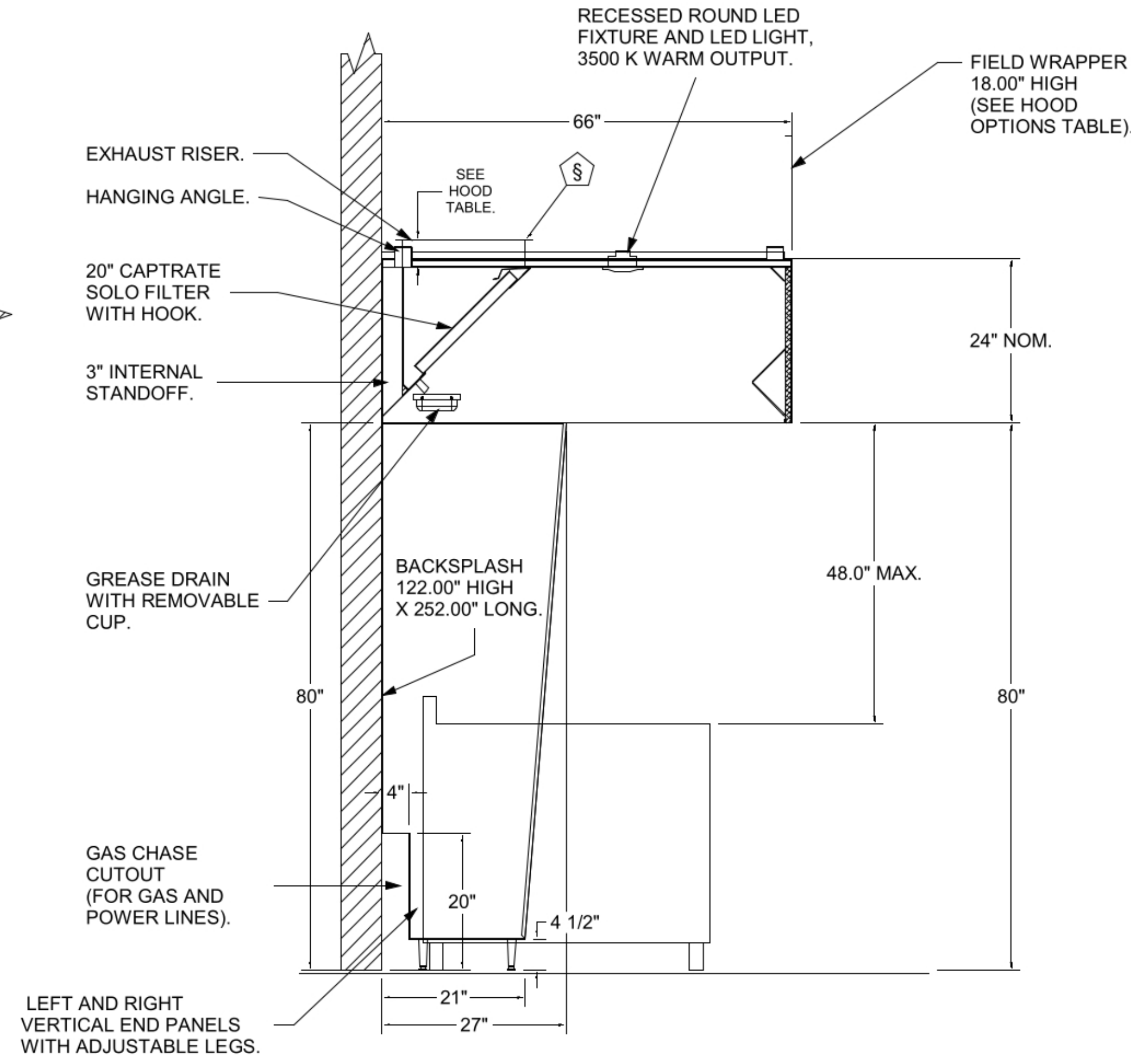
4 TYP. UNASSIGNED WALL OUTLET DETAIL
 FS.03 NO SCALE



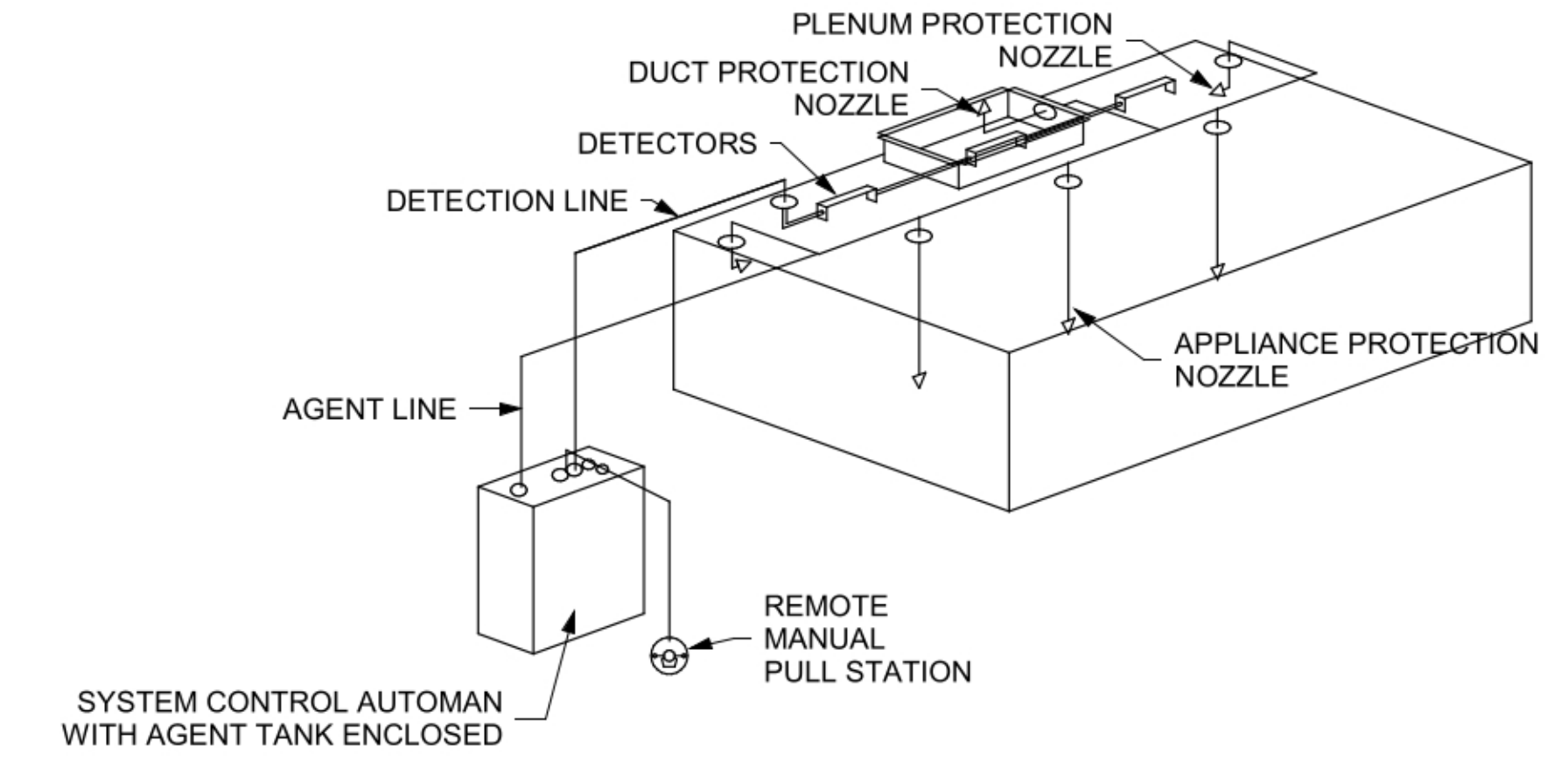
5 CEILING-MOUNTED RECEPTACLE
 FS.03 NO SCALE



1 EXHAUST HOOD PLAN, ITEM 24
 FS.04 3/4" = 1'-0"



2 EXHAUST HOOD SECTION, ITEM 24
 FS.04 3/4" = 1'-0"



3 HOOD FIRE SUPPRESSION DETAIL
 FS.04 NO SCALE

PROJECT NO.	DATE	REVISIONS
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GENERAL

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE NORTH CAROLINA BUILDING CODE (NCBC), 2018 EDITION, EFFECTIVE JANUARY 1, 2019.
2. THE STRUCTURAL DRAWINGS ARE INTENDED TO BE USED IN CONJUNCTION WITH THE ARCHITECTURAL DRAWINGS AND THE DRAWINGS OF THE OTHER ENGINEERING DISCIPLINES.
3. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL, IN THE CASE OF A CONFLICT, DISAGREEMENT OR AMBIGUITY, PROVIDE THE BETTER QUANTITY, IN THE CASE OF A CONFLICT, DISAGREEMENT, OR AMBIGUITY, PROVIDE THE GREATER QUANTITY OF WORK.
4. VERIFY AND COORDINATE MECHANICAL UNIT SUPPORTS AND OPENINGS WITH EQUIPMENT PURCHASED FOR THE PROJECT. COORDINATE REQUIREMENTS FOR SLEEVES, HANGERS, INSERTS, ANCHORS AND ALL OTHER ITEMS TO BE SET IN STRUCTURAL WORK.
5. CONTRACTOR SHALL CONDUCT PRE-INSTALL MEETINGS ON PROJECT SITE PRIOR TO COMMENCEMENT OF WORK. REFER TO PROJECT SPECIFICATIONS FOR SPECIFIC REQUIREMENTS. MEETINGS WILL BE LED BY GENERAL CONTRACTOR AND ATTENDANCE BY MOSELEY ARCHITECTS IS FOR INFORMATIONAL PURPOSES ONLY. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE ATTENDANCE OF ALL REQUIRED TRADES AND SUBCONTRACTORS INCLUDING THE SPECIAL INSPECTOR.

FOUNDATIONS

- 1. THE GEOTECHNICAL ENGINEER FOR THE OWNERS TESTING AGENCY SHALL VERIFY BEARING CAPACITY AND SUITABILITY OF SUBGRADE PRIOR TO PLACING GRADE SLABS.
2. SELECT AND PLACE CONTROLLED COMPACTED FILL UNDER DIRECT SUPERVISION OF THE GEOTECHNICAL ENGINEER FOR THE OWNER'S TESTING AGENCY.
3. FOOTING STEPS FOR UNDERSLAB UTILITIES INDICATED ON FOUNDATION PLANS SHALL BE CONSIDERED APPROXIMATE. COORDINATE FOOTINGS WITH ACTUAL LOCATION, SIZE AND INVERT OF ALL UNDERGROUND PIPE (AND CONDUIT). REFER TO 'FOOTING STEP' DETAIL TO STEP WALL FOOTING DOWN TO ALLOW UNDERSLAB PIPING TO PASS ABOVE THE FOOTING. ALTERNATELY, REFER TO 'FOOTING SLEEVE' AND 'PIPE TRENCH BACKFILL AT FOOTING' DETAILS TO ALLOW UNDERSLAB PIPING TO PASS BELOW THE TOP OF THE WALL FOOTING.
4. AVOID INFLUENCE OF PIPE TRENCH PARALLEL TO WALL FOOTING AND / OR ADJACENT TO COLUMN FOOTING. REFER TO 'FOOTING EXCAVATION LIMITS'.

CONCRETE

- 1. ALL CONCRETE WORK SHALL CONFORM TO THE REQUIREMENTS OF ACI 318 'BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE' AND ACI 301 'STANDARD SPECIFICATIONS FOR STRUCTURAL CONCRETE'.
2. CONCRETE SHALL BE NORMAL WEIGHT (OR LIGHTWEIGHT AS INDICATED) AND SHALL OBTAIN ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI (F'c).
3. REINFORCING STEEL SHALL BE AS FOLLOWS:
- REINFORCING BARS: ASTM A615, GRADE 60, DEFORMED
- WELDED WIRE FABRIC: ASTM A1064, SHEET TYPE ONLY
4. MINIMUM CONCRETE COVER OVER REINFORCING SHALL BE UNO:
A. UNFORMED SURFACE CAST AGAINST EARTH 3 IN
B. FORMED SURFACE EXPOSED TO EARTH/WEATHER 2 IN
C. FORMED SLABS AND WALLS NOT EXPOSED TO EARTH/WEATHER FOR #11 AND SMALLER BAR 3/4 IN
D. ALL OTHER FORMED ELEMENTS NOT EXPOSED TO EARTH/WEATHER 1 1/2 IN

CONCRETE MASONRY UNITS (CMU)

- 1. ALL MASONRY WORK SHALL CONFORM TO THE REQUIREMENTS OF TMS 402 'BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES WITH COMMENTARY' AND TMS 602 'SPECIFICATIONS FOR MASONRY STRUCTURES WITH COMMENTARY'.
2. NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY (F'm), SHALL BE 2000 PSI, DETERMINED IN ACCORDANCE WITH THE UNIT STRENGTH METHOD PER TMS 602, UNLESS NOTED OTHERWISE.
3. GROUT SHALL CONFORM TO ASTM C476 AND SHALL BE PROPORTIONED TO OBTAIN MINIMUM ULTIMATE 28 DAY COMPRESSIVE STRENGTH OF 2500 PSI.
4. PLACE GROUT IN ACCORDANCE WITH TMS 402. ALLOW A MINIMUM OF 4 HOURS FOR MASONRY TO SET PRIOR TO PLACING GROUT.
5. FILL COLLAR JOINTS OF COMPOSITE WALLS SOLID WITH MORTAR AS THE WALLS PROGRESS. BOND WYTHES OF COMPOSITE WALLS TOGETHER USING HORIZONTAL JOINT REINFORCING @ 16" ON CENTER, UNLESS NOTED OTHERWISE.
6. PROVIDE VERTICAL REINFORCING @ SIZE AND SPACING INDICATED. LAP SPLICE LENGTHS SHALL BE AS FOLLOWS:
#4 BAR AND SMALLER 26 INCHES
#5 BAR 34 INCHES
#6 BAR 38 INCHES
#7 BAR 45 INCHES
7. PROVIDE POSITIONERS TO HOLD VERTICAL WALL REINFORCING STEEL IN PROPER ALIGNMENT.
8. REINFORCING STEEL SHALL COMPLY WITH ASTM A615, GRADE 60.
9. DO NOT PLACE CONDUIT IN CELLS CONTAINING STRUCTURAL REINFORCING.
10. AVOID PLACING CONDUIT IN CELLS CONTAINING STRUCTURAL REINFORCING, WHERE POSSIBLE.
11. NO SWITCHES OR BOXES WITHIN 20 INCHES OF A DOOR JAMB.
12. MASONRY WALLS OF HOLLOW UNITS WHICH CHANGE THICKNESS SHALL HAVE A CONTINUOUS GROUT FILLED COURSE BELOW THE TRANSITION. IF WALL THICKNESS IS GREATER ABOVE THE TRANSITION, THE COURSE ABOVE THE TRANSITION SHALL ALSO BE GROUTED SOLID.
13. FILL CMU CELLS WITH GROUT FROM TOP OF FOOTING TO TOP OF SLAB-ON-GRADE ELEVATION.
14. MASONRY WALL CONTROL JOINTS ARE NOT INDICATED ON THE STRUCTURAL DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR JOINT LOCATIONS AND DETAILS. COORDINATE JOINT LOCATIONS TO AVOID BEAM BEARING LOCATIONS. DO NOT BREAK BOND BEAM REINFORCEMENT AT CONTROL JOINTS.

TEMPORARY SHORING

- 1. PROVIDE TEMPORARY SHORING AND BRACING TO MAINTAIN THE EXISTING STRUCTURE IN PROPER ALIGNMENT UNTIL PERMANENT CONSTRUCTION AND LATERAL BRACING IS IN PLACE.
2. THE TEMPORARY SHORING DIAGRAMS ARE CONCEPTUAL ONLY. DESIGN OF TEMPORARY SHORING SHALL BE PROVIDED BY THE CONTRACTOR. DESIGN CALCULATIONS AND SHORING DRAWINGS SHALL BE SUBMITTED FOR REVIEW AND SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF NORTH CAROLINA.
3. CAREFULLY EVALUATE THE SITUATION WHICH EXISTS PRIOR TO COMMENCEMENT OF WORK. NOTIFY THE ARCHITECT IF ANY CONDITIONS ARE DETECTED WHICH MAY AFFECT THE STABILITY OF THE EXISTING STRUCTURE OR THE SHORING.
4. MONITOR THE PERFORMANCE OF THE TEMPORARY SHORING AT ALL TIMES DURING THIS WORK AND HAVE ADDITIONAL SHORING READILY AVAILABLE ON SITE IN THE EVENT OF DEFLECTION OR OTHER MOVEMENT OF THE SHORING.

STRUCTURAL STEEL

- 1. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE FOLLOWING AISC DOCUMENTS:
AISC 360 'SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS'
AISC 303 'CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES'
RCSC'S 'SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH STRENGTH BOLTS'
2. STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING SPECIFICATIONS:
WIDE FLANGE SHAPES, CHANNELS AND MISC CHANNELS ASTM A992 (FY=50 KSI)
ANGLES, S-SHAPES AND M-SHAPES ASTM A572 (FY=50 KSI)
PLATES & BARS (1/4" THICK) ASTM A572 (FY=50 KSI)
PLATES & BARS (OVER 1/4" THICK) ASTM A36 (FY=32 KSI)
HIGH STRENGTH BOLTS (CONVENTIONAL) ASTM F3125, GRADE A325 OR A490 (TYPE 1)
WASHERS ASTM F436 (FLAT AND BEVELED)
ANCHOR RODS ASTM F1554, GRADE 55 INCLUDE SUPPLEMENT S1
WELDING ELECTRODES E70 (LOW HYDROGEN)

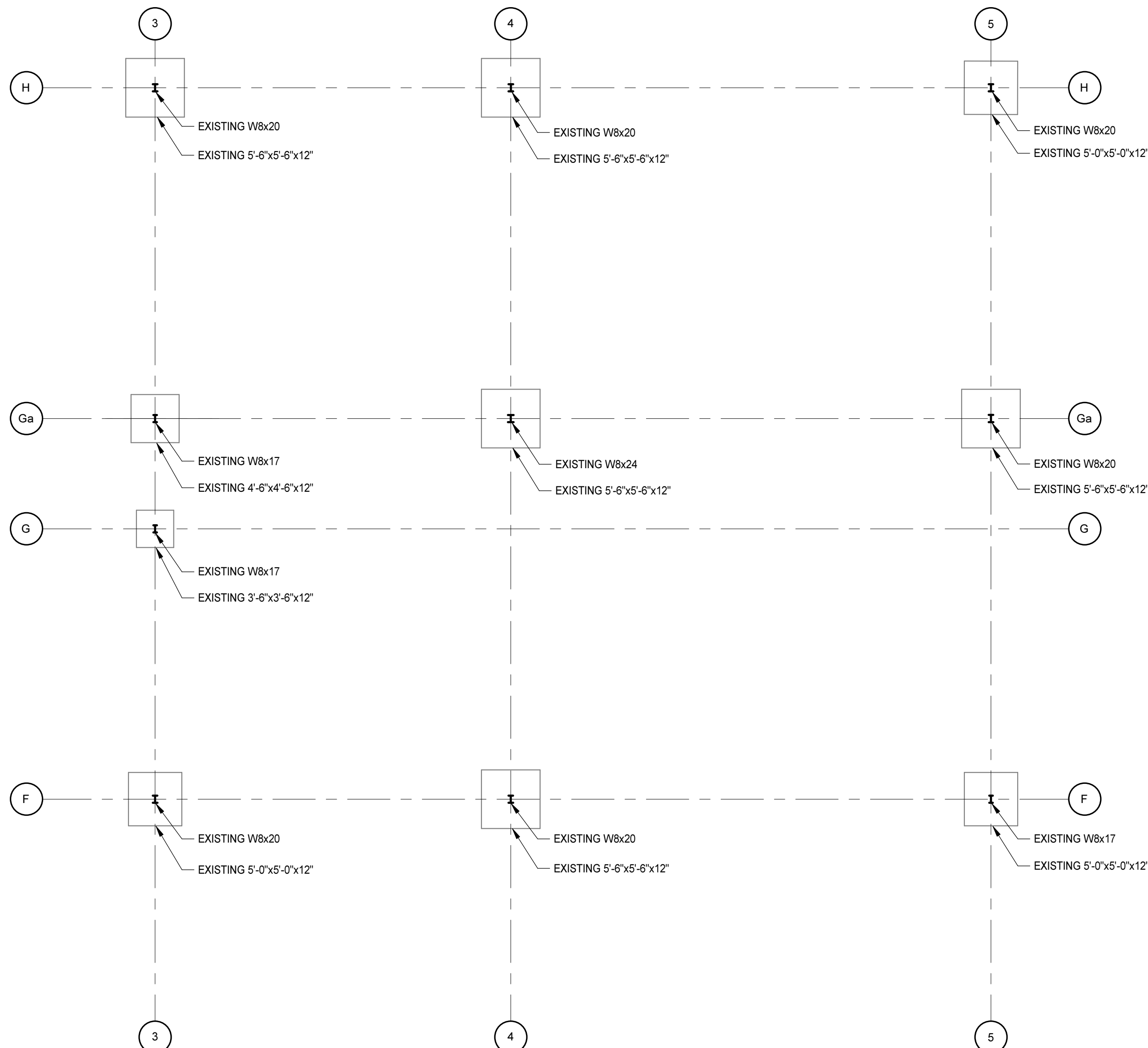
RENOVATION

- 1. EXISTING CONSTRUCTION INDICATED ON THE STRUCTURAL DRAWINGS IS BASED ON INFORMATION OBTAINED FROM THE ORIGINAL DESIGN DRAWINGS AND ON LIMITED OBSERVATIONS OF EXISTING CONDITIONS. THIS INFORMATION, INCLUDING STRUCTURAL COMPONENT TYPE, SIZE AND ORIENTATION HAS NOT BEEN CONFIRMED IN ALL CASES, AND MAY NOT MATCH 'AS-BUILT' EXISTING CONSTRUCTION. ALL EXISTING CONDITIONS AND DIMENSIONS RELATING TO THE NEW WORK SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO FABRICATION AND CONSTRUCTION OF STRUCTURAL ELEMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
2. EXISTING CONSTRUCTION IS INDICATED USING A LIGHTER LINE WEIGHT THAN NEW CONSTRUCTION IN PLANS AND SECTIONS.

LINTEL NOTES

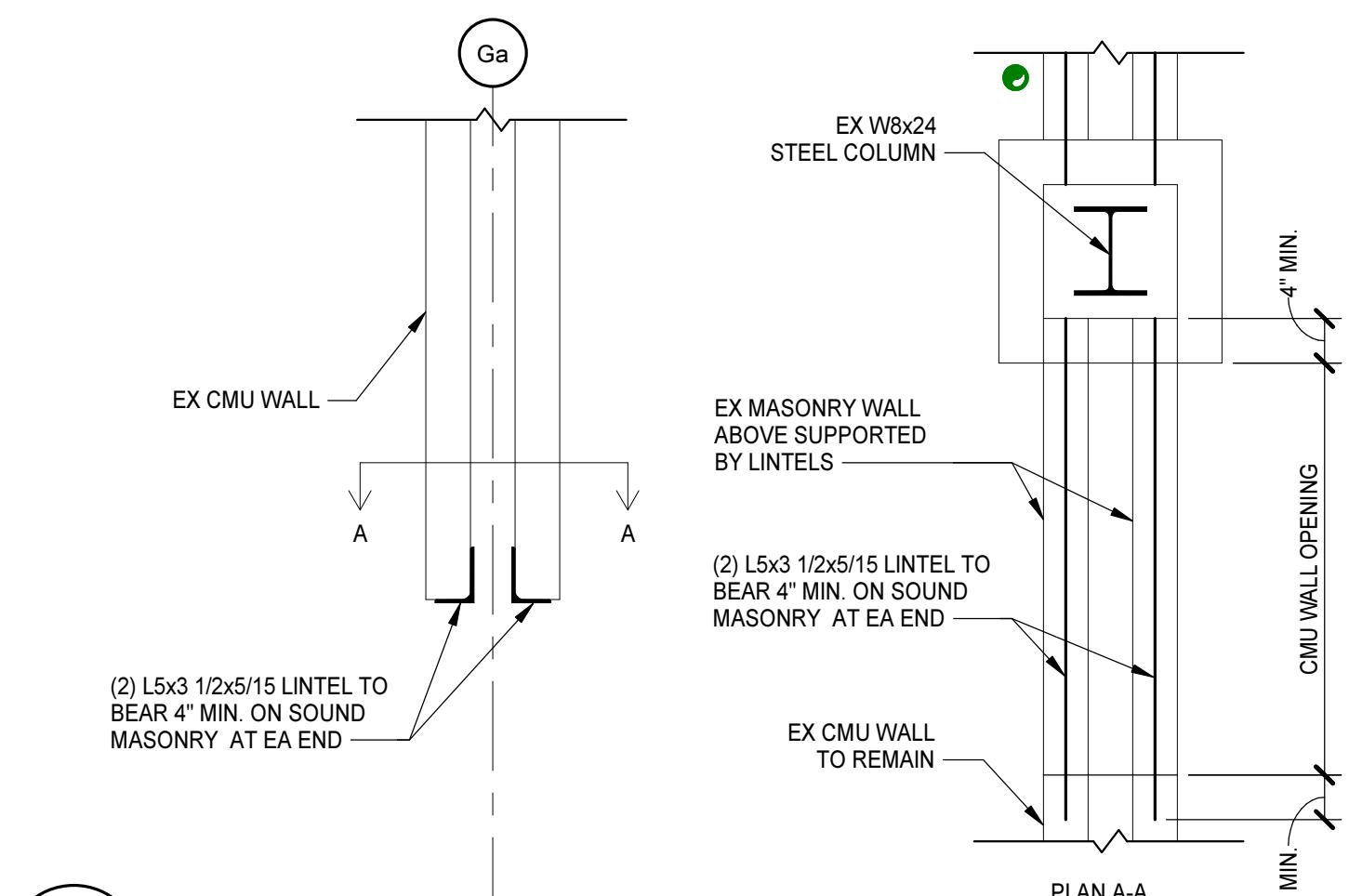
- 1. LINTELS FOR ARCHITECTURAL OPENINGS (WINDOWS, DOORS, LOUVERS) IN BEARING WALLS AND EXTERIOR WALLS ARE IDENTIFIED BY MARK NUMBER ON THE FRAMING PLANS(S) AND INCLUDED IN THE LINTEL SCHEDULE.
2. LINTELS FOR ARCHITECTURAL OPENINGS IN NON-LOAD BEARING WALLS AND OTHER WALLS WHICH ARE NOT INDICATED ON THE FRAMING PLANS(S) SHALL BE CONSTRUCTED PER NOTES BELOW.

Table with columns: MASONRY OPENING, ANGLE SIZE, and PROVIDE ONE ANGLE FOR EACH NOMINAL 4" OF WALL THICKNESS PER THE FOLLOWING SCHEDULE. Includes notes on horizontal legs and steel angle lintels.

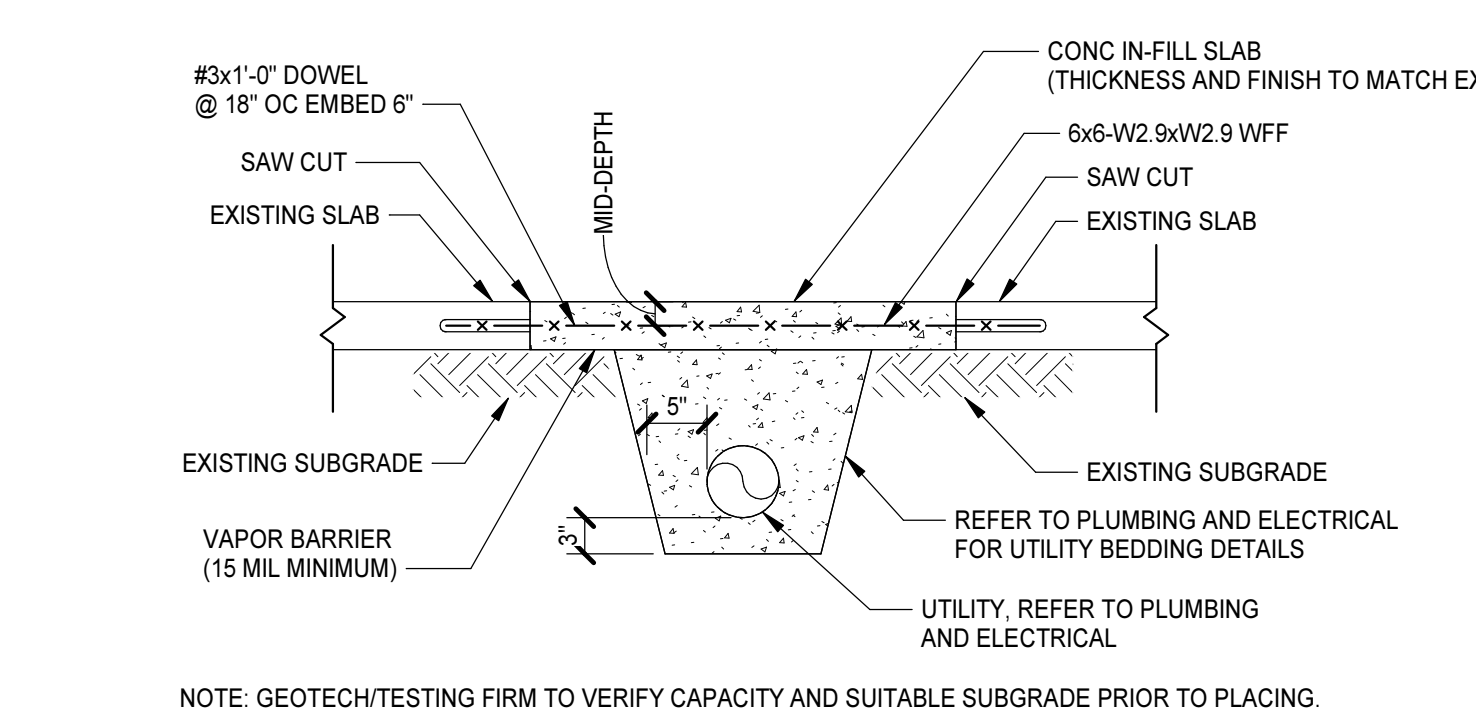


PARTIAL EXISTING FOUNDATION PLAN 1/8" = 1'-0"

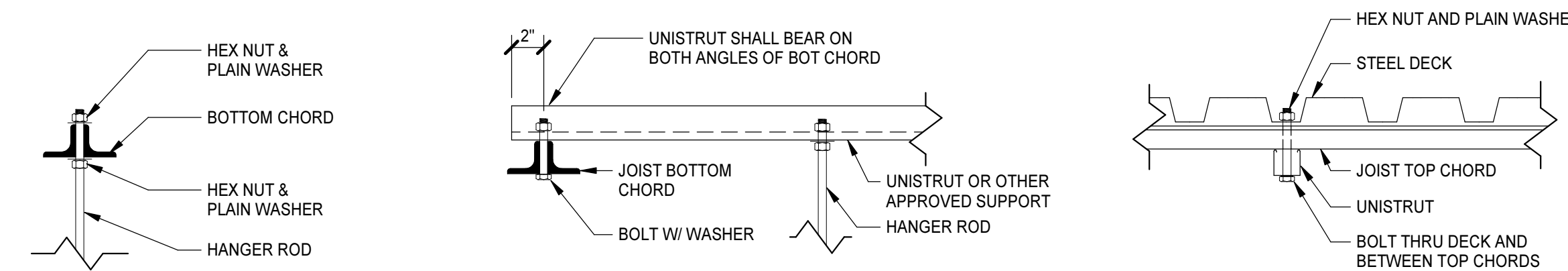
- EXISTING FOUNDATION PLAN NOTES:
1. FOR NEW PIPES TO BE INSTALLED BELOW EXISTING SLAB, SEE EXISTING SLAB ON GRADE REPLACEMENT DETAIL AT UTILITIES DETAIL.



