

# SCHOOL DISTRICT OF MILTON

# EAST ELEMENTARY - ADDITION & RENOVATION



**PLUNKETT RAYSICH ARCHITECTS, LLP**

209 south water street milwaukee, wisconsin 53204 t 414 359 3060  
 2310 crossroads drive suite 2000 madison, wisconsin 53718 t 608 240 9900  
 1900 main street suite 309 sarasota, florida 54236 t 941 348 3618

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201 NORTH JANESVILLE STREET, MILTON, WI 53563

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000 TITLE SHEET

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## PROJECT INFORMATION

PROJECT DATE: 09-13-19  
 PRA PROJECT NUMBER: 190106-03

DRAWING SET: CONSTRUCTION DOCUMENTS

### APPLICABLE CODES AND ZONING

2018 WISCONSIN COMMERCIAL BUILDING CODE (SPS 361-366)  
 2015 INTERNATIONAL EXISTING BUILDING CODE  
 2015 INTERNATIONAL BUILDING CODE  
 EDUCATION OCCUPANCY, GROUP E  
 ASSEMBLY OCCUPANCY, GROUP A

ZONING: CITY OF MILTON ORDINANCES, RESIDENTIAL R-3

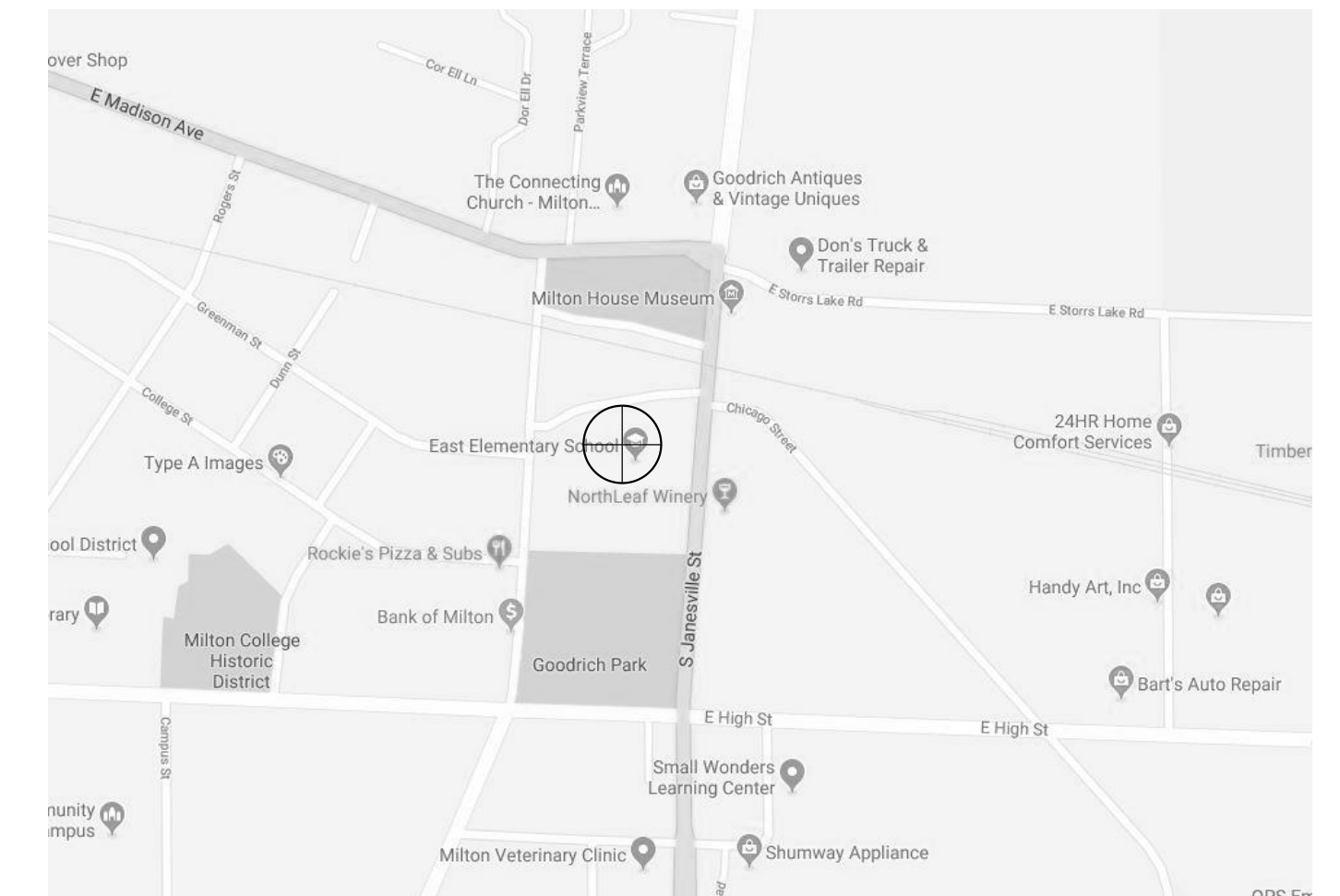
### CONSTRUCTION CLASSIFICATION

ADDITION AND ALTERATION  
 TYPE OF CONSTRUCTION, UNPROTECTED, TYPE IIB - NON-SPRINKLERED

### BUILDING AREA

OVERALL FOOTPRINT	46,274 SF
<b>EXISTING</b>	
FIRST FLOOR	32,764 SF
EXISTING TOTAL	32,764 SF
<b>ADDITIONS</b>	
FIRST FLOOR	13,511 SF
<b>BUILDING TOTAL</b>	46,275 SF
<b>ALTERATIONS</b>	
FIRST FLOOR	4,356 SF

## PROJECT LOCATION



## PROJECT TEAM

### CONSTRUCTION MANAGER

JP Cullen & Sons Inc. TEL(608) 754-6601

### CIVIL

Point of Beginning, Inc. TEL(715) 344-9999

### FOOD SERVICE

Boelter Companies TEL(414) 967-4200

### STRUCTURAL

raSmith Inc. TEL(262) 317-3334

### PLUMBING

Muermann Engineering LLC TEL(920) 894-7800

### MECHANICAL

Fredericksen Engineering Inc. TEL(262) 243-9090

### ELECTRICAL

Muermann Engineering LLC TEL(920) 894-7800





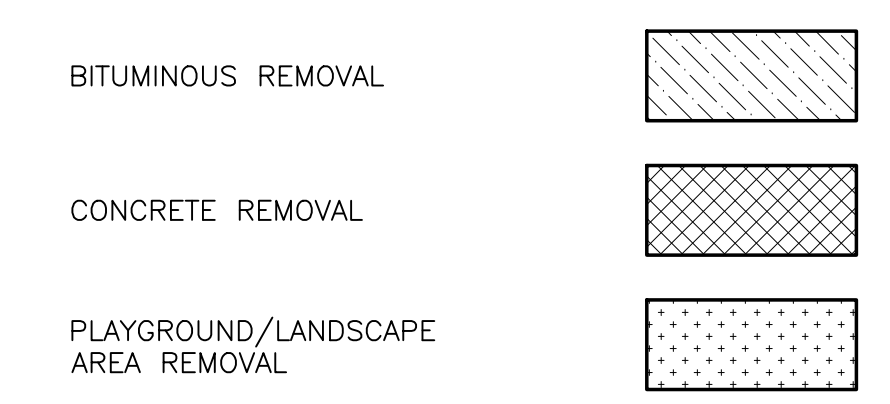
**GENERAL NOTES:**

- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- ALL DEMOLITION MATERIALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER EXCEPT FOR THOSE ITEMS NOTED TO BE SALVAGED, WHICH SHOULD BE TURNED OVER TO THE OWNER.
- INSTALL AND MAINTAIN ALL REQUIRED EROSION CONTROL MEASURES FOR PERIMETER PROTECTION PRIOR TO THE START OF DEMOLITION/CONSTRUCTION, IN ACCORDANCE WITH THE LOCAL AND STATE GOVERNING AUTHORITIES.
- ALL BIDDERS PLANNING ON SUBMITTING A BID SHALL VISIT THE SITE AND REVIEW THE EXISTING CONDITIONS PRIOR TO THE BID DATE.
- COORDINATE WITH THE OWNER AND LOCAL UTILITY COMPANIES TO LOCATE ANY EXISTING UTILITIES ON SITE PRIOR TO THE START OF WORK.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR AND INCLUDED IN THE BASE BID CONTRACT.
- STRIP TOPSOIL WITHIN THE PROJECT LIMITS IN ACCORDANCE WITH THE PROJECT MANUAL SPECIFICATIONS.
- IF STRIPPED TOPSOIL IS STOCKPILED ON SITE, SILT FENCE SHALL BE INSTALLED AROUND THE BASE OF THE STOCKPILE TO PREVENT SEDIMENT TRANSPORT.
- PRIOR TO PERFORMING WORK WITHIN PUBLIC RIGHT OF WAYS, NOTIFY AND COORDINATE WORK WITH THE LOCAL MUNICIPALITY.
- REMOVAL OF WATER MAIN AND WATER SERVICE PIPE IS TO FACILITATE BUILDING CONSTRUCTION. ALL WATER PIPES NEEDING TO BE REPAIRED, REPLACED, OR MAINTAINED TO CONTINUE WATER SERVICE TO EXISTING BUILDING SHALL BE COORDINATED WITH BUILDING PLUMBER AND THE CITY OF MILTON.

**KEYNOTES:**

- |  |   |
|--|---|
| 1 SAWCUT EXISTING CONCRETE CURBING                                   | 9 MAINTAIN EXISTING TREE  |
| 2 REMOVE EXISTING CONCRETE CURBING                                   | 10 REMOVE EXISTING WATER PIPE (SEE GENERAL NOTE 10)                               |
| 3 SAWCUT EXISTING BITUMINOUS PAVEMENT                                | 11 REMOVE/SALVAGE EXISTING HYDRANT ASSEMBLY                                       |
| 4 SAWCUT EXISTING CONCRETE WALK                                      | 12 REMOVE OVERHEAD POWER LINE AND RELOCATE POLE (COORDINATE WITH UTILITY COMPANY) |
| 5 REMOVE EXISTING CONCRETE   | 13 REMOVE POWER POLE (COORDINATE WITH UTILITY COMPANY)                            |
| 6 REMOVE/SALVAGE EXISTING PLAYGROUND FIXTURES (SEE STRUCTURAL PLANS) | 14 REMOVE BUILDING OVERHANG (SEE STRUCTURAL PLANS)                                |
| 7 REMOVE/SALVAGE EXISTING PLAYGROUND EDGING                          | 15 REMOVE/SALVAGE EXISTING BASKETBALL GOAL  |
| 8 REMOVE/REPLACE FENCE FOR SANITARY SERVICE INSTALLATION             | 16 REMOVE EXISTING SHED   |

**DEMOLITION HATCH PATTERNS:**

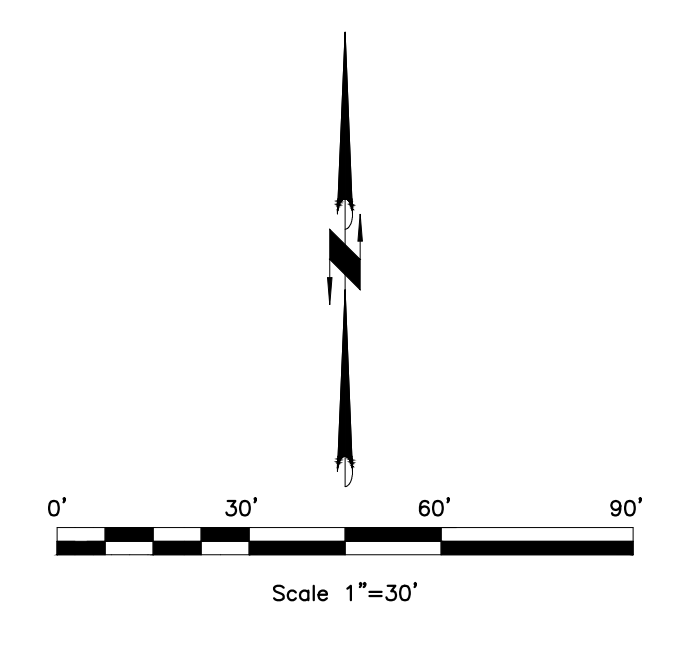


**CIVIL SHEET INDEX:**

- C100 DEMOLITION PLAN
- C101 LAYOUT & LANDSCAPE PLAN
- C102 GRADING PLAN
- C103 EROSION CONTROL PLAN
- C104 UTILITY PLAN
- C105 DETAILS
- C106 DETAILS

**BENCH MARK:**

- ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.
- BENCHMARK #1**  
CHISELED SQUARE ON TOP OF CONCRETE LIGHT POLE BASE, LOCATED ON THE NORTH SIDE OF THE SCHOOL DRIVEWAY FROM SOUTH JANESVILLE STREET AND BEING APPROXIMATELY 300 FEET WEST OF BENCHMARK #2.  
ELEVATION = 875.75
- BENCHMARK #2**  
BURY BOLT ON HYDRANT, LOCATED ON THE WEST SIDE OF SOUTH JANESVILLE STREET AND BEING IN LINE WITH THE CENTER LINE OF CHICAGO STREET.  
ELEVATION = 878.18
- BENCHMARK #3**  
CHISELED SQUARE ON TOP OF CONCRETE LIGHT POLE BASE, LOCATED ON THE WEST SIDE OF SOUTH JANESVILLE STREET AND BEING APPROXIMATELY 250 FEET SOUTH OF BENCHMARK #2.  
ELEVATION = 878.21
- BENCHMARK #4**  
BURY BOLT ON HYDRANT, LOCATED ON THE NORTHWEST CORNER OF PARKVIEW DRIVE AND GREENMAN STREET.  
ELEVATION = 875.14
- BENCHMARK #5**  
BURY BOLT ON HYDRANT, LOCATED APPROXIMATELY 100 FEET SOUTH AND 25 FEET WEST OF THE SOUTHEAST CORNER OF THE ELEMENTARY SCHOOL BUILDING.  
ELEVATION = 877.29





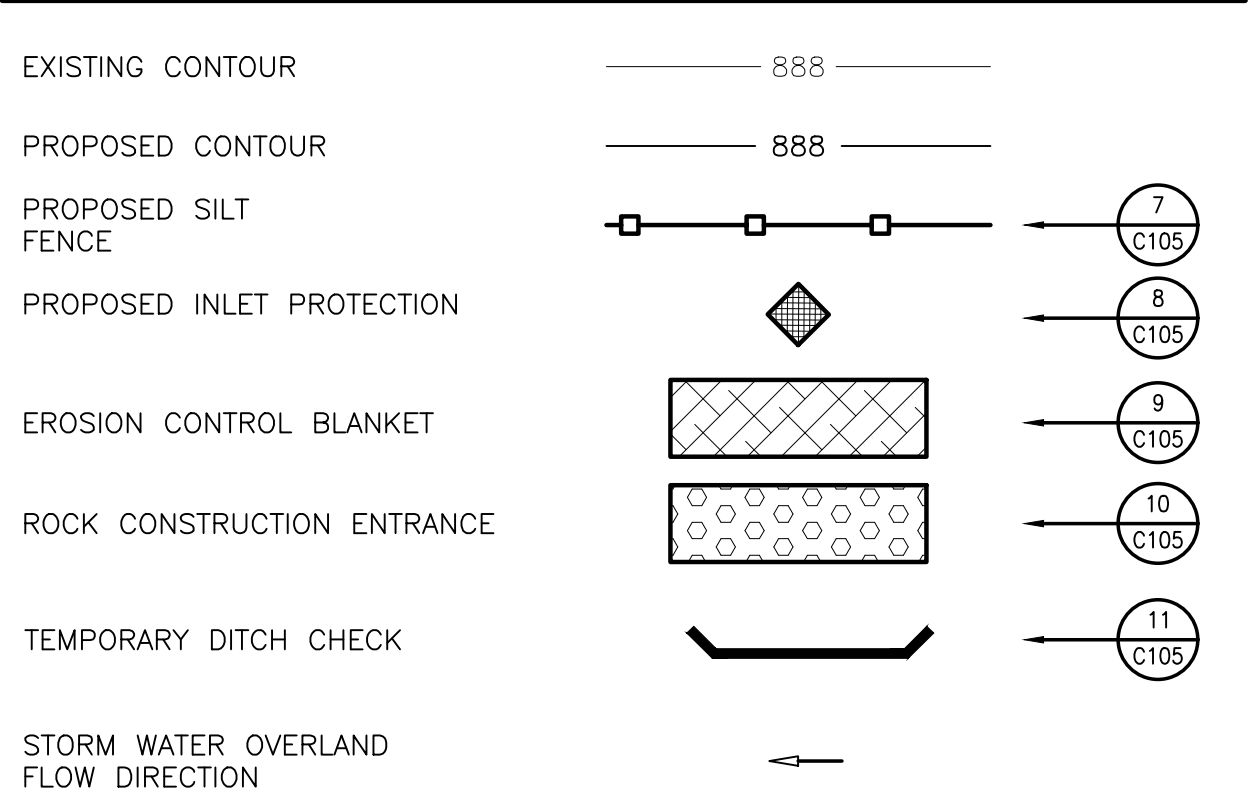




**GENERAL NOTES:**

- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- NOTIFY THE LOCAL MUNICIPALITY AT LEAST 2 WORKING DAYS PRIOR TO THE START OF SOIL DISTURBING ACTIVITIES.
- INSTALL ALL TEMPORARY EROSION CONTROL ELEMENTS PRIOR TO THE START OF DEMOLITION/CONSTRUCTION.
- ALL ACTIVITIES SHALL BE CONDUCTED IN A LOGICAL SEQUENCE AS TO MINIMIZE THE AMOUNT OF BARE SOIL EXPOSED AT ANY ONE TIME. MAINTAIN EXISTING VEGETATION AS LONG AS POSSIBLE.
- CRUSHED ROCK DRIVES FOR SEDIMENT TRACKING UTILIZING 3" CRUSHED ROCK SHALL BE MAINTAINED AT ALL CONSTRUCTION ENTRANCES TO THE SITE. THE ROCK DRIVE SHALL BE A MINIMUM OF 12" THICK AND BE A MINIMUM OF 50 FEET IN LENGTH BY THE WIDTH OF THE DRIVEWAY.
- OFF SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF A STORM EVENT SHALL BE CLEANED UP BY THE END OF THE NEXT WORK DAY. ALL OFF SITE SEDIMENT DEPOSITS OCCURRING AS A RESULT OF CONSTRUCTION ACTIVITIES, INCLUDING SOIL TRACKED BY CONSTRUCTION TRAFFIC, SHALL AT A MINIMUM BE CLEANED BY THE END OF EACH WORK DAY. EXCESSIVE AMOUNTS OF SEDIMENT OR OTHER DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED BY THE END OF EACH WORK DAY. EXCESSIVE AMOUNTS OF SEDIMENT OR OTHER DEBRIS TRACKED ONTO ADJACENT STREETS SHALL BE CLEANED IMMEDIATELY. FINE SEDIMENT ACCUMULATIONS SHALL BE CLEANED FROM ADJACENT STREETS BY THE USE OF MECHANICAL OR MANUAL SWEEPING OPERATIONS ONCE A WEEK AT A MINIMUM AND BEFORE IMMINENT RAIN EVENTS.
- DISTURBED GROUND OUTSIDE OF THE EVERYDAY CONSTRUCTION AREAS, INCLUDING SOIL STOCKPILES, THAT ARE LEFT INACTIVE FOR MORE THAN 7 DAYS SHALL BE TEMPORARILY STABILIZED BY SEEDING/MULCHING OR OTHER APPROVED METHODS.
- WASTE MATERIAL THAT IS GENERATED ON THE CONSTRUCTION SITE SHALL BE PROPERLY DISPOSED OF AND NOT ALLOWED TO RUN INTO RECEIVING WATERS.
- EROSION CONTROL DEVICES DESTROYED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE END OF EACH WORK DAY.
- INSPECT ALL EROSION CONTROL MEASURES AT LEAST ONCE A WEEK AND AFTER ANY RAINFALL OF 0.5" OR MORE. MAKE NEEDED REPAIRS AND DOCUMENT ALL ACTIVITIES AS PER THE REQUIREMENTS OF THE NOTICE OF INTENT SUBMITTED BY THE PROJECT CIVIL ENGINEER.
- ALL TEMPORARY EROSION CONTROL ELEMENTS SHALL REMAIN IN PLACE UNTIL A SUFFICIENT GROWTH OF VEGETATION IS ESTABLISHED AND THEN BE REMOVED AS PART OF THE BASE BID.
- IF SEDIMENT LADEN WATER NEEDS TO BE REMOVED FROM THE SITE, FILTER BAGS OR SCREENING SHALL BE USED IN ACCORDANCE WITH THE WI DNR TECHNICAL STANDARDS 1061 TO PREVENT THE DISCHARGE OF SEDIMENT TO THE MAXIMUM EXTENT PRACTICABLE.
- IF BARE SOIL IS EXPOSED DURING THE WINTER MONTHS, STABILIZATION BY MULCHING OR ANIONIC POLYACRYLAMIDE SHALL OCCUR PRIOR TO SNOW OR FROZEN GROUND.
- SILT FENCE SHALL BE INSTALLED AROUND THE TOPSOIL STOCKPILE.
- SILT FENCE SHALL BE INSTALLED AROUND THE INFILTRATION BASIN IMMEDIATELY FOLLOWING INSTALLATION OF THE COMPOST/SAND MIX TO PROTECT IT FROM SILT CONTAMINATION.
- THE COMPOST/SAND MIX SHALL NOT BE PLACED IN THE INFILTRATION BASIN UNTIL THE SURROUNDING DRAINAGE AREA HAS BEEN FULLY STABILIZED. ALL CONSTRUCTION SITE SEDIMENT SHALL BE REMOVED FROM THE SUBGRADE OF THE INFILTRATION BASIN PRIOR TO PLACEMENT OF THE COMPOST/SAND MIX.
- THE CONTRACTOR SHALL PERFORM INSPECTIONS AND MONITORING OF EROSION CONTROL PRACTICES IN ACCORDANCE WITH THE WI DNR "CONSTRUCTION SITE INSPECTION REPORT" FORM 3400-187. THIS FORM CAN BE FOUND IN THE CONSTRUCTION SPECIFICATIONS.

**EROSION CONTROL LEGEND:**



**EROSION CONTROL SEQUENCING**

- INSTALL PERIMETER EROSION CONTROL
- BEGIN DEMOLITION
- BEGIN ROUGH GRADING AND UTILITY INSTALLATION
- DURING GRADING ACTIVITIES EXISTING GRASS AND VEGETATION, TO BE REMOVED, SHALL REMAIN IN PLACE FOR AS LONG AS POSSIBLE, TO AVOID SEDIMENT TRANSPORT.
- TEMPORARY STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED AND WILL NOT RESUME FOR A PERIOD EXCEEDING 14 CALENDAR DAYS.
- FINAL STABILIZATION ACTIVITY SHALL COMMENCE WHEN LAND DISTURBING ACTIVITIES CEASE AND FINAL GRADE HAS BEEN REACHED ON ANY PORTION OF THE SITE.
- IF DISTURBED AREAS MUST BE LEFT OVER WINTER, AN ANIONIC POLYACRYLAMIDE SHALL BE APPLIED TO ALL DISTURBED AREAS PRIOR TO GROUND FREEZE. SEE SPECIFICATIONS FOR DETAILS.

**BENCH MARK:**

ELEVATIONS ARE REFERENCED TO NAVD 88 DATUM.

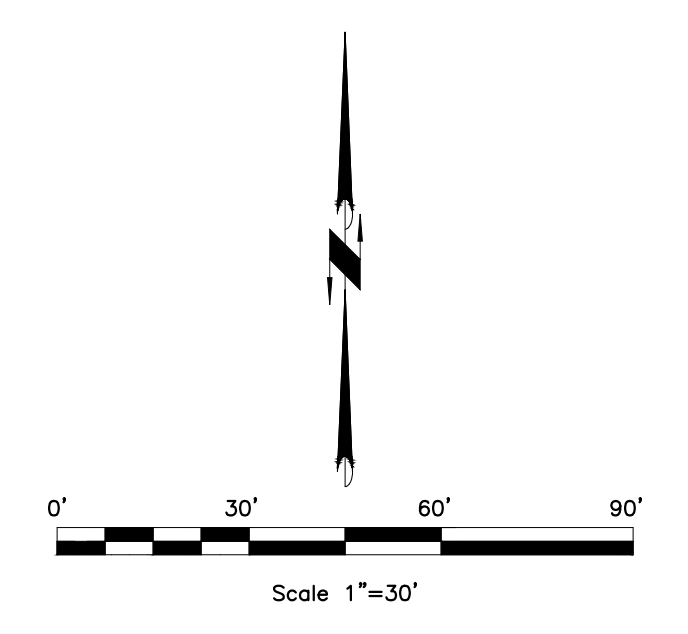
**BENCHMARK #1**  
CHISELED SQUARE ON TOP OF CONCRETE LIGHT POLE BASE, LOCATED ON THE NORTH SIDE OF THE SCHOOL DRIVEWAY FROM SOUTH JANESVILLE STREET AND BEING APPROXIMATELY 300 FEET WEST OF BENCHMARK #2.  
ELEVATION = 875.75

**BENCHMARK #2**  
BURY BOLT ON HYDRANT, LOCATED ON THE WEST SIDE OF SOUTH JANESVILLE STREET AND BEING IN LINE WITH THE CENTER LINE OF CHICAGO STREET.  
ELEVATION = 876.18

**BENCHMARK #3**  
CHISELED SQUARE ON TOP OF CONCRETE LIGHT POLE BASE, LOCATED ON THE WEST SIDE OF SOUTH JANESVILLE STREET AND BEING APPROXIMATELY 250 FEET SOUTH OF BENCHMARK #2.  
ELEVATION = 876.21

**BENCHMARK #4**  
BURY BOLT ON HYDRANT, LOCATED ON THE NORTHWEST CORNER OF PARKVIEW DRIVE AND GREENMAN STREET.  
ELEVATION = 875.14

**BENCHMARK #5**  
BURY BOLT ON HYDRANT, LOCATED APPROXIMATELY 100 FEET SOUTH AND 25 FEET WEST OF THE SOUTHWEST CORNER OF THE ELEMENTARY SCHOOL BUILDING.  
ELEVATION = 877.29



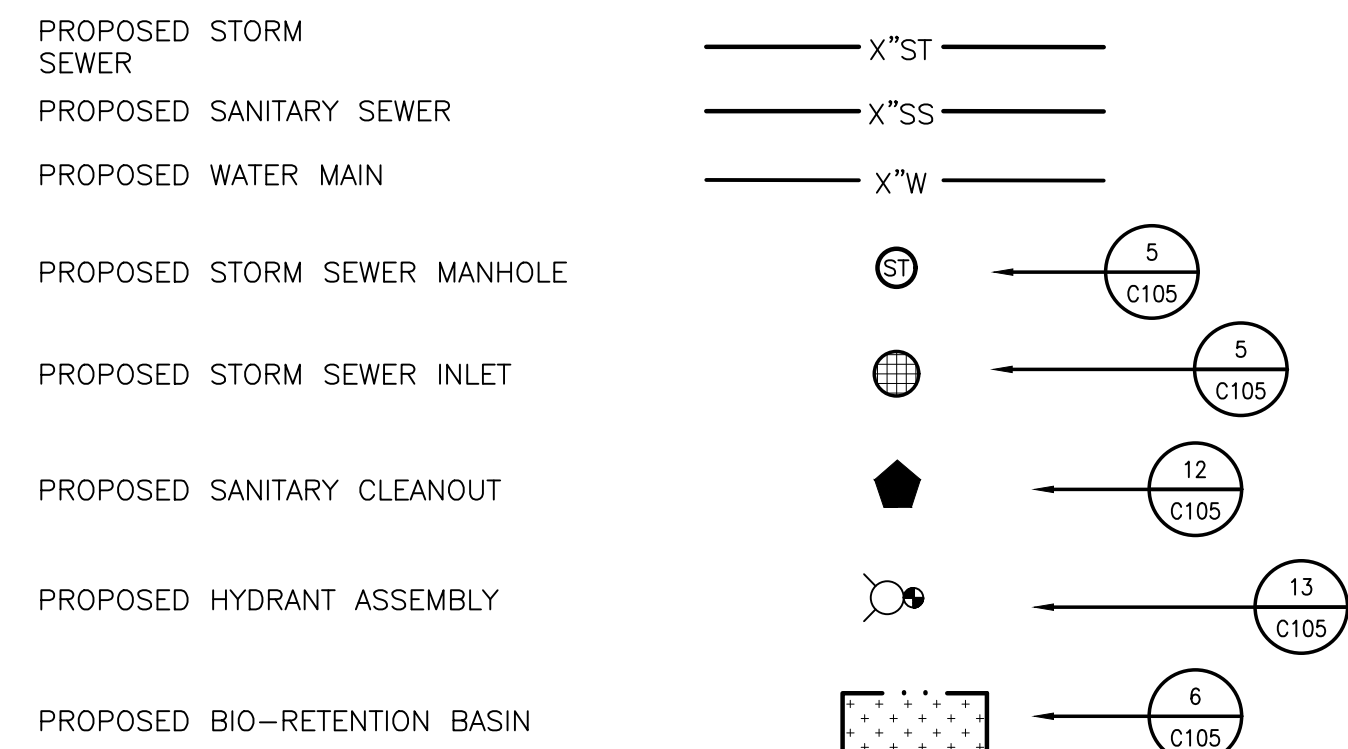
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O.L. 34,  
34-136  
08



**GENERAL NOTES:**

- CONTACT DIGGER'S HOTLINE 5 WORKING DAYS PRIOR TO THE START OF CONSTRUCTION.
- GRADE, LINE, AND LEVEL TO BE REVIEWED IN THE FIELD BY THE CONSTRUCTION MANAGER.
- ANY EXISTING UTILITIES NOT SHOWN ON THIS DOCUMENT WHICH NEED TO BE REMOVED, RELOCATED AND OR ADJUSTED SHALL BE THE RESPONSIBILITY OF THE SITE GRADING CONTRACTOR.
- REFER TO THE PROPOSED BUILDING MECHANICAL/PLUMBING PLANS TO VERIFY EXACT CONNECTION LOCATIONS AND SIZES OF PROPOSED SANITARY SEWER AND WATER LATERALS.
- COORDINATE ALL UTILITY WORK WITH GAS, ELECTRICAL, (INCLUDING MAIN SERVICE, SITE LIGHTING, CONDUITS AND SIGNAGE) CABLE AND TELEPHONE CONSTRUCTION AND RESPECTIVE TRADES RESPONSIBLE FOR INSTALLATION OF SAID UTILITIES.
- COORDINATE ALL WORK WITHIN THE PUBLIC RIGHT OF WAY WITH THE LOCAL MUNICIPALITY.
- ALL TESTING AND INSPECTION SHALL BE DONE IN ACCORDANCE WITH SPS 382.21.
- THE MUNICIPALITY SHALL BE CONTACTED PRIOR TO ANY EXCAVATION IN THE PUBLIC RIGHT-OF-WAY, AND PRIOR TO CONNECTING SANITARY SEWER AND WATER LATERALS TO THE PUBLIC MAINS. THE CONTRACTOR SHALL HAVE A TRAFFIC CONTROL PLAN APPROVED PRIOR TO WORK COMMENCING. THE MUNICIPALITY SHALL OPERATE ALL EXISTING WATER VALVES, IF NEEDED.
- FIELD VERIFY INVERT ELEVATION OF THE SANITARY SEWER AT THE LOCATION OF THE SERVICE LATERAL CONNECTION PRIOR TO CONNECTING THE LATERAL TO THE PUBLIC MAIN.

**UTILITY LEGEND:**



**STORM MANHOLE SCHEDULE:**

ST#1	ST#2	ST#3	ST#4	ST#5
RIM 874.03 INV(S) 869.53 INV(W) 869.43	RIM 874.78 INV(E) 870.34 INV(N) 870.24	RIM 873.80 INV(S) 870.97 INV(W) 870.80	RIM 875.10 INV(N) 873.10	RIM 875.97 INV(S) 873.97 DUMP 873.47
DEPTH 4.60	DEPTH 4.54	DEPTH 3.00	COORDINATE WITH BUILDING PLUMBER	DEPTH 2.50
48" I.D. PRECAST MANHOLE W/ NENAH R-1090 CASTING W/ SOLID COVER	48" I.D. PRECAST MANHOLE W/ NENAH R-1090 CASTING W/ SOLID COVER	48" I.D. PRECAST MANHOLE W/ NENAH R-2588 B CASTING W/ GRATE	48" I.D. PRECAST MANHOLE W/ NENAH R-2560 EA CASTING W/ BEEHIVE GRATE	24" I.D. MODULAR INLET W/ H-20 STANDARD GRATE

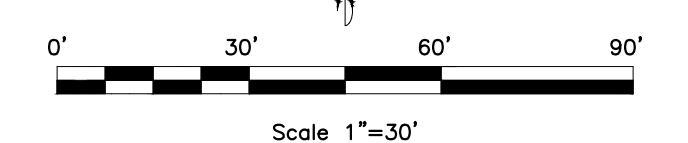
**CLEAN OUT SCHEDULE:**

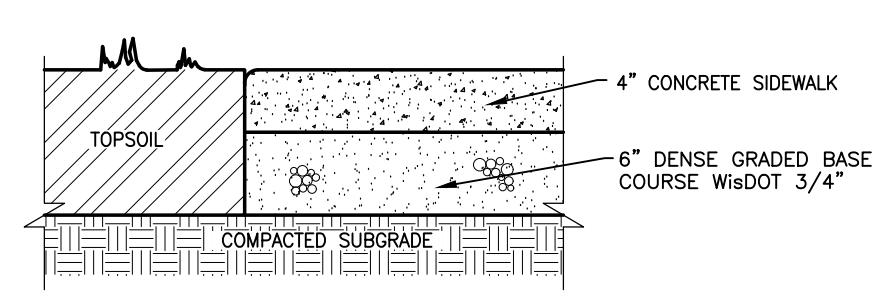
CO#1
RIM 875.62 INV* 865.55

\* NOTE INVERT SHOWN AT 90 deg. BEND/VERTICAL RISER

**BENCH MARK:**

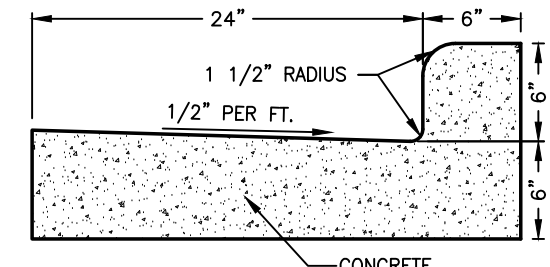
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ELEVATION = 877.29





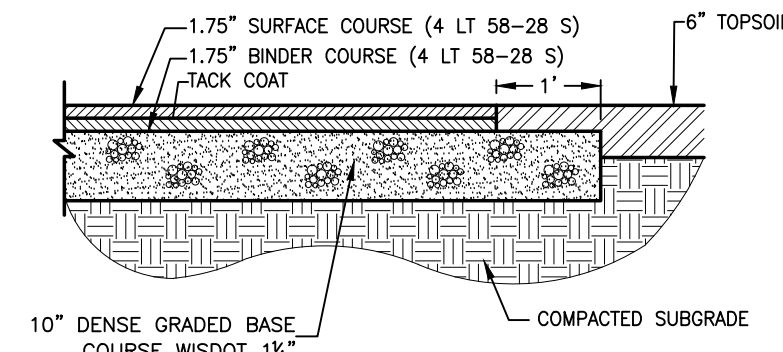
**CONCRETE SIDEWALK**

1  
C105



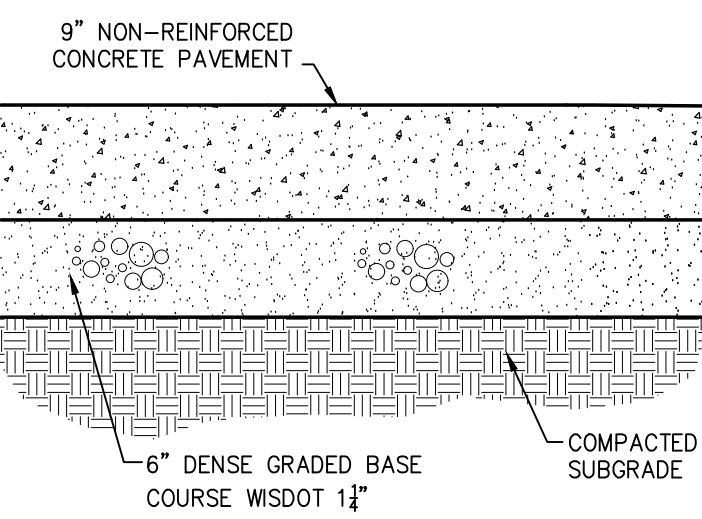
**30" CURB & GUTTER**

2  
C105



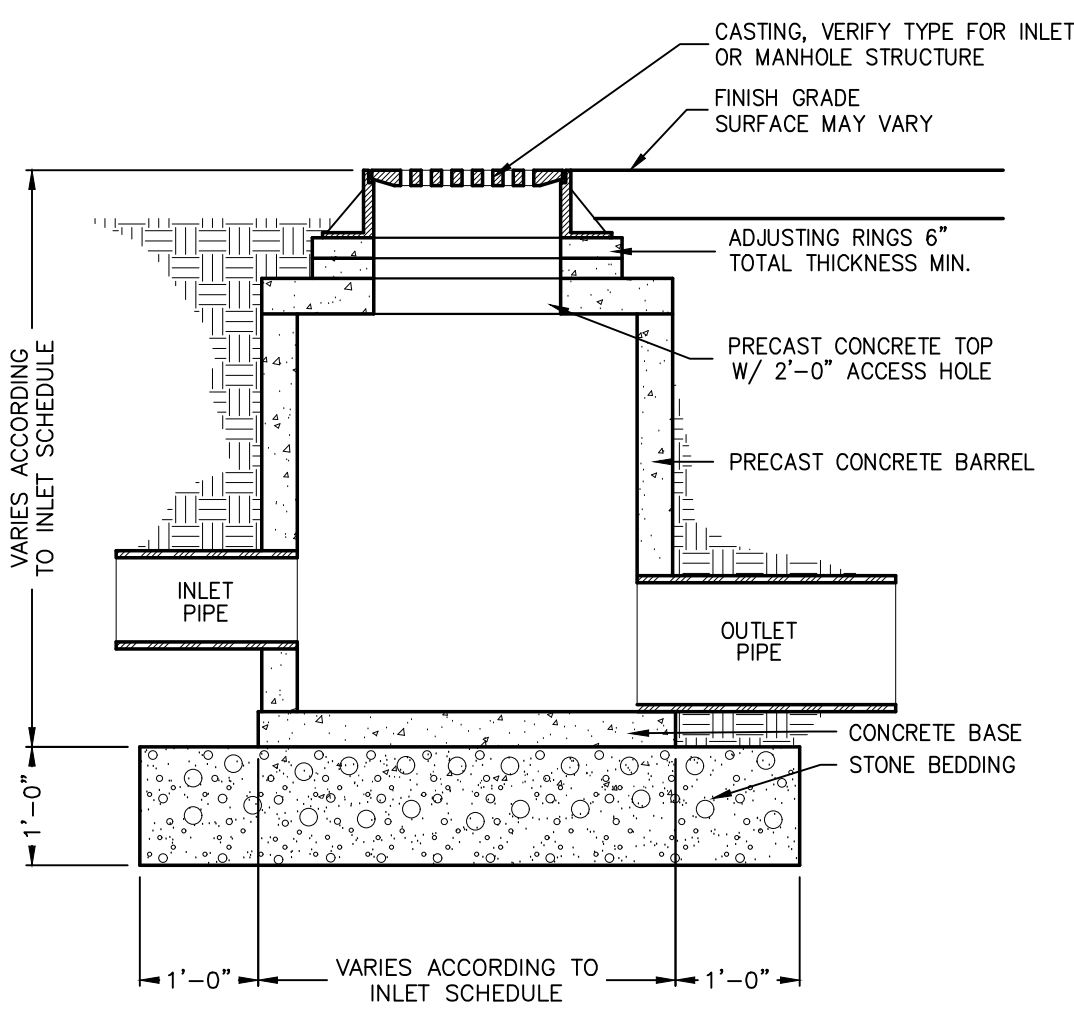
**ASPHALT PAVEMENT**

3  
C105



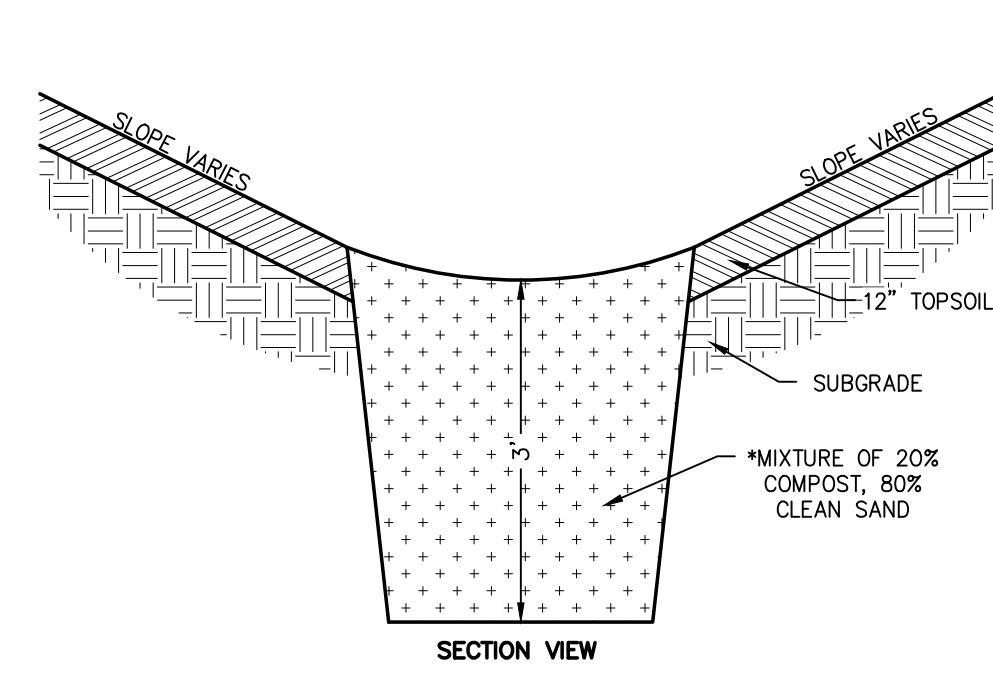
**NON-REINFORCED CONCRETE**

4  
C105



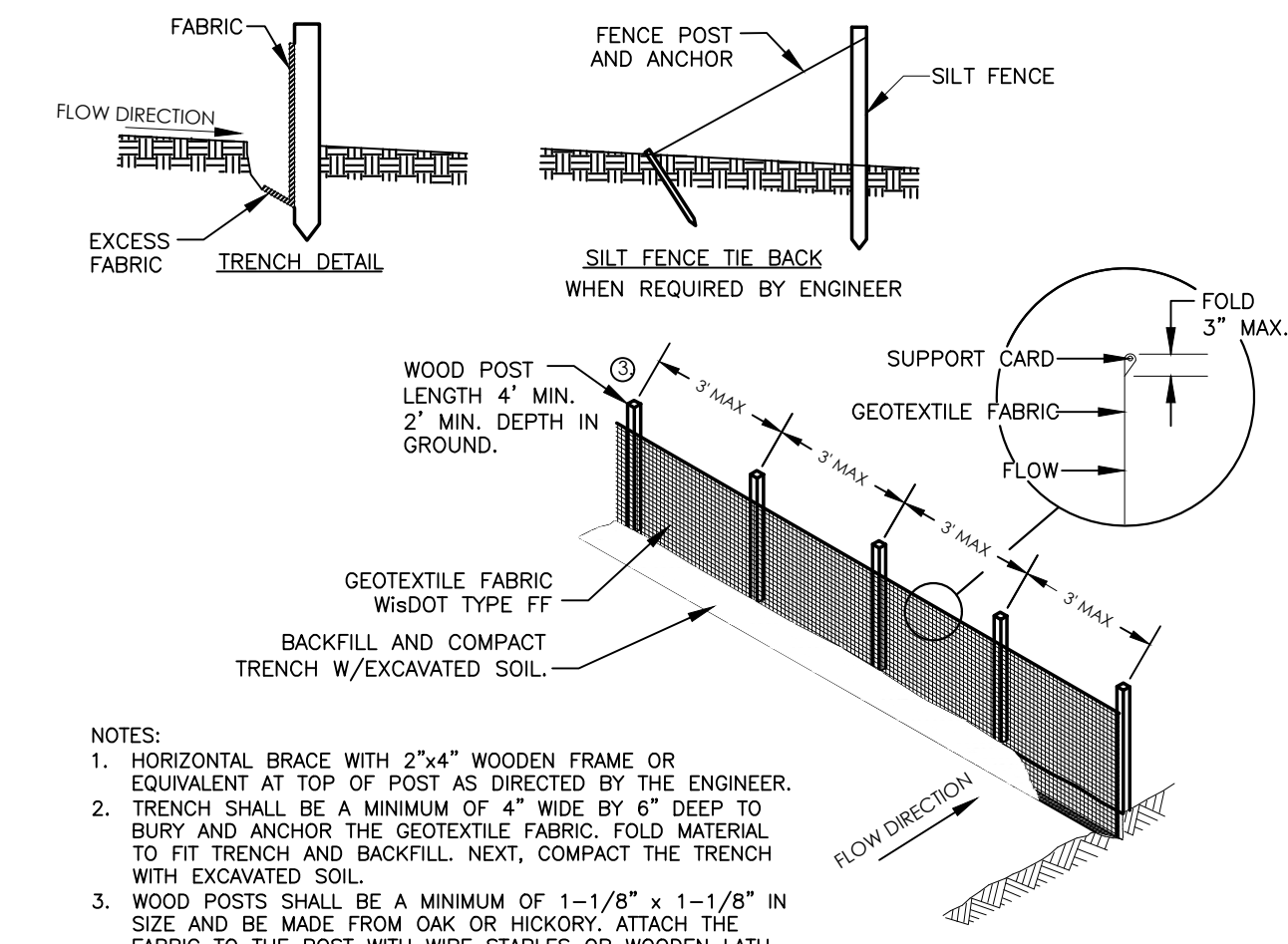
**STORM MANHOLE**

5  
C105



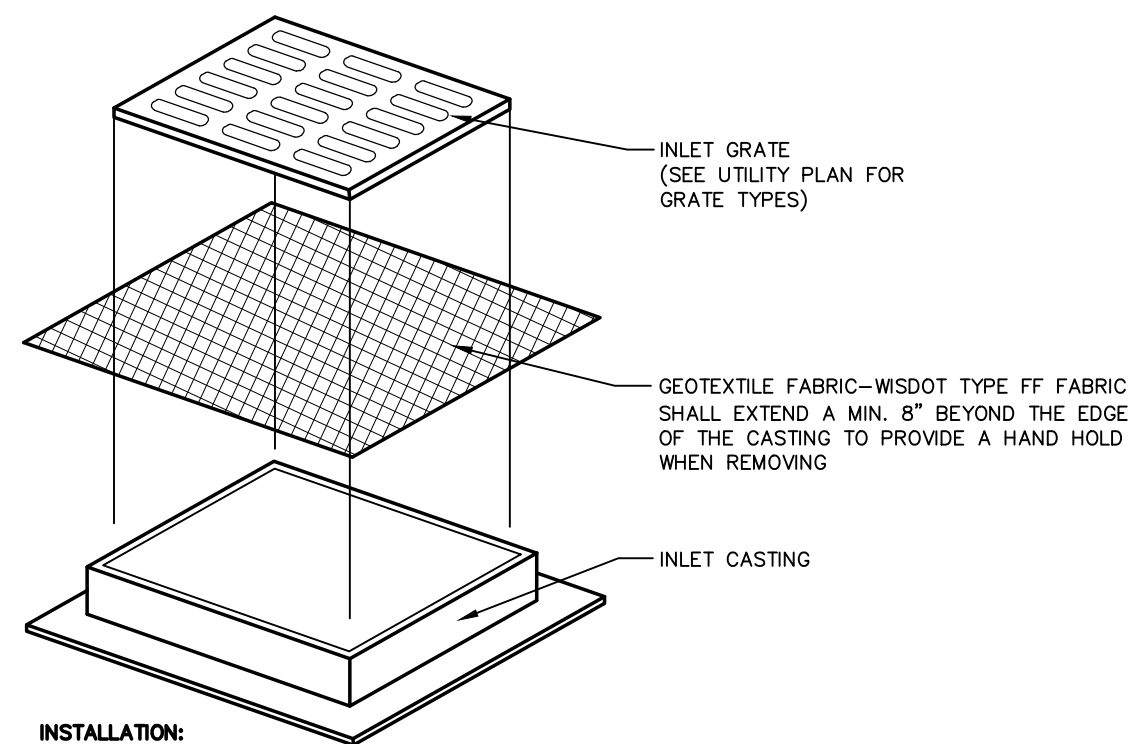
**INFILTRATION BASIN**

6  
C105



**SILT FENCE**

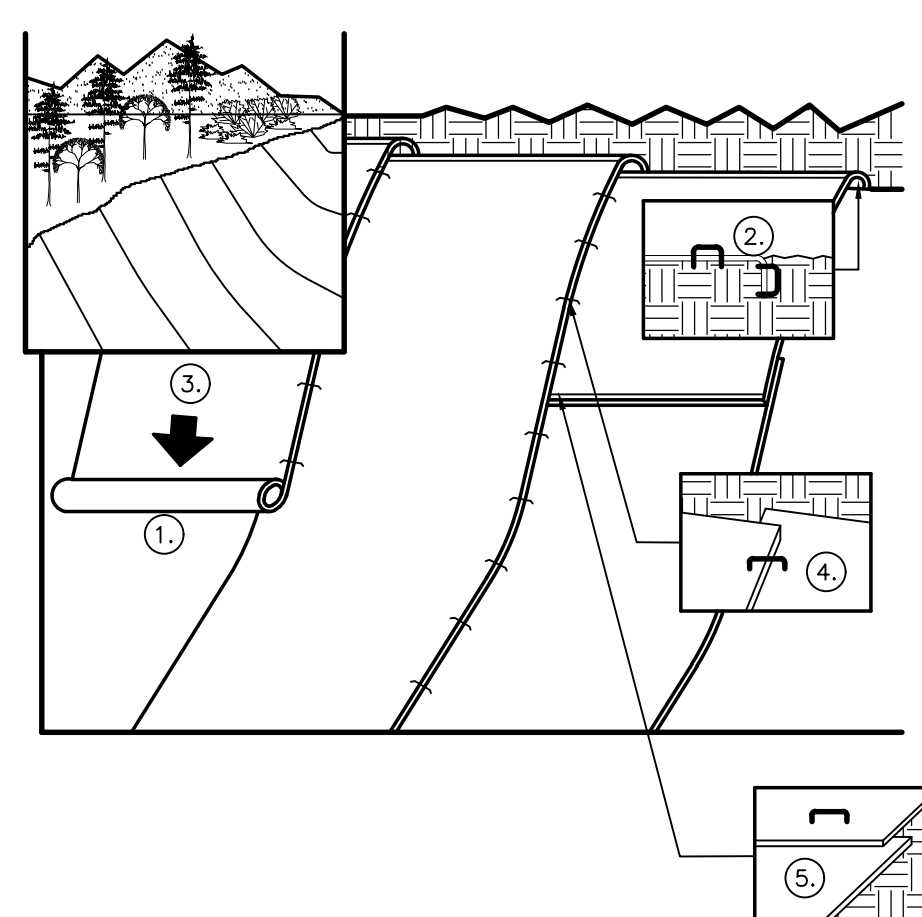
7  
C105



- INSTALLATION:**
- REMOVE INLET GRATE
  - PLACE FABRIC OVER THE TOP OF THE CASTING PLACE THE GRATE BACK IN PLACE KEEPING A MINIMUM OF 8" OF FABRIC EXTENDING ON ALL SIDES.
- MAINTENANCE:**
- CLEAN AS NEEDED TO MAINTAIN FLOW. DO NOT CUT OR RIP FABRIC TO INCREASE FLOWS. USE OF FABRIC WILL CREATE SHORT TERM PONDING OF WATER. DO NOT USE FABRIC INLET PROTECTION IF ADJACENT BUILDINGS OR PROPERTIES MAY BE DAMAGED BY PONDING WATER. ELEVATIONS ON SITE SHALL BE SUCH THAT ANY PONDING WATER WILL HAVE AN EMERGENCY OVERFLOW POINT AWAY FROM AREAS THAT MAY BE DAMAGED BY FLOODING.
- GENERAL NOTES:**
- USE ONLY THE FOLLOWING GEOTEXTILE FABRICS THAT ARE APPROVED BY THE WSDOT FOR USE AS INLET PROTECTION:
- LINO INDUSTRIAL FABRICS - GTF 403
  - TC M649 FILTERWAVE 401

**STORM INLET PROTECTION**

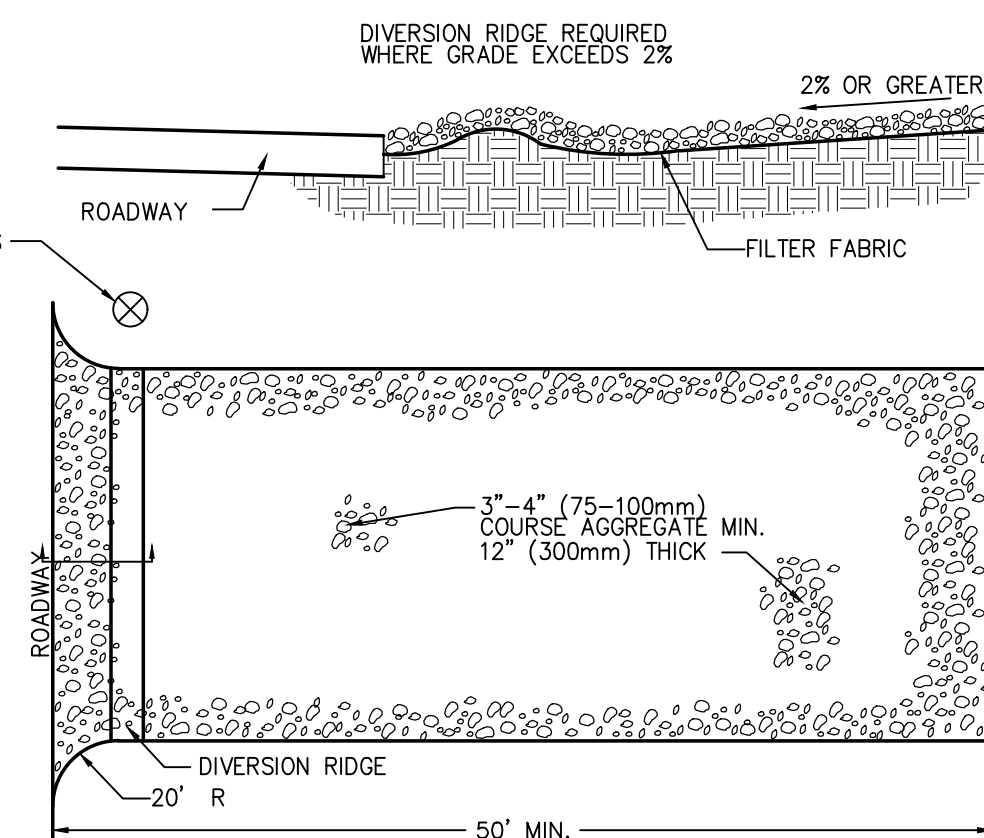
8  
C105



- GENERAL NOTES:**
- PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-OR-SEED DO NOT SEED PREPARED AREA CELL-OR-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
  - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
  - ROLL THE BLANKETS DOWN THE SLOPE IN THE DIRECTION OF THE WATER FLOW.
  - THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2" OVERLAP. WHEN BLANKETS MUST BE SPICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREA APPROXIMATELY 12" APART.

**EROSION CONTROL BLANKETS**

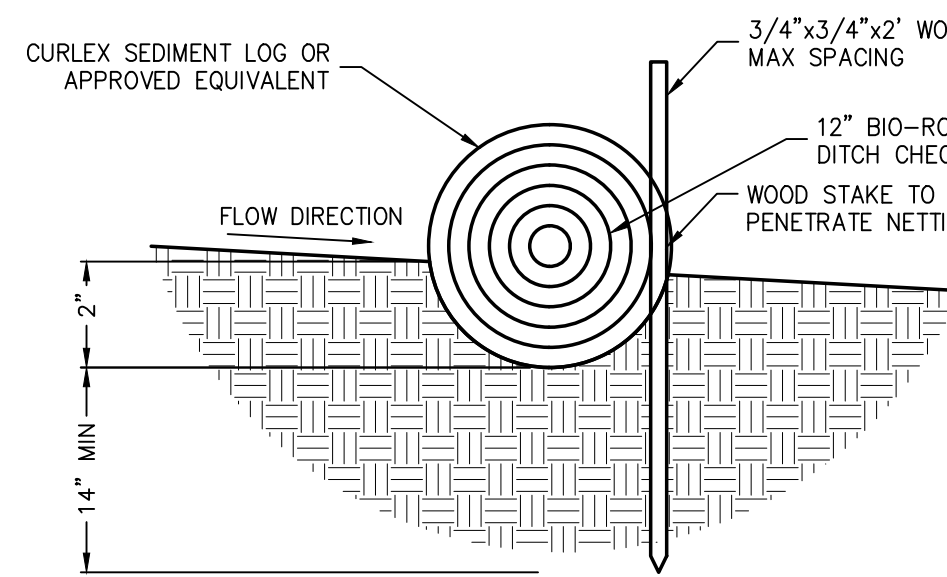
9  
C105



- NOTES:**
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT
  - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. ANY MEASURES USED TO TRAP SEDIMENT.
  - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

**ROCK CONSTRUCTION ENTRANCE**

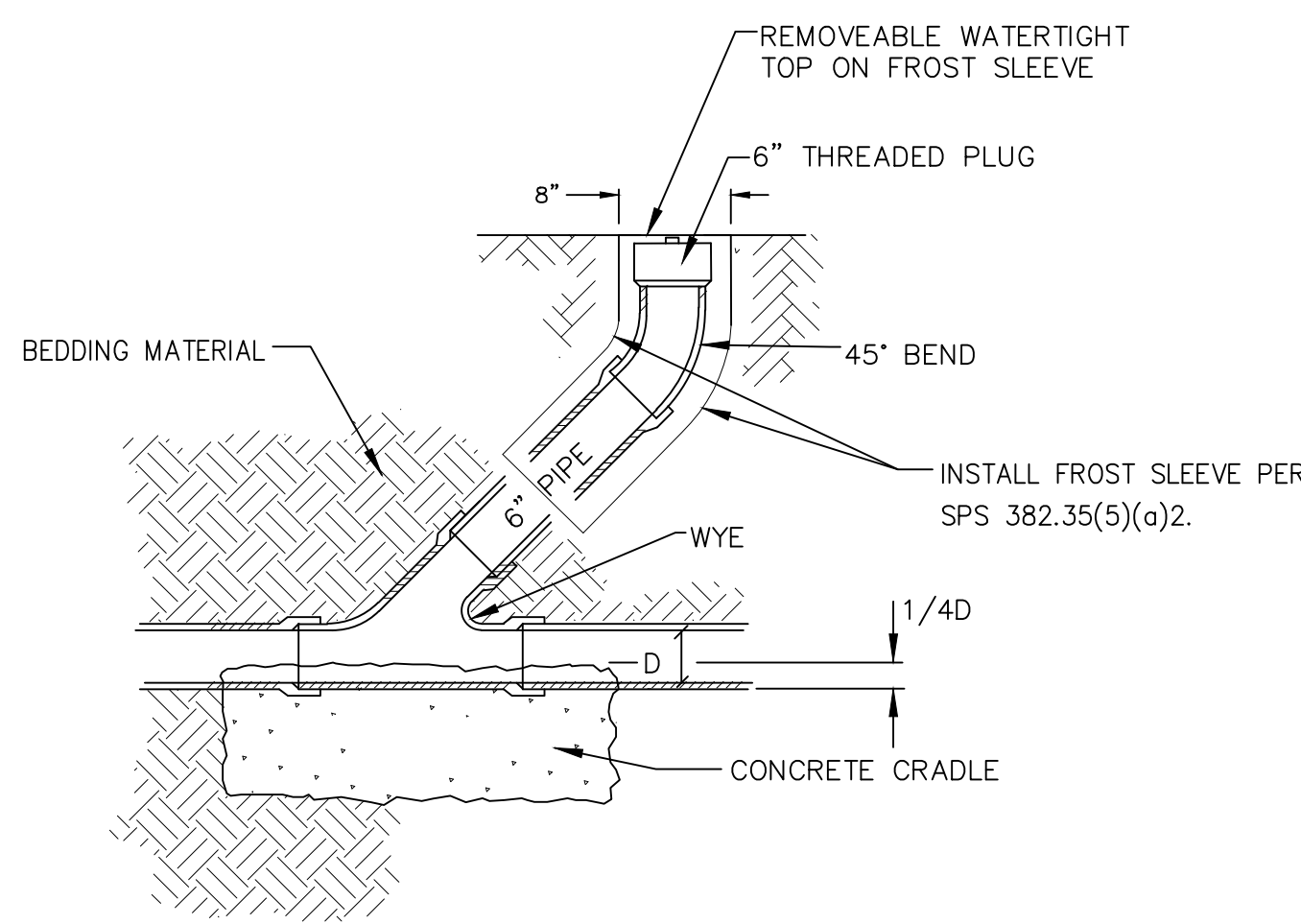
10  
C105



- NOTES:**
- USE "WDR T.S. 1063" TEMPORARY DITCH CHECK AND INSTALL ACCORDING TO CURRENT WDR SPECIFICATIONS
  - INSPECT DITCH CHECK FOR DEFICIENCIES PRIOR TO FORECASTED RAIN EVENTS, DAILY DURING EXTENDED RAIN EVENTS, AFTER RAIN EVENTS, AND AT 1-WEEK INTERVALS.
  - TURN ENDS OF DITCH CHECK UPSLOPE TO PREVENT WATER FROM FLOWING AROUND END.
  - REMOVE SEDIMENT BEHIND DITCH CHECK BEFORE SEDIMENT LEVEL REACHES THE HALFWAY POINT BETWEEN THE GROUND SURFACE AND TOP OF THE DITCH CHECK.

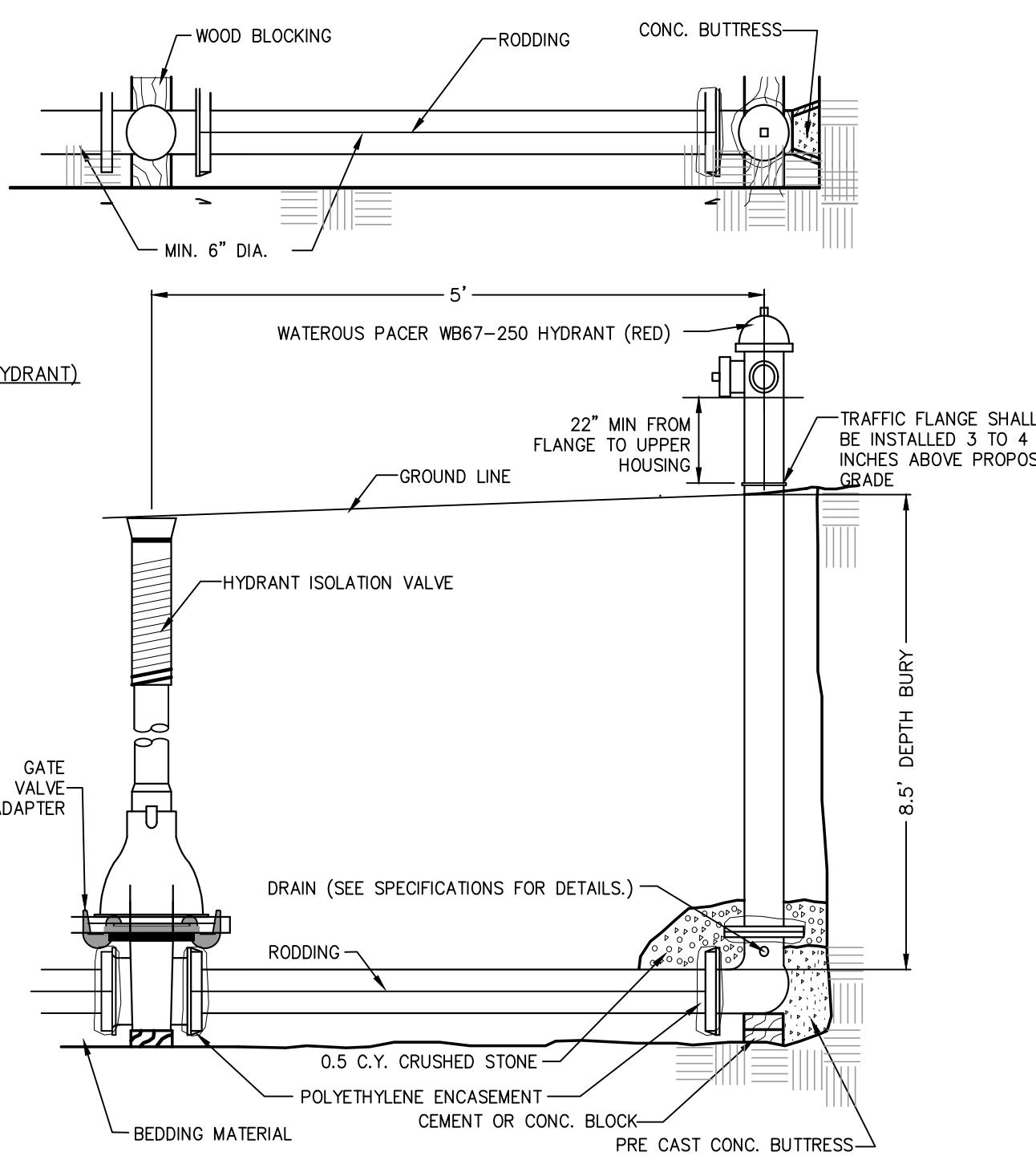
**TEMPORARY DITCH CHECK**

11  
C105



**SANITARY SEWER CLEANOUT**

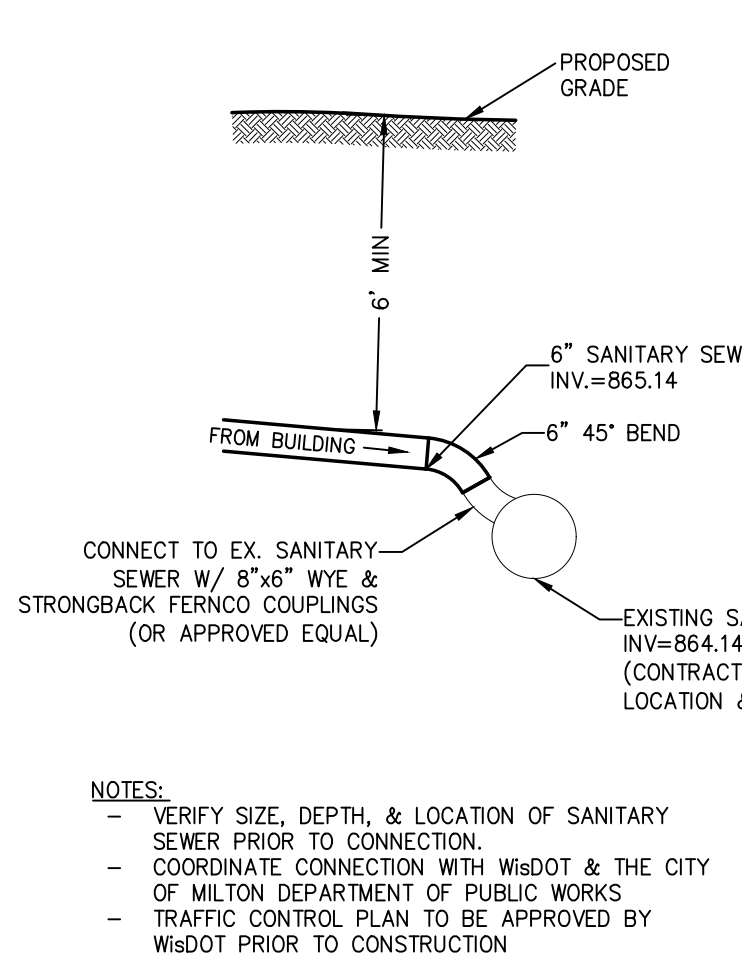
12  
C105



- NOTES:**
- (FOR INSTALLATION PURPOSES ONLY, INSTALL SALVAGED HYDRANT)
- HYDRANTS SHALL HAVE:
- 5.25" BOTTOM VALVE
  - (2)- 2.5" NOZZLES
  - (1)- 4.5" PUMPER NOZZLE WITH CAPS AND CHAINS
  - NOZZLE CAP NUT SIZES AND TYPES SHALL MATCH OPERATING STEM NUT SIZES AND TYPES
  - HOSE NIPPLES SHALL BE BRONZE OR NON-CORROSIVE
  - OPERATING STEM NUT SHALL BE 1.5", FROM POINT TO OPPOSITE FLAT, PENTAGON (5-SIDED) SHAPED.
  - BARREL HEIGHT, OPERATING CAP AND NUT SIZES PER CITY OF MILTON STANDARD DIMENSIONS.
  - INSTALL LOCATING DEVICE ON HYDRANT.

**HYDRANT ASSEMBLY**

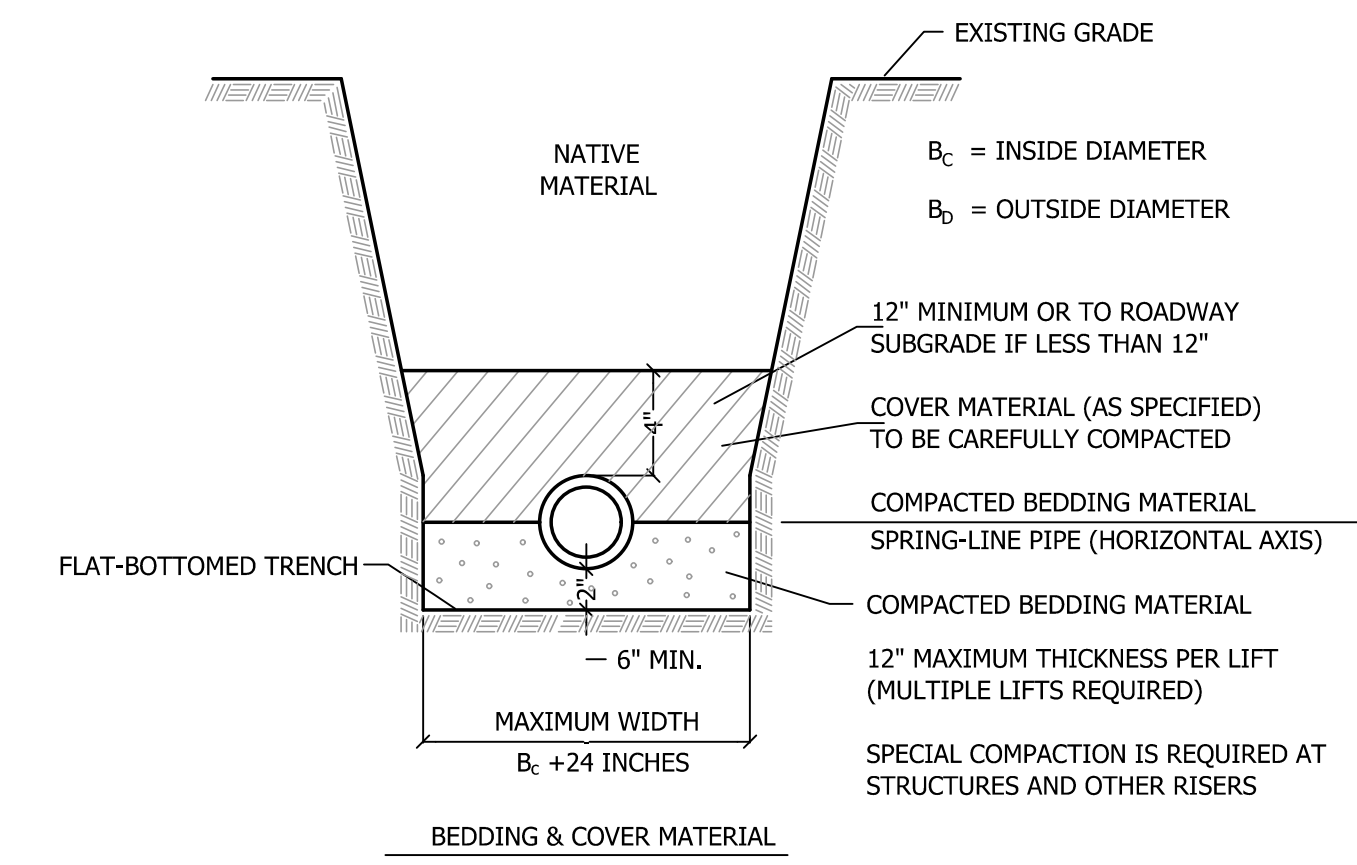
13  
C105



- NOTES:**
- VERIFY SIZE, DEPTH, & LOCATION OF SANITARY SEWER PRIOR TO CONNECTION.
  - COORDINATE CONNECTION WITH WSDOT & THE CITY OF MILTON DEPARTMENT OF PUBLIC WORKS
  - TRAFFIC CONTROL PLAN TO BE APPROVED BY WSDOT PRIOR TO CONSTRUCTION

**SANITARY SERVICE CONNECTION**

14  
C105



SCREENED SAND OR BANK RUN GRAVEL MEETING THE FOLLOWING GRADING REQUIREMENTS SHALL BE USED.

SIEVE SIZE	PERCENTAGE PASSING BY WEIGHT
1"	100
2"	85 TO 100
NO. 40	15 TO 35
NO. 200	2 TO 10

**TYPICAL SEWER TRENCH**

15  
C105

OCCUPANT LOAD WORKSHEET											
NUMBER	NAME	ROOM OR SPACE	OCCUPANCY	AREA	DENSITY	OCCUPANT LOAD			ACCOUNTED FOR IN OTHER SPACES	NOTES	
						CALCULATED	ACTUAL	COMBINED			
FIRST FLOOR											
115	COMMONS	ASSEMBLY - UNCONCENTRATED	2,594 SF	NET	15 SF	171	176	0	NO	-	
115B	KITCHEN	KITCHENS - COMMERCIAL	471 SF	GROSS	200 SF	3	2	0	NO	-	
118	MUSIC	EDUCATIONAL - SHOPS - VOCATIONAL	992 SF	NET	50 SF	20	25	0	NO	-	
118A	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	169 SF	GROSS	300 SF	1	0	0	YES	1	
119	ART	EDUCATIONAL - SHOPS - VOCATIONAL	1,002 SF	NET	50 SF	21	25	0	NO	-	
119A	KILN	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM	82 SF	GROSS	300 SF	1	0	0	YES	1	
120	TUTORING	EDUCATIONAL - CLASSROOM	473 SF	NET	20 SF	24	12	0	NO	-	
121	CLASSROOM	EDUCATIONAL - CLASSROOM	852 SF	NET	20 SF	43	25	0	NO	-	
122	CLASSROOM	EDUCATIONAL - CLASSROOM	852 SF	NET	20 SF	43	25	0	NO	-	
123	CLASSROOM	EDUCATIONAL - CLASSROOM	851 SF	NET	20 SF	43	25	0	NO	-	
125	CLASSROOM	EDUCATIONAL - CLASSROOM	862 SF	NET	20 SF	44	25	0	NO	-	
126	ALCOVE	NON OCCUPIED SPACE	41 SF	GROSS	0 SF	0	0	0	YES	1	
129	DATA	NON OCCUPIED SPACE	95 SF	GROSS	0 SF	0	0	0	YES	1	
131	WORK ROOM	BUSINESS AREAS	325 SF	GROSS	100 SF	4	0	0	YES	-	
132	STAFF LOUNGE	ASSEMBLY - CONCENTRATED	493 SF	NET	7 SF	16	16	0	NO	-	
133	LMC	LIBRARY - STACK AREA	1,789 SF	GROSS	100 SF	19	19	0	NO	-	
136	COURTYARD	ASSEMBLY - UNCONCENTRATED	4,821 SF	NET	15 SF	322	0	0	YES	-	
160	CHANGING	NON OCCUPIED SPACE	99 SF	GROSS	0 SF	0	0	0	YES	1, 2	
161	SOCIAL WORK	BUSINESS AREAS	189 SF	GROSS	100 SF	2	2	0	NO	-	
162	SPEECH	BUSINESS AREAS	201 SF	GROSS	100 SF	3	3	0	NO	-	
163	GUIDANCE	BUSINESS AREAS	229 SF	GROSS	100 SF	3	3	0	NO	-	
164	PSYCH	BUSINESS AREAS	229 SF	GROSS	100 SF	3	3	0	NO	-	
C130	CORRIDOR	NON OCCUPIED SPACE	1,645 SF	GROSS	0 SF	0	0	0	YES	1	
C135	CORRIDOR	NON OCCUPIED SPACE	886 SF	GROSS	0 SF	0	0	0	YES	1	
T127	GIRLS TLT	NON OCCUPIED SPACE	185 SF	GROSS	0 SF	0	0	0	YES	1	
T128	BOYS TLT	NON OCCUPIED SPACE	179 SF	GROSS	0 SF	0	0	0	YES	1	
V124	VEST	NON OCCUPIED SPACE	80 SF	GROSS	0 SF	0	0	0	YES	1	
V134	VEST	NON OCCUPIED SPACE	94 SF	GROSS	0 SF	0	0	0	YES	1	
TOTAL							386				

**BUILDING OCCUPANT LOAD GENERAL NOTES:**

- A. "NET AREA DEDUCT" COLUMN SHOWS AREA DEDUCTIONS BASED ON FLOOR AREA OCCUPIED BY CASEWORK.
- B. "OCCUPANT LOAD BY ACTUAL NUMBER" COLUMN SHOWS MAXIMUM CALCULATED OCCUPANCY LIMITS PER IBC 1004.1.1 OR OCCUPANCIES SET BY OWNER DEFINED CURRICULUM PER NOTE 2.
- C. "OCCUPANT LOAD BY COMBINATOR" COLUMN SHOWS TOTAL POSSIBLE OCCUPANTS EXITING THROUGH SPACES AND CORRIDORS ALONG PRIMARY EXIT PATH FOR LIFE SAFETY EGRESS, INCLUDING OCCUPANTS FROM ADJACENT ROOMS.
- D. "OCCUPANTS ACCOUNTED FOR IN OTHER SPACES" COLUMN DENOTES ROOMS THAT ARE CONSIDERED UNOCCUPIED ACCESSORY SPACES. IF "YES," OCCUPANTS ARE ACCOUNTED FOR IN OTHER AREAS. SEE NOTE 1.

**BUILDING OCCUPANT LOAD WORKSHEET NOTES:**

- 1. UNOCCUPIED ACCESSORY AREA PER 2015 IBC SECTION 202 DEFINITIONS FOR "FLOOR AREA, NET"
- 2. SINGLE USER TOILET ROOM.

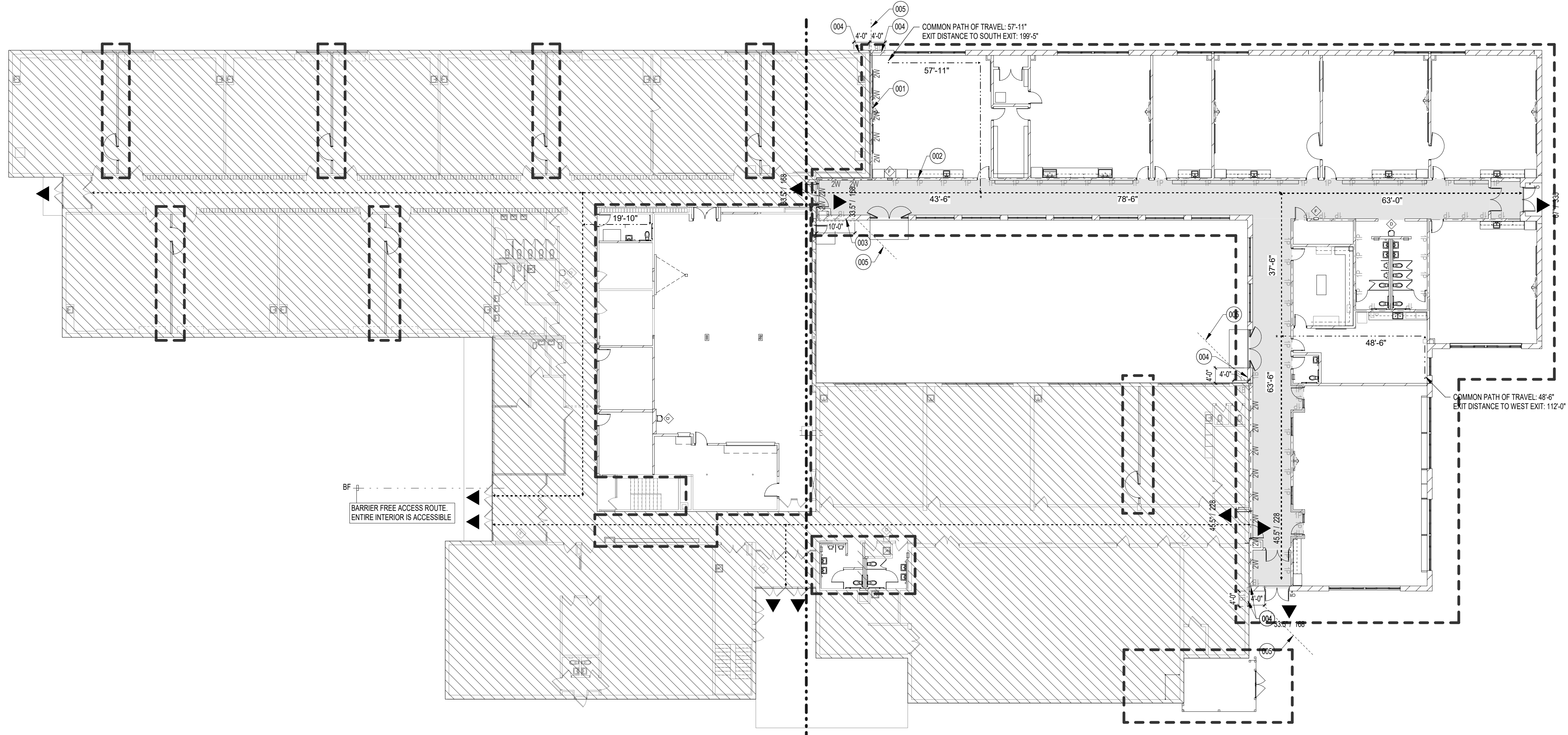
EGRESS WIDTH WORKSHEET												
NUMBER	NAME	ROOM OR SPACE	OCCUPANCY	CALCULATED OCCUPANT LOAD			STAIR		OTHER EGRESS COMPONENTS			NOTES
				BY AREA (IBC 1004.1.1)	MAX BY AGGREGATE WIDTH	WIDTH FACTOR	REQUIRED WIDTH	PROVIDED WIDTH	WIDTH FACTOR	REQUIRED WIDTH	PROVIDED WIDTH	
FIRST FLOOR												
115	COMMONS	ASSEMBLY - UNCONCENTRATED		176	670	0.3	52'8"	0'	0.2	35.2'	134'	-
115B	KITCHEN	KITCHENS - COMMERCIAL		3	168	0.3	0.9'	0'	0.2	0.6'	33.5'	-
118	MUSIC	EDUCATIONAL - SHOPS - VOCATIONAL		25	168	0.3	7.5'	0'	0.2	5'	33.5'	-
118A	STORAGE	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM		1	335	0.3	0.3'	0'	0.2	0.2'	67'	-
119	ART	EDUCATIONAL - SHOPS - VOCATIONAL		25	168	0.3	7.5'	0'	0.2	5'	33.5'	-
119A	KILN	ACCESSORY STORAGE AREAS, MECHANICAL EQUIPMENT ROOM		1	168	0.3	0.3'	0'	0.2	0.2'	33.5'	-
120	TUTORING	EDUCATIONAL - CLASSROOM		24	168	0.3	7.2'	0'	0.2	4.8'	33.5'	-
121	CLASSROOM	EDUCATIONAL - CLASSROOM		43	168	0.3	12.9'	0'	0.2	8.6'	33.5'	-
122	CLASSROOM	EDUCATIONAL - CLASSROOM		43	168	0.3	12.9'	0'	0.2	8.6'	33.5'	-
123	CLASSROOM	EDUCATIONAL - CLASSROOM		43	168	0.3	12.9'	0'	0.2	8.6'	33.5'	-
125	CLASSROOM	EDUCATIONAL - CLASSROOM		44	168	0.3	13.2'	0'	0.2	8.8'	33.5'	-
126	ALCOVE	NON OCCUPIED SPACE		0	600	0.3	0'	0'	0.2	0'	120'	-
129	DATA	NON OCCUPIED SPACE		0	168	0.3	0'	0'	0.2	0'	33.5'	-
131	WORK ROOM	BUSINESS AREAS		4	335	0.3	1.2'	0'	0.2	0.8'	67'	-
132	STAFF LOUNGE	ASSEMBLY - CONCENTRATED		17	168	0.3	21.3'	0'	0.2	14.2'	33.5'	-
133	LMC	LIBRARY - STACK AREA		19	335	0.3	5.7'	0'	0.2	3.8'	67'	-
136	COURTYARD	ASSEMBLY - UNCONCENTRATED		322	695	0.3	96.6'	0'	0.2	64.4'	139'	-
160	CHANGING	NON OCCUPIED SPACE		0	168	0.3	0'	0'	0.2	0'	33.5'	-
161	SOCIAL WORK	BUSINESS AREAS		0	168	0.3	0'	0'	0.2	0'	33.5'	-
162	SPEECH	BUSINESS AREAS		0	168	0.3	0'	0'	0.2	0'	33.5'	-
163	GUIDANCE	BUSINESS AREAS		0	168	0.3	0'	0'	0.2	0'	33.5'	-
164	PSYCH	BUSINESS AREAS		0	168	0.3	0'	0'	0.2	0'	33.5'	-
C130	CORRIDOR	NON OCCUPIED SPACE		0	335	0.3	0'	0'	0.2	0'	67'	-
C135	CORRIDOR	NON OCCUPIED SPACE		0	335	0.3	0'	0'	0.2	0'	67'	-
T127	GIRLS TLT	NON OCCUPIED SPACE		0	240	0.3	0'	0'	0.2	0'	48'	-
T128	BOYS TLT	NON OCCUPIED SPACE		0	240	0.3	0'	0'	0.2	0'	48'	-
V124	VEST	NON OCCUPIED SPACE		0	335	0.3	0'	0'	0.2	0'	67'	-
V134	VEST	NON OCCUPIED SPACE		0	168	0.3	0'	0'	0.2	0'	33.5'	-
TOTAL				844			253.2'					

**EGRESS WIDTH GENERAL NOTES:**

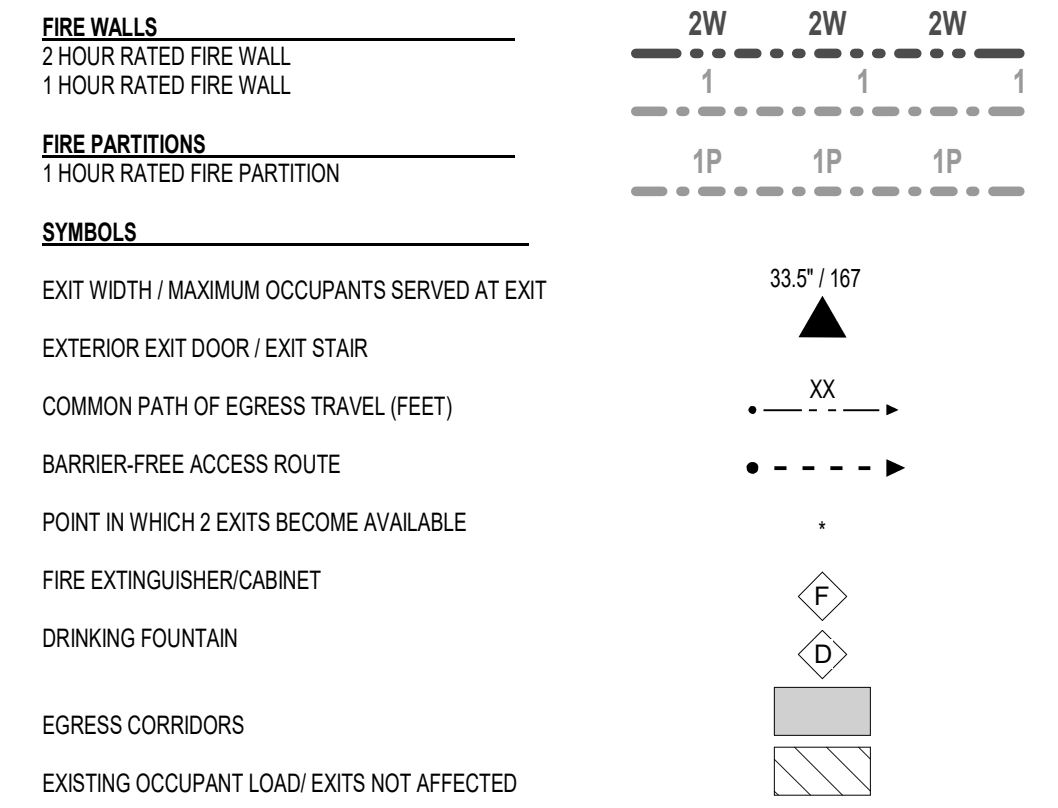
- A. A 36" DOOR WILL PROVIDE A NOMINAL MINIMUM CLEAR OPENING OF 33.5" AS DEFINED BY IBC SECTION 1008.1.1
- B. A PAIR OF 36" DOORS PROVIDES A NOMINAL MINIMUM CLEAR WIDTH OF 67"

**EGRESS WIDTH WORKSHEET NOTES:**

- 1. NA



**LIFE SAFETY LEGEND**



**CODE ANALYSIS**

2018 WISCONSIN COMMERCIAL BUILDING CODE (SPS 381.360)  
 2015 INTERNATIONAL EXISTING BUILDING CODE  
 2015 INTERNATIONAL BUILDING CODE  
 EDUCATION OCCUPANCY, GROUP E  
 ASSEMBLY OCCUPANCY, GROUP A

ZONING: CITY OF MILTON ORDINANCES, RESIDENTIAL R-3

**CONSTRUCTION CLASSIFICATION**

ADDITION AND ALTERATION  
 TYPE OF CONSTRUCTION, UNPROTECTED, TYPE IIB - NON-SPRINKLERED

**FIRE RESISTANCE RATING FOR BUILDING ELEMENTS**

PRIMARY STRUCTURAL FRAME	0 HR	TABLE 601
BEARING WALLS:		
EXTERIOR	0 HR	TABLE 601
INTERIOR	0 HR	TABLE 601
NON-BEARING WALLS:		
EXTERIOR	SEE BELOW	TABLE 601
INTERIOR	SEE BELOW	TABLE 601
FLOOR CONSTRUCTION	0 HR	TABLE 601
ROOF CONSTRUCTION	0 HR	TABLE 601
ROOF CLASSIFICATION	TYPE C	1505.1
FIRE ENCLOSURE (STAIRS, ELEVATOR, SHAFTS)	1 HR	1023.2
CORRIDOR WALLS	1 HR	TABLE 1020.1

**FIRE-RESISTANCE RATING REQUIREMENTS FOR EXTERIOR WALLS**

BASED ON FIRE SEPARATION DISTANCE (TABLE 602)

<5'	1 HR
>5' & <10'	1 HR
>10' & <30'	0 HR
>30'	0 HR

**FIRE PROTECTION**

FIRE ALARM SYSTEM  
 AUTOMATIC FIRE DETECTION SYSTEM

**EXIT EGRESS**

EXIT AISLES SERVING MEP EQUIPMENT:  
 24"  
 -DEAD END CORRIDORS (NON SPRINKLERED):  
 20' MAX.  
 COMMON PATH OF TRAVEL:  
 75' MAX.  
 MAXIMUM TRAVEL DISTANCE TO AN EXIT:  
 200' MAX. FROM THE REMOTEST POINT IN A ROOM

**ADA ACCESS ROUTE**

REFER TO SHEET A050

**ALLOWABLE AREA CALCULATION:**

Aa = At + (Ns x F)  
 Aa = ALLOWABLE AREA PER STORY (SF)  
 At = TABULAR AREA PER STORY (IN ACCORDANCE WITH TABLE 506.2)  
 Ns = TABULAR AREA FACTOR NON SPRINKLERED PER STORY (IN ACCORDANCE WITH TABLE 506.2)  
 F = AREA FACTOR INCREASE DUE TO FRONTAGE (PERCENT) (IN ACCORDANCE TO SECTION 506.3)

FRONTAGE INCREASE FACTOR CALCULATION:  
 If = (P/P - 0.25) x W / 30  
 F = BUILDING PERIMETER THAT FRONTS A PUBLIC WAY WITH 20'-0" MIN WIDTH  
 P = TOTAL PERIMETER OF BUILDING  
 W = WIDTH OF PUBLIC WAY OR OPEN SPACE (506.2.1)

**\*TYPE IIB CONSTRUCTION**

GROUP - E BUILDING A - 17,702 SF  
 AL = 14,500 GROUP E - TYPE IIB  
 NS = 14,500 (ALLOWABLE AREA = 19,430 SF)  
 P = 692 (14,500/30) = 19,430 SF  
 F = 392 (0.34 = [692/60] - 0.25)/30.30  
 W = 30

**BUILDING B - 31,745 SF**

GROUP E EXISTING BUILDING

**REQUIRED PLUMBING FIXTURES TOTAL BUILDING, OCCUPANT LOAD FOR TOTAL BUILDING:**

WOMEN	REQUIRED	EXISTING TO REMAIN	PROPOSED	TOTAL	NOTES
W.C.	1 PER 50	5	8	14	3.4
LAVS	1 PER 50	5	5	8	3.4
MEN	REQUIRED	EXISTING TO REMAIN	PROPOSED	TOTAL	NOTES
W.C.	1 PER 50	5	5	8	3
URINALS	1 PER 50	5	4	9	5.8
LAVS	1 PER 50	5	5	9	3
DRINKING FOUNTAINS	1 PER 100	5	2	8	10

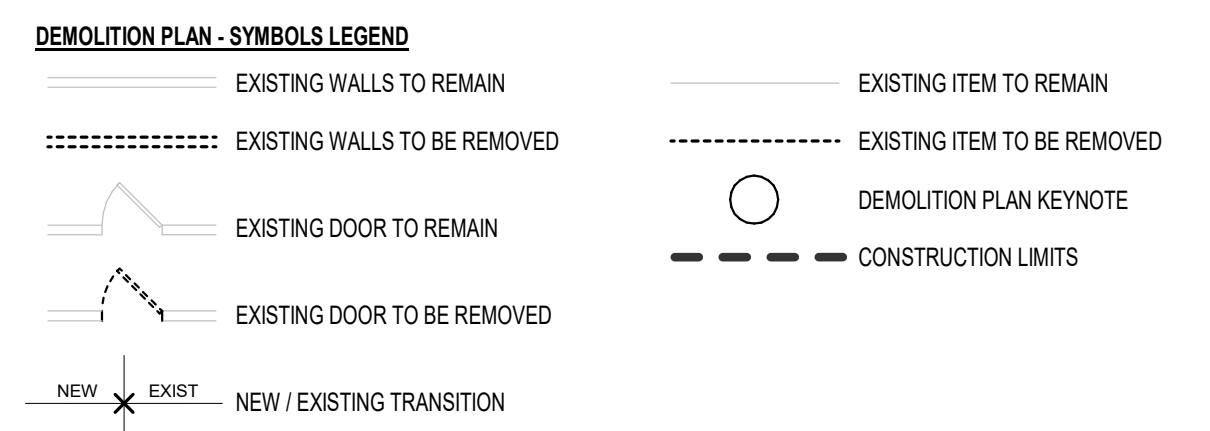
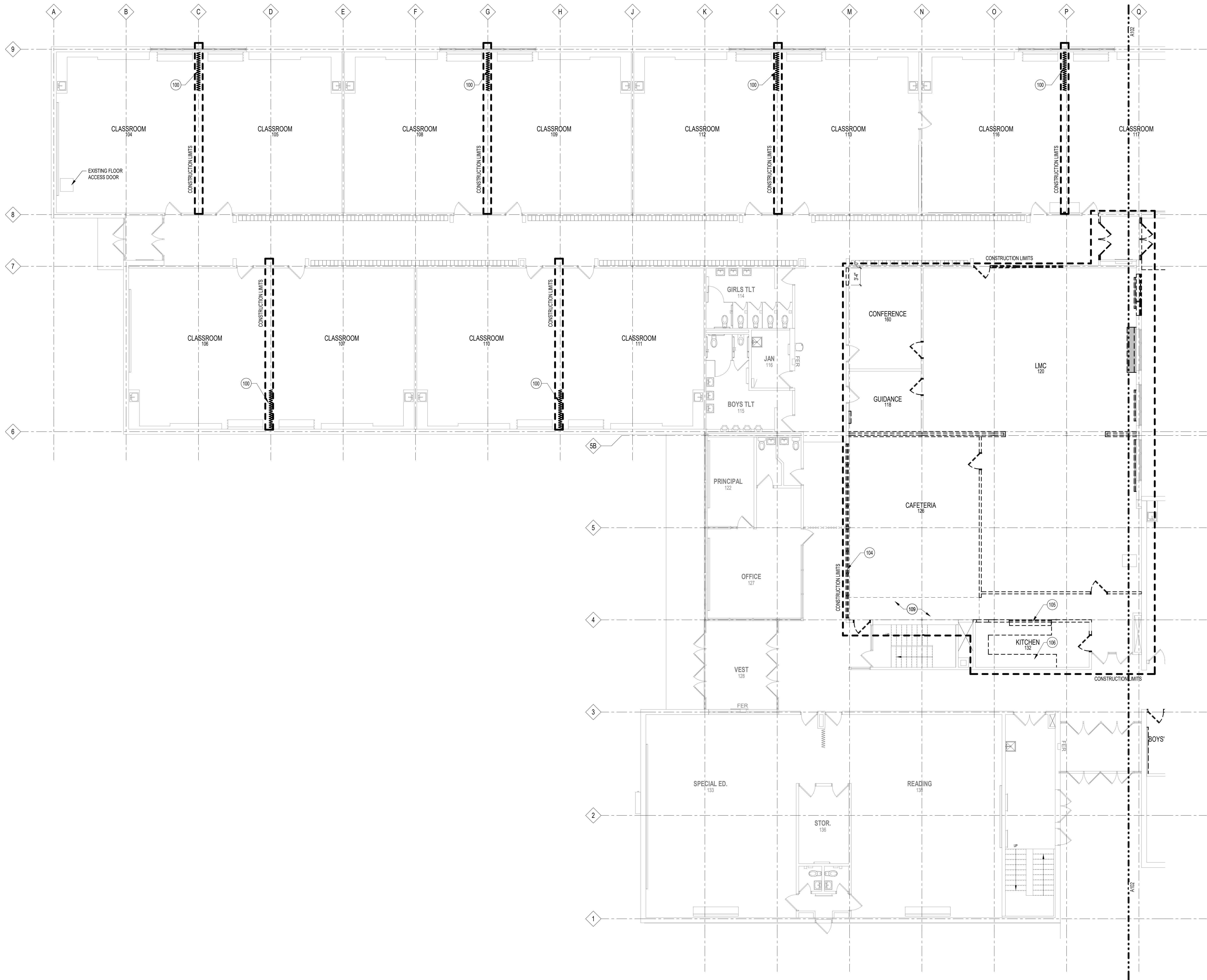
**NOTES:**

- 1. REFER TO IBC TABLE 2002.1 FOR MINIMUM NUMBER OF REQUIRED FIXTURES.
- 2. NUMBER OF FIXTURES BASED ON ACTUAL OCCUPANT LOAD OF 402. 201 TOTAL OCCUPANTS EACH GENDER. TOTALS BASED OFF MAXIMUM ENROLLMENT NUMBERS.
- 3. (3) SINGLE USER EXISTING TO REMAIN WATER CLOSETS AND LAVATORIES COUNTED TOWARD WOMEN AND (3) TOWARD MEN.
- 4. (1) SINGLE USER PROPOSED WATER CLOSET AND LAVATORY COUNTED TOWARD WOMEN.
- 5. URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 67% OF REQUIRED WATER CLOSETS, PER 2015 INTERNATIONAL PLUMBING CODE SECTION 419.2.
- 6. URINALS SHALL NOT BE SUBSTITUTED FOR MORE THAN 67% OF REQUIRED WATER CLOSETS, PER WISCONSIN ADMINISTRATIVE CODE SPS 382.2802 (1) (A) EXCEPTION 1 IN GROUP E.
- 7. CLASSROOMS 118, 119, 120, 121, 122, 123 AND 125 INCLUDE A SINK WITH DRINKING FOUNTAIN ATTACHMENT.

NOTE #	LIFE SAFETY PLAN NOTES
001	2-HR FIREWALL THAT STOPS AT UNDERSIDE OF ROOF DECK (PER 2015 IBC 708, 708.6 EXCEPTION 3)
002	1-HR FIRE PARTITION WALL (PER 2015 IBC 1020.6 TABLE 1020.1 AND 708.4)
003	10'-0" RATING EXTENSION (PER 2015 IBC SEC 706)
004	14'-0" RATING EXTENSION (PER 2015 IBC SEC 706.1)
005	IMAGINARY LOT LINE (PER IBC SEC 705.3)

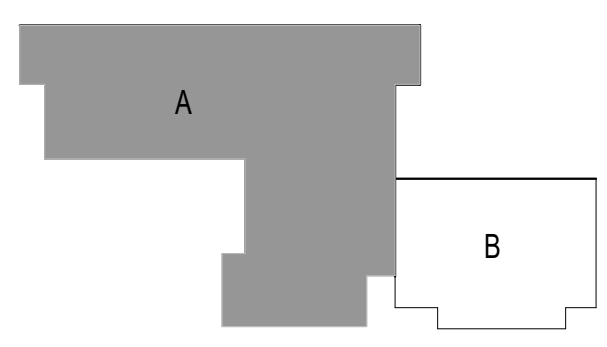
NORTH  
 FIRST FLOOR LIFE SAFETY PLAN  
 1/16" = 1'-0"





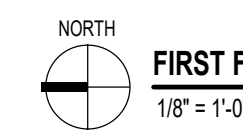
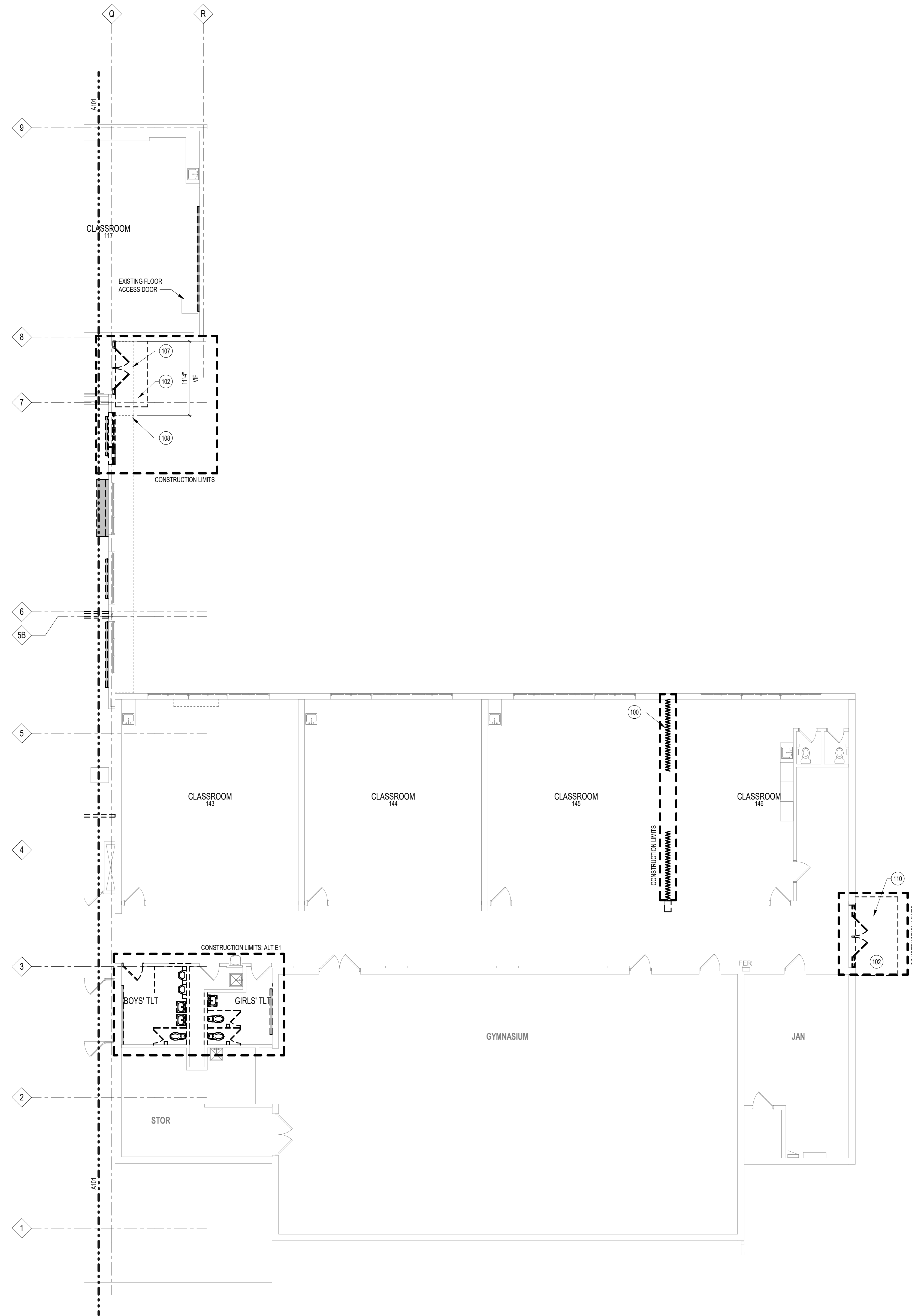
- DEMOLITION PLAN - GENERAL NOTES**
- VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
  - VERIFY EXACT COMPOSITION OF EXISTING WALLS TO BE REMOVED.
  - REMOVE FLOOR FINISHES, INCLUDING SETTING BED IN CERAMIC TILE AREAS, WHERE NEW FLOORING IS INDICATED IN ROOM FINISH SCHEDULE.
  - REMOVE SUSPENDED CEILING AND RELATED HANGERS, OR GYPSUM BOARD/ PLASTER CEILING WHERE NEW CEILING ARE INDICATED ON REFLECTED CEILING PLAN OR ROOM FINISH SCHEDULE.
  - REMOVE ALL COLUMN FINISHES, INCLUDING GYPSUM BOARD AND FURRINGS, FROM EXISTING STRUCTURAL COLUMNS.
  - REMOVE ALL INTERIOR AND WALL MOUNTED ITEMS IN AREAS TO BE REMODELED (REFER TO ROOM FINISH SCHEDULE) INCLUDING BUT NOT LIMITED TO, CABINETS, EQUIPMENT, TOILET PARTITIONS, SHELVING, CHALK AND TACK BOARDS, MIRRORS, WALL AND CEILING TRIM, BASE.
  - REFER TO PLUMBING, HVAC AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES. COORDINATE WORK WITH PLUMBING, HVAC AND ELECTRICAL REQUIREMENTS.
  - COORDINATE DEMOLITION OF LOAD BEARING WALLS WITH STRUCTURAL PLANS.
  - MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.
  - CONSTRUCT A DUST-PROOF PARTITION TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION. REFER TO DETAIL A1 / A810

NOTE #	DEMOLITION PLAN NOTES
100	REMOVE OPERABLE PARTITION AND FRAMING ABOVE.
102	REFER TO CIVIL DRAWINGS FOR STOOP REMOVAL.
104	REMOVE GLASS PARTITION
105	REMOVE SERVING COUNTER AND OVERHEAD DOOR
106	REMOVE STAINLESS STEEL KITCHEN PREP COUNTER
107	REMOVE SOFFIT OVER DOORWAY
108	MODIFY SOFFIT FOR NEW WALL CONSTRUCTION
109	REMOVE ACOUSTICAL CEILING TILE SOFFIT
110	REMOVE CANOPY ABOVE

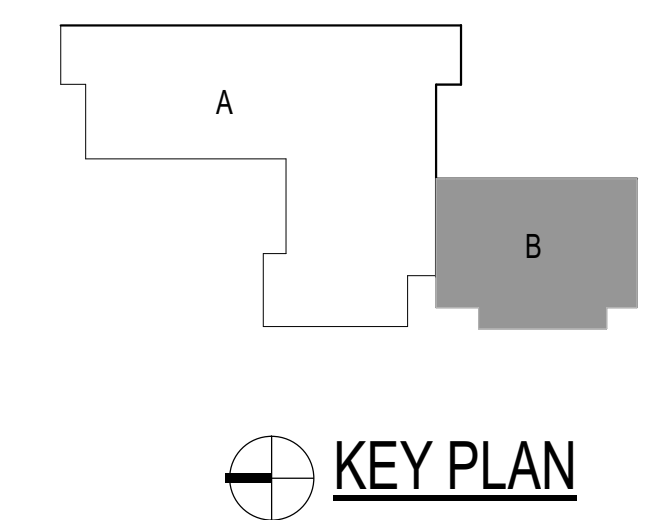


**KEY PLAN**

NORTH  
FIRST FLOOR DEMOLITION PLAN - AREA A  
1/8" = 1'-0"



FIRST FLOOR DEMOLITION PLAN - AREA B  
1/8" = 1'-0"



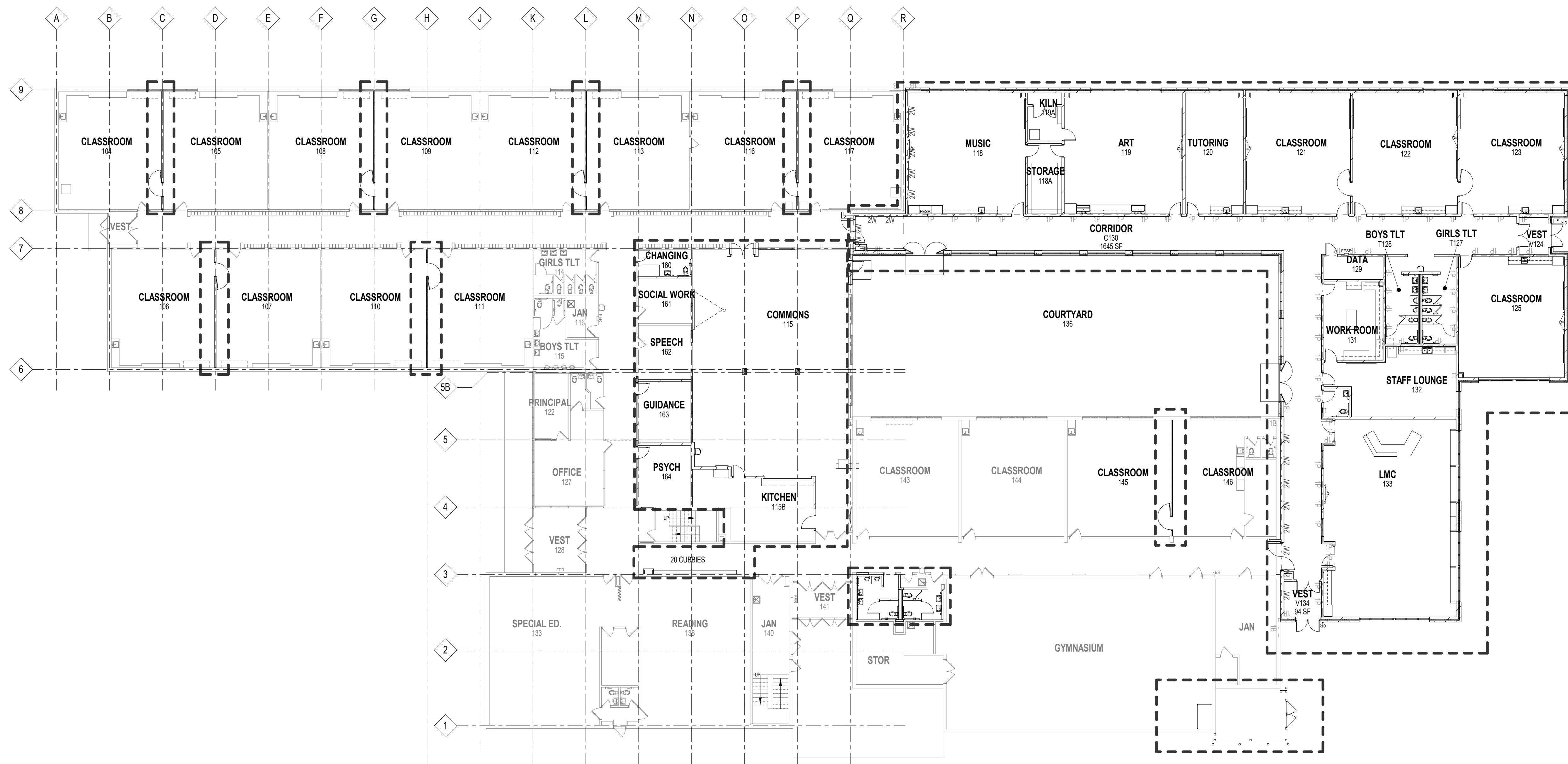
KEY PLAN

**DEMOLITION PLAN - SYMBOLS LEGEND**

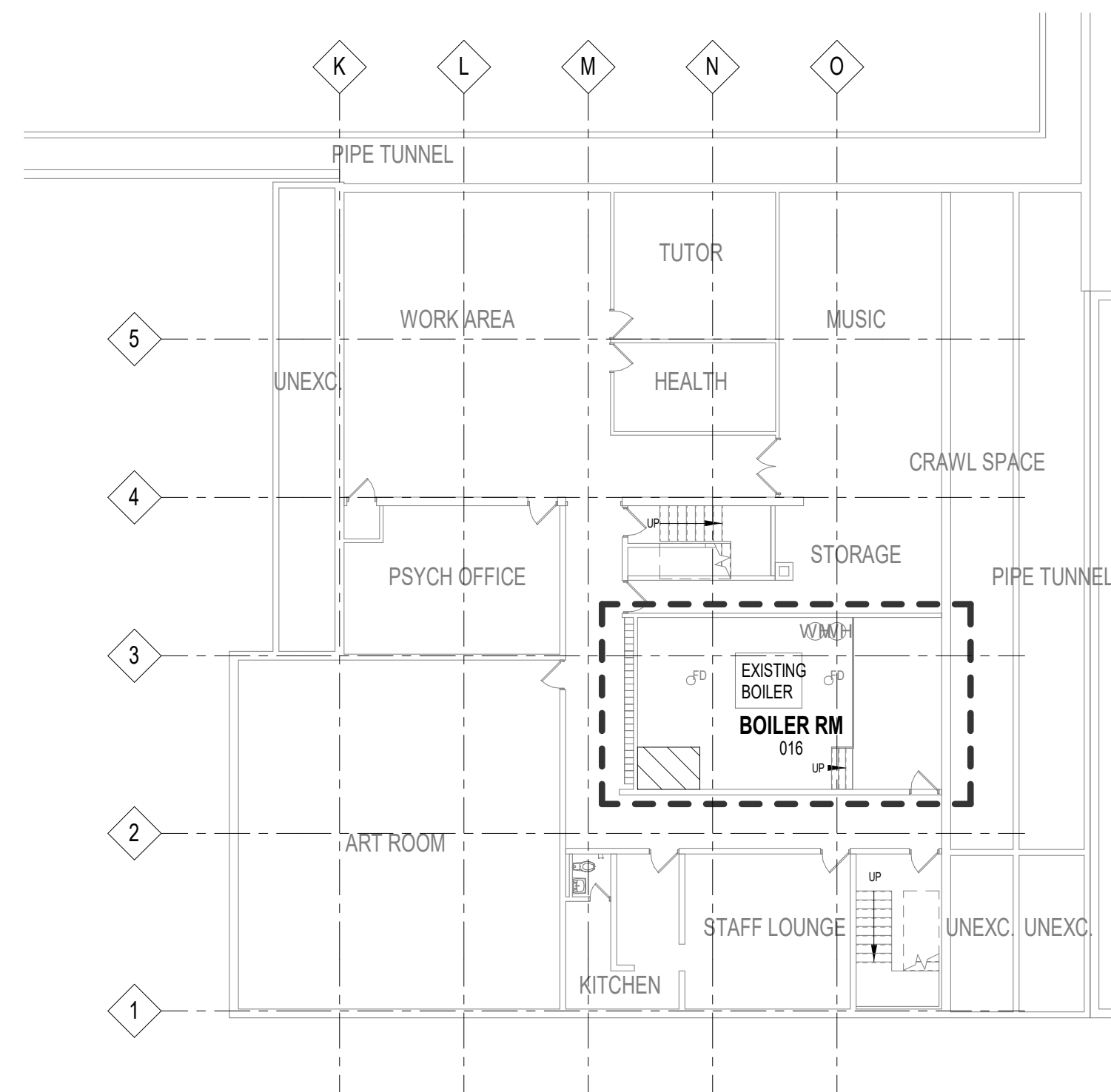
	EXISTING WALLS TO REMAIN		EXISTING ITEM TO REMAIN
	EXISTING WALLS TO BE REMOVED		EXISTING ITEM TO BE REMOVED
	EXISTING DOOR TO REMAIN		DEMOLITION PLAN KEYNOTE
	EXISTING DOOR TO BE REMOVED		CONSTRUCTION LIMITS
	NEW / EXISTING TRANSITION		

- DEMOLITION PLAN - GENERAL NOTES**
- A. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
  - B. VERIFY EXACT COMPOSITION OF EXISTING WALLS TO BE REMOVED.
  - C. REMOVE FLOOR FINISHES, INCLUDING SETTING BED IN CERAMIC TILE AREAS, WHERE NEW FLOORING IS INDICATED IN ROOM FINISH SCHEDULE.
  - D. REMOVE SUSPENDED CEILING AND RELATED HANGERS, OR GYPSUM BOARD PLASTER CEILING WHERE NEW CEILING IS INDICATED ON REFLECTED CEILING PLAN OR ROOM FINISH SCHEDULE.
  - E. REMOVE ALL COLUMN FINISHES, INCLUDING GYPSUM BOARD AND FURRINGS, FROM EXISTING STRUCTURAL COLUMNS.
  - F. REMOVE ALL INTERIOR AND WALL MOUNTED ITEMS IN AREAS TO BE REMODELED (REFER TO ROOM FINISH SCHEDULE) INCLUDING BUT NOT LIMITED TO, CABINETRY, EQUIPMENT, TOILET PARTITIONS, SHELVING, CHALK AND TACK BOARDS, MIRRORS, WALL AND CEILING TRIM, BASE.
  - G. REFER TO PLUMBING, HVAC AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES. COORDINATE WORK WITH PLUMBING, HVAC AND ELECTRICAL REQUIREMENTS.
  - H. COORDINATE DEMOLITION OF LOAD BEARING WALLS WITH STRUCTURAL PLANS.
  - I. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.
  - J. CONSTRUCT A DUST-PROOF PARTITION TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION. REFER TO DETAIL A1 / A810

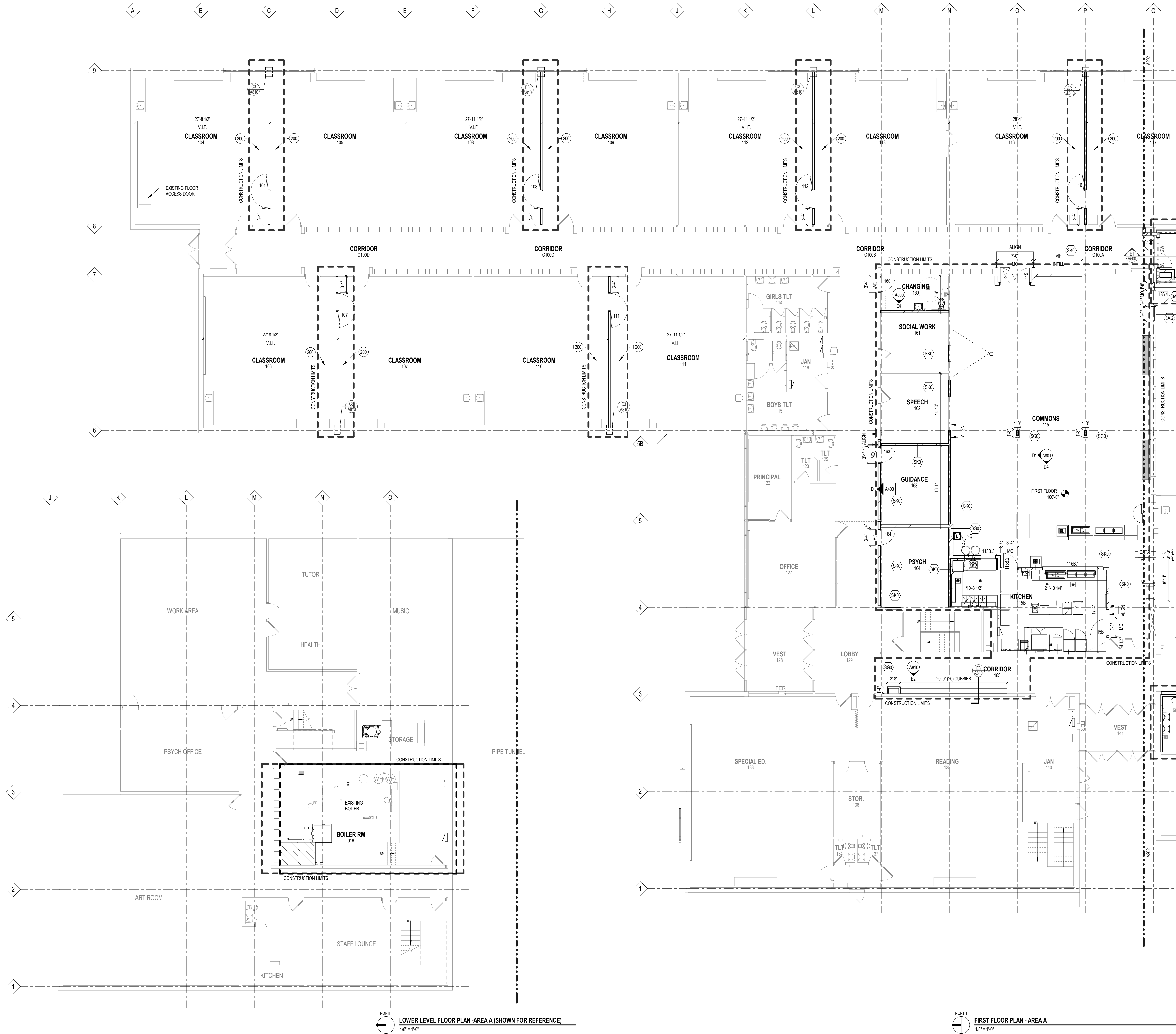
DEMOLITION PLAN NOTES	
NOTE #	DEMOLITION PLAN NOTE
100	REMOVE OPERABLE PARTITION AND FRAMING ABOVE.
102	REFER TO CIVIL DRAWINGS FOR STOOP REMOVAL.
104	REMOVE GLASS PARTITION
105	REMOVE SERVING COUNTER AND OVERHEAD DOOR
106	REMOVE STAINLESS STEEL KITCHEN PREP COUNTER
107	REMOVE SOFFIT OVER DOORWAY
108	MODIFY SOFFIT FOR NEW WALL CONSTRUCTION
109	REMOVE ACOUSTICAL CEILING TILE SOFFIT
110	REMOVE CANOPY ABOVE



NORTH  
FIRST FLOOR OVERALL PLAN  
1/16" = 1'-0"



NORTH  
LOWER LEVEL OVERALL PLAN (SHOWN FOR REFERENCE)  
1/16" = 1'-0"



**LOWER LEVEL FLOOR PLAN - AREA A (SHOWN FOR REFERENCE)**  
1/8" = 1'-0"

**FIRST FLOOR PLAN - AREA A**  
1/8" = 1'-0"



**FLOOR PLAN SYMBOLS LEGEND**

	EXISTING WALLS TO REMAIN		NEW WALL/PARTITION
	EXISTING DOOR TO REMAIN		NEW DOOR
	SECTION REFERENCE		EXISTING DOOR RECEIVING NEW WORK - REFER TO DOOR SCHEDULE
	EXTERIOR ELEVATION		DETAIL REFERENCE
	INTERIOR ELEVATION		WINDOW TYPE
	FLOOR PLAN NOTE		WALL/PARTITION TYPE
	CONSTRUCTION LIMITS		FLOOR DRAIN - FLUSH WITH FINISHED FLOOR
	ONE HOUR RATED FIRE PARTITION		FLOOR CLEAN OUT
	TWO HOUR RATED FIRE WALL		SEMI-RECESSED FIRE EXTINGUISHER - REFER TO DETAIL B5 / A810

**FLOOR PLAN GENERAL NOTES**

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

C. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.

D. CONTRACTOR TO VERIFY FLOOR TO FLOOR HEIGHTS.

**FLOOR PLAN NOTES**

NOTE #	FLOOR PLAN NOTE
200	PATCH AND REPAIR FLOOR AS NEEDED AROUND NEW WALL. CENTER WALL ON EXISTING PARTITION OPENING.
201	TACK STRIPS, MOUNT 6'-0" AFF AND 6" FROM EACH END WALL.
202	CONCRETE STOOP.

**EXTERIOR WALL TYPE SCHEDULE**

MARK	ASSEMBLY DESCRIPTION
L1.1	PANEL WALL SYSTEM CONSISTING OF 1" METAL PANEL, 1-3/8" HAT CHANNEL ON 5/8" GYPSUM SHEATHING, 6" 16 GA GALVANIZED COLD FORMED STEEL STUDS @ 16" OC.
3A.1	MASONRY CAVITY WALL CONSISTING OF 4" FACE BRICK, 1-3/4" AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 8" CONCRETE MASONRY UNIT STACKED BOND BACK-UP WALL WITH ADJUSTABLE (TWO-PIECE) HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING). PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, CAVITY WEEPSVENTS @ 24" OC AND MASONRY EXPANSION AND CONTROL JOINTS. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPSVENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL A2/A800.
3A.2	MULTI-WYTHE MASONRY WALL CONSISTING OF 4" FACE BRICK WITH 8" CONCRETE MASONRY UNIT STACKED BOND BACK-UP WALL. PROVIDE HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING). WEEPS @ 16" OC. FLASHING, EXPANSION AND CONTROL JOINTS.
3.1.1	METAL PANEL WALL CONSISTING OF 1" METAL PANEL, 1-3/8" AIR SPACE FOR MOUNTING CHANNEL, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 8" CONCRETE MASONRY UNIT STACKED BOND BACK-UP WALL WITH ADJUSTABLE (TWO-PIECE) HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING). PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, CAVITY WEEPSVENTS @ 24" OC AND MASONRY EXPANSION AND CONTROL JOINTS. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPSVENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL C2/A800.

**INTERIOR PARTITION SCHEDULE**

MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION	STC
A60	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE				
A1.0	1" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE				
B60	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE			3-1/2" SOUND	
G60	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD				
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD				
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD				
H60	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD			FULL WIDTH SOUND	
SK0	8" CONCRETE BLOCK				
SNO	8" CONCRETE BLOCK				
SN1	8" CONCRETE BLOCK	1 HR			
SN2	8" CONCRETE BLOCK	2 HR			
SS0	12" CONCRETE BLOCK				
SS1	12" CONCRETE BLOCK	1 HR			
SS2	12" CONCRETE BLOCK	2 HR			
V60	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD				

**GYPSUM BOARD PARTITIONS GENERAL NOTES**

A. ALL GYPSUM BOARD PARTITIONS SHALL BE (600) UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. PROVIDE ABUSE-RESISTANT WALL PROTECTION ON ALL NEW GYPSUM BOARD WALLS IN CLASSROOMS, 4'-0" AFF.

D. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

E. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

F. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

G. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL A6 / A810.

**MASONRY PARTITIONS GENERAL NOTES**

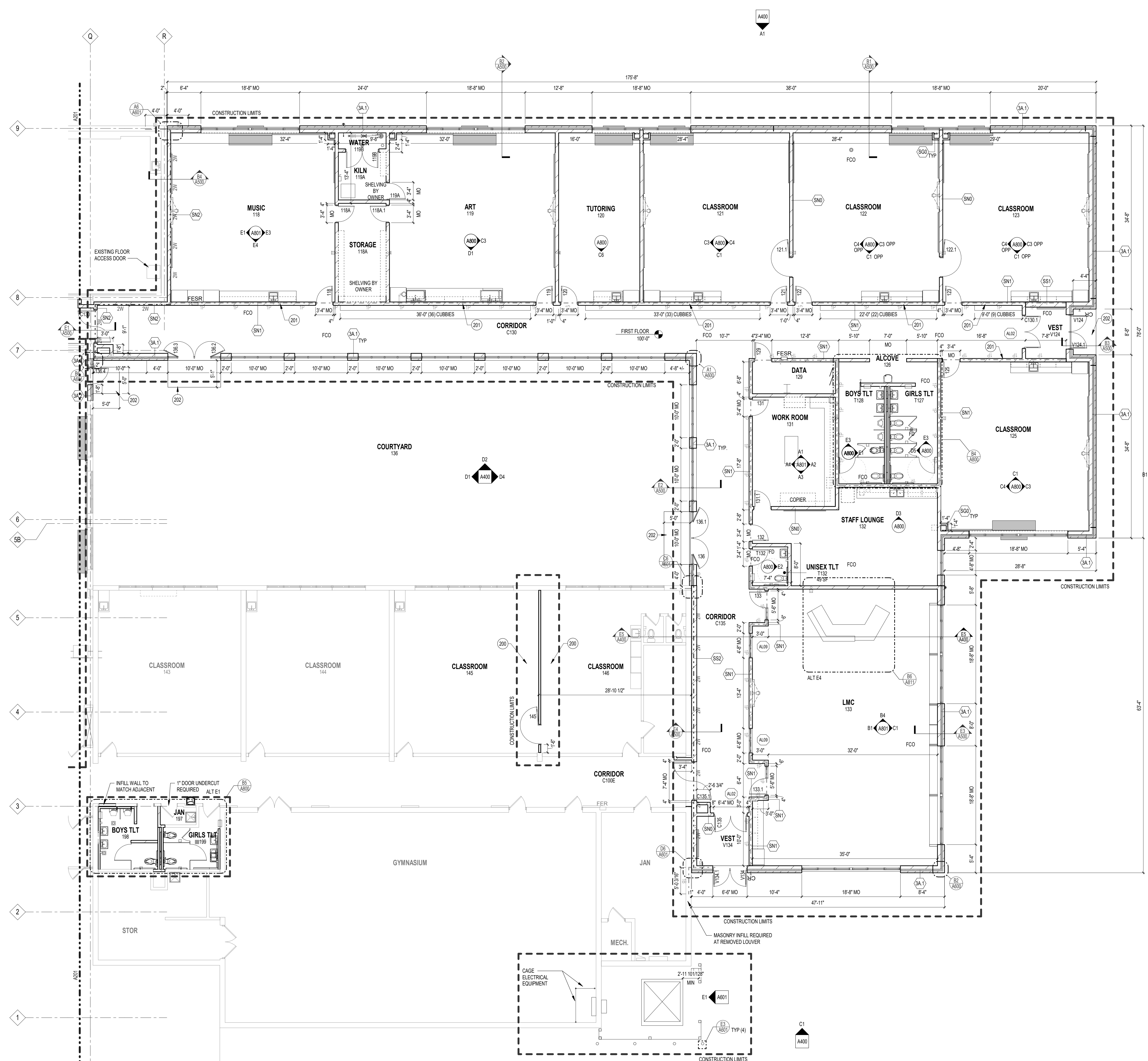
A. MASONRY PARTITIONS INDICATED WITH THE FOLLOWING HATCH PATTERN:

B. ALL MASONRY PARTITIONS SHALL BE 8" CONCRETE BLOCK UNLESS OTHERWISE NOTED OR DIMENSIONED. REFER TO FLOOR PLAN FOR PARTITION THICKNESS.

C. PROVIDE UL RATED CONCRETE BLOCK AT ALL FIRE RATED PARTITIONS.

D. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL RATED PARTITIONS.

E. EXTEND CONCRETE BLOCK PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE (OR PRECAST PLANK ABOVE IF APPLICABLE). REFER TO DETAIL A2 / A810. PROVIDE HORIZONTAL MASONRY JOINT REINFORCEMENT AT 16" OC VERTICALLY. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.



**FLOOR PLAN SYMBOLS LEGEND**

	EXISTING WALLS TO REMAIN		NEW WALL PARTITION
	EXISTING DOOR TO REMAIN		NEW DOOR
	SECTION REFERENCE		EXISTING DOOR RECEIVING NEW WORK - REFER TO DOOR SCHEDULE
	EXTERIOR ELEVATION		DETAIL REFERENCE
	INTERIOR ELEVATION		WINDOW TYPE
	FLOOR PLAN NOTE		WALL PARTITION TYPE
	CONSTRUCTION LIMITS		FLOOR DRAIN - FLUSH WITH FINISHED FLOOR
	ONE HOUR RATED FIRE PARTITION		FLOOR CLEAN OUT
	TWO HOUR RATED FIRE WALL		SEMI-RECESSED FIRE EXTINGUISHER - REFER TO DETAIL BS1/AB10

**FLOOR PLAN GENERAL NOTES**

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

C. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.

D. CONTRACTOR TO VERIFY FLOOR TO FLOOR HEIGHTS

**FLOOR PLAN NOTES**

NOTE #	FLOOR PLAN NOTE
200	PATCH AND REPAIR FLOOR AS NEEDED AROUND NEW WALL. CENTER WALL ON EXISTING PARTITION OPENING.
201	TACK STRIPS MOUNT 6'-0" AFF AND 6" FROM EACH END WALL
202	CONCRETE STOOP

**EXTERIOR WALL TYPE SCHEDULE**

MARK	ASSEMBLY DESCRIPTION
11.1	PANEL WALL SYSTEM CONSISTING OF 1" METAL PANEL, 1-3/8" HAT CHANNEL ON 5/8" GYPSUM SHEATHING, 6" 16 GA GALVANIZED COLD-FORMED STEEL STUDS @ 16" OC.
3A.1	MASONRY CAVITY WALL CONSISTING OF 4" FACE BRICK, 1-3/4" AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 8" CONCRETE MASONRY UNIT STACKED BOND BACK-UP WALL WITH ADJUSTABLE (TWO-PIECE) HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING). PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, CAVITY WEEPSVENTS @ 24" OC AND MASONRY EXPANSION AND CONTROL JOINTS. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPSVENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL CA2600.
3A.2	MULTI-WYTHE MASONRY WALL CONSISTING OF 4" FACE BRICK WITH 8" CONCRETE MASONRY UNIT STACKED BOND BACK-UP. PROVIDE HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING, WEEPS @ 16" OC, FLASHING, EXPANSION AND CONTROL JOINTS.
3U.1	METAL PANEL WALL CONSISTING OF 1" METAL PANEL, 1-3/8" AIR SPACE FOR MOUNTING CHANNEL, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 8" CONCRETE MASONRY UNIT STACKED BOND BACK-UP WALL WITH ADJUSTABLE (TWO-PIECE) HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING). PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, CAVITY WEEPSVENTS @ 24" OC AND MASONRY EXPANSION AND CONTROL JOINTS. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPSVENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL CA2600.

**INTERIOR PARTITION SCHEDULE**

MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION	STC
AG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	-	-	-	-
AL0	8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	-	-	-	-
BQ0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	-	-	3-1/2" SOUND	-
GD0	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	-	-
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	-	-
GS0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	-	-
HG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	FULL WIDTH SOUND	-
SK0	8" CONCRETE BLOCK.	-	-	-	-
SN0	8" CONCRETE BLOCK.	-	-	-	-
SN1	8" CONCRETE BLOCK.	1 HR	-	-	-
SN2	8" CONCRETE BLOCK.	2 HR	-	-	-
SS0	12" CONCRETE BLOCK.	-	-	-	-
SS1	12" CONCRETE BLOCK.	1 HR	-	-	-
SS2	12" CONCRETE BLOCK.	2 HR	-	-	-
VA0	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD.	-	-	-	-

**GYPSUM BOARD PARTITIONS GENERAL NOTES**

A. ALL GYPSUM BOARD PARTITIONS SHALL BE (BQ0) UNLESS OTHERWISE NOTED ON FLOOR PLAN.

B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).

C. PROVIDE ABUSE-RESISTANT WALL PROTECTION ON ALL NEW GYPSUM BOARD WALLS IN CLASSROOMS, 4'-0" AFF.

D. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.

E. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.

F. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.

G. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE (OR PRECAST PLANK ABOVE IF APPLICABLE). REFER TO DETAIL A2 / AB10 PROVIDE HORIZONTAL MASONRY JOINT REINFORCEMENT AT 16" OC VERTICALLY. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.

**MASONRY PARTITIONS GENERAL NOTES**

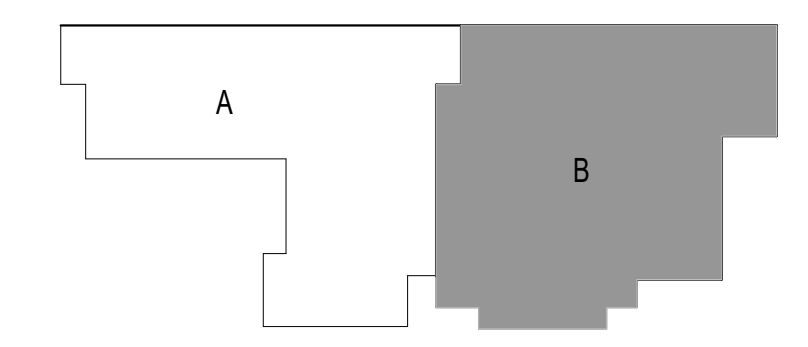
A. MASONRY PARTITIONS INDICATED WITH THE FOLLOWING HATCH PATTERN:

B. ALL MASONRY PARTITIONS SHALL BE 8" CONCRETE BLOCK UNLESS OTHERWISE NOTED OR DIMENSIONED. REFER TO FLOOR PLAN FOR PARTITION THICKNESS.

C. PROVIDE 1/4" LATER CONCRETE BLOCK AT ALL FIRE RATED PARTITIONS.

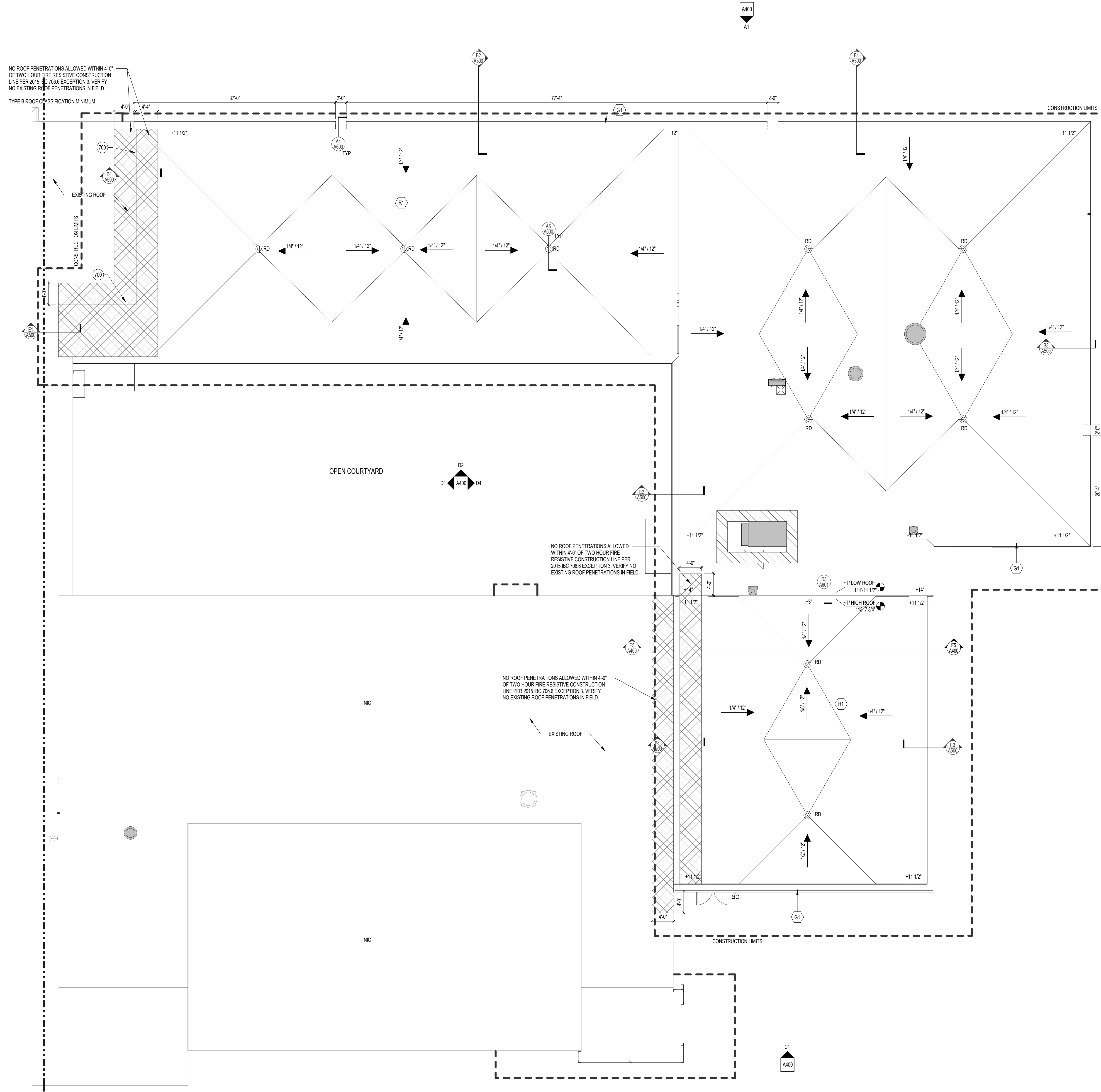
D. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL RATED PARTITIONS.