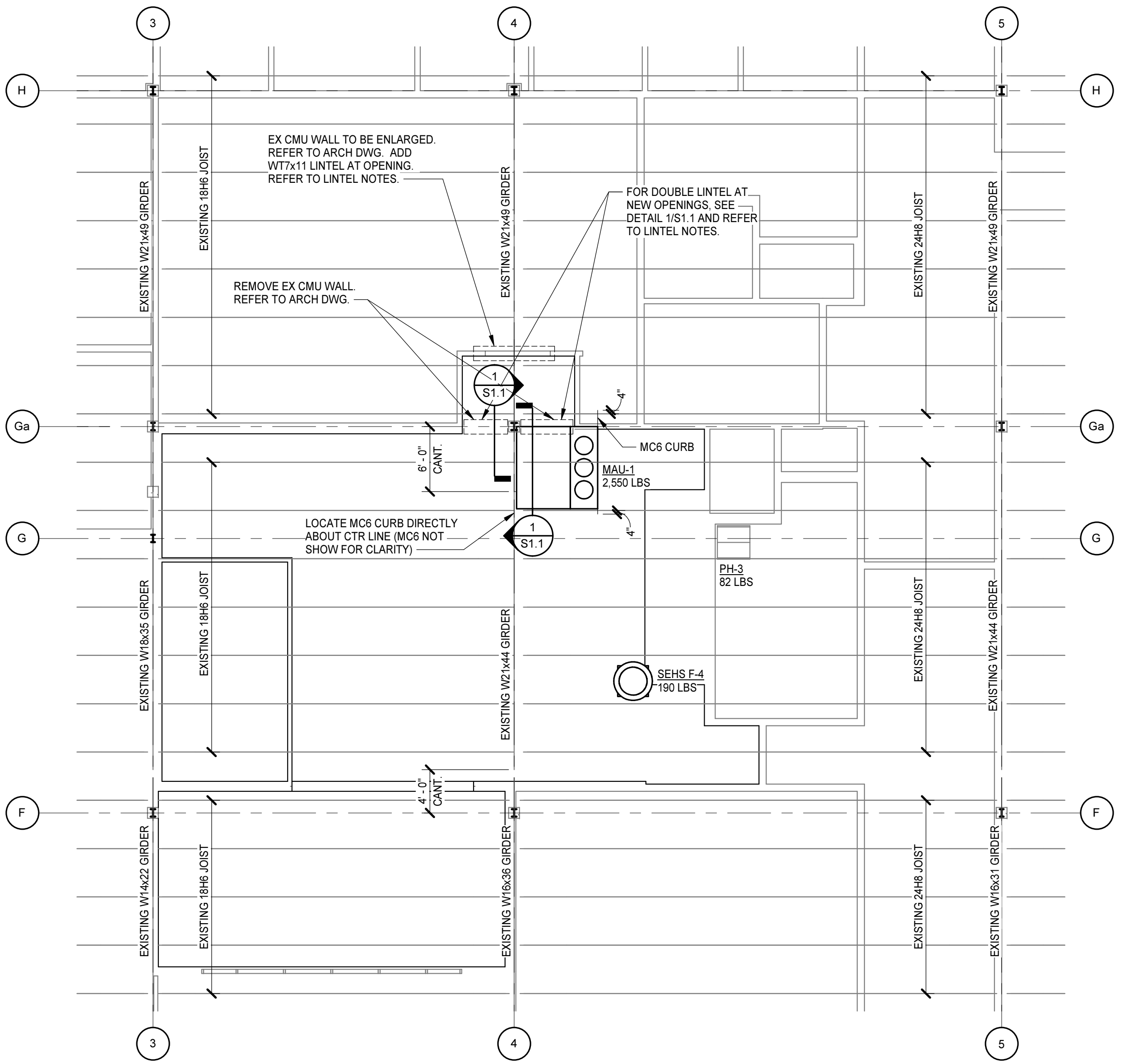
DETAIL 1 3/4" = 1'-0"



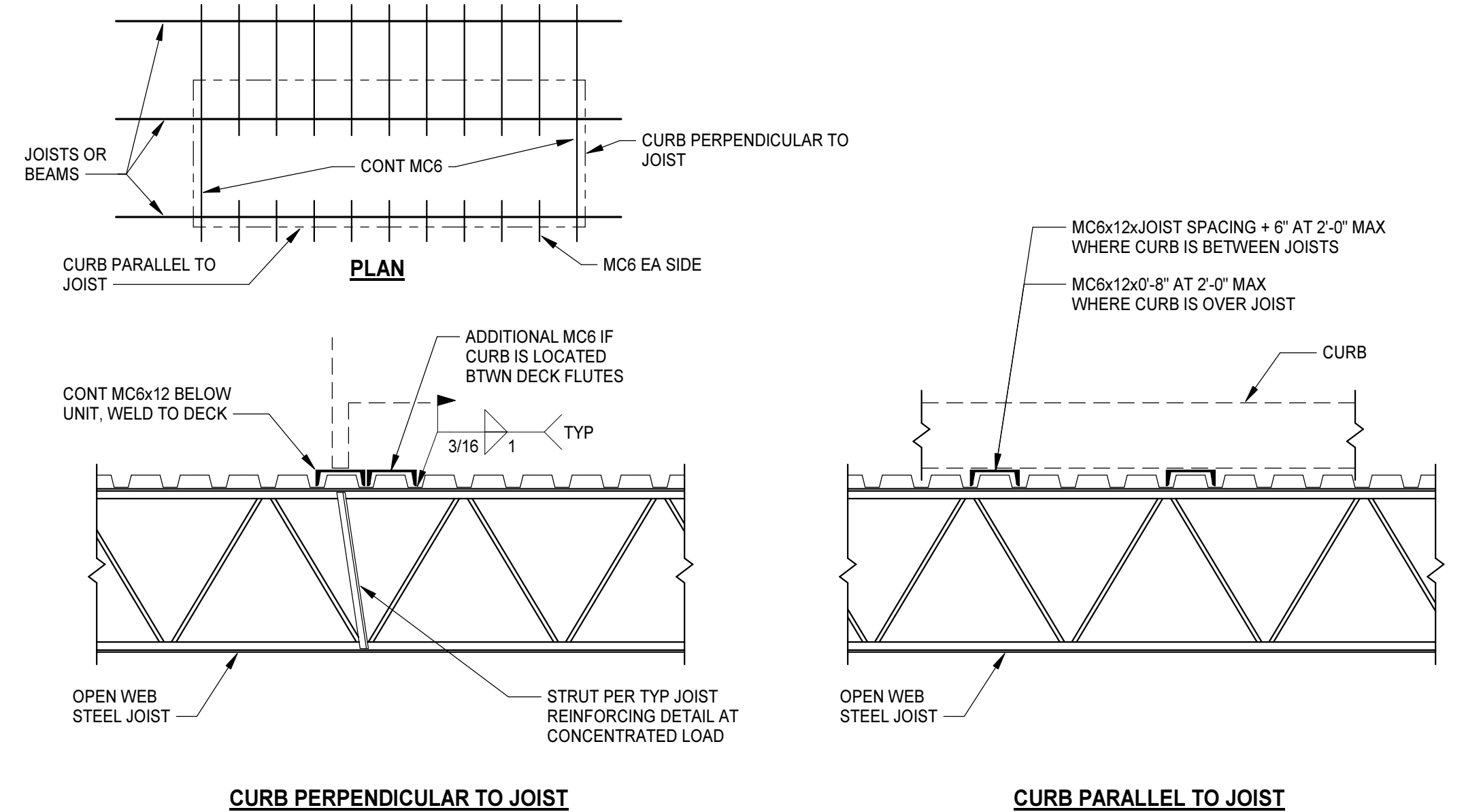
EXISTING SLAB ON GRADE REPLACEMENT DETAIL AT UTILITIES



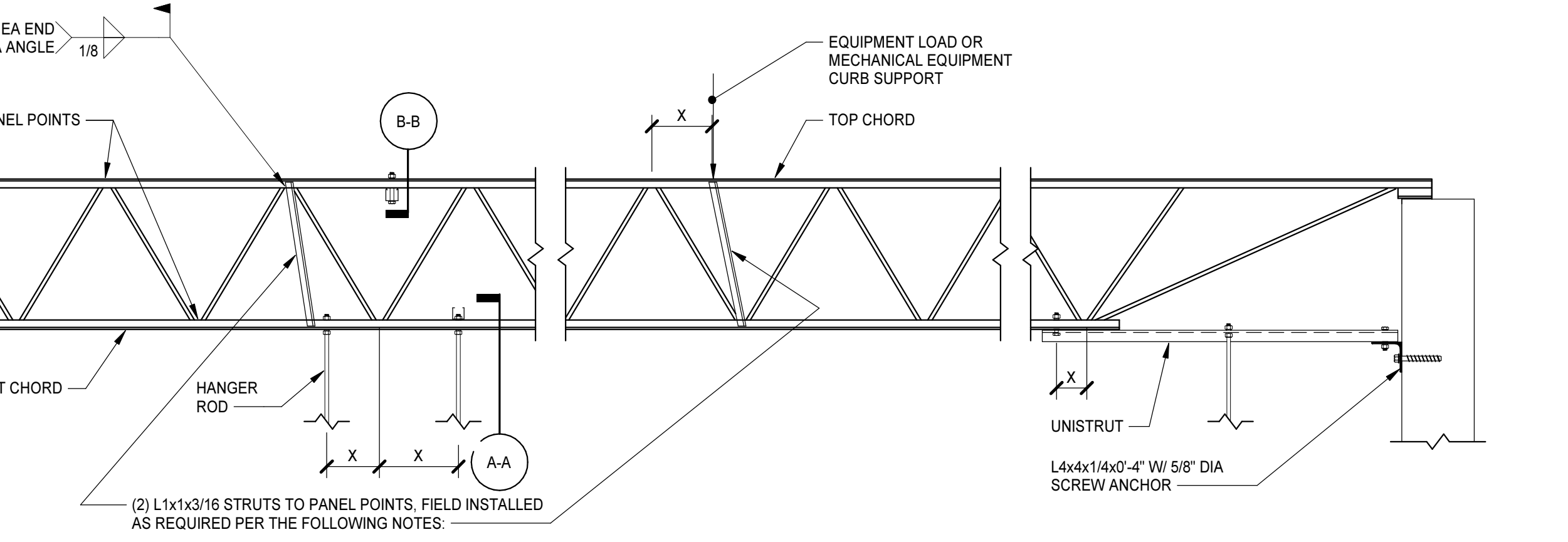
TYPICAL CONCENTRATED LOAD ON STEEL JOIST



PARTIAL EXISTING ROOF PLAN FRAMING 1/8" = 1'-0"



RTU CURB SUPPORT DETAILS



- EX JOISTS:
1. WHERE UTILITIES RUN PARALLEL TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD (IF DIRECTLY BELOW JOIST), OR UNISTRUT REACTION (IF PIPE IS BETWEEN JOISTS) DOES NOT EXCEED 200 LBS.
2. WHERE UTILITIES RUN PERPENDICULAR TO JOISTS, INDIVIDUAL HANGERS SHALL BE SPACED SUCH THAT HANGER LOAD DOES NOT EXCEED 200 LBS.
3. IF INDIVIDUAL HANGER LOAD EXCEEDS 200 LBS ON ANY JOIST, AND DIMENSION 'X' EXCEEDS 6', STRUTS SHALL BE INSTALLED AS INDICATED ABOVE.
4. WHERE MULTIPLE HANGERS ARE LOCATED BETWEEN PANEL POINTS, THE CUMULATIVE LOAD SHALL NOT EXCEED 200 LBS.
GENERAL:
1. C-CLAMPS SHALL NOT BE USED WHERE HANGER LOAD EXCEEDS 50 LBS.

TYPICAL LOAD SUPPORTED FROM JOIST DETAIL

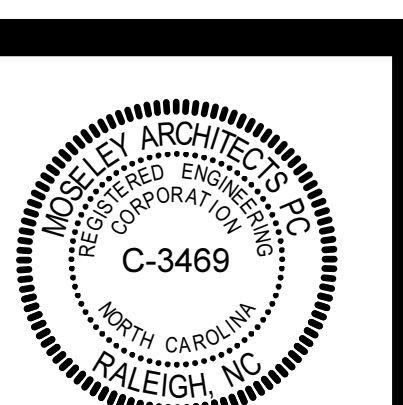
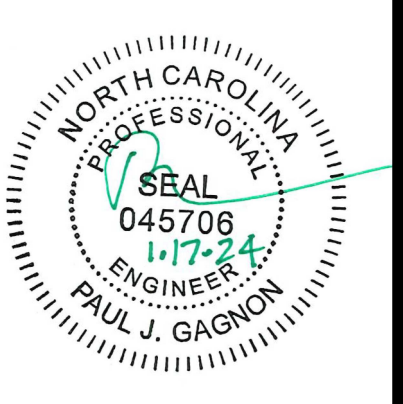
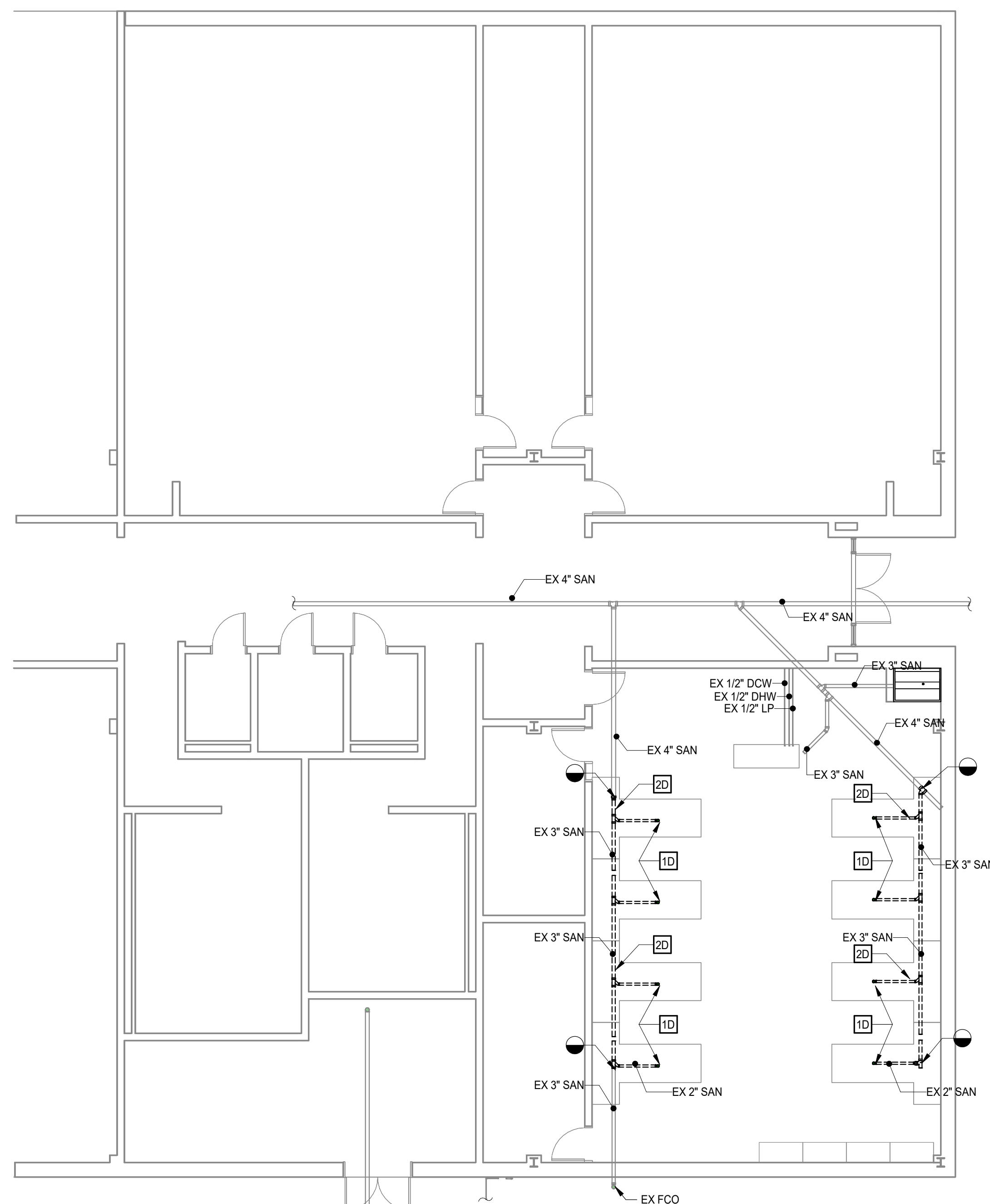


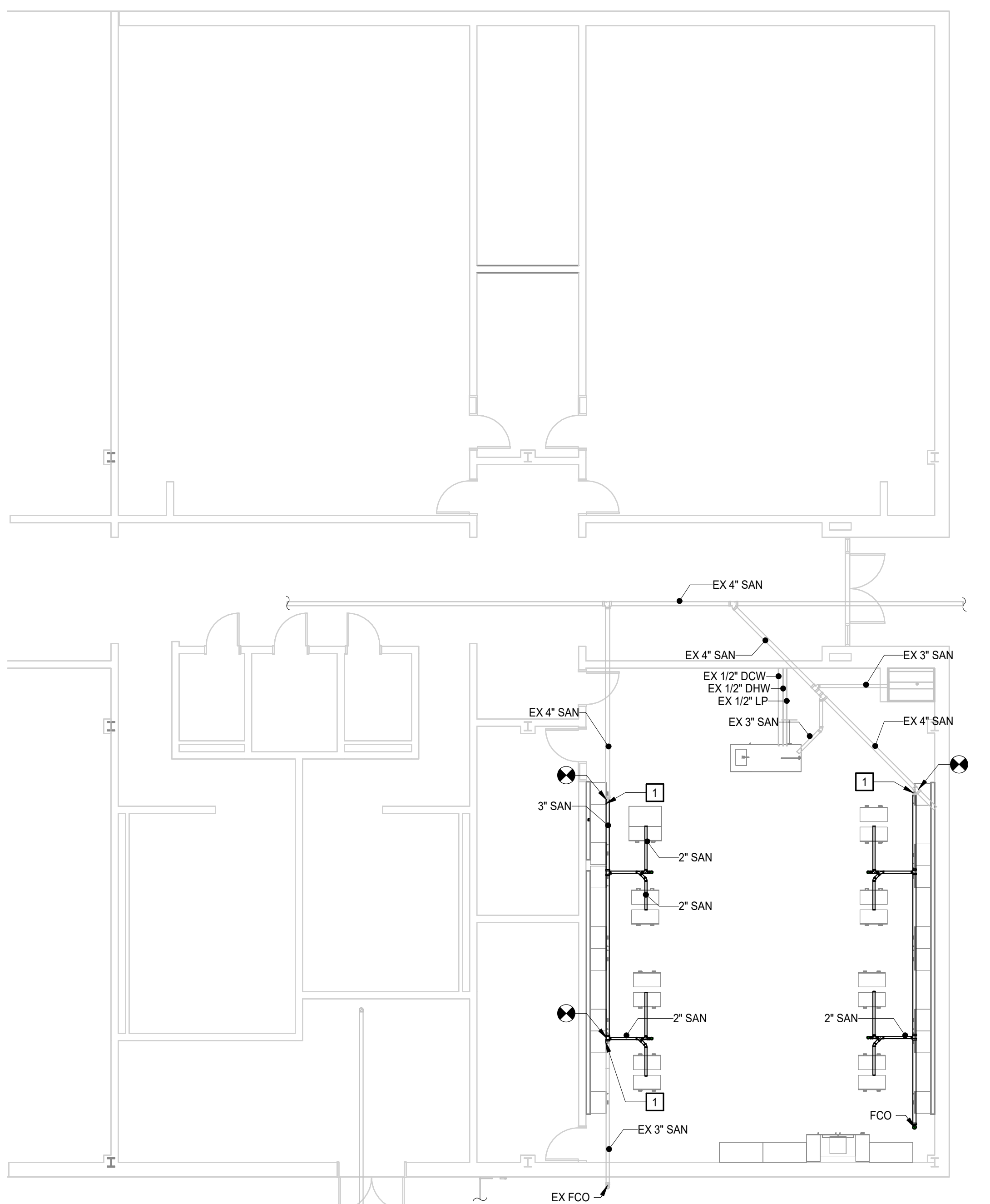
Table with columns: PROJECT NO., DATE, REVISIONS, and DESCRIPTION. Project No. 630516, Date January 17, 2023.

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J
H
G
F
E
D
C
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A



NORTHWEST HS - PLUMBING CHEM LAB FOUNDATION DEMO PLAN
 1/8" = 1'-0"



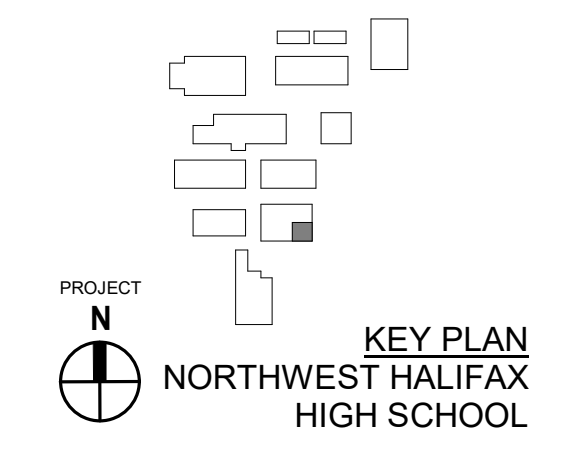
NORTHWEST HS - PLUMBING CHEM LAB FOUNDATION PROPOSED PLAN
 1/8" = 1'-0"

DEMOLITION KEYNOTES
 APPLIES TO THIS DRAWING - DEMO WORK
 REPRESENTED BY [Symbol]

1. REMOVE EXISTING DRAINAGE PIPING FROM LAB SINKS. REMOVE UNDERSLAB DRAINAGE PIPING AND LEAVE EXTENDED. EXISTING BUILDING DRAIN CAPPED FOR NEW CONSTRUCTION.
 2. REMOVE EXISTING AST-IRON PIPING WHERE DETERIORATED PAST USEFUL LIFE. FIELD VERIFY EXISTING CONDITION OF DRAINAGE PIPING.

KEYNOTES
 APPLIES TO THIS DRAWING
 REPRESENTED BY [Symbol]

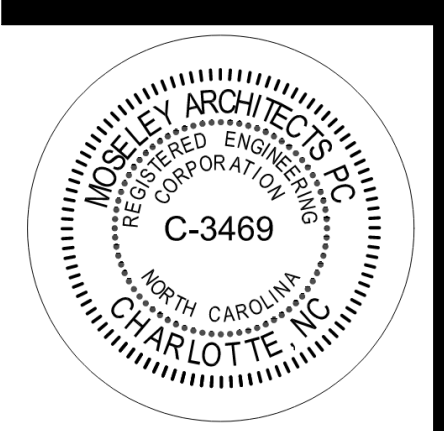
1. PROVIDE NEW PVC DRAINAGE PIPING. CONNECT TO EXISTING CAST IRON DRAIN.



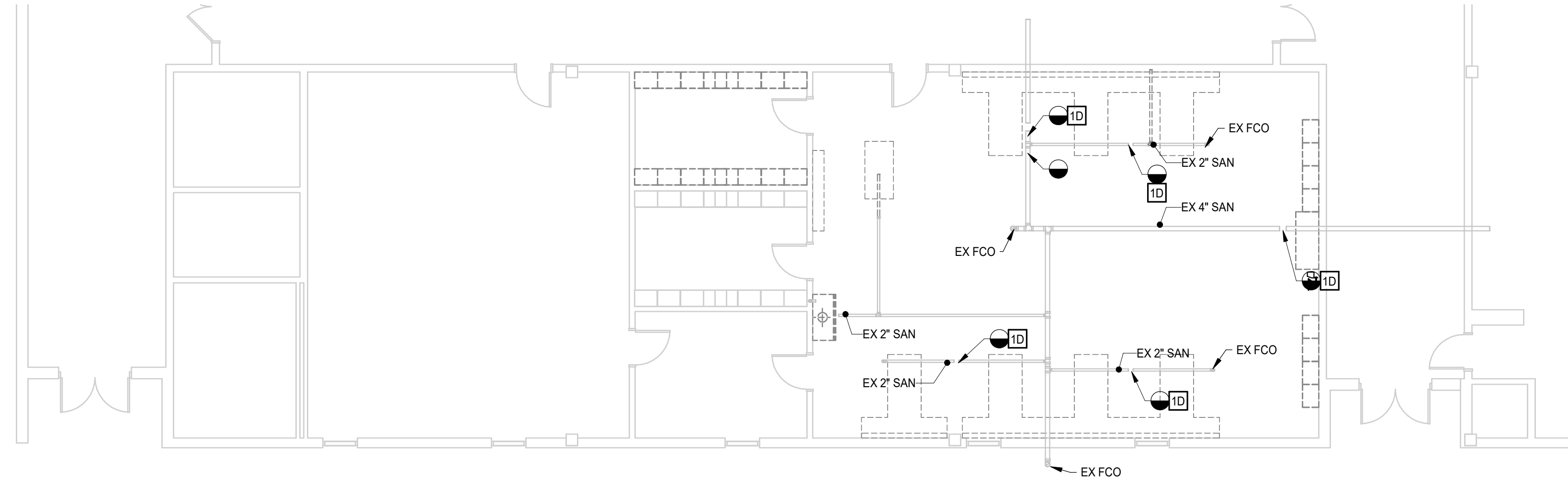
PROJECT NO:	630516
DATE:	JANUARY 17, 2024
REVISIONS	
DATE	DESCRIPTION

PLUMBING
 FOUNDATION
 PLUMBING PLAN -
 NWS
P1.1

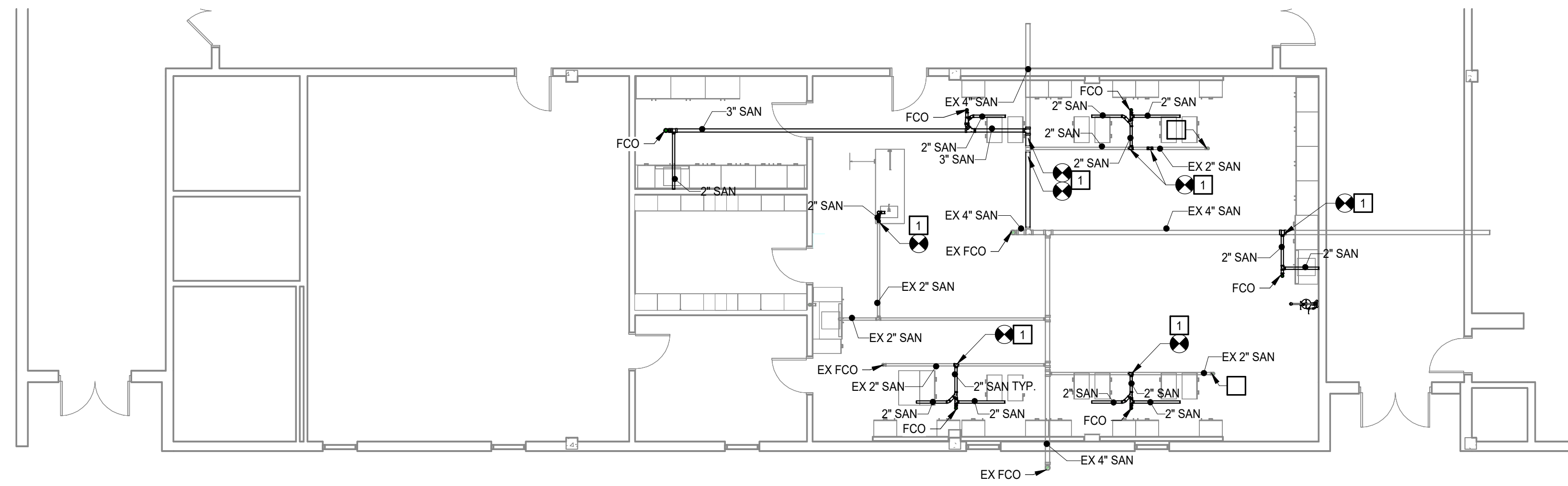
MOSELEYARCHITECTS
 911 N. WEST STREET, SUITE 205 RALEIGH, NORTH CAROLINA, 27603
 PHONE (919) 840-0091
 MOSELEYARCHITECTS.COM



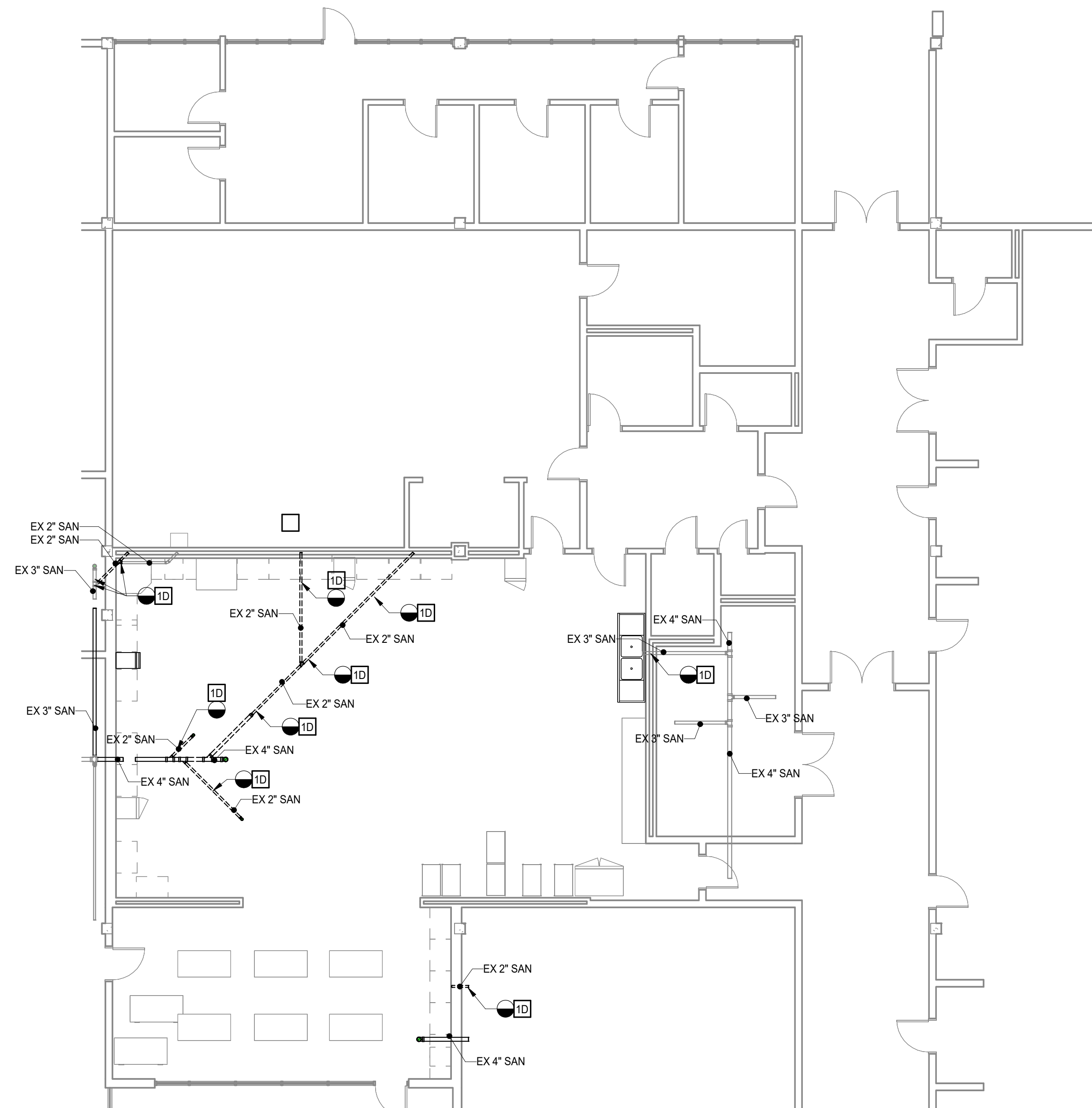
HALIFAX CO MULTIPLE RENOVATIONS
 HALIFAX COUNTY SCHOOLS
 16683 NC-125, HALIFAX, NC 27839
 8492 NC-48, LITTLETON, NC 27850



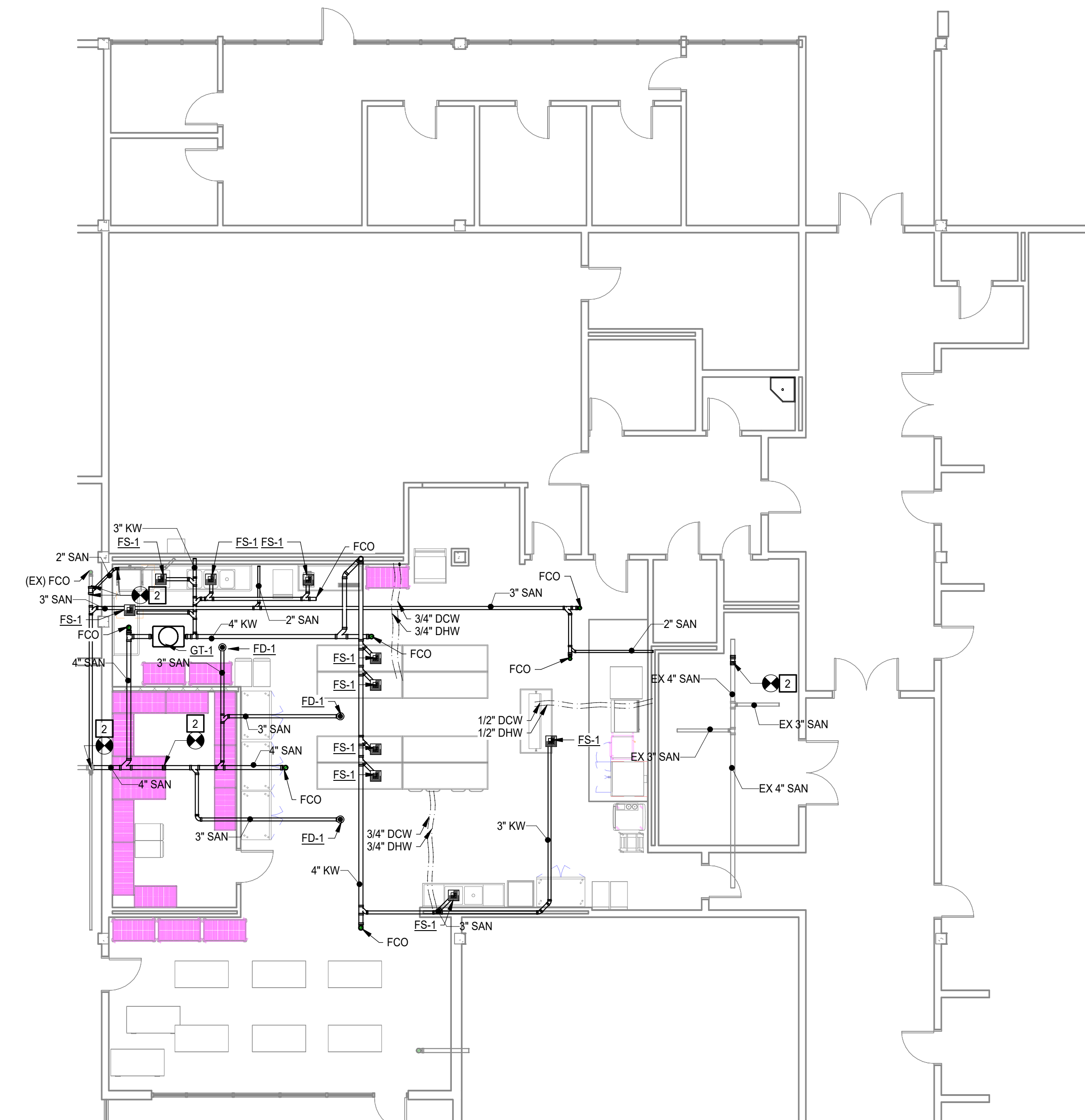
SOUTHEAST HS - PLUMBING CHEM LAB FOUNDATION DEMO PLAN
1/8" = 1'-0"



SOUTHEAST HS - PLUMBING CHEM LAB FOUNDATION PROPOSED PLAN
1/8" = 1'-0"



SOUTHEAST HS - PLUMBING CULINARY LAB FOUNDATION DEMO PLAN
1/8" = 1'-0"



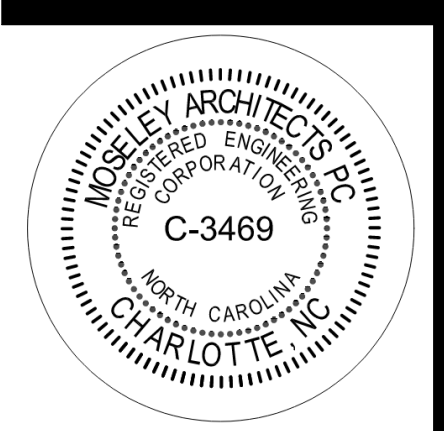
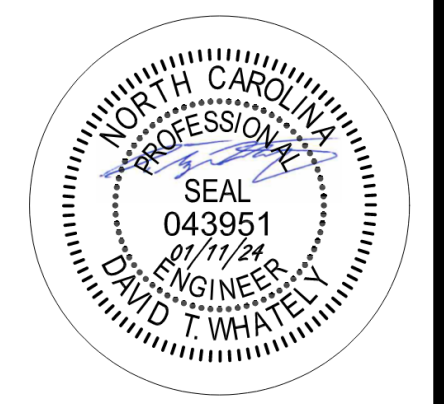
SOUTHEAST HS - PLUMBING CULINARY LAB FOUNDATION PROPOSED PLAN
1/8" = 1'-0"

DEMOLITION KEYNOTES
APPLIES TO THIS DRAWING - DEMO WORK
REPRESENTED BY [N]

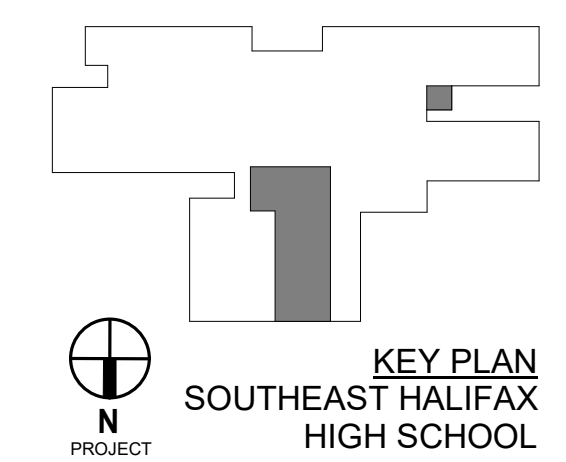
1. REMOVE EXISTING DRAINAGE PIPING FROM LAB SINKS. REMOVE UNDERSLAB DRAINAGE PIPING AND LEAVE EXTENDED. EXISTING BUILDING DRAIN CAPPED FOR NEW CONSTRUCTION.
2. REMOVE EXISTING AST-IRON PIPING WHERE DETERIORATED PAST USEFUL LIFE. FIELD VERIFY EXISTING CONDITION OF DRAINAGE PIPING.