E. EXTEND CONCRETE BLOCK PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE (OR PRECAST PLANK ABOVE IF APPLICABLE). REFER TO DETAIL A2 / AB10 PROVIDE HORIZONTAL MASONRY JOINT REINFORCEMENT AT 16" OC VERTICALLY. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.



KEY PLAN

NORTH  
FIRST FLOOR PLAN - AREA B  
1/8" = 1'-0"



NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0\"/>

NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0\"/>

NO ROOF PENETRATIONS ALLOWED WITHIN 4'-0\"/>

**ROOF PLAN SYMBOLS LEGEND**

- ← 1/4" / 12" DIRECTION OF STRUCTURAL SLOPE TO DRAIN
- ↘ 1/4" / 12" DIRECTION OF INSULATION TAPER SLOPE TO DRAIN
- 1 A101 DETAIL REFERENCE
- TAPERED INSULATION VALLEY OR RIDGE
- ⊙ RD00 ROOF DRAIN / OVERFLOW DRAIN
- +x" TAPERED INSULATION THICKNESS
- ▨ LOCATION OF CONCRETE PAVEMENT WALKWAY
- ⊙ ROOF PLAN NOTE
- - - CONSTRUCTION LIMITS
- ⊗ NO ROOF PENETRATIONS

**ROOF PLAN GENERAL NOTES**

A. COORDINATE AND VERIFY ALL ROOF OPENINGS AND PENETRATIONS WITH STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL REQUIREMENTS.

B. PROVIDE WATER TIGHT INTEGRITY AT ALL PENETRATIONS AND EQUIPMENT PER ROOFING MANUFACTURERS STANDARD DETAILS AND REQUIREMENTS FOR WARRANTY AND CURRENT NRCA STANDARDS.

C. PROVIDE POSITIVE ROOF DRAINAGE INCLUDING TAPERED INSULATION LAYOUT. PROVIDE SADDLES AND CRICKETS AT ALL ROOF TOP EQUIPMENT AND PENETRATIONS TO ENSURE POSITIVE DRAINAGE.

D. PROVIDE 24" WIDE CONCRETE PAVEMENT FLEXIBLE WALKWAY FROM ROOF SCUTTLE TO ALL MECHANICAL ROOFTOP UNITS AND ALL ROOF ACCESS LADDERS. PROVIDE PAVERS AROUND PERIMETER OF ROOF SCUTTLE AND HVAC ROOFTOP UNITS. PROVIDE PAVERS AT LANDINGS BELOW ROOF ACCESS LADDERS.

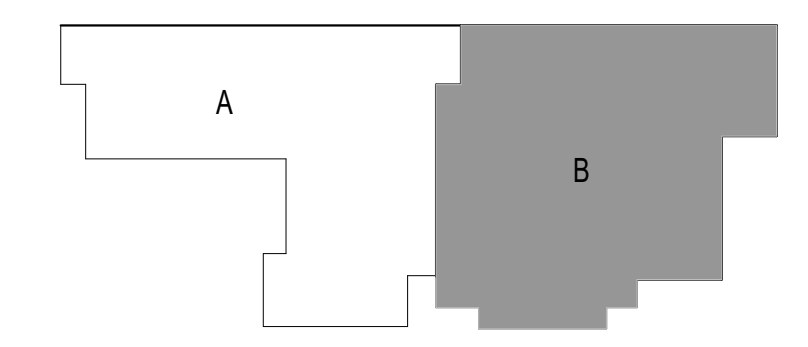
E. MINIMUM ALLOWABLE INSULATION TAPER SLOPE SHALL BE 1/4" PER FOOT UNLESS NOTED OTHERWISE.

**ROOF PLAN NOTES**

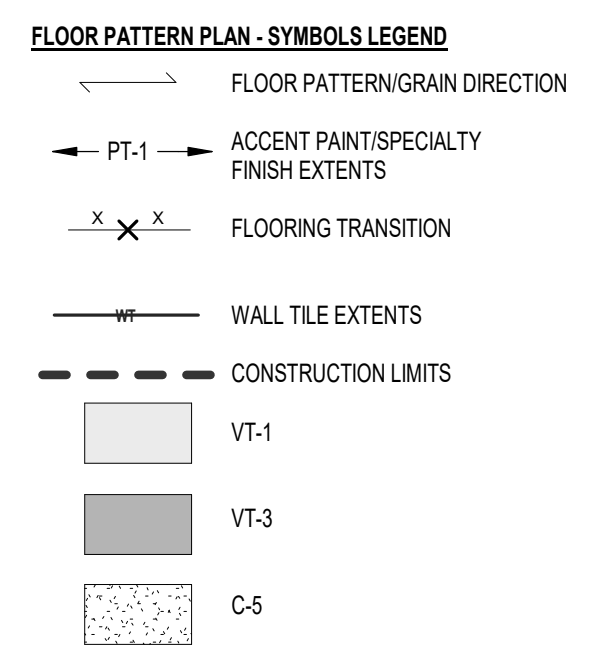
NOTE #	ROOF PLAN NOTE
700	REMOVE GRAVEL STOP AS REQUIRED.

**CONSTRUCTION TYPES**

TAG	CONSTRUCTION DESCRIPTION
C1A	2X2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C2	5/8" GYPSUM BOARD CEILING ON METAL FRAMING SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C14	EXTERIOR SOFFIT: METAL SOFFIT PANEL SYSTEM (HALF PERFORATED) ON 3/8" GALVANIZED COLD FORMED STEEL STUDS @ 16" OC. BOB: PAC-CLAD FLUSH SOLID SOFFIT PANELS.
E2	ALUMINUM STOREFRONT SYSTEM WITH INSULATING GLASS.
E3	ALUMINUM ENTRANCE SYSTEM WITH 1/4" TEMPERED INSULATING GLASS.
E7	INSULATED STEEL DOOR WITH INSULATING GLASS.
G1	METAL FASCIA SYSTEM: METAL GRAVEL STOP ON 2x WOOD BLOCKING.
G1A	METAL FASCIA SYSTEM: METAL FASCIA ROOF DRAIN OVERFLOW RELIEF.
G5	METAL COUNTERFLASHING: ONE PIECE SURFACE MOUNTED METAL COUNTERFLASHING WITH MECHANICAL FASTENERS @ 12" OC WITH NEOPRENE WASHERS @ EXPOSED FASTENER HEADS.
J1	PRECAST CONCRETE SILL. SEE DETAIL E11A00 FOR PROFILES.
R1	REINFORCED CONCRETE SLAB ON VAPOR BARRIER ON DRAINAGE FILL.

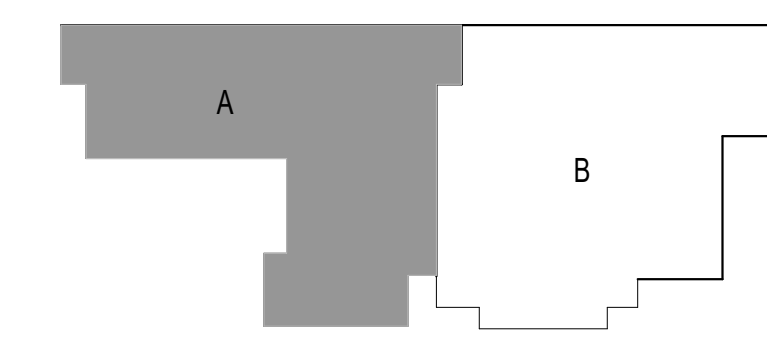


NORTH  
FIRST FLOOR ROOF PLAN - AREA B  
1/8" = 1'-0"



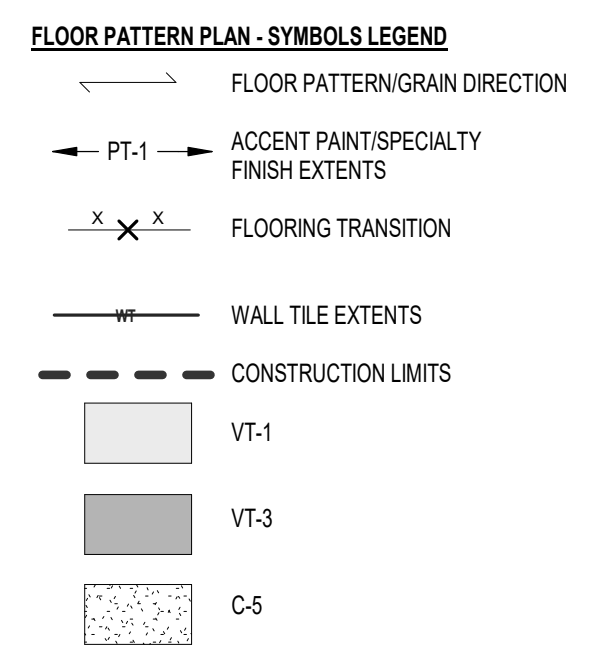
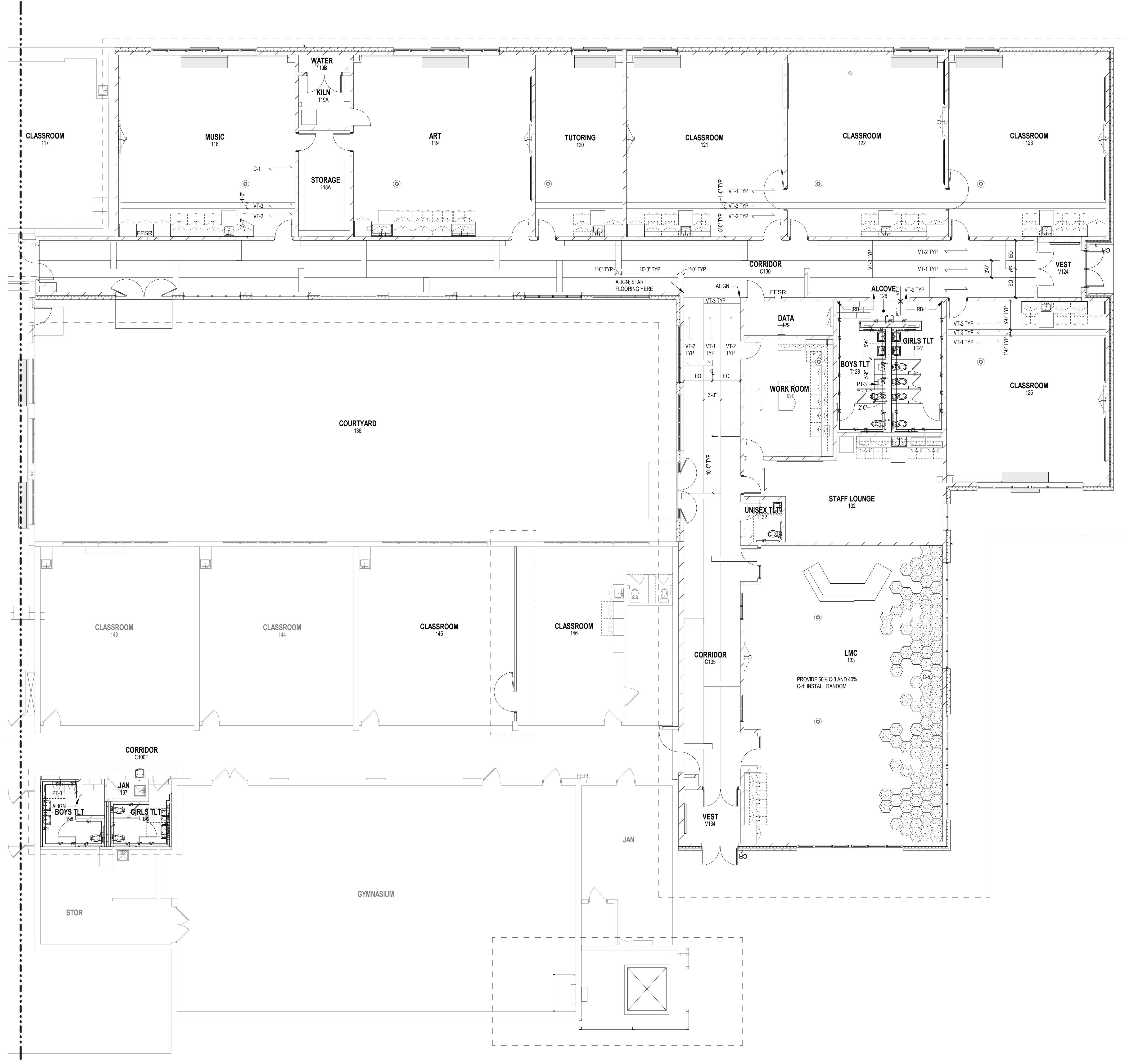
**FLOOR PATTERN PLAN - GENERAL NOTES**

- A. PRIOR TO FLOORING INSTALLATION, SCHEDULE A PRE-INSTALLATION CONFERENCE ON SITE WITH INTERIOR DESIGNER TO COORDINATE FLOORING LAYOUT.
- B. PROVIDE A FLUSH TRANSITION BETWEEN FLOORING MATERIALS OF VARYING HEIGHTS. PROVIDE TRANSITION STRIPS AND REDUCERS AS NECESSARY. PRIOR TO FLOORING INSTALLATION, SUBMIT SAMPLES OF PROFILE TO INTERIOR DESIGNER FOR APPROVAL AND COLOR SELECTION.
- C. FOR EACH HEAT WELDED RESILIENT FLOOR SPECIFIED, PROVIDE MANUFACTURER'S RECOMMENDED MATCHING WELD ROD. PRIOR TO FLOORING INSTALLATION, PROVIDE SAMPLE TO INTERIOR DESIGNER FOR APPROVAL.
- D. AT AREAS WHERE INTEGRAL RESILIENT BASE IS SPECIFIED, BASE TO BE FLASH COVED AND AT LEAST 6" HIGH. PROVIDE METAL CAP STRIP.
- E. CARPET C-1 TO BE INSTALLED IN A ASHLAR INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.
- F. CARPET C-2 TO BE INSTALLED IN A NON DIRECTIONAL INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.
- G. CARPET C-3-4.5 TO BE INSTALLED IN A MONOLITHIC INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.
- H. VINYL TILE VT-1-2.3 TO BE INSTALLED IN A 1/3 OFFSET INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION. UNLESS NOTED OTHERWISE.
- I. AT AREAS WHERE TILE IS SCHEDULED TO CONTINUE UP ON TO THE WALL FROM THE FLOOR, GROUT LINES BETWEEN FLOOR AND WALL TILES ARE TO ALIGN, UNLESS OTHERWISE NOTED.
- J. PROVIDE GROUT GR-1 WITH PORCELAIN TILE 1.2.3 AND GR-2 WITH CERAMIC TILE CT-1.2.3.
- K. AT AREAS WHERE FLOORING IS INDICATED TO ALIGN WITH AN ARCHITECTURAL ELEMENT SUCH AS COLUMN OR PLASTER, ETC. EDGE OF FLOORING TO ALIGN WITH EDGE OF FINISHED INSTALLED BASE.
- L. PORCELAIN TILE PT-1 TO BE INSTALLED IN A 1/3 OFFSET INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.



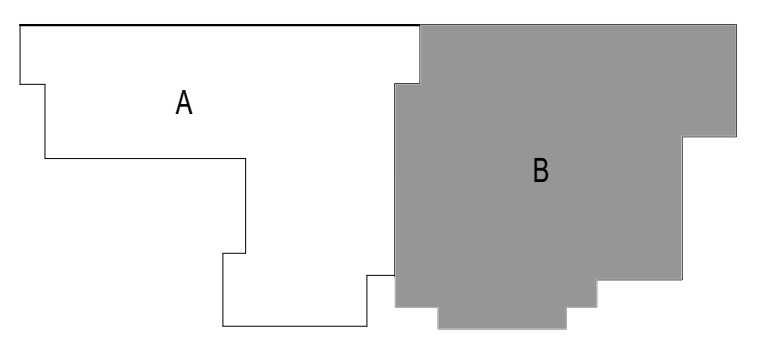
KEY PLAN

NORTH  
FIRST FLOOR PATTERN PLAN - AREA A  
1/8" = 1'-0"



**FLOOR PATTERN PLAN - GENERAL NOTES**

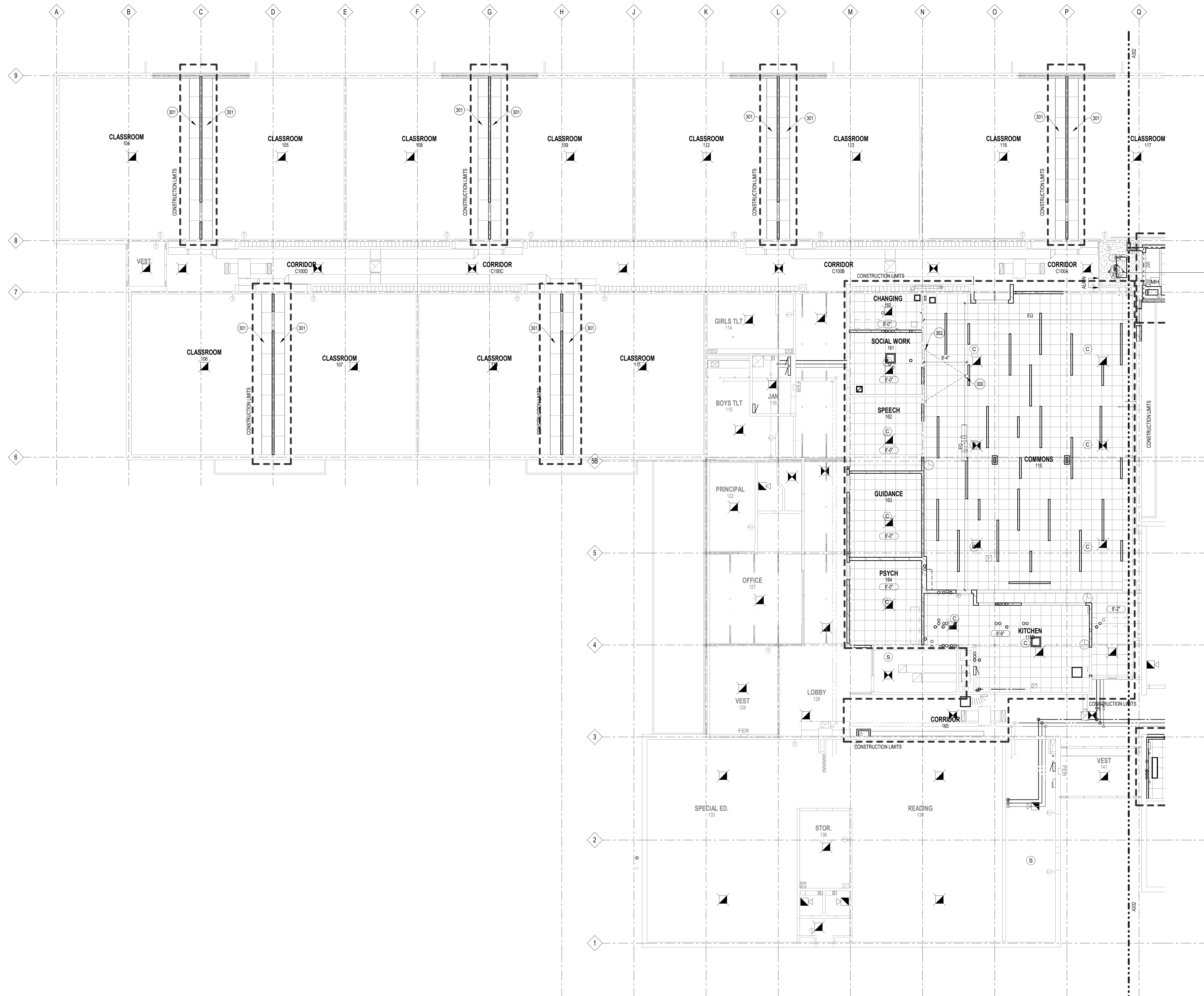
- A. PRIOR TO FLOORING INSTALLATION, SCHEDULE A PRE-INSTALLATION CONFERENCE ON SITE WITH INTERIOR DESIGNER TO COORDINATE FLOORING LAYOUT.
- B. PROVIDE A FLUSH TRANSITION BETWEEN FLOORING MATERIALS OF VARYING HEIGHTS. PROVIDE TRANSITION STRIPS AND REDUCERS AS NECESSARY. PRIOR TO FLOORING INSTALLATION, SUBMIT SAMPLES OF PROFILE TO INTERIOR DESIGNER FOR APPROVAL AND COLOR SELECTION.
- C. FOR EACH HEAT WELDED RESILIENT FLOOR SPECIFIED, PROVIDE MANUFACTURER'S RECOMMENDED MATCHING WELD ROD. PRIOR TO FLOORING INSTALLATION, PROVIDE SAMPLE TO INTERIOR DESIGNER FOR APPROVAL.
- D. AT AREAS WHERE INTEGRAL RESILIENT BASE IS SPECIFIED, BASE TO BE FLASH COVERED AND AT LEAST 6" HIGH. PROVIDE METAL CAP STRIP.
- E. CARPET C-1 TO BE INSTALLED IN A ASHLAR INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.
- F. CARPET C-2 TO BE INSTALLED IN A NON DIRECTIONAL INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.
- G. CARPET C-3,4,5 TO BE INSTALLED IN A MONOLITHIC INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.
- H. VINYL TILE VT-1,2,3 TO BE INSTALLED IN A 1/3 OFFSET INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION. UNLESS NOTED OTHERWISE.
- I. AT AREAS WHERE TILE IS SCHEDULED TO CONTINUE UP ON TO THE WALL FROM THE FLOOR, GROUT LINES BETWEEN FLOOR AND WALL TILES ARE TO ALIGN, UNLESS OTHERWISE NOTED.
- J. PROVIDE GROUT GR-1 WITH PORCELAIN TILE 1.2.3 AND GR-2 WITH CERAMIC TILE CT-1.2.3.
- K. AT AREAS WHERE FLOORING IS INDICATED TO ALIGN WITH AN ARCHITECTURAL ELEMENT SUCH AS COLUMN OR PLASTER, ETC., EDGE OF FLOORING TO ALIGN WITH EDGE OF FINISHED INSTALLED BASE.
- L. PORCELAIN TILE PT-1 TO BE INSTALLED IN A 1/3 OFFSET INSTALLATION PER MANUFACTURER'S WRITTEN INSTRUCTIONS. REFER TO FLOOR PATTERN PLAN FOR PATTERN INSTALLATION DIRECTION.



NORTH  
FIRST FLOOR PATTERN PLAN - AREA B  
1/8" = 1'-0"

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DRAWN BY: Author





**REFLECTED CEILING PLAN SYMBOLS LEGEND**

	2'-0" x 4'-0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE		CEILING HEIGHT
	2'-0" x 2'-0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE		REFLECTED CEILING PLAN NOTE
	GYPSUM BOARD CEILING OR BULKHEAD		CONSTRUCTION LIMITS
	DETAIL REFERENCE		ONE HOUR RATED FIRE PARTITION
			TWO HOUR RATED FIRE BARRIER

**REFLECTED CEILING PLAN GENERAL NOTES**

A. PERIMETER CEILING TILES SHALL NOT BE LESS THAN 4".

B. LOCATE ALL SPRINKLER HEADS, SMOKE DETECTORS, AUDIO SPEAKERS, HEAT SENSORS IN THE CENTER OF CEILING TILE (OR IN THE CENTER OF THE RAISED/RECESSED FIELD OF A PATTERNED TILE).

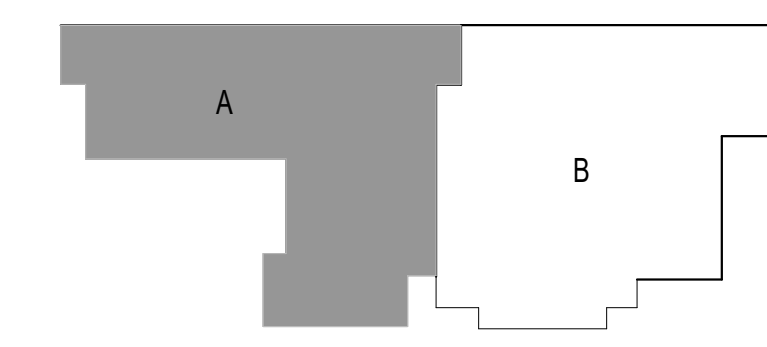
C. REMOVE EXISTING CEILING SYSTEM WHERE NEW WALLS PENETRATE EXISTING CEILING SYSTEMS TO REMAIN. PATCH TO MATCH EXISTING CEILING SYSTEM TO NEW WALL.

D. CEILING HEIGHTS SHALL BE 9'-0" UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLANS.

E. MEP CEILING MOUNTED EQUIPMENT IS SHOWN FOR REFERENCE ONLY. REFER TO MEP DRAWINGS FOR SPECIFIC SYMBOLS AND LEGENDS.

**REFLECTED CEILING PLAN NOTES**

NOTE #	REFLECTED CEILING PLAN NOTE
300	CEILING MOUNTED PROJECTOR
301	PATCH AND REPAIR CEILING AS NEEDED AROUND NEW WALL
302	CEILING MOUNTED DROP SCREEN

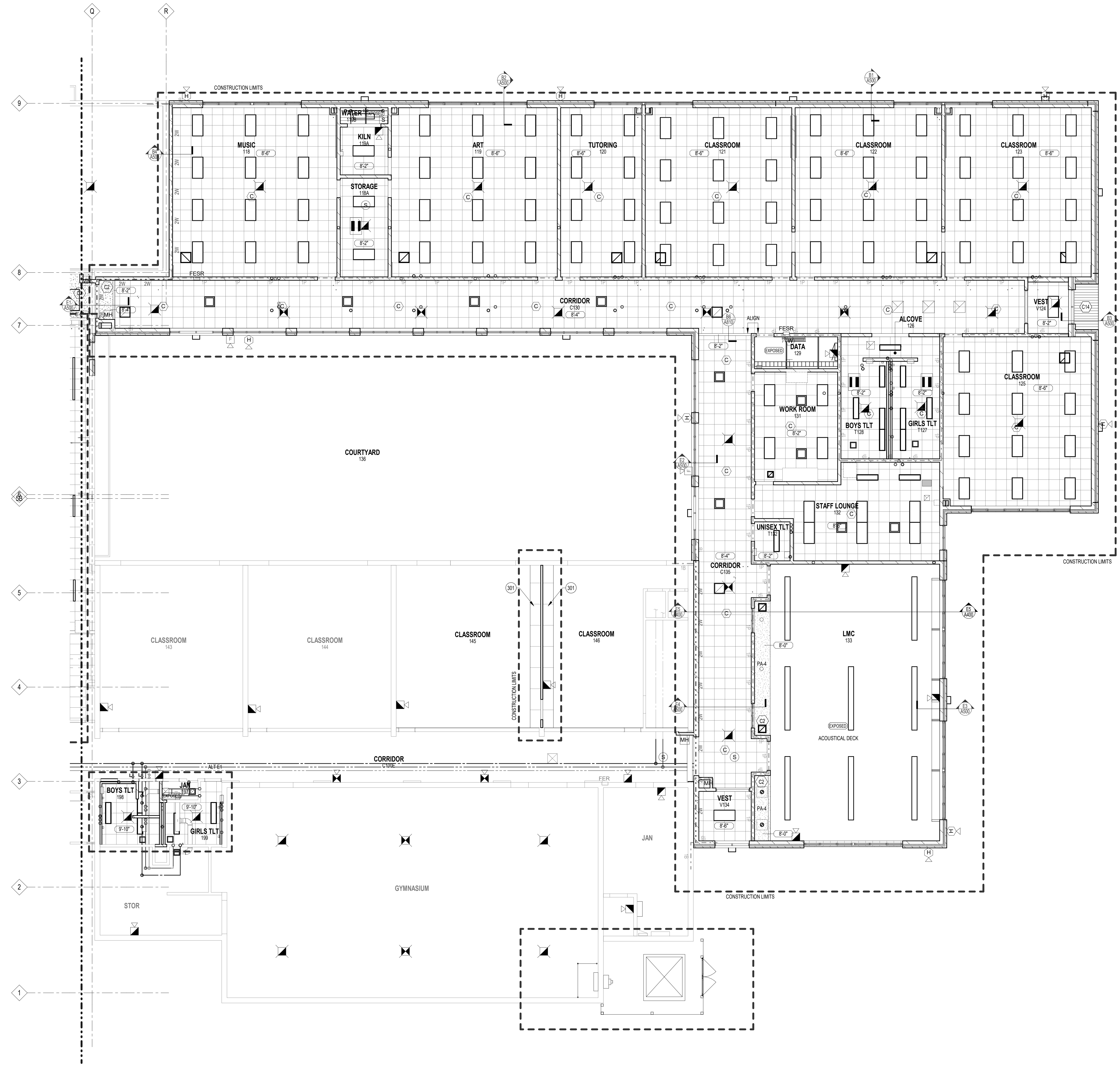


**KEY PLAN**

NORTH  
FIRST FLOOR REFLECTED CEILING PLAN - AREA A  
1/8" = 1'-0"

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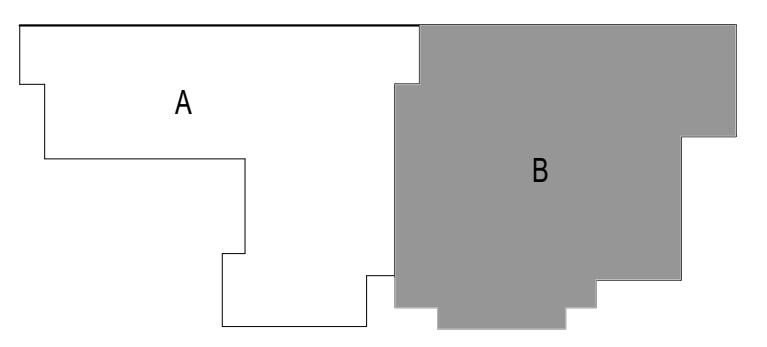
**REFLECTED CEILING PLAN SYMBOLS LEGEND**

	2'0" x 4'0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE		CEILING HEIGHT
	2'0" x 2'0" SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE		REFLECTED CEILING PLAN NOTE
	GYPSUM BOARD CEILING OR BULKHEAD		CONSTRUCTION LIMITS
	DETAIL REFERENCE		ONE HOUR RATED FIRE PARTITION
			TWO HOUR RATED FIRE BARRIER

- REFLECTED CEILING PLAN GENERAL NOTES**
- A. PERIMETER CEILING TILES SHALL NOT BE LESS THAN 4".
  - B. LOCATE ALL SPRINKLER HEADS, SMOKE DETECTORS, AUDIO SPEAKERS, HEAT SENSORS IN THE CENTER OF CEILING TILE (OR IN THE CENTER OF THE RAISED/RECESSED FIELD OF A PATTERNED TILE).
  - C. REMOVE EXISTING CEILING SYSTEM WHERE NEW WALLS PENETRATE EXISTING CEILING SYSTEMS TO REMAIN. PATCH TO MATCH EXISTING CEILING SYSTEM TO NEW WALL.
  - D. CEILING HEIGHTS SHALL BE 9'-0" UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLANS.
  - E. MEP CEILING MOUNTED EQUIPMENT IS SHOWN FOR REFERENCE ONLY. REFER TO MEP DRAWINGS FOR SPECIFIC SYMBOLS AND LEGENDS.

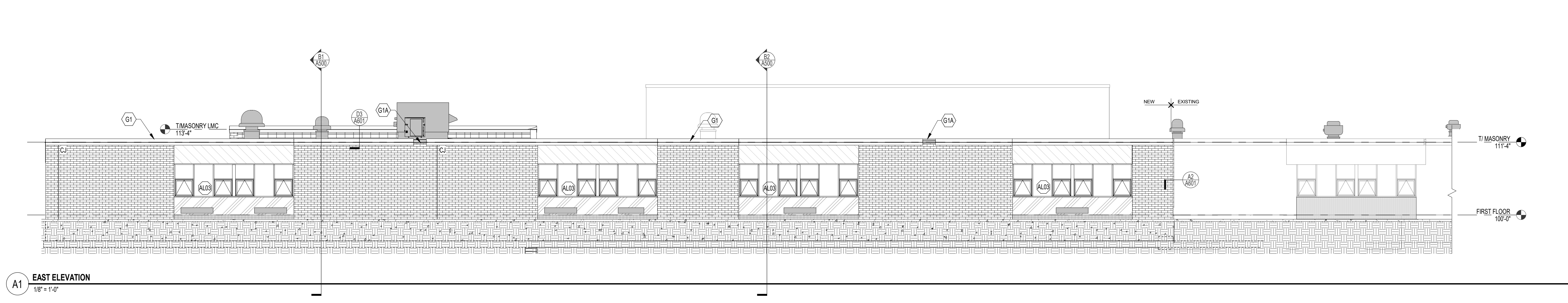
**REFLECTED CEILING PLAN NOTES**

NOTE #	REFLECTED CEILING PLAN NOTE
300	CEILING MOUNTED PROJECTOR
301	PATCH AND REPAIR CEILING AS NEEDED AROUND NEW WALL
302	CEILING MOUNTED DROP SCREEN

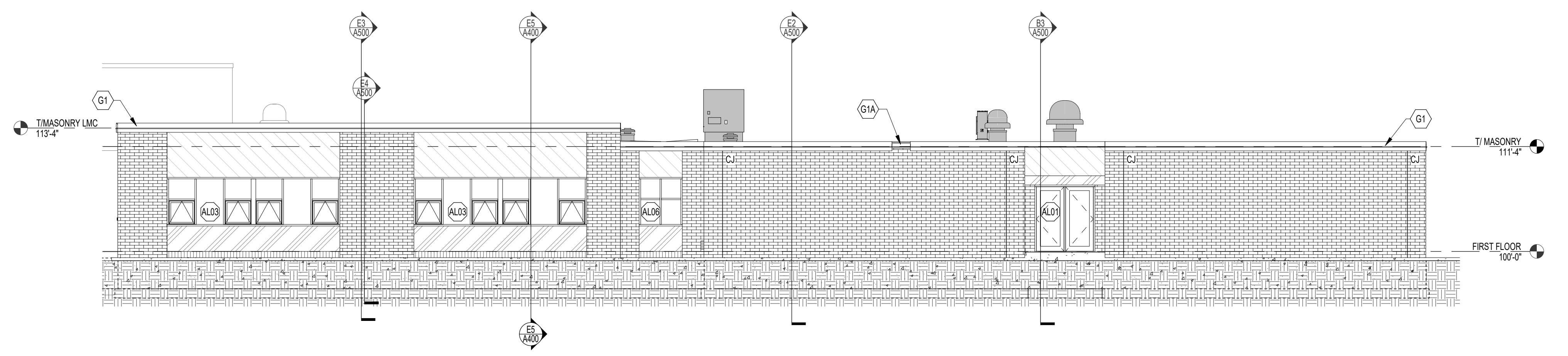


KEY PLAN

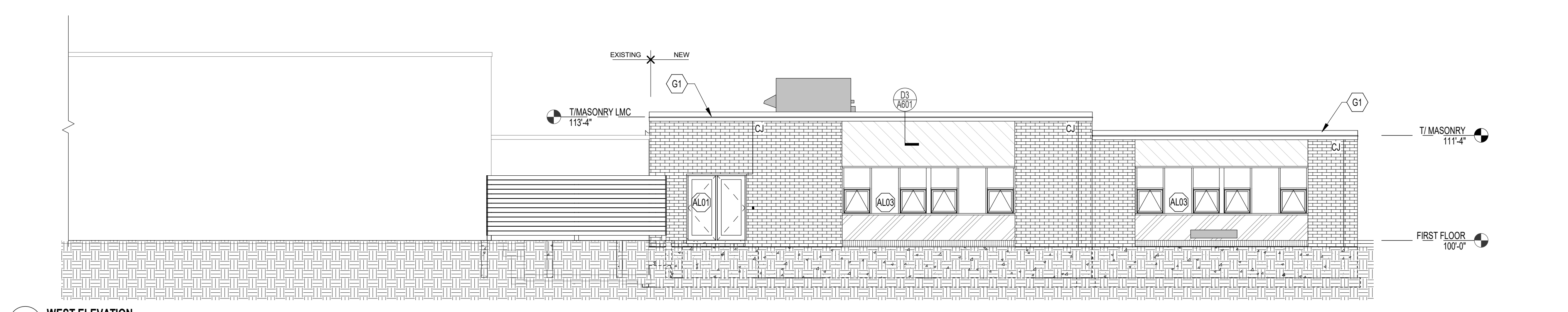
NORTH  
FIRST FLOOR REFLECTED CEILING PLAN - AREA B  
1/8" = 1'-0"



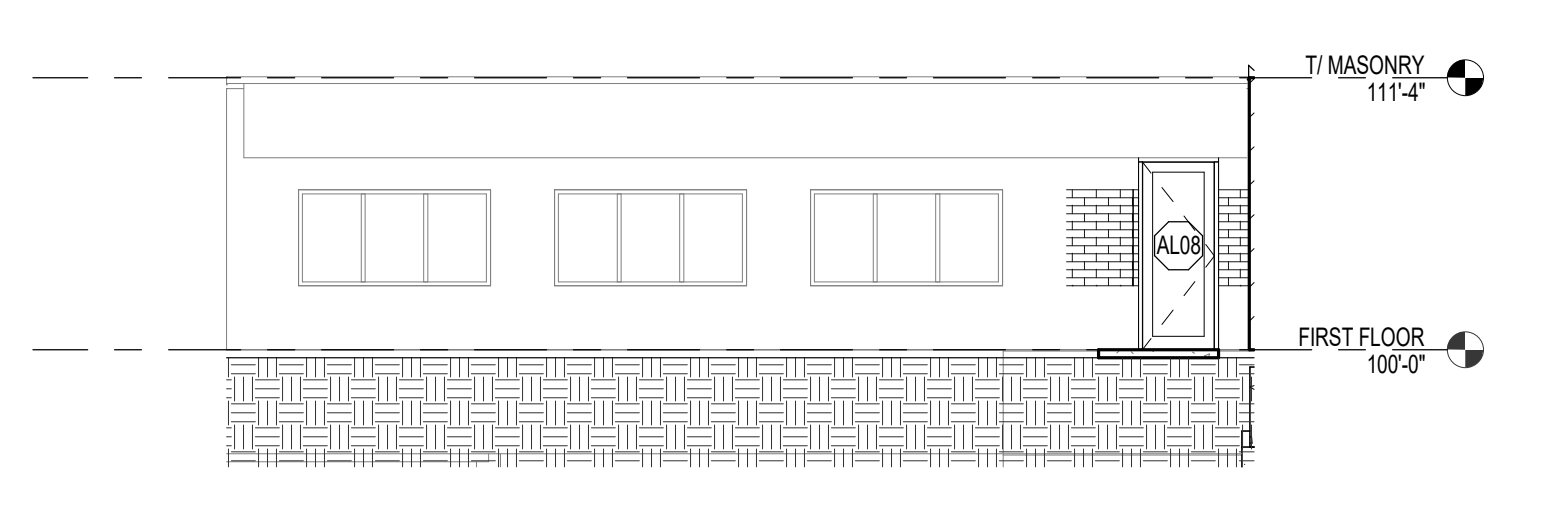
**A1 EAST ELEVATION**  
1/8" = 1'-0"



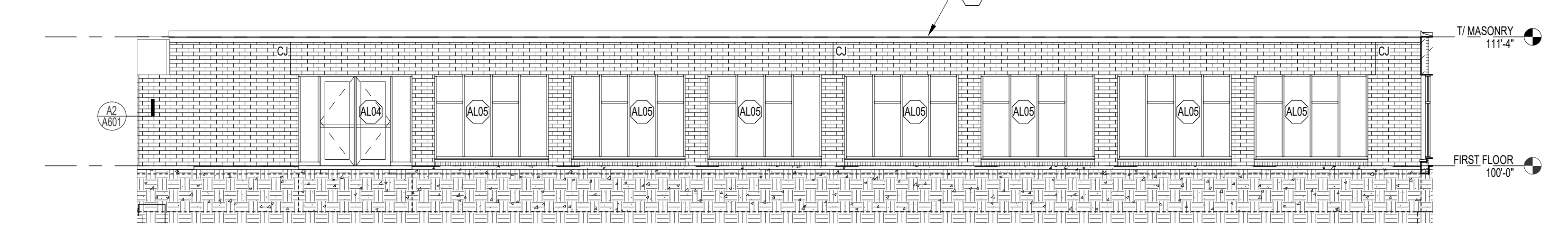
**B1 SOUTH ELEVATION**  
1/8" = 1'-0"



**C1 WEST ELEVATION**  
1/8" = 1'-0"



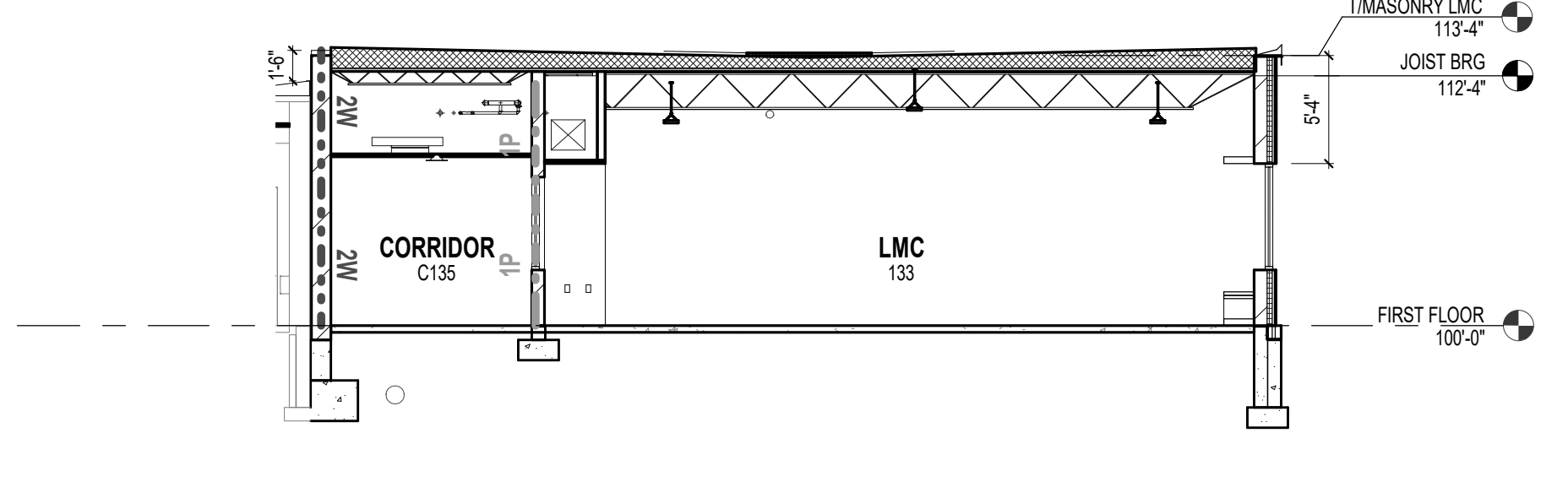
**D1 COURTYARD - NORTH ELEVATION**  
1/8" = 1'-0"



**D2 COURTYARD - EAST ELEVATION**  
1/8" = 1'-0"



**D4 COURTYARD - SOUTH ELEVATION**  
1/8" = 1'-0"



**E5 BUILDING SECTION THRU LMC**  
1/8" = 1'-0"

- EXTERIOR ELEVATIONS SYMBOLS LEGEND**
- SECTION REFERENCE
  - ELEVATION NOTE
  - DETAIL REFERENCE
  - WINDOW TYPE
  - CONSTRUCTION KEYNOTE

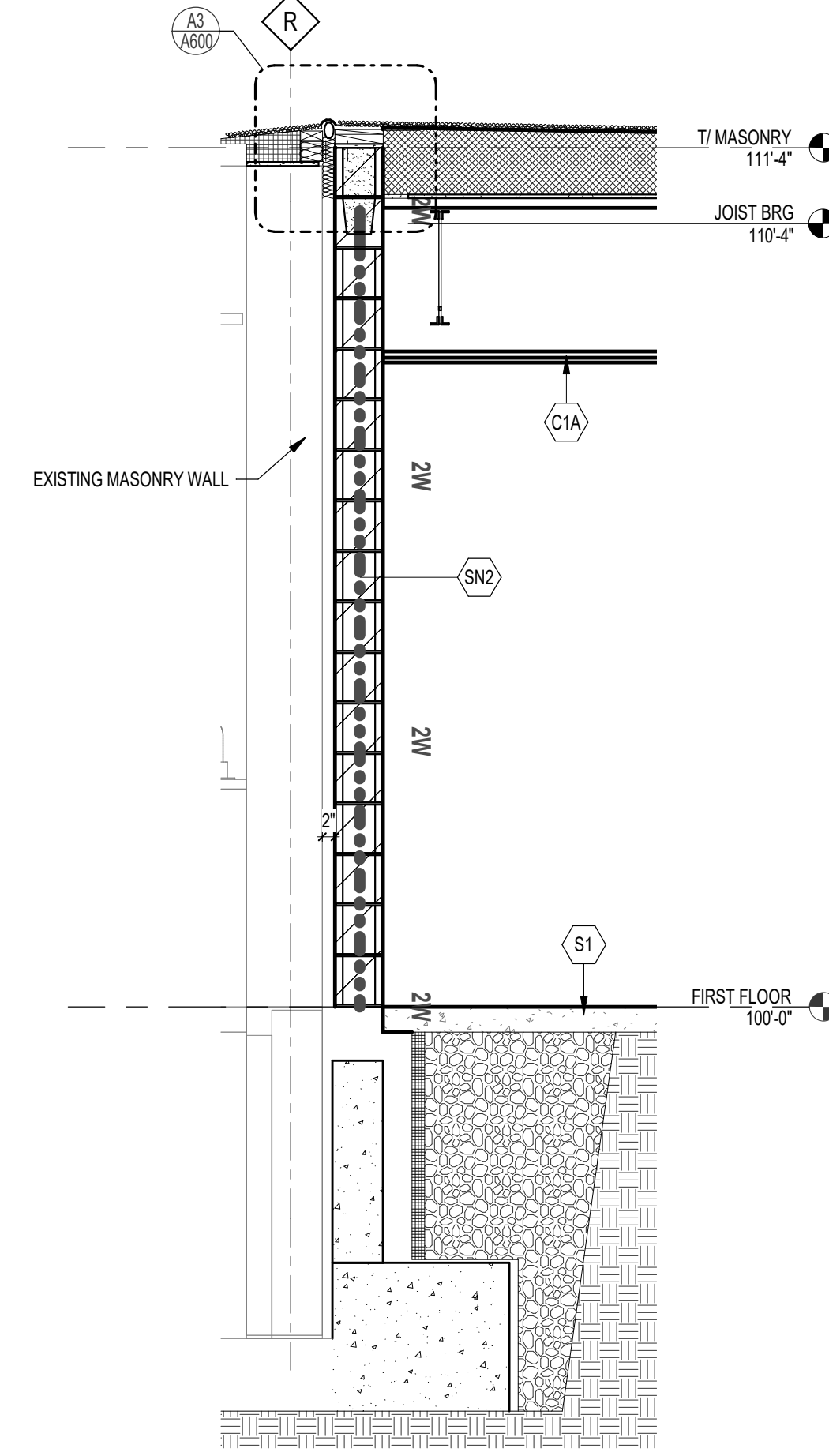
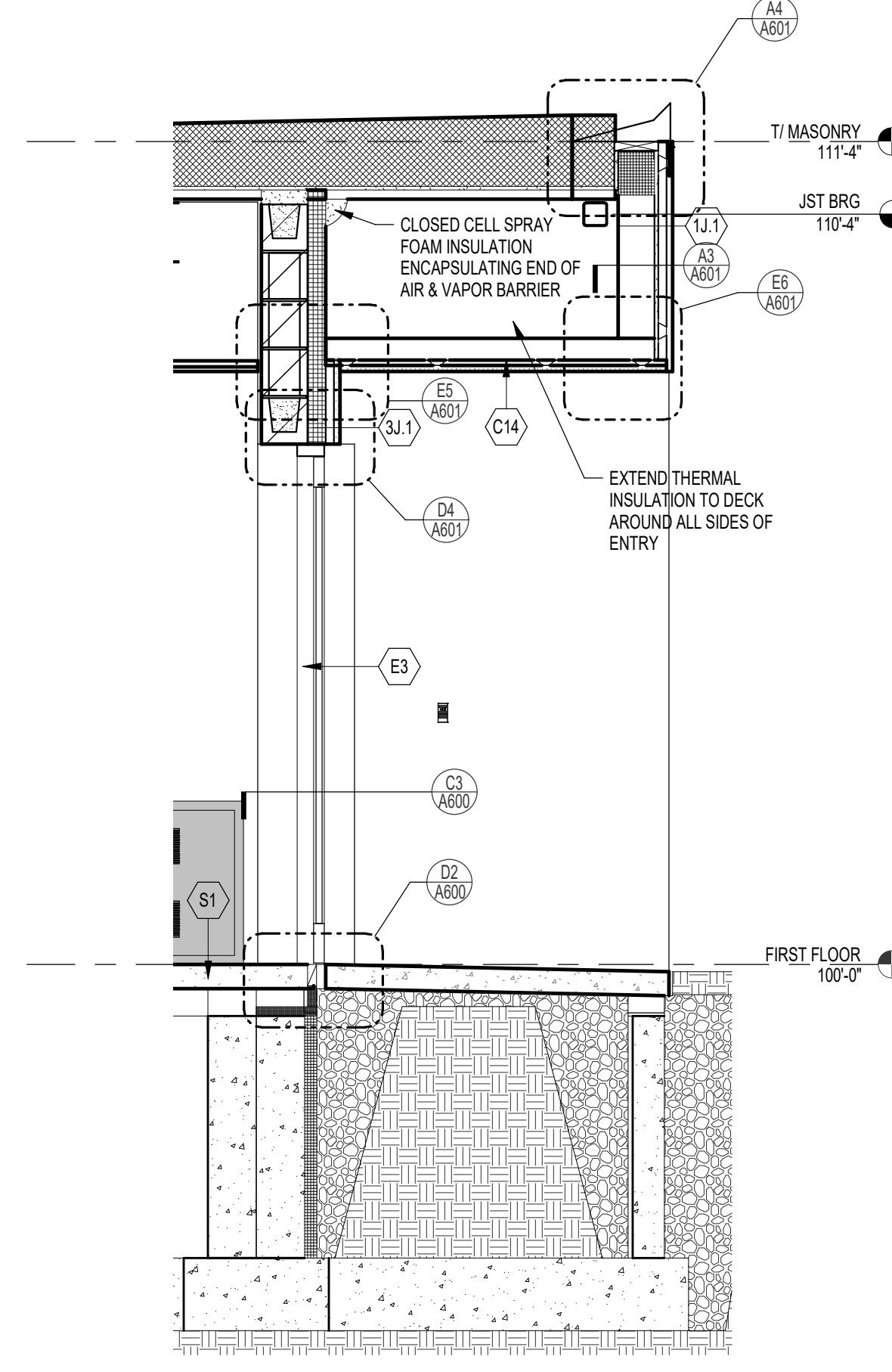
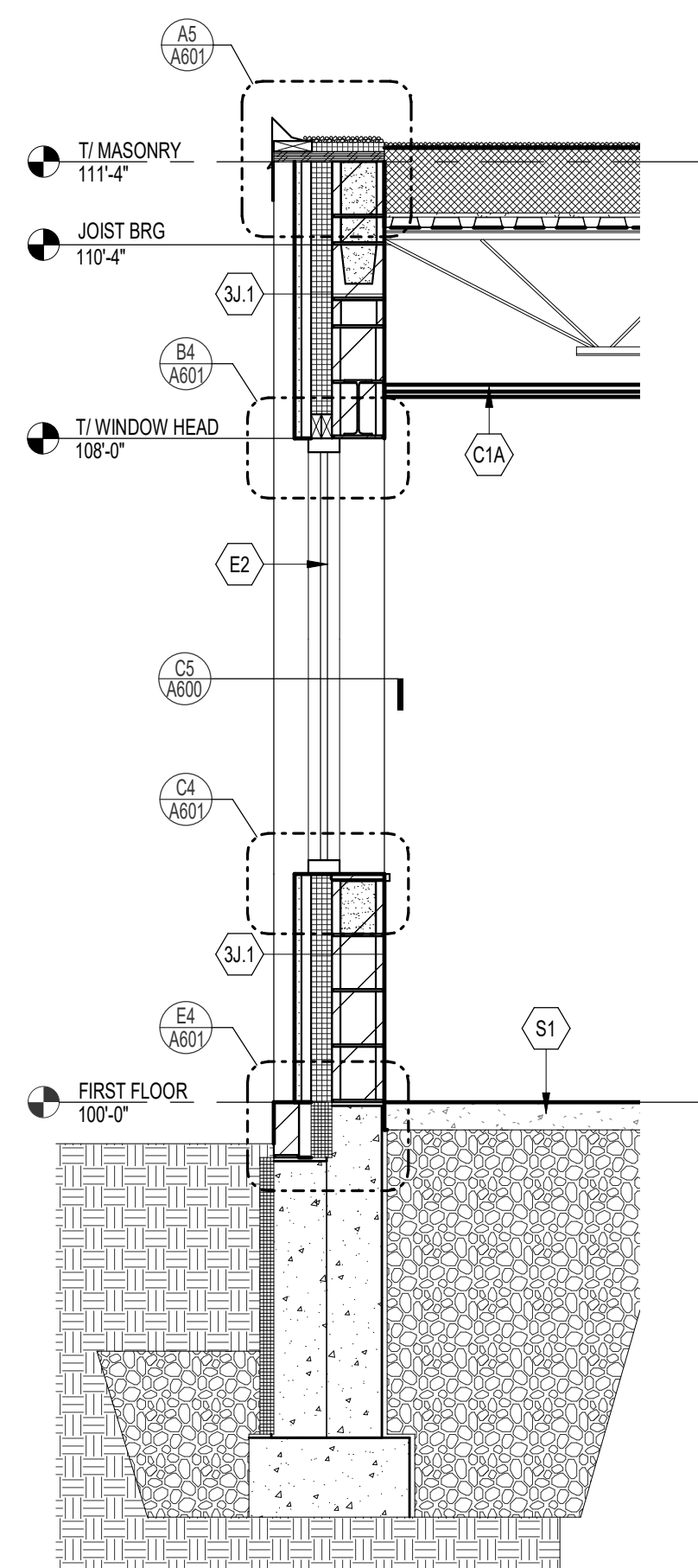
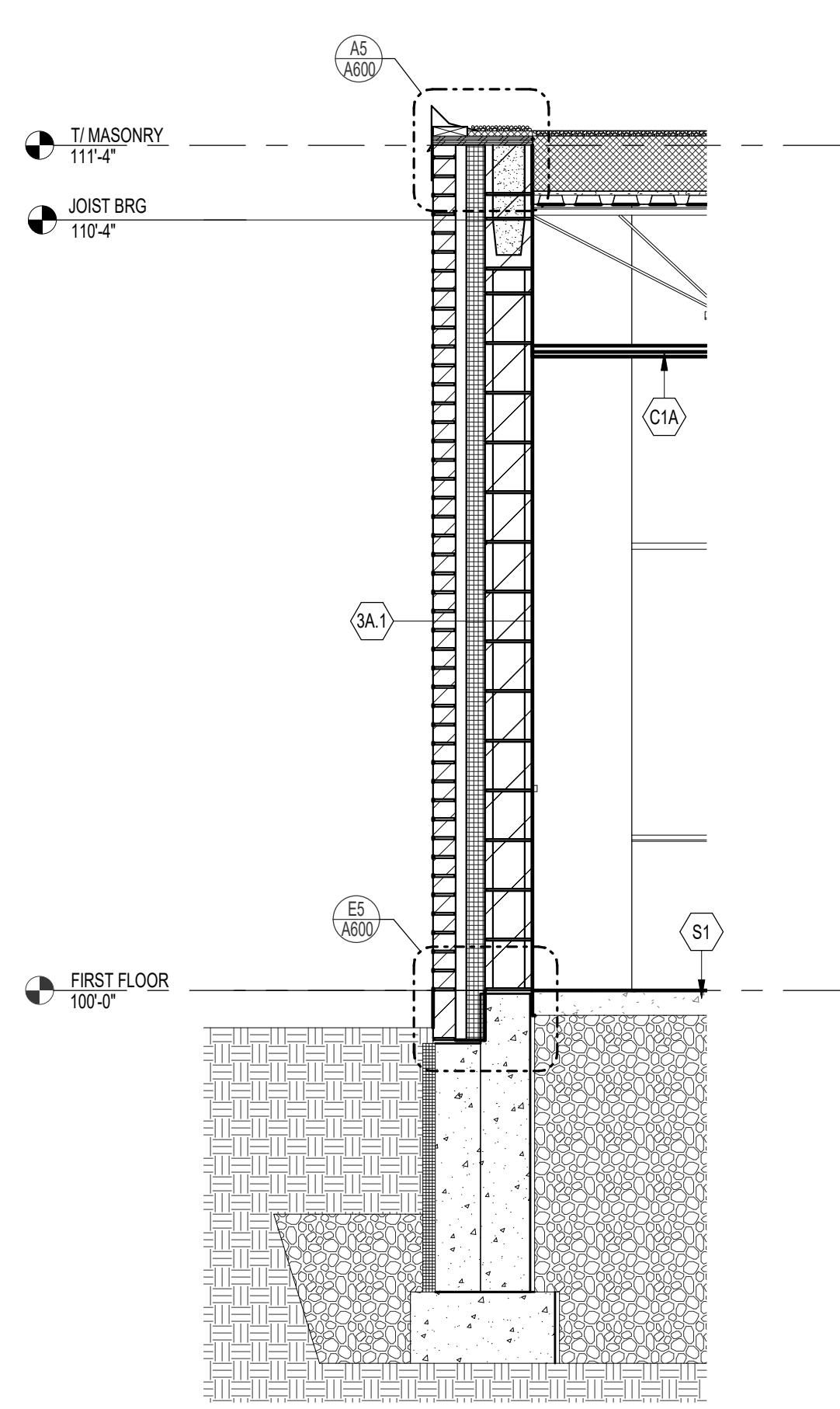
- EXTERIOR FINISH PATTERNS**
- METAL PANEL - COLOR A (TO MATCH EXISTING COLOR)
  - ARCHITECTURAL PANEL - ALUMINUM (TO MATCH EXISTING)
  - BRICK (TO MATCH EXISTING COLOR AND PATTERN)

- EXTERIOR ELEVATIONS GENERAL NOTES**
- A. PAINT ALL EXPOSED STEEL LINTELS TO MATCH ADJACENT MASONRY COLOR
  - B. TRIM ALL EXTERIOR LIGHTING FIXTURES, OUTLETS, HOSE BIBBS AND ALL OTHER SIDING PENETRATIONS WITH 1X4 FIBER CEMENT TRIM (TYP.)
  - C. REFER TO SHEET A890 FOR WINDOW FRAME ELEVATIONS
  - D. SEALANT COLORS TO MATCH ADJACENT FINISHED SURFACES.

NOTE #	EXTERIOR ELEVATION NOTE

TAG	CONSTRUCTION DESCRIPTION
C1A	2X2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C2	5/8" GYPSUM BOARD CEILING ON METAL FRAMING SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
C14	EXTERIOR SOFFIT METAL SOFFIT PANEL SYSTEM (HALF PERFORATED) ON 3/8" GALVANIZED COLD FORMED STEEL STUDS @ 16" OC. BOB: PAC-CLAD FLUSH SOLID SOFFIT PANELS.
E2	ALUMINUM STOREFRONT SYSTEM WITH INSULATING GLASS.
E3	ALUMINUM ENTRANCE SYSTEM WITH 1/4" TEMPERED INSULATING GLASS.
E7	INSULATED STEEL DOOR WITH INSULATING GLASS.
G1	METAL FASCIA SYSTEM: METAL GRAVEL STOP ON 2x WOOD BLOCKING.
G1A	METAL FASCIA SYSTEM: METAL FASCIA ROOF DRAIN OVERFLOW RELIEF.
G5	METAL COUNTERFLASHING: ONE PIECE SURFACE MOUNTED METAL COUNTERFLASHING WITH MECHANICAL FASTENERS @ 12" OC WITH NEOPRENE WASHERS @ EXPOSED FASTENER HEADS.
J1	PRECAST CONCRETE SILL. SEE DETAIL E1A800 FOR PROFILES.
S1	REINFORCED CONCRETE SLAB ON VAPOR BARRIER ON DRAINAGE FILL.

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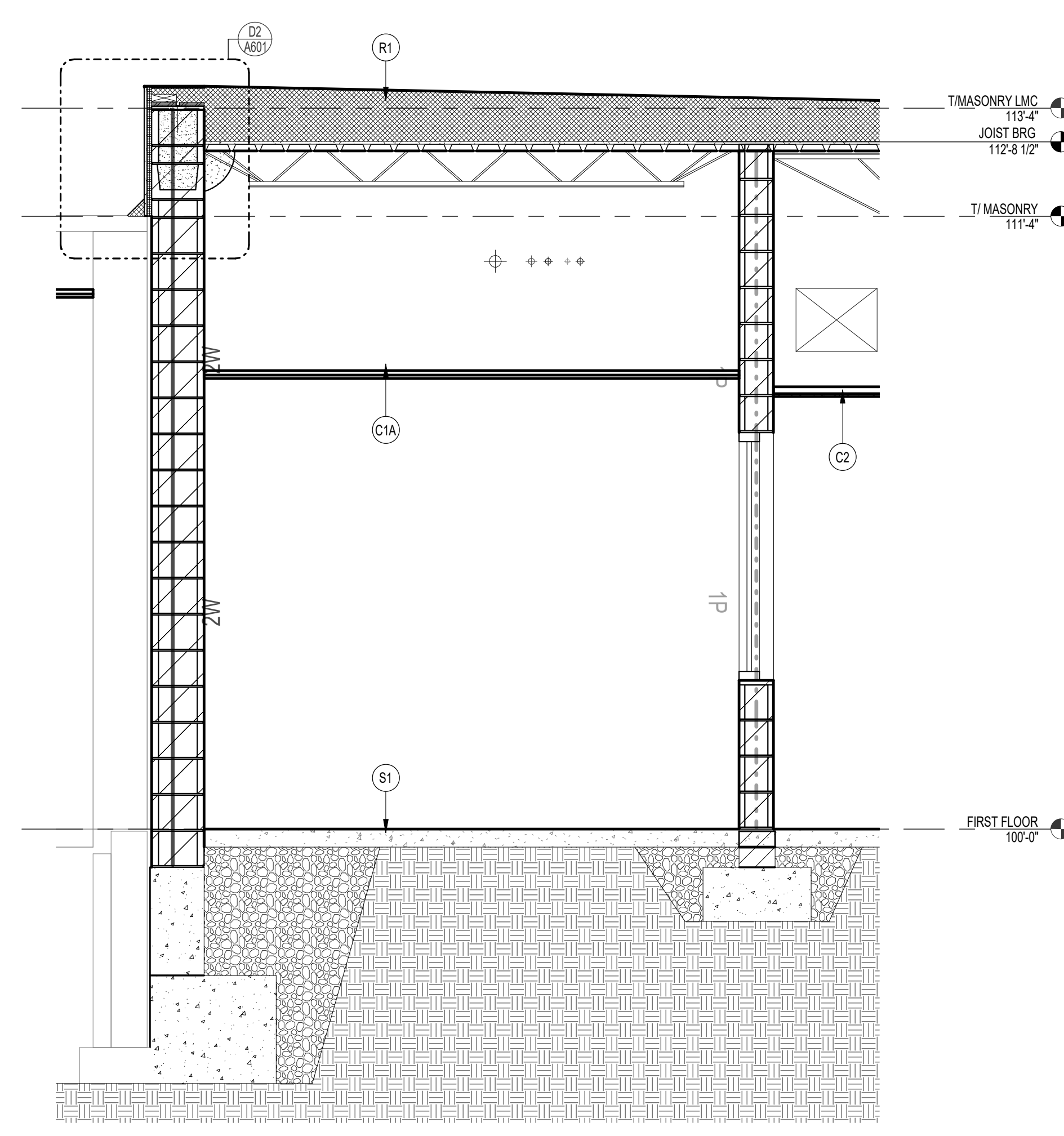
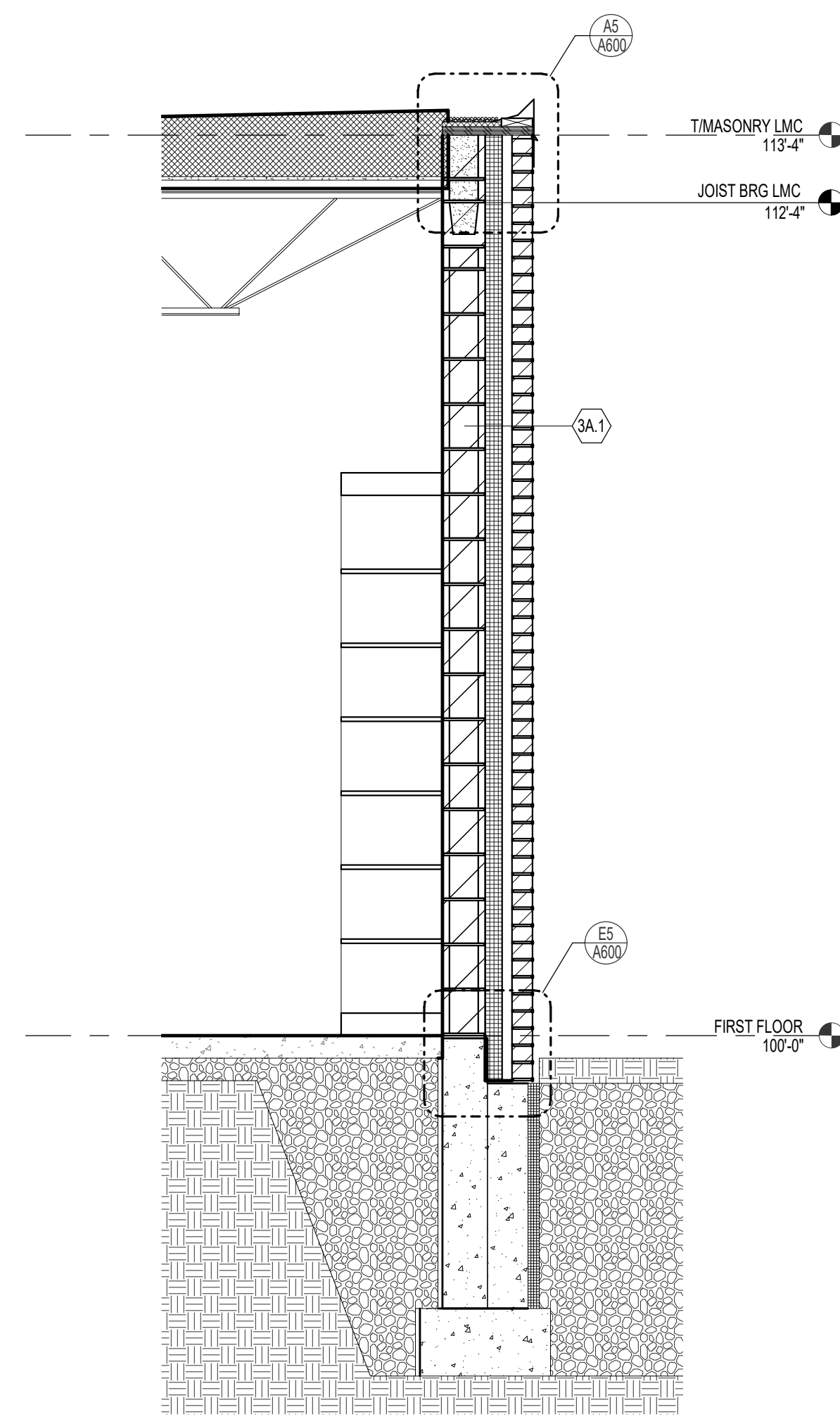
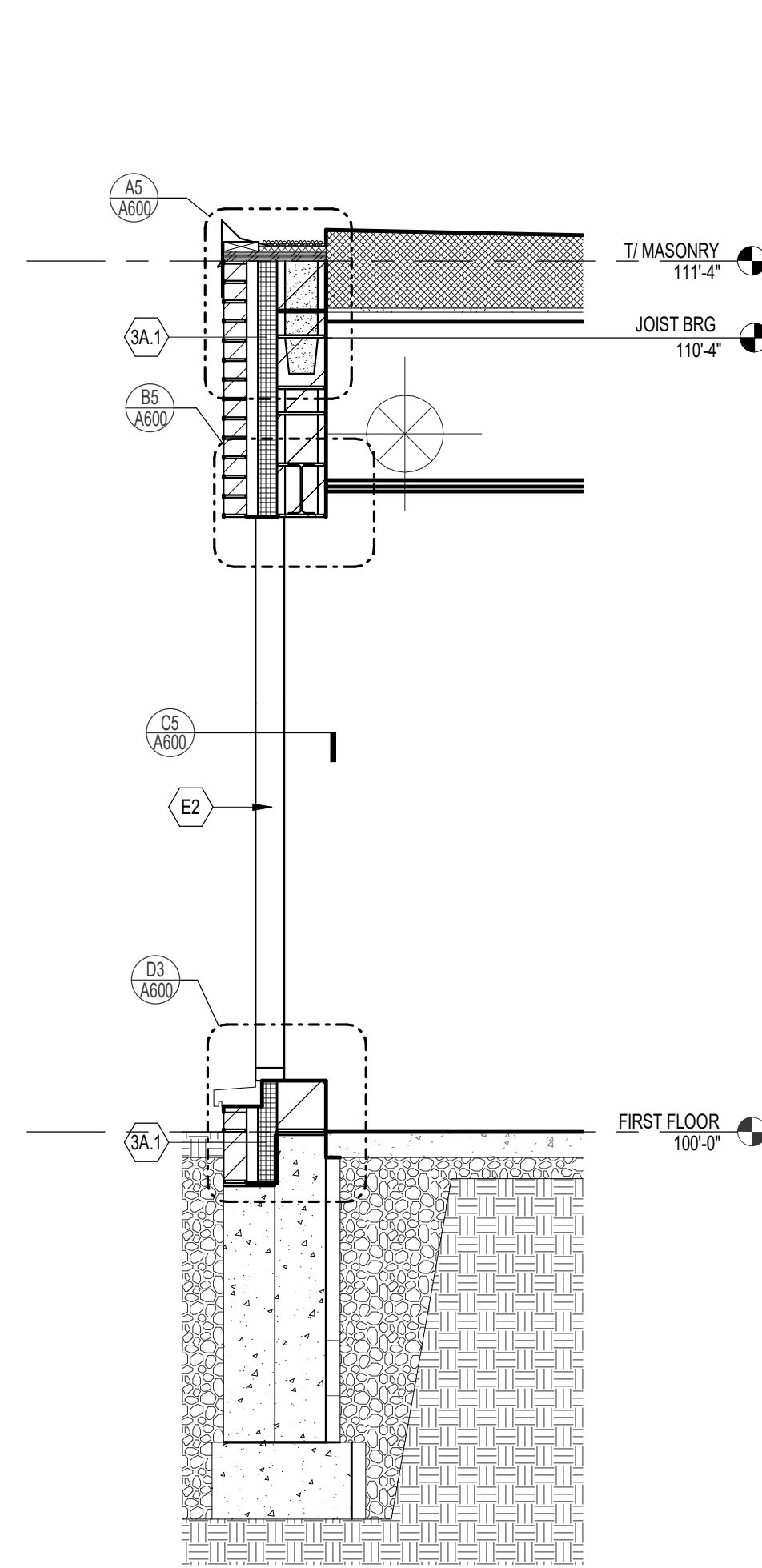
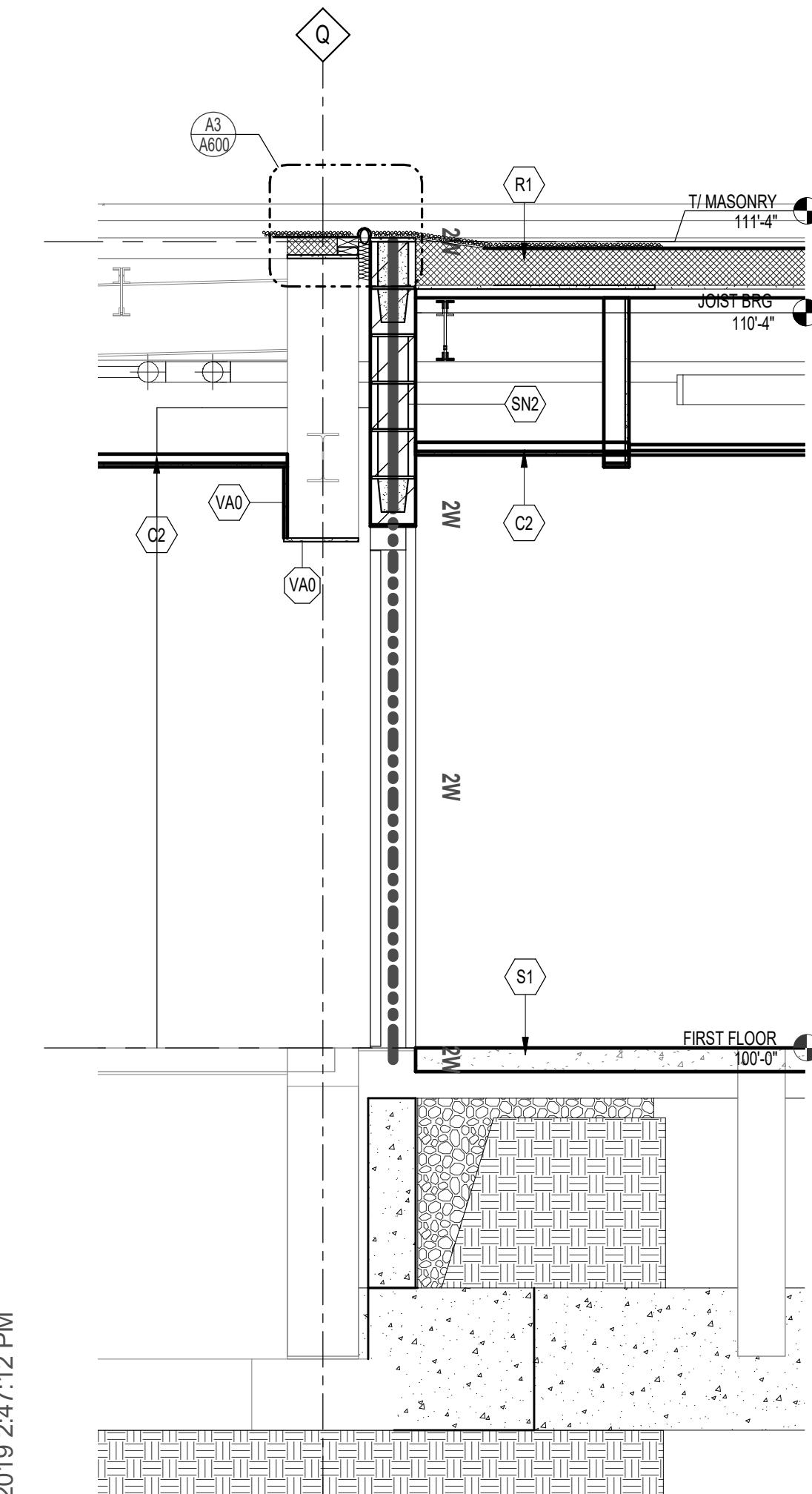


B1 TYPICAL WALL SECTION  
1/2" = 1'-0"

B2 TYPICAL SECTION @ WINDOW  
1/2" = 1'-0"

B3 WALL SECTION @ VESTIBULE  
1/2" = 1'-0"

B4 WALL SECTION @ FIRE WALL  
1/2" = 1'-0"



E1 SECTION @ BUILDING CONNECTION  
1/2" = 1'-0"

E2 SECTION @ COURTYARD WINDOW  
1/2" = 1'-0"

E3 WALL SECTION @ LMC  
1/2" = 1'-0"

E4 SECTION @ FIRE WALL BY LMC  
1/2" = 1'-0"

EXTERIOR WALL TYPE SCHEDULE	
MARK	ASSEMBLY DESCRIPTION
1J1	PANEL WALL SYSTEM CONSISTING OF 1" METAL PANEL, 1-3/8" HAT CHANNEL ON 5/8" GYPSUM SHEATHING, 6" 16 GA GALVANIZED COLD FORMED STEEL STUDS @ 16" OC
3A.1	MASONRY CAVITY WALL CONSISTING OF 4" FACE BRICK, 1-3/4" AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 8" CONCRETE MASONRY UNIT STACKED BOND BACK-UP WALL WITH ADJUSTABLE TWO-PIECE HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING), PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, CAVITY WEEPSVENTS @ 24" OC AND MASONRY EXPANSION AND CONTROL JOINTS. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPSVENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL A2/A810.
3A.2	Masonry cavity wall consisting of 4" face brick with 2" concrete masonry unit stacked bond back-up wall with adjustable two-piece horizontal masonry joint reinforcing @ 16" OC (refer to structural drawings for required vertical reinforcing), weeps @ 16" OC, flashing, expansion and control joints.
3J.1	METAL PANEL WALL CONSISTING OF 1" METAL PANEL, 1-3/8" HAT CHANNEL, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 8" CONCRETE MASONRY UNIT STACKED BOND BACK-UP WALL WITH ADJUSTABLE TWO-PIECE HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING), PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, CAVITY WEEPSVENTS @ 24" OC AND MASONRY EXPANSION AND CONTROL JOINTS. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPSVENTS AT TOP/BOTTOM OF CAVITY. REFER TO DETAIL C2/A810.

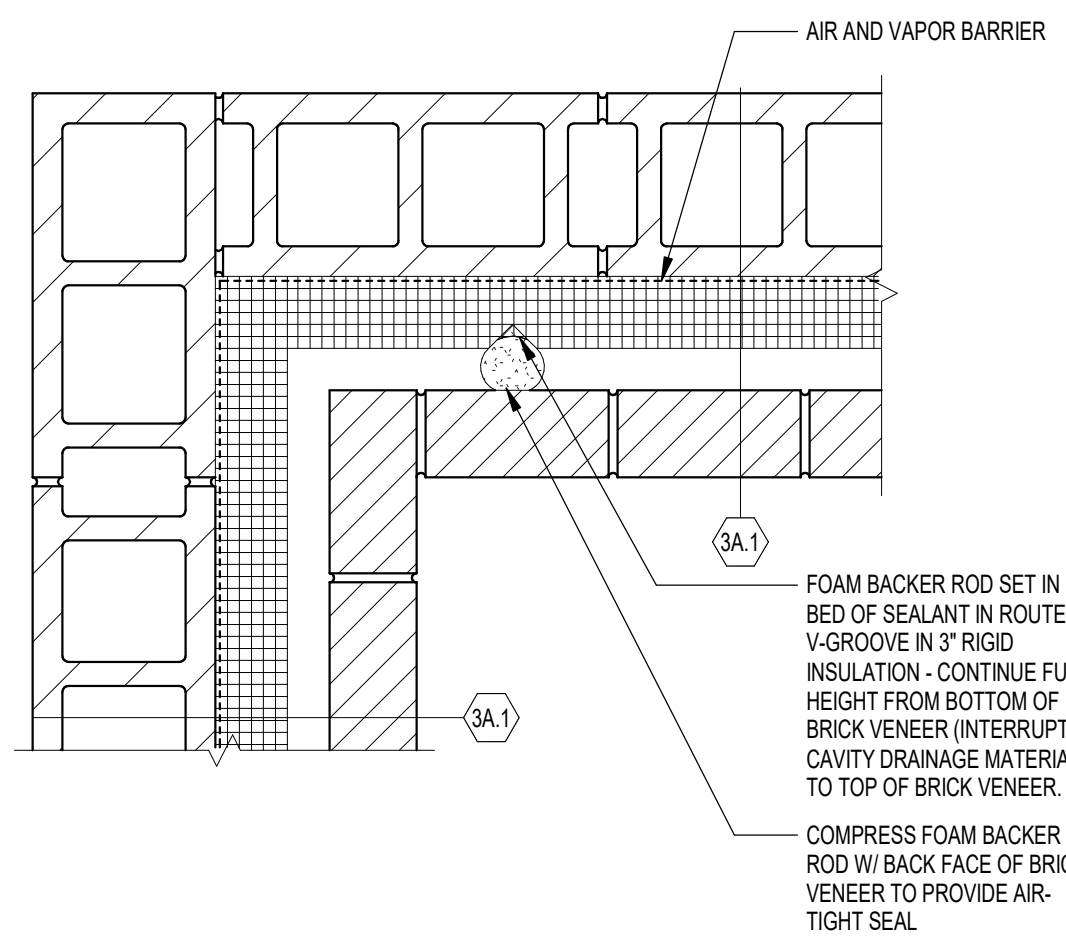
INTERIOR PARTITION SCHEDULE					
MARK	ASSEMBLY DESCRIPTION	FIRE RATING	UL	INSULATION	STC
AG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	-	-	-	-
AL0	6" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	-	-	-	-
BG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE.	-	-	3-1/2" SOUND	-
GD0	1-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	-	-
GE0	2-1/2" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	-	-
GG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	-	-
HG0	3-5/8" STEEL STUDS @ 16" OC ONE LAYER 5/8" GYPSUM BOARD.	-	-	FULL WIDTH SOUND	-
SN0	8" CONCRETE BLOCK.	-	-	-	-
SN1	8" CONCRETE BLOCK.	1 HR	-	-	-
SN2	8" CONCRETE BLOCK.	2 HR	-	-	-
SS0	12" CONCRETE BLOCK.	1 HR	-	-	-
SS1	12" CONCRETE BLOCK.	1 HR	-	-	-
SS2	12" CONCRETE BLOCK.	2 HR	-	-	-
VA0	ONE LAYER DIRECT BONDED 5/8" GYPSUM BOARD.	-	-	-	-

- GYPSUM BOARD PARTITIONS GENERAL NOTES**
- A. ALL GYPSUM BOARD PARTITIONS SHALL BE (BG) UNLESS OTHERWISE NOTED ON FLOOR PLAN.
  - B. GYPSUM BOARD PARTITION DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION (NOMINAL).
  - C. PROVIDE ABUSE-RESISTANT WALL PROTECTION ON ALL NEW GYPSUM BOARD WALLS IN CLASSROOMS, 4'-0" AFF.
  - D. REFER TO GYPSUM BOARD SPECIFICATION FOR LOCATION AND TYPE(S) OF GYPSUM BOARD MATERIAL REQUIRED.
  - E. PROVIDE FIRE RATED GYPSUM BOARD AT ALL FIRE RATED PARTITIONS.
  - F. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL FIRE RATED PARTITIONS.
  - G. EXTEND ALL GYPSUM BOARD PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE. AT METAL DECK CONSTRUCTION ABOVE PROVIDE SLIP JOINT BETWEEN TOP OF PARTITION AND UNDERSIDE OF METAL DECK / STRUCTURAL STEEL MEMBER ABOVE. REFER TO DETAIL A6 / A810.

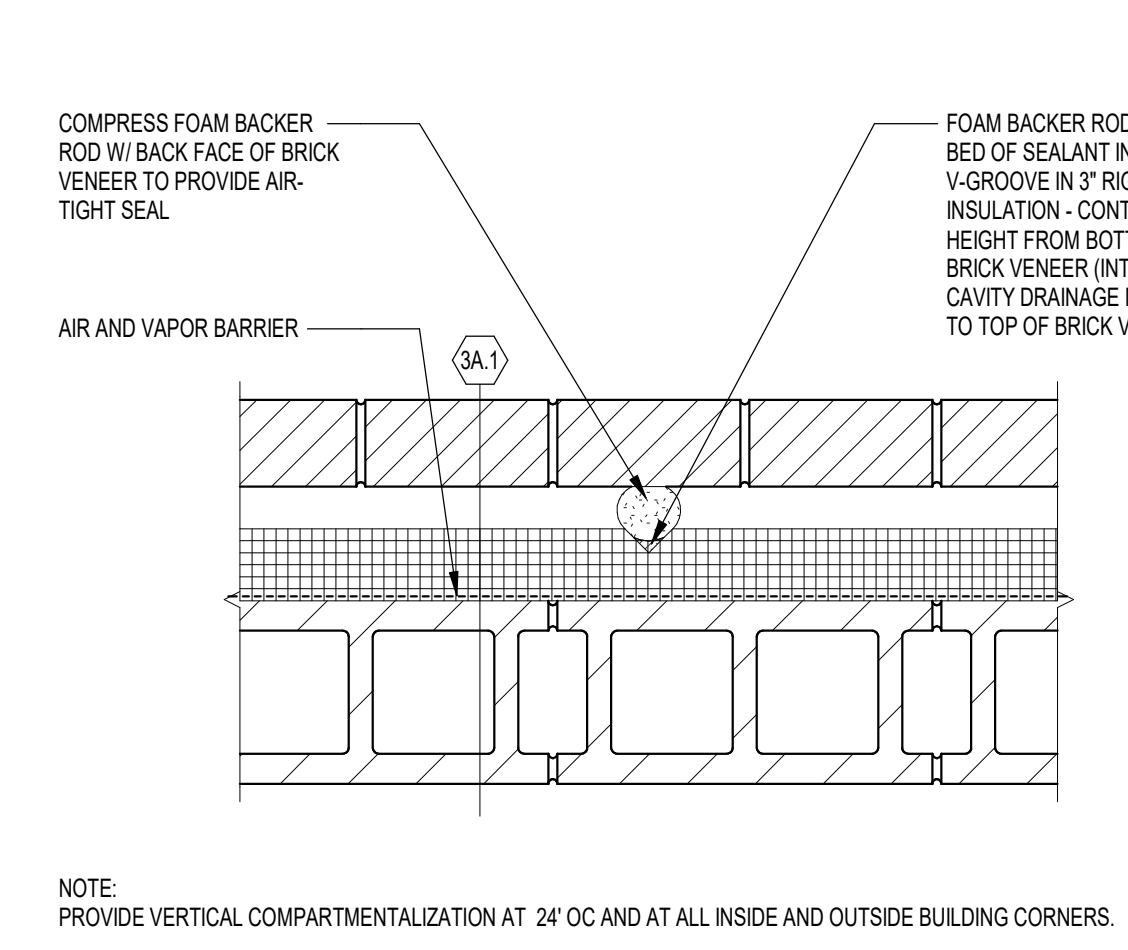
- MASONRY PARTITIONS GENERAL NOTES**
- A. MASONRY PARTITIONS INDICATED WITH THE FOLLOWING HATCH PATTERN:
  - B. ALL MASONRY PARTITIONS SHALL BE 8" CONCRETE BLOCK UNLESS OTHERWISE NOTED OR DIMENSIONED. REFER TO FLOOR PLAN FOR PARTITION THICKNESS.
  - C. PROVIDE UL RATED CONCRETE BLOCK AT ALL FIRE RATED PARTITIONS.
  - D. SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL RATED PARTITIONS.
  - E. EXTEND CONCRETE BLOCK PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE (OR PRECAST PLANK ABOVE IF APPLICABLE). REFER TO DETAIL A2 / A810. PROVIDE HORIZONTAL MASONRY JOINT REINFORCEMENT AT 16" OC VERTICALLY. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.

CONSTRUCTION TYPES	
TAG	CONSTRUCTION DESCRIPTION
C1A	2X2 LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE
C2	5/8" GYPSUM BOARD CEILING ON METAL FRAMING SYSTEM SUSPENDED FROM STRUCTURE ABOVE
C14	EXTERIOR SOFFIT: METAL SOFFIT PANEL SYSTEM (HALF PERFORATED) ON 3 5/8" GALVANIZED COLD FORMED STEEL STUDS @ 16" OC. BOB: PAC-CLAD FLUSH SOLID SOFFIT PANELS.
E2	ALUMINUM STOREFRONT SYSTEM WITH INSULATING GLASS.
E3	ALUMINUM ENTRANCE SYSTEM WITH 1/4" TEMPERED INSULATING GLASS.
E7	INSULATED STEEL DOOR WITH INSULATING GLASS.
G1	METAL FASCIA SYSTEM: METAL GRAVEL STOP ON 2x WOOD BLOCKING.
G1A	METAL FASCIA SYSTEM: METAL FASCIA ROOF DRAIN OVERFLOW RELIEF.
G5	METAL COUNTERFLASHING: ONE-PIECE SURFACE MOUNTED METAL COUNTERFLASHING WITH MECHANICAL FASTENERS @ 12" OC WITH NEOPRENE WASHERS @ EXPOSED FASTENER HEADS.
J1	PRECAST CONCRETE SILL. SEE DETAIL E1/A810 FOR PROFILES.
R1	REINFORCED CONCRETE SLAB ON VAPOR BARRIER ON DRAINAGE FILL.
S1	

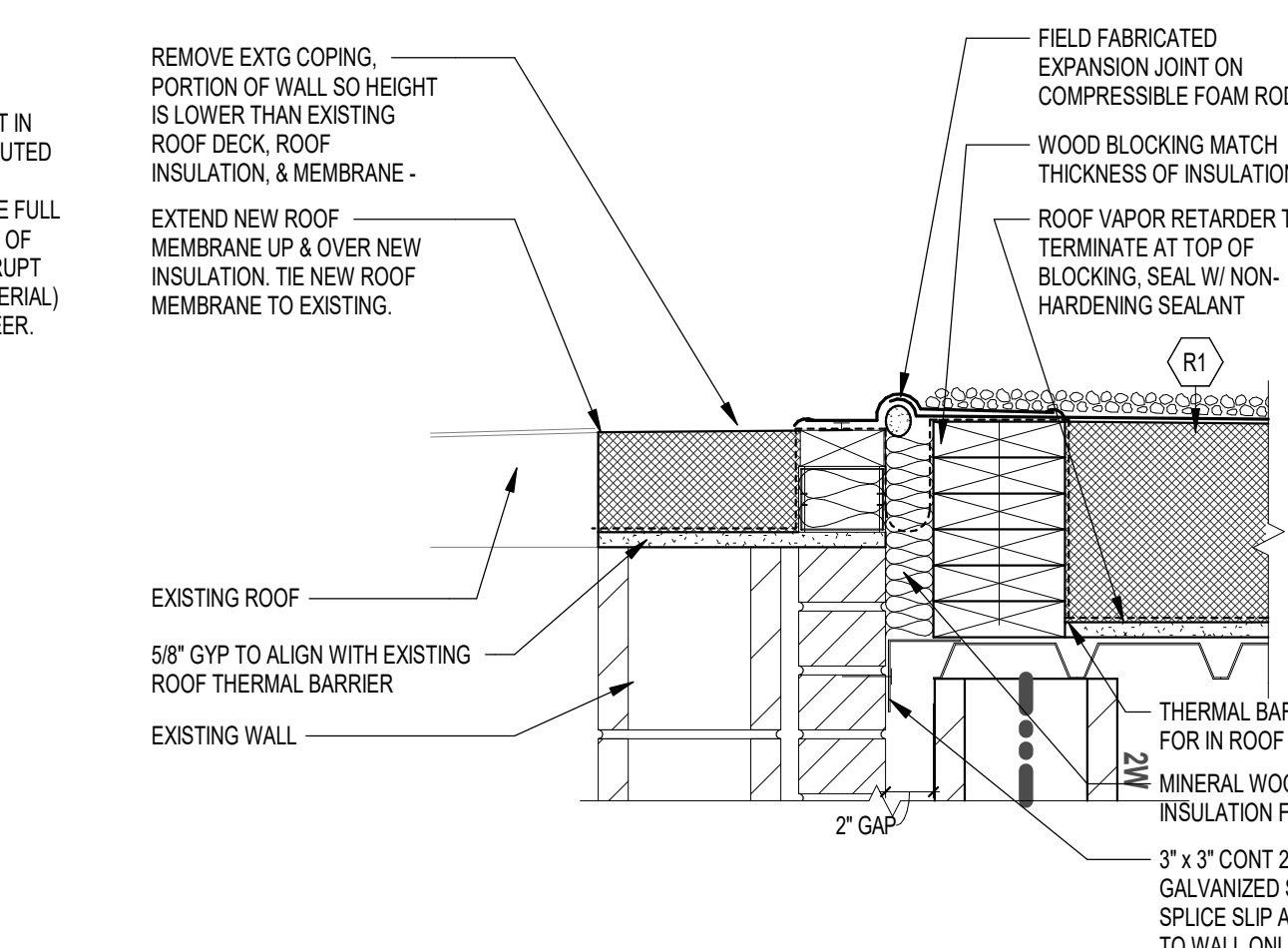
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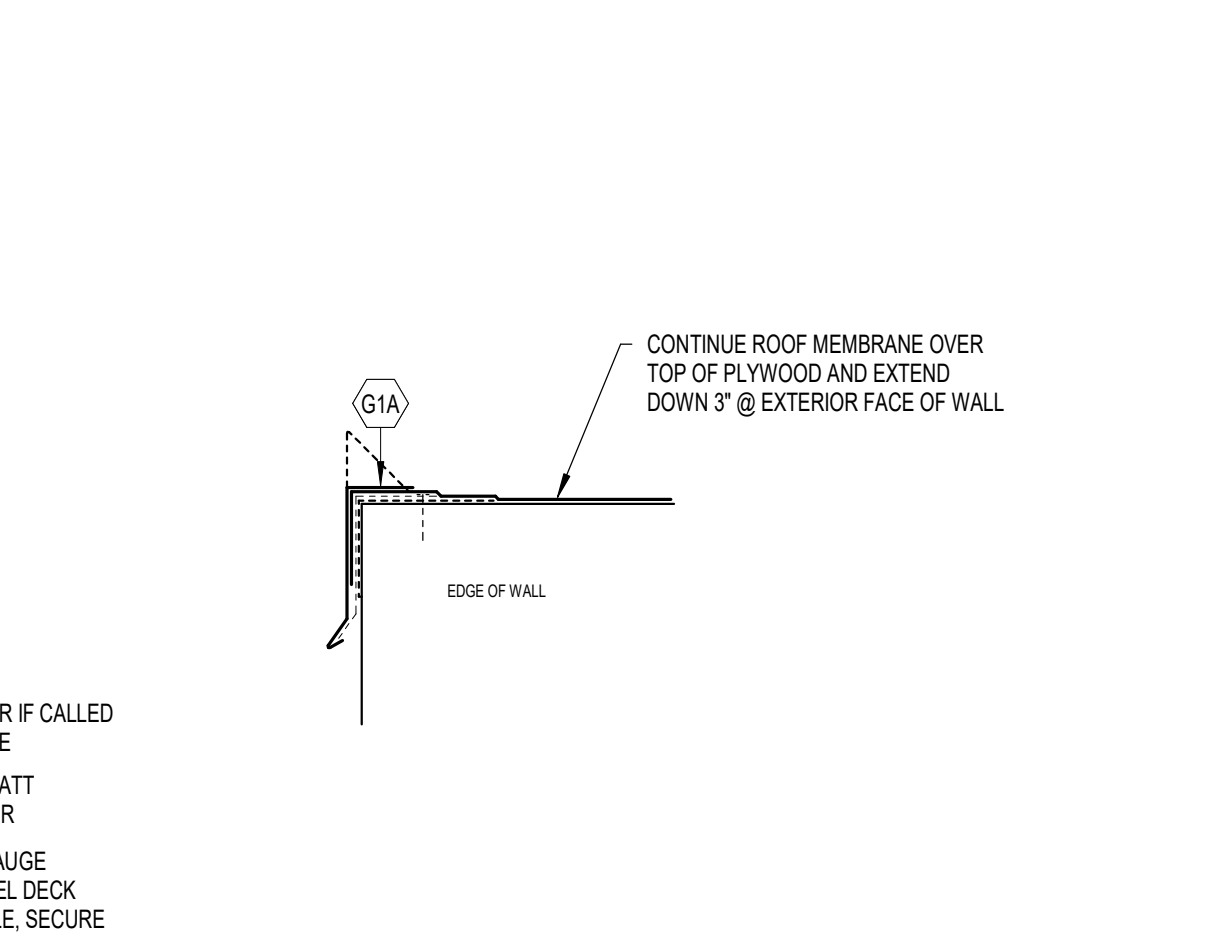
**A1 (3A.1) BRICK CAVITY WALL @ INSIDE CORNER**  
1 1/2" = 1'-0"



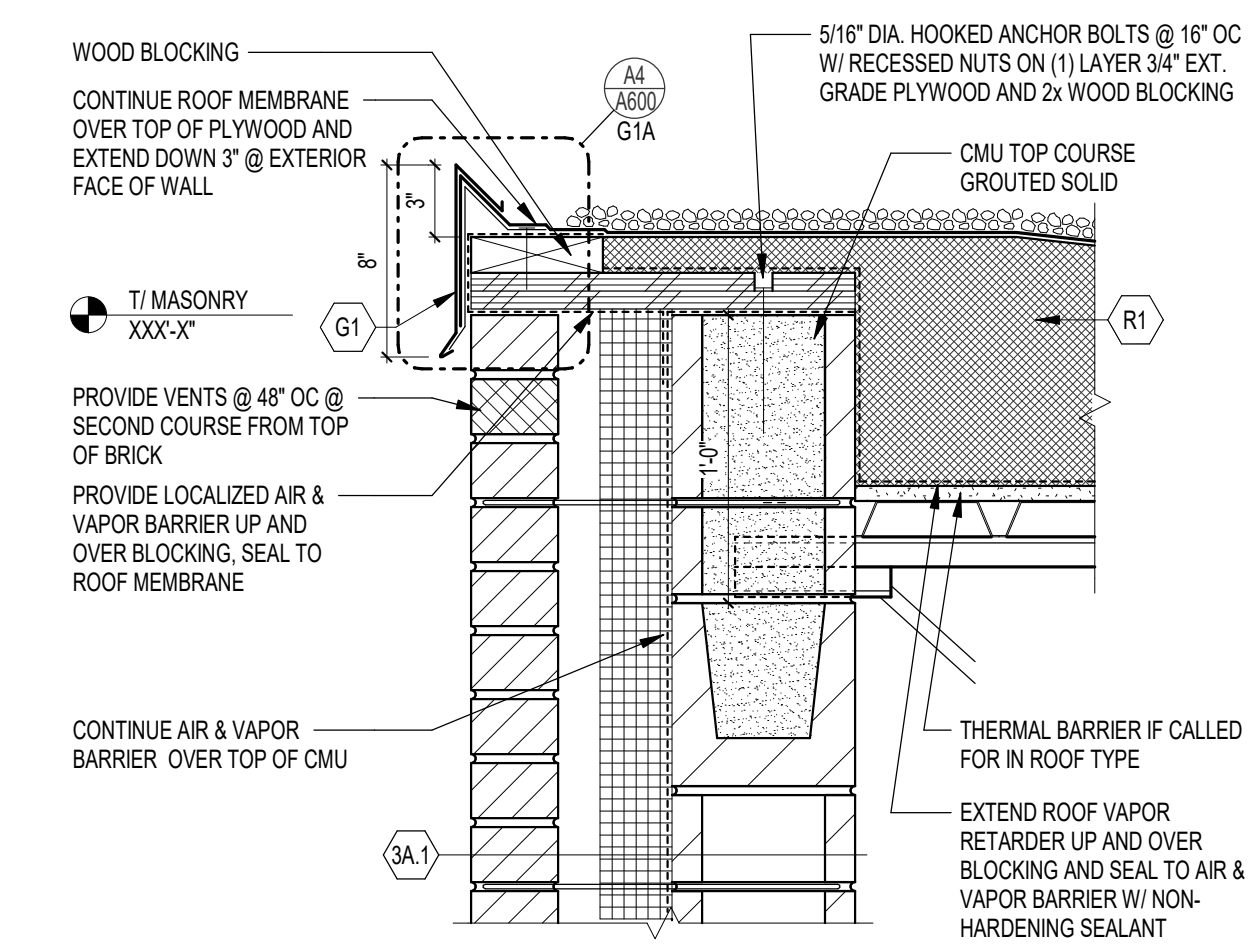
**A2 (3A.1) VERTICAL COMPARTMENTALIZATION**  
1 1/2" = 1'-0"



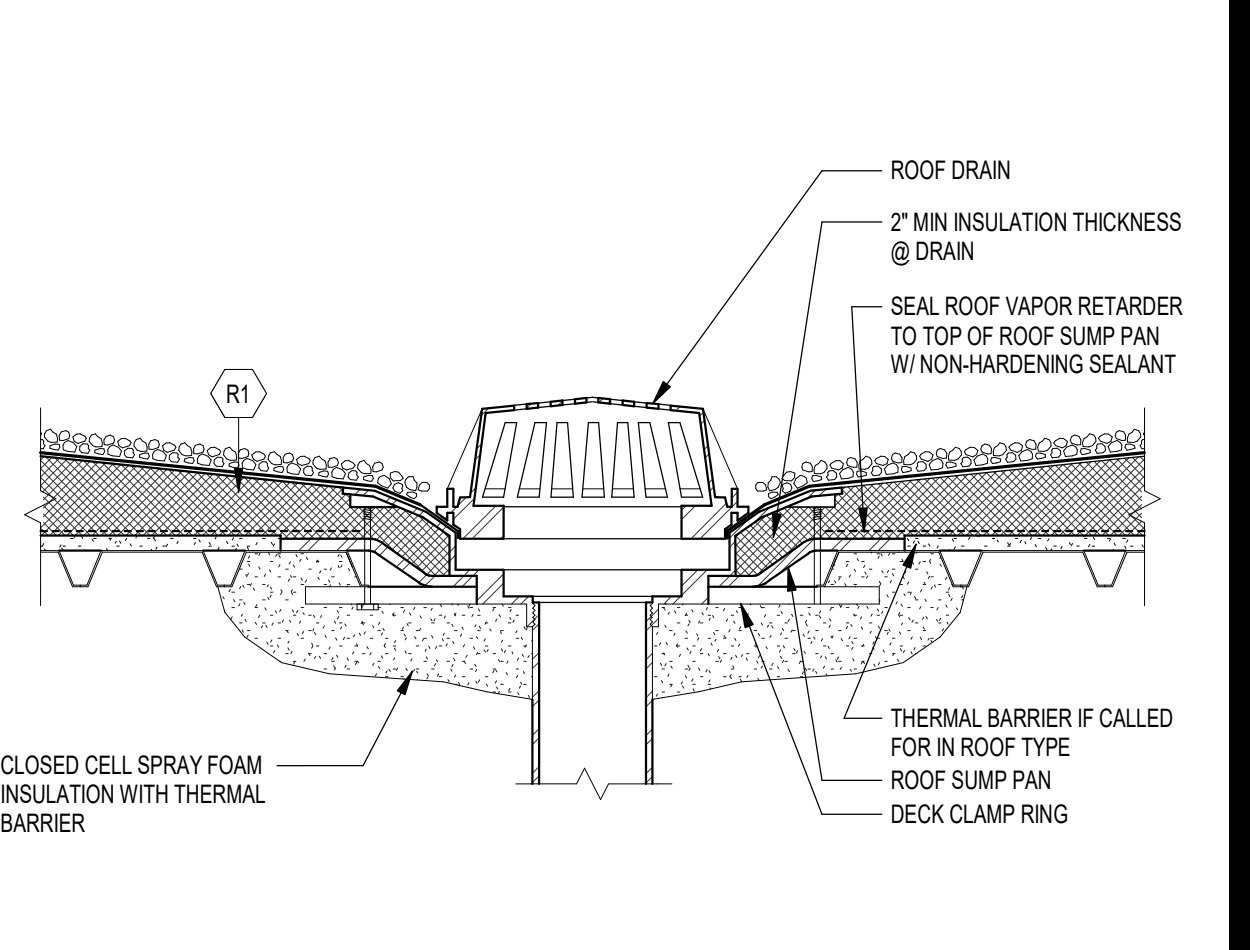
**A3 ROOF EXPANSION JOINT @ EXTG PARAPET**  
1 1/2" = 1'-0"



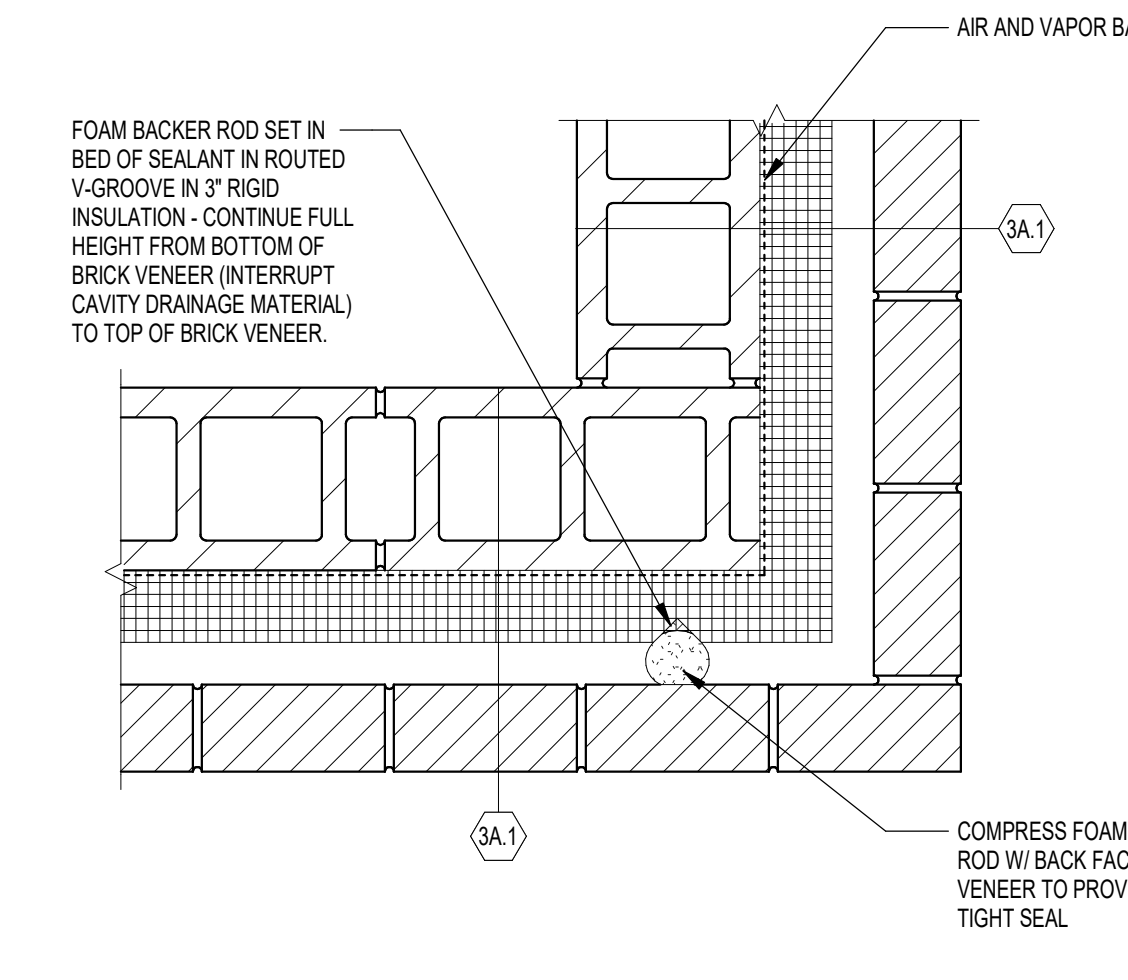
**A4 METAL FASCIA ROOF DRAIN OVERFLOW RELIEF**  
1 1/2" = 1'-0"



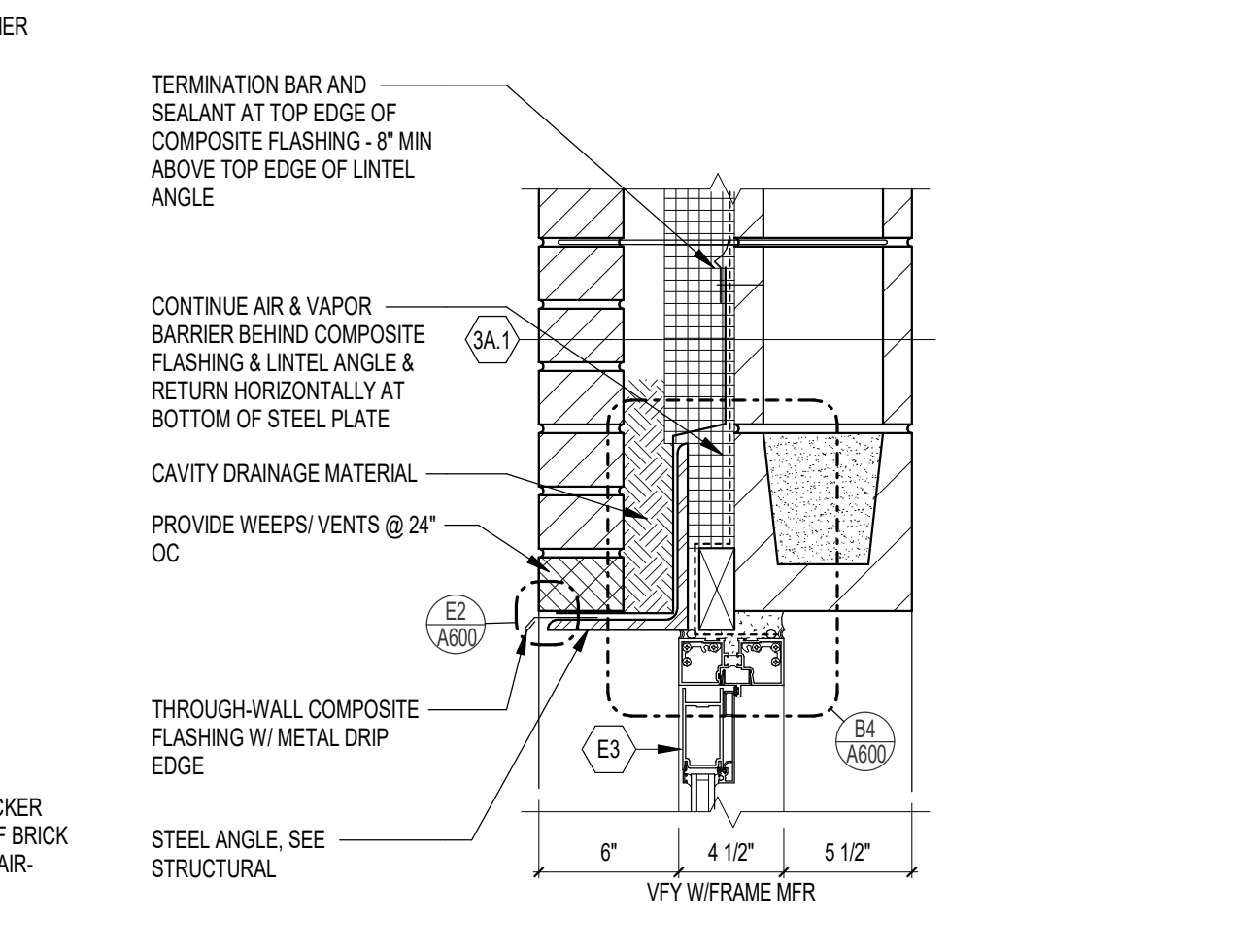
**A5 (3A.1) MASONRY CAVITY WALL ROOF EDGE**  
1 1/2" = 1'-0"



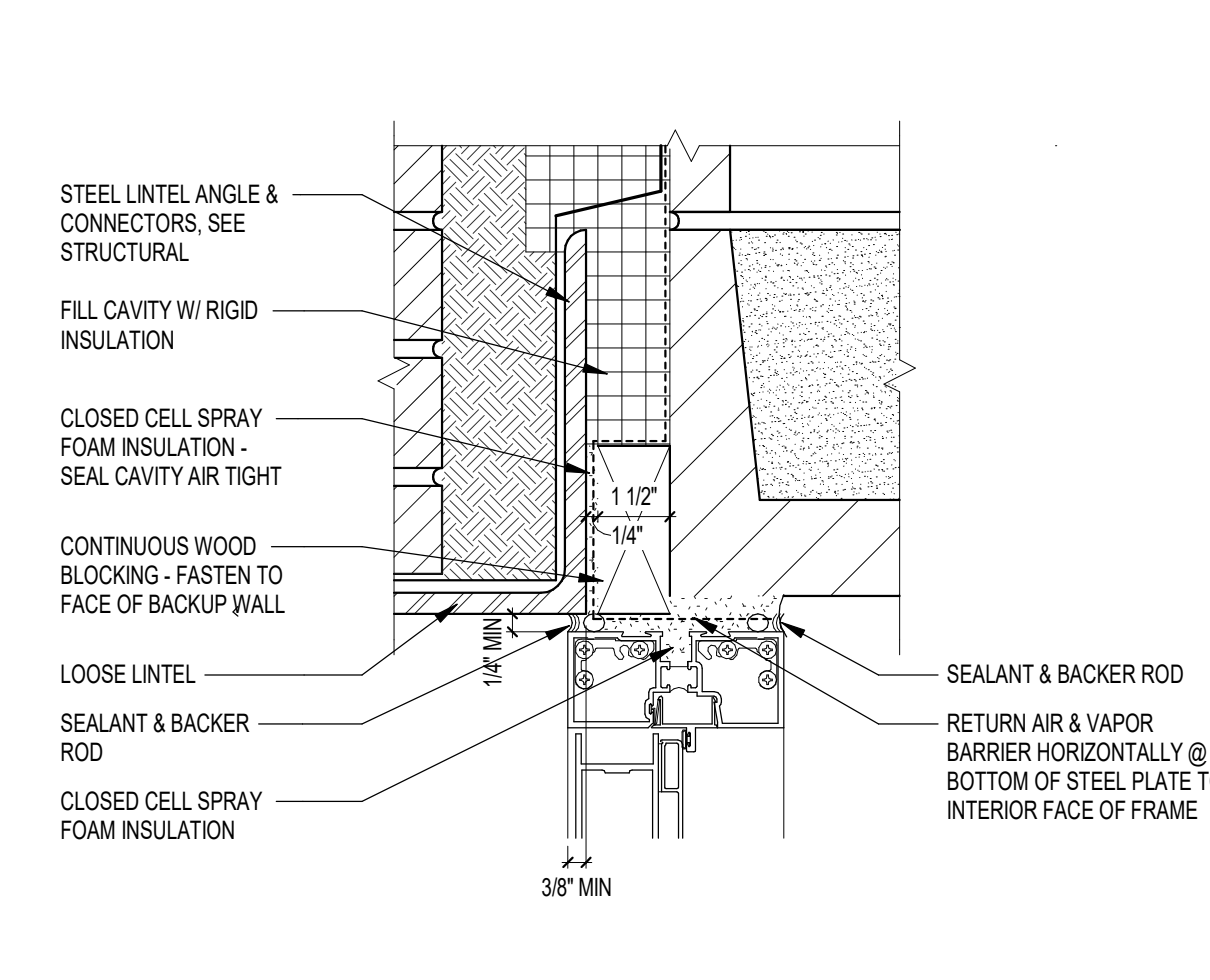
**A6 ROOF DRAIN (MTL DECK)**  
1 1/2" = 1'-0"



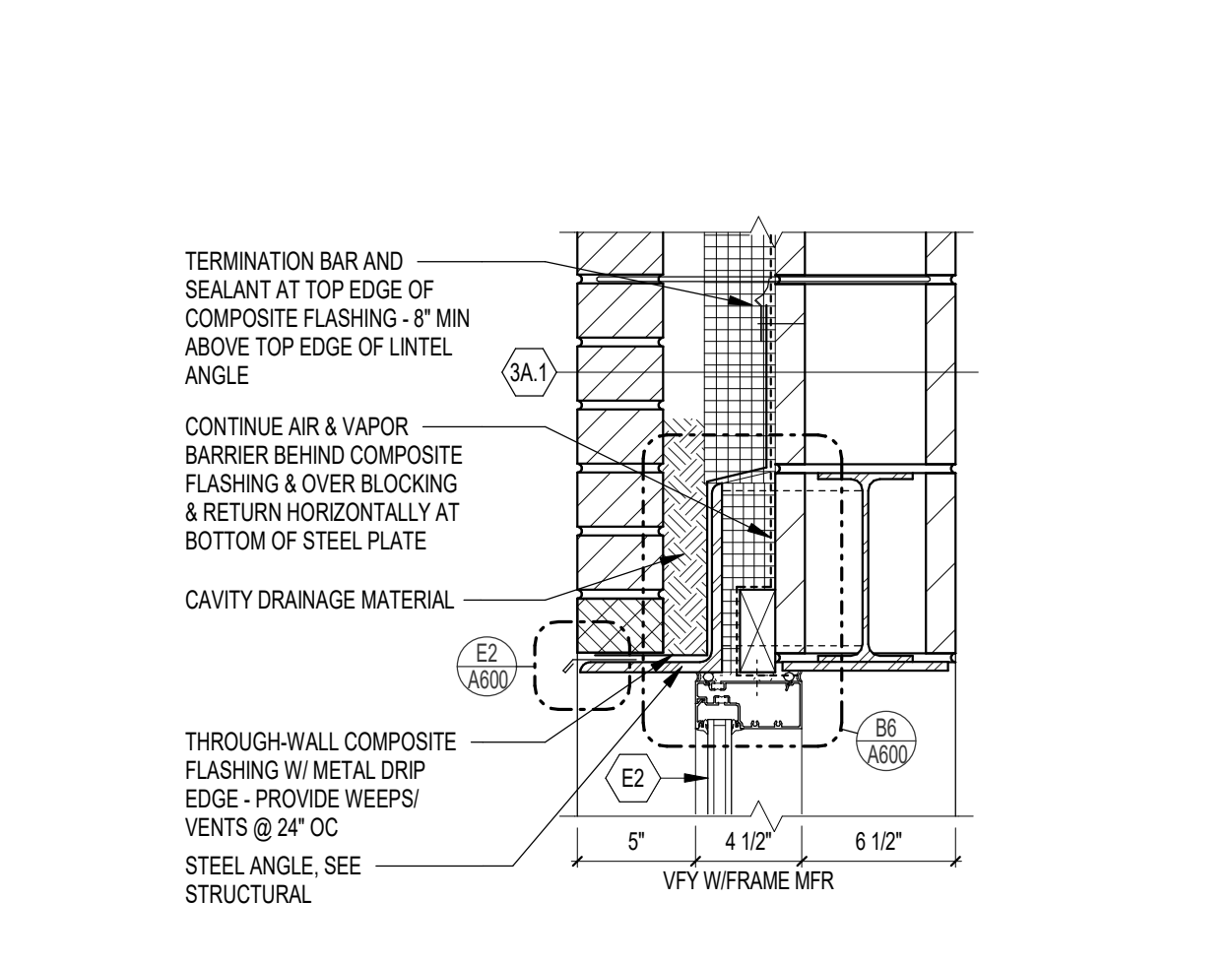
**B2 (3A.1) BRICK CAVITY WALL @ OUTSIDE CORNER**  
1 1/2" = 1'-0"



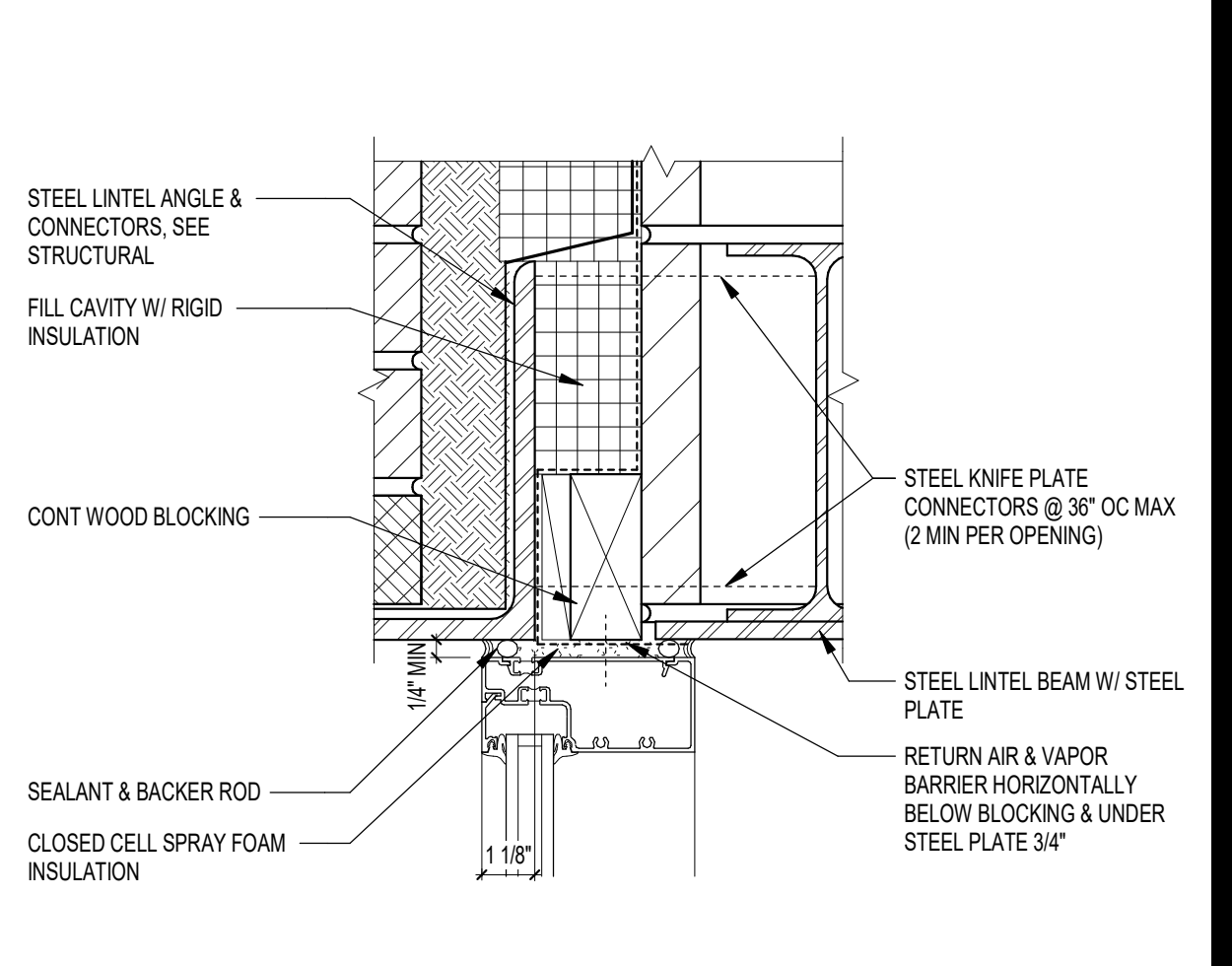
**B3 (3A.1) STOREFRONT DOOR HEAD**  
1 1/2" = 1'-0"



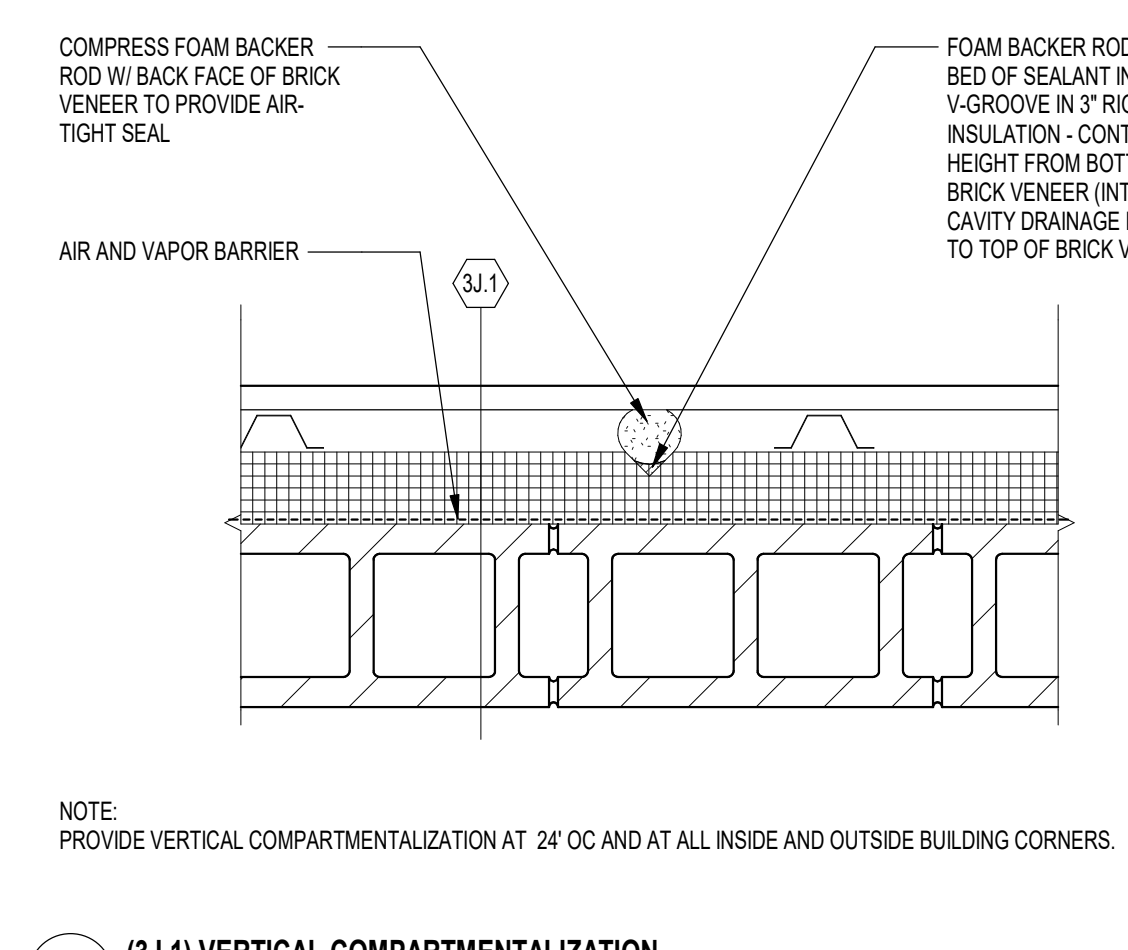
**B4 (3A.1) ENLARGED STOREFRONT DOOR HEAD**  
3" = 1'-0"



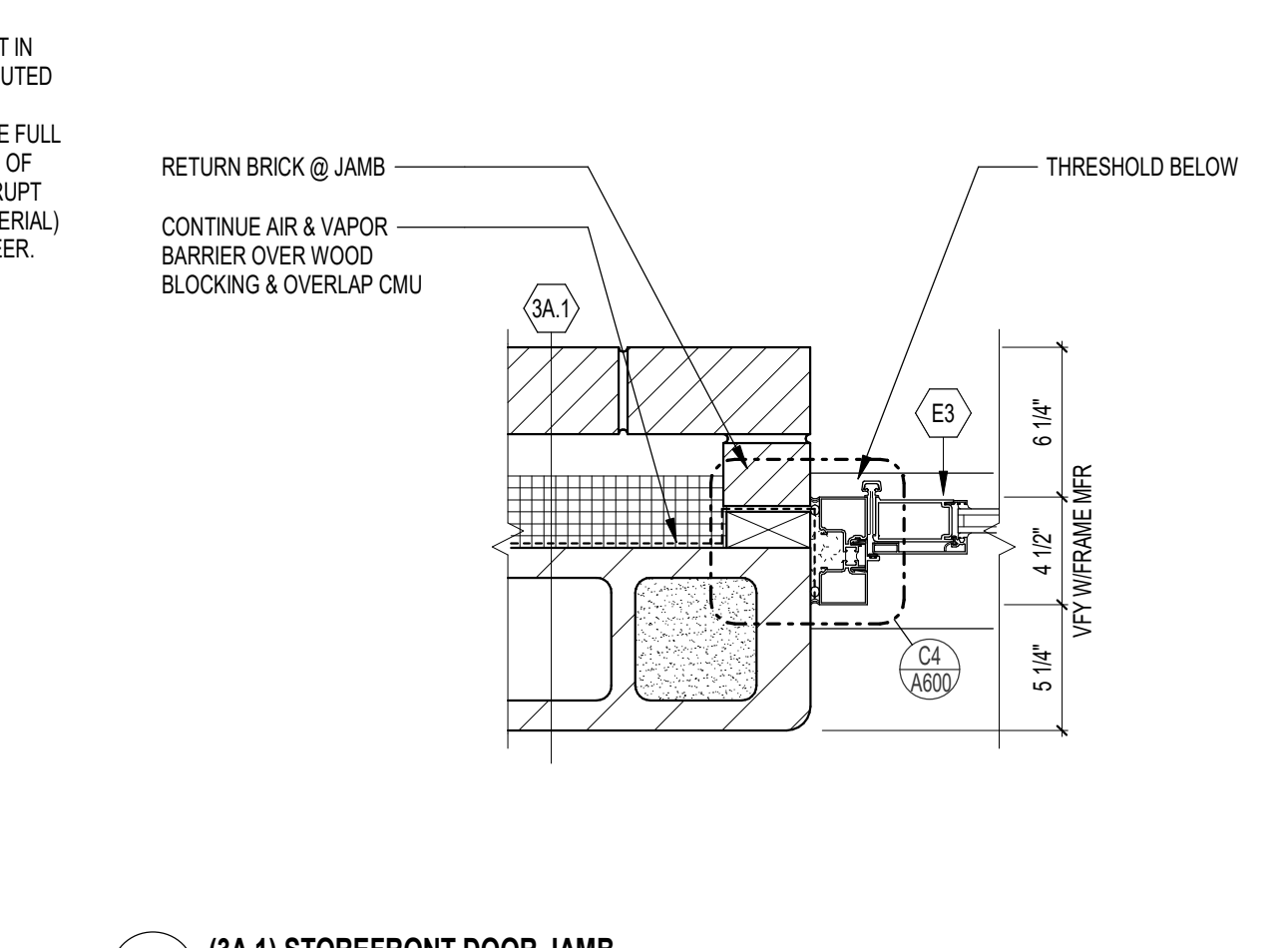
**B5 (3A.1) STOREFRONT HEAD**  
1 1/2" = 1'-0"



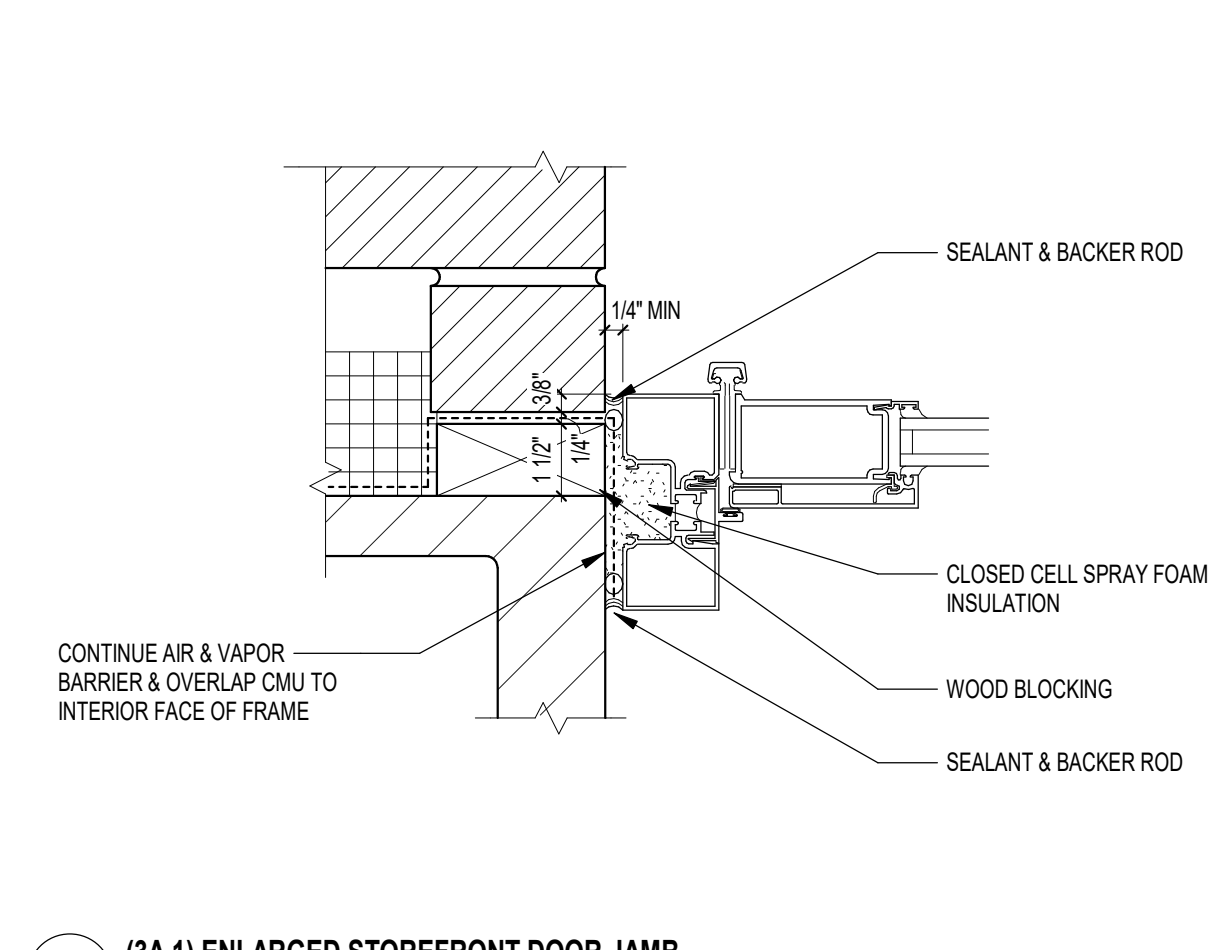
**B6 (3A.1) ENLARGED STOREFRONT HEAD**  
3" = 1'-0"



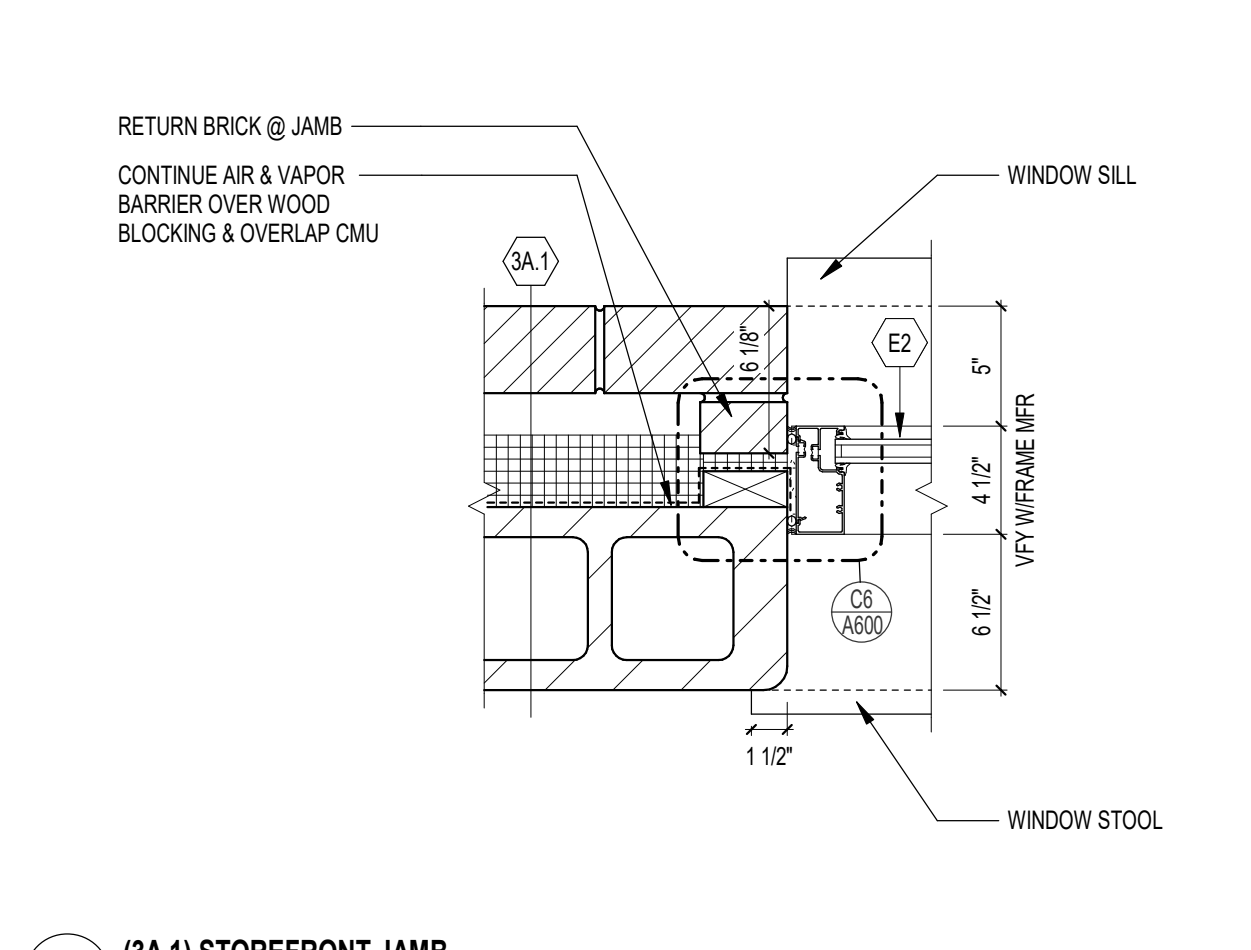
**C2 (3J.1) VERTICAL COMPARTMENTALIZATION**  
1 1/2" = 1'-0"