KEYNOTES
APPLIES TO THIS DRAWING
REPRESENTED BY [N]

1. PROVIDE NEW PVC DRAINAGE PIPING. CONNECT TO EXISTING CAST IRON DRAIN.
2. PROVIDE NEW CAST IRON DRAINAGE PIPING. CONNECT TO EXISTING CAST IRON DRAIN.



DATE	REVISIONS	DESCRIPTION

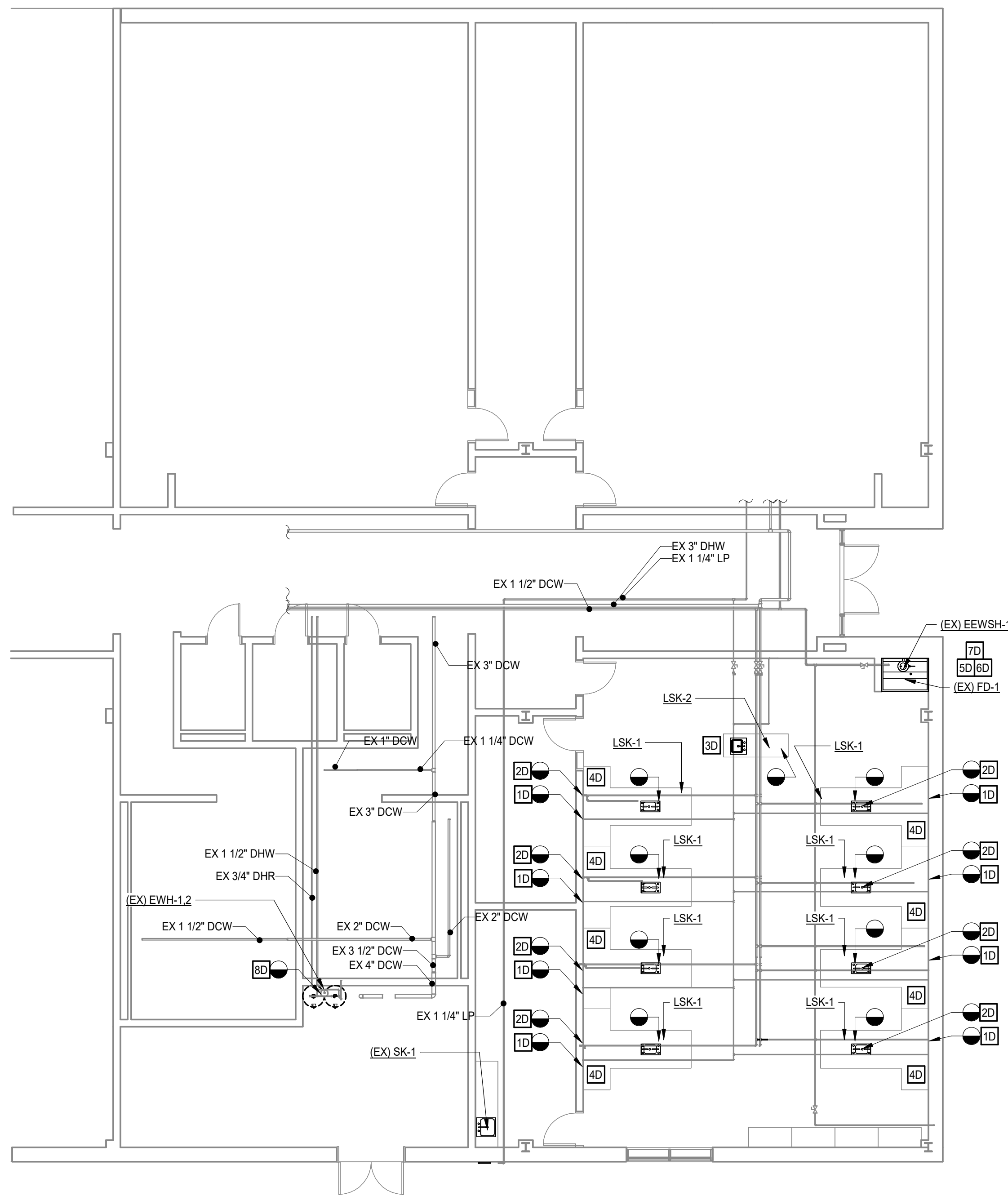


PLUMBING
FOUNDATION
PLUMBING PLAN - SEHS

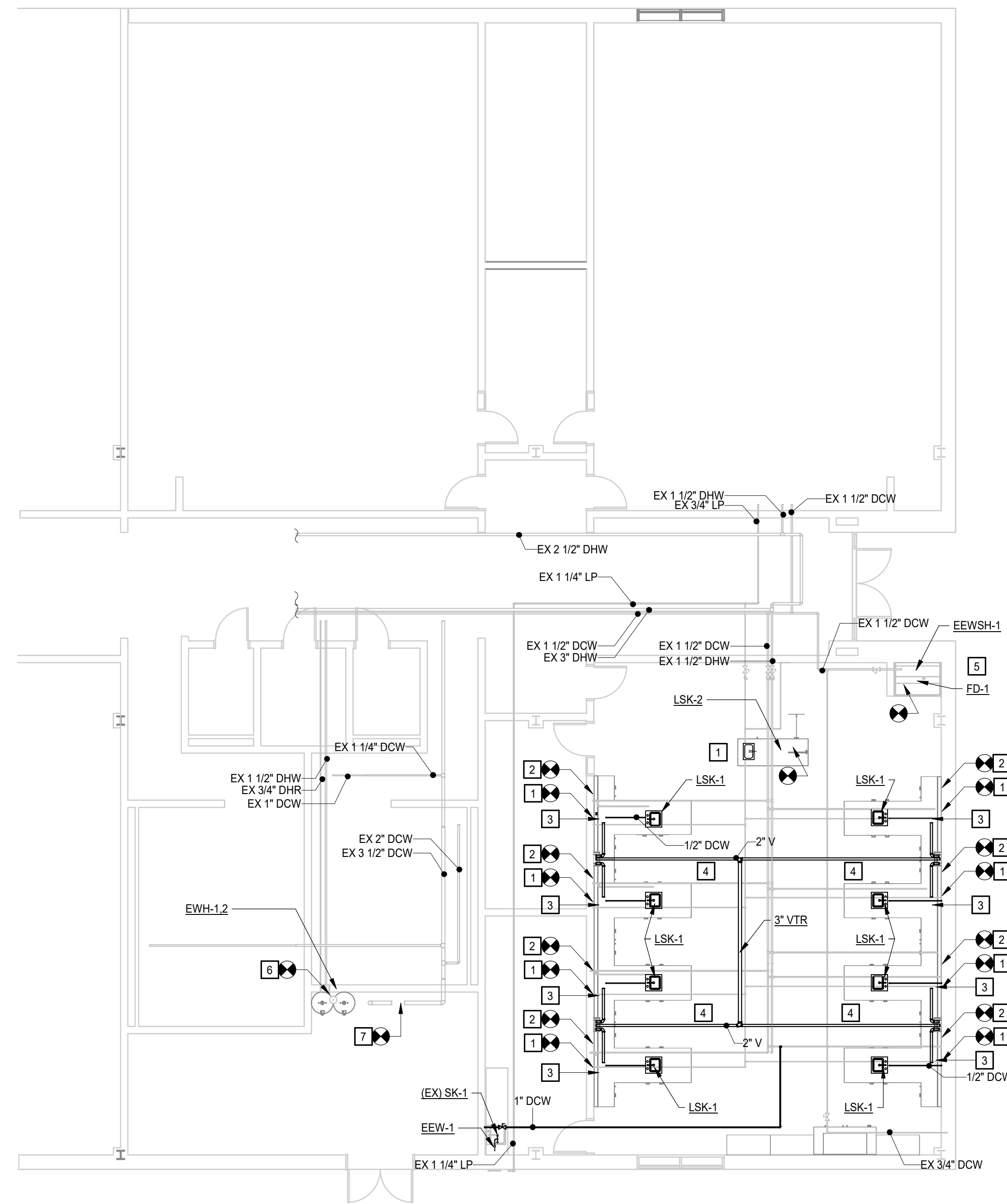
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EXISTING ELECTRIC WATER HEATERS



NORTHWEST HS - PLUMBING FLOOR PLAN -DEMO
1/8" = 1'-0"



NORTHWEST HS - PLUMBING FLOOR PLAN
1/8" = 1'-0"

DEMOLITION KEYNOTES

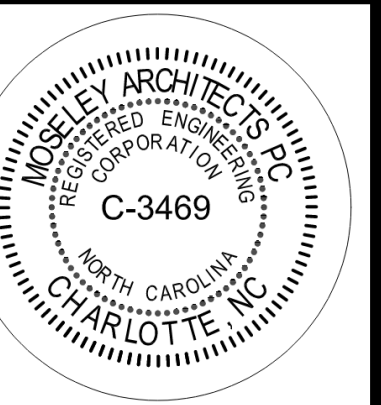
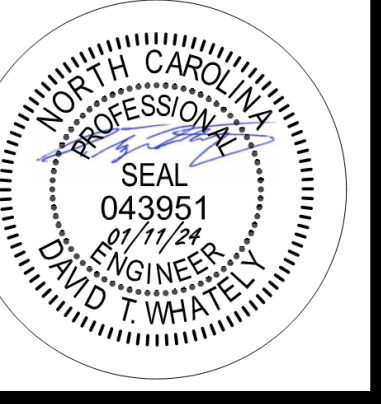
APPLIES TO THIS DRAWING - DEMO WORK
REPRESENTED BY [n]

- 1D. REMOVE EXISTING DRAINAGE PIPING FROM LAB SINKS. REMOVE UNDERLAB DRAINAGE PIPING AND LEAVE EXTENDED. EXISTING BUILDING DRAIN CAPPED FOR CONSTRUCTION.
- 2D. REMOVE EXISTING DOMESTIC WATER SUPPLY PIPING & GAS SUPPLY PIPING TO LAB SINK STUDENT STATIONS. CUT PIPING BACK TO WALL UP TO DISTRIBUTION & CAP AT CEILING FOR CONSTRUCTION. LEAVE GAS CAPPED IN CASEWORK. NEAR WALL WITH BALL VALVE.
- 3D. REMOVE EXISTING ABOVEGROUND DOMESTIC WATER SUPPLY & GAS SUPPLY PIPING WITHIN INSTRUCTORS DESK. CAP FOR CONSTRUCTION. LEAVE GAS CAPPED IN CASEWORK. STUB UP AND PROVIDE BALL VALVE.
- 4D. REMOVE ANY VENTING ASSOCIATED WITH EXISTING LAB SINKS AND PROVIDE VENT CAP AT EXISTING VENT HEADERS WHERE NECESSARY.
- 5D. REMOVE EXISTING EMERGENCY EYEWASH & RETURN TO CAMPUS. CUT BACK WATER SUPPLY PIPING WHERE CORRODED & REMOVE DEFICIENT PIPE. CAP FOR CONSTRUCTION.
- 6D. REMOVE EXISTING DRENCHING SHOWERHEAD & RETURN TO CAMPUS. CUT BACK WATER SUPPLY PIPING WHERE CORRODED & REMOVE DEFICIENT PIPE. CAP FOR CONSTRUCTION.
- 7D. REMOVE EXISTING FLOOR DRAIN & STANER. CAP DRAINAGE PIPING FOR CONSTRUCTION. IF FLOOR DRAIN TRAP IS NOT VENTED, PROVIDE INDIVIDUAL VENT & STACK DRAIN. FIELD VERIFY EXISTING CONDITIONS ONCE DEMO/PHASE HAS BEGUN.
- 8D. REMOVE EXISTING TANK TYPE WATER HEATERS & ASSOCIATED PIPING.

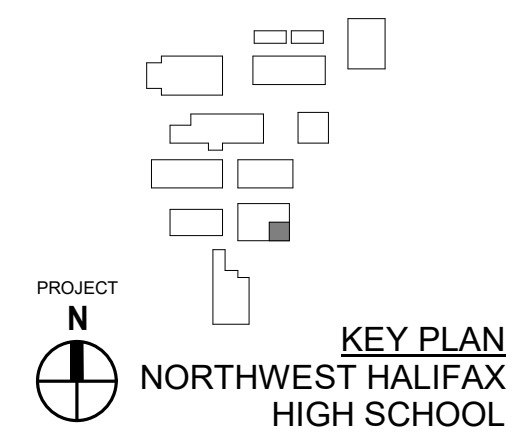
KEYNOTES

APPLIES TO THIS DRAWING
REPRESENTED BY [n]

1. PROVIDE POLYPROPYLENE ACID-RESISTANT DRAINAGE PIPING & FUSION-WELDED FITTINGS FOR STUDENT STATION & INSTRUCTOR LAB SINKS.
 - A. STUDENT STATION SINKS SHALL BE INSTALLED WITH POLYPROPYLENE ACID-RESISTANT DRAIN TRAPS & Limestone MEDIUM.
 - B. INSTRUCTOR STATION SINKS SHALL BE INSTALLED WITH IN-CABINET PH-NEUTRALIZATION & MONITORING SYSTEM. PROVIDE PH-ANTONOR & HIGH-LEVEL ALARM WITH 20 GALLON DILUTION BASIN & SAMPLING PORT. PROVIDE CHEMICAL-RESISTANT AIR RESISTANCE VALVE WITHIN CASEWORK.
2. PROVIDE COPPER PIPING (SEE P-10 SHEET FOR TYPE) WITHIN WALL AT DISTRIBUTION DROP LOCATIONS FOR STUDENT STATION SINKS. STUB SUPPLY OUT OF WALL WITHIN DRABATH. REMOVE SINK SUPPLY PIPING IN REAR. PROVIDE 1/2" DOMESTIC WATER RATED BALL VALVE WITHIN CASEWORK. BENEATH SINK CONNECTIONS. COLD NOT HOT. SINGLE TRIP. NOT & COOLD AT INSTRUCTOR STATION.
3. PROVIDE PVC DRAINAGE STACK. DOWNSTREAM OF POLYPROPYLENE PH-NEUTRALIZING SYSTEM. CONNECT 2" FUTURE DRAIN U.G. TO EXISTING DRAINAGE. LATERAL.
4. ROUTE A.C. VENT PIPING. PROVIDE VTR FOR DRAINAGE & VENT SYSTEM.
5. PROVIDE EMERGENCY EYEWASH & DRENCH SHOWERHEAD. RECONNECT PIPING INTO EXISTING WATER SUPPLY.
6. PROVIDE TANK TYPE ELECTRIC WATER HEATERS. REGULATION PUMP. SUPPLY/TANK PIPING AND VALVING. ONE FOR ONE. PROVIDE NEW THERMOSTATIC MIXING VALVE TO PROTECT LAB BUILDING STUDENT SINKS.
7. CUT IN NEW #4 BACKFLOW PREVENTER ONTO EXISTING WATER SERVICE. PROVIDE VERTICALLY CERTIFIED DEVICE. SPACE TO ADJACENT WALL WALL.



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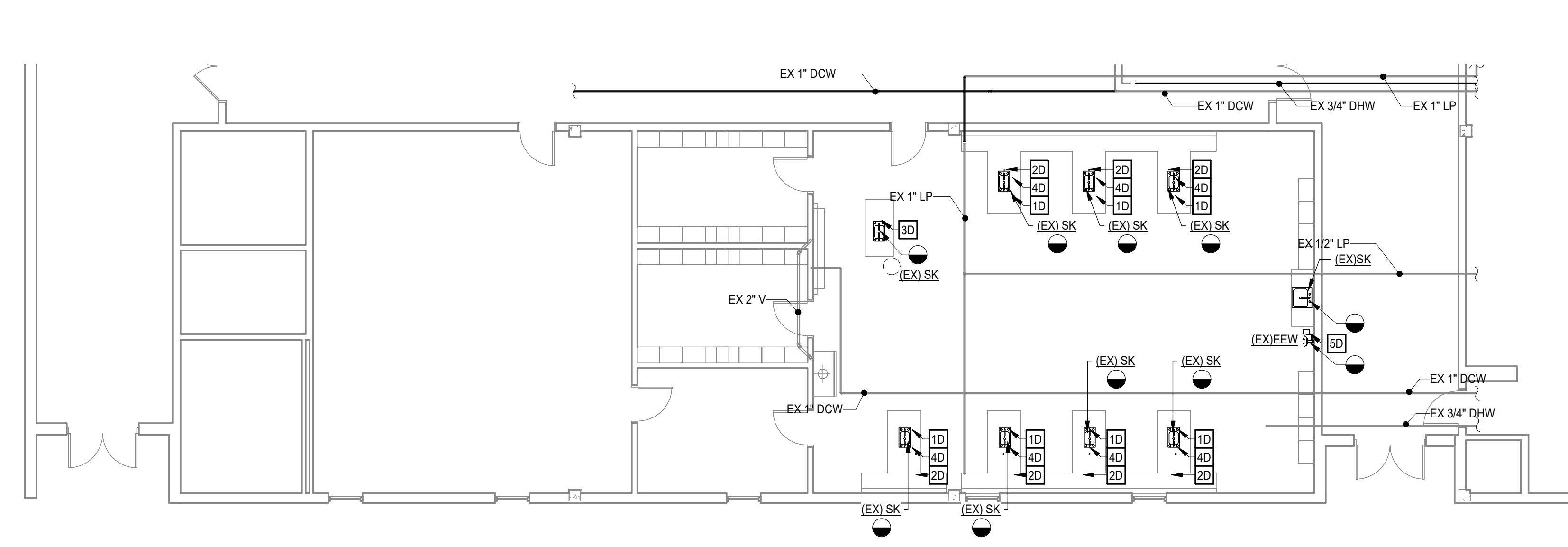
PROJECT NO:	630516
DATE:	JANUARY 17, 2024
REVISIONS	
DATE	DESCRIPTION

DEMOLITION KEYNOTES
 APPLIES TO THIS DRAWING - DEMO WORK
 REPRESENTED BY [a]

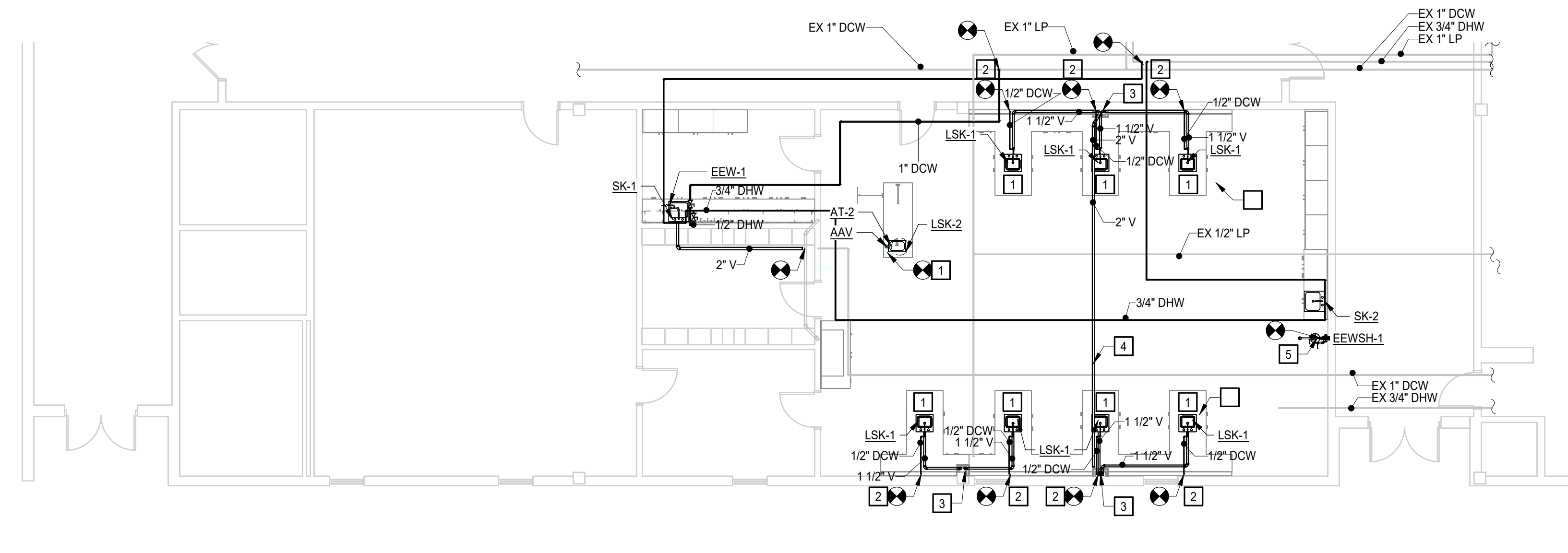
1. REMOVE EXISTING DRAINAGE PIPING FROM LAB SINKS. REMOVE UNDERSLAB DRAINAGE PIPING AND LEAVE EXTENDED. EXISTING BUILDING DRAIN CAPPED FOR CONSTRUCTION.
2. REMOVE EXISTING DOMESTIC WATER SUPPLY PIPING & GAS SUPPLY PIPING TO LAB SINK STUDENT STATIONS. CUT PIPING BACK TO WALL UP TO DISTRIBUTION & CAP AT CEILING FOR CONSTRUCTION. LEAVE GAS CAPPED IN CASEWORK. NEW WALL WITH BALL VALVE.
3. REMOVE EXISTING ABOVEGROUND DOMESTIC WATER SUPPLY & GAS SUPPLY PIPING WITHIN INSTRUCTORS DESK. CAP FOR CONSTRUCTION. LEAVE GAS CAPPED IN CASEWORK. STUB UP AND PROVIDE BALL VALVE.
4. REMOVE ANY VENTING ASSOCIATED WITH EXISTING LAB SINKS AND PROVIDE VENT CAP AT EXISTING VENT HEADERS WHERE NECESSARY.
5. DEMO EXISTING EYEWASH STATION & CAP ROUGH-IN FOR FUTURE.

KEYNOTES
 APPLIES TO THIS DRAWING
 REPRESENTED BY [a]

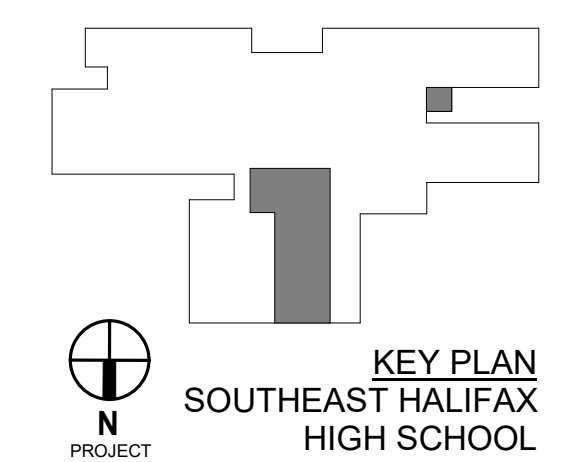
1. PROVIDE POLYPROPYLENE ACID-RESISTANT DRAINAGE PIPING & FUSION-WELDED FITTINGS FOR STUDENT STATION & INSTRUCTOR LAB SINKS.
 - A. STUDENT STATION SINKS SHALL BE INSTALLED WITH POLYPROPYLENE ACID-RESISTANT DRAIN TRAPS & LIMESTONE MEDIUM.
 - B. INSTRUCTOR STATION SINKS SHALL BE INSTALLED WITH IN-CABINET PH-NEUTRALIZATION & MONITORING SYSTEM. PROVIDE PH-MONITOR & HIGH-LEVEL ALARM WITH 20 GALLON DILUTION BASIN & SAMPLING PORT. PROVIDE CHEMICAL-RESISTANT AIR ADMITTANCE VALVE WITHIN CASEWORK.
2. PROVIDE COPPER PIPING (SEE PD 8 SHEET FOR TYPE) WITHIN WALL AT DISTRIBUTION DROP LOCATIONS FOR STUDENT STATION SINKS. STUB COPPER OUT OF WALL WITH DRENTH & ROUTE SINK SUPPLY PIPING IN-DECK. PROVIDE 1/2" DOMESTIC WATER RATED BALL VALVE WITHIN CASEWORK. BENEATH SINK CONNECTIONS, COLD NO-HOT, SINGLE TEMP. HOT & COLD AT INSTRUCTOR STATION & EYEWASH SINK.
3. PROVIDE PVC DRAINAGE STACK DOWNSTREAM OF NEW POLYPROPYLENE PH-NEUTRALIZING SYSTEM. CONNECT 2" FITTURE DRAIN U.G. TO EXISTING DRAINAGE LATERAL.
4. ROUTE A.C. VENT PIPING. PROVIDE VENT FOR DRAINAGE & VENT SYSTEM.
5. PROVIDE ADA COMPLIANT EMERGENCY EYEWASH & DRENCH SHOWER HEAD.

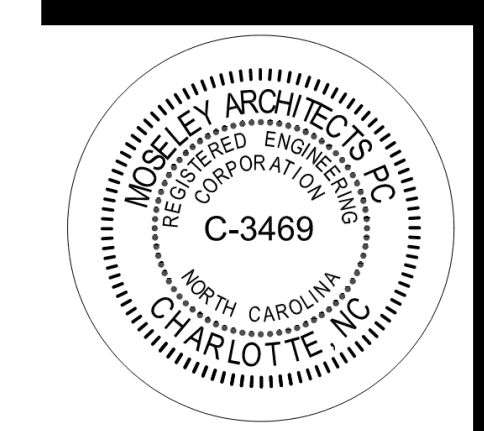


SOUTHEAST HS CHEM LAB - PLUMBING FLOOR PLAN DEMO
 1/8" = 1'-0"



SOUTHEAST HS CHEM LAB - PLUMBING FLOOR PLAN
 1/8" = 1'-0"



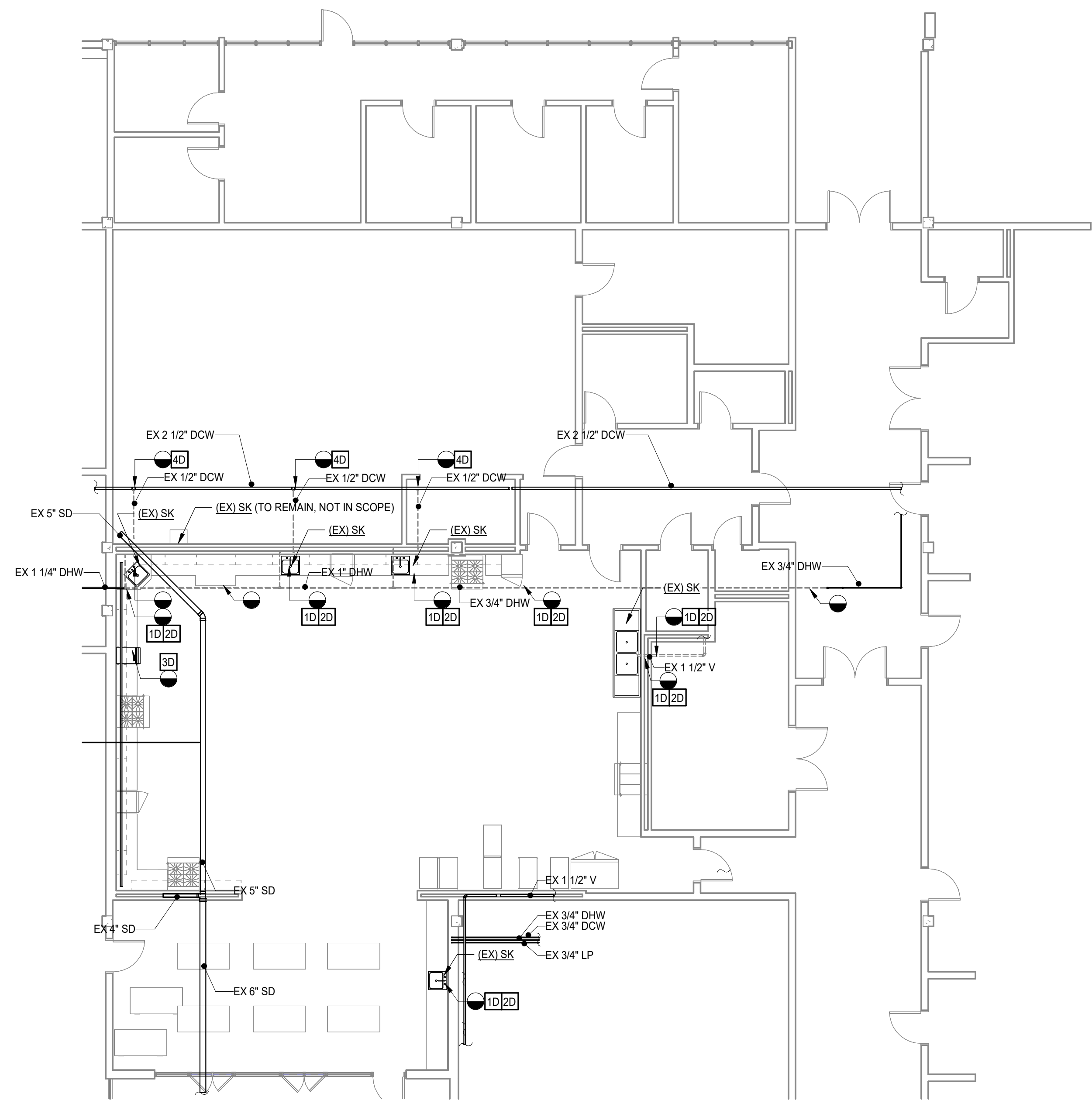


DEMOLITION KEYNOTES
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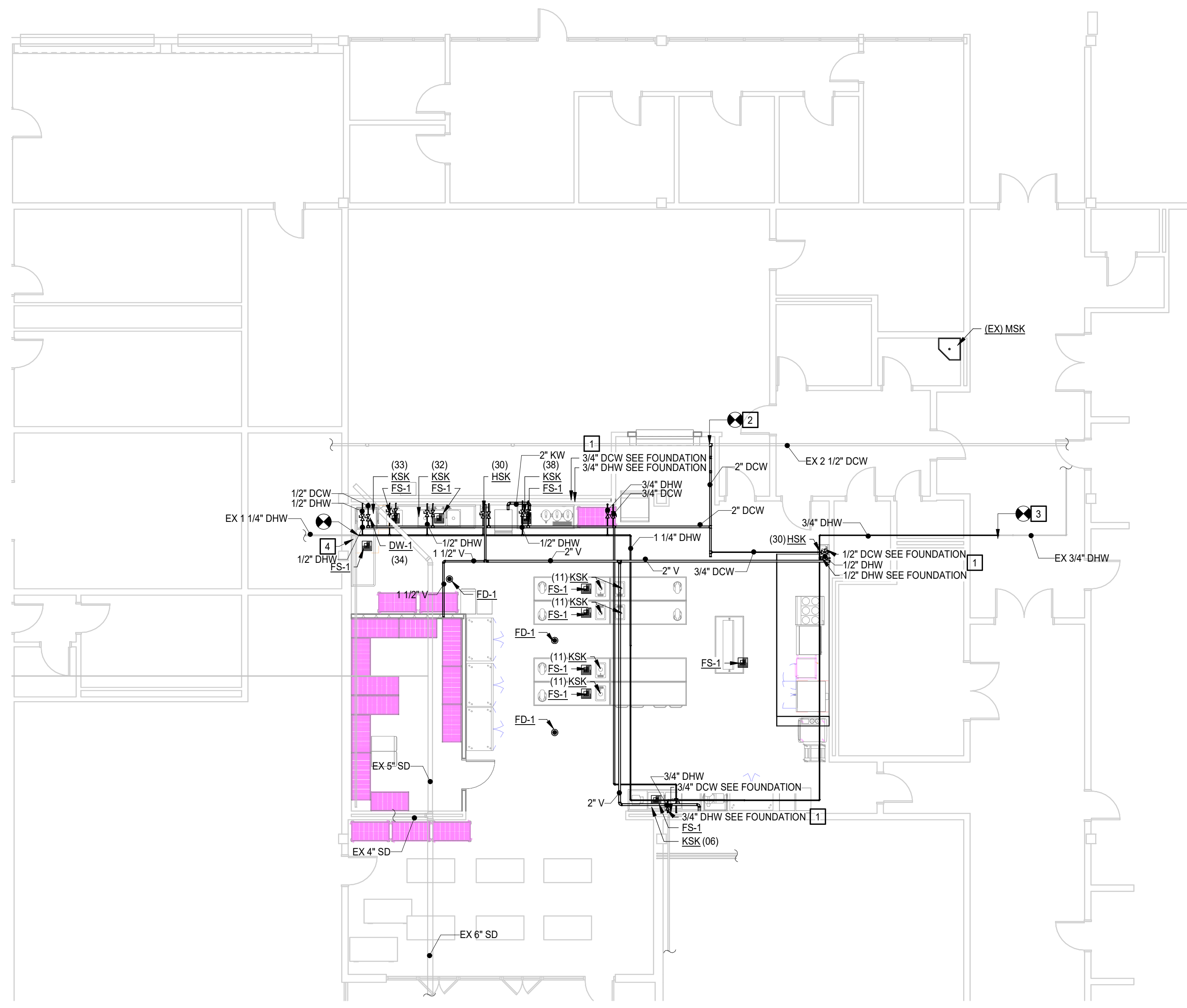
1. REMOVE ABOVEGROUND KITCHEN WASTE DRAIN & VENTING PIPING.
2. REMOVE EXISTING DOMESTIC WATER BRANCH SUPPLIES, HOT & COLD. REMOVE ANY ASSOCIATED GAS DISTRIBUTION APPOINTED IN PLACE FOR THIS SPACE.
3. REMOVE DISHWASHER & ASSOCIATED PIPING. CAP PIPING BACK TO SYSTEM.
4. REMOVE EXISTING DOMESTIC WATER BRANCH DISTRIBUTION PIPING AND CAP AT HEADER.