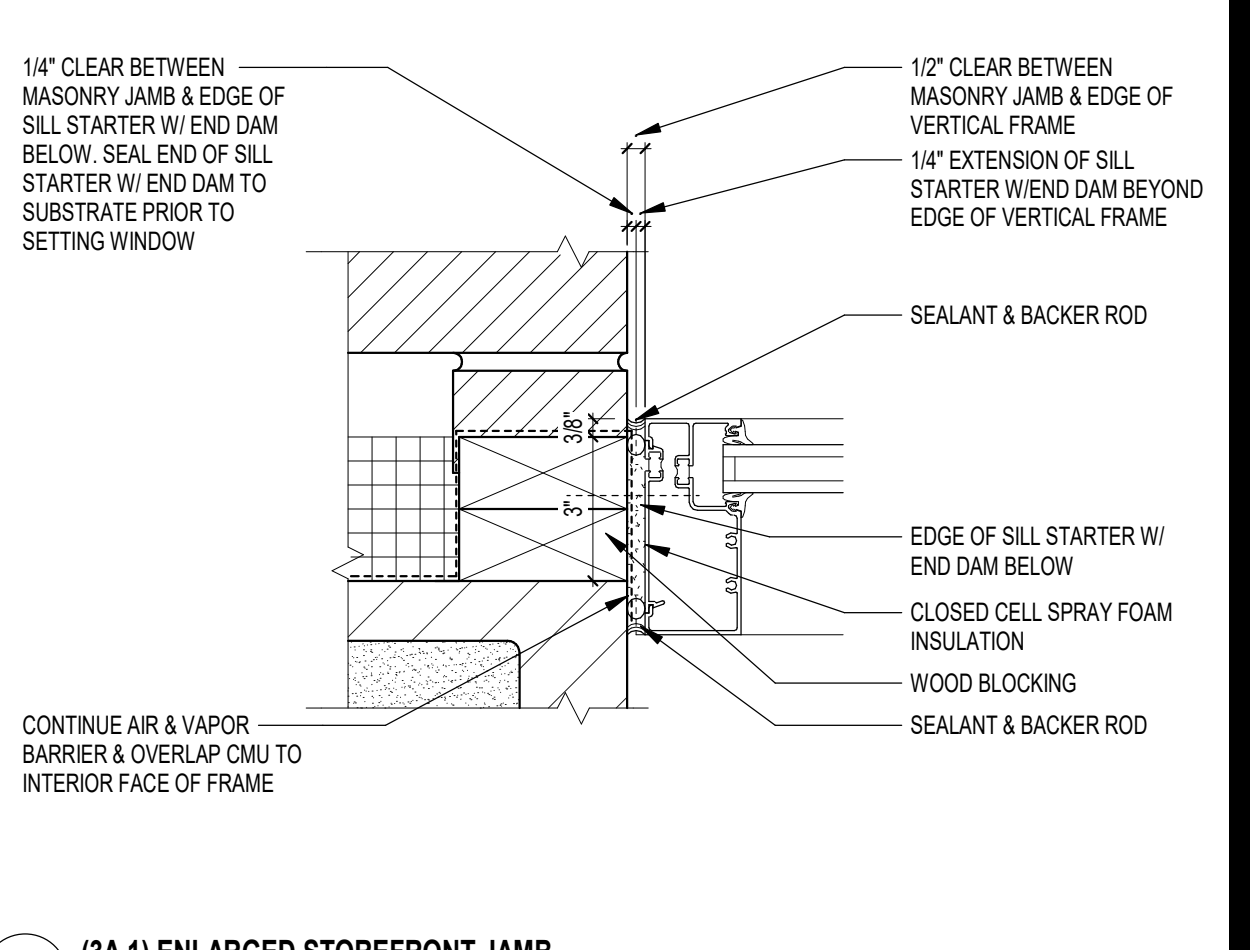
**C3 (3A.1) STOREFRONT DOOR JAMB**  
1 1/2" = 1'-0"



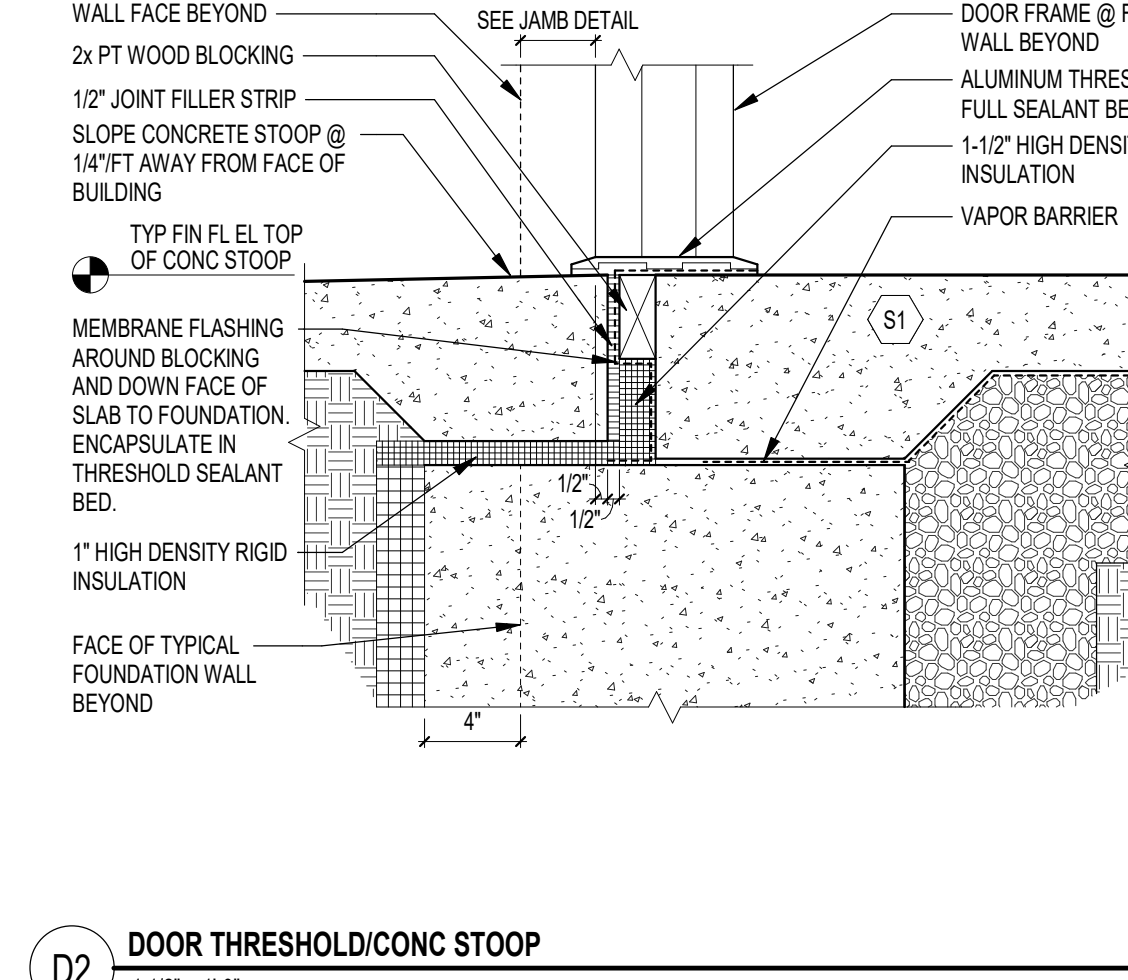
**C4 (3A.1) ENLARGED STOREFRONT DOOR JAMB**  
3" = 1'-0"



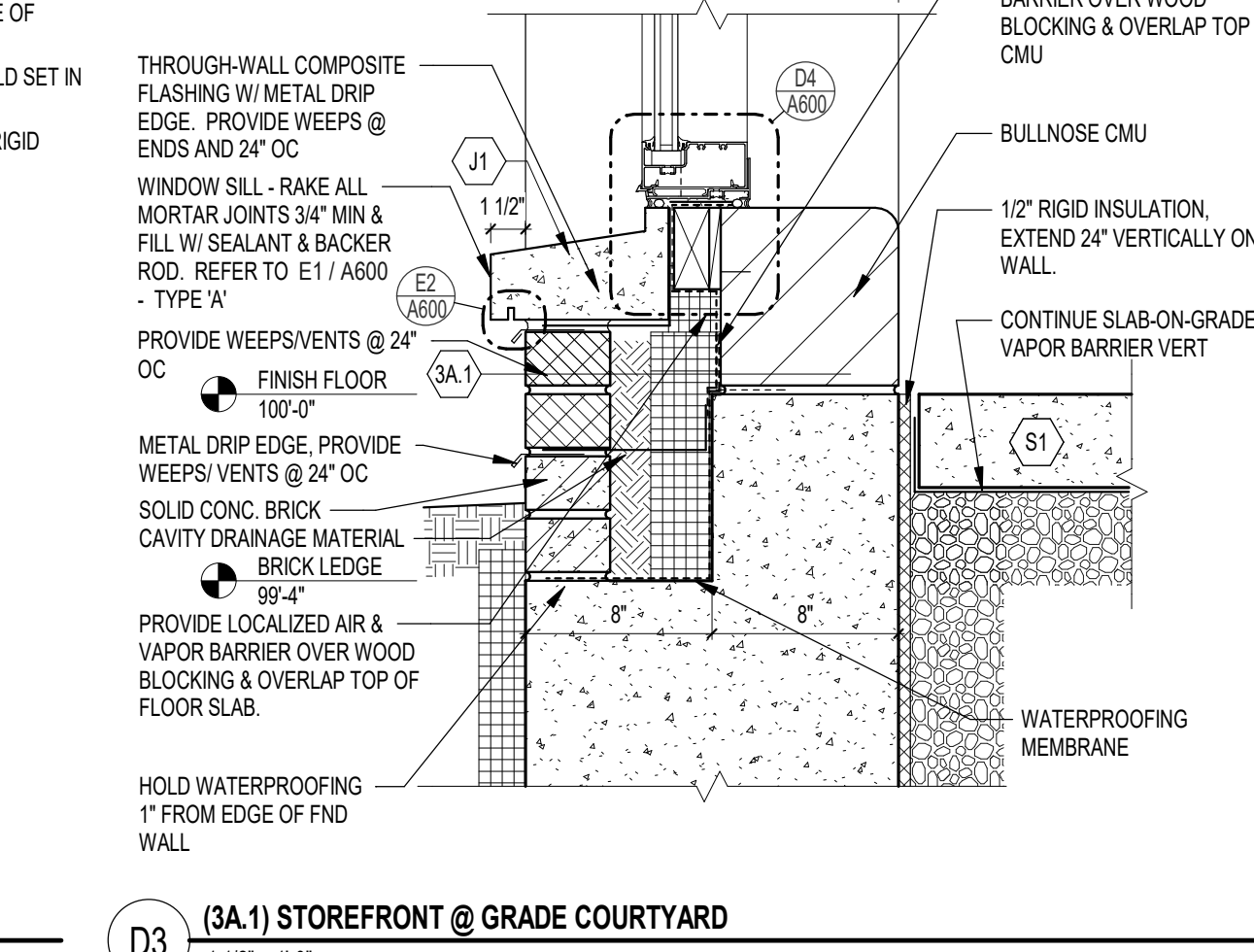
**C5 (3A.1) STOREFRONT JAMB**  
1 1/2" = 1'-0"



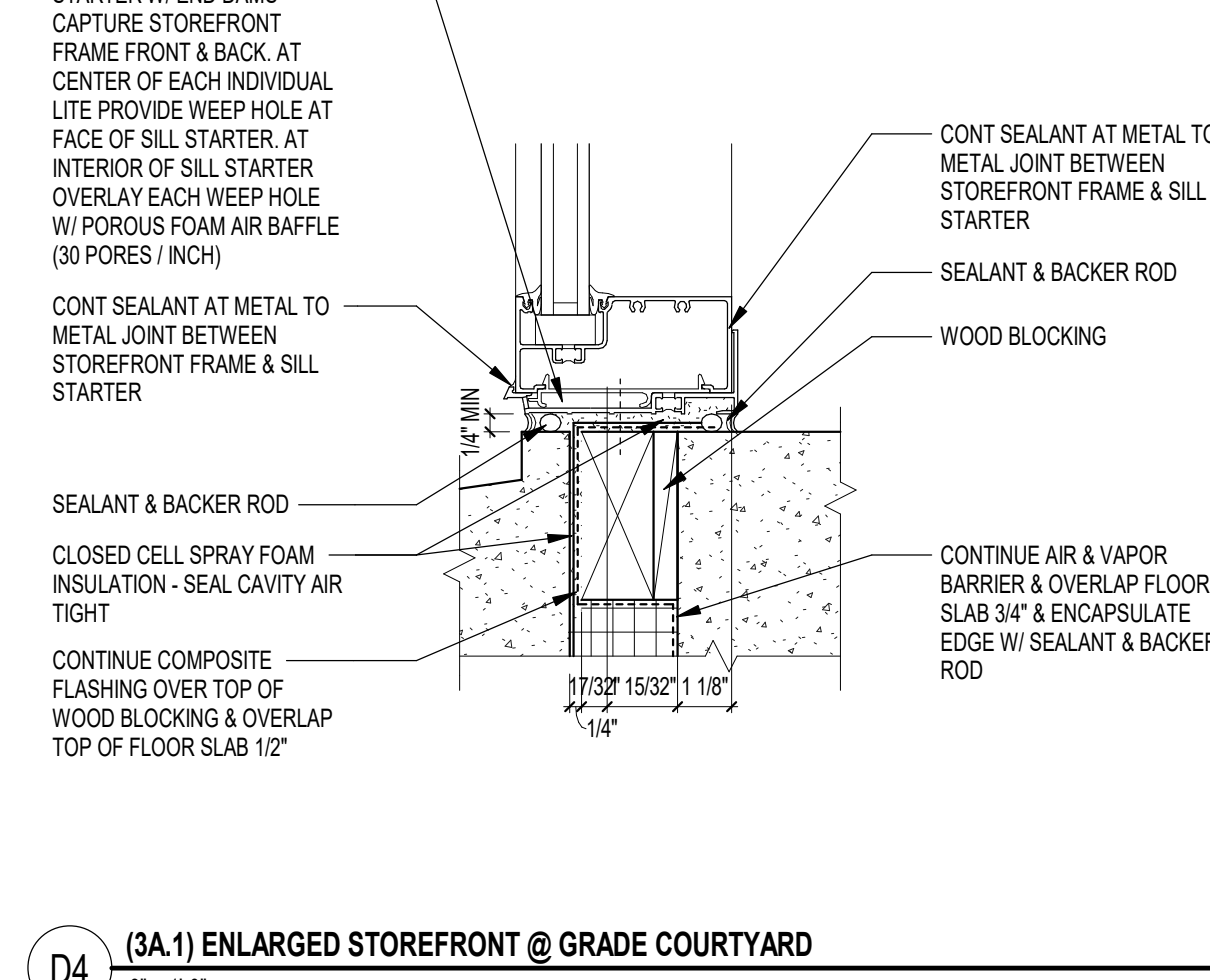
**C6 (3A.1) ENLARGED STOREFRONT JAMB**  
3" = 1'-0"



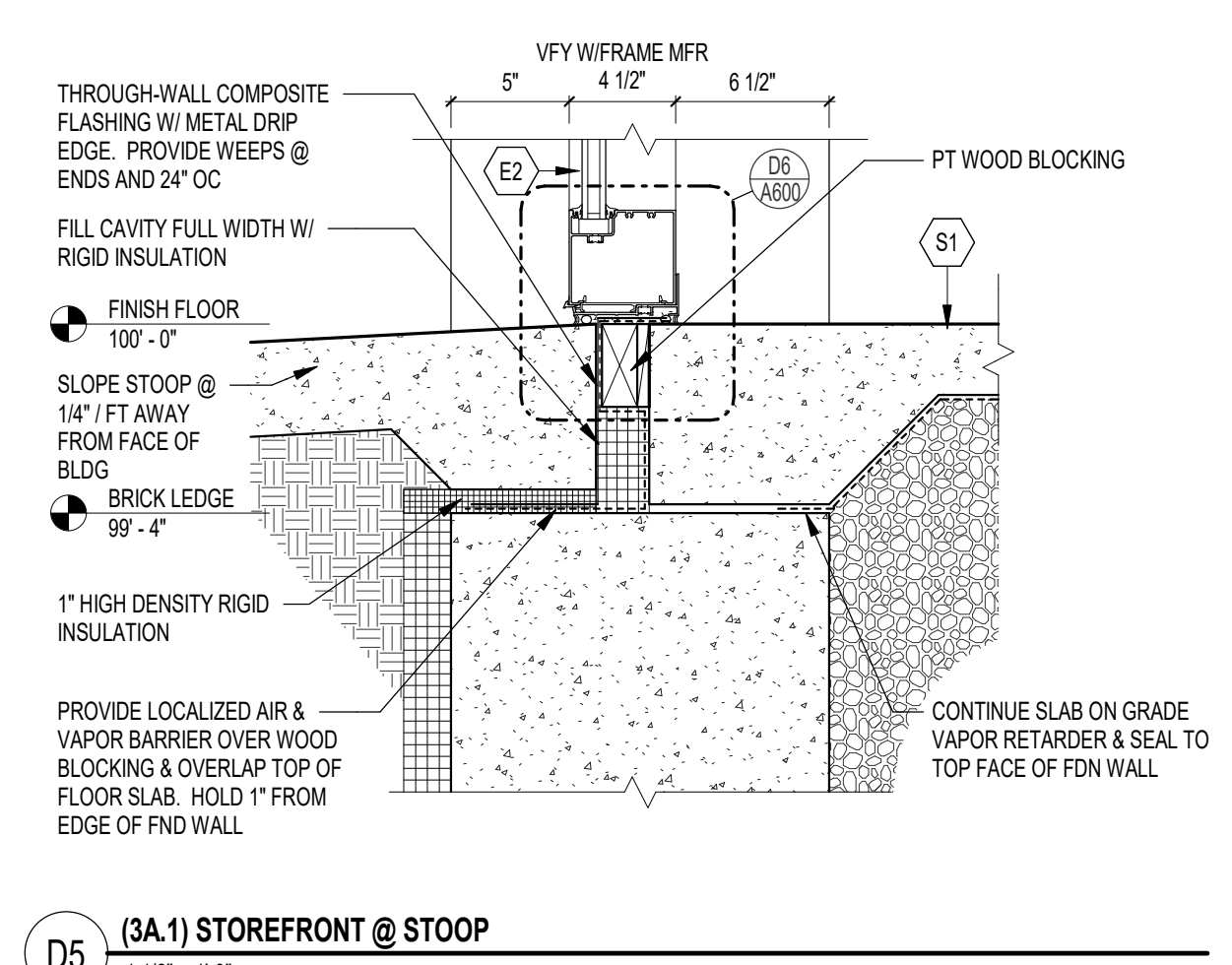
**D2 DOOR THRESHOLD/CONC STOOP**  
1 1/2" = 1'-0"



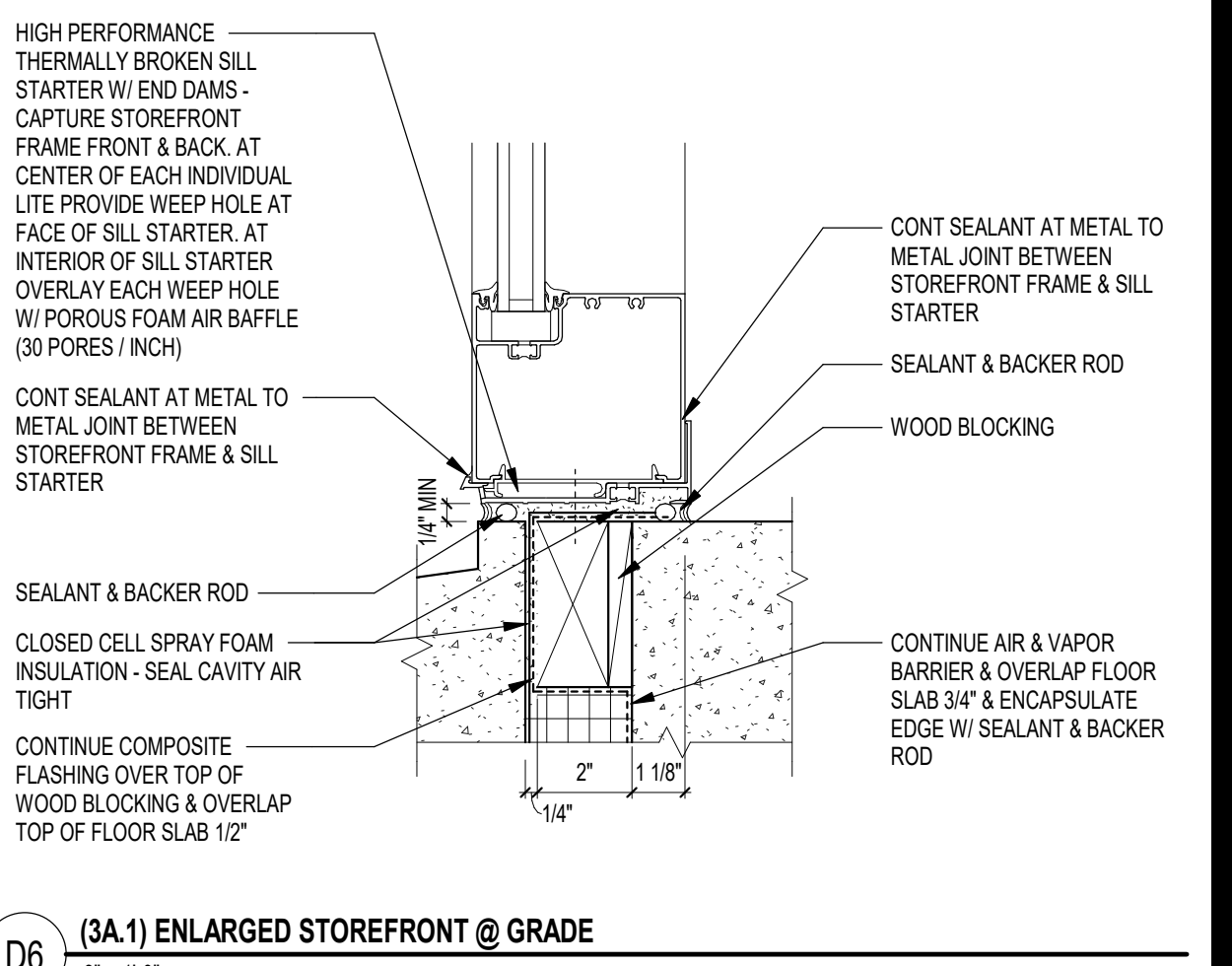
**D3 (3A.1) STOREFRONT @ GRADE COURTYARD**  
3" = 1'-0"



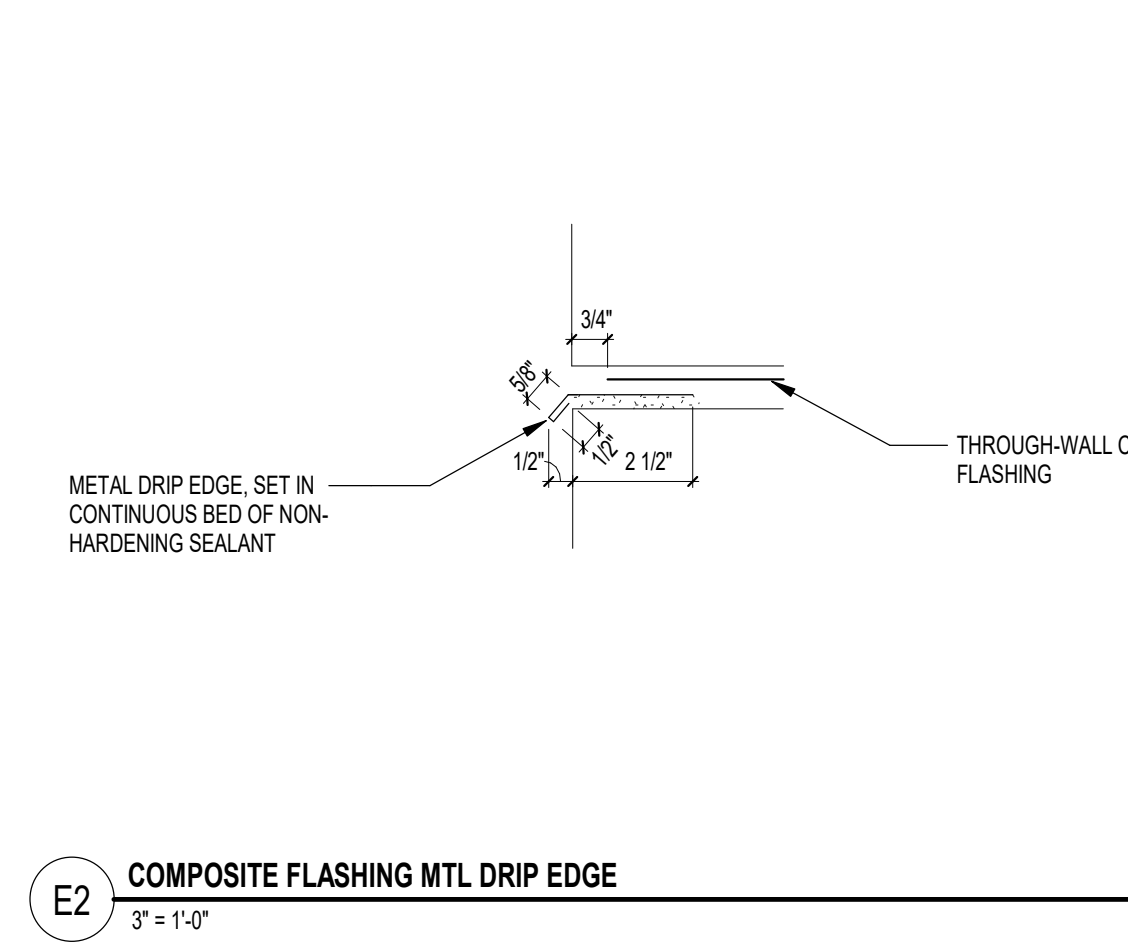
**D4 (3A.1) ENLARGED STOREFRONT @ GRADE COURTYARD**  
3" = 1'-0"



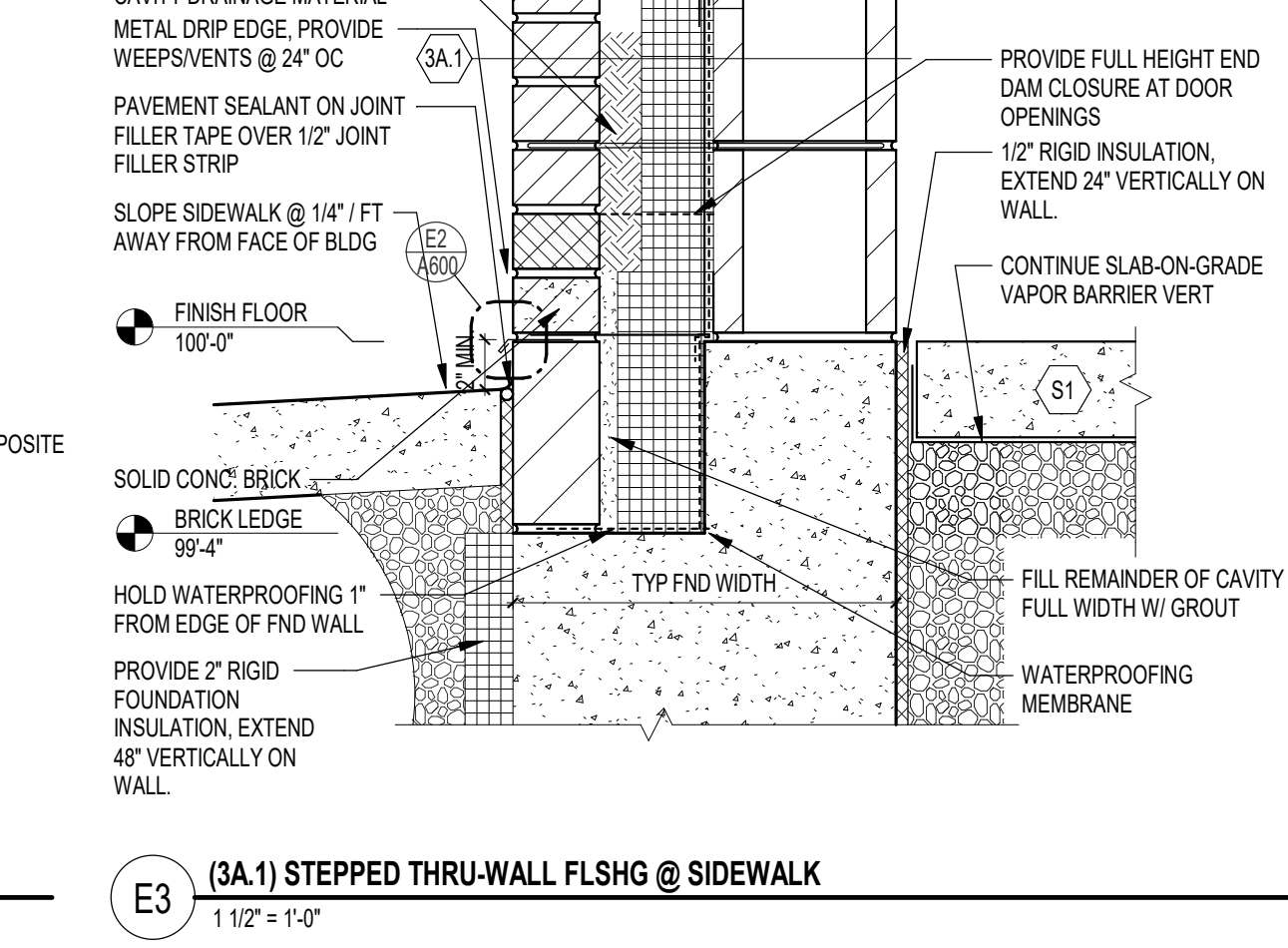
**D5 (3A.1) STOREFRONT @ STOOP**  
1 1/2" = 1'-0"



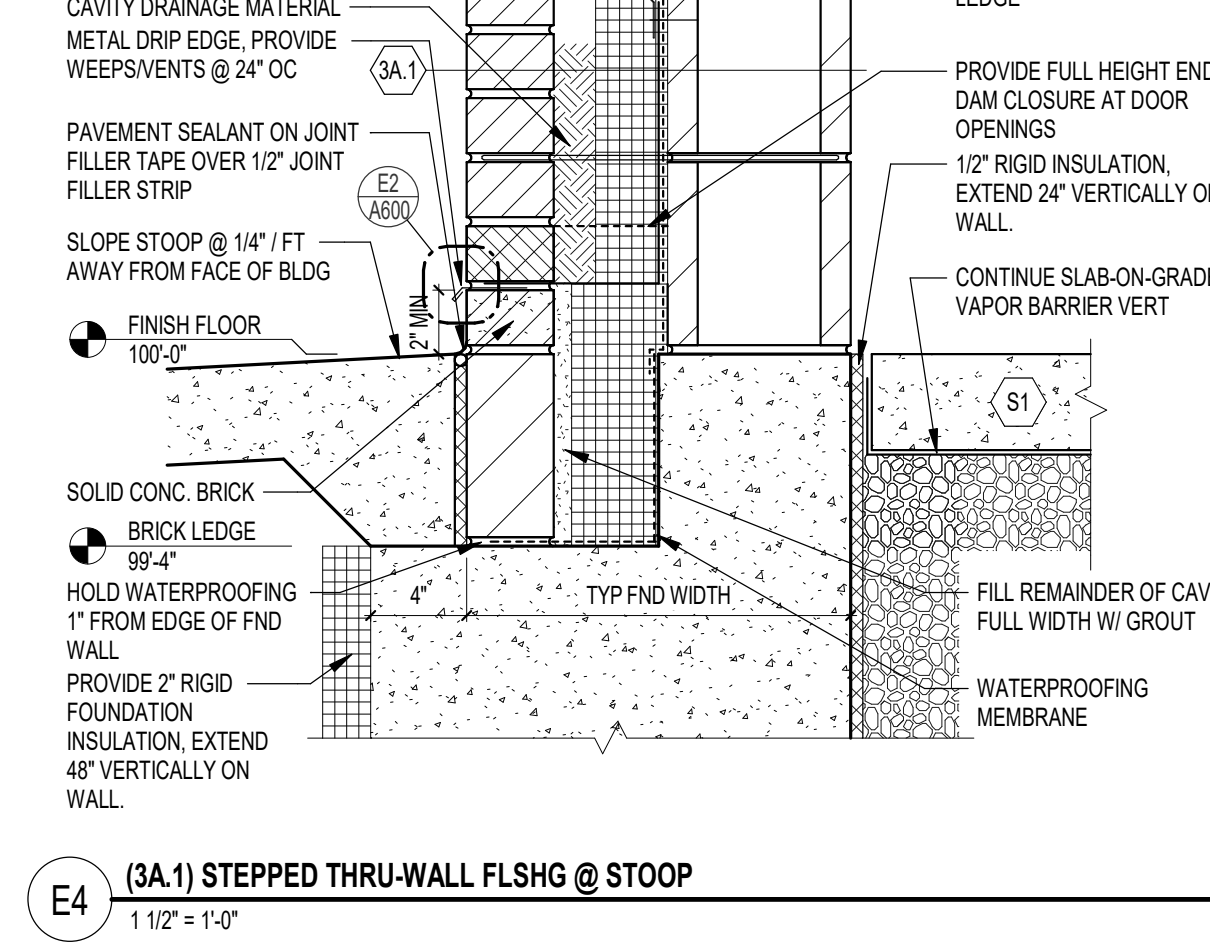
**D6 (3A.1) ENLARGED STOREFRONT @ STOOP**  
3" = 1'-0"



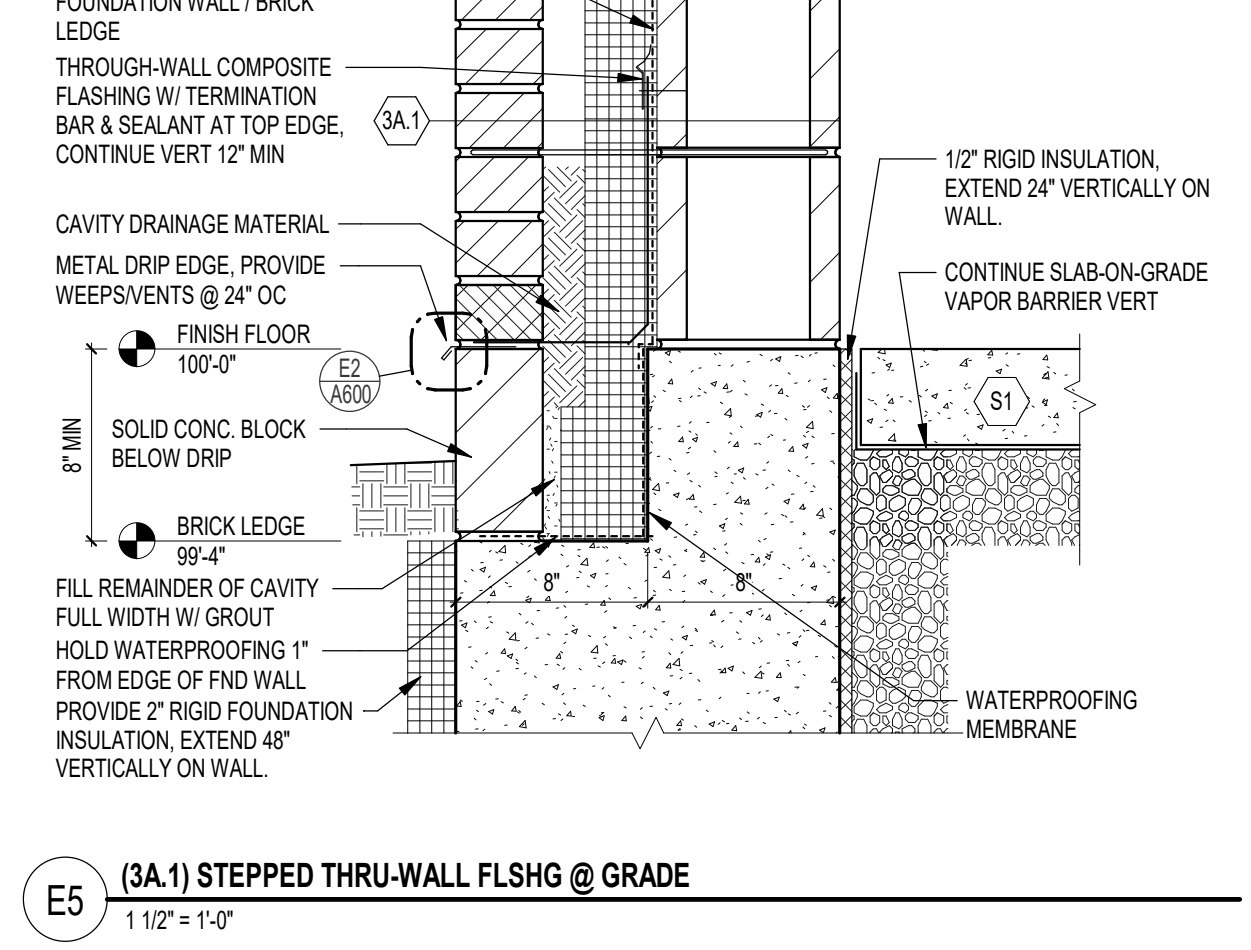
**E2 COMPOSITE FLASHING MTL DRIP EDGE**  
1 1/2" = 1'-0"



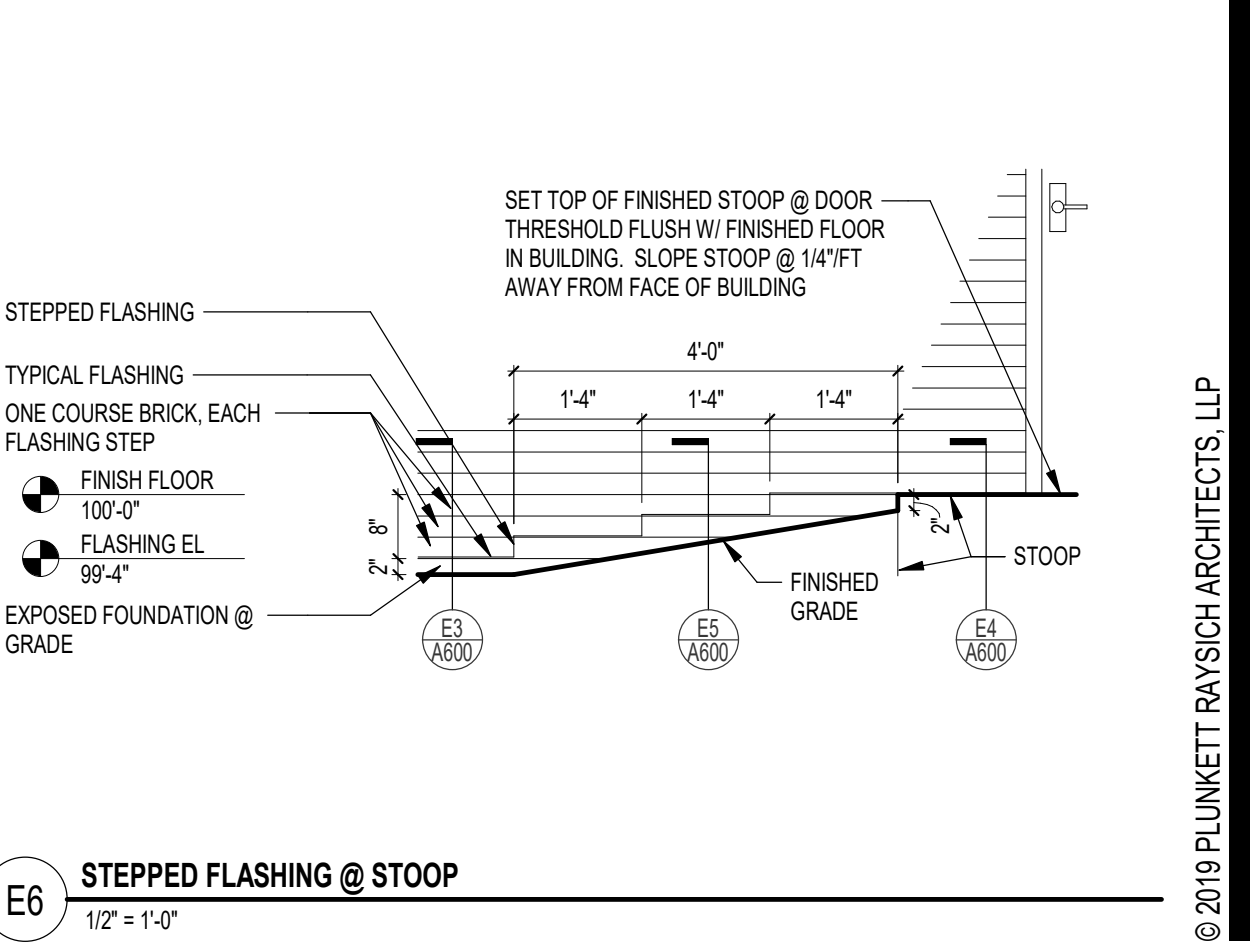
**E3 (3A.1) STEPPED THRU-WALL FLSHG @ SIDEWALK**  
1 1/2" = 1'-0"



**E4 (3A.1) STEPPED THRU-WALL FLSHG @ STOOP**  
1 1/2" = 1'-0"



**E5 (3A.1) STEPPED THRU-WALL FLSHG @ GRADE**  
1 1/2" = 1'-0"



**E6 STEPPED FLASHING @ STOOP**  
1 1/2" = 1'-0"

9/13/2019 2:47:15 PM  
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**E1 PRECAST PROFILES**  
3" = 1'-0"

**E2 COMPOSITE FLASHING MTL DRIP EDGE**  
1 1/2" = 1'-0"

**E3 (3A.1) STEPPED THRU-WALL FLSHG @ SIDEWALK**  
1 1/2" = 1'-0"

**E4 (3A.1) STEPPED THRU-WALL FLSHG @ STOOP**  
1 1/2" = 1'-0"

**E5 (3A.1) STEPPED THRU-WALL FLSHG @ GRADE**  
1 1/2" = 1'-0"

**E6 STEPPED FLASHING @ STOOP**  
1 1/2" = 1'-0"

1410 15th Street  
2110 Wisconsin Drive  
1900 Main Street  
Suite 2000 Madison, Wisconsin 53716  
Suite 309 Sarasota, Florida 34236  
1-813-355-3500  
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**pro**

STEEL LINTEL ANGLE & CONNECTORS, SEE STRUCTURAL  
FILL CAVITY W/ RIGID INSULATION  
CONT WOOD BLOCKING  
SEALANT & BACKER ROD  
CLOSED CELL SPRAY FOAM INSULATION

14" CLEAR BETWEEN MASONRY JAMB & EDGE OF SILL STARTER W/ END DAM BELOW SEAL END OF SILL STARTER W/ END DAM TO SUBSTRATE PRIOR TO SETTING WINDOW  
1/2" CLEAR BETWEEN MASONRY JAMB & EDGE OF VERTICAL FRAME  
1/4" EXTENSION OF SILL STARTER W/ END DAM BEYOND EDGE OF VERTICAL FRAME  
SEALANT & BACKER ROD  
EDGE OF SILL STARTER W/ END DAM BELOW  
CLOSED CELL SPRAY FOAM INSULATION  
WOOD BLOCKING  
SEALANT & BACKER ROD

1/2" RIGID INSULATION, EXTEND 24" VERTICALLY ON WALL  
CONTINUE SLAB ON GRADE VAPOR BARRIER VERT  
CONT SEALANT AT METAL TO METAL JOINT BETWEEN STOREFRONT FRAME & SILL STARTER  
CONT SEALANT AT METAL TO METAL JOINT BETWEEN STOREFRONT FRAME & SILL STARTER  
WOOD BLOCKING  
SEALANT & BACKER ROD  
CONTINUE AIR & VAPOR BARRIER OVER FLOOR SLAB 3/4" & ENCAPSULATE EDGE W/ SEALANT & BACKER ROD  
CONTINUE COMPOSITE FLASHING OVER TOP OF WOOD BLOCKING & OVERLAP TOP OF FLOOR SLAB 1/2"

THROUGH-WALL COMPOSITE FLASHING W/ METAL DRIP EDGE, PROVIDE WEEPS @ ENDS AND 24" OC  
FILL CAVITY FULL WIDTH W/ RIGID INSULATION  
FINISH FLOOR 100'-0"  
SLOPE STOOP @ 1/4" / FT AWAY FROM FACE OF BLDG  
BRICK LEDGE 99'-4"  
1" HIGH DENSITY RIGID INSULATION  
PROVIDE LOCALIZED AIR & VAPOR BARRIER OVER WOOD BLOCKING & OVERLAP TOP OF FLOOR SLAB. HOLD 1" FROM EDGE OF FND WALL

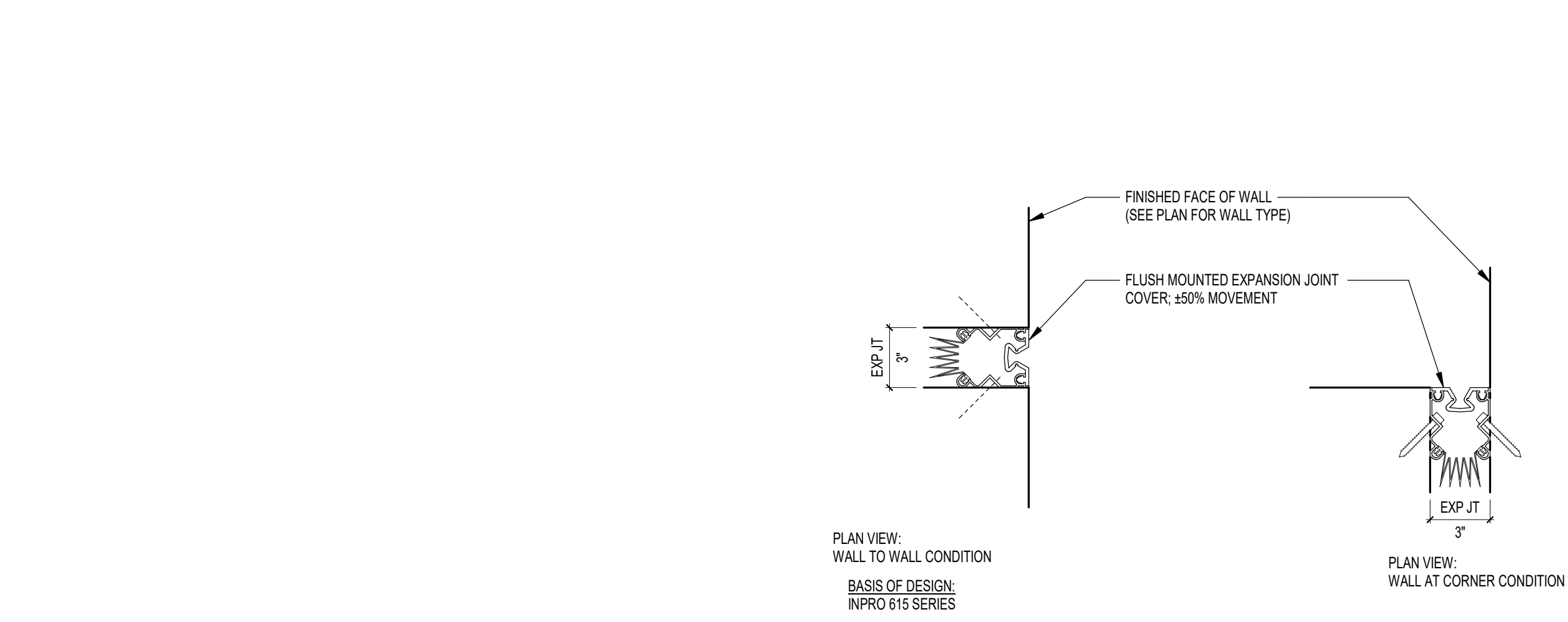
THROUGH-WALL COMPOSITE FLASHING W/ TERMINATION BAR & SEALANT AT TOP EDGE, CONTINUE VERT 12" MIN  
CAVITY DRAINAGE MATERIAL  
METAL DRIP EDGE, PROVIDE WEEPS/VENTS @ 24" OC  
PAVEMENT SEALANT ON JOINT FILLER TAPE OVER 1/2" JOINT FILLER STRIP  
SLOPE SIDEWALK @ 1/4" / FT AWAY FROM FACE OF BLDG  
FINISH FLOOR 100'-0"  
SOLID CONC BRICK BRICK LEDGE 99'-4"  
HOLD WATERPROOFING 1" FROM EDGE OF FND WALL  
PROVIDE 2" RIGID FOUNDATION INSULATION, EXTEND 48" VERTICALLY ON WALL

THROUGH-WALL COMPOSITE FLASHING W/ TERMINATION BAR & SEALANT AT TOP EDGE, CONTINUE VERT 12" MIN  
CAVITY DRAINAGE MATERIAL  
METAL DRIP EDGE, PROVIDE WEEPS/VENTS @ 24" OC  
PROVIDE FULL HEIGHT END DAM CLOSURE AT DOOR OPENINGS  
1/2" RIGID INSULATION, EXTEND 24" VERTICALLY ON WALL  
CONTINUE SLAB ON GRADE VAPOR BARRIER VERT  
FINISH FLOOR 100'-0"  
SOLID CONC BRICK BRICK LEDGE 99'-4"  
HOLD WATERPROOFING 1" FROM EDGE OF FND WALL  
PROVIDE 2" RIGID FOUNDATION INSULATION, EXTEND 48" VERTICALLY ON WALL

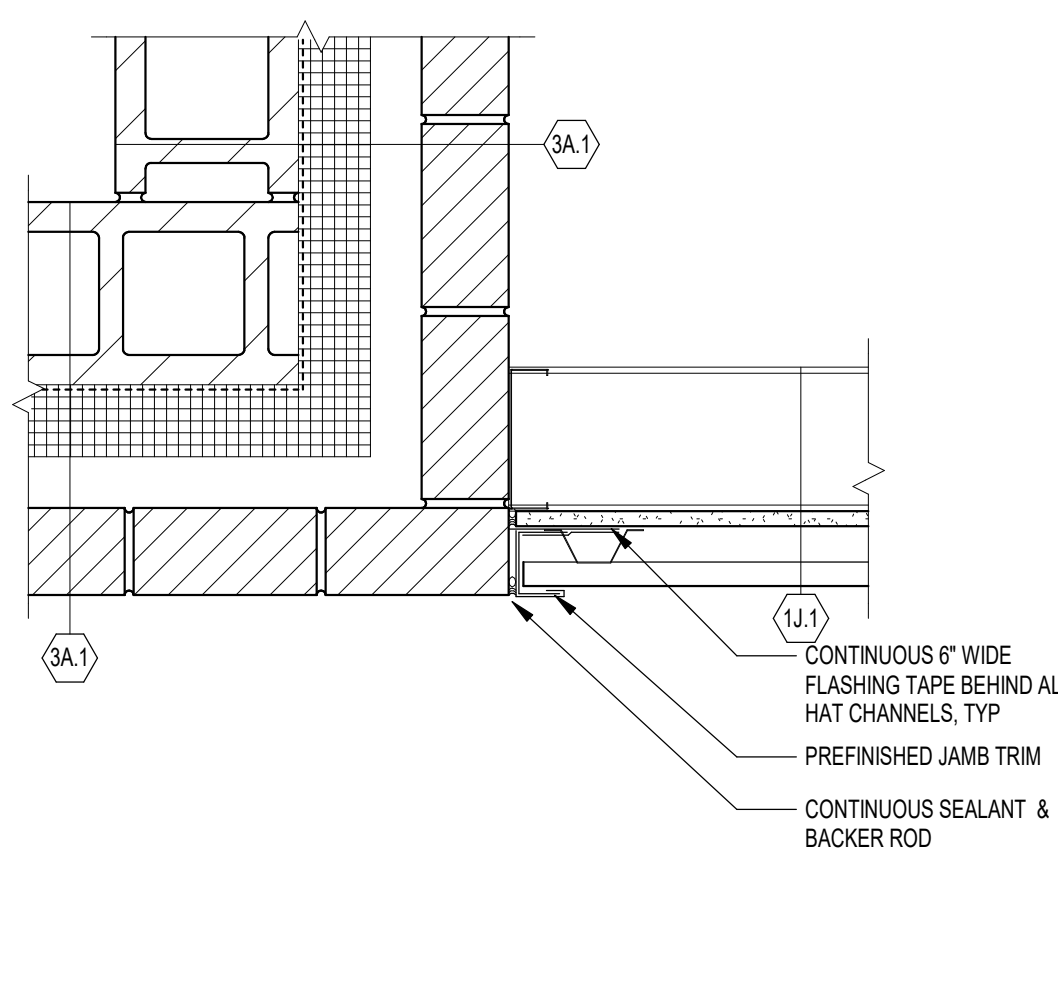
THROUGH-WALL COMPOSITE FLASHING W/ TERMINATION BAR & SEALANT AT TOP EDGE, CONTINUE VERT 12" MIN  
CAVITY DRAINAGE MATERIAL  
METAL DRIP EDGE, PROVIDE WEEPS/VENTS @ 24" OC  
CONTINUE AIR & VAPOR BARRIER BEHIND COMPOSITE FLASHING & ONTO FOUNDATION WALL / BRICK LEDGE  
PROVIDE FULL HEIGHT END DAM CLOSURE AT DOOR OPENINGS  
1/2" RIGID INSULATION, EXTEND 24" VERTICALLY ON WALL  
CONTINUE SLAB ON GRADE VAPOR BARRIER VERT  
FINISH FLOOR 100'-0"  
SOLID CONC BLOCK BELOW DRIP  
BRICK LEDGE 99'-4"  
FILL REMAINDER OF CAVITY FULL WIDTH W/ GROUT  
HOLD WATERPROOFING 1" FROM EDGE OF FND WALL  
PROVIDE 2" RIGID FOUNDATION INSULATION, EXTEND 48" VERTICALLY ON WALL

REVISIONS:  
CONSTRUCTION DOCUMENTS  
DATE: 09-13-19  
JOB NO: 190106-03  
SHEET NO:  
EXTERIOR DETAILS

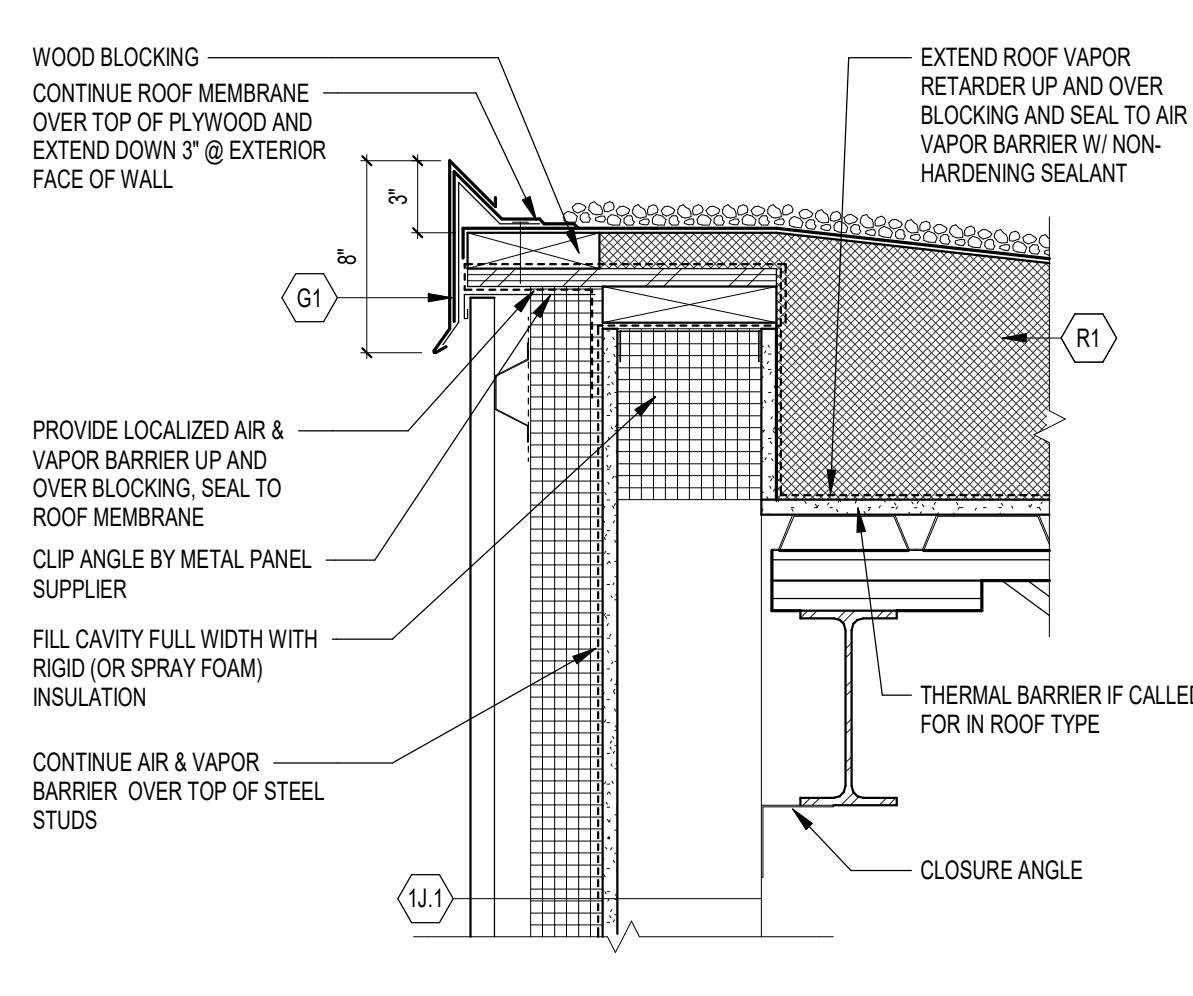
**A600**



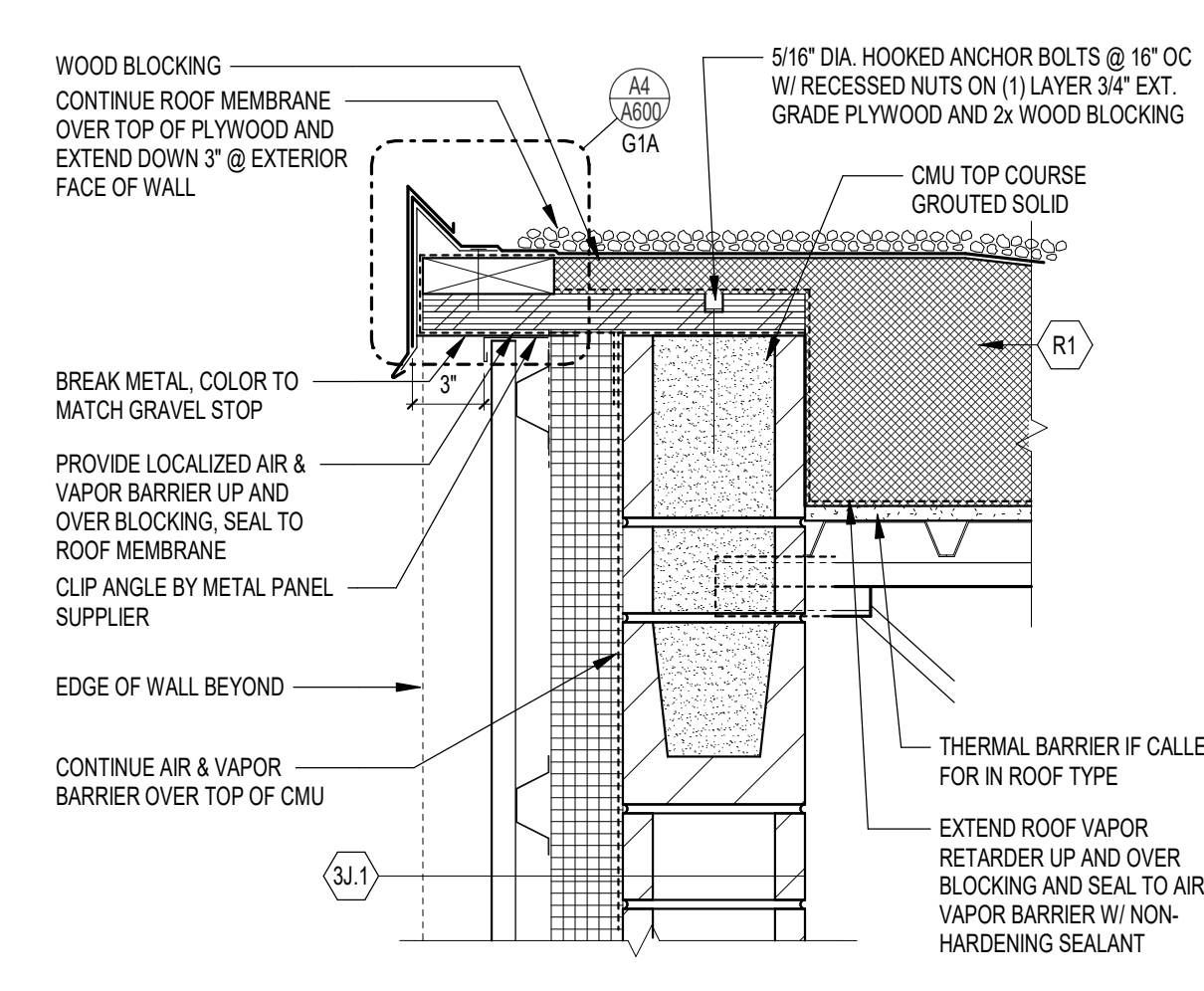
**A2 (EXTERIOR) WALL EXPANSION JOINT**  
3' = 1'-0"



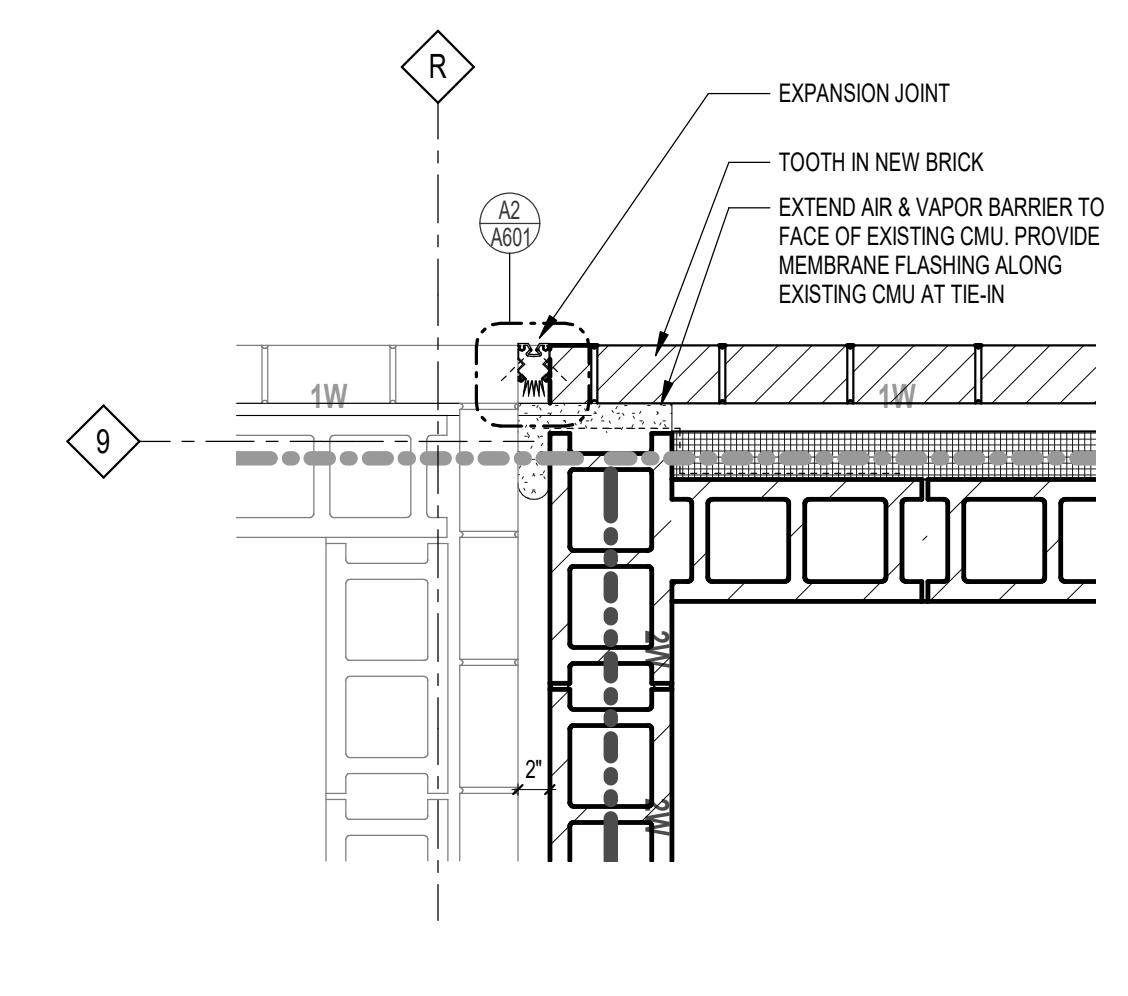
**A3 (3A.1/1J.1) VERTICAL TRANSITION**  
1 1/2\"/>



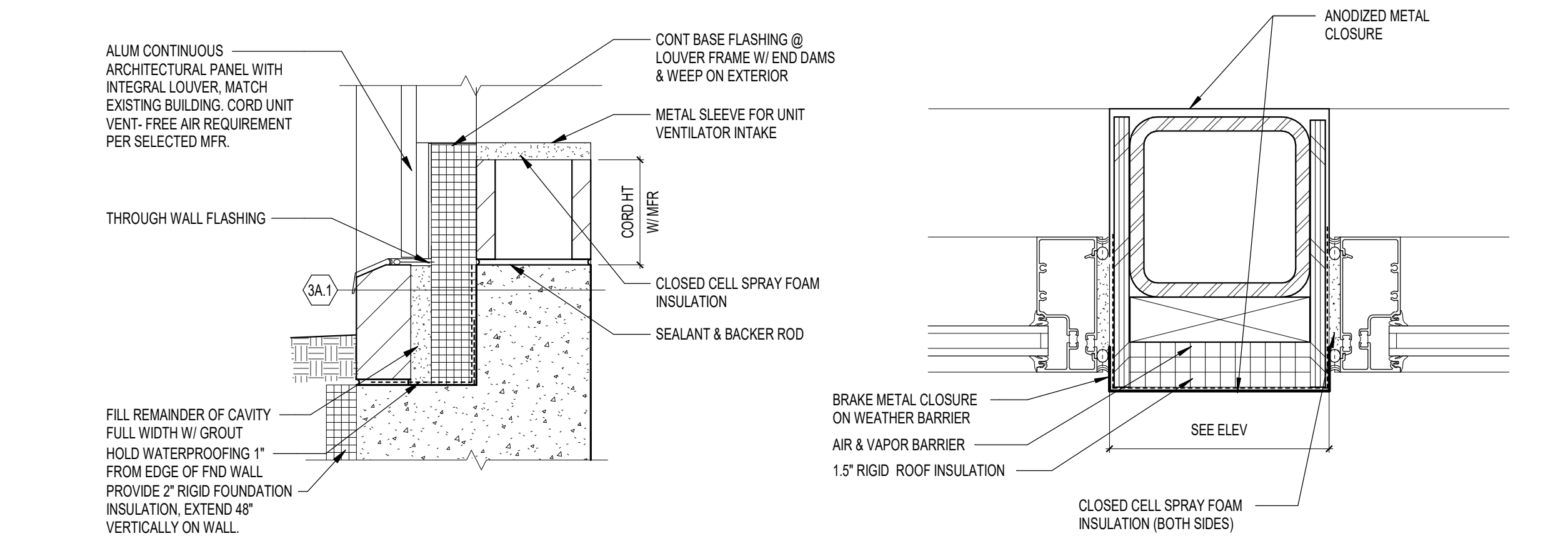
**A4 (1J.1) METAL PANEL WALL ROOF EDGE**  
1 1/2\"/>



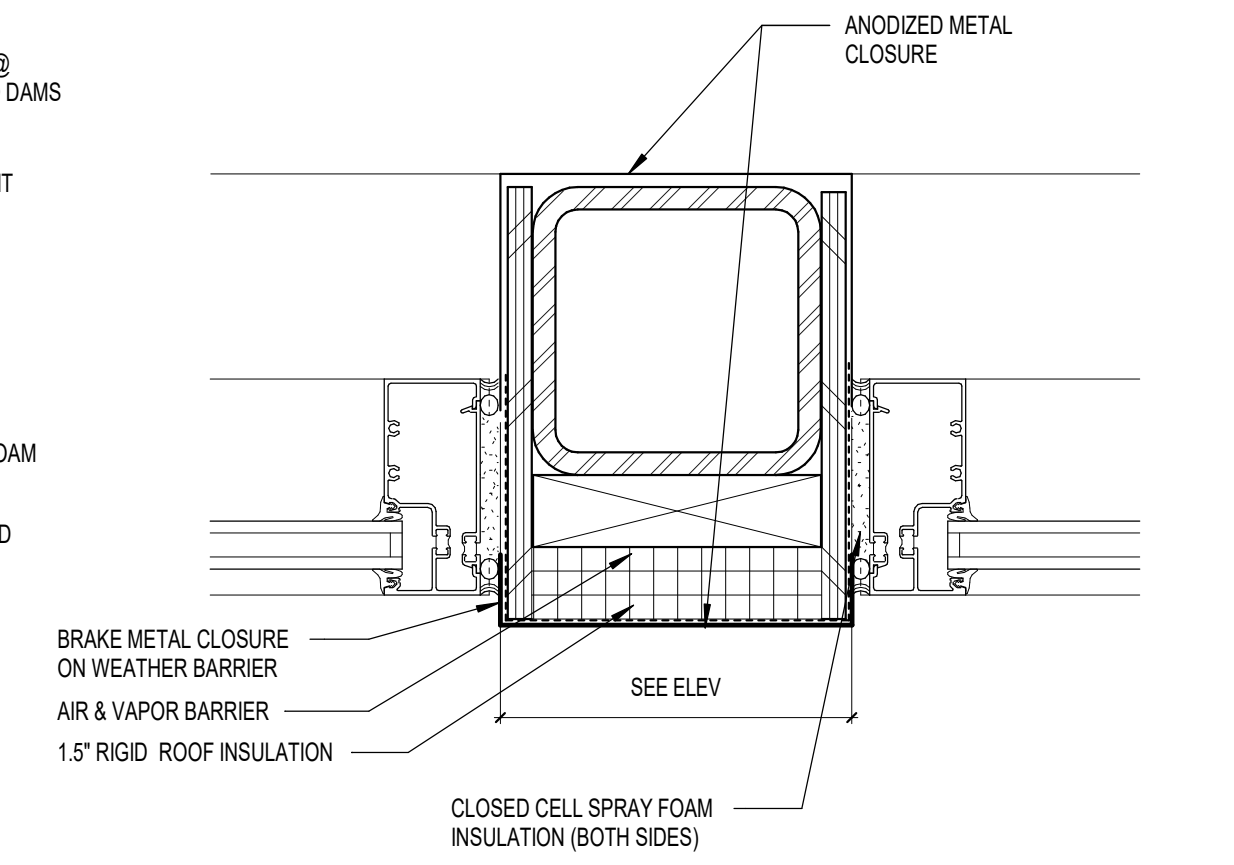
**A5 (3J.1) METAL PANEL WALL ROOF EDGE**  
1 1/2\"/>



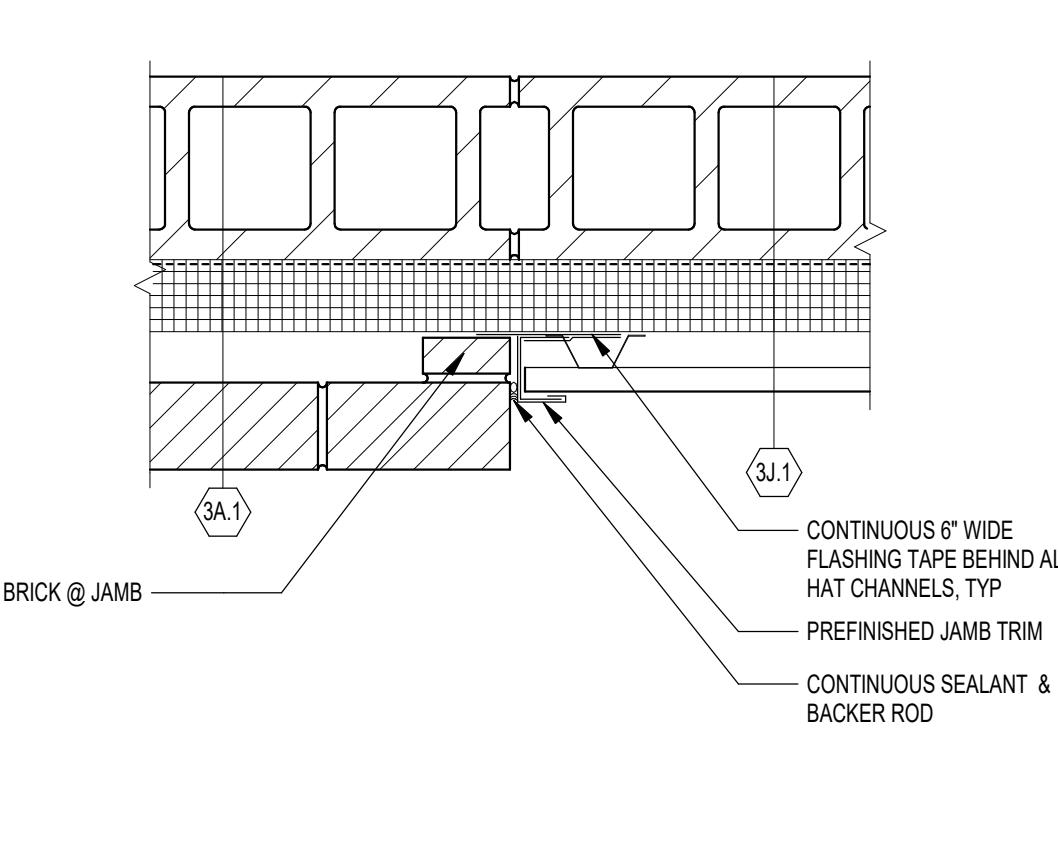
**A6 MASONRY TIE-IN @ NORTHEAST CORNER**  
1\"/>



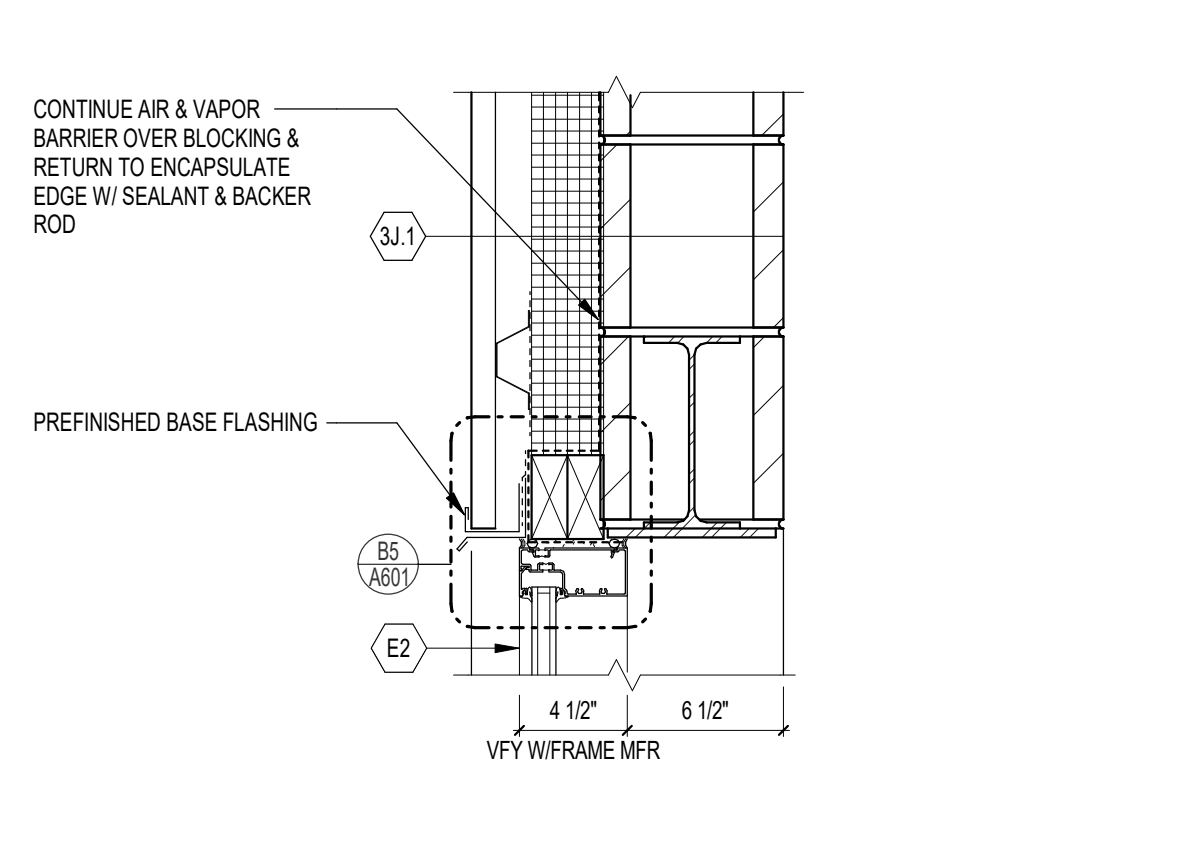
**B1 THROUGH WALL FLASHING @ LOUVER**  
1 1/2\"/>



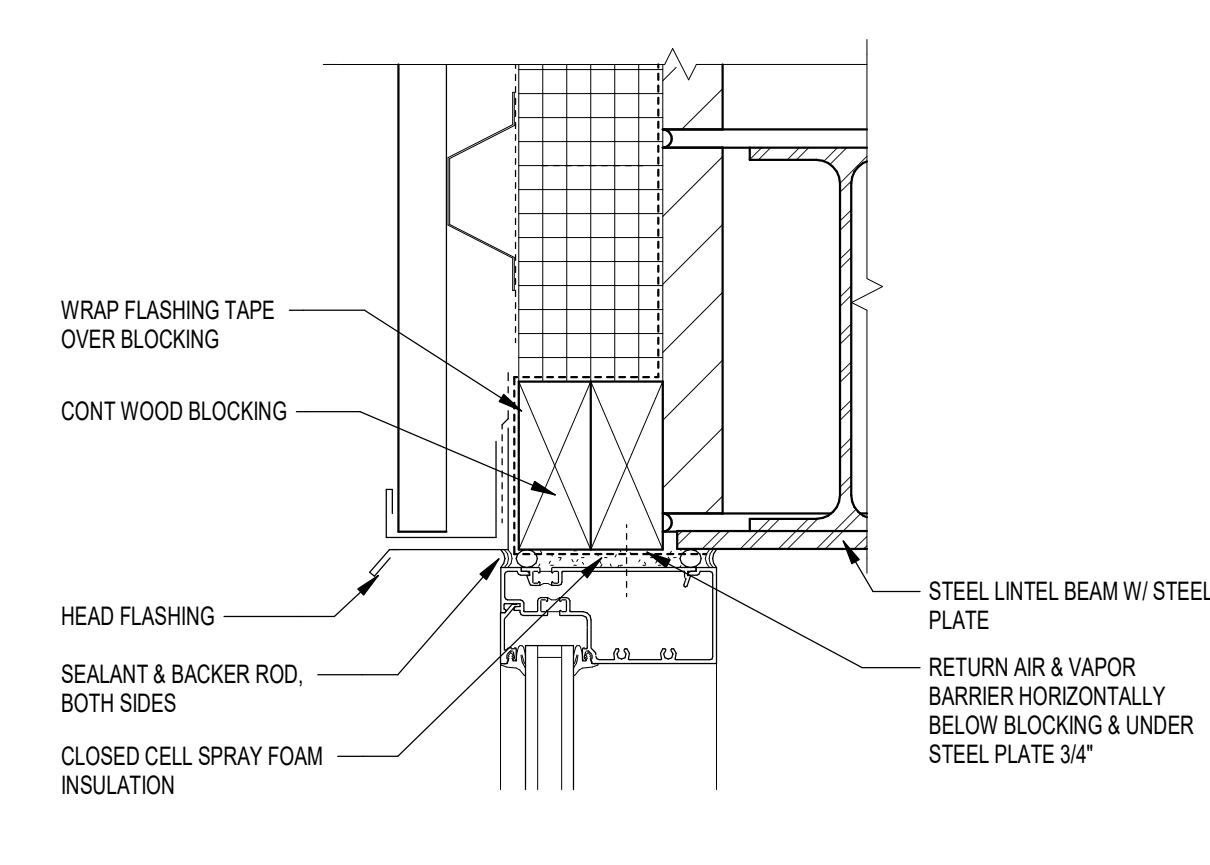
**B2 MULLION COVER**  
3\"/>



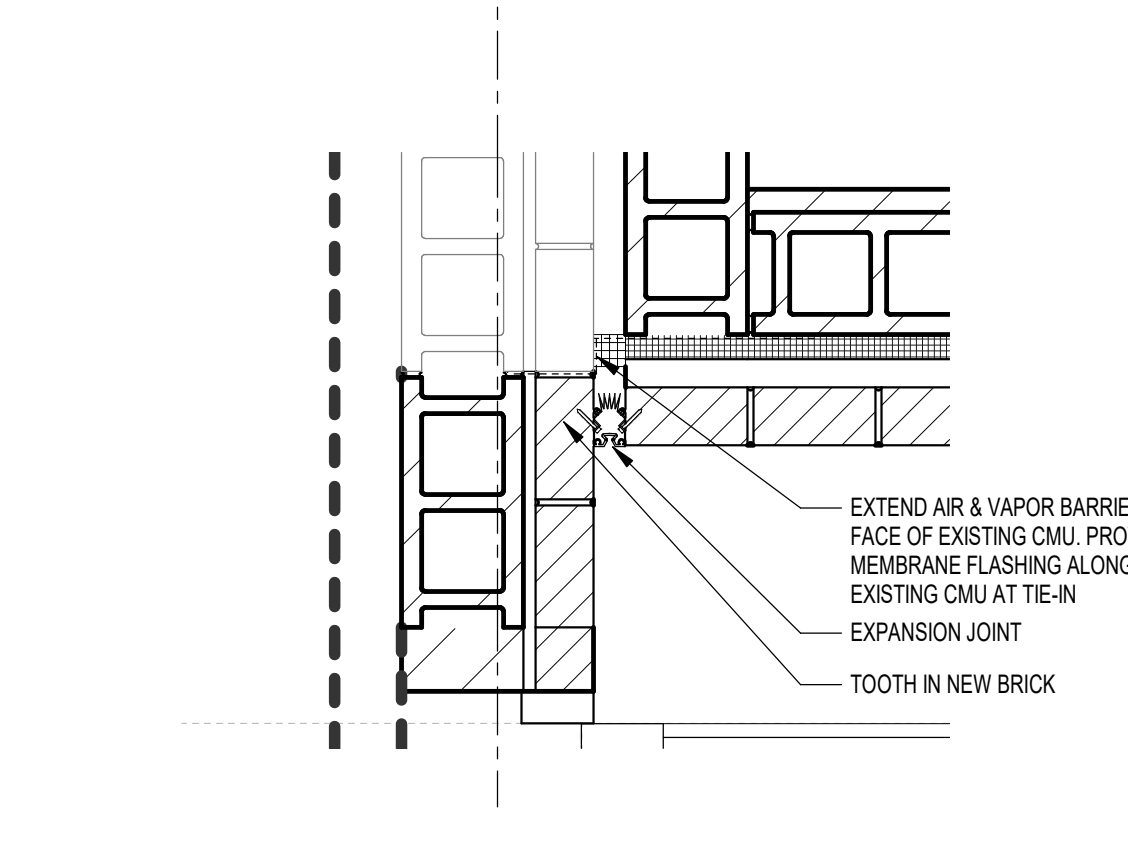
**B3 (3A.1/3J.1) VERTICAL TRANSITION**  
1 1/2\"/>



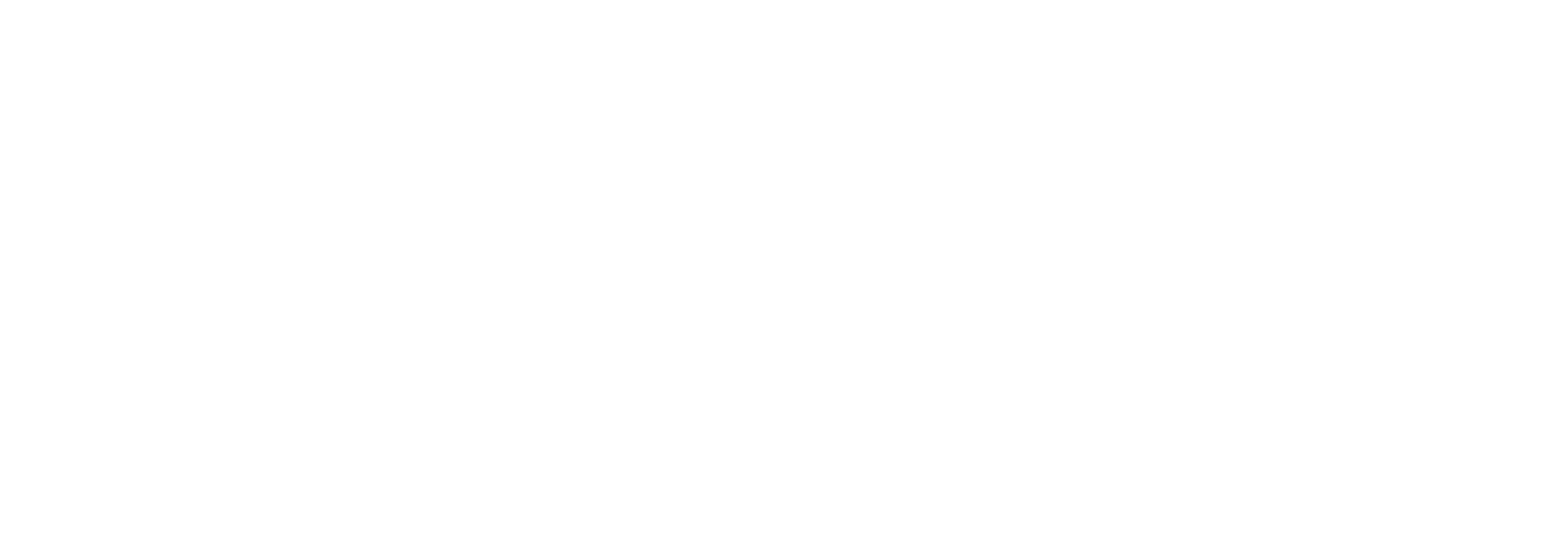
**B4 (3J.1) STOREFRONT HEAD**  
1 1/2\"/>



**B5 (3J.1) ENLARGED STOREFRONT HEAD**  
3\"/>



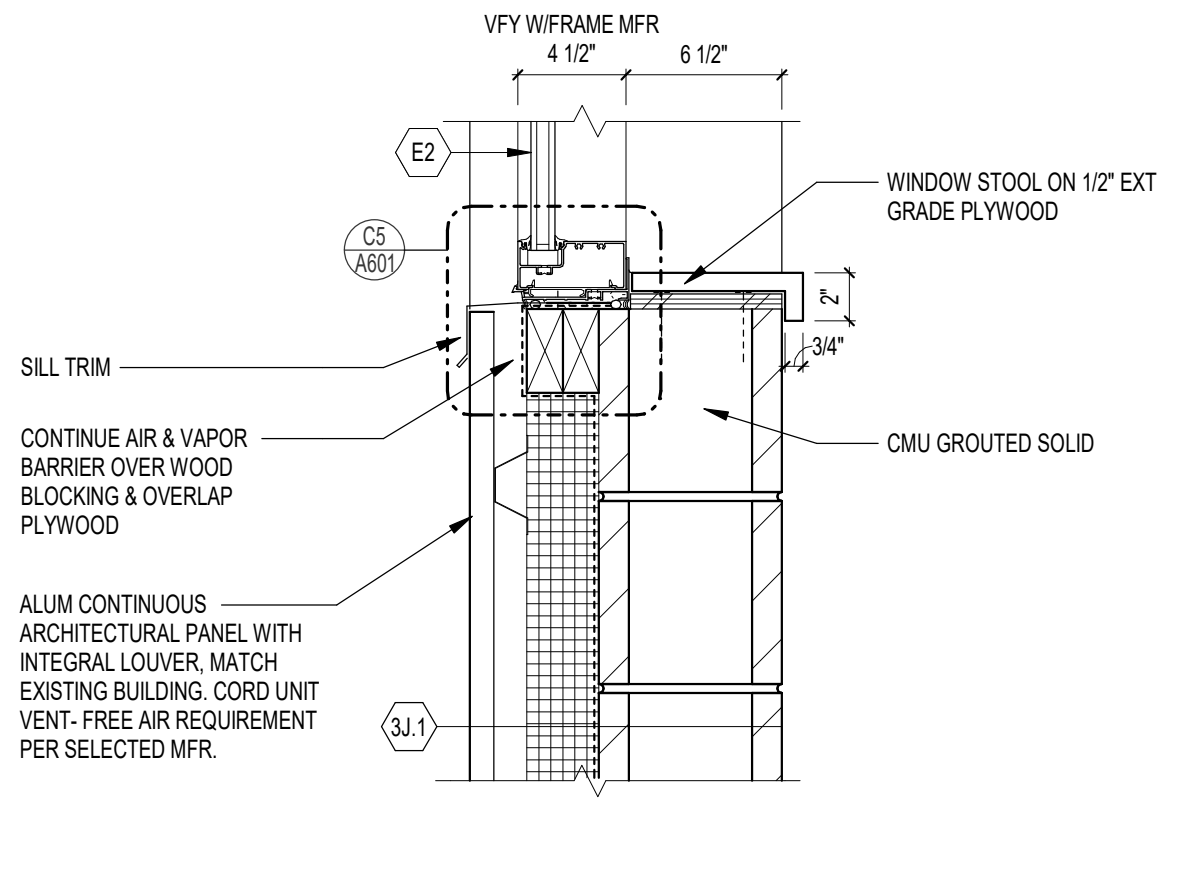
**B6 MASONRY TIE-IN @ SOUTHEAST COURTYARD CORNER**  
1\"/>



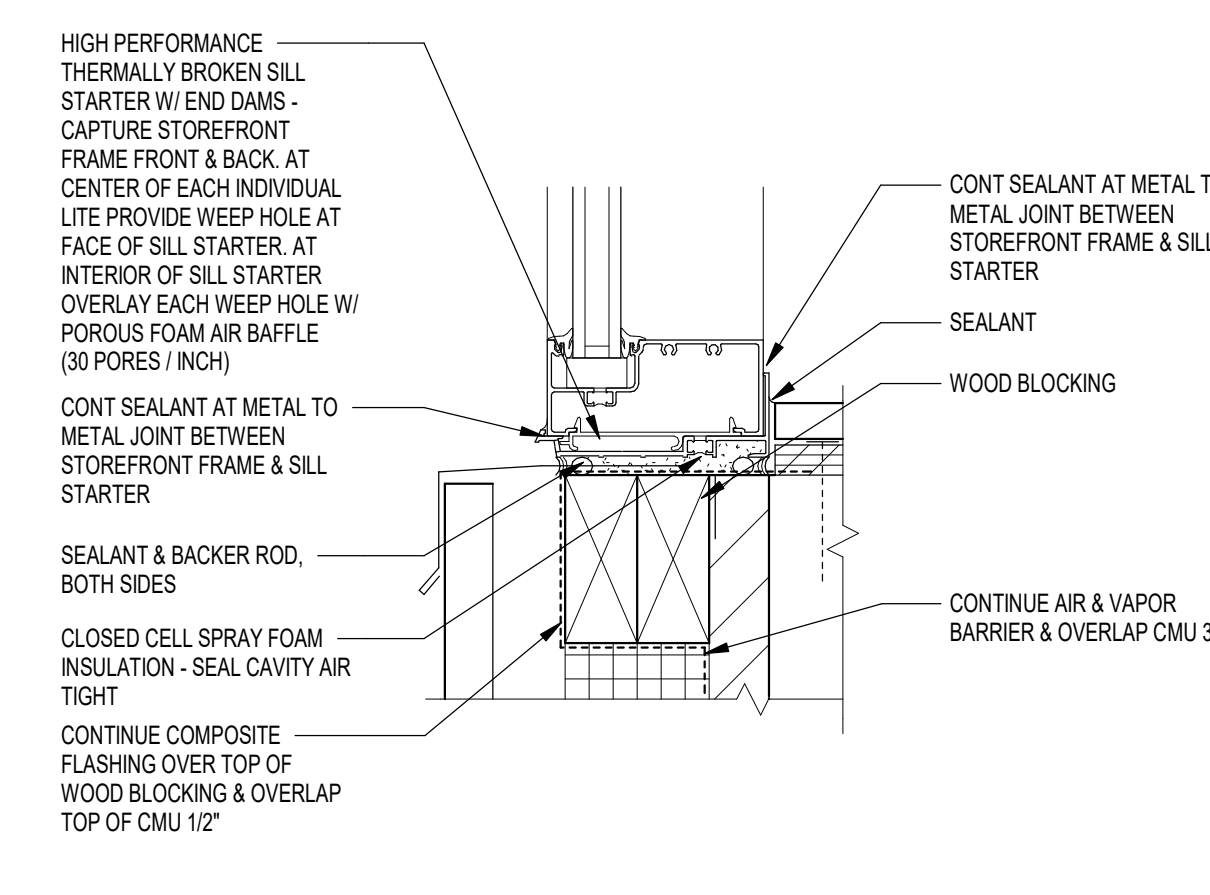
**B7 THROUGH WALL FLASHING @ LOUVER**  
1 1/2\"/>



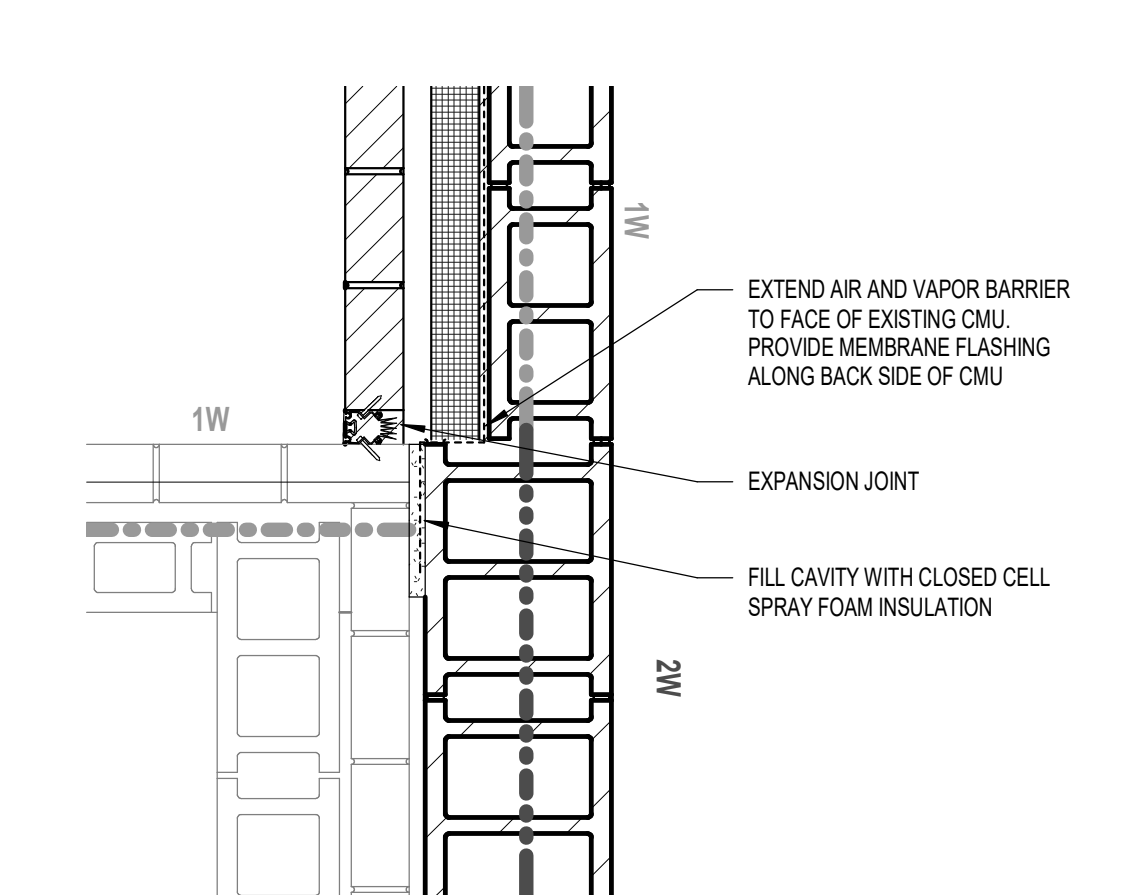
**B8 (3J.1) STOREFRONT SILL**  
1 1/2\"/>



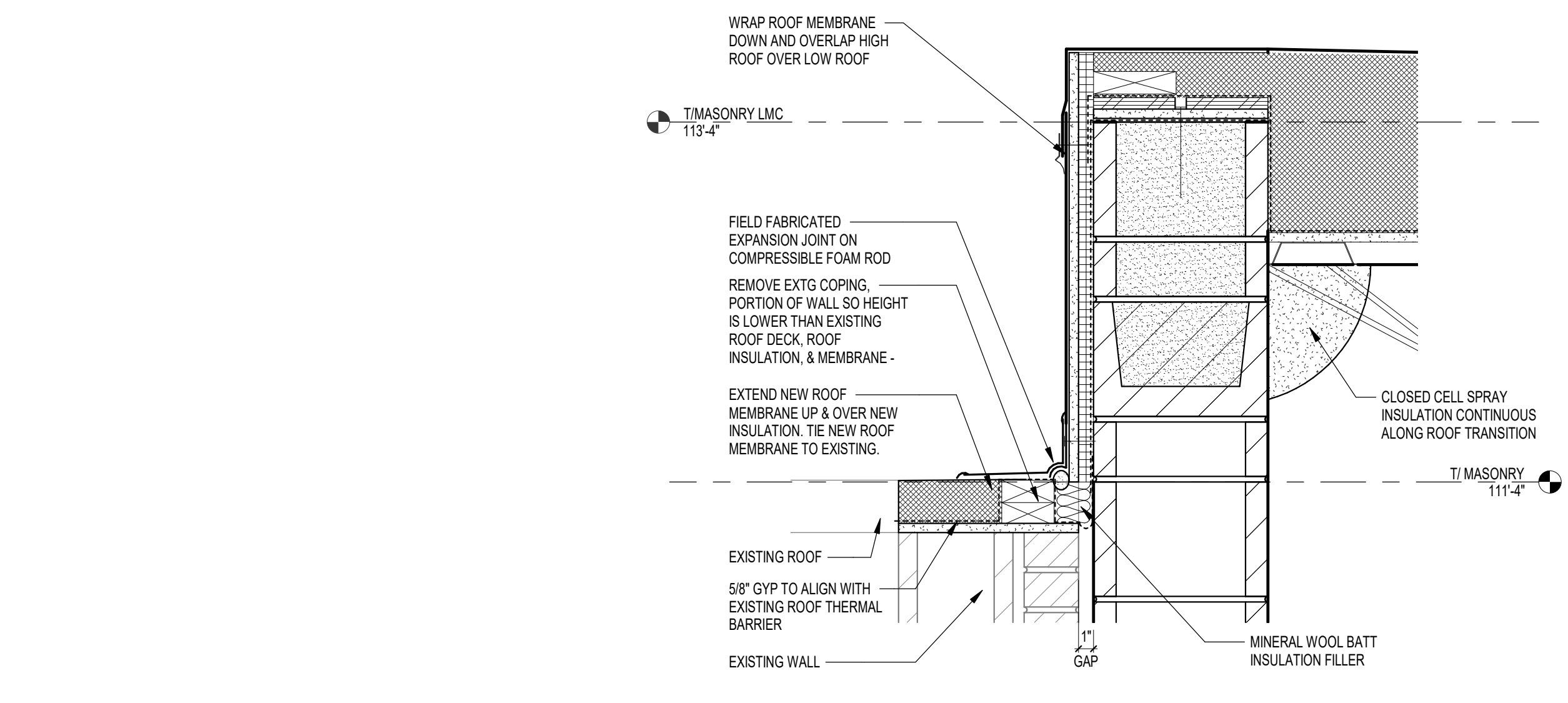
**B9 (3J.1) ENLARGED STOREFRONT SILL**  
3\"/>



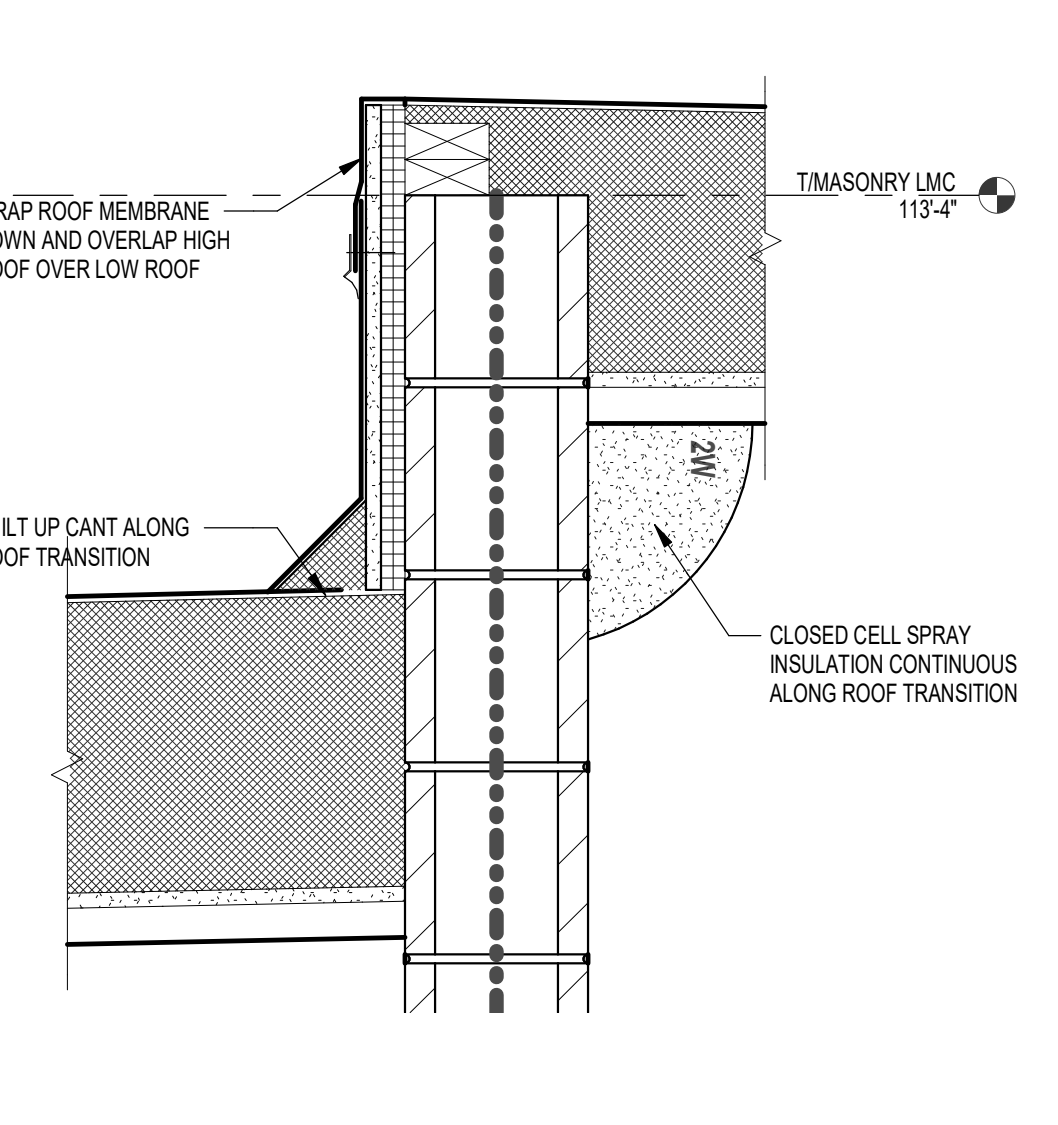
**B10 (3J.1) ENLARGED STOREFRONT SILL**  
3\"/>



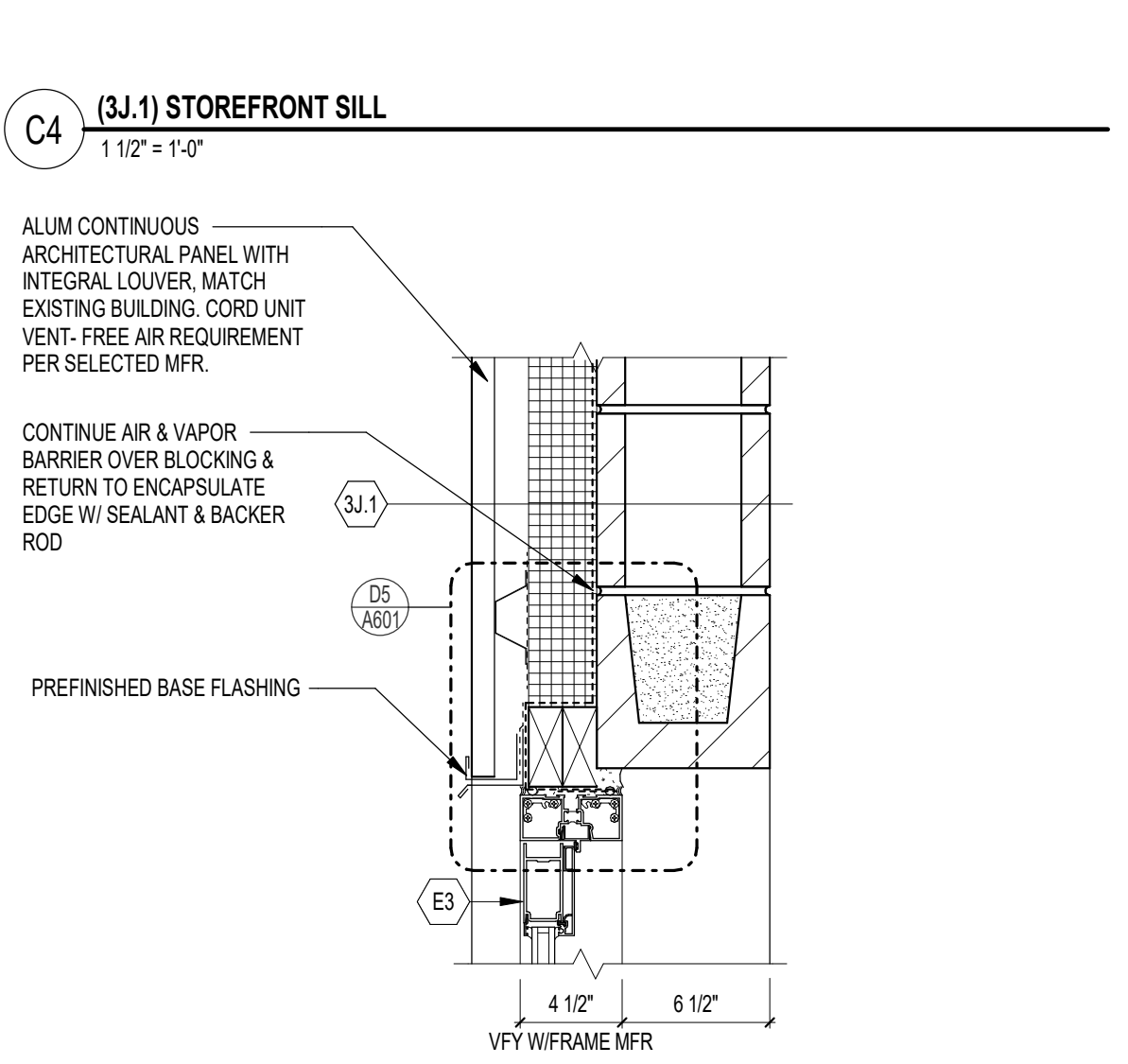
**B11 MASONRY TIE-IN @ SOUTHWEST COURTYARD CORNER**  
1\"/>



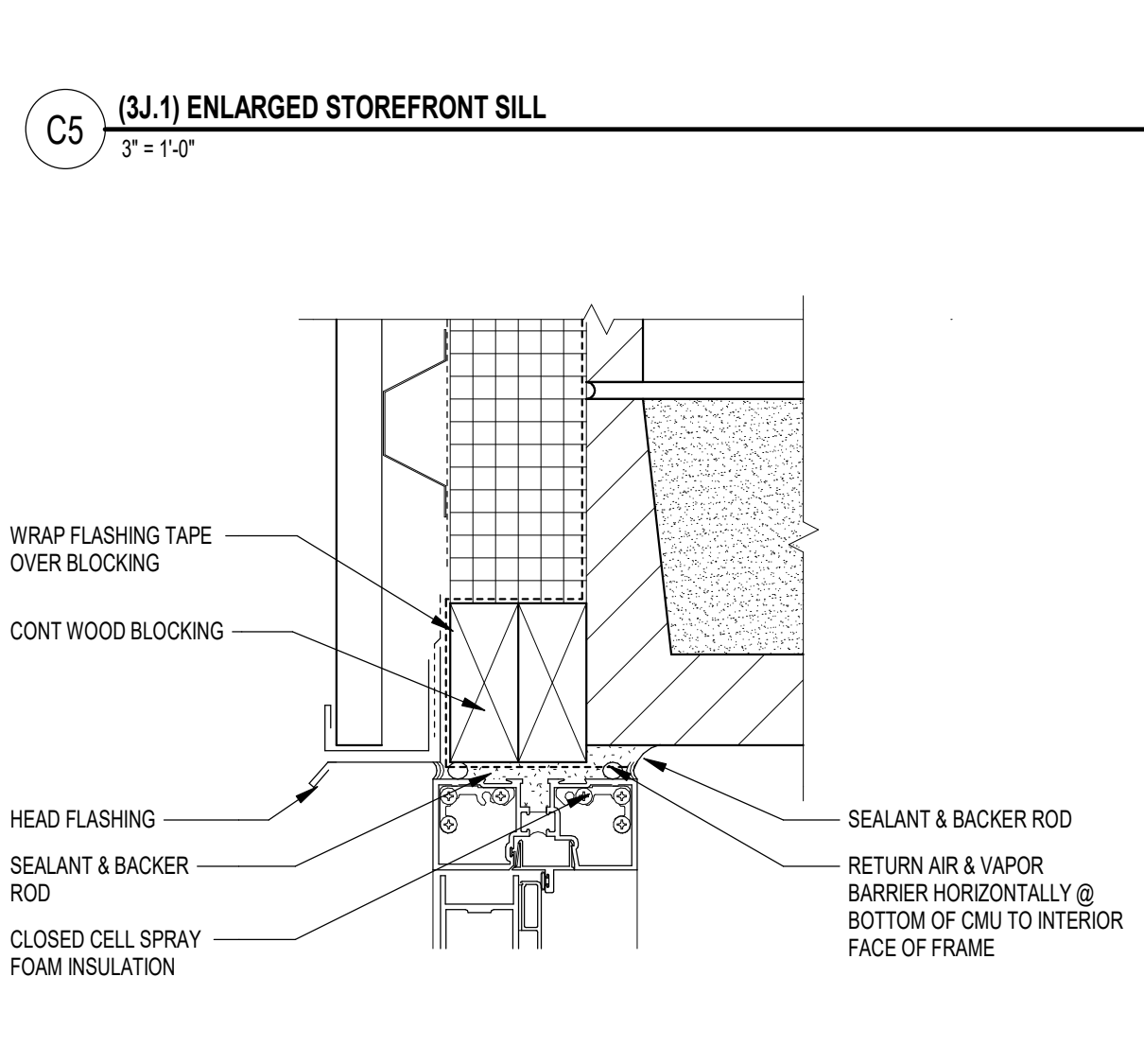
**D2 ROOF EXPANSION @ LMC FIREWALL**  
1 1/2\"/>



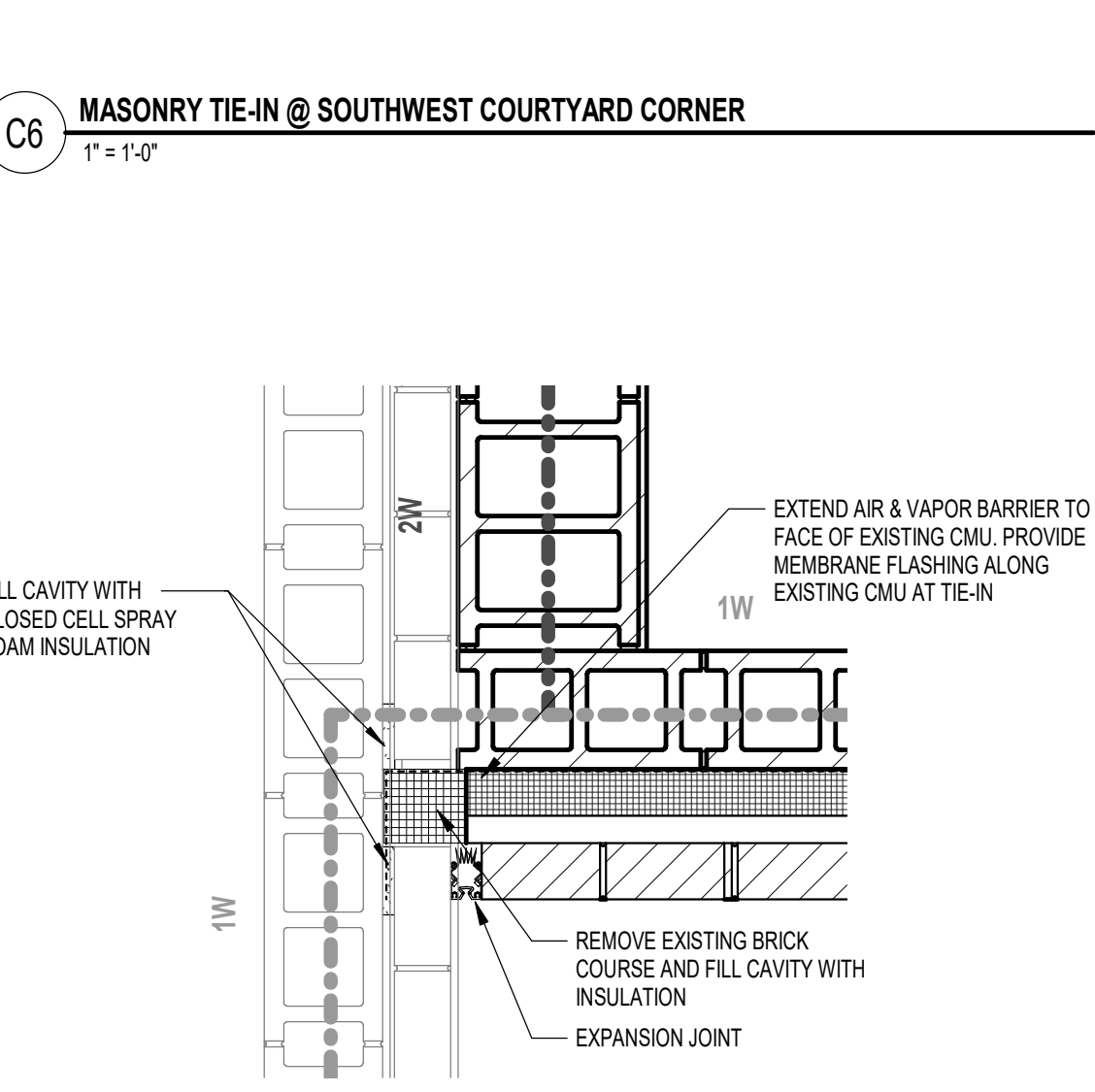
**D3 NEW ROOF TRANSITION**  
1 1/2\"/>



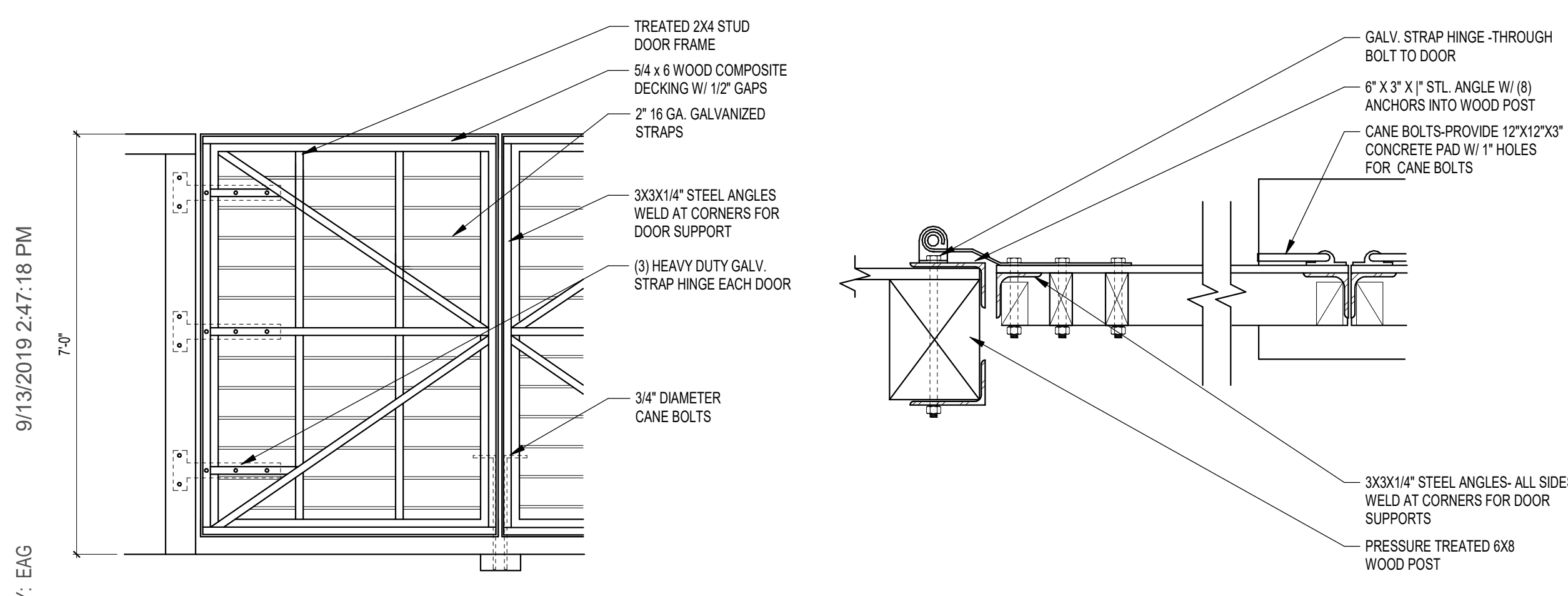
**D4 (3J.1) STOREFRONT DOOR HEAD**  
1 1/2\"/>



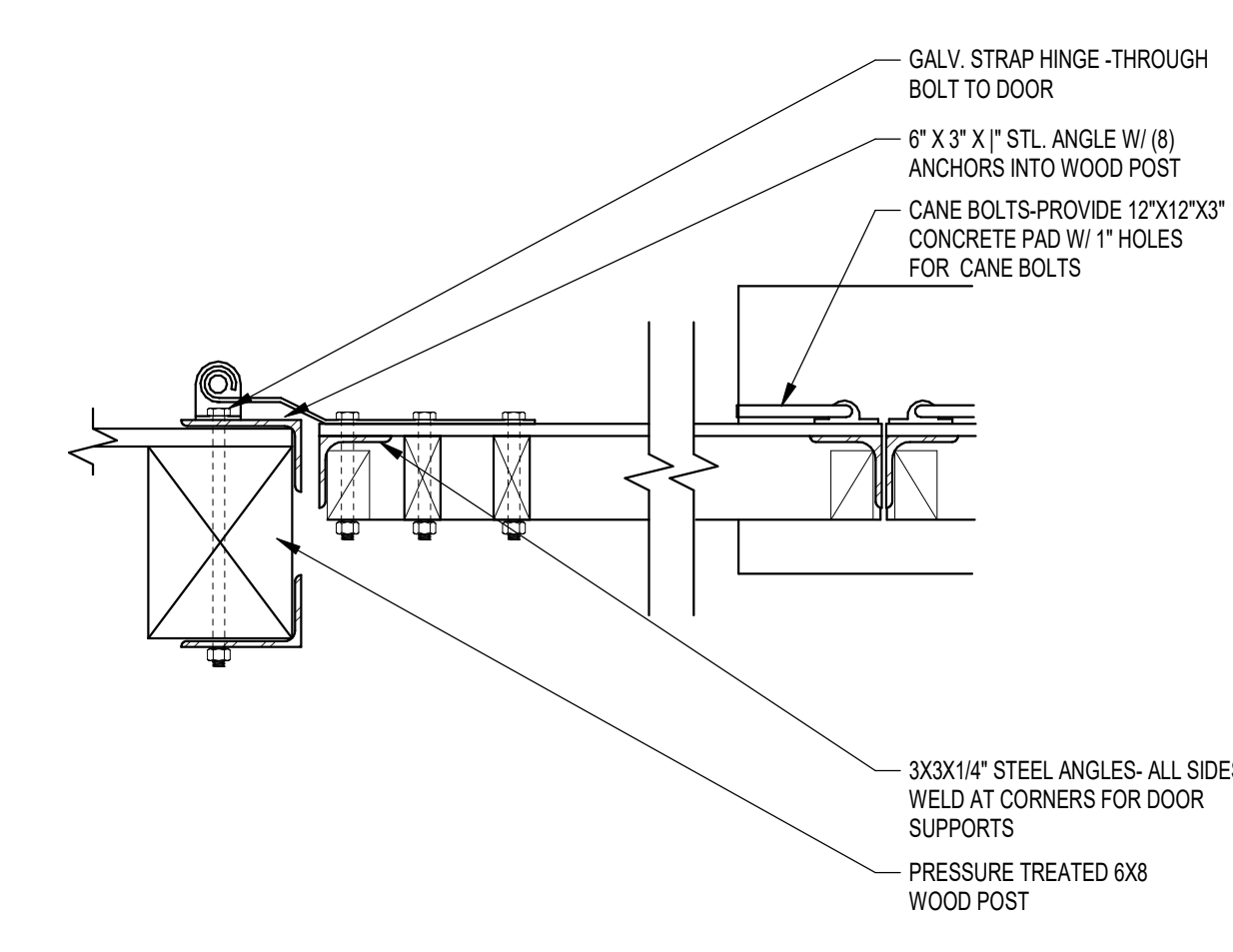
**D5 (3J.1) ENLARGED STOREFRONT DOOR HEAD**  
3\"/>



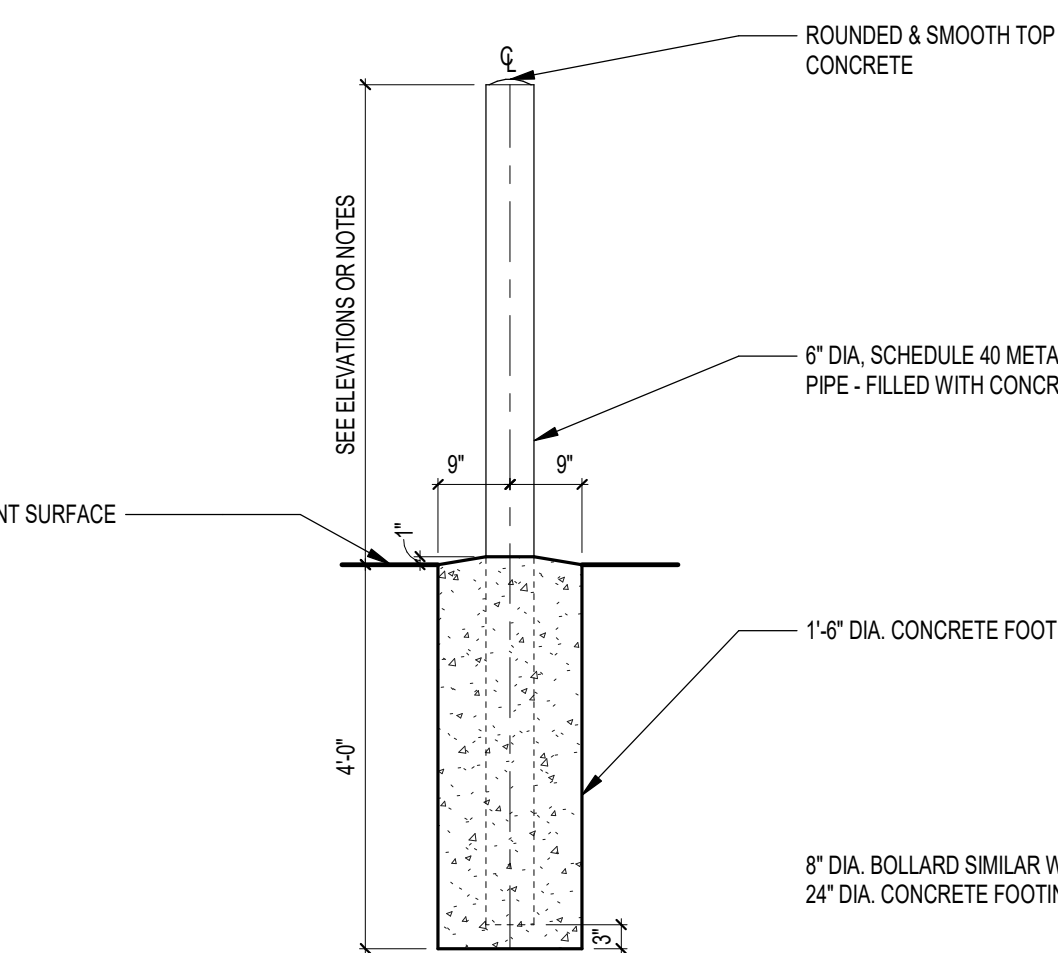
**D6 MASONRY TIE-IN @ NORTHWEST CORNER**  
1\"/>



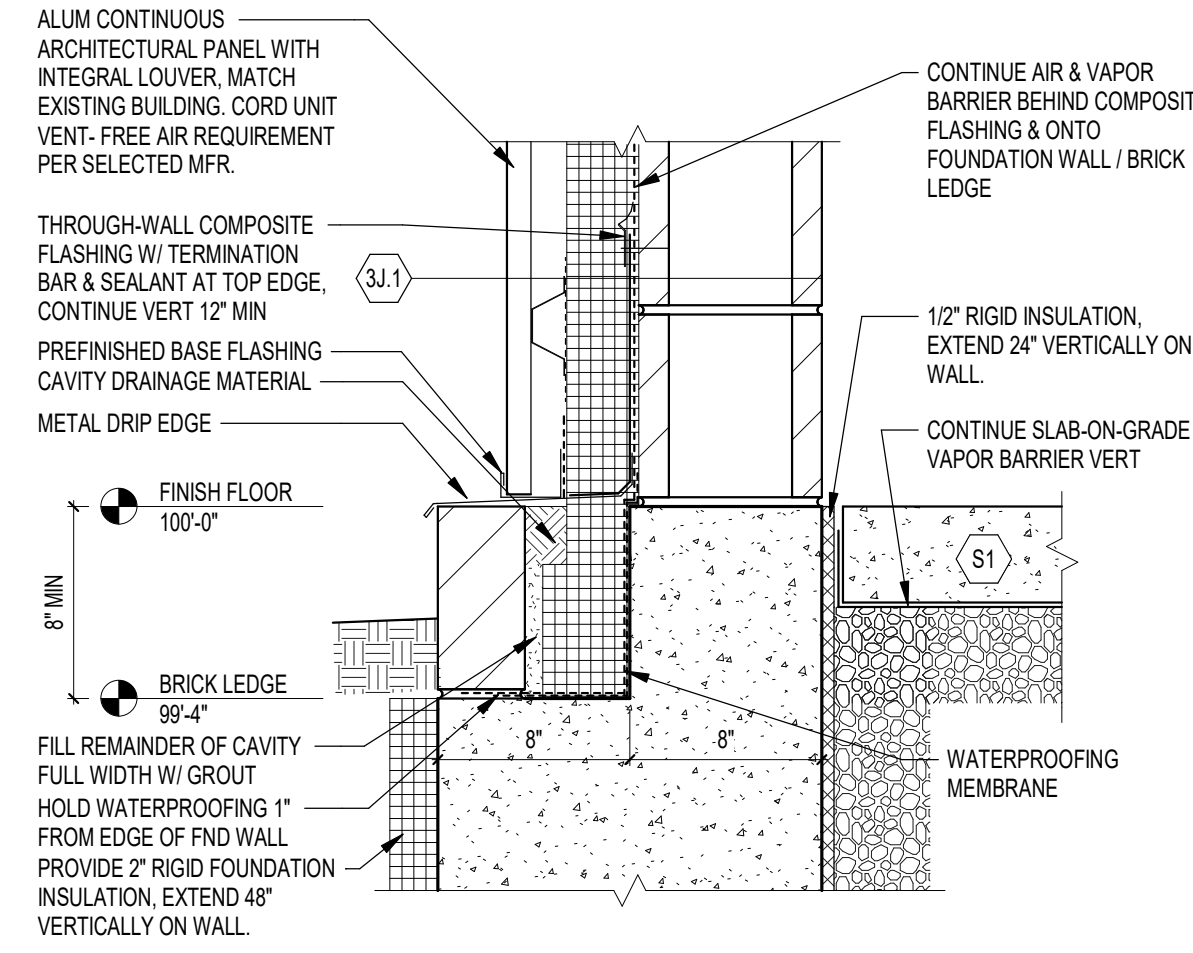
**E1 GATE ELEVATION**  
1/2\"/>



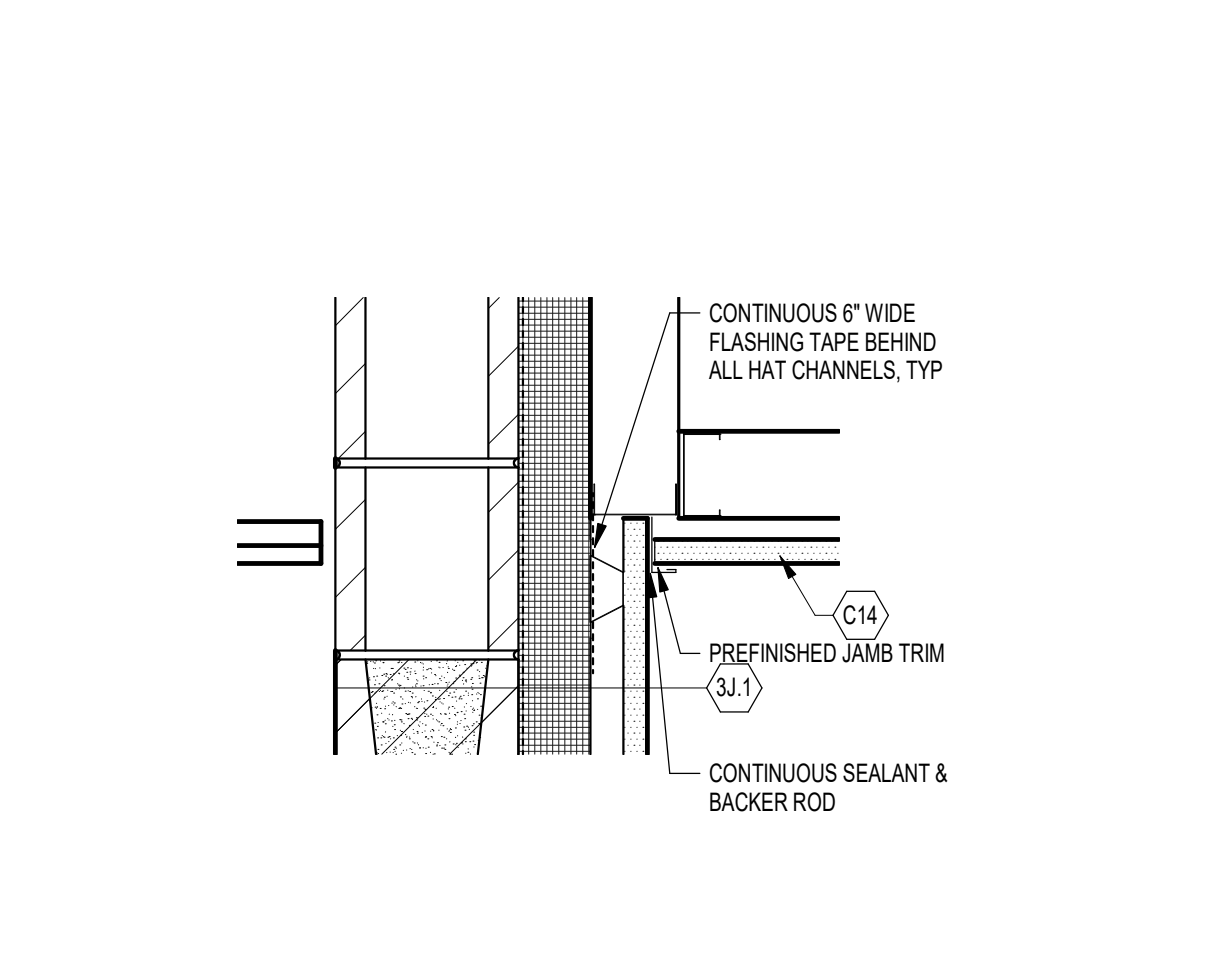
**E2 GATE ENCLOSURE JAMB**  
1 1/2\"/>



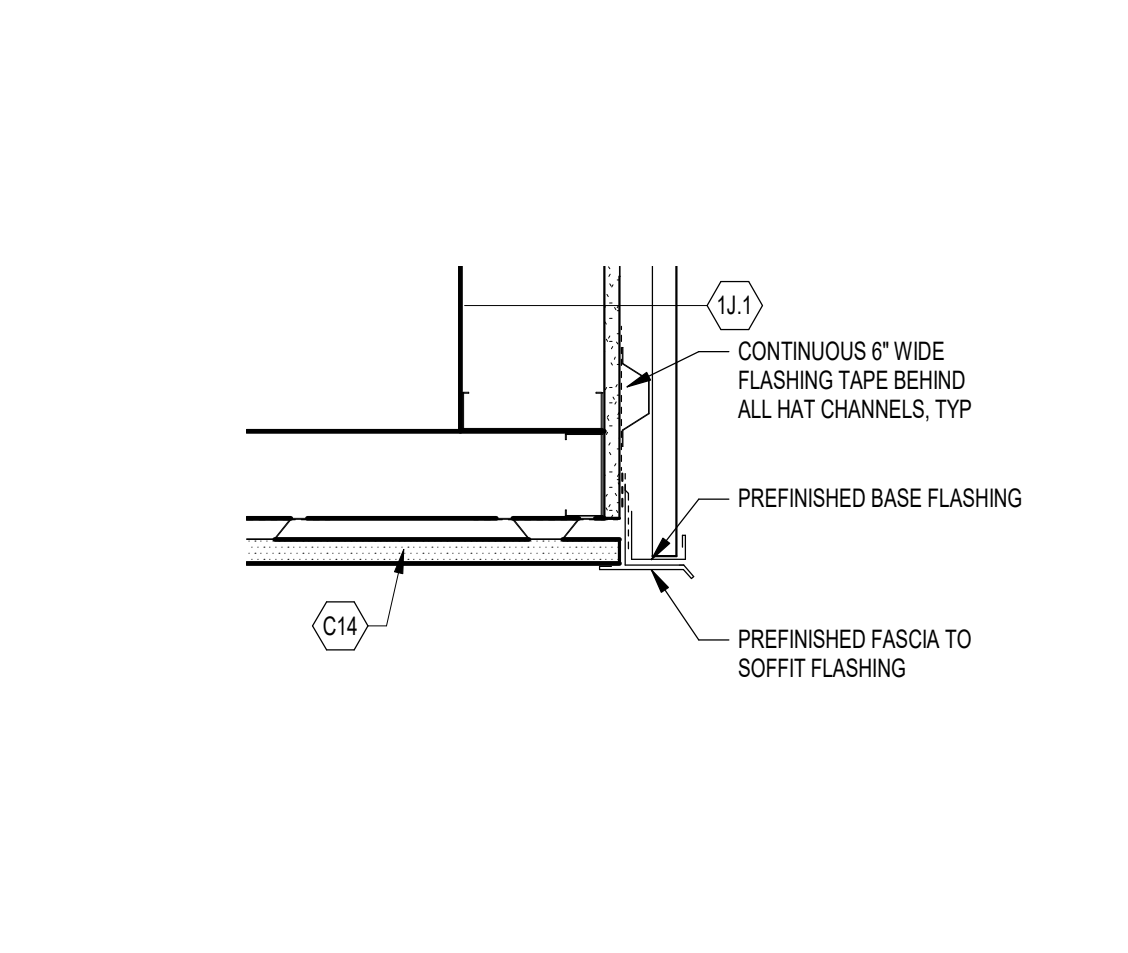
**E3 CONCRETE FILLED PIPE BOLLARD**  
1 1/2\"/>



**E4 (3J.1) STEPPED THRU-WALL FLASHING @ GRADE**  
1 1/2\"/>

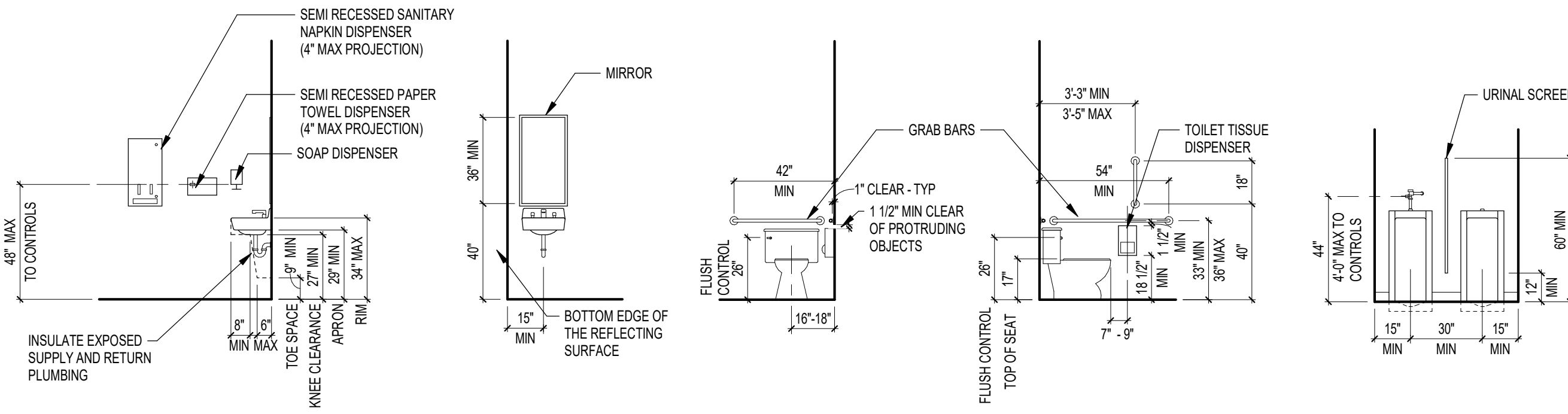


**E5 EXTERIOR SOFFIT AT ENTRY**  
1 1/2\"/>

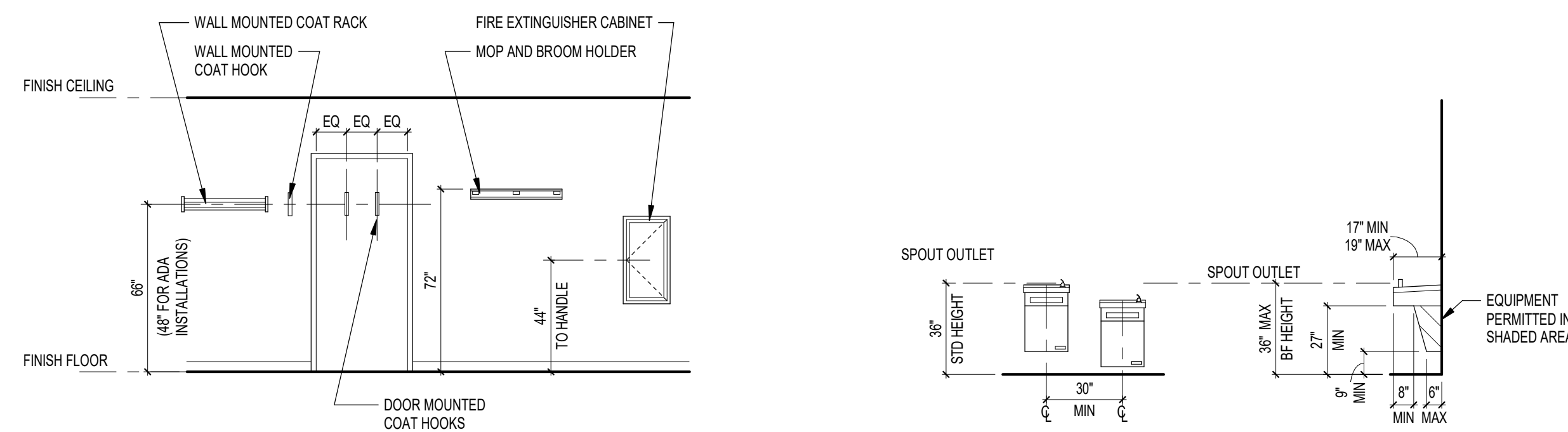


**E6 EXTERIOR SOFFIT TO FASCIA AT ENTRY**  
1 1/2\"/>

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**BARRIER-FREE - MOUNTING HEIGHTS (TLT)**