KEYNOTES
 APPLIES TO THIS DRAWING
 REPRESENTED BY [n]

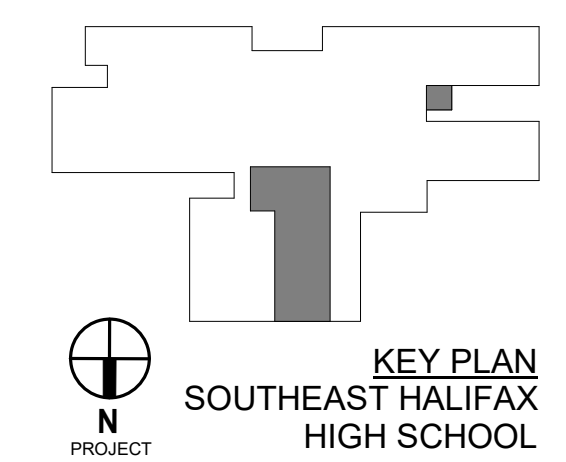
1. ROUTE NEW HOT & COLD WATER UNDER SLAB, FLEXIBLE PIPING IN SHEATHS. PROVIDE WATER AT ISLAND SINK LOCATIONS.
2. EXTEND NEW DOMESTIC WATER BRANCH SUPPLY FROM EXISTING HEADER.
3. CONNECT NEW HOT WATER LOOP TO EXISTING.
4. PROVIDE GREASEWATCH S.F.O.G. ALARM & MONITORING PANEL ON WALL FOR QB-60 GREASE WASTE INTERCEPTOR.



SOUTHEAST HS CULINARY LAB - PLUMBING FLOOR PLAN DEMO
 1/8" = 1'-0"



SOUTHEAST HS CULINARY LAB - PLUMBING FLOOR PLAN
 1/8" = 1'-0"



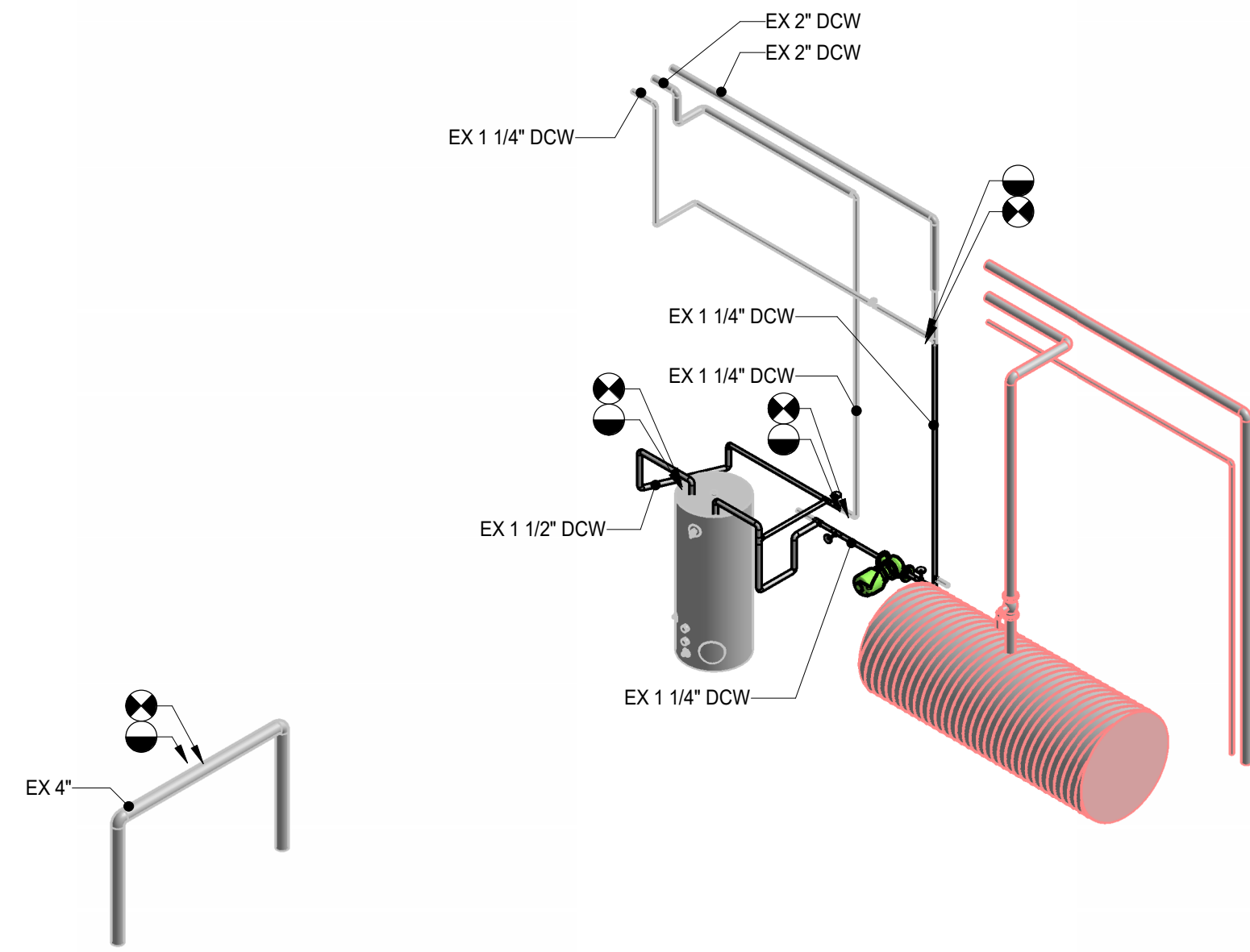
HALIFAX CO MULTIPLE RENOVATIONS
 HALIFAX COUNTY SCHOOLS
 16683 NC-125, HALIFAX, NC 27839
 8492 NC-48, LITTLETON, NC 27850

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PLUMBING CULINARY
 LAB FLOOR PLANS
 DEMO/PROPOSED -
 SEHS



EXISTING OIL-FIRED WATER HEATER



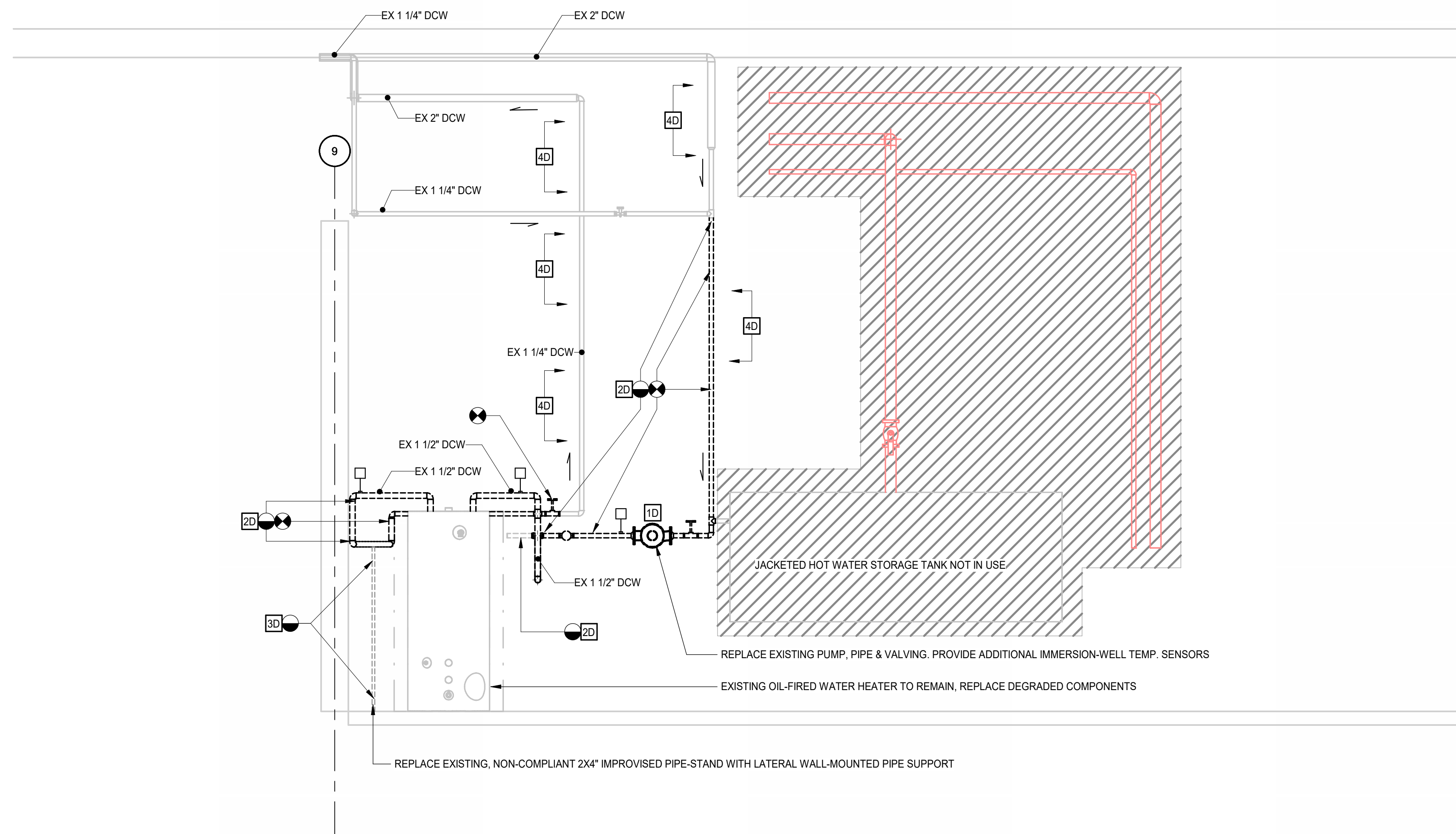
SE H.S. PLUMBING ISOMETRIC DIAGRAM - BOILER ROOM
NO SCALE

DEMOLITION KEYNOTES
APPLIES TO THIS DRAWING - DEMO WORK
REPRESENTED BY [1]

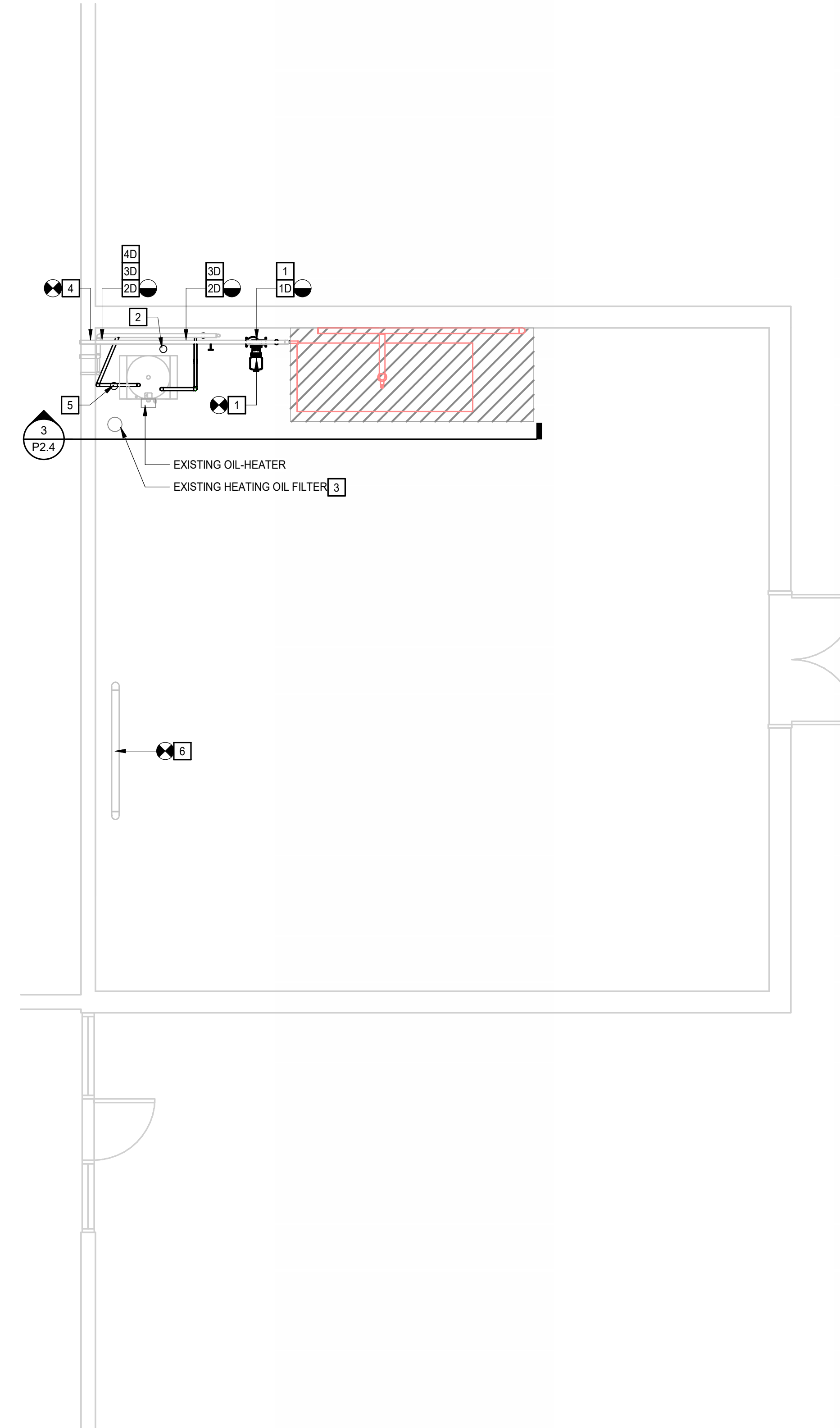
1. REMOVE EXISTING HOT WATER RECIRCULATING PUMP, ASSOCIATED PIPING/VALVES/SENSORS & CAP REMAINING PIPING SYSTEM FOR FUTURE.
2. REMOVE EXISTING, CORRODED PIPING & VALVES PAST USEFUL LIFE.
3. REMOVE EXISTING, IMPROVISED WOOD PIPE STAND AND REPLACE WITH WALL-SUPPORT.
4. REMOVE EXISTING INSULATION WHERE DAMAGED PAST USEFUL LIFE, REPLACE AS NEEDED. INCLUDE DIRECTIONAL & SYSTEM SIZING.

KEYNOTES
APPLIES TO THIS DRAWING
REPRESENTED BY [1]

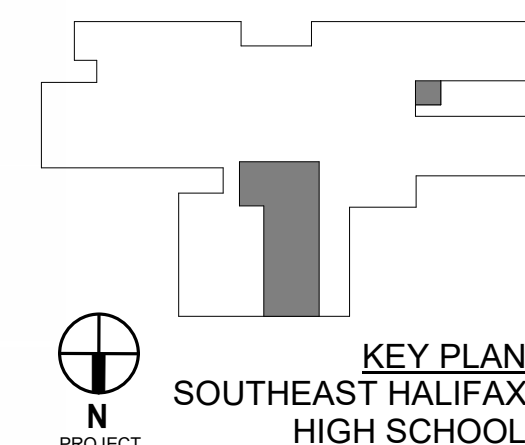
1. PROVIDE RECIRCULATING PUMP, INSULATED PIPING, VALVES & IMMERSION WELL TEMPERATURE SENSORS.
2. SET WATER HEATER TEMPERATURE TO 120 DEGREES F. PROVIDE ASSE MASTER THERMOSTATIC MIXING VALVE AT WATER HEATER LIMITING TEMPERATURE TO 120 DEGREES F. DOWNSTREAM OF HOT WATER OUTLET.
3. REPLACE HEATING OIL FILTER.
4. PROVIDE NEW, INSULATED PIPING WHERE DAMAGED PIPING REMOVED.
5. PROVIDE NEW THERMAL EXPANSION TANK.
6. PROVIDE DOUBLE CHECK BACKFLOW PREVENTION DEVICE WITH SERVICE UNIONS & BALL VALVES.



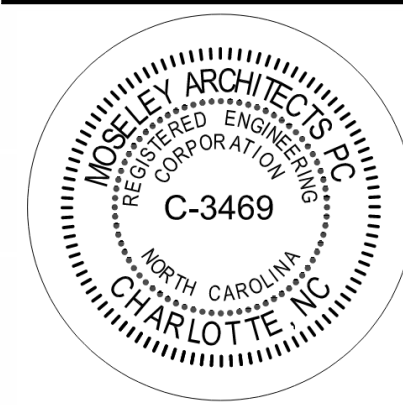
3 EXISTING WATER HEATING ARRANGMENT ELEVATION
1/2" = 1'-0"



SOUTHEAST HS BOILER ROOM - PLUMBING FLOOR PLAN
1/4" = 1'-0"



KEY PLAN
SOUTHEAST HALIFAX
HIGH SCHOOL
PROJECT



HALIFAX CO MULTIPLE RENOVATIONS
HALIFAX COUNTY SCHOOLS
16683 NC-125, HALIFAX, NC 27839
8492 NC-48, LITTLETON, NC 27850

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SOUTHEAST
HIGH SCHOOL BOILER
ROOM

MOSELEYARCHITECTS
911 N. WEST STREET, SUITE 205 RALEIGH, NORTH CAROLINA 27603
PHONE (919) 840-0091
MOSELEYARCHITECTS.COM

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PACKAGED MAKE-UP AIR UNIT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	SERVING	SUPPLY FAN			OUTSIDE AIR				DX COOLING COIL				ELECTRIC HEATING COIL			ELECTRIC DATA				WEIGHT (LBS)	NOTES	
				DESIGN AIRFLOW (CFM)	ESP (IN WC)	MOTOR SIZE (HP)	DESIGN AIRFLOW (CFM)	GROSS TOTAL CAPACITY (BTUH)	GROSS SENSIBLE CAPACITY (BTUH)	EAT		HOT-GAS REHEAT CAPACITY (BTUH)	SENSIBLE CAPACITY (KW)	EAT (°F)	LAT (°F)	UNIT DATA		SERVICE						
										(°F DB)	(°F WB)					(°F DB)	(°F WB)	MCA (A)	MOCQ (A)	(V)	(PH)			(HZ)
MAL1	CAPTVEAIRE	CASRTUJ-E-454-15-15T	269 CULINARY LAB	2,800	0.75	2	2,600	188,000	71,700	85.0	77.7	59.2	57.2	31,200	44	18.5	60.0	87.8	70.0	480	3	60	2,850	1,2,3

NOTES:
 1. PROVIDE CONTROLS FOR UNIT WITH EXHAUST HOOD AND FAN.
 2. PROVIDE VARIABLE SPEED COMPRESSOR.
 3. PROVIDE SEPARATE POWER CONNECTION FOR ELECTRIC HEAT

FAN SCHEDULE - SOUTHEAST HALIFAX HIGH SCHOOL

TAG	MANUFACTURER	MODEL NUMBER	SERVING	TYPE	AIRFLOW (CFM)	ESP (IN WC)	FAN WHEEL (RPM)	DRIVE TYPE	SONES	CONTROL METHOD	MOTOR (HP)	ELECTRICAL DATA			WEIGHT (LBS)	NOTES
												(V)	(PH)	(HZ)		
SEHS F-1	GREENHECK	CUE-140-VG	242 CHEMISTRY & PHYSICS LAB	CENTRIFUGAL ROOF UPBLAST	1,400	0.30	950	DIRECT	8.1	WALL SWITCH	1/4	120	1	60	61	1.2
SEHS F-2	GREENHECK	FJI-08-BI-X	FUME HOOD	CENTRIFUGAL FUME EXHAUST FAN	500	0.50	1750	DIRECT	15.7	FUME HOOD SWITCH	1/4	120	1	60	155	4.5
SEHS F-3	GREENHECK	CUE-80-VG	244 PREP ROOM	CENTRIFUGAL ROOF UPBLAST	170	0.30	1157	DIRECT	5	BAS	1/10	120	1	60	34	1.2
SEHS F-4	GREENHECK	DU180HFA	KITCHEN HOOD 24	CENTRIFUGAL ROOF UPBLAST	3,230	1.50	1190	DIRECT	14.8	HOOD INTERLOCK	2	480	3	60	190	3

NOTES:
 1. PROVIDE MOTORIZED BACKDRAFT DAMPER AND INTERLOCK WITH FAN OPERATION.
 2. PROVIDE MANUAL WALL SWITCH AND LOCATE WHERE INDICATED ON FLOOR PLAN.
 3. FAN SHALL BE CONTROLLED BY KITCHEN HOOD VAV CONTROL SYSTEM. FAN SHALL BE UL-762 LISTED FOR USE WITH TYPE I HOOD. PROVIDE WITH ROOF CURB TO MATCH ROOF SLOPE. MINIMUM DISCHARGE HEIGHT OF FAN TO BE 40' ABOVE ROOF. FAN SHALL BE VARIABLE SPEED AS PART OF KITCHEN HOOD DEMAND-CONTROLLED VENTILATION OPERATION STRATEGY.
 4. PROVIDE INTEGRAL INLET BOX AND CURB CAP.
 5. PROVIDE GRAVITY BACKDRAFT DAMPER.

FAN SCHEDULE - NORTHWEST HALIFAX HIGH SCHOOL

TAG	MANUFACTURER	MODEL NUMBER	SERVING	TYPE	AIRFLOW (CFM)	ESP (IN WC)	FAN WHEEL (RPM)	DRIVE TYPE	SONES	CONTROL METHOD	MOTOR (HP)	ELECTRICAL DATA			WEIGHT (LBS)	NOTES
												(V)	(PH)	(HZ)		
NWHS F-1	GREENHECK	CUE-140-VG	C109 CHEMISTRY & PHYSICS LAB	CENTRIFUGAL ROOF UPBLAST	1,400	0.30	950	DIRECT	8.1	WALL SWITCH	1/4	120	1	60	61	1.2
NWHS F-2	GREENHECK	FJI-08-BI-X	FUME HOOD	CENTRIFUGAL FUME EXHAUST FAN	500	0.50	1750	DIRECT	15.7	FUME HOOD SWITCH	1/4	120	1	60	155	3.4

NOTES:
 1. PROVIDE MOTORIZED BACKDRAFT DAMPER AND INTERLOCK WITH FAN OPERATION.
 2. PROVIDE MANUAL WALL SWITCH AND LOCATE WHERE INDICATED ON FLOOR PLAN.
 3. PROVIDE INTEGRAL INLET BOX AND CURB CAP.
 4. PROVIDE GRAVITY BACKDRAFT DAMPER.

EXISTING AIR HANDLING UNIT SCHEDULE - SOUTHEAST HALIFAX HIGH SCHOOL

TAG	MANUFACTURER	SERVING	SUPPLY FAN			OUTSIDE AIRFLOW (CFM)	DX COOLING COIL TOTAL CAPACITY (BTUH)	HYDRONIC HEATING COIL CAPACITY (BTUH)	NOTES
			DESIGN AIRFLOW (CFM)	ESP (IN WC)	MOTOR SIZE (HP)				
AHU-9	TRANE	SCIENCE LAB	5,900	0.80	5	600	169,100	167,000	1
AHU-12	TRANE	CULINARY LAB	5,400	0.44	5	600	158,200	98,000	1

NOTES:
 1. UNIT IS EXISTING TO REMAIN. PERFORM PRELIMINARY TEST AND BALANCE TO DETERMINE EXISTING TOTAL AIRFLOW AND OUTSIDE AIRFLOW. RE-BALANCE UNIT TOTAL AIRFLOW AND OUTSIDE AIR INTAKE TO VALUES LISTED.

EXISTING AIR HANDLING UNIT SCHEDULE - NORTHWEST HALIFAX HIGH SCHOOL

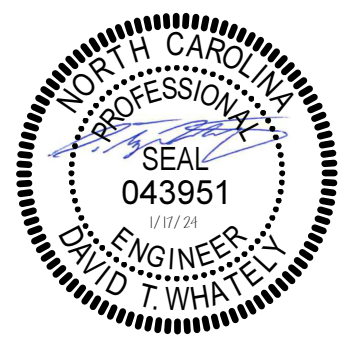
TAG	MANUFACTURER	SERVING	SUPPLY FAN			OUTSIDE AIRFLOW (CFM)	HYDRONIC COOLING COIL TOTAL CAPACITY (BTUH)	HYDRONIC HEATING COIL CAPACITY (BTUH)	NOTES
			DESIGN AIRFLOW (CFM)	ESP (IN WC)	MOTOR SIZE (HP)				
AHU-6	TRANE	C109 CHEMISTRY & PHYSICS LAB	7,700	0.90	5	1,125	202,500	254,000	1

NOTES:
 1. UNIT IS EXISTING TO REMAIN. PERFORM PRELIMINARY TEST AND BALANCE TO DETERMINE EXISTING TOTAL AIRFLOW AND OUTSIDE AIRFLOW. RE-BALANCE UNIT TOTAL AIRFLOW AND OUTSIDE AIR INTAKE TO VALUES LISTED.

GRILLE, REGISTER, & DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	MOUNTING STYLE	NECK SIZE	FACE SIZE	MAX NC LEVEL	NOTES
S1	PRICE	ASCD	LAY-IN	6"	24x24	30	-
S2	PRICE	ASCD	LAY-IN	8"	24x24	30	-
S3	PRICE	ASCD	LAY-IN	10"	24x24	30	-
S4	PRICE	SDBI-100-4	LAY-IN	10"	-	30	1
R1	PRICE	635-TB-L	LAY-IN	22x22	24x24	30	-
E1	PRICE	635-TB-L	LAY-IN	22x22	24x24	30	-

NOTES:
 1. PROVIDE 48" LONG, INSULATED SDBI LINEAR SLOT PLENUM WITH 10" NECK



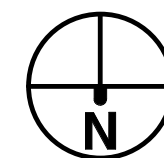
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DATE:	JANUARY 17, 2024
REVISIONS	DESCRIPTION

DATE	DESCRIPTION

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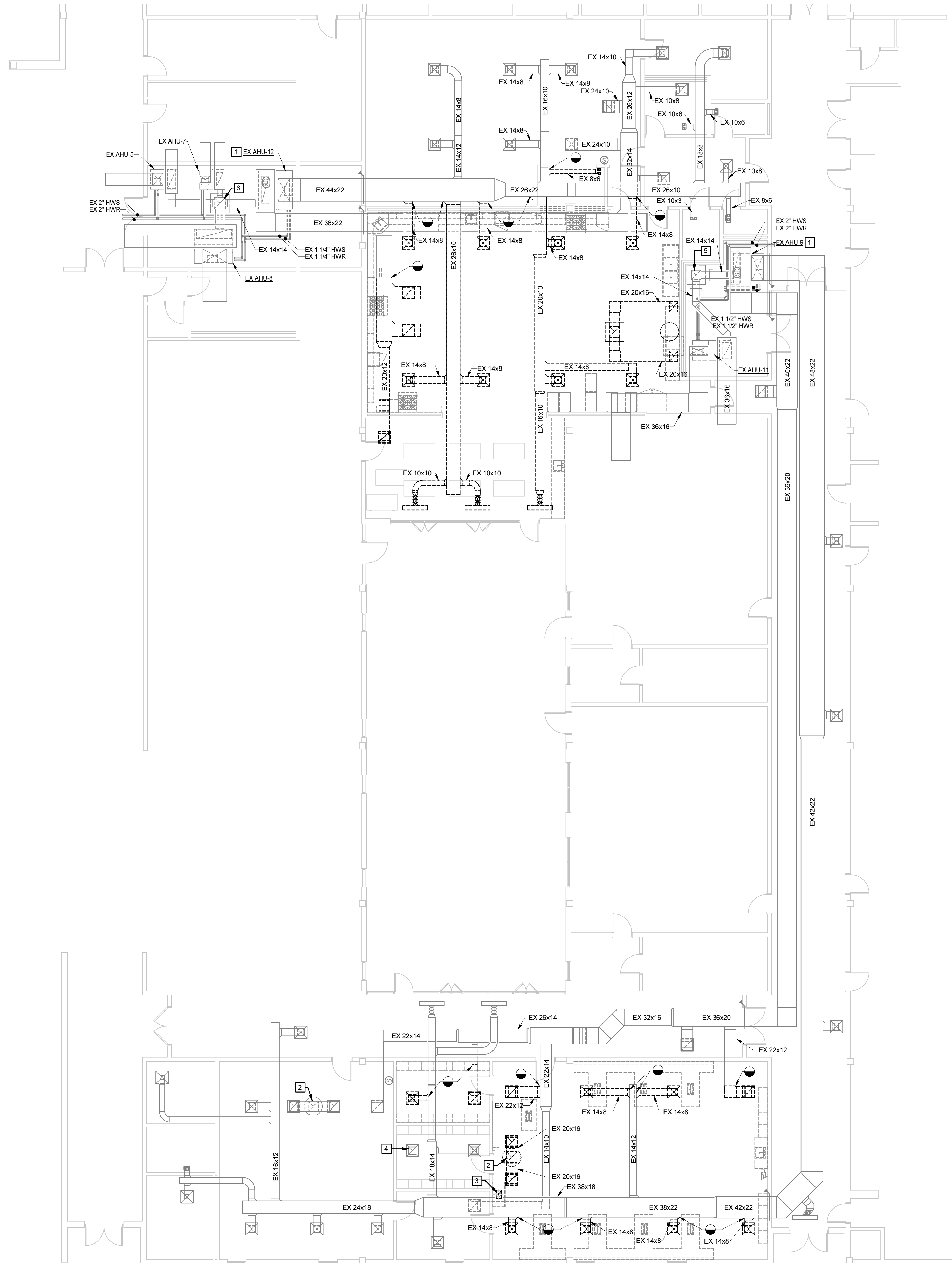
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DEMOLITION PLAN - SOUTHEAST HALIFAX HIGH SCHOOL

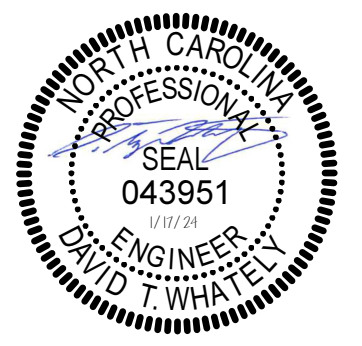
1/8" = 1'-0"



- KEYNOTES**
APPLIES TO THIS DRAWING
- 1 PERFORM PRE-CONSTRUCTION TESTING FOR AIR HANDLING UNIT PRIOR TO ANY DEMOLITION WORK. REFER TO SPECIFICATION SECTION 014520 FOR REQUIREMENTS.
 - 2 EX 20x20 UP TO EXISTING FAN ON ROOF.
 - 3 EX 16x10 UP TO EXISTING GOOSENECK ON ROOF.
 - 4 EX 14x14 UP TO EXISTING FAN ON ROOF.
 - 5 EX 18x18 UP TO EXISTING PENTHOUSE ON ROOF.
 - 6 EX 22x22 UP TO EXISTING PENTHOUSE ON ROOF.