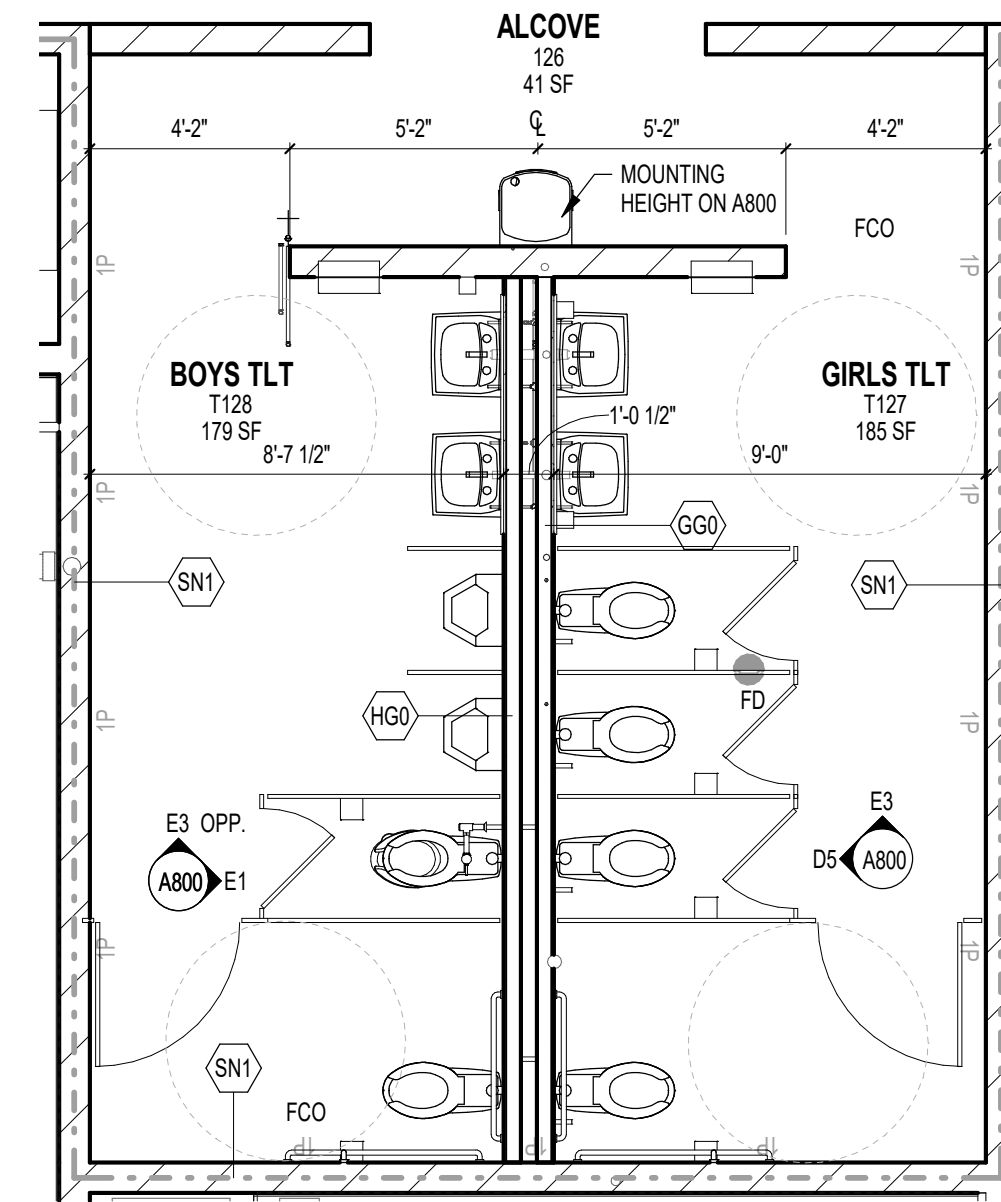


FOR REFERENCE ONLY - THIS DOES NOT INDICATE EQUIPMENT OR FIXTURES TO BE PROVIDED

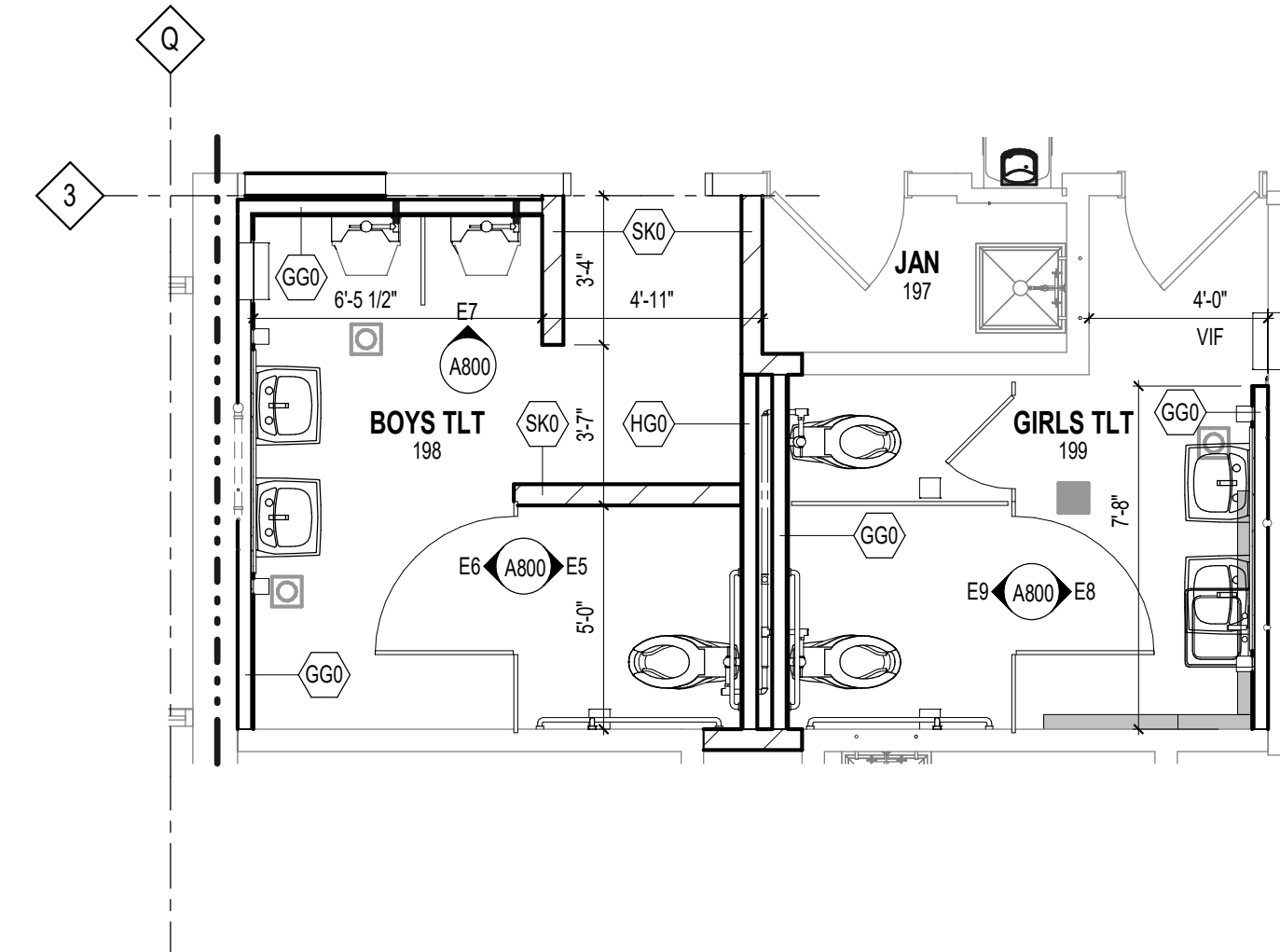
**BARRIER-FREE - MOUNTING HEIGHTS (PUBLIC SPACES)**

**BARRIER-FREE - MOUNTING HEIGHTS (EWC/DF)**

WISCONSIN ENROLLED COMMERCIAL BUILDING CODE:  
REFER TO ANSI A117.1 602 DRINKING FOUNTAIN AND WATER COOLER, FIG 602.5



**B4 ENLARGED TOILET ROOM PLAN - ADDITION**  
1/4" = 1'-0"



**B5 ENLARGED TOILET ROOM PLAN - ALT E1**  
1/4" = 1'-0"

**INTERIOR ELEVATION SYMBOLS LEGEND**

1 (X) 101	INTERIOR DETAIL REFERENCE
○	INTERIOR ELEVATION NOTE

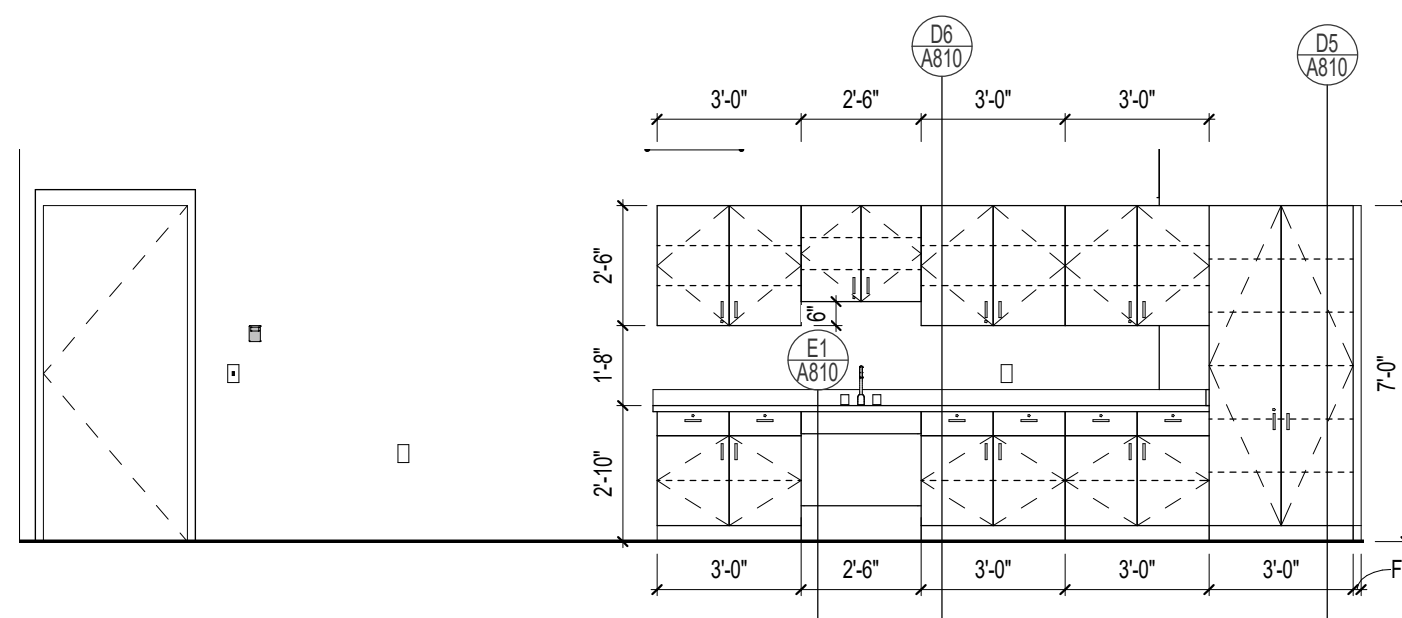
**INTERIOR ELEVATION GENERAL NOTES**

- A. INTERIOR ELEVATION DIMENSIONS ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL.
- CASEWORK GENERAL NOTES**
- A. REFER TO ROOM FINISH AND MATERIAL SCHEDULES FOR PLASTIC LAMINATE SELECTIONS.
- B. PROVIDE BASE, AS LISTED IN ROOM FINISH SCHEDULE, AT ALL CASEWORK.
- C. PROVIDE GROMMETS IN CASEWORK COUNTERTOPS WHEREVER ELECTRICAL OR COMMUNICATIONS OUTLETS ARE INDICATED IN KNEE SPACE BELOW. VERIFY LOCATION IN FIELD.
- D. ROUND ALL OUTSIDE CORNERS OF COUNTERTOPS WITH MINIMUM 1-1/2" RADIUS UNLESS NOTED OTHERWISE.
- E. PROVIDE 1-1/2" (MINIMUM) FILLERS AT PERPENDICULAR JUNCTION OF ALL CABINETS AND AT PERPENDICULAR JUNCTION WITH ADJACENT WALL(S), UNLESS NOTED OTHERWISE. SCRIBE ALL EDGES AND APPLY SEALANT TO JOINTS.
- F. PROVIDE SEALANT BETWEEN BACKSPLASH / SIDE SPLASH OR COUNTERTOP AND WALL.
- G. ALL SHELVING IN CASEWORK TO BE ADJUSTABLE UNLESS NOTED OTHERWISE.
- H. SEE KEY TO ABBREVIATIONS FOR ADDITIONAL CASEWORK AND EQUIPMENT ABBREVIATIONS.
- I. ALL FILE CABINETS TO ACCOMMODATE PENDAFLEX FILE SYSTEM.

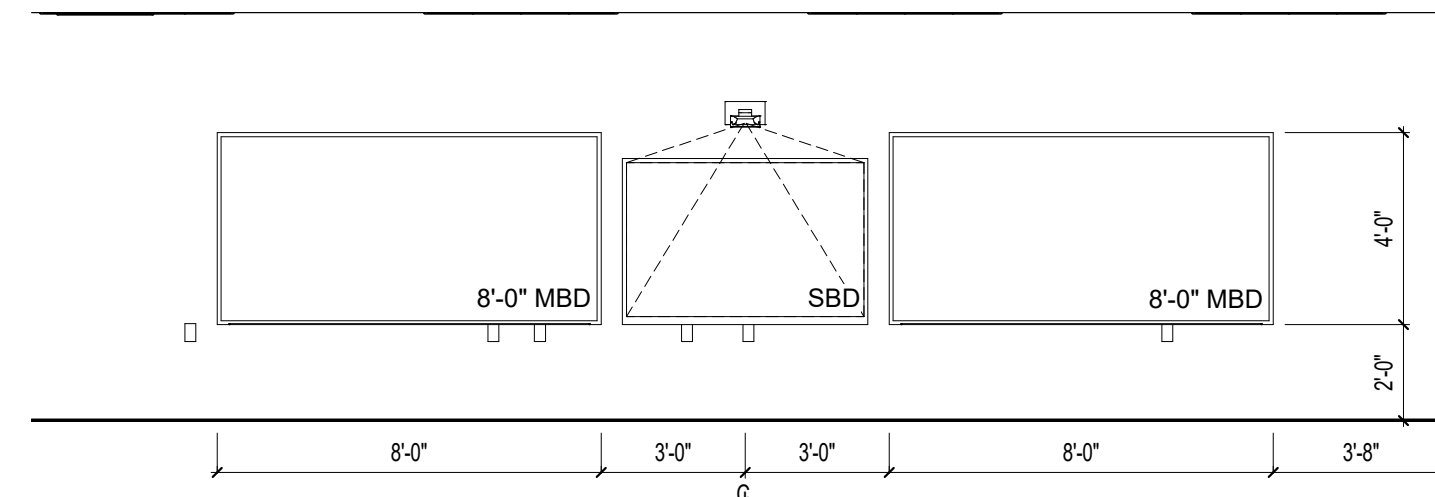
**INTERIOR ELEVATION NOTES**

NOTE #	INTERIOR ELEVATION NOTE
800	TOILET PARTITION
801	URINAL SCREEN
802	GRAB BARS
803	SOAP DISPENSER, BY OWNER
804	TOILET PAPER DISPENSER, BY OWNER
805	PAPER TOWEL DISPENSER, BY OWNER
806	FRAMED MIRROR, SEE ELEVATION FOR SIZE
807	REFRIGERATOR, BY OWNER
808	CUPPER, BY OWNER
809	LAMINATOR AND CART, BY OWNER
810	CHANGING TABLE, BY OWNER
811	MICROWAVE, BY OWNER
812	KEURIG, BY OWNER
813	TOASTER, BY OWNER
814	SHREDDER, BY OWNER
815	DIE CUT MACHINE, BY OWNER
816	CEILING MOUNTED DROP SCREEN
817	CEILING MOUNTED PROJECTOR
818	COORDINATE SOLIDS INTERCEPTOR WITH SHELF

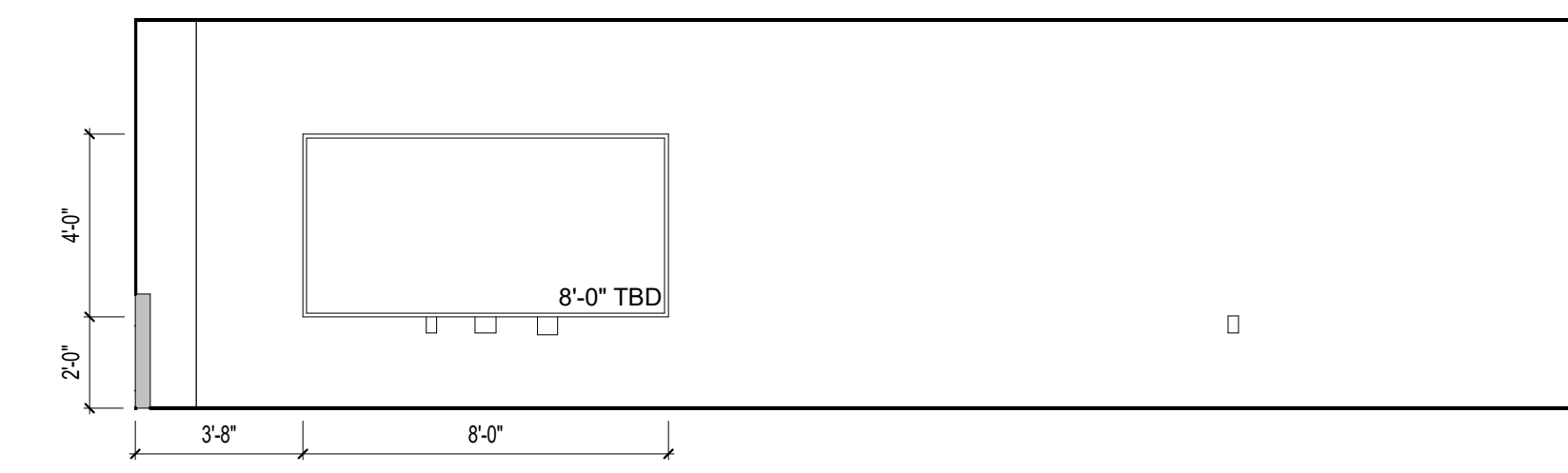
**C1 TYPICAL CLASSROOM CASEWORK**  
1/4" = 1'-0"



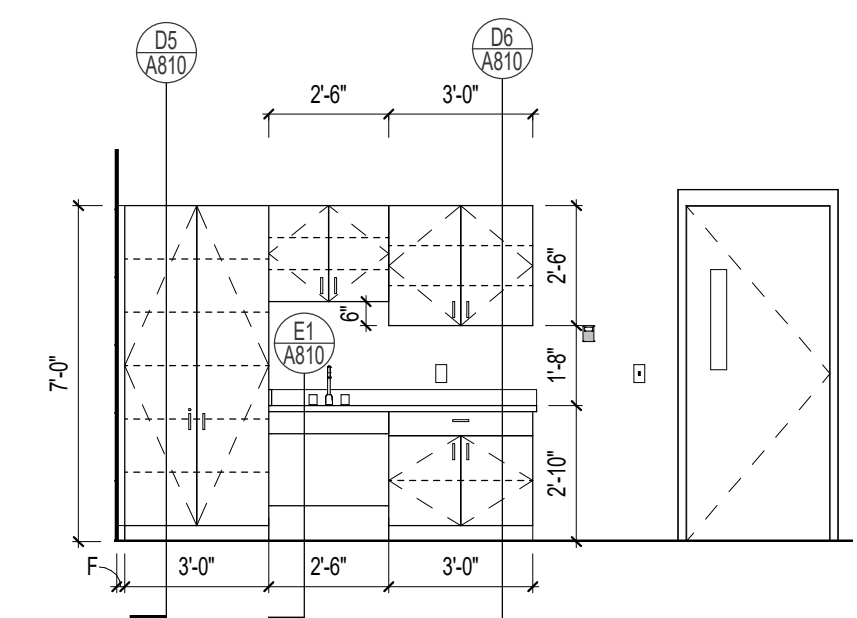
**C3 TYPICAL VISUAL DISPLAY BOARD MOUNTING HEIGHTS**  
1/4" = 1'-0"



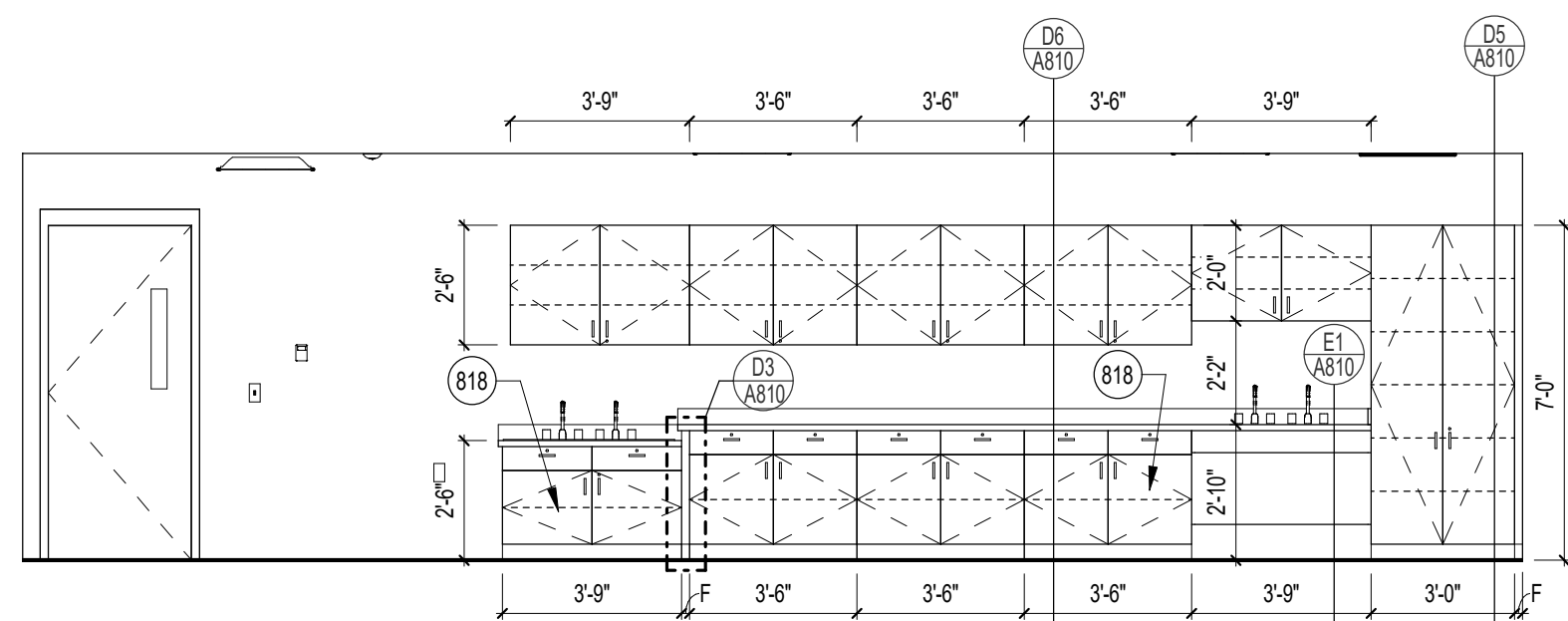
**C4 TYPICAL TACKBOARD WALL**  
1/4" = 1'-0"



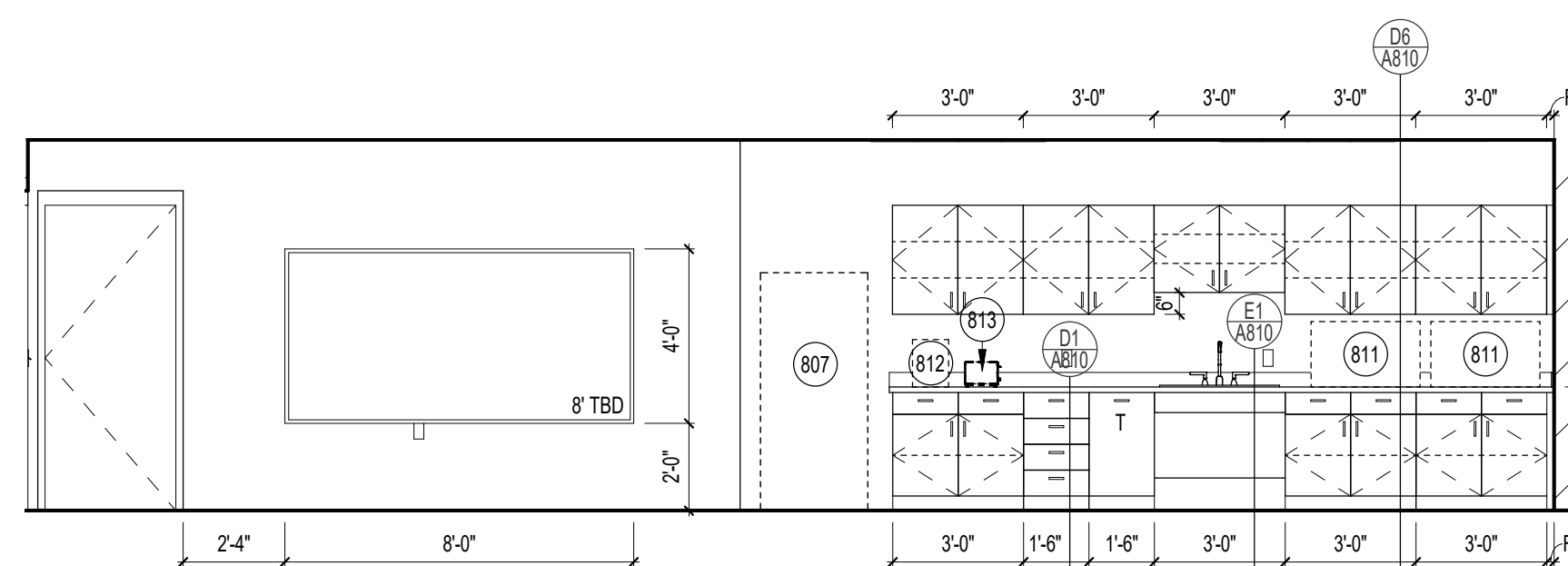
**C6 TYPICAL CLASSROOM CASEWORK - SHORT**  
1/4" = 1'-0"



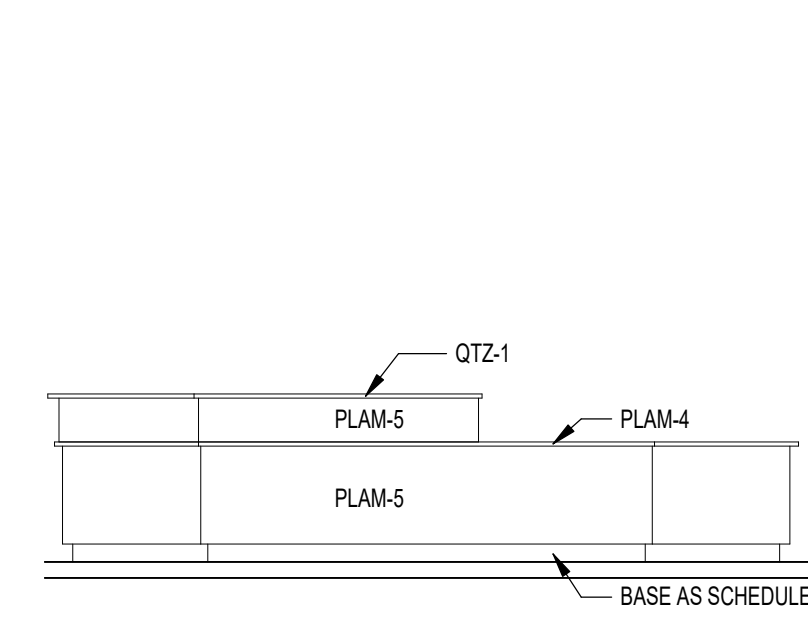
**D1 ART - RM 119 (WEST)**  
1/4" = 1'-0"



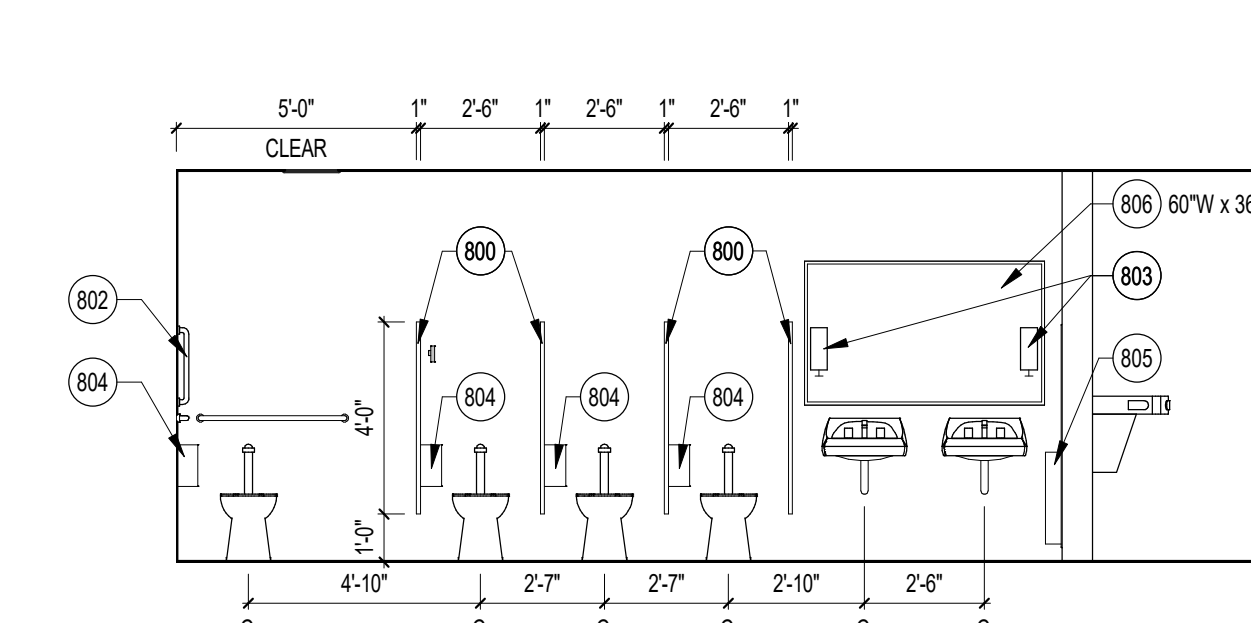
**D3 STAFF LOUNGE - 132 (EAST)**  
1/4" = 1'-0"



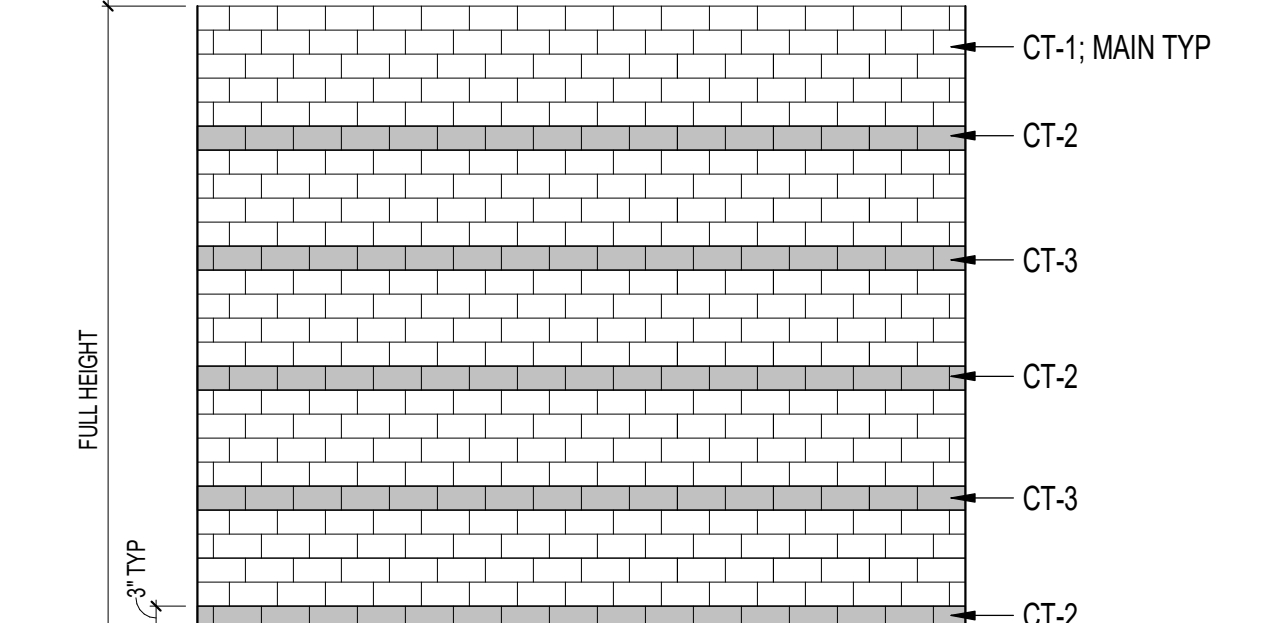
**D4 LMC - 133 RECEPTION DESK (FRONT)**  
1/4" = 1'-0"



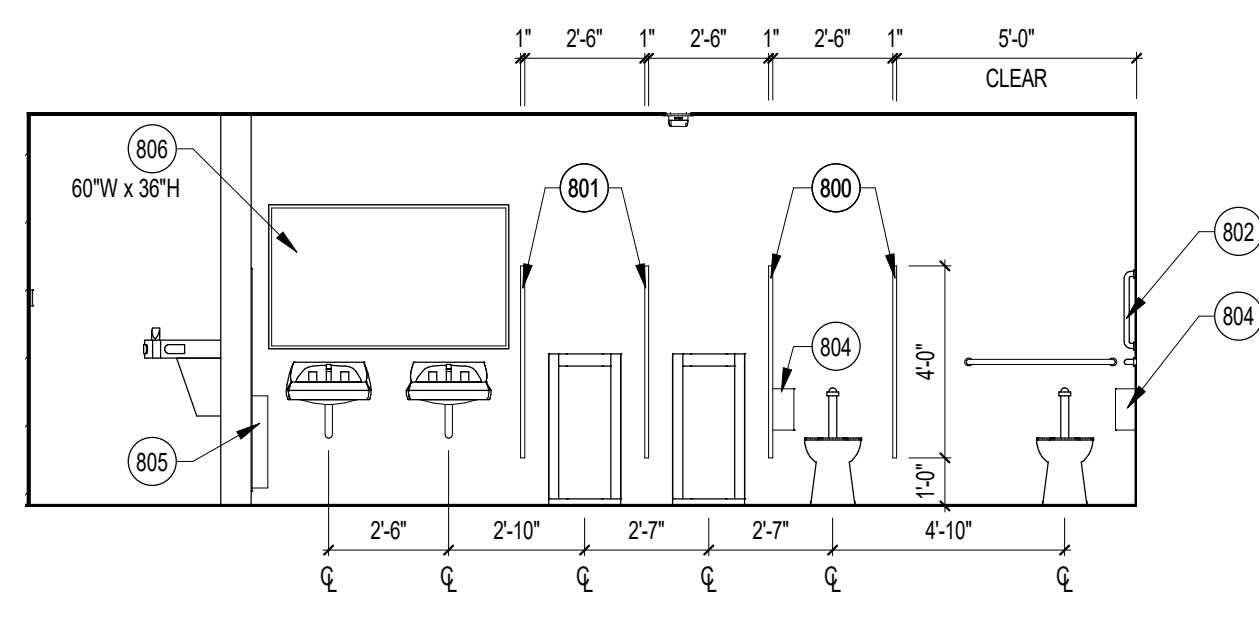
**D5 GIRLS TLT - 1127 (NORTH)**  
1/4" = 1'-0"



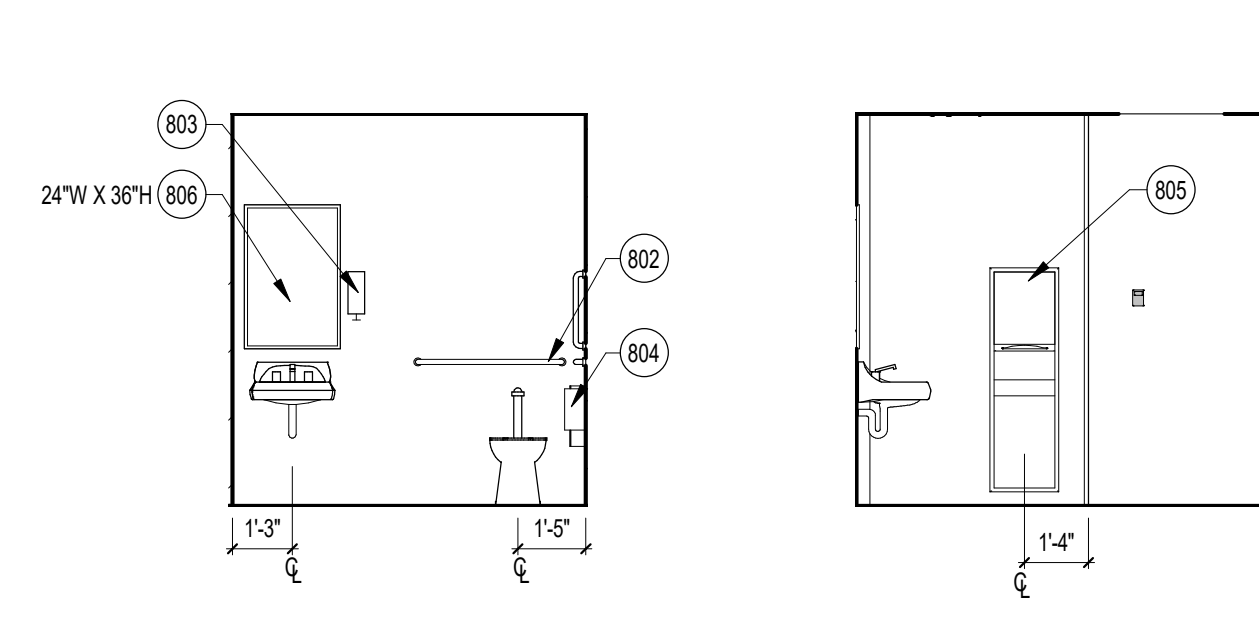
**D6 TYPICAL WALL TILE PATTERN**  
1/2" = 1'-0"



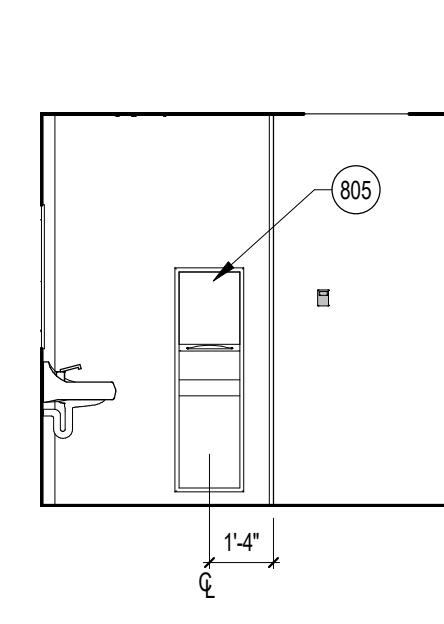
**E1 BOYS TLT - T128 (SOUTH)**  
1/4" = 1'-0"



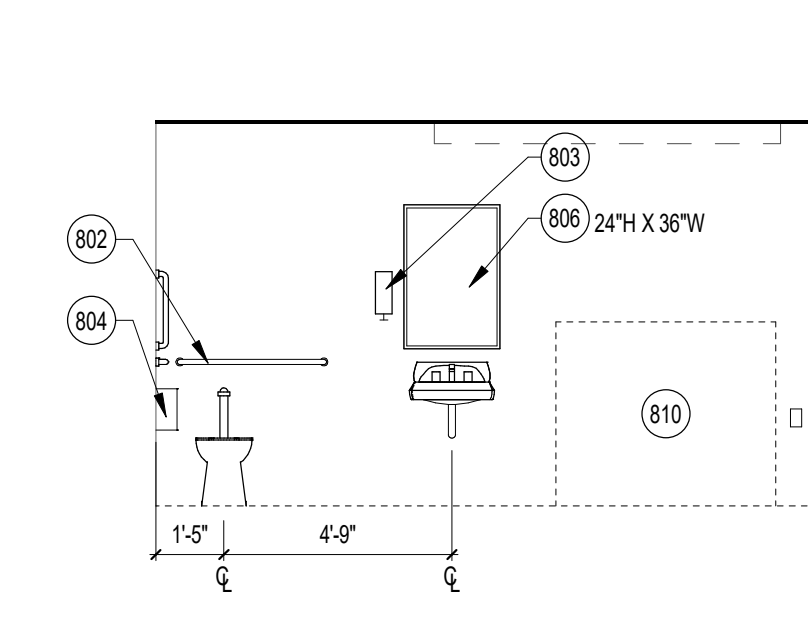
**E2 UNISEX TLT - T132 (SOUTH)**  
1/4" = 1'-0"



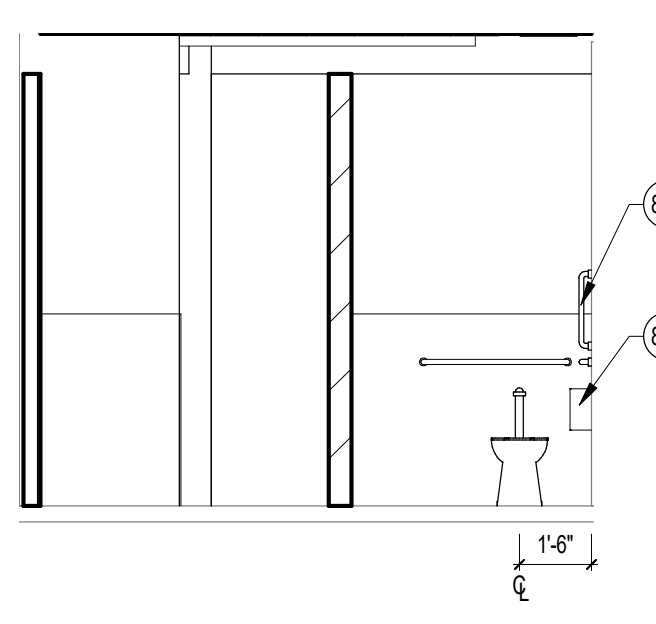
**E3 TYPICAL TLT (EAST)**  
1/4" = 1'-0"



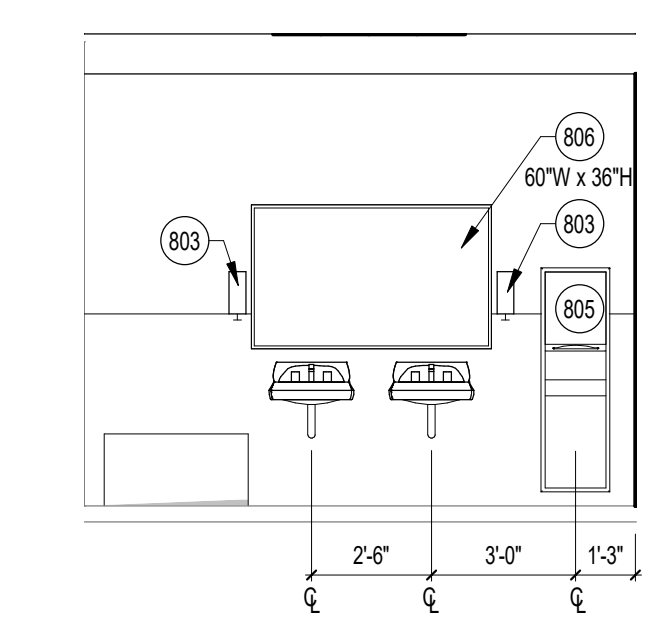
**E4 CHANGING - 160 (WEST)**  
1/4" = 1'-0"



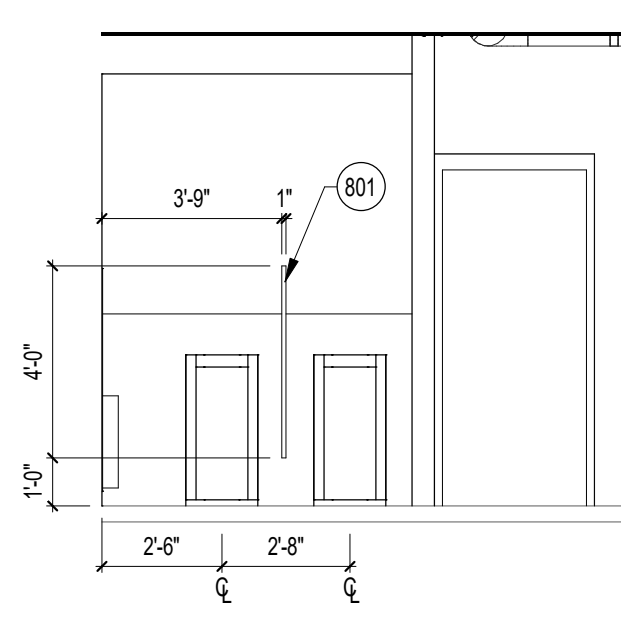
**E5 BOYS TLT - 198 (SOUTH)**  
1/4" = 1'-0"



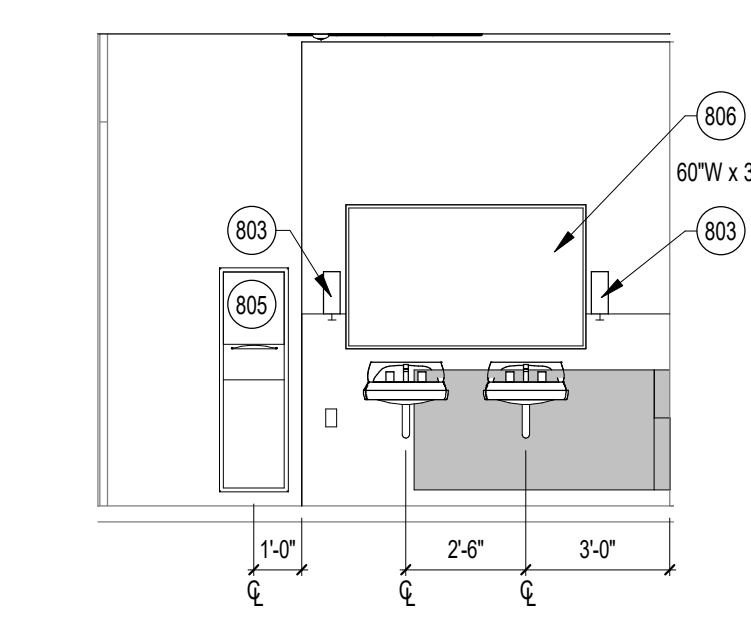
**E6 BOYS TLT - 198 (NORTH)**  
1/4" = 1'-0"



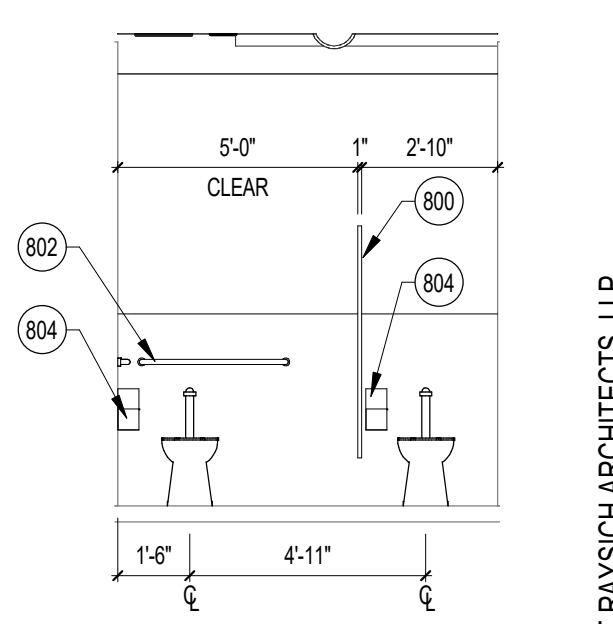
**E7 BOYS TLT - 198 (EAST)**  
1/4" = 1'-0"



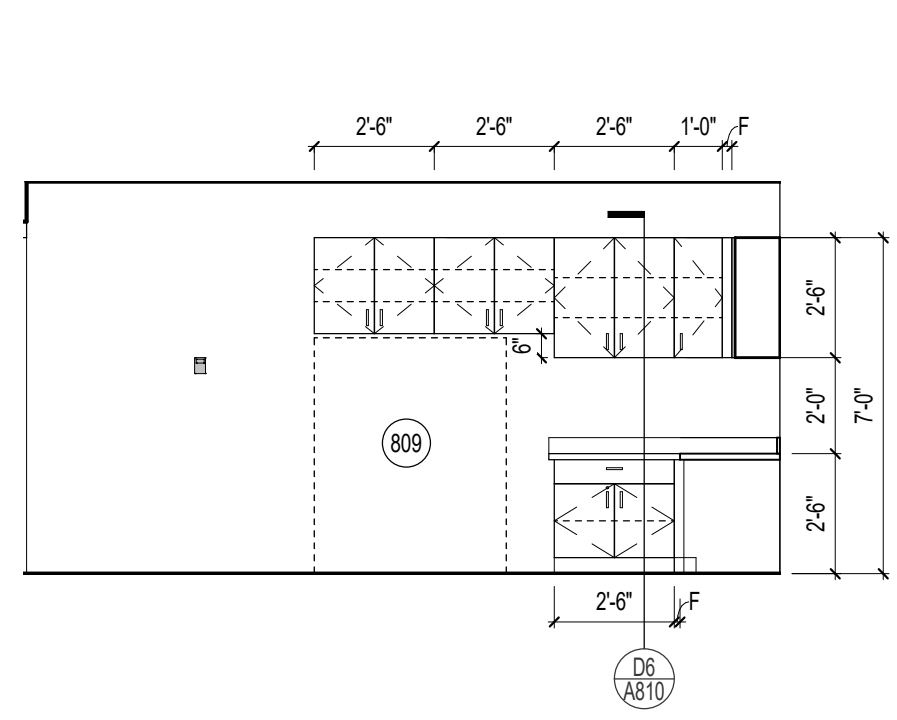
**E8 GIRLS TLT - 199 (SOUTH)**  
1/4" = 1'-0"



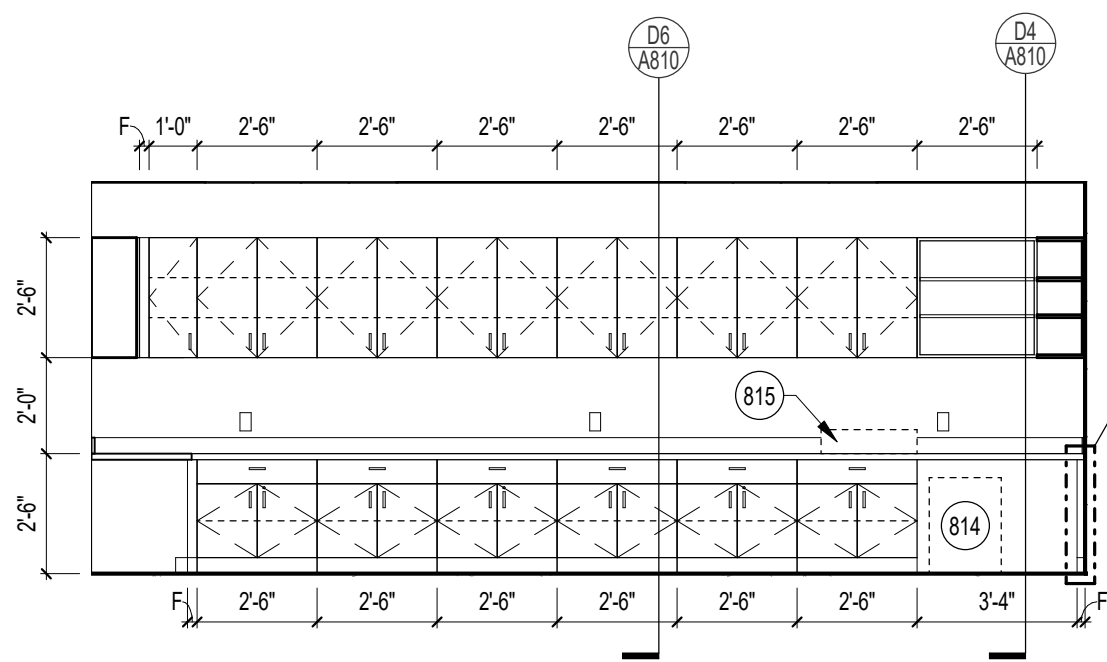
**E9 GIRLS TLT - 199 (NORTH)**  
1/4" = 1'-0"



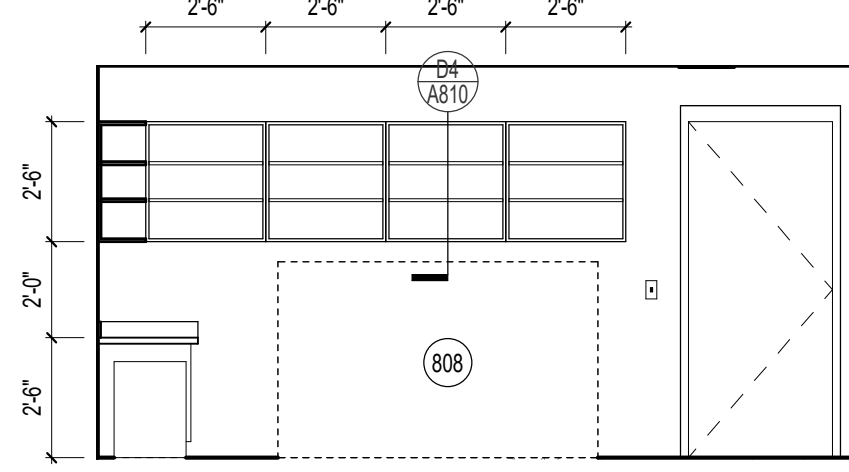
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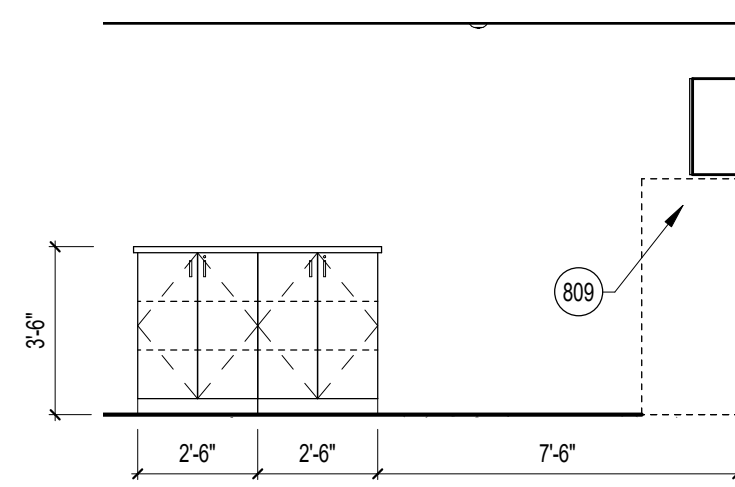
**A1** WORK ROOM - 131 (EAST)  
1/4" = 1'-0"



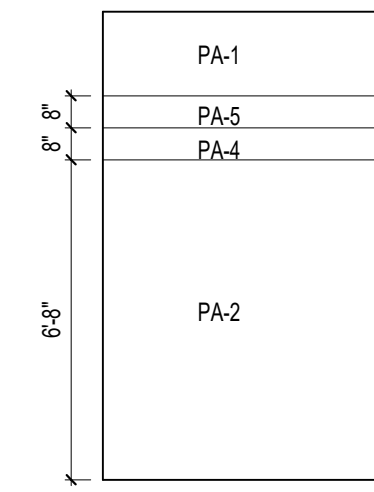
**A2** WORK ROOM - 131 (SOUTH)  
1/4" = 1'-0"



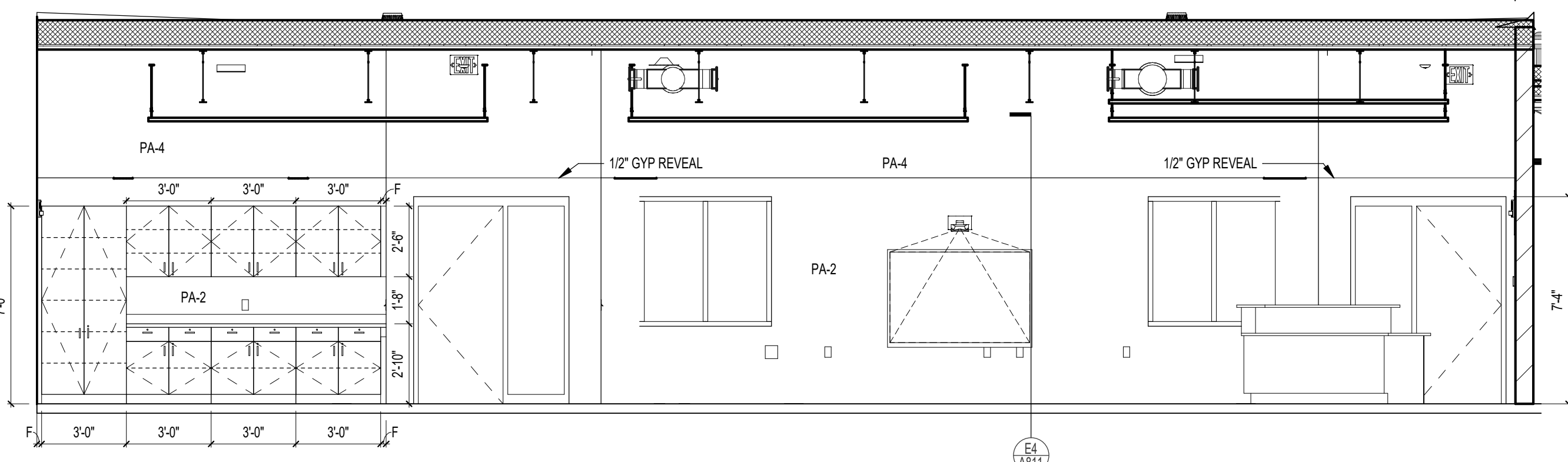
**A3** WORK ROOM - 131 (WEST)  
1/4" = 1'-0"



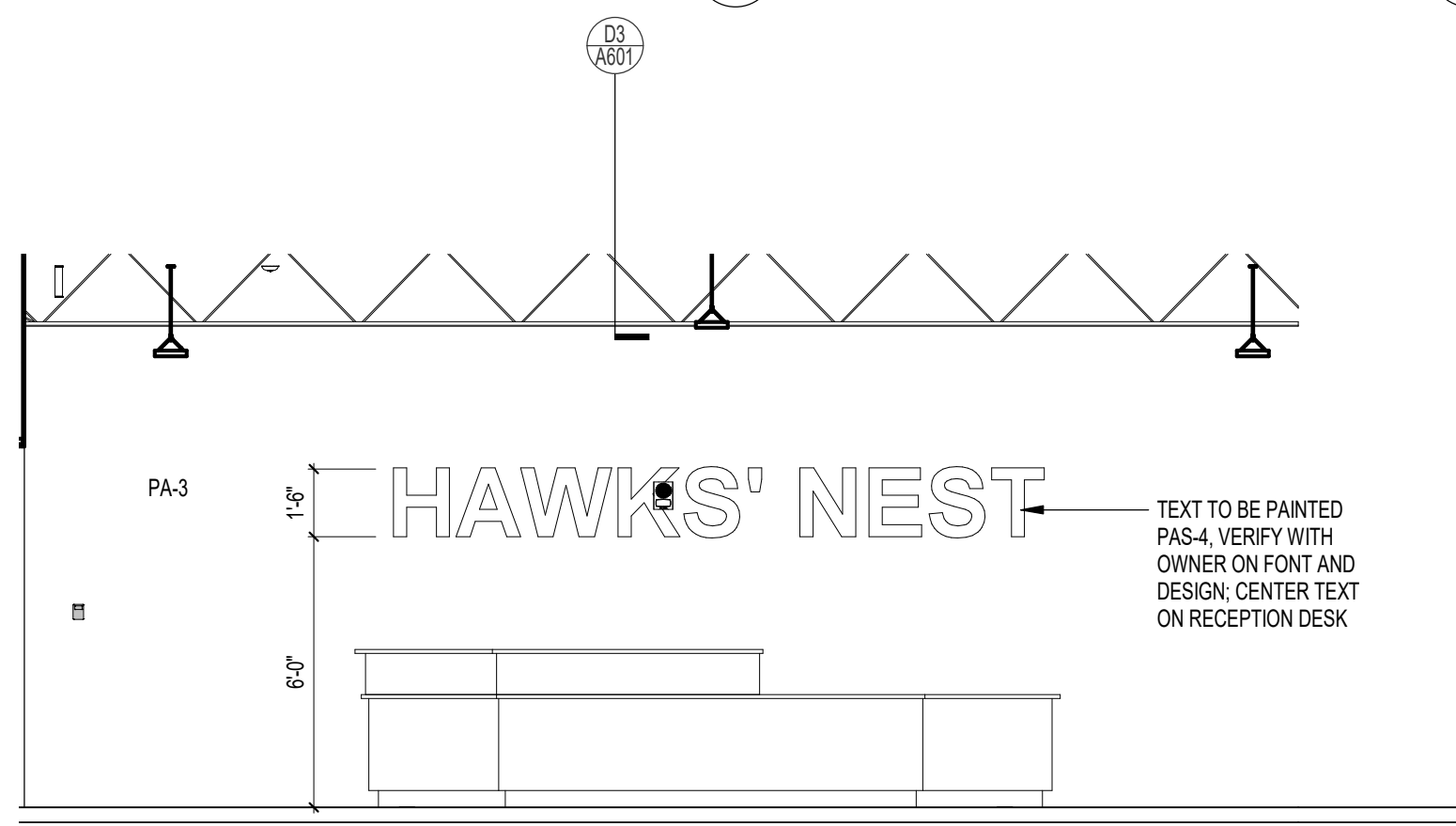
**A4** WORK ROOM - 131 (ISLAND)  
1/4" = 1'-0"



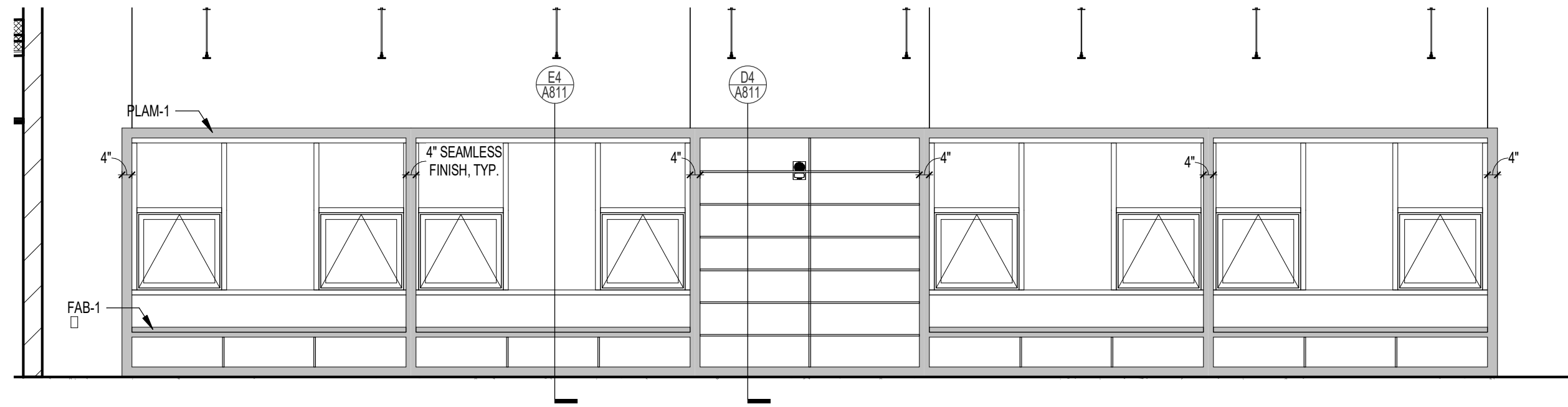
**A5** TYPICAL PAINT BAND PATTERN  
1/4" = 1'-0"



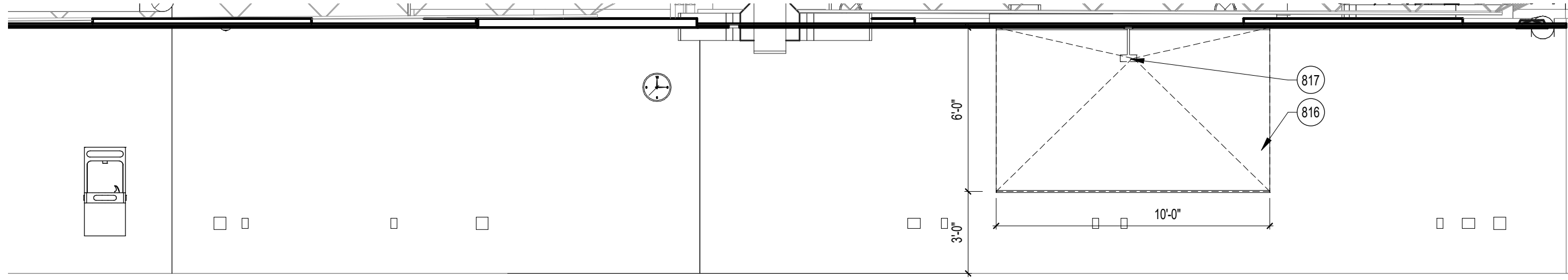
**B1** LMC - 133 (NORTH)  
1/4" = 1'-0"



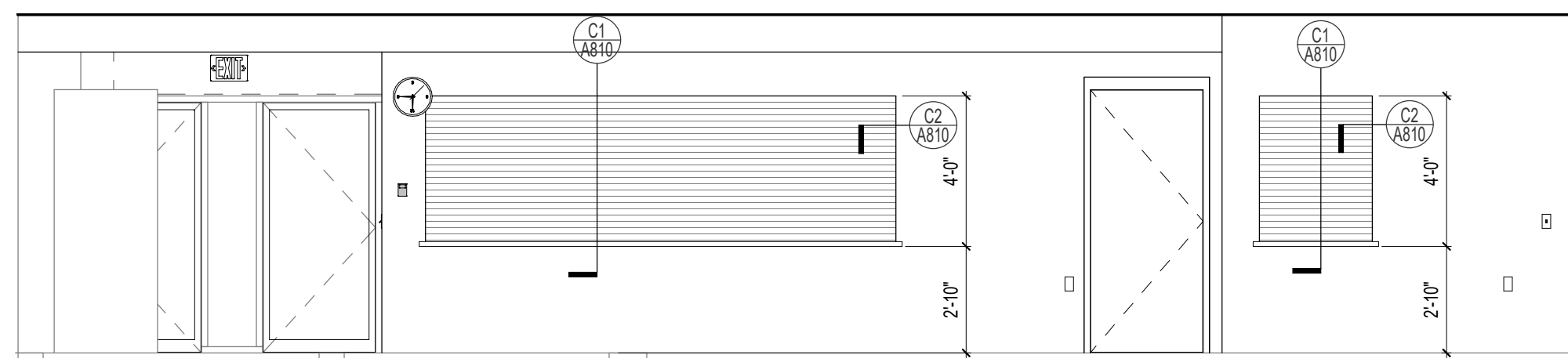
**B4** LMC - 133 (EAST)  
1/4" = 1'-0"



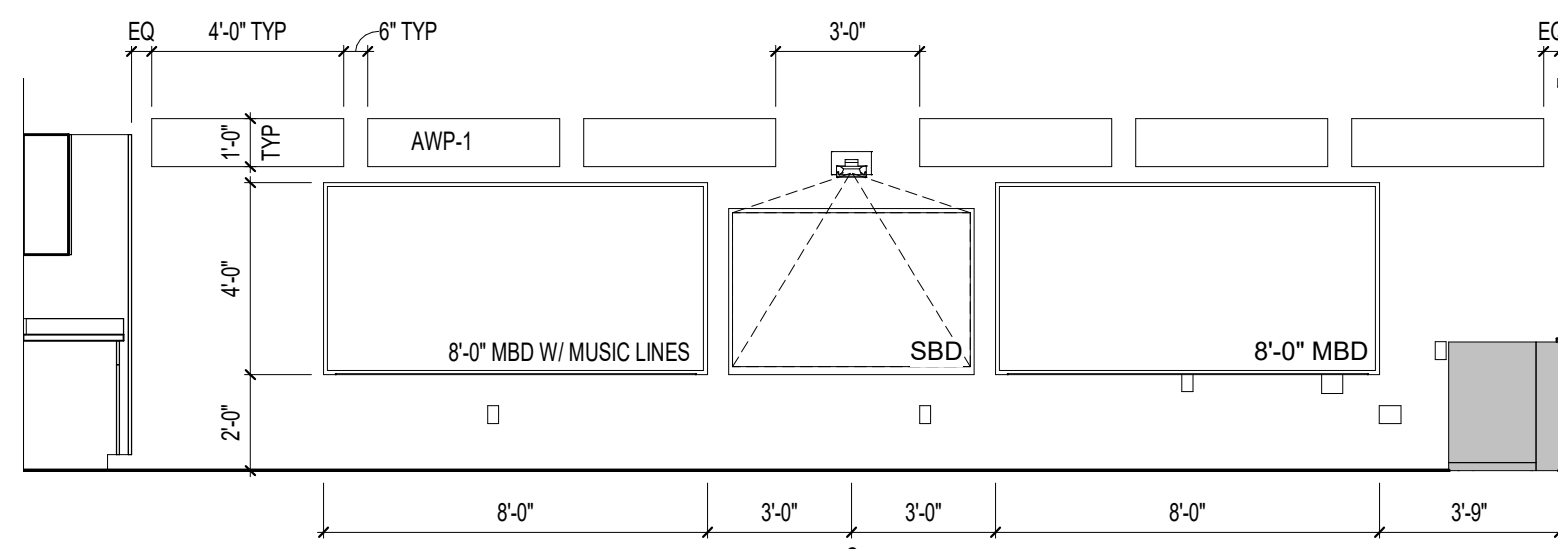
**C1** LMC - 133 (SOUTH)  
1/4" = 1'-0"



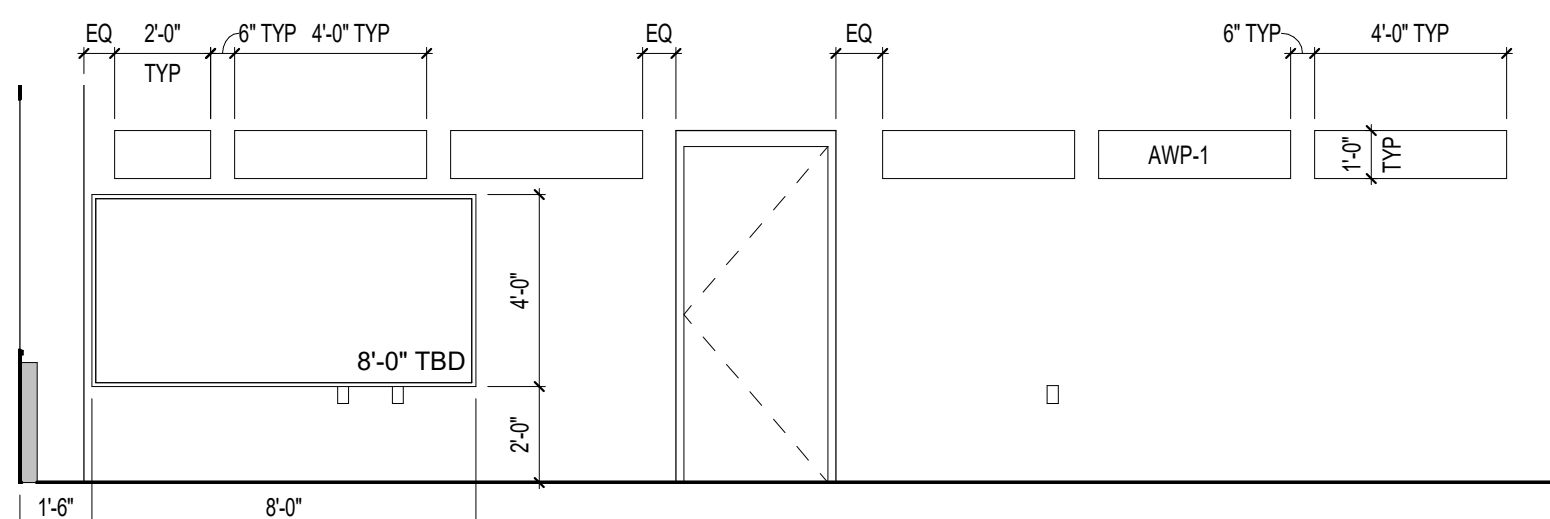
**D1** COMMONS - 115 (NORTH)  
1/4" = 1'-0"



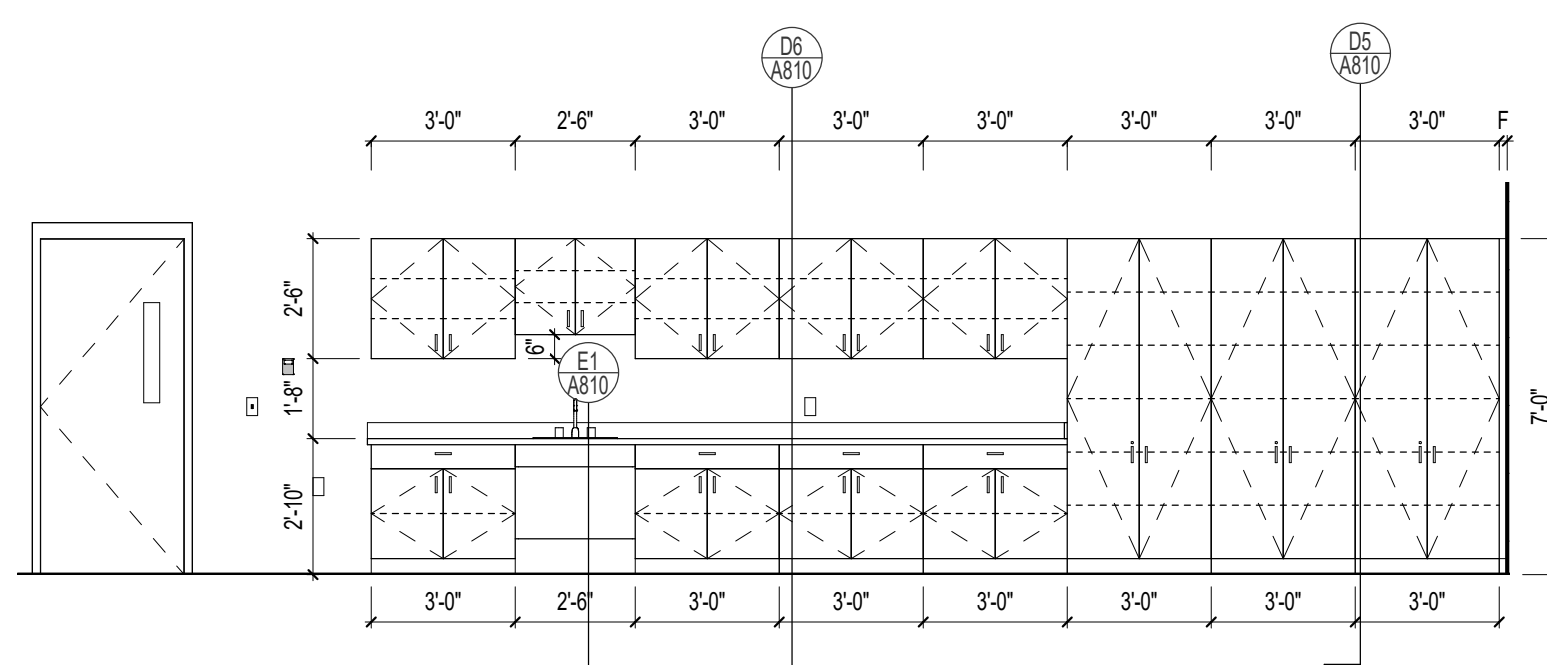
**D4** COMMONS - 115 (WEST)  
1/4" = 1'-0"



**E1** MUSIC - 118 (NORTH)  
1/4" = 1'-0"



**E3** MUSIC - 118 (SOUTH)  
1/4" = 1'-0"



**E4** MUSIC - 118 (WEST)  
1/4" = 1'-0"

**INTERIOR ELEVATION SYMBOLS LEGEND**  
 INTERIOR DETAIL REFERENCE  
 INTERIOR ELEVATION NOTE

**INTERIOR ELEVATION GENERAL NOTES**

- A. INTERIOR ELEVATION DIMENSIONS ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL.
- CASEWORK GENERAL NOTES**
- A. REFER TO ROOM FINISH AND MATERIAL SCHEDULES FOR PLASTIC LAMINATE SELECTIONS.
- B. PROVIDE BASE, AS LISTED IN ROOM FINISH SCHEDULE, AT ALL CASEWORK.
- C. PROVIDE CROWNETS IN CASEWORK COUNTERTOPS WHEREVER ELECTRICAL OR COMMUNICATIONS OUTLETS ARE INDICATED IN KNEE SPACE BELOW. VERIFY LOCATION IN FIELD.
- D. ROUND ALL OUTSIDE CORNERS OF COUNTERTOPS WITH MINIMUM 1-1/2" RADIUS UNLESS NOTED OTHERWISE.
- E. PROVIDE 1-1/2" (MINIMUM) FILLERS AT PERPENDICULAR JUNCTION OF ALL CABINETS AND AT PERPENDICULAR JUNCTURE WITH ADJACENT WALL(S), UNLESS NOTED OTHERWISE. SCRIBE ALL EDGES AND APPLY SEALANT TO JOINTS.
- F. PROVIDE SEALANT BETWEEN BACKSPLASH / SIDE SPLASH OR COUNTERTOP AND WALL.
- G. ALL SHELVING IN CASEWORK TO BE ADJUSTABLE UNLESS NOTED OTHERWISE.
- H. SEE KEY TO ABBREVIATIONS FOR ADDITIONAL CASEWORK AND EQUIPMENT ABBREVIATIONS.
- I. ALL FILE CABINETS TO ACCOMMODATE PENDAFLEX FILE SYSTEM.