MOSELEYARCHITECTS

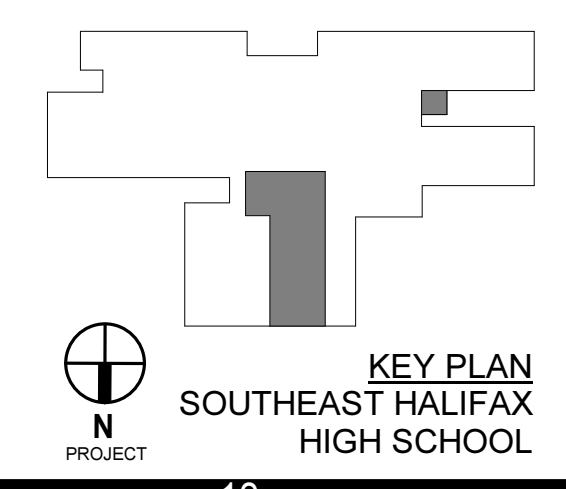
911 N. WEST STREET, SUITE 205 RALEIGH, NORTH CAROLINA 27603
PHONE (919) 840-0081
MOSELEYARCHITECTS.COM



HALIFAX CO MULTIPLE RENOVATIONS

HALIFAX COUNTY SCHOOLS
16683 NC-125, HALIFAX, NC 27839
8492 NC-48, LITTLETON, NC 27850

PROJECT NO.	630516
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KEY PLAN
SOUTHEAST HALIFAX
HIGH SCHOOL

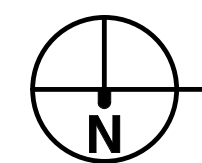
DEMOLITION PLAN -
SOUTHEAST HALIFAX
HIGH SCHOOL

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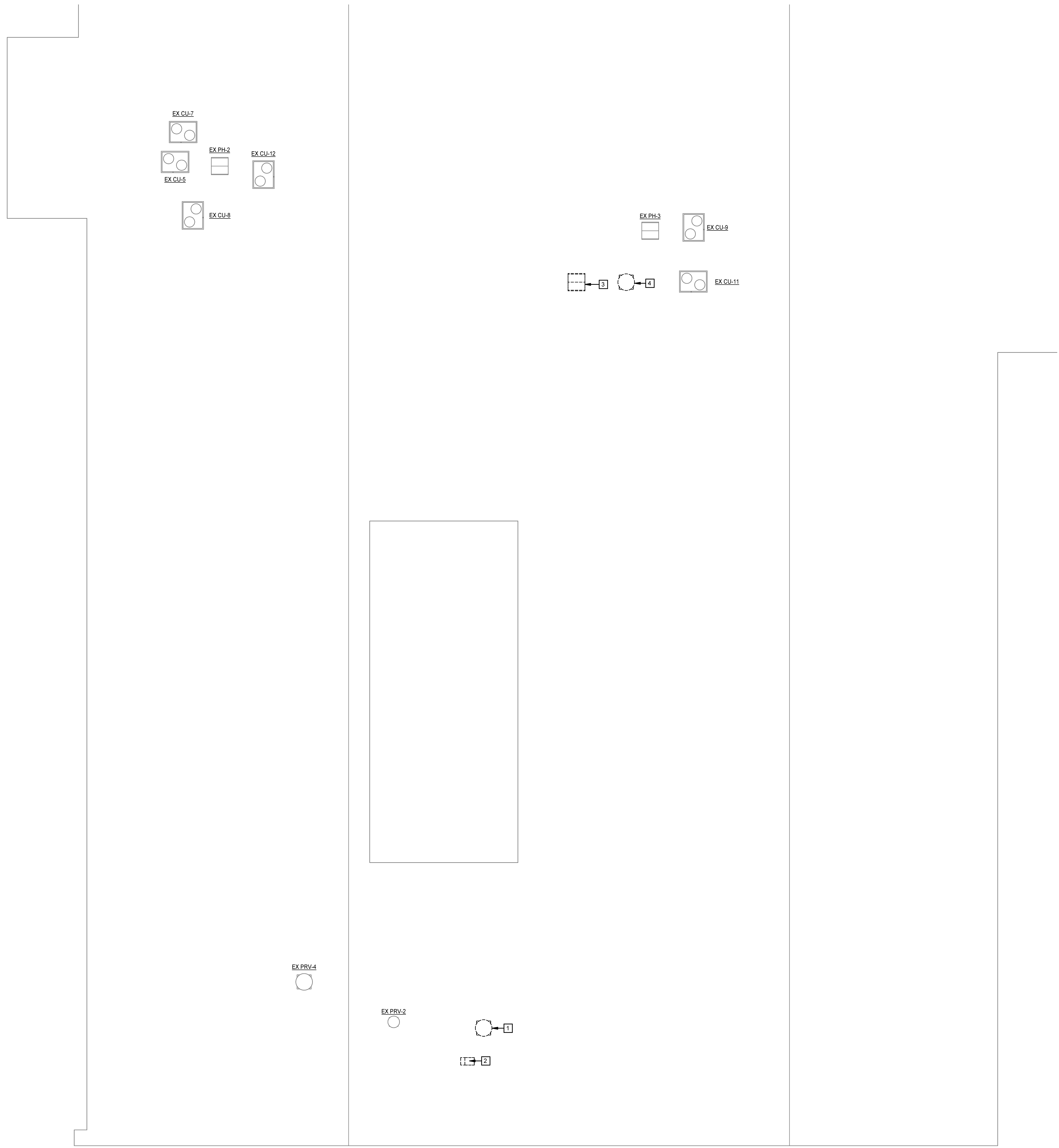
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ROOF DEMOLITION PLAN - SOUTHEAST HALIFAX HIGH SCHOOL

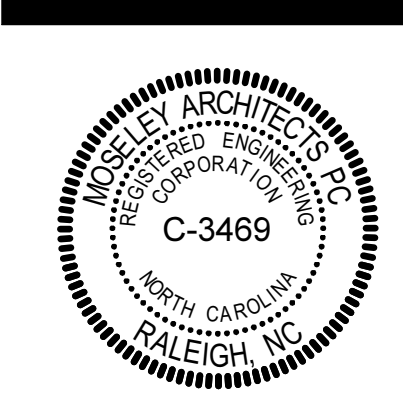
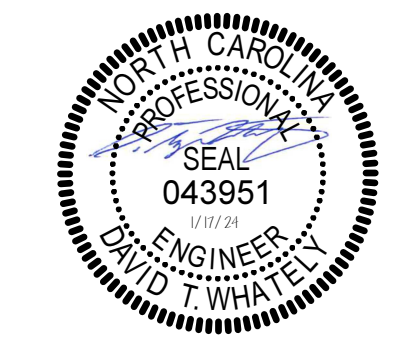
1/8" = 1'-0"



KEYNOTES	
APPLIES TO THIS DRAWING	
1	REMOVE EXISTING EXHAUST FAN.
2	REMOVE EXISTING GOOSENECK.
3	REMOVE EXISTING PENTHOUSE. CAP EXISTING CURB. SEE EXISTING ROOF CURB CAP DETAIL ON DRAWING M5.1.
4	REMOVE EXISTING EXHAUST FAN. CAP EXISTING CURB. SEE EXISTING ROOF CURB CAP DETAIL ON DRAWING M5.1.

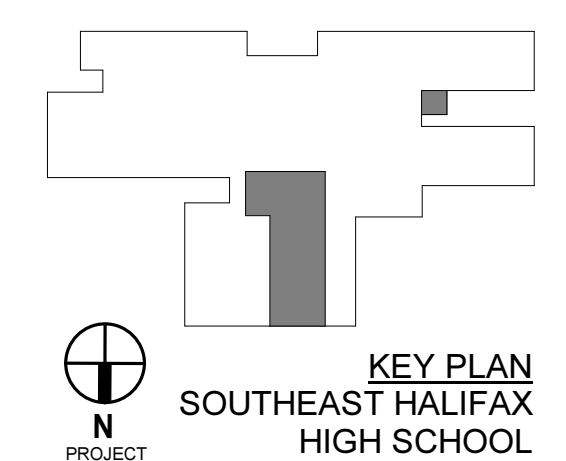
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HALIFAX COUNTY SCHOOLS
16683 NC-125, HALIFAX, NC 27839
8492 NC-48, LITTLETON, NC 27850

PROJECT NO.	630516
DATE	JANUARY 17, 2024
REVISIONS	
DATE	DESCRIPTION



KEY PLAN
SOUTHEAST HALIFAX
HIGH SCHOOL

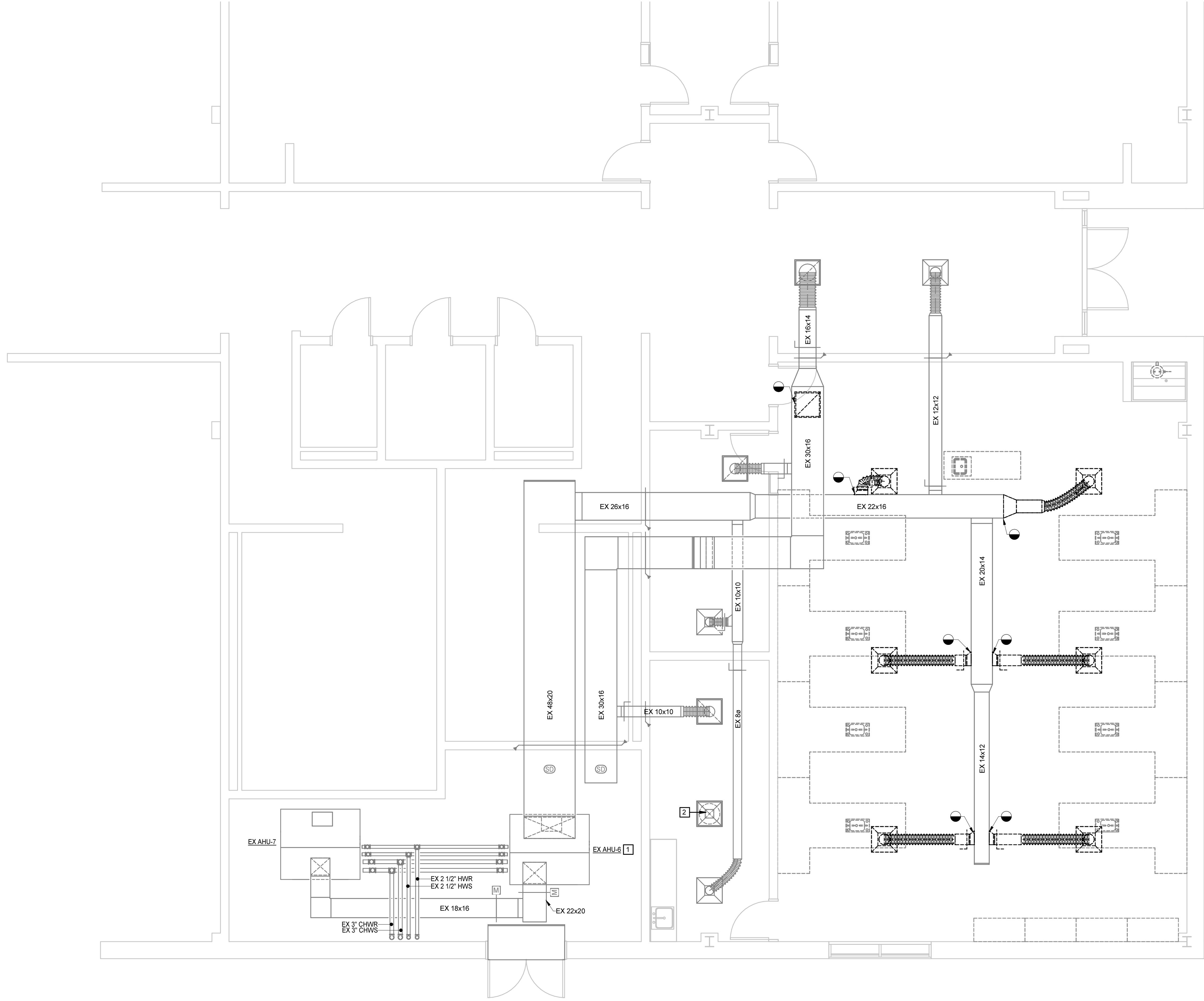
ROOF DEMOLITION
PLAN - SOUTHEAST
HALIFAX HIGH SCHOOL

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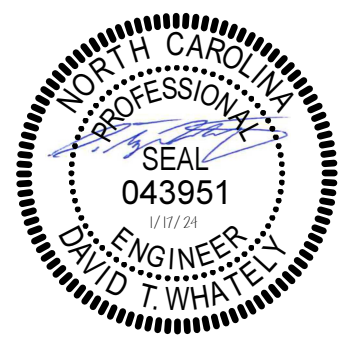
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DEMOLITION PLAN - NORTHWEST HALIFAX HIGH SCHOOL
 1/4" = 1'-0"

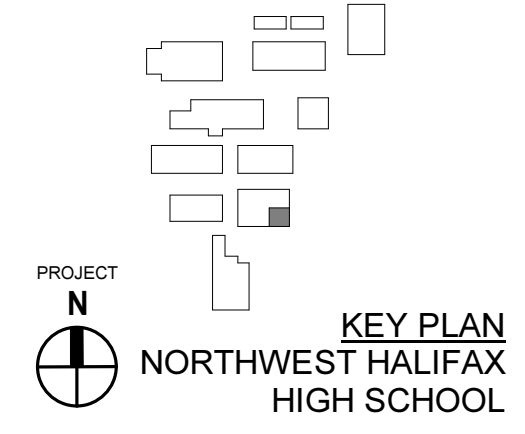
KEYNOTES	
APPLIES TO THIS DRAWING	
1	PERFORM PRE-CONSTRUCTION TESTING FOR AIR HANDLING UNIT PRIOR TO ANY DEMOLITION WORK. REFER TO SPECIFICATION SECTION 014520 FOR REQUIREMENTS.
2	EX 8x6 UP TO EXHAUST FAN F-9.

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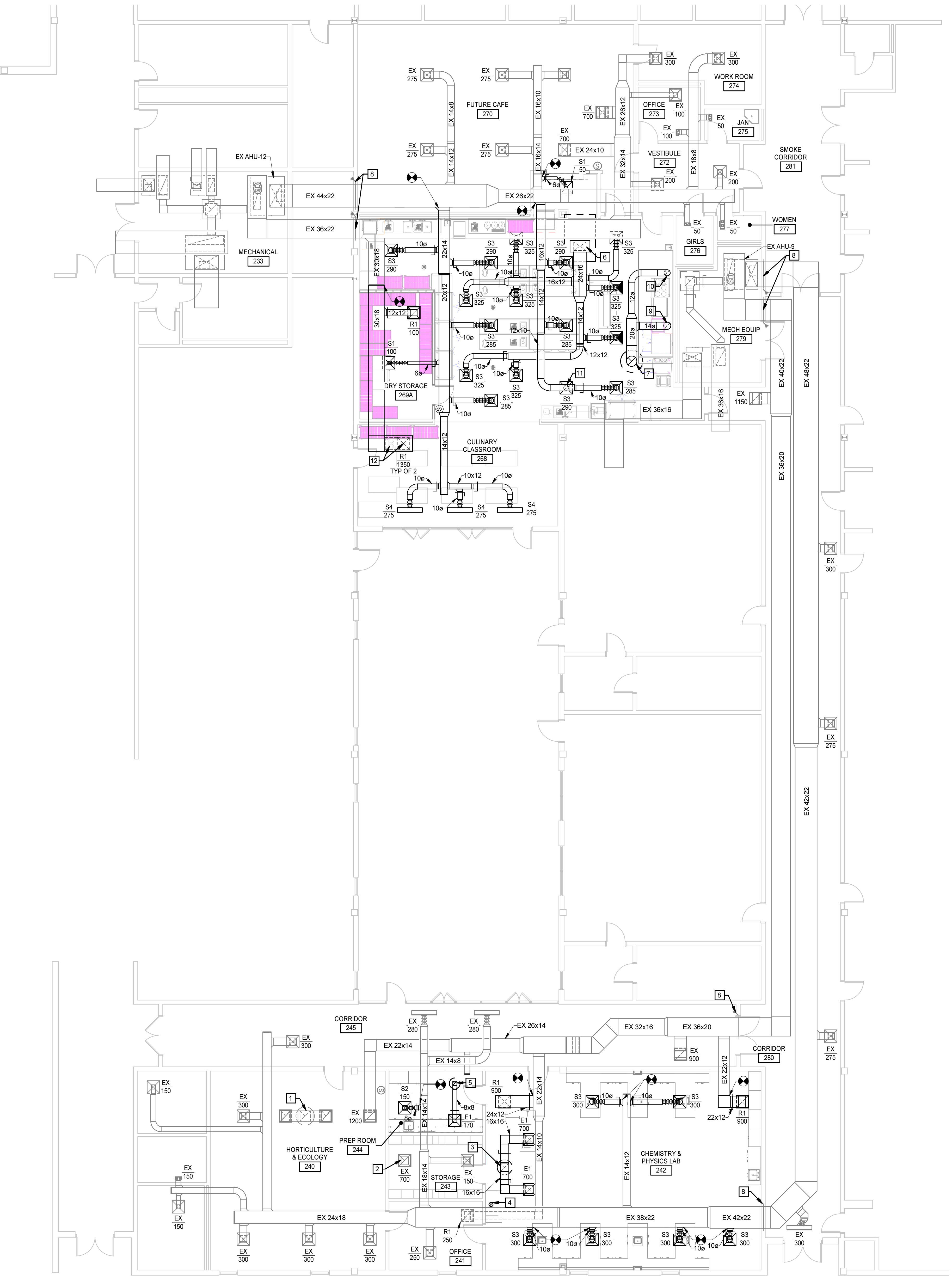
DEMOLITION PLAN - NORTHWEST HALIFAX HIGH SCHOOL

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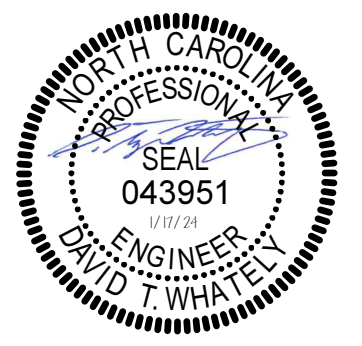


 **FLOOR PLAN - SOUTHEAST HALIFAX HIGH SCHOOL**
1/8" = 1'-0"

KEYNOTES	
APPLIES TO THIS DRAWING	
1	EX 20x20 UP TO EXISTING FAN ON ROOF.
2	EX 14x14 UP TO EXISTING FAN ON ROOF.
3	16x16 UP TO SEHS F-1 ON ROOF.
4	8x8 DOWN TO FUME HOOD AND UP TO SEHS F-2 ON ROOF.
5	8x8 UP TO SEHS F-3 ON ROOF.
6	24x16 UP TO MAU-1 ON ROOF.
7	20x8 UP TO SEHS F-4 ON ROOF.
8	VERIFY OPERATION OF EXISTING FIRE DAMPER.
9	14x8 EXHAUST AIR DUCT DOWN TO HOOD CONNECTION.
10	12x8 EXHAUST AIR DUCT DOWN TO HOOD CONNECTION.
11	10x8 DOWN TO GRILLE WITH MANUAL BALANCING DAMPER IN VERTICAL.
12	22x22 DOWN TO GRILLE WITH MANUAL BALANCING DAMPER IN VERTICAL.

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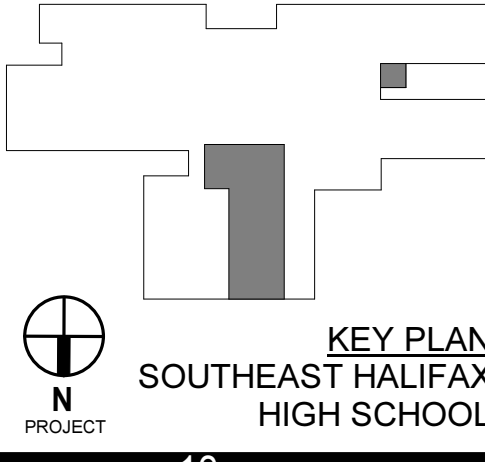


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PROJECT NO.	DATE	REVISIONS
630516	JANUARY 17, 2024	

DATE	DESCRIPTION



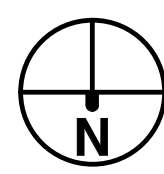
FLOOR PLAN - SOUTHEAST HALIFAX HIGH SCHOOL

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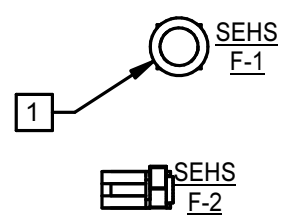
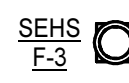
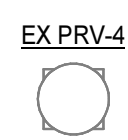
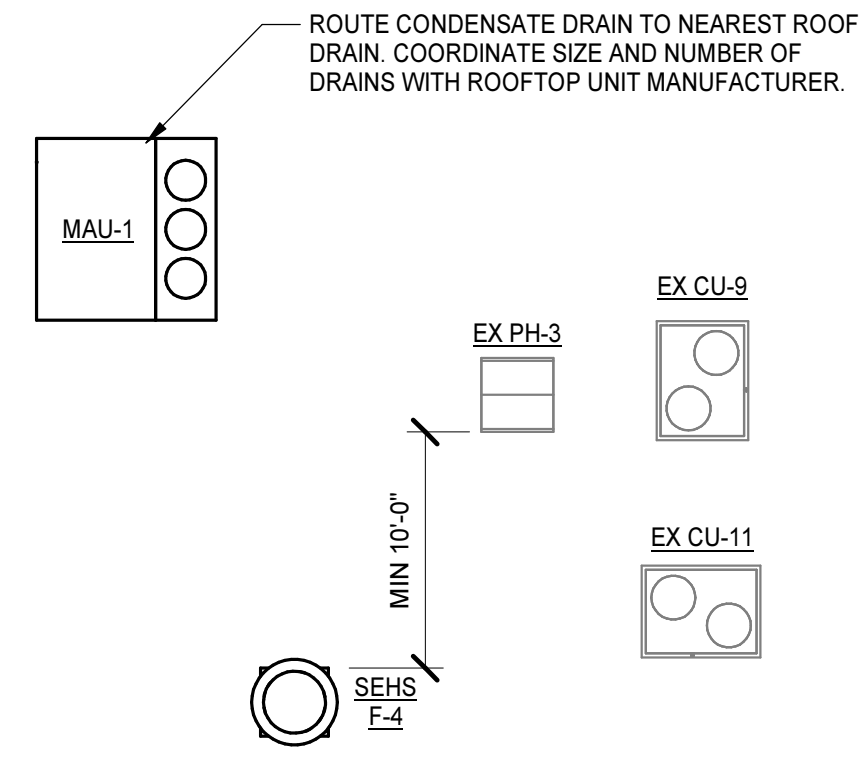
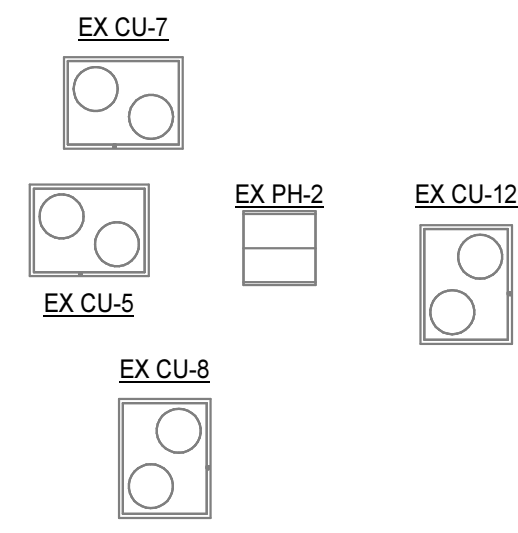
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ROOF PLAN - SOUTHEAST HALIFAX HIGH SCHOOL

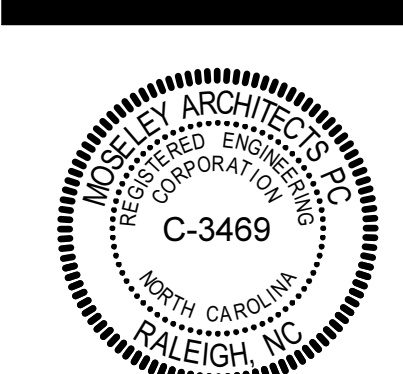
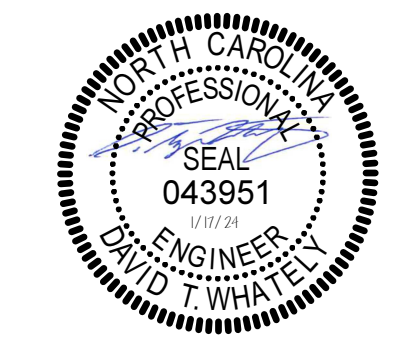
1/8" = 1'-0"



KEYNOTES	
APPLIES TO THIS DRAWING	
1	COORDINATE LOCATION OF FAN WITH EXISTING ROOF OPENING. PROVIDE CURB ADAPTER.

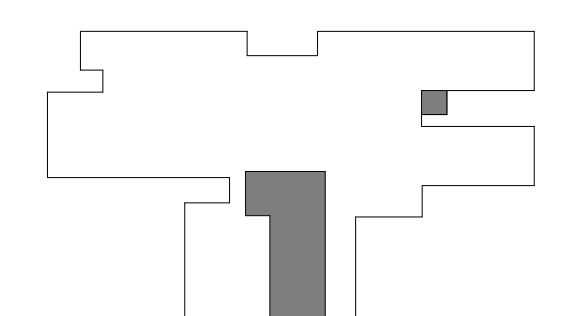
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KEY PLAN
SOUTHEAST HALIFAX
HIGH SCHOOL

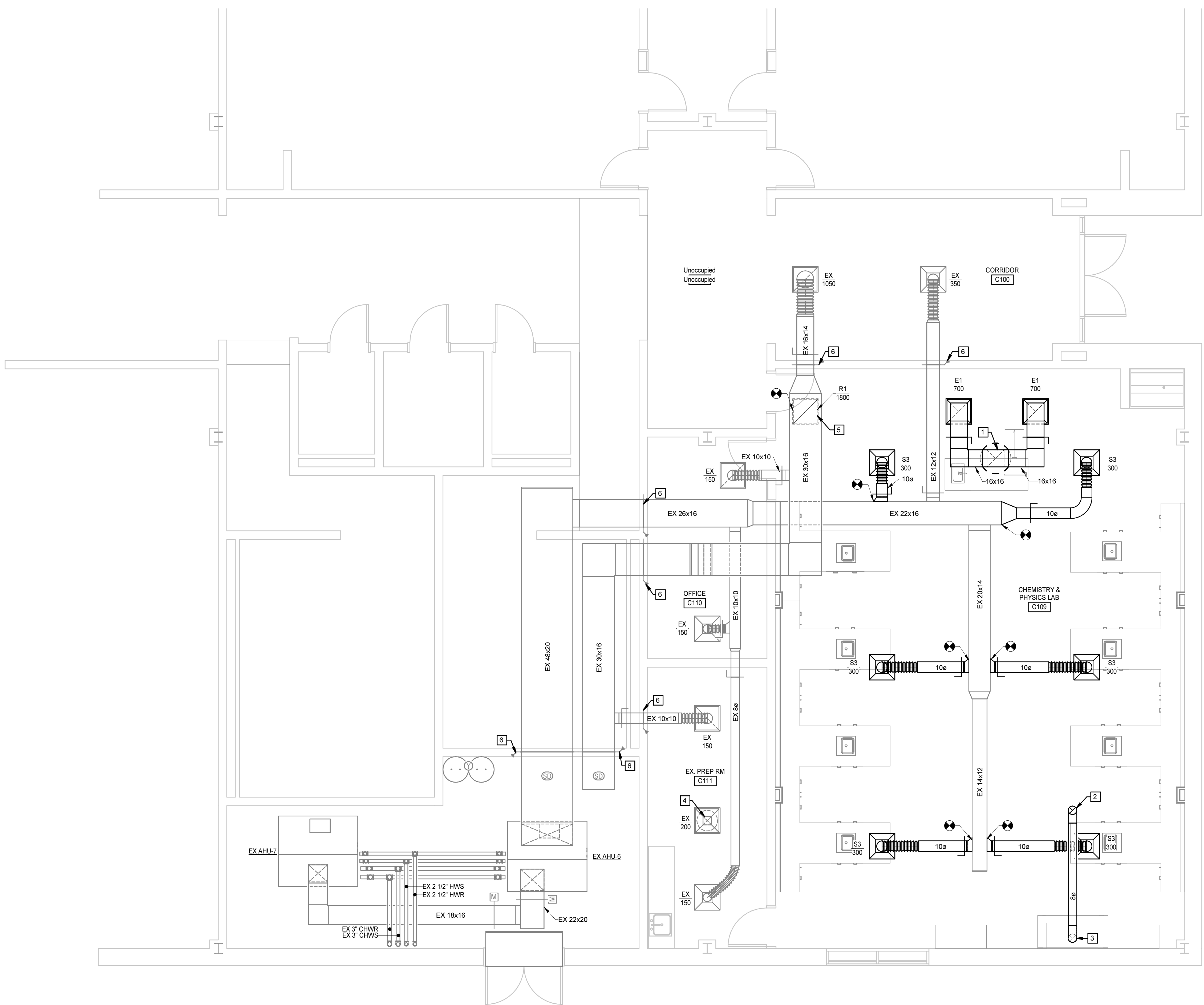
ROOF PLAN -
SOUTHEAST HALIFAX
HIGH SCHOOL

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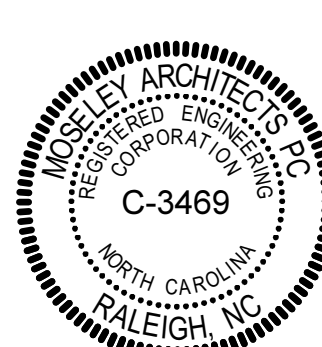
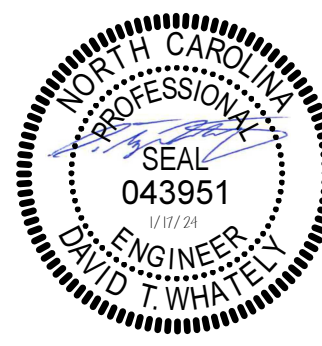


 **FLOOR PLAN - NORTHWEST HALIFAX HIGH SCHOOL**
1/4" = 1'-0"

KEYNOTES	
APPLIES TO THIS DRAWING	
1	16x16 UP TO NWHS F-1 ON ROOF.
2	8e UP TO NWHS F-2 ON ROOF.
3	8e DOWN TO FUME HOOD.
4	EX 8x8 UP TO EXHAUST FAN F-9.
5	22x22 DOWN TO GRILLE WITH MANUAL BALANCING DAMPER IN VERTICAL.
6	VERIFY OPERATION OF EXISTING FIRE DAMPER.

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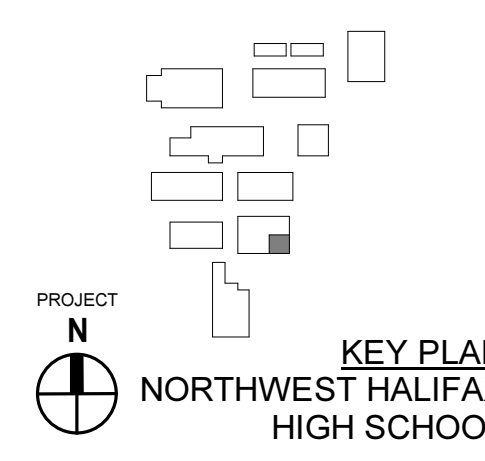
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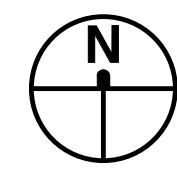
FLOOR PLAN - NORTHWEST HALIFAX HIGH SCHOOL

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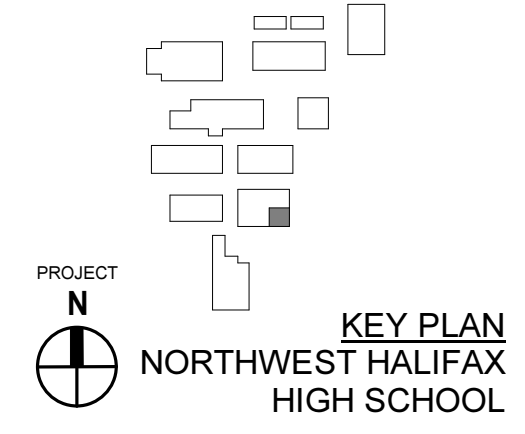
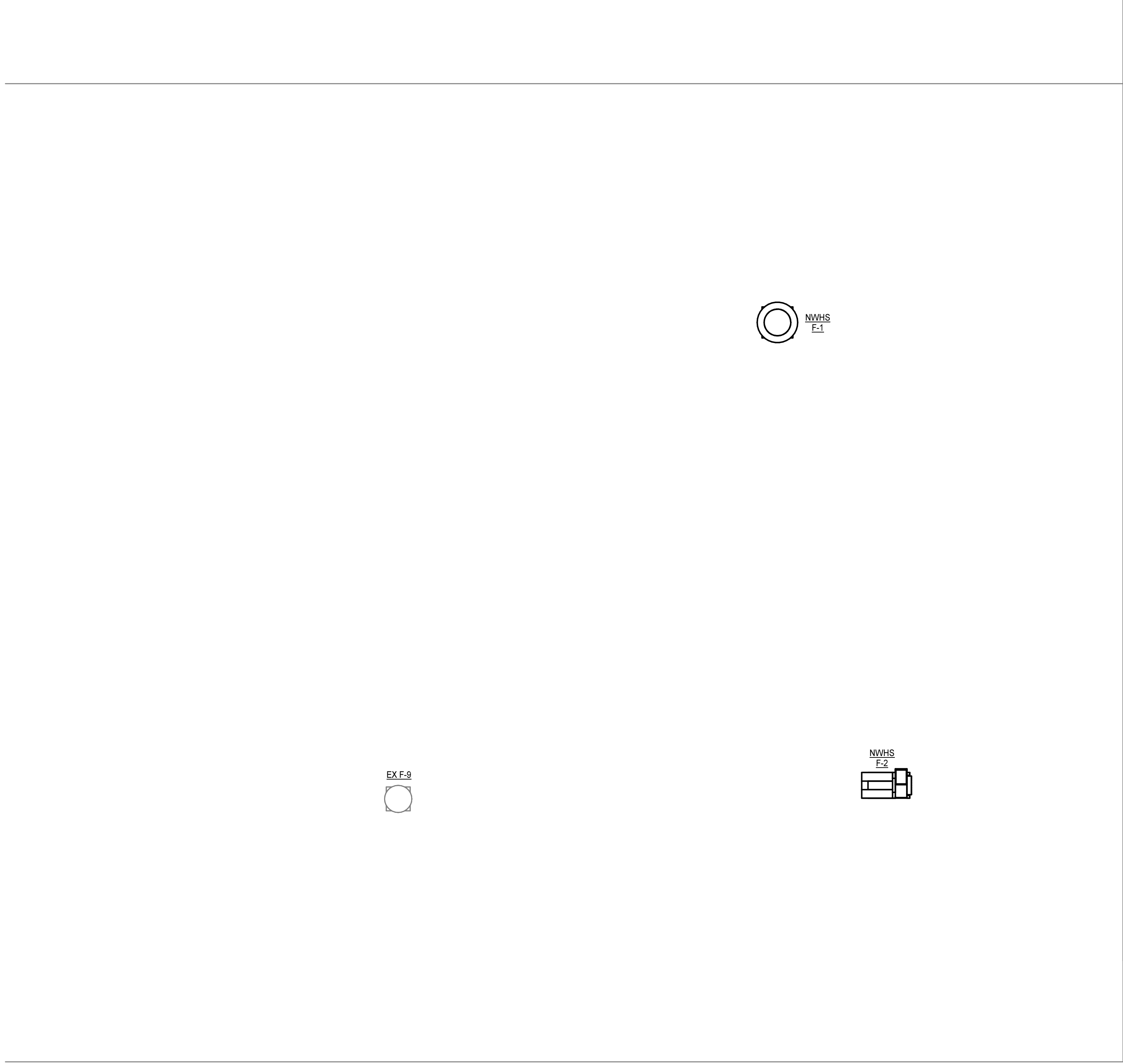
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ROOF PLAN - NORTHWEST HALIFAX HIGH SCHOOL

1/4" = 1'-0"



PROJECT NORTHWEST HALIFAX HIGH SCHOOL

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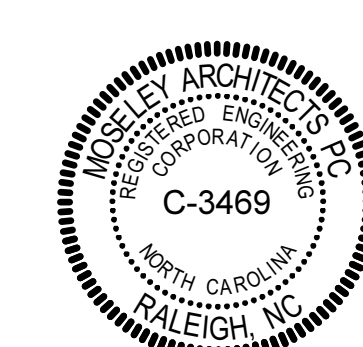
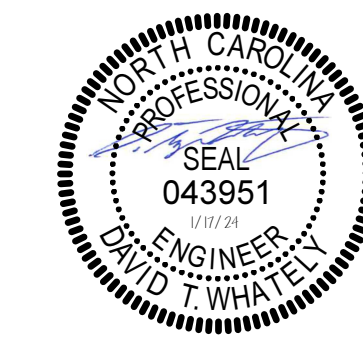
ROOF PLAN -
 NORTHWEST HALIFAX
 HIGH SCHOOL

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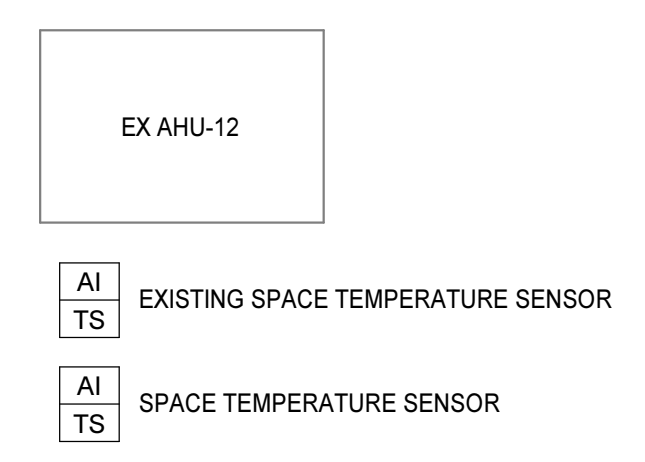


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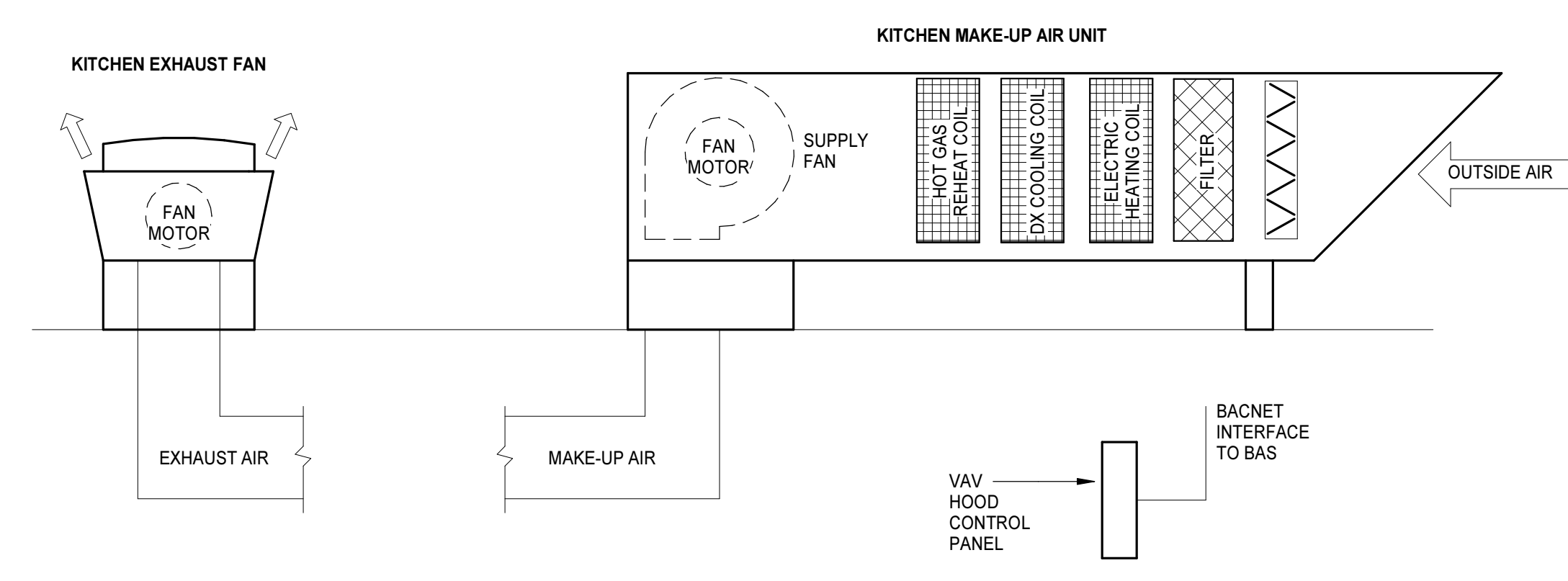


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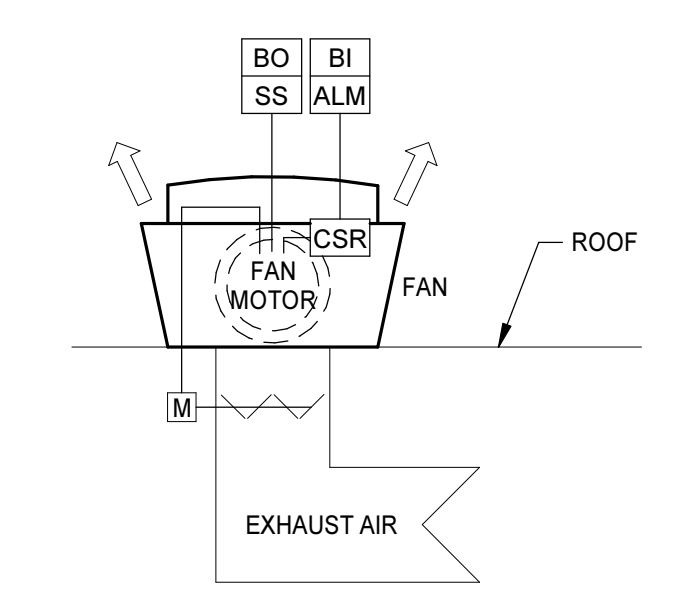
PROVIDE TEMPERATURE SENSOR IN CULINARY LAB FOR EXISTING AHU-12. AVERAGE TEMPERATURE IN 269 CULINARY LAB AND WITH TEMPERATURE FROM EXISTING SENSOR IN 270 FUTURE CAFE TO CONTROL EXISTING AHU-12.

EXISTING AHU-12 CONTROLS

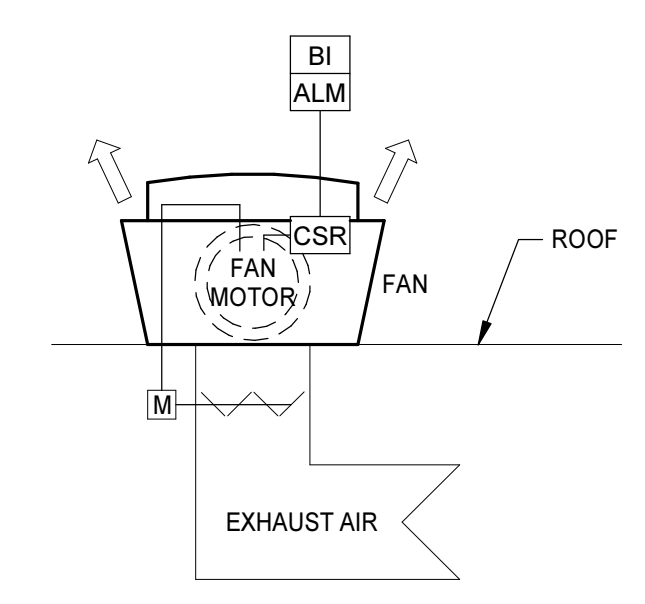


NOTE: CONTROLS FOR KITCHEN HOOD FAN AND MAKE-UP AIR UNIT BY KITCHEN HOOD MANUFACTURER. PROVIDE BACNET INTERFACE TO BAS.

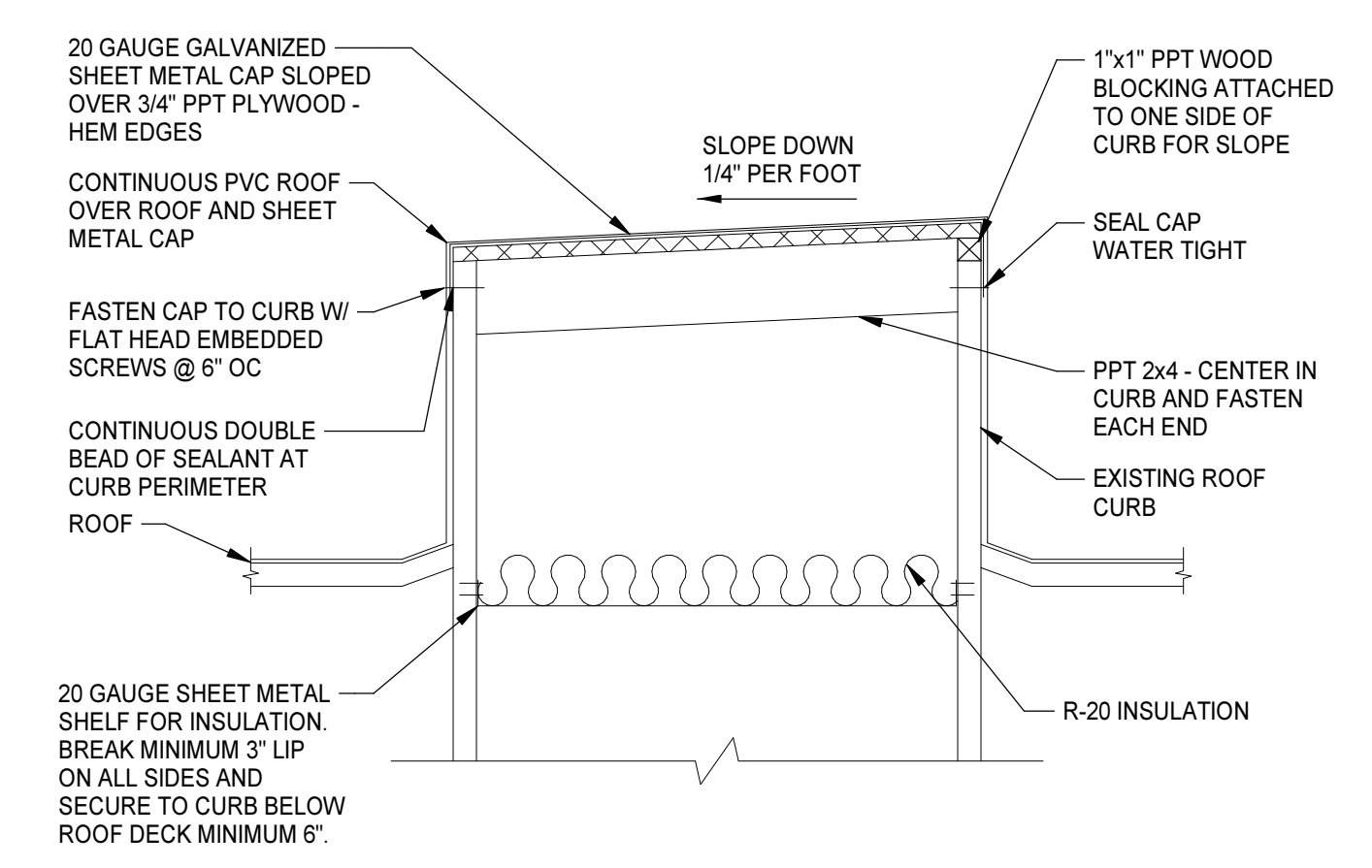
MAKE-UP AIR HANDLING UNIT & EXHAUST FAN VAV HOOD CONTROLLED



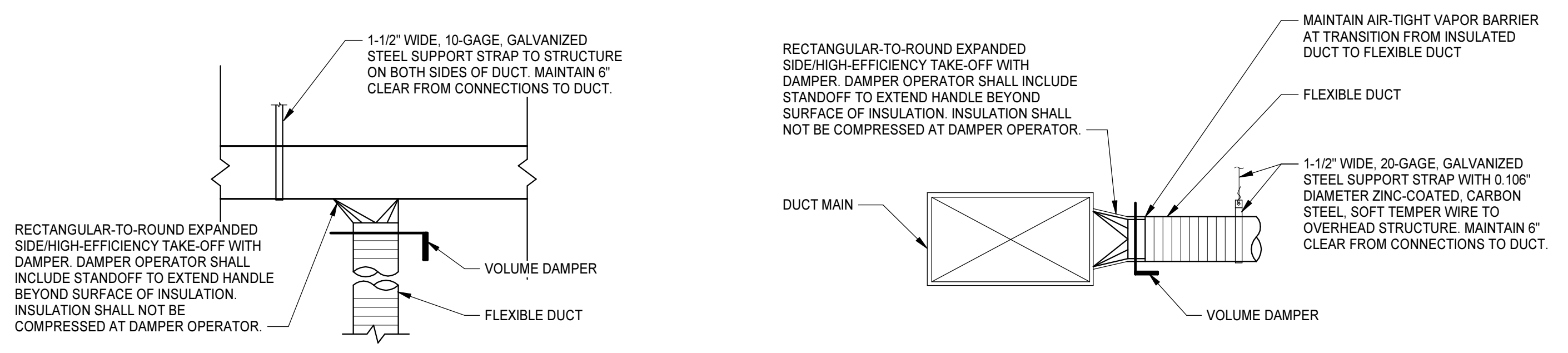
EXHAUST FAN - PREP ROOM



EXHAUST FAN - WALL SWITCH CONTROL

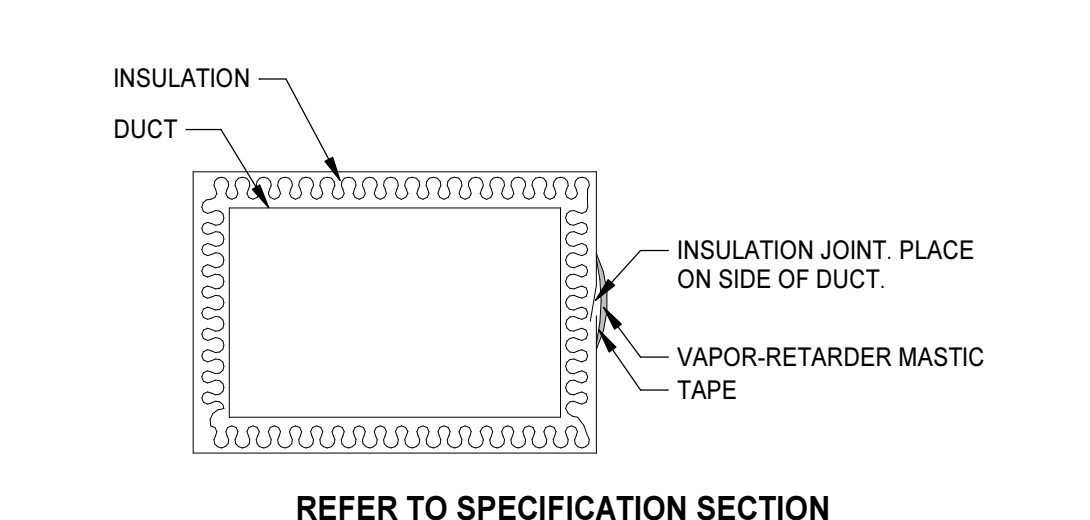


EXISTING ROOF CURB CAP DETAIL



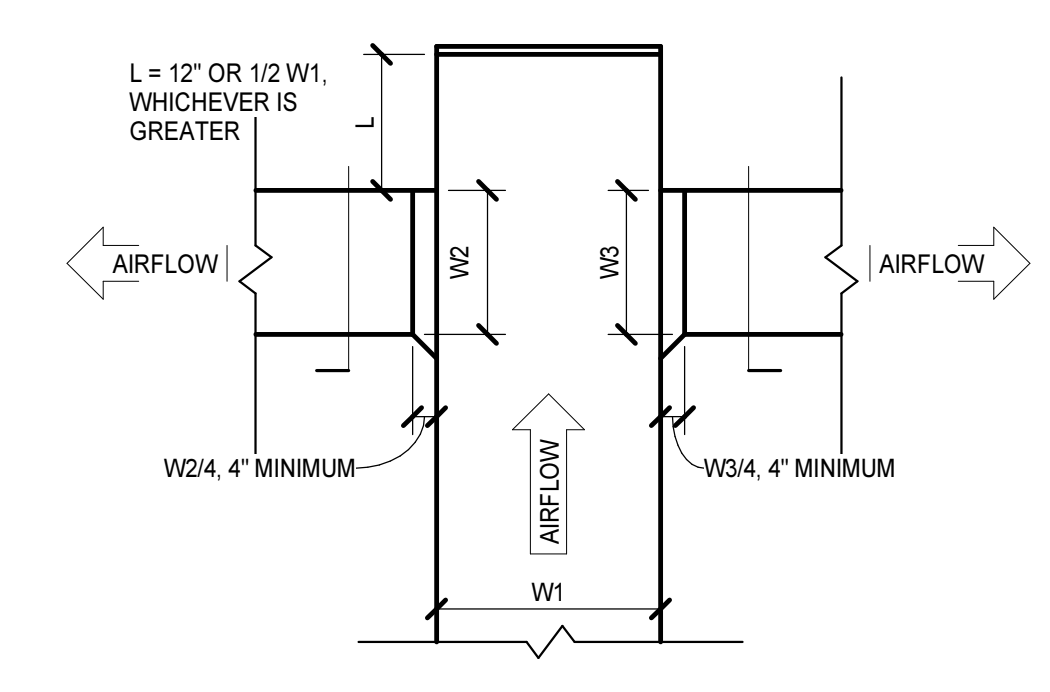
NOTES:
1. FLEXIBLE DUCT SHALL BE INSTALLED OVER METAL DUCT (BEAD UP ON METAL DUCT) AND ANCHORED WITH NYLON MECHANICAL BANDS OR PANDUIT STRAP.
2. IN EXPOSED AREAS, PROVIDE RIGID GALVANIZED STEEL BRANCH DUCT TO DIFFUSERS IN LIEU OF FLEXIBLE DUCT UNLESS INDICATED OTHERWISE. SUPPORT IN ACCORDANCE WITH REQUIREMENTS SPECIFIED FOR METAL DUCTS.

BRANCH CONNECTION TO DIFFUSER DETAILS



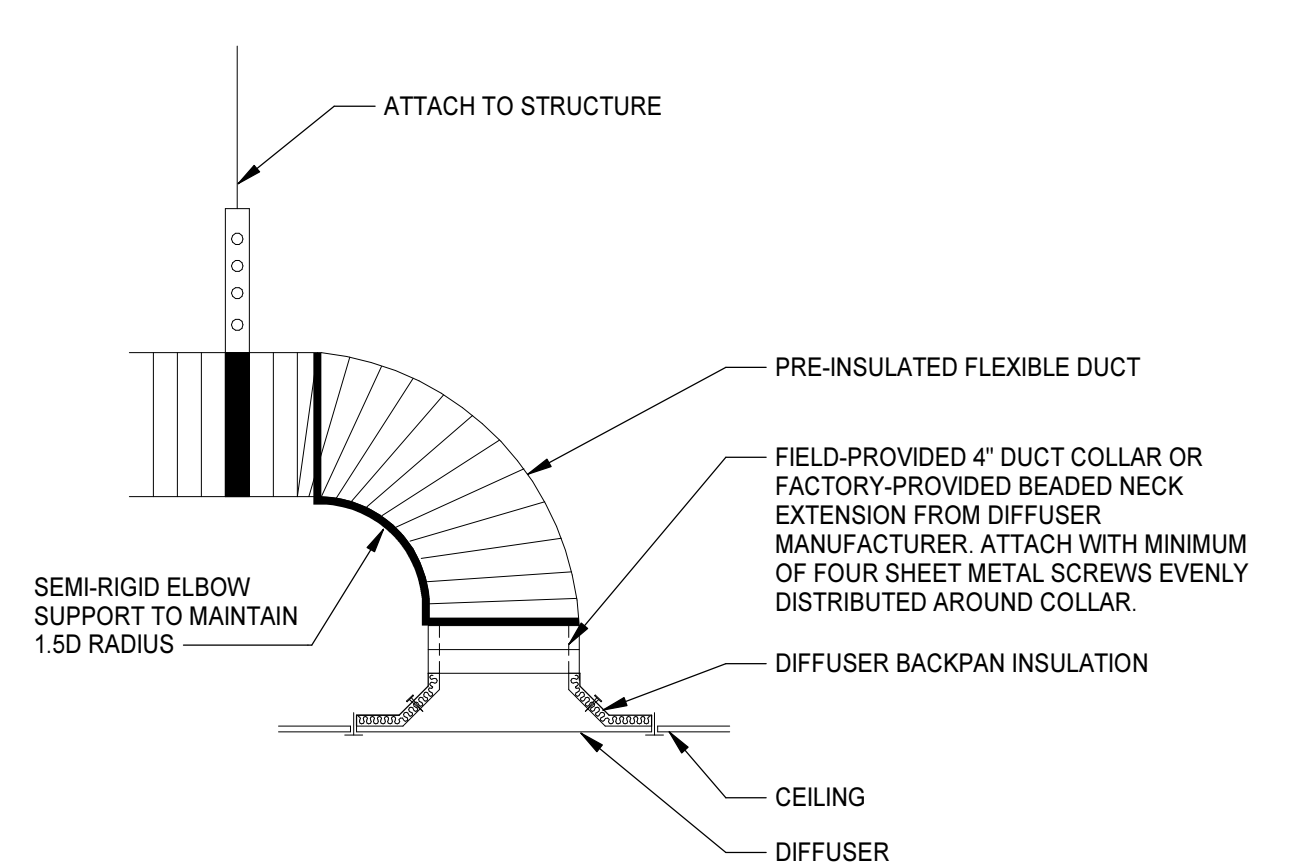
REFER TO SPECIFICATION SECTION 230700 FOR ADDITIONAL INFORMATION.

DUCT INSULATION JOINT DETAIL

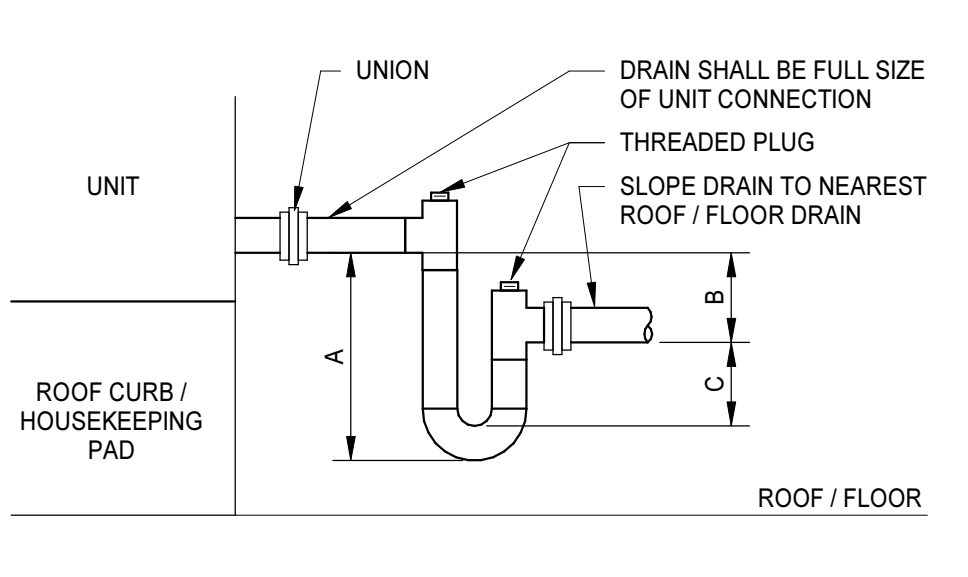


NOTE:
1. REFER TO BRANCH CONNECTION TO DIFFUSER DETAILS FOR BRANCH TAKE-OFF REQUIREMENTS.

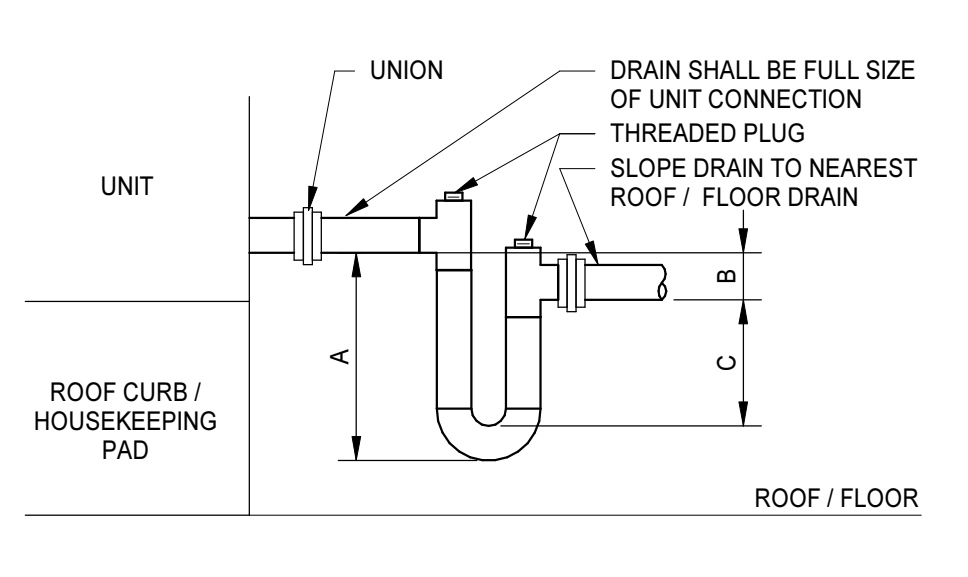
END OF DUCT MAIN DETAIL



FLEXIBLE DUCT TO DIFFUSER CONNECTION DETAIL

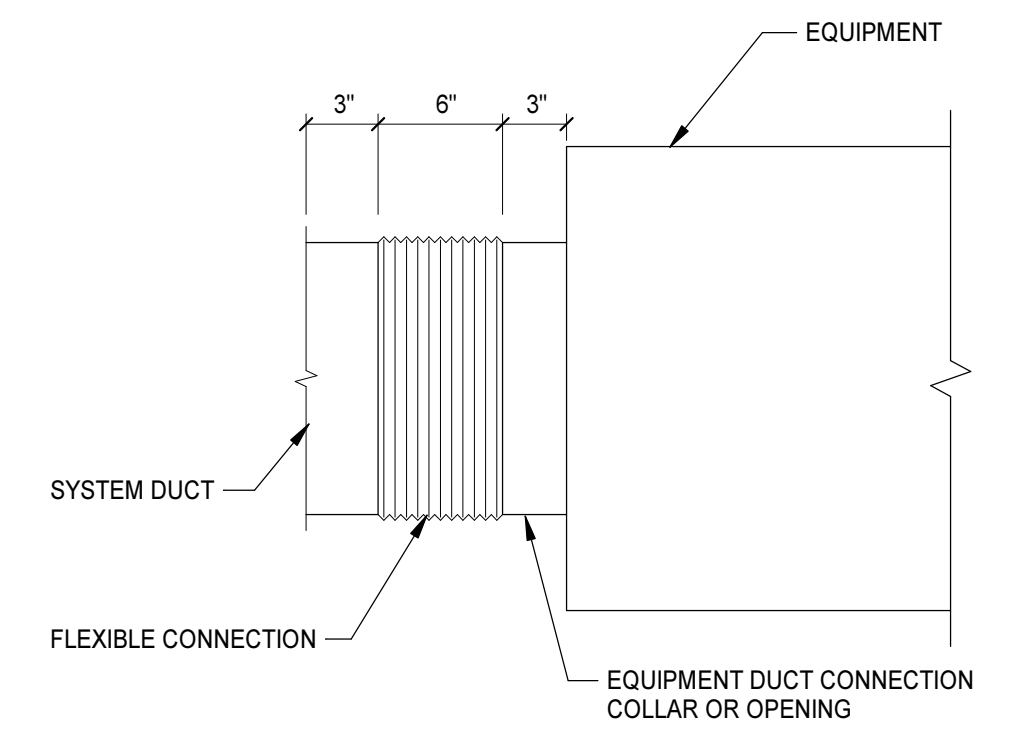


NEGATIVE PRESSURE TRAP
A = B + C + PIPE DIAMETER WHERE:
B = 1" FOR EACH INCH OF NEGATIVE STATIC PRESSURE + 1"
C = 1/2 OF B



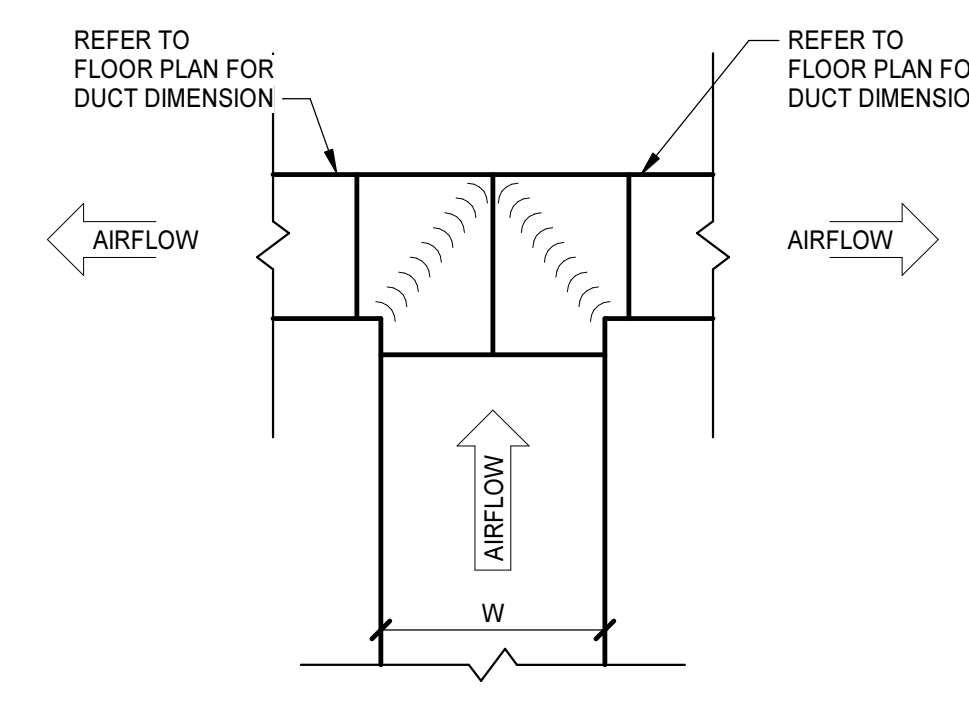
POSITIVE PRESSURE TRAP
A = B + C + PIPE DIAMETER WHERE:
B = 1" MINIMUM
C = 1" + MAXIMUM UNIT POSITIVE STATIC PRESSURE AT COIL DISCHARGE

CONDENSATE DRAIN PIPING DETAIL



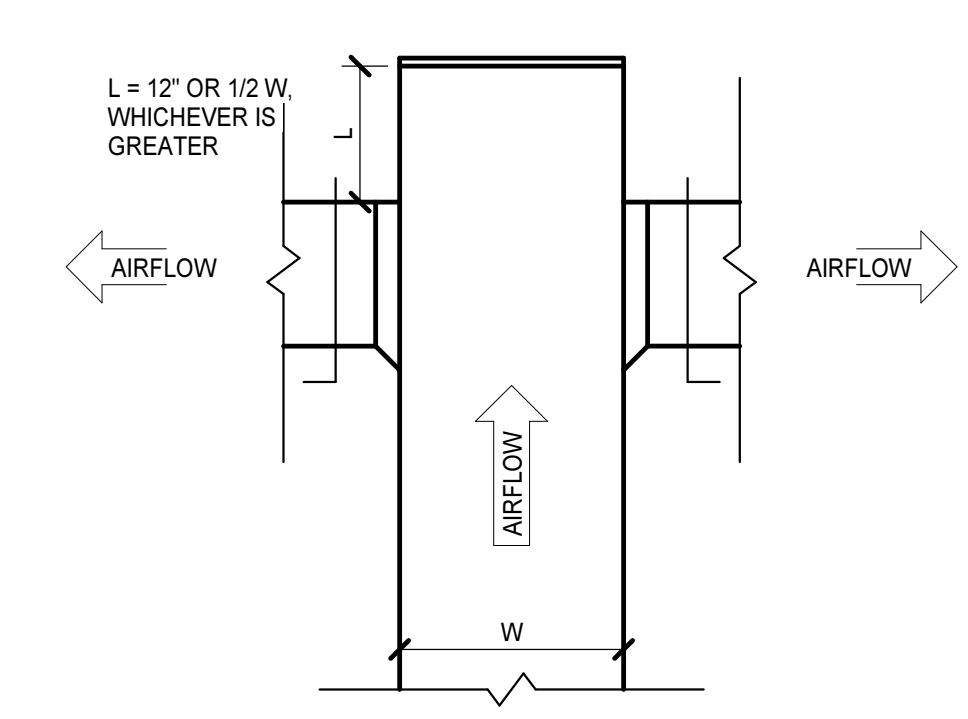
NOTE: THIS DETAIL APPLIES TO ALL DUCT CONNECTIONS TO AIR HANDLING UNITS AND FANS UNLESS OTHERWISE INDICATED.

EQUIPMENT DUCT CONNECTION DETAIL



NOTES:
1. APPLIES WHERE "W" EXCEEDS 24" OR WHEN AIRFLOW EXCEEDS 1,500 CFM.

DIVIDED FLOW BRANCH DETAILS



NOTES:
1. REFER TO BRANCH CONNECTION TO DIFFUSER DETAILS FOR BRANCH TAKE-OFF REQUIREMENTS.
2. APPLIES TO:
A. WHERE "W" IS LESS THAN 24"
B. ROUND DUCT BRANCHES TO DIFFUSERS
C. WHEN AIRFLOW IS EQUAL TO OR LESS THAN 1,500 CFM.

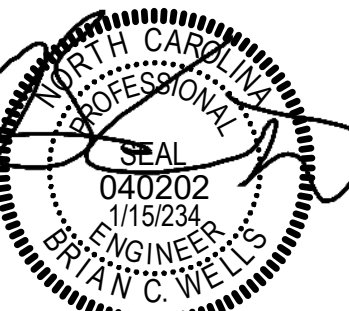


Table with 2 columns: DATE, DESCRIPTION

GENERAL NOTES

- A. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL... B. FOLLOW MOUNTING HEIGHTS INDICATED IN THE ELECTRICAL LEGEND... C. FIELD VERIFY EXACT FEEDER LOCATIONS... D. EQUIPMENT CONNECTIONS ARE INDICATED IN THEIR APPROXIMATE LOCATIONS... E. LOCATED ALL SWITCHES FOR LOCAL CONTROL OF LIGHTING... F. PROVIDE SPECIFIC BREAKER ARRANGEMENT FOR THE PANEL BOARDS... G. PROVIDE AS-BUILT DRAWINGS INDICATING ACTUAL BRANCH CIRCUIT ARRANGEMENT... H. ALL CONDUIT RUNS INDICATED ARE DIAGRAMMATIC... I. ALL PANELBOARDS INDICATED ARE HOUSED IN A SINGLE WIDTH ENCLOSURE... J. WHERE POWER AND COMMUNICATION OUTLETS ARE INDICATED IN CLOSE PROXIMITY... K. ALL EXTERIOR RECEPTACLES SHALL BE LABELED "WR" - WEATHER RESISTANT... L. WHEN GROUPING MULTIPLE LINE TO NEUTRAL BRANCH CIRCUITS IN A CONDUIT... M. PROVIDE A 2" WIDE YELLOW LINE PAINTED ON THE FLOOR INDICATING THE ELECTRICAL WORKING SPACE...

ABBREVIATIONS

Table with 2 columns: SYMBOL, DESCRIPTION. Lists abbreviations like 1P, 3P, 3R, A, AFF, AL, etc.

LIGHTING LEGEND

- SYMBOL DESCRIPTION
S LIGHT SWITCH, RATED 120/277 VOLTS, 20-AMPS, MOUNT AT +3'-10" AFF... 3 INDICATES 3-WAY LIGHT SWITCH... 4 INDICATES 4-WAY LIGHT SWITCH... D INDICATES DIMMER SWITCH... P INDICATES PILOT LIGHT... K INDICATES KEY OPERATED LIGHT SWITCH... OS INDICATES SWITCH WITH INTEGRAL OCCUPANCY SENSOR... OD INDICATES DIMMER SWITCH WITH INTEGRAL OCCUPANCY SENSOR... OS 2 INDICATES DUAL RELAY INTEGRAL OCCUPANCY SENSOR... LOWER CASE LETTER INDICATES LIGHT FIXTURE CONTROL DESIGNATION... INDICATES SWITCHES WIRED FOR INBOARD/OUTBOARD SWITCHING... OMNI-DIRECTIONAL LIGHTING CONTROL OCCUPANCY DETECTOR... DIRECTIONAL LIGHTING CONTROL OCCUPANCY DETECTOR... PHOTOELECTRIC CELL FOR LIGHTING CONTROL... LIGHT FIXTURE, CEILING MOUNT... LIGHT FIXTURE ON EMERGENCY POWER... LIGHTING FIXTURE... LIGHTING FIXTURE ON EMERGENCY POWER... WALL WASHER LIGHTING FIXTURE... LIGHT FIXTURE, WALL MOUNT... EMERGENCY EGRESS LIGHTING FIXTURE... EXIT SIGN, CEILING MOUNT... EXIT SIGN, WALL MOUNT... TRACK LIGHTS... LIGHT FIXTURE, POLE MOUNT... SPORTS LIGHTING POLE

DEMOLITION LEGEND

- SYMBOL DESCRIPTION
REMOVE DEVICES, EQUIPMENT, IN ACCORDANCE WITH THE GENERAL DEMOLITION NOTES.
DEVICES ARE EXISTING TO REMAIN.
WITHIN HATCHED AREAS, DISCONNECT AND REMOVE ALL ELECTRICAL MATERIALS INCLUDING BUT NOT LIMITED TO LIGHTS, DEVICES, EQUIPMENT, SPEAKERS, FIRE ALARM, COMMUNICATIONS, AND CIRCUITRY.

GENERAL DEMOLITION NOTES

- A. PROVIDE ALL ELECTRICAL DEMOLITION WORK REQUIRED TO INSTALL THE WORK INDICATED... B. REMOVE ALL EXISTING CONDUITS THAT WILL NOT BE REUSED... C. MAINTAIN CONTINUITY OF ALL EXISTING CIRCUITS... D. BEFORE DEMOLITION, VERIFY WITH THE OWNER ALL EQUIPMENT TO BE SALVAGED... E. EXERCISE CARE IN REMOVING DEMOLITION ITEMS... F. DRAWINGS ARE BASED UPON EXISTING PLANS AND FIELD INVESTIGATION... G. WHERE DEMOLITION OF TELECOMMUNICATIONS DEVICES OCCUR... H. DEMOLITION FLOOR PLANS ARE PROVIDED FOR REFERENCE ONLY...

POWER DEVICE / EQUIPMENT LEGEND

- SYMBOL DESCRIPTION
NOTE: REFER TO "TYPICAL DEVICE ELEVATION DETAIL" FOR DEVICE MOUNTING REQUIREMENTS... OVERHEAD DOOR CONTROLLER... DOORBELL PUSH BUTTON... EMERGENCY POWER OFF (E.P.O) SWITCH... HANDICAP DOOR OPERATOR SWITCH... NOTE: REFER TO "TYPICAL DEVICE ELEVATION DETAIL" FOR DEVICE MOUNTING REQUIREMENTS... NON-FUSIBLE DISCONNECT SWITCH... FUSIBLE DISCONNECT SWITCH... ENCLOSED CIRCUIT BREAKER... MANUAL MOTOR STARTER... MAGNETIC MOTOR STARTER... COMBINATION MAGNETIC STARTER... NOTE: REFER TO "TYPICAL DEVICE ELEVATION DETAIL" FOR DEVICE MOUNTING REQUIREMENTS... DOORBELL CHIME... FLUSH VALVE TRANSFORMER POWER CONNECTION... ISOLATION VALVE... EQUIPMENT POWER CONNECTION... MOTOR POWER CONNECTION... MOTOR RATED SWITCH... LINE VOLTAGE THERMOSTAT... POWER FOR DIV 23 MOTORIZED DAMPER... NON-METALLIC SURFACE RACEWAY... PANELBOARD OR SWITCHBOARD... TRANSFORMER... UTILITY METER... FEEDER TAG... BRANCH CIRCUIT RUN CONCEALED... BRANCH CIRCUIT HOME RUN

POWER / COMMUNICATION DEVICE LEGEND

- SYMBOL DESCRIPTION
POWER/COMMUNICATIONS RECESSED FLOOR BOX... POWER/COMMUNICATIONS POKE THRU FLOOR BOX... SYSTEM FURNITURE FLEX POWER CABLE CONNECTION VIA FLOOR BOX... SYSTEM FURNITURE FLEX POWER CABLE CONNECTION VIA FLUSH WALL BOX... POWER/COMMUNICATIONS POWER POLE... POWER AND COMMUNICATIONS FOR CEILING MOUNTED VIDEO PROJECTOR... RECEPTACLE MOUNTED BESIDE TELECOMMUNICATION OUTLET... RECEPTACLE AND TELECOMMUNICATION OUTLET MOUNTED INSIDE WALL MOUNTED FLAT DISPLAY BOX... SYSTEM FURNITURE FLEX POWER CABLE CONNECTION VIA FLOOR BOX... SYSTEM FURNITURE FLEX POWER CABLE CONNECTION VIA FLUSH WALL BOX... POWER/COMMUNICATIONS RECESSED FLOOR BOX OR POKE THRU CONNECTED TO EMERGENCY POWER... PROTECTIVE COVER FOR RECEPTACLE AND TELECOMMUNICATION OUTLET... PLUG LOAD CONTROLLED RECEPTACLE MOUNTED BESIDE TELECOMMUNICATION OUTLET... RECEPTACLE WITH USB PORTS MOUNTED BESIDE TELECOMMUNICATION OUTLET

FIRE ALARM LEGEND

- SYMBOL DESCRIPTION
FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE... FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE... FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE WITH DEVICE GUARD... FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE WITH DEVICE GUARD... FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE, CEILING MOUNTED... FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE, CEILING MOUNTED... FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE WITH DEVICE GUARD... FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE WITH DEVICE GUARD... FIRE ALARM MANUAL PULL STATION... FIRE ALARM KEY OPERATED MANUAL PULL STATION... FIRE ALARM DUCT SMOKE DETECTOR... SMOKE DETECTOR... HEAT DETECTOR... FIRE ALARM TAMPERSwitch... FIRE ALARM FLOW SWITCH... FIRE ALARM PRESSURE SWITCH... FIRE ALARM REMOTE INDICATOR... FIRE ALARM MONITOR MODULE... FIRE ALARM CONTROL MODULE... FIRE ALARM SPRINKLER BELL... FIRE ALARM MAGNETIC DOOR HOLDER... FIRE ALARM DOOR HOLDER/CLOSER HARDWARE... FIRE ALARM POWER CONNECTION... FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE WITH DEVICE GUARD... FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE WITH DEVICE GUARD... FIRE ALARM AUDIO/VISUAL NOTIFICATION DEVICE WITH DEVICE GUARD... FIRE ALARM VISUAL STROBE NOTIFICATION DEVICE WITH DEVICE GUARD... FIRE ALARM MANUAL PULL STATION... FIRE ALARM KEY OPERATED MANUAL PULL STATION... FIRE ALARM DUCT SMOKE DETECTOR... SMOKE DETECTOR... HEAT DETECTOR... FIRE ALARM TAMPERSwitch... FIRE ALARM FLOW SWITCH... FIRE ALARM PRESSURE SWITCH... FIRE ALARM REMOTE INDICATOR... FIRE ALARM MONITOR MODULE... FIRE ALARM CONTROL MODULE... FIRE ALARM SPRINKLER BELL... FIRE ALARM MAGNETIC DOOR HOLDER... FIRE ALARM DOOR HOLDER/CLOSER HARDWARE... FIRE ALARM POWER CONNECTION

ONE LINE DIAGRAM LEGEND

- SYMBOL DESCRIPTION
CIRCUIT BREAKER
FUSED SWITCH
TRANSFORMER
TRANSFER SWITCH
FEEDER DESIGNATION
CURRENT TRANSFORMER
POTENTIAL TRANSFORMER

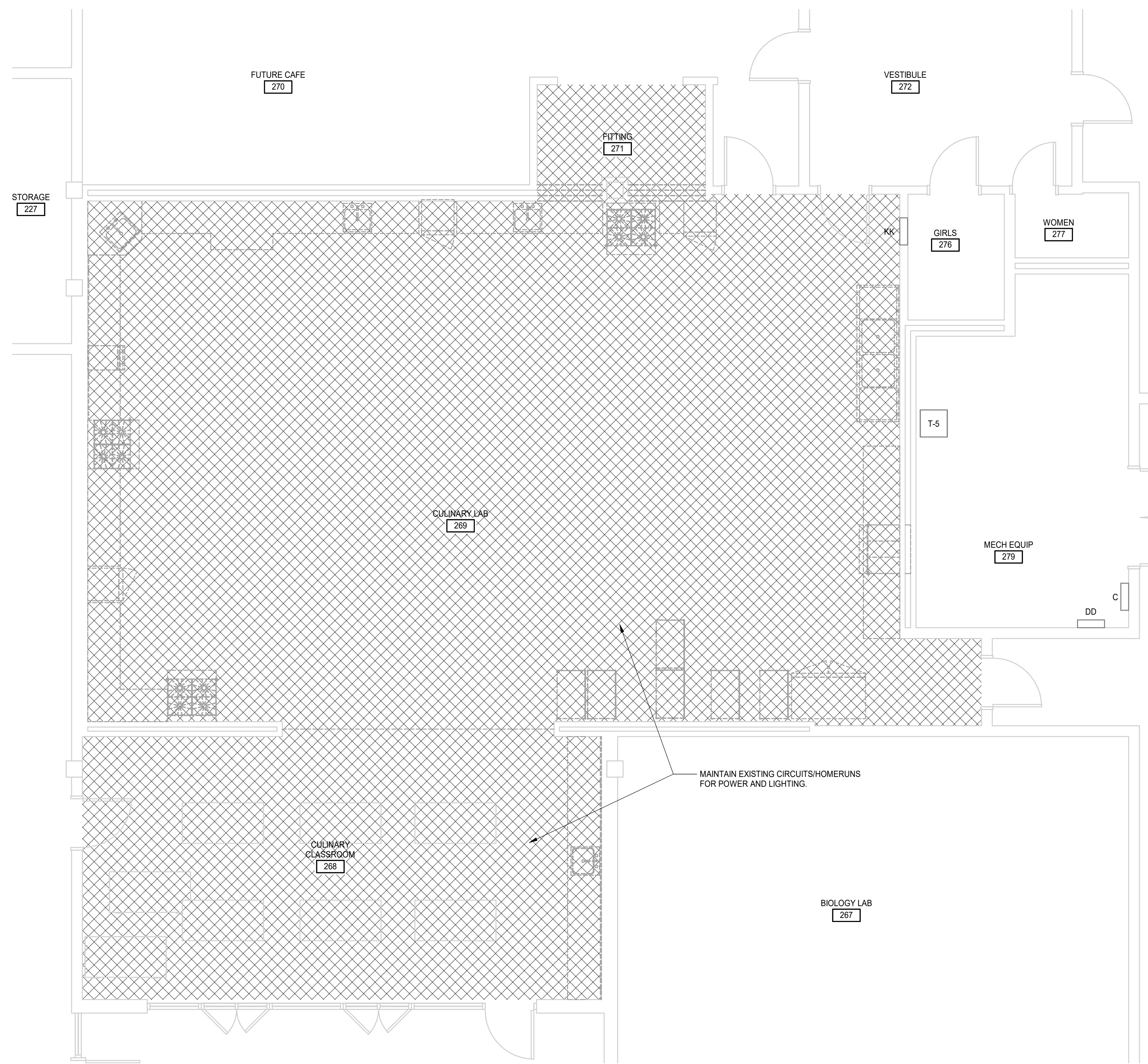
RECEPTACLE DEVICE LEGEND

- SYMBOL DESCRIPTION
NOTE: REFER TO "TYPICAL DEVICE ELEVATION DETAIL" FOR DEVICE MOUNTING REQUIREMENTS... APPLIANCE RECEPTACLE... DUPLEX RECEPTACLE... DOUBLE DUPLEX RECEPTACLE... GFCI DUPLEX RECEPTACLE... SINGLE RECEPTACLE... SWITCHED DUPLEX RECEPTACLE WITH SPLIT YOK... NOTE: REFER TO "TYPICAL DEVICE ELEVATION DETAIL" FOR DEVICE MOUNTING REQUIREMENTS... DUPLEX RECEPTACLE... DOUBLE DUPLEX RECEPTACLE... GFCI DUPLEX RECEPTACLE... SINGLE RECEPTACLE... NOTE: REFER TO "TYPICAL DEVICE ELEVATION DETAIL" FOR DEVICE MOUNTING REQUIREMENTS... DUPLEX RECEPTACLE... DOUBLE DUPLEX RECEPTACLE... GFCI DUPLEX RECEPTACLE... SINGLE RECEPTACLE... NOTE: MOUNT THE FOLLOWING DEVICES AS NOTED... DUPLEX RECEPTACLE... DOUBLE DUPLEX RECEPTACLE... DOUBLE DUPLEX RECEPTACLE... CORD REEL OUTLET... SYMBOL VARIATIONS DESCRIPTION... RECEPTACLE CONNECTED TO EMERGENCY POWER... GFCI RECEPTACLE CONNECTED TO EMERGENCY POWER... PROTECTIVE COVER FOR RECEPTACLE... PLUG LOAD CONTROLLED RECEPTACLE... RECEPTACLE WITH USB PORTS

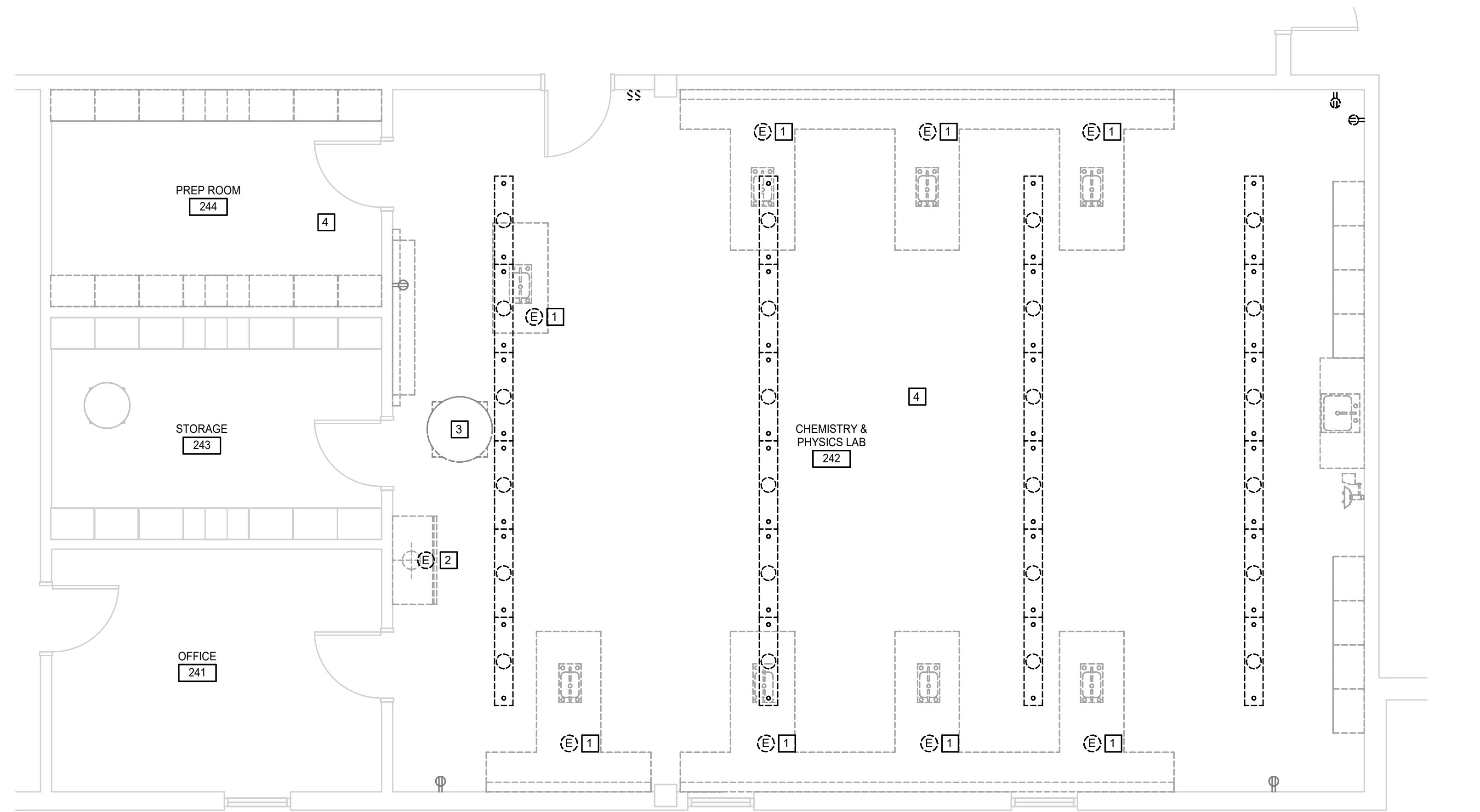
GRAPHICS SYMBOLS LEGEND

- SPACE IDENTIFICATION TAG
SECTION WHERE CUT
ENLARGED PLAN WHERE CUT
DETAIL TAG
DETAIL TITLE
SECTION TITLE

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DEMOLITION PLAN - SOUTHEAST HS - CULINARY LAB
1/4" = 1'-0"

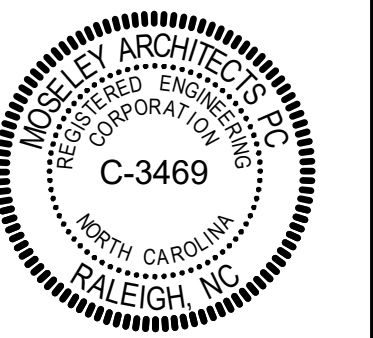
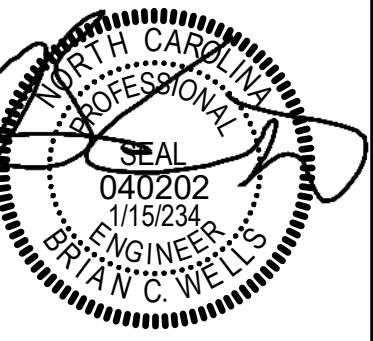


DEMOLITION PLAN - SOUTHEAST HS - SCIENCE LAB
1/4" = 1'-0"

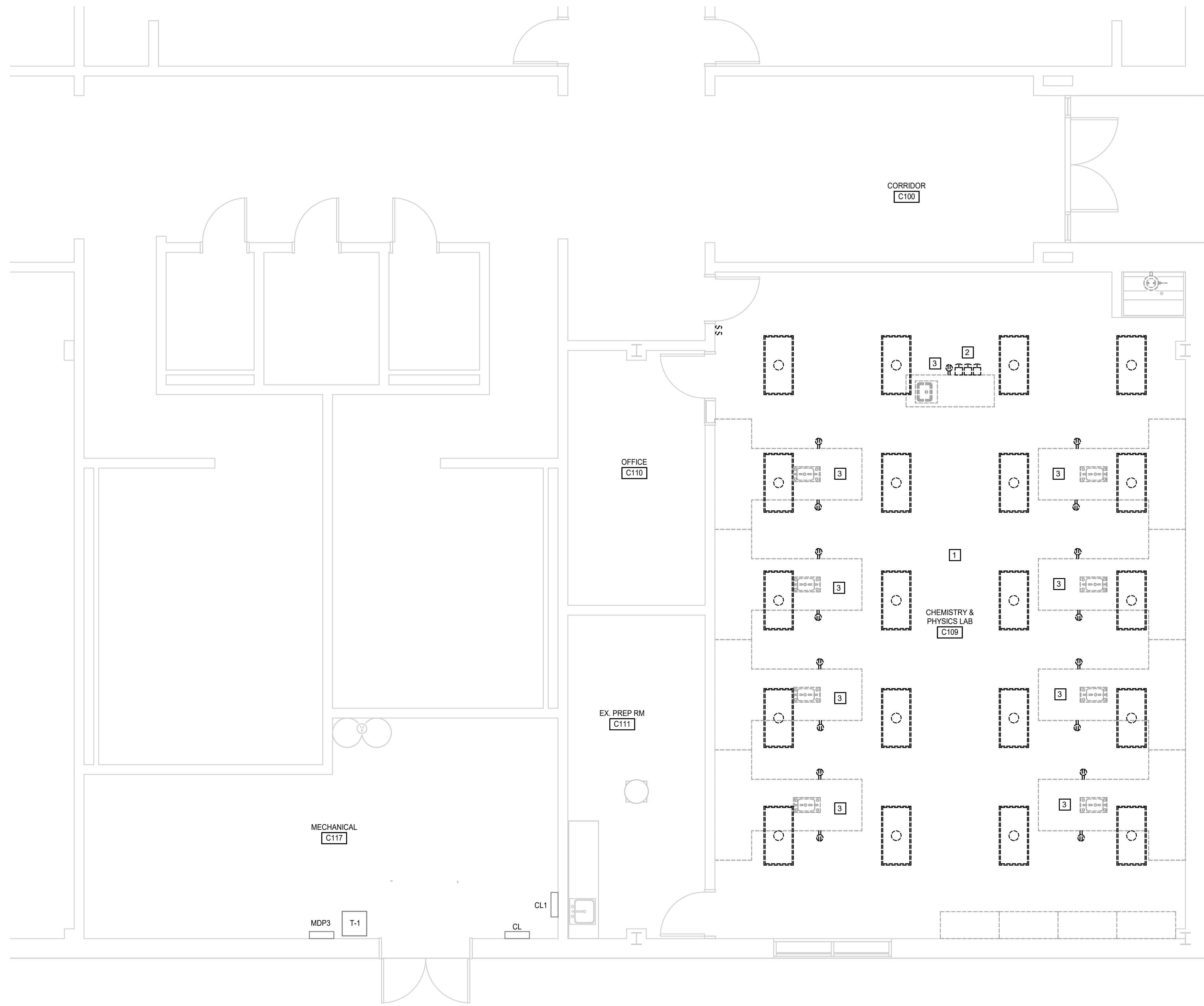
KEYNOTES

APPLIES TO THIS DRAWING

- 1 DISCONNECT RECEPTACLE BRANCH CIRCUIT SERVING LAB CASEWORK TO ACCOMMODATE REPLACEMENT. MAINTAIN BRANCH CIRCUIT FOR REUSE.
- 2 DISCONNECT FUME HOOD BRANCH CIRCUIT IN ITS ENTIRETY TO ACCOMMODATE REPLACEMENT.
- 3 DISCONNECT MECHANICAL EQUIPMENT BRANCH CIRCUIT. MAINTAIN FOR REUSE.
- 4 DISCONNECT AND REMOVE ALL LIGHT FIXTURES AND SWITCHING IN THIS ROOM. MAINTAIN BRANCH CIRCUIT HOMERUN FOR REUSE.

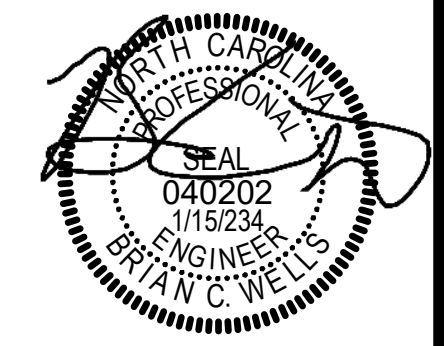


PROJECT NO:	630516
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REVISIONS	
DATE	DESCRIPTION

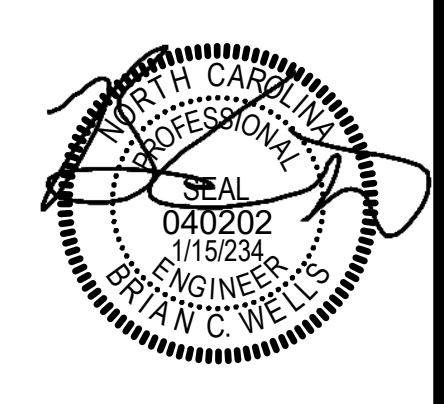


KEYNOTES	
APPLIES TO THIS DRAWING	
1	DISCONNECT AND REMOVE ALL LIGHT FIXTURES AND SWITCHING IN THIS ROOM, MAINTAIN BRANCH CIRCUIT HOMERUN FOR REUSE.
2	DISCONNECT & REMOVE E.P.O. BUTTON IN ITS ENTIRETY. PREPARE EXISTING CKTS CL-13 & CL-24 FOR INTERCEPTION AND EXTENSION TO CONTACTOR.
3	DISCONNECT & REMOVE RECEPTACLE BRANCH CIRCUIT SERVING LAB CASEWORK IN ITS ENTIRETY.

 **DEMOLITION PLAN - NORTHWEST HS - SCIENCE LAB**
1/4" = 1'-0"



PROJECT NO:	630516
DATE:	JANUARY 17, 2024
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DATE	DESCRIPTION

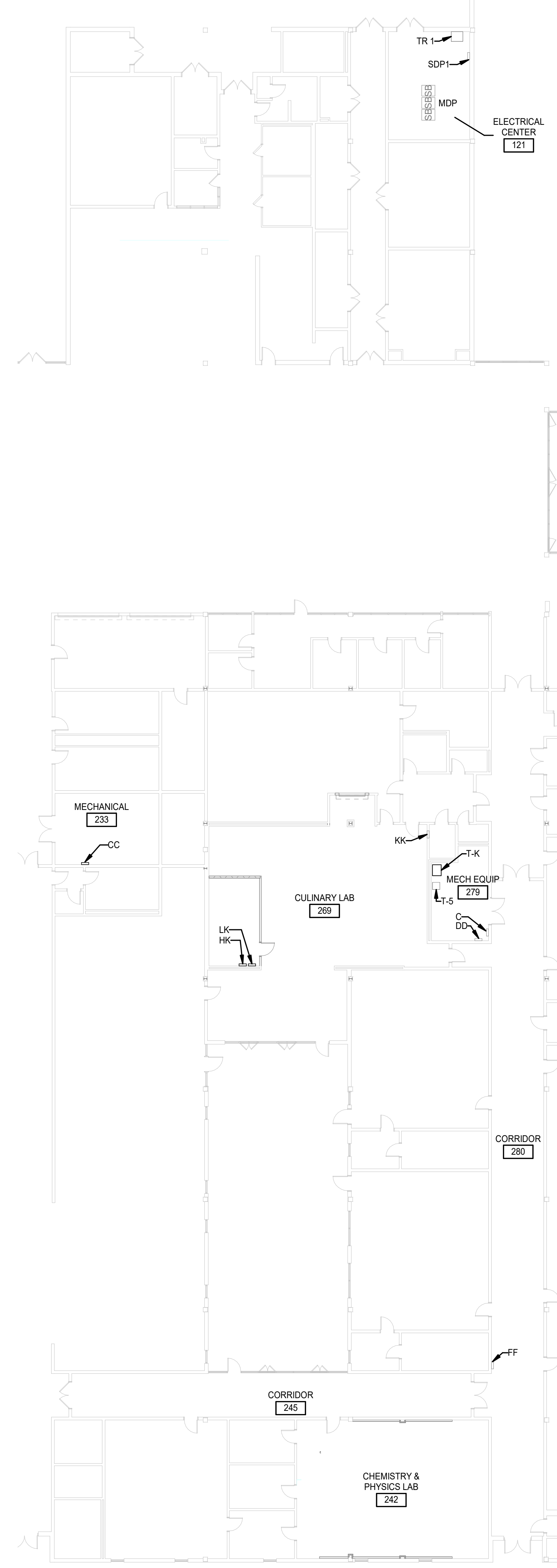
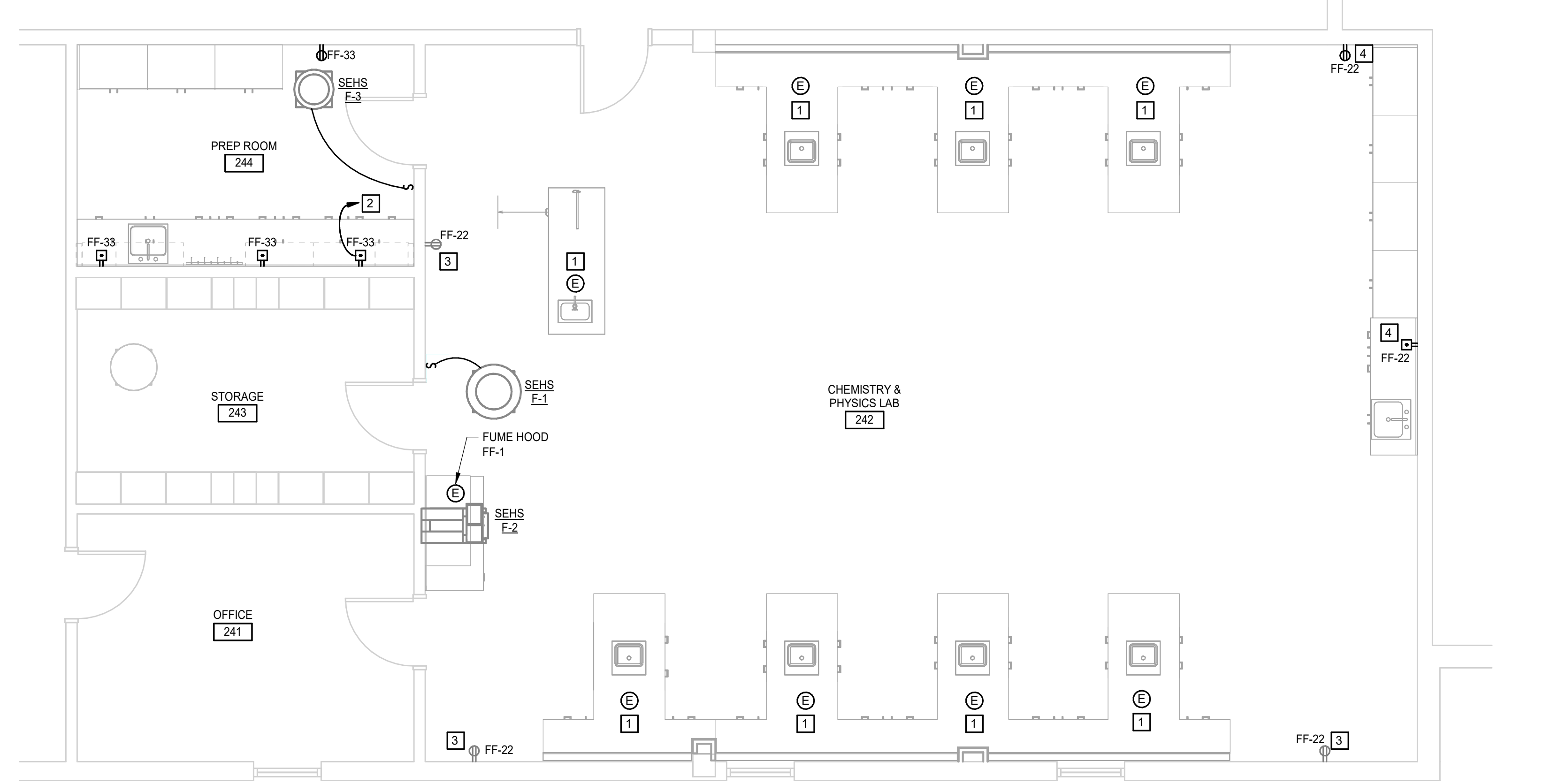
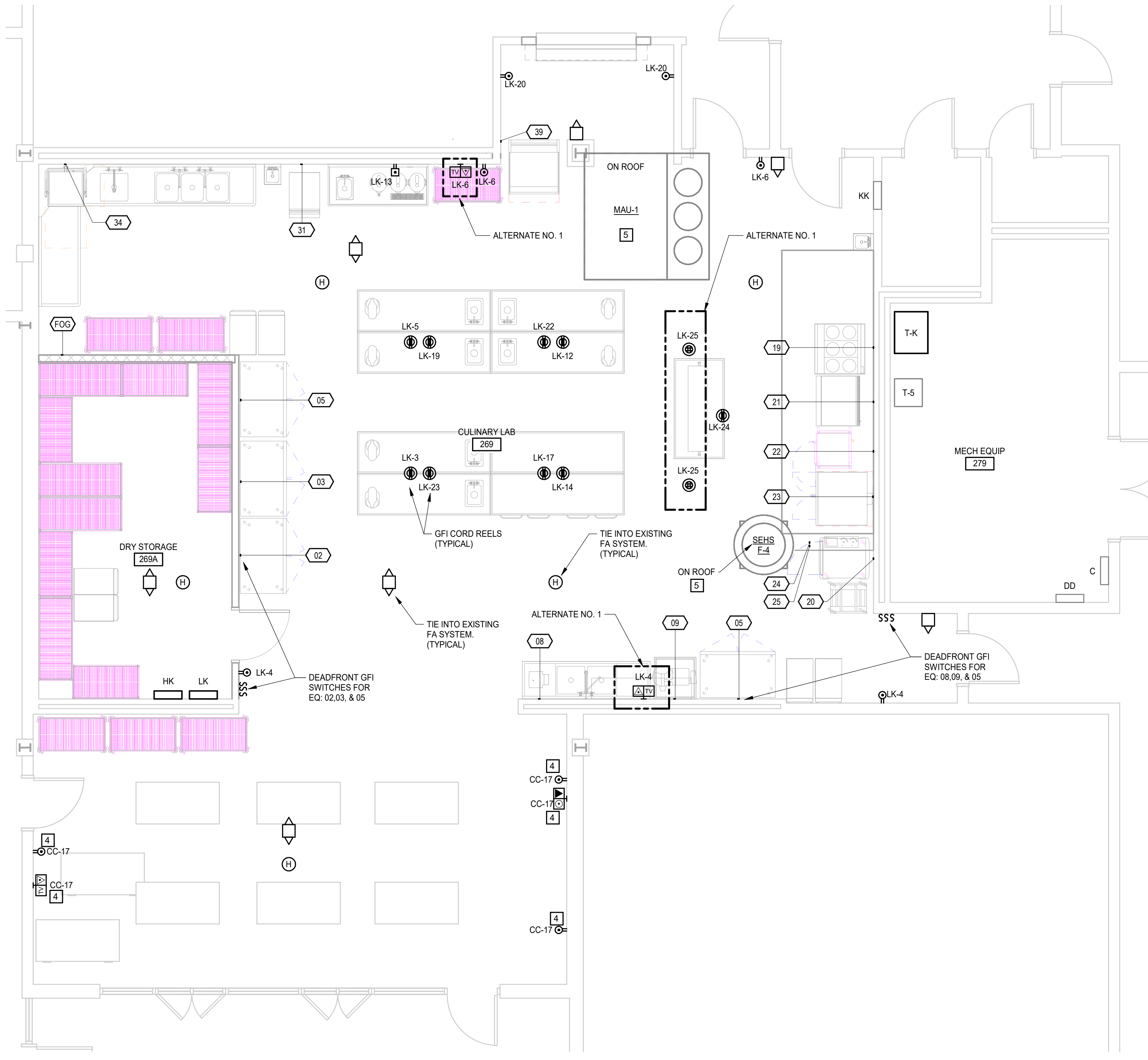
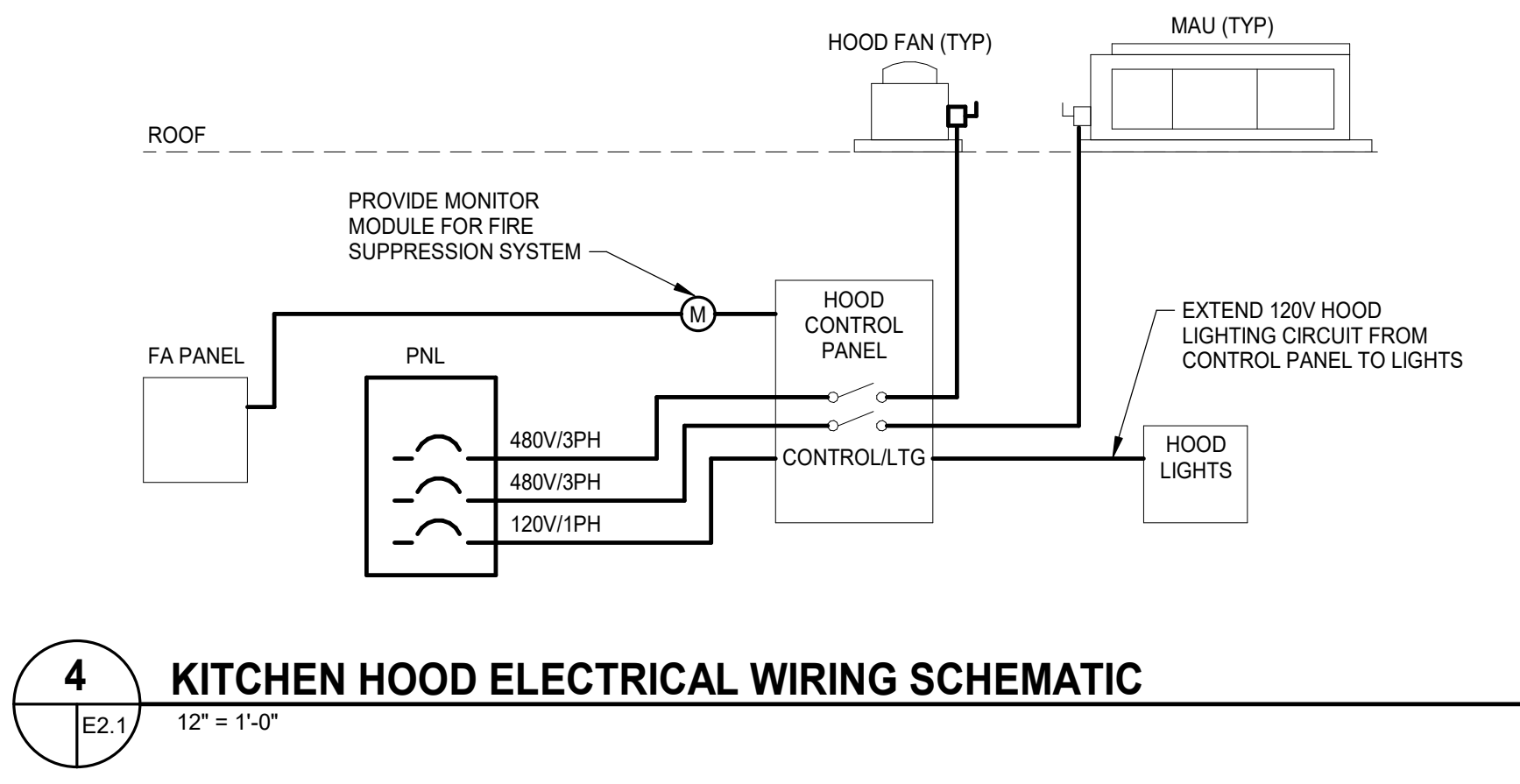


PROJECT NO:	630516
DATE:	JANUARY 17, 2024
REVISIONS	
DATE	DESCRIPTION

KEYNOTES	
APPLIES TO THIS DRAWING	
1	RECONNECT BRANCH CIRCUIT SERVING LAB CASEWORK. 3-#12'S IN 3/4" C
2	PROVIDE 20A 120V GFCI BREAKER IN PANEL "FF" - 3-#12'S IN 3/4" C
3	REPLACE EXISTING RECEPTACLES. POWER FROM CIRCUIT MADE AVAILABLE DURING DEMO. REWORK CABLING AS NECESSARY. 3-#12'S IN 3/4" C.
4	EXTEND EXISTING CIRCUIT TO RECEPTACLE. 3-#12'S IN 3/4" C
5	VERIFY EXISTING WPGFI SERVICE RECEPTACLE ON ROOF IS WITHIN 25' IF NOT PROVIDE AND POWER FROM PANEL LK

FOOD SERVICE EQUIPMENT SCHEDULE									
TAG	DESCRIPTION	VOLTAGE	POLES	LOAD	PANEL	CCT #	WIRE	REMARK	
02	REACH IN REFRIGERATOR	120 V	1	0.42 kVA	LK	21	(2) #12, (1) #12 E.G. IN 3/4" C	NEMA 5-15P	
03	REACH IN FREEZER	120 V	1	0.96 kVA	LK	9	(2) #12, (1) #12 E.G. IN 3/4" C	NEMA 5-15P	
05	REACH IN REFRIGERATOR	120 V	1	0.42 kVA	LK	26	(2) #12, (1) #12 E.G. IN 3/4" C	NEMA 5-15P	
06	REACH IN REFRIGERATOR	120 V	1	0.42 kVA	LK	18	(2) #12, (1) #12 E.G. IN 3/4" C	NEMA 5-15P	
08	FOOD PROCESSOR	120 V	1	1.40 kVA	LK	7	(2) #12, (1) #12 E.G. IN 3/4" C	NEMA 5-15P	
09	FOOD CUTTER	120 V	1	1.10 kVA	LK	10	(2) #12, (1) #12 E.G. IN 3/4" C	NEMA 5-15P	
19	HOT PLATE	208 V	3	13.70 kVA	LK	28, 30, 32	(3) #6, (1) #6 E.G. IN 1" C	NEMA1 3P 60A FUSED DISC	
20	HEATED CABINET	120 V	1	1.80 kVA	LK	16	(2) #12, (1) #12 E.G. IN 3/4" C	NEMA 5-15P	
21	GRIDDLE	208 V	2	9.80 kVA	LK	41, 43	(2) #6, (1) #6 E.G. IN 1" C	NEMA1 2P 60A FUSED DISC	
22	CONVECTION STEAMER	208 V	2	6.00 kVA	LK	27, 29	(2) #6, (1) #10 E.G. IN 1" C	NEMA L6-30P	
23	CONVECTION OVEN	208 V	3	11.10 kVA	LK	33, 35, 37	(3) #6, (1) #10 E.G. IN 1" C	NEMA1 3P 60A FUSED DISC	
24	EXHAUST HOOD	120 V	1	0.50 kVA	LK	1	(2) #12, (1) #12 E.G. IN 3/4" C	HARDWARE MOTOR RATED SWITCH	
25	FIRE SUPPRESSION	120 V	1	0.50 kVA	LK	2	(2) #12, (1) #12 E.G. IN 3/4" C	HARDWARE MOTOR RATED SWITCH	
31	ICE MAKER	120 V	1	1.20 kVA	LK	15	(2) #12, (1) #12 E.G. IN 3/4" C	HARDWARE MOTOR RATED SWITCH	
34	DISHWASHER	208 V	3	19.30 kVA	LK	36, 38, 40	(3) #4, (1) #8 E.G. IN 1-1/4" C	NEMA1 3P 60A FUSED DISC	
39	MERCHANTISER	120 V	1	1.90 kVA	LK	6	(2) #12, (1) #12 E.G. IN 3/4" C	NEMA 5-20P	
FO4	GREASE TRAP ALARM PANEL	120 V	1	0.18 kVA	LK	11	(2) #12, (1) #12 E.G. IN 3/4" C	NEMA 5-15P	

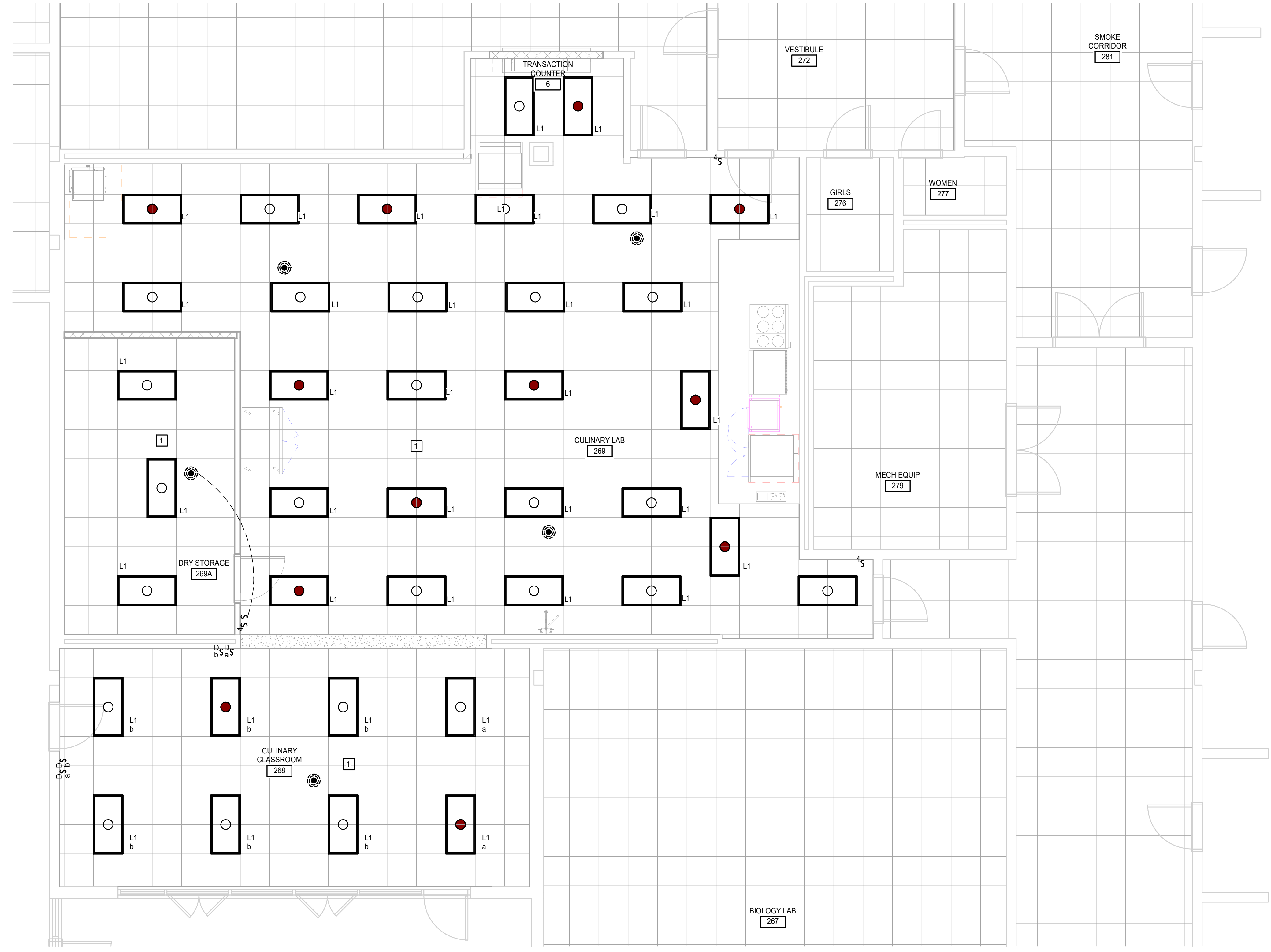
DIV 23 ELECTRICAL CONNECTION SCHEDULE E2.1									
TAG	VOLTAGE	# POLES	LOAD	PANEL	CCT#	WIRE	DISCONNECTING MEANS	REMARKS	
MAU-1	480 V	3	45.0 kVA	HK	2, 4, 6	(3) #4, (1) #8 E.G. IN 1-1/4" C	BY DIV 23	REFER TO KITCHEN HOOD DETAIL	
SEHS F-1	120 V	1	0.3 kVA	FF	32	(2) #12, (1) #12 E.G. IN 3/4" C	MOTOR RATED SWITCH	FAN IS A REPLACEMENT OF LIKE KIND	
SEHS F-2	120 V	1	0.0 kVA	FF	1	(2) #12, (1) #12 E.G. IN 3/4" C	MOTOR RATED SWITCH	ROUTE THROUGH FUME HOOD	
SEHS F-3	120 V	1	0.1 kVA	FF	35	(2) #12, (1) #12 E.G. IN 3/4" C	MOTOR RATED SWITCH	PROVIDE 20A BREAKER IN PANEL	
SEHS F-4	480 V	3	2.8 kVA	HK	8, 10, 12	(3) #12, (1) #12 E.G. IN 3/4" C	30A/NEMA 3R	REFER TO KITCHEN HOOD DETAIL	



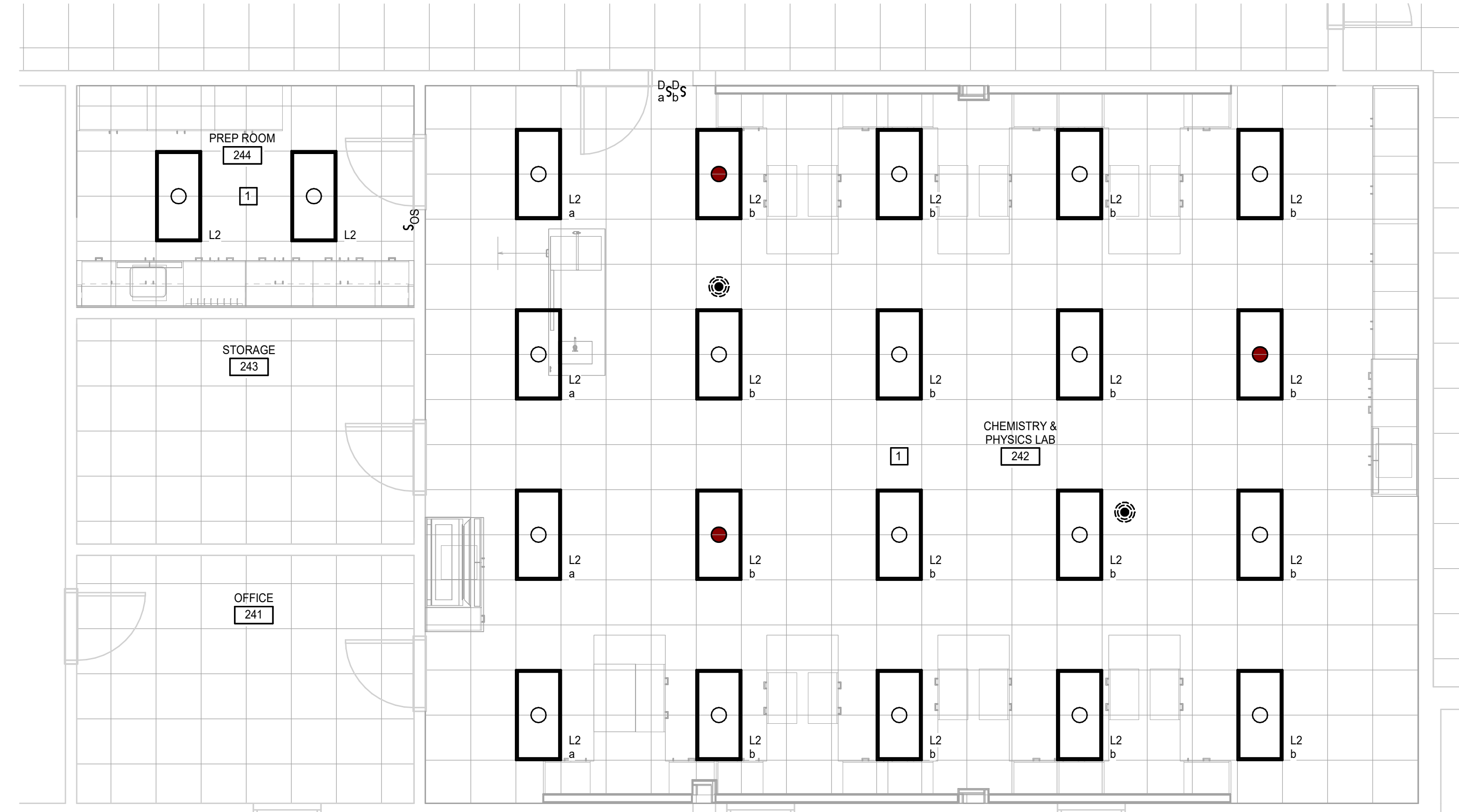
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RCP - SOUTHEAST HS - CULINARY LAB
1/4" = 1'-0"



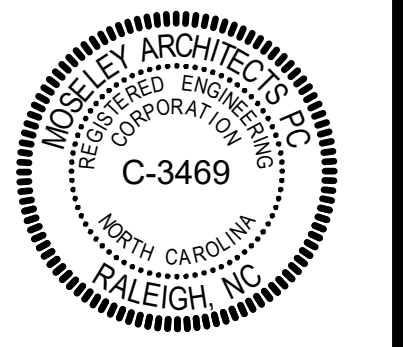
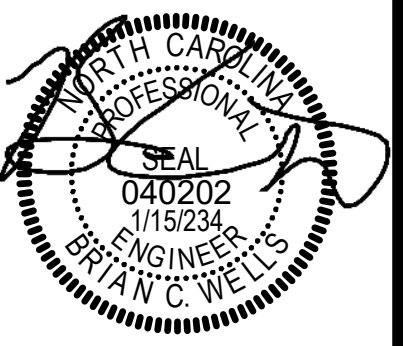
RCP - SOUTHEAST HS - SCIENCE LAB
1/4" = 1'-0"

KEYNOTES
APPLIES TO THIS DRAWING

- 1 PROVIDE LIGHT FIXTURES & SWITCHING AS SHOWN, CONNECT TO EXISTING BRANCH CIRCUIT HOMERUN. 3-#12'S IN 3/4" C.

MOSELEYARCHITECTS

911 N. WEST STREET, SUITE 205 RALEIGH, NORTH CAROLINA, 27603
PHONE (919) 840-0091
MOSELEYARCHITECTS.COM



HALIFAX CO MULTIPLE RENOVATIONS
HALIFAX COUNTY SCHOOLS
16683 NC-125, HALIFAX, NC 27839
8492 NC-48, LITTLETON, NC 27850

PROJECT NO:	630516
DATE:	JANUARY 17, 2024
REVISIONS	
DATE	DESCRIPTION

LIGHTING PLAN - SOUTHEAST HS

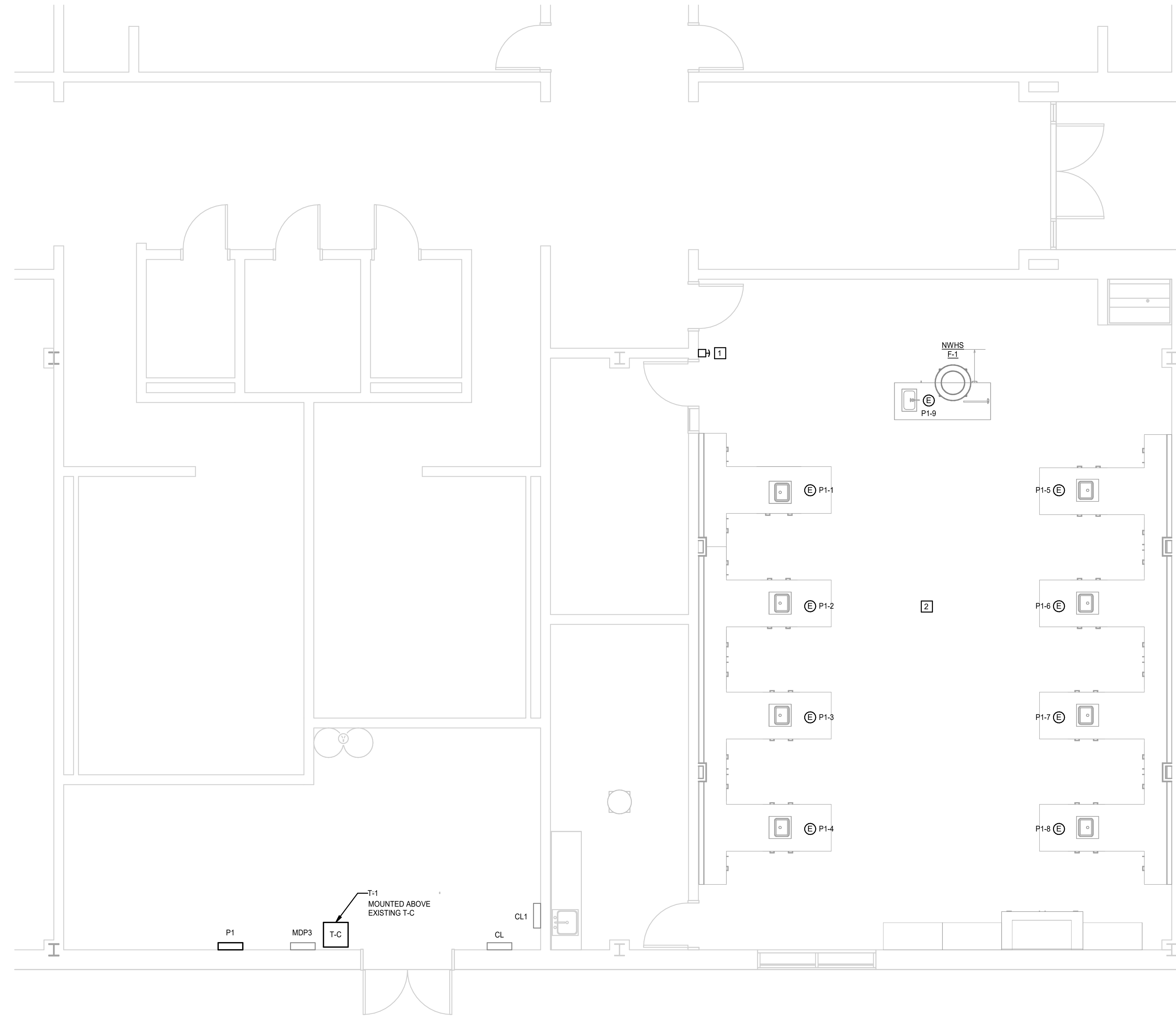
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DIV 23 ELECTRICAL CONNECTION SCHEDULE E2.3						
TAG	VOLTAGE	# POLES	LOAD	PANEL	CCTR	WIRE
NWHS F-1	120 V	1	0.34VA	P1	11	(2) #12, (1) #12 E.G. IN 3/4" C

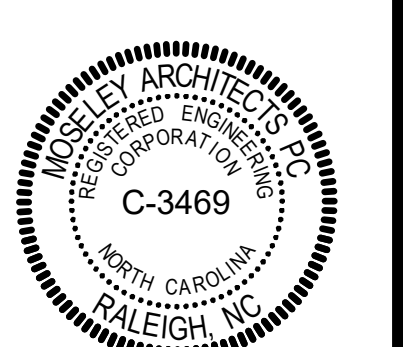
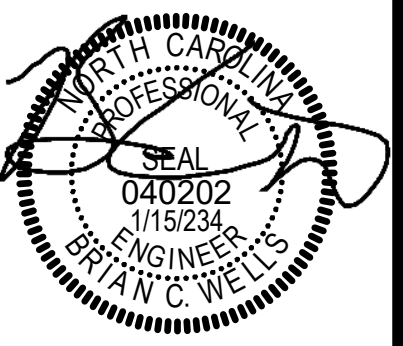
KEYNOTES	
APPLIES TO THIS DRAWING	
1	PROVIDE E.P.O. BUTTON & CONNECT TO 14-POLE CONTACTOR.
2	PROVIDE 14-POLE CONTACTOR, LOCATE ABOVE ACCESSIBLE CEILING & ROUTE ALL P1 CIRCUITS THROUGH CONTACTOR. INTERCEPT CKTS CL1-13 & CL1-24 AND ROUTE THROUGH CONTACTOR.



FLOOR PLAN - NORTHWEST HS
1/4" = 1'-0"

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POWER & COMMUNICATIONS PLAN - NORTHWEST HS

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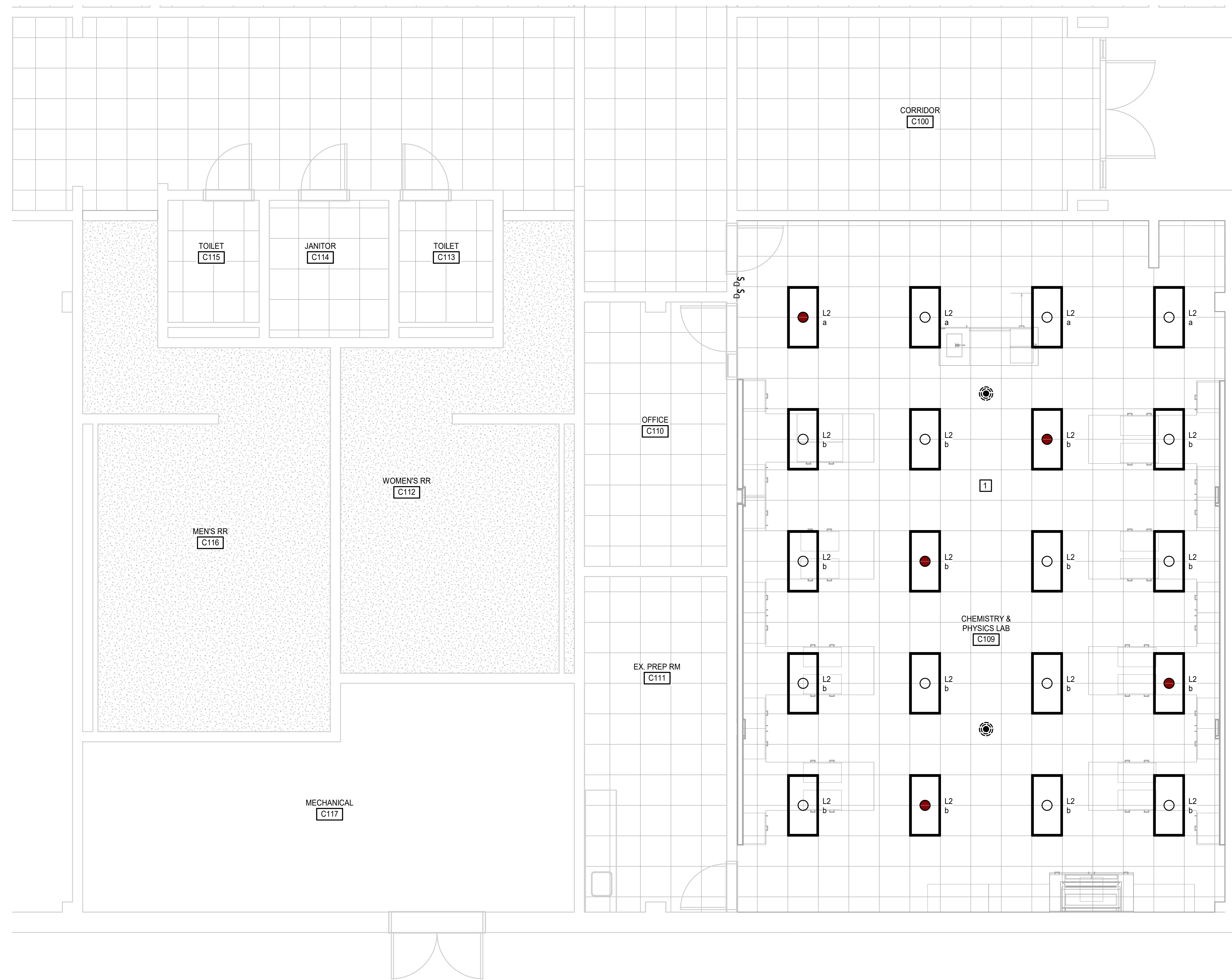
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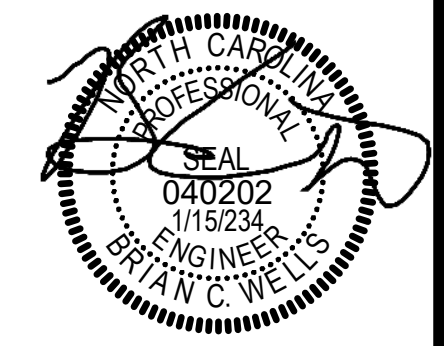
KEYNOTES
 APPLIES TO THIS DRAWING

1 PROVIDE LIGHT FIXTURES & SWITCHING AS SHOWN, CONNECT TO EXISTING BRANCH CIRCUIT HOMERUN, 3-#12'S IN 3/4" C.



 **RCP - NORTHWEST HS - SCIENCE LAB**
 1/4" = 1'-0"

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LIGHTING PLAN - NORTHWEST HS

E2.4

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