INTERIOR ELEVATION NOTES	
NOTE #	INTERIOR ELEVATION NOTE
800	TILE PARTITION
801	URINAL SCREEN
802	GRAB BARS
803	SOAP DISPENSER, BY OWNER
804	TILE PAPER DISPENSER, BY OWNER
805	PAPER TOWEL DISPENSER, BY OWNER
806	FRAMED MIRROR, SEE ELEVATION FOR SIZE
807	REFRIGERATOR, BY OWNER
808	COPPER, BY OWNER
809	LAMINATOR AND CART, BY OWNER
810	CHANGING TABLE, BY OWNER
811	MICROWAVE, BY OWNER
812	KEURIG, BY OWNER
813	TOASTER, BY OWNER
814	SHREDDER, BY OWNER
815	DIE CUT MACHINE, BY OWNER
816	CEILING MOUNTED DROP SCREEN
817	CEILING MOUNTED PROJECTOR
818	COORDINATE SOLIDS INTERCEPTOR WITH SHELF

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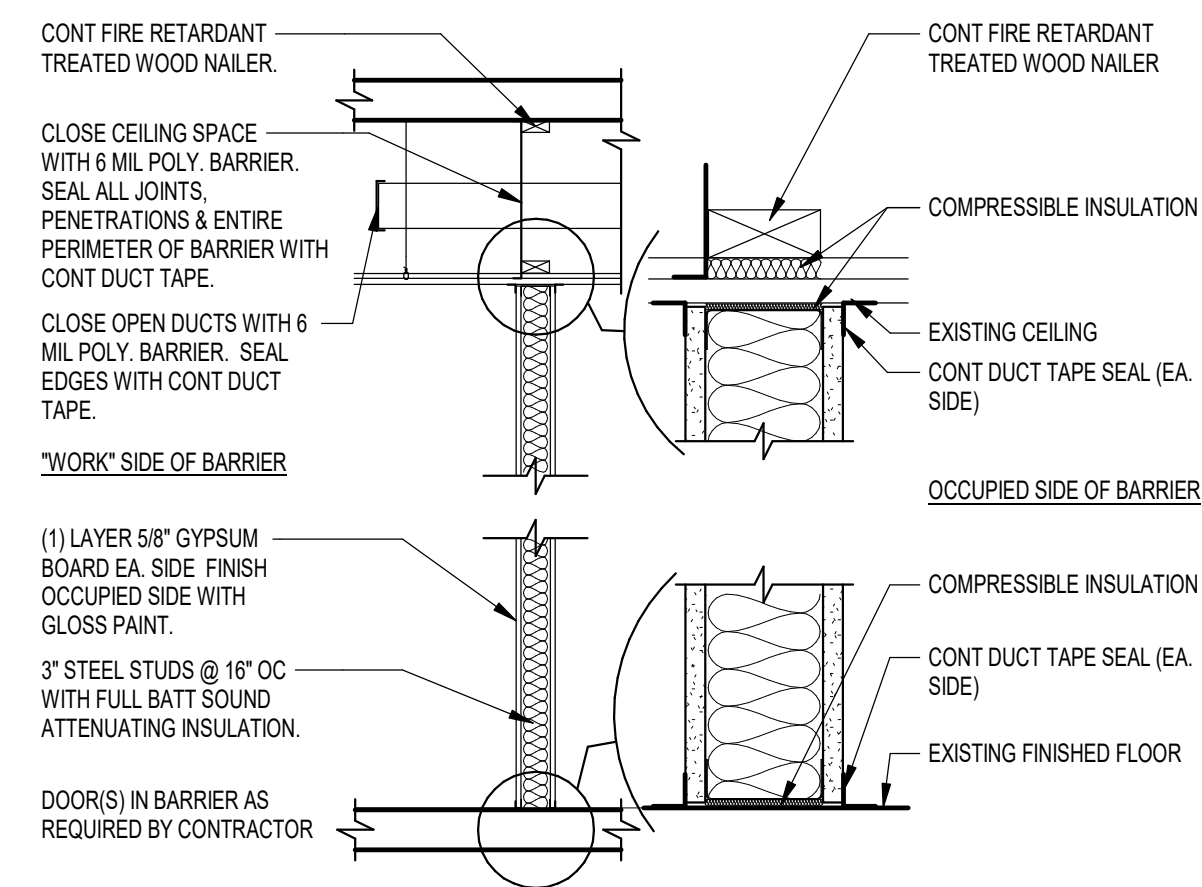
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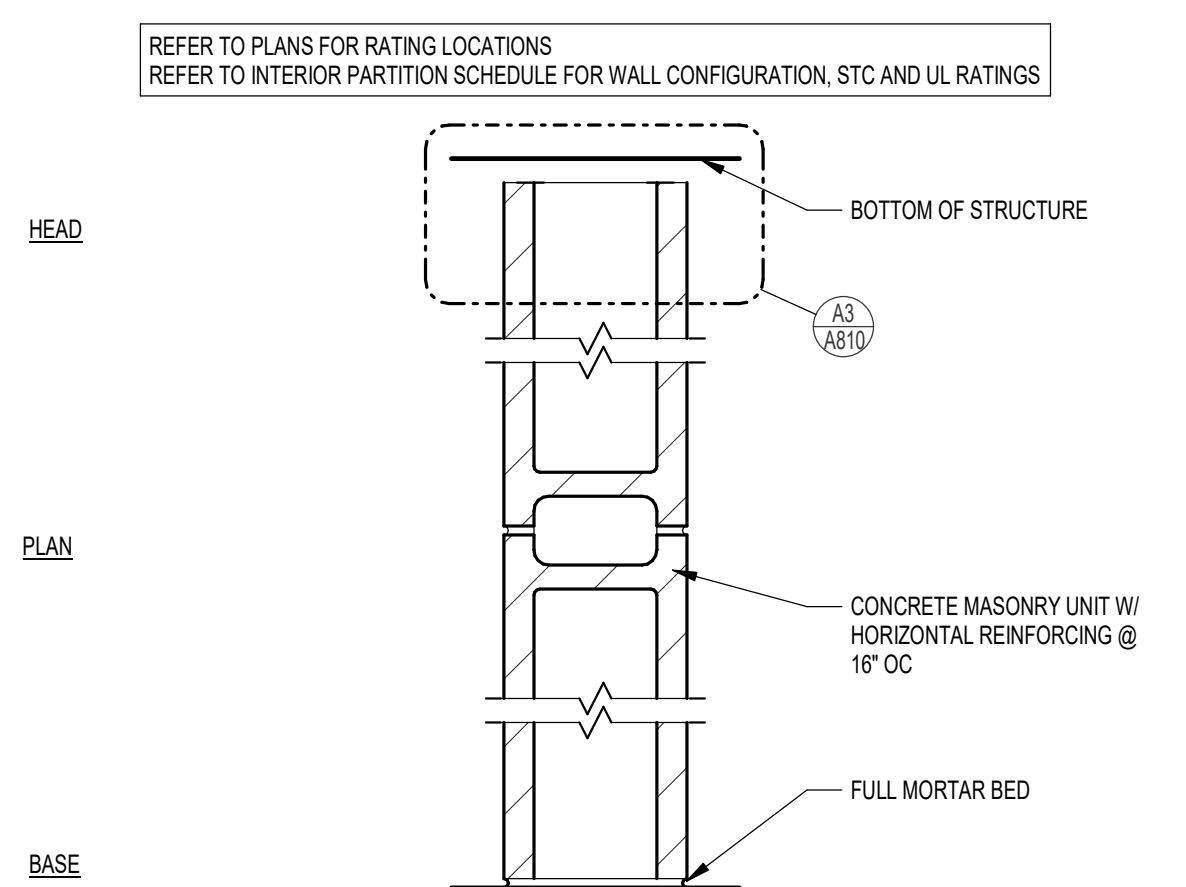
SCHOOL DISTRICT OF MILTON  
 EAST ELEMENTARY - ADDITION & RENOVATION  
 201 NORTH JAMESVILLE STREET, MILTON, WI 53563

REVISIONS:  
 CONSTRUCTION DOCUMENTS  
 BID PACKAGE  
 DATE: 09-13-19  
 JOB NO: 190106-03  
 SHEET NO:  
 INTERIOR ELEVATIONS  
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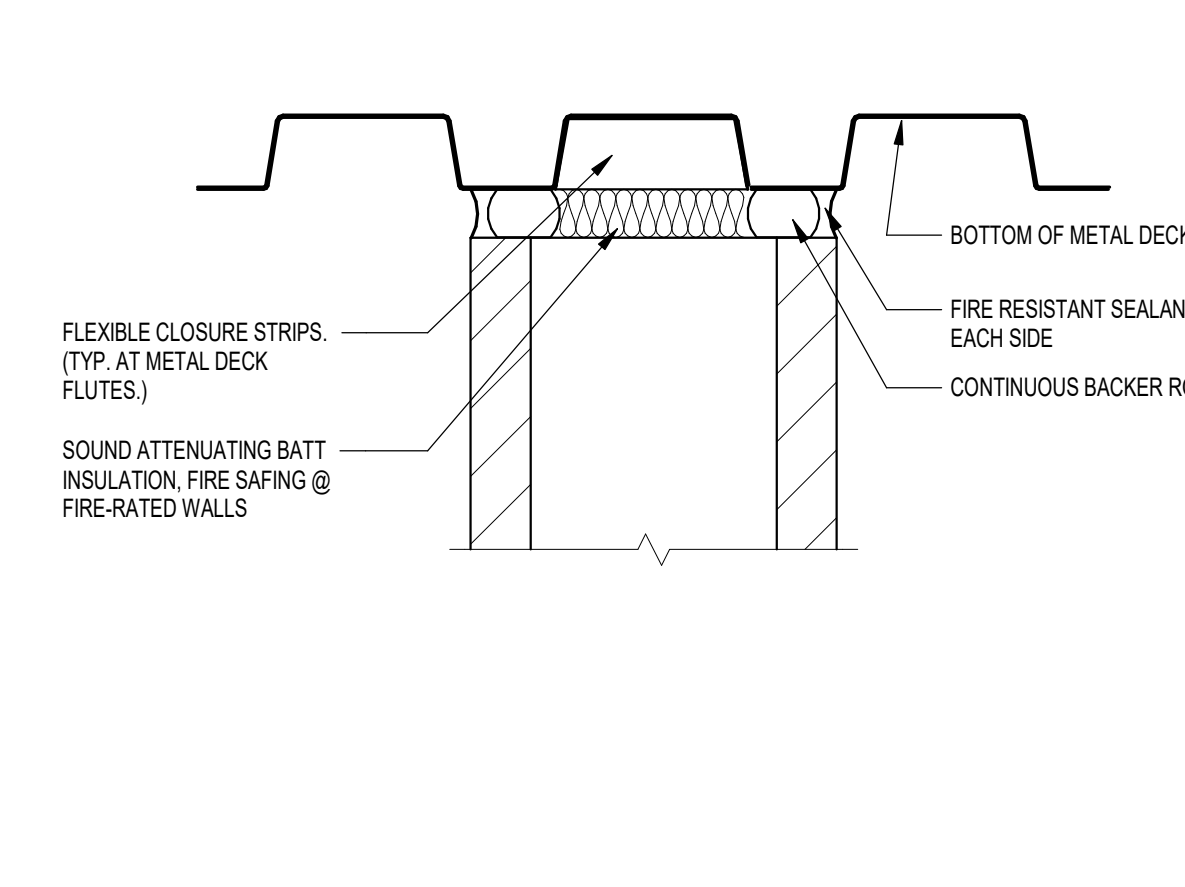




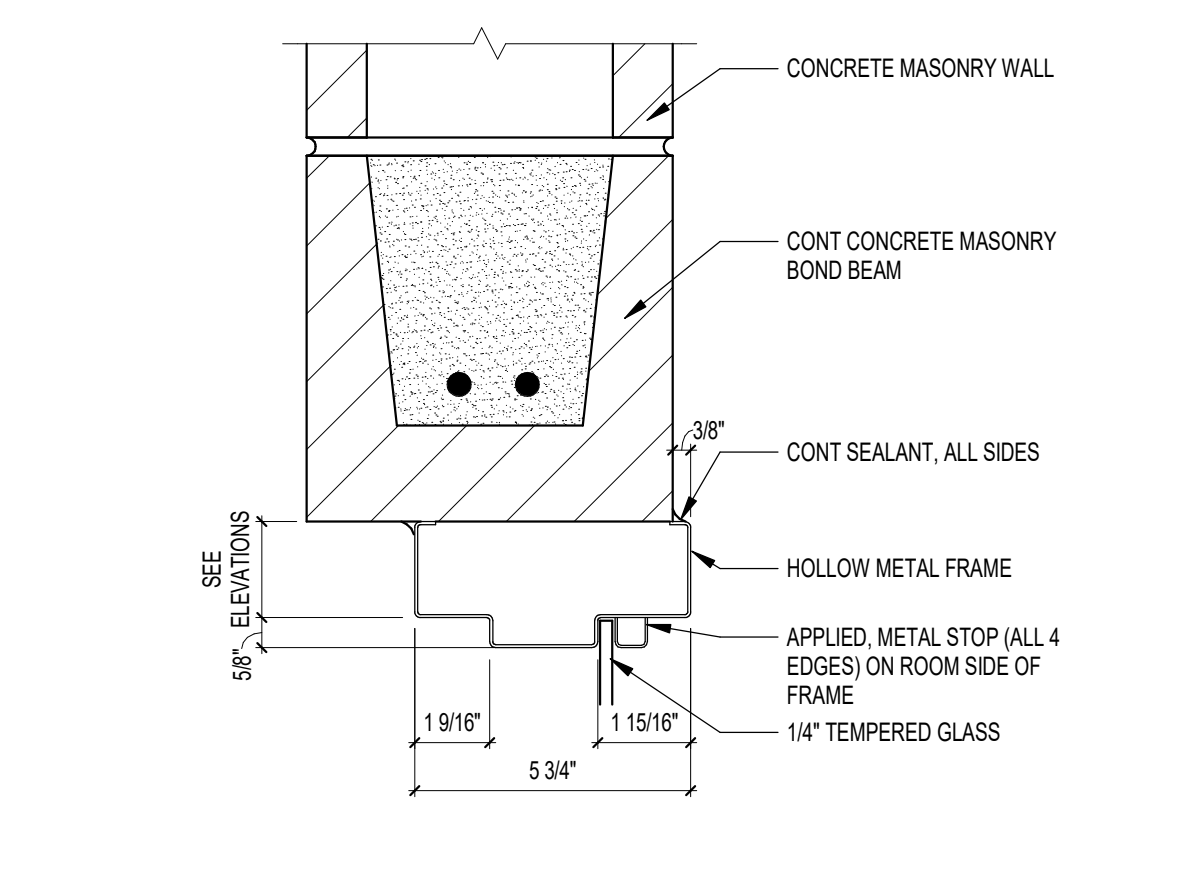
**A1 TYPICAL DUST-PROOF BARRIER**  
1/2" = 1'-0"



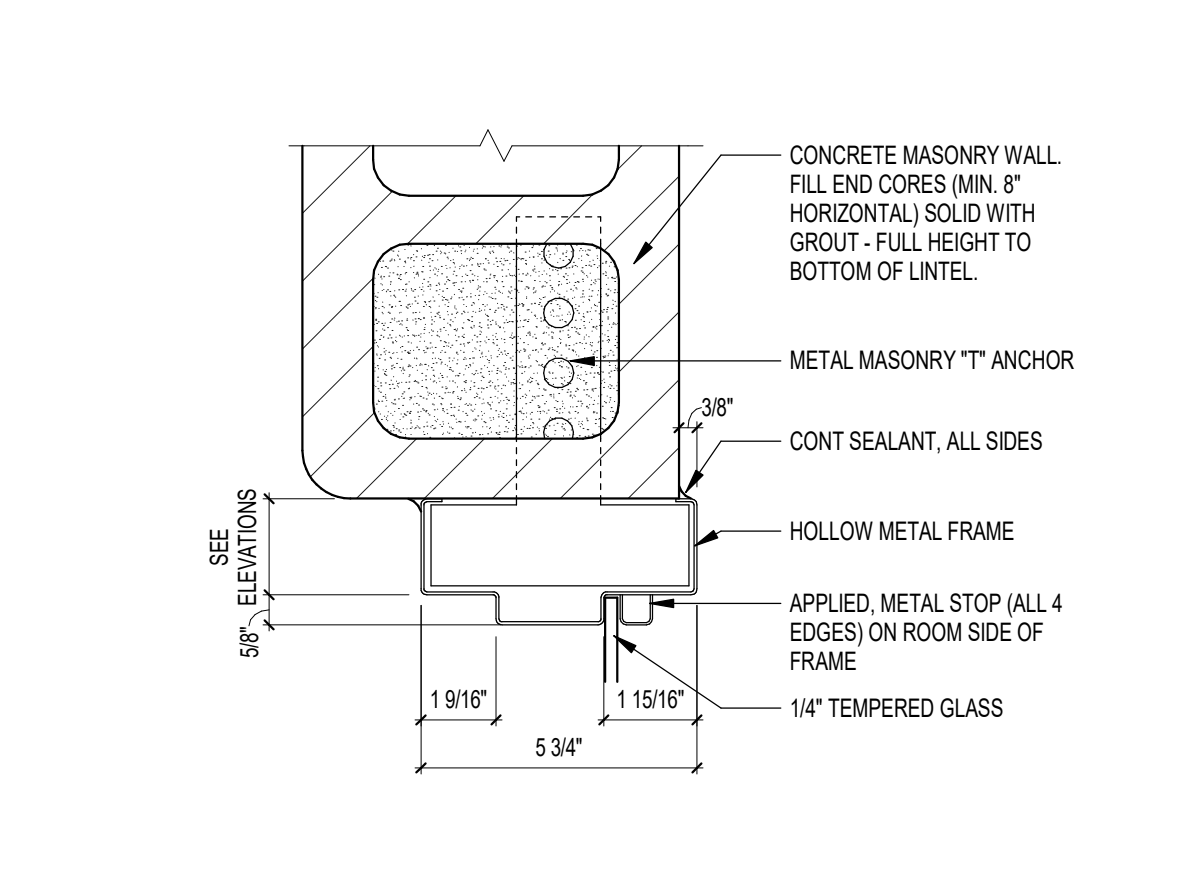
**A2 (S SERIES) MASONRY PARTITION**  
1 1/2" = 1'-0"



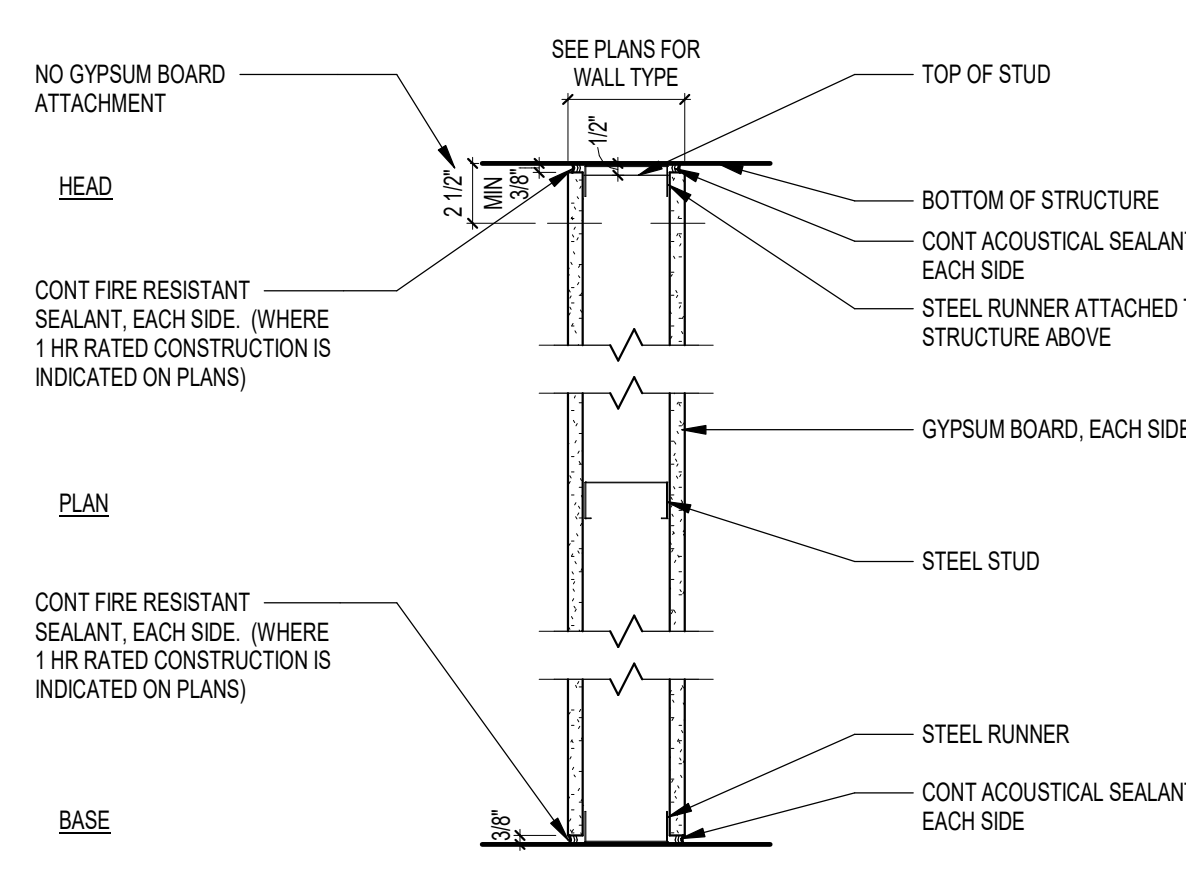
**A3 MASONRY PART CLOSURE @ MTL DECK**  
3" = 1'-0"



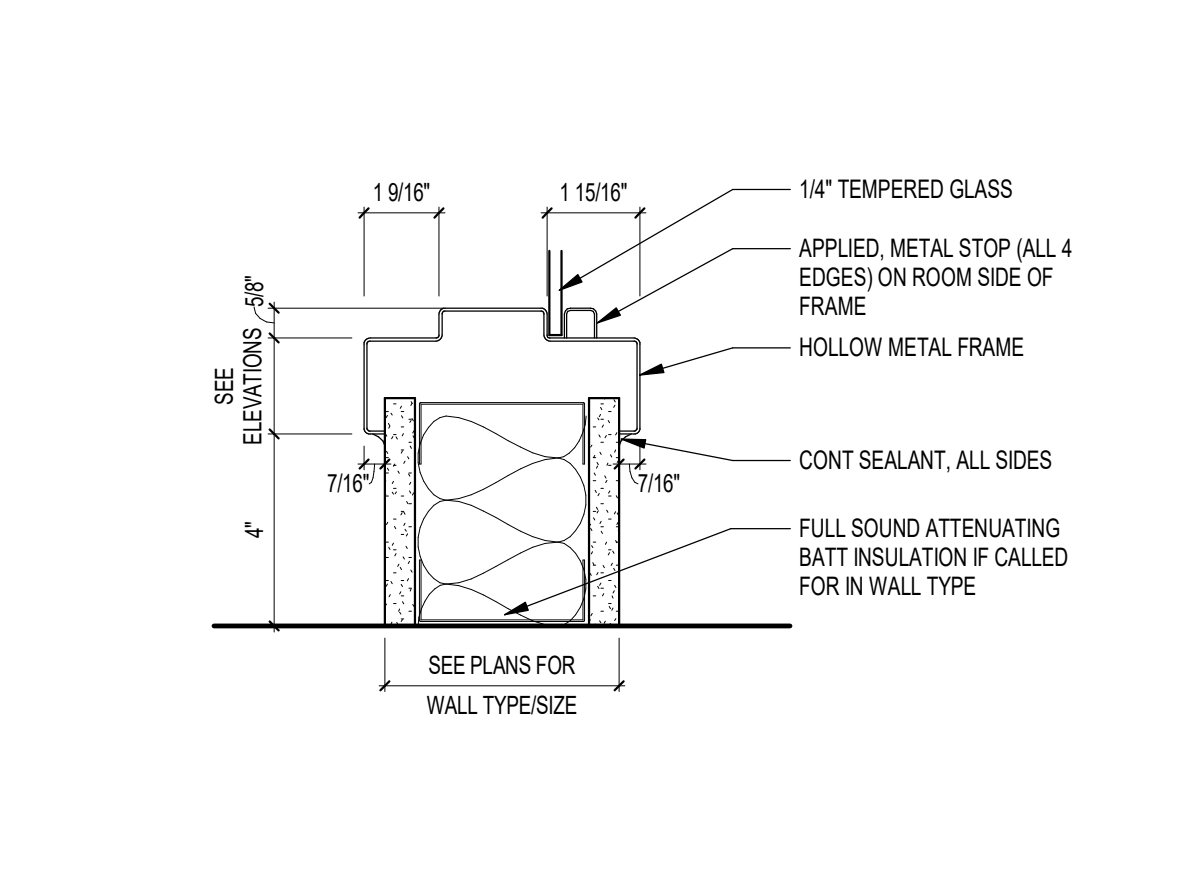
**A4 HM FRAME HEAD @ BORROWED LITE (BB 2)**  
3" = 1'-0"



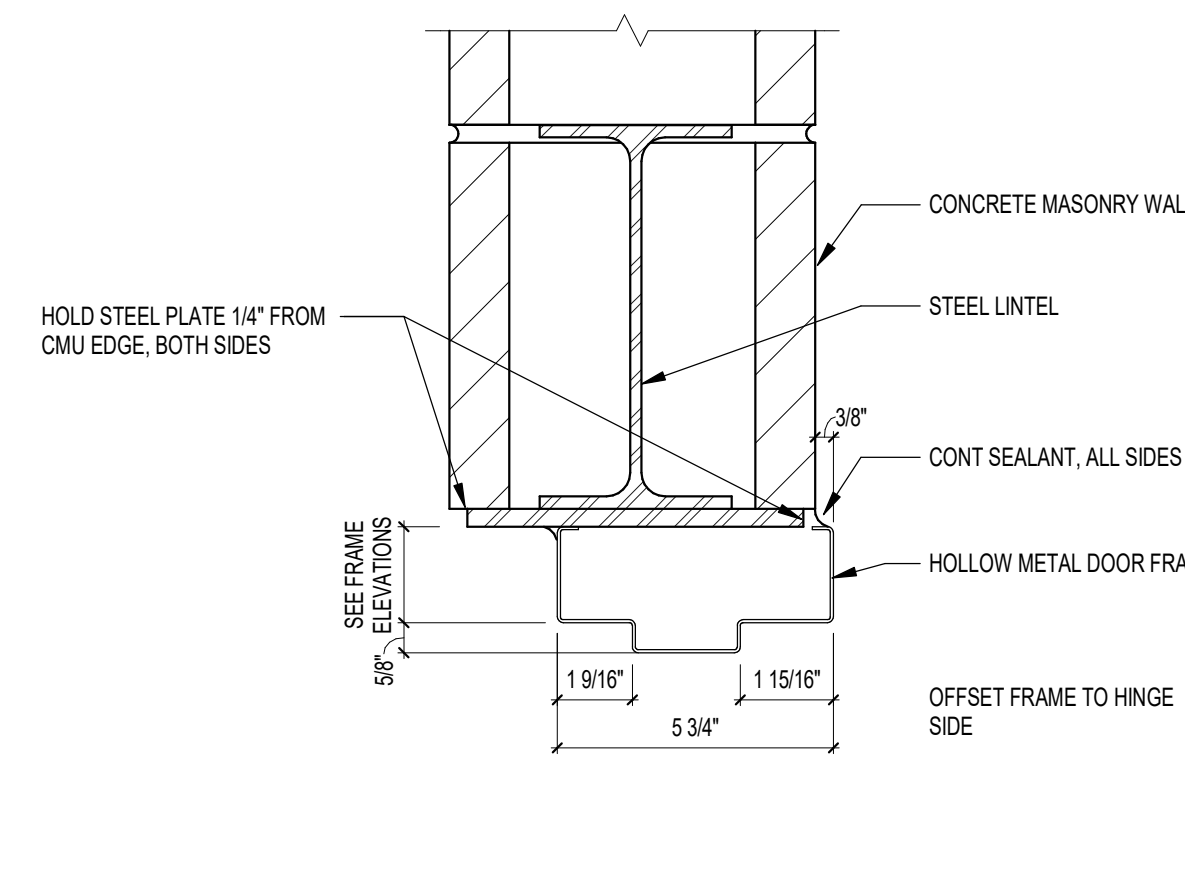
**A5 HM FRAME JAMB @ BORROWED LITE 1**  
3" = 1'-0"



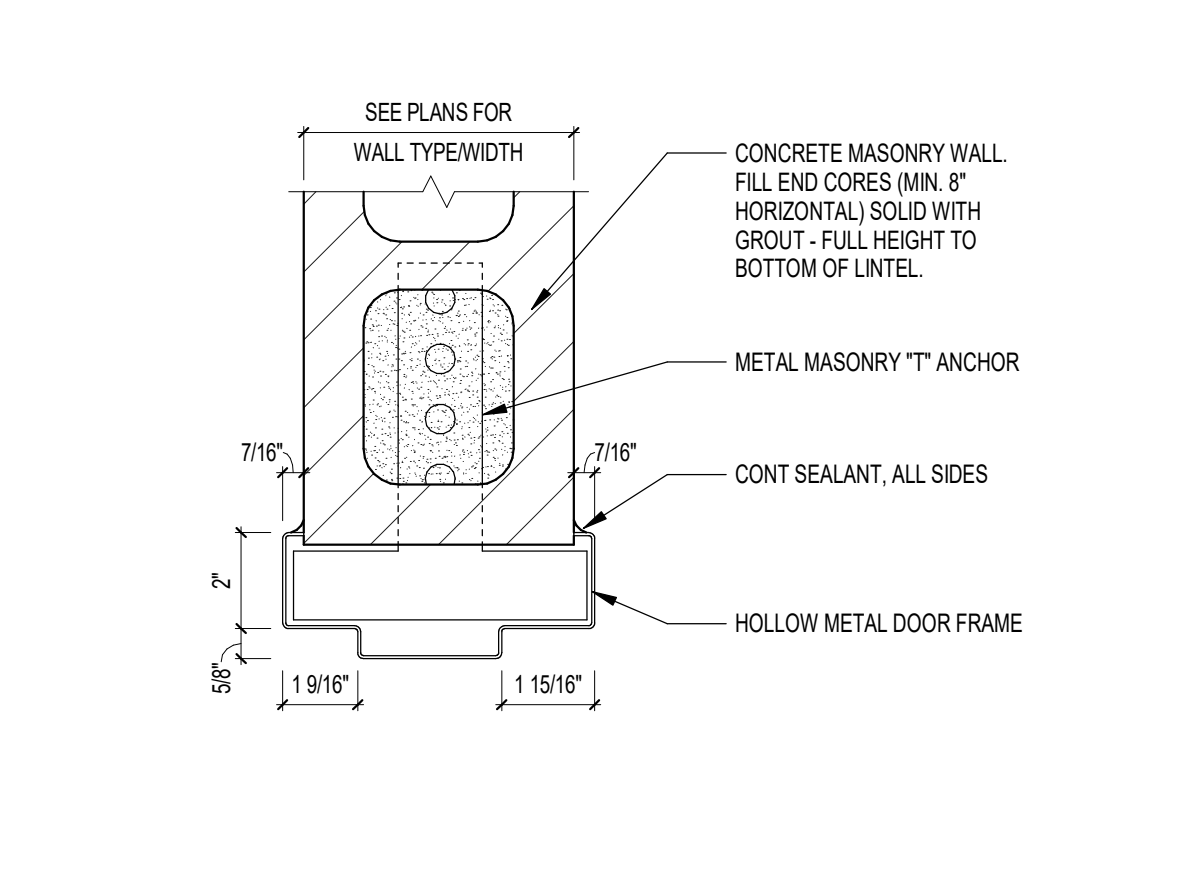
**A6 PARTITION SLIP JOINT**  
1 1/2" = 1'-0"



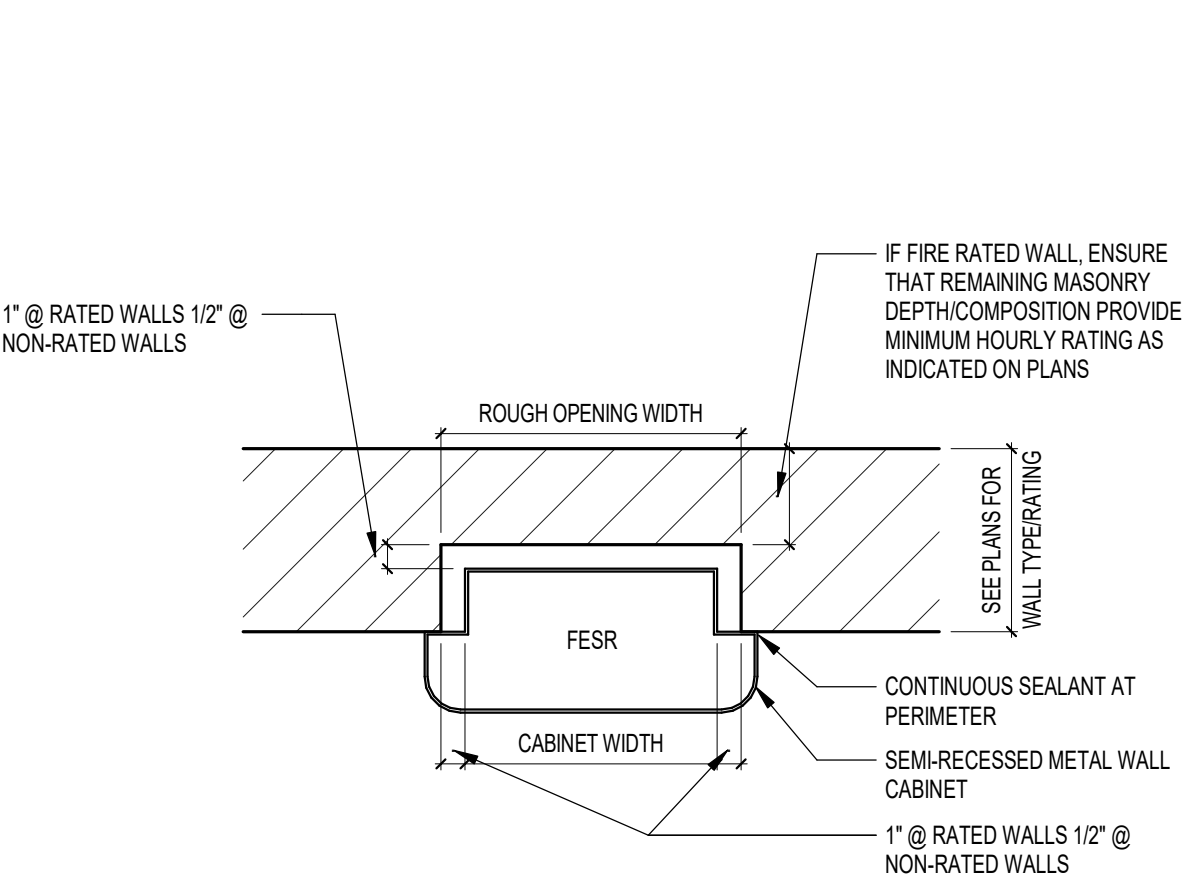
**B2 HM FRAME SILL @ STL STUD PARTITION**  
3" = 1'-0"



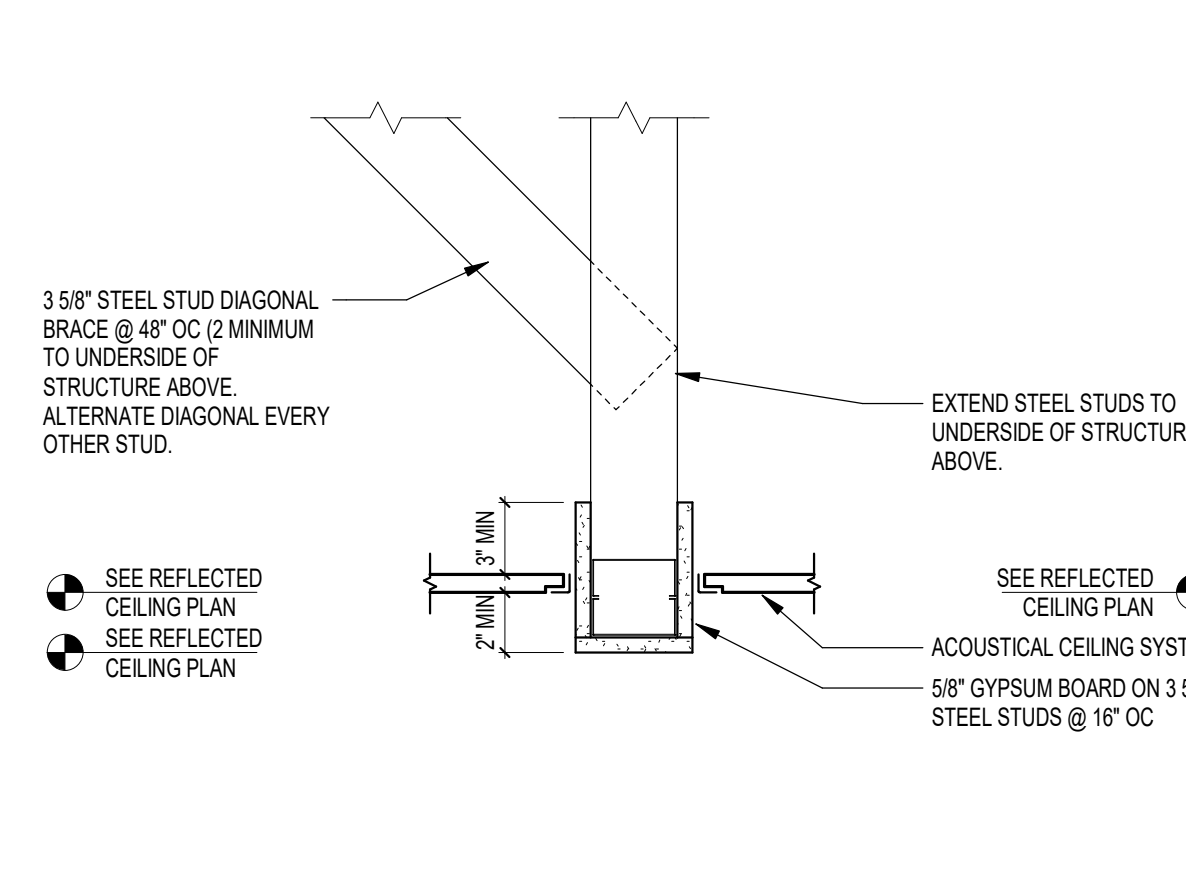
**B3 HM FRAME HEAD @ CMU PARTITION (STL)**  
3" = 1'-0"



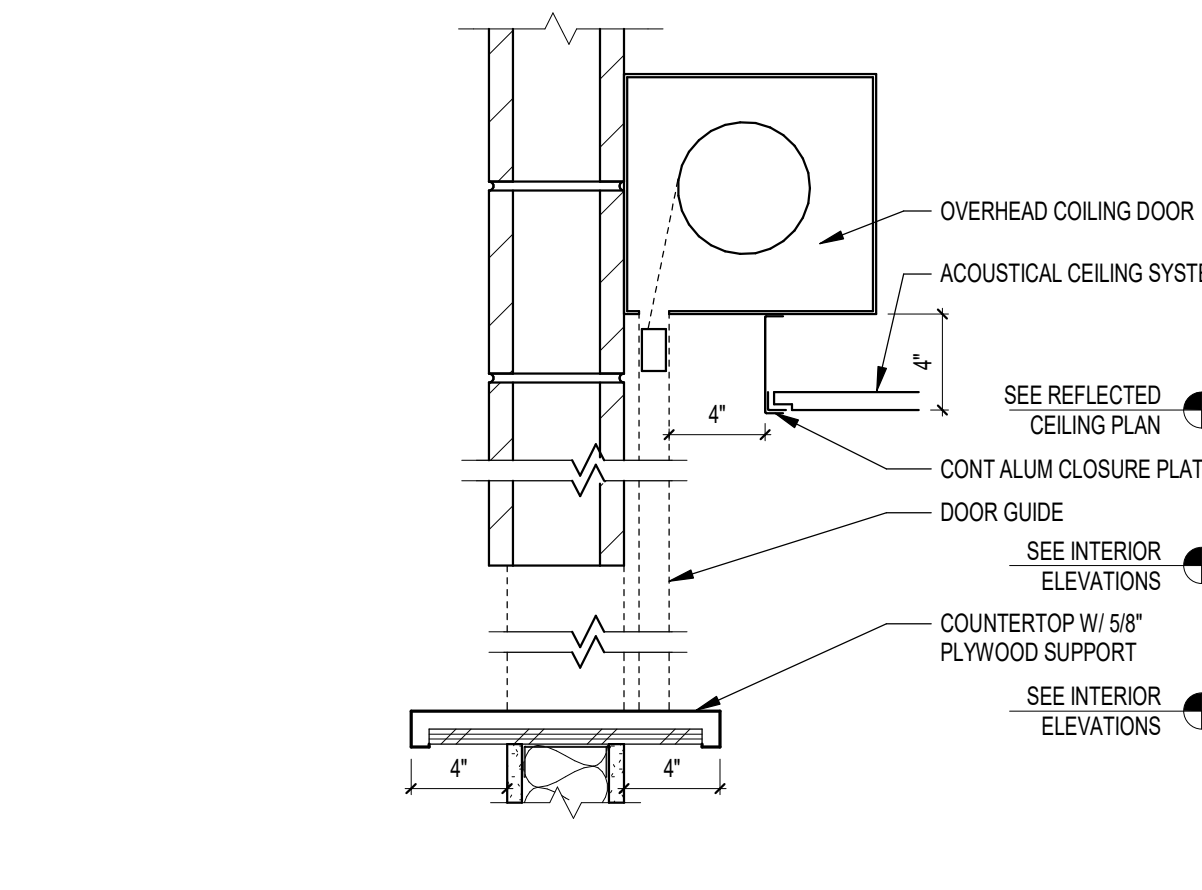
**B4 HM FRAME JAMB @ CMU PARTITION**  
3" = 1'-0"



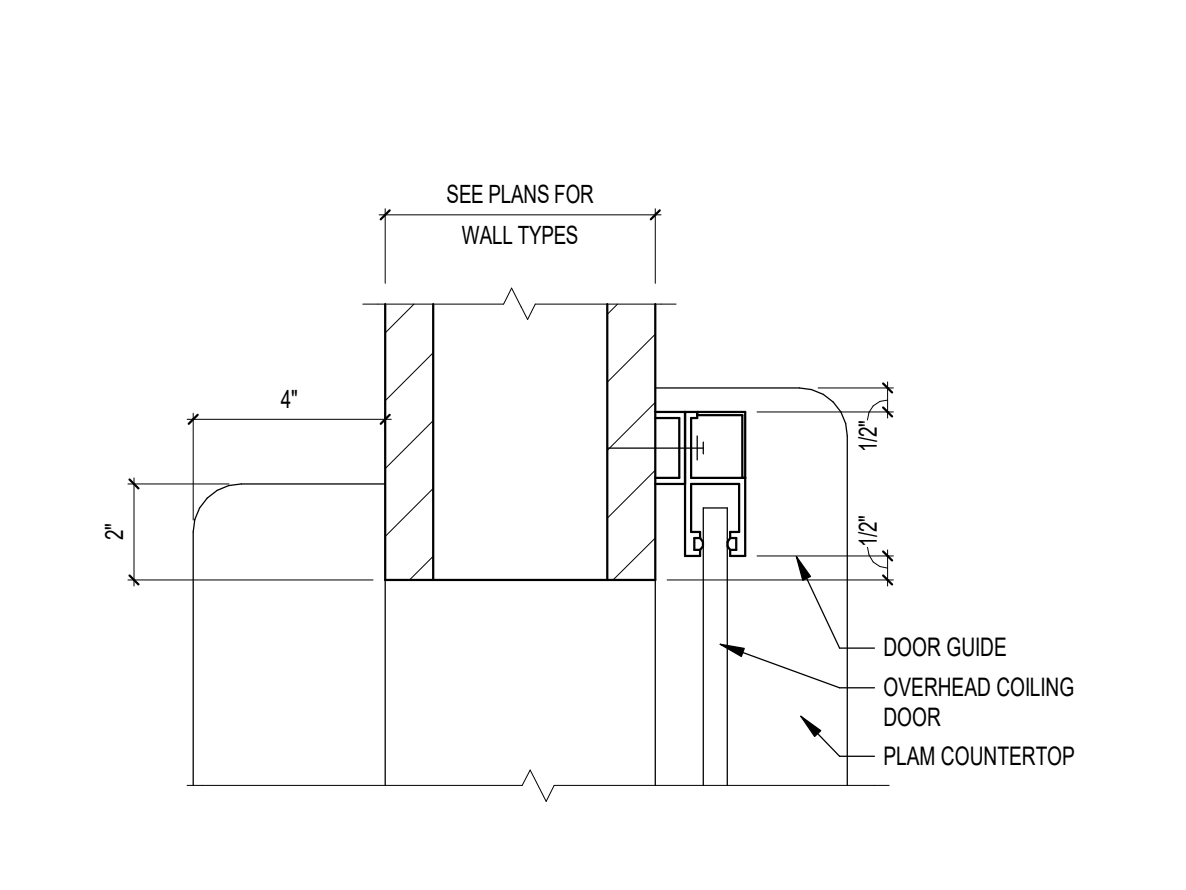
**B5 FIRE EXTINGUISHER CABINET AT CMU (FESR)**  
1 1/2" = 1'-0"



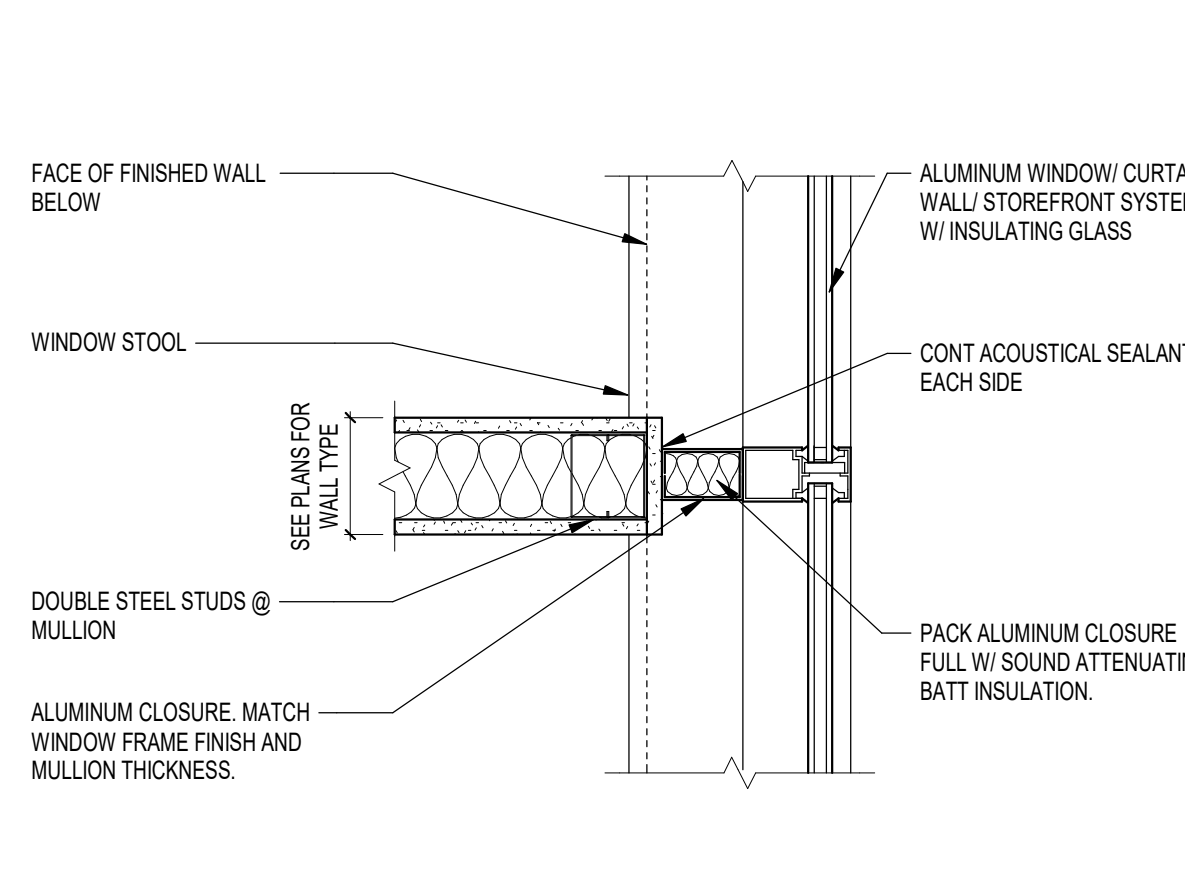
**B6 NARROW BULKHEAD (EVEN CLG)**  
1 1/2" = 1'-0"



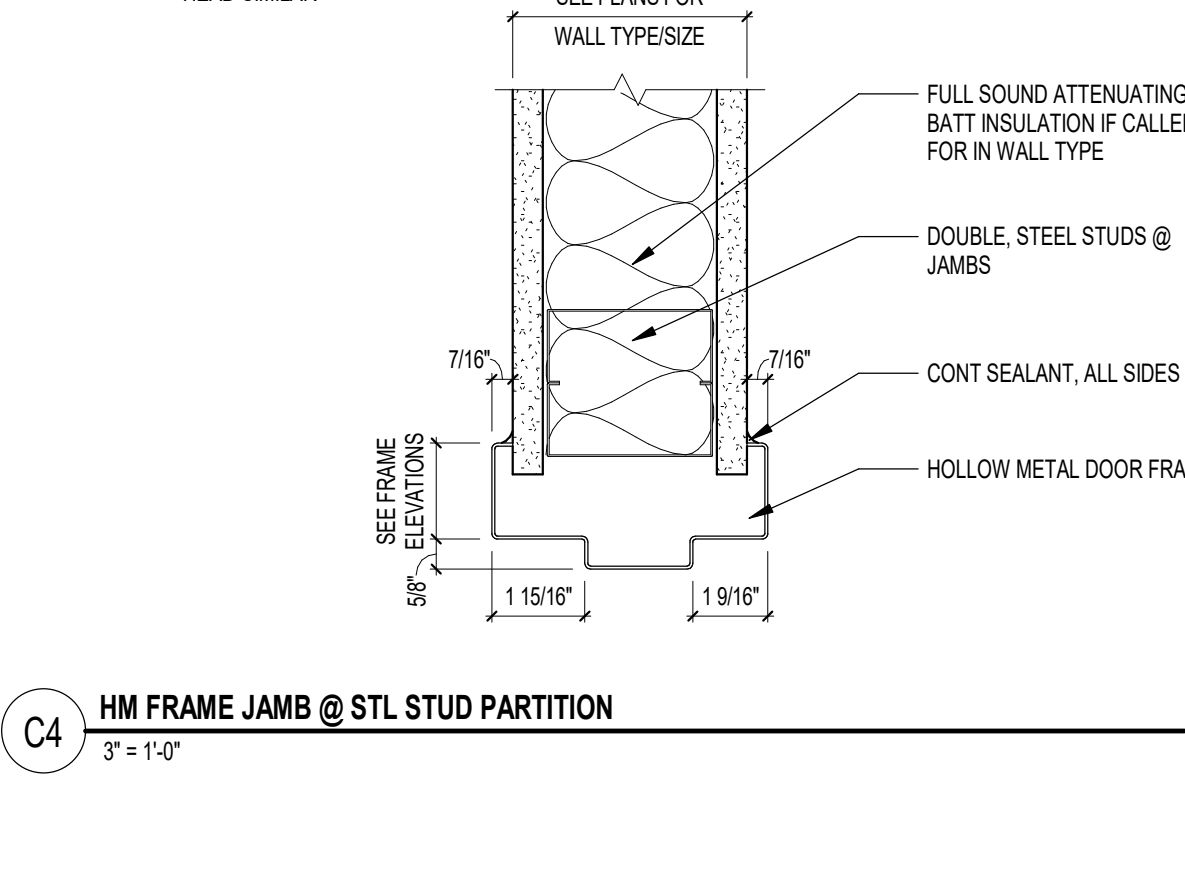
**C1 OVERHEAD COILING DOOR HEAD/SILL**  
1 1/2" = 1'-0"



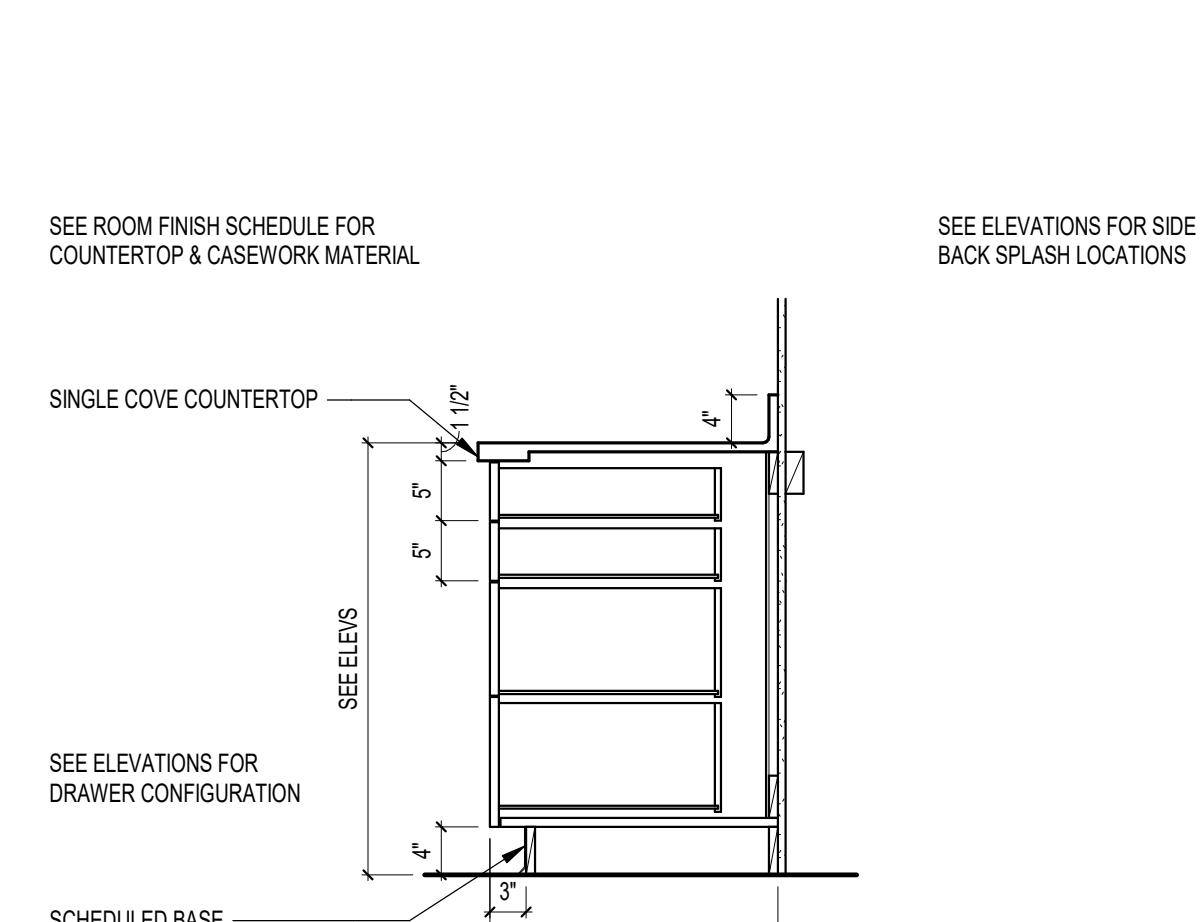
**C2 OVERHEAD COILING DOOR JAMB**  
3" = 1'-0"



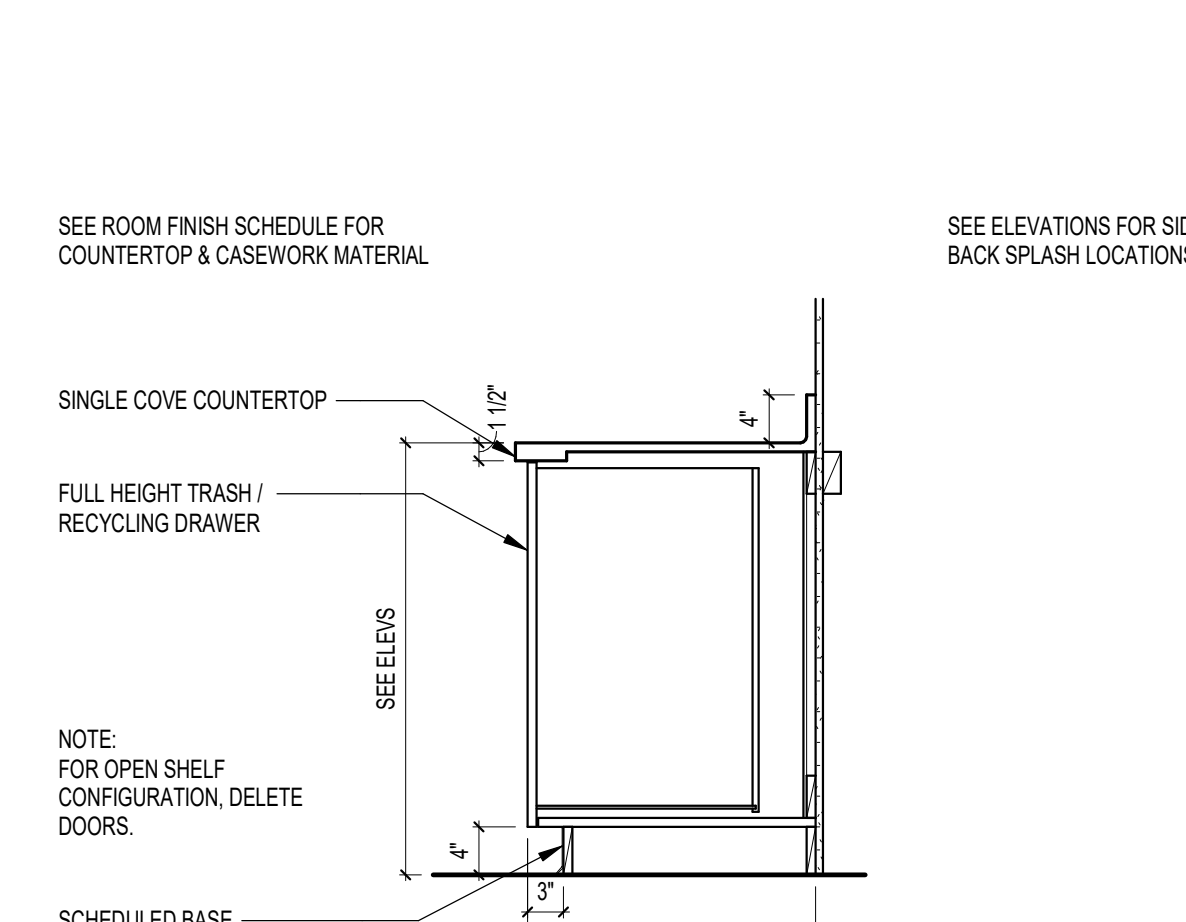
**C3 PARTITION CLOSURE @ MULLION**  
1 1/2" = 1'-0"



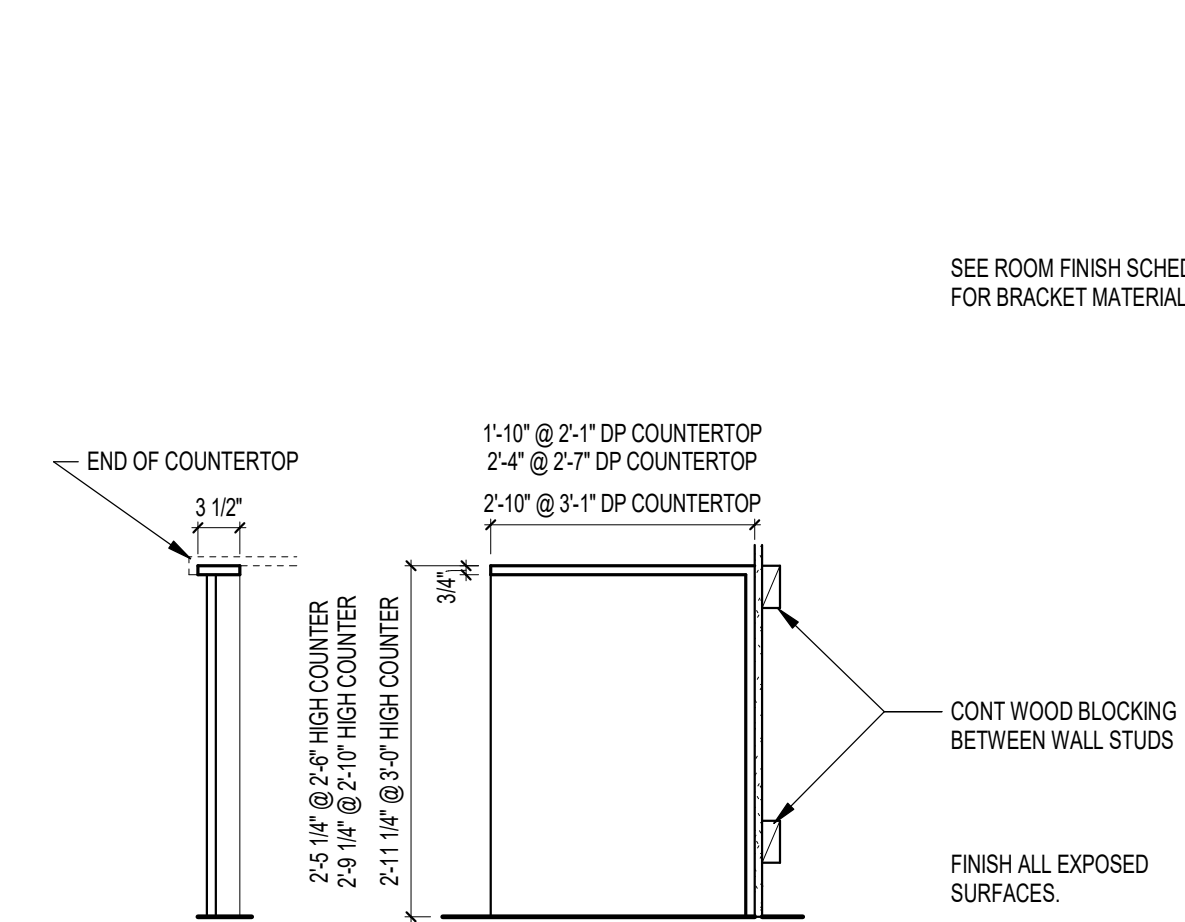
**C4 HM FRAME JAMB @ STL STUD PARTITION**  
3" = 1'-0"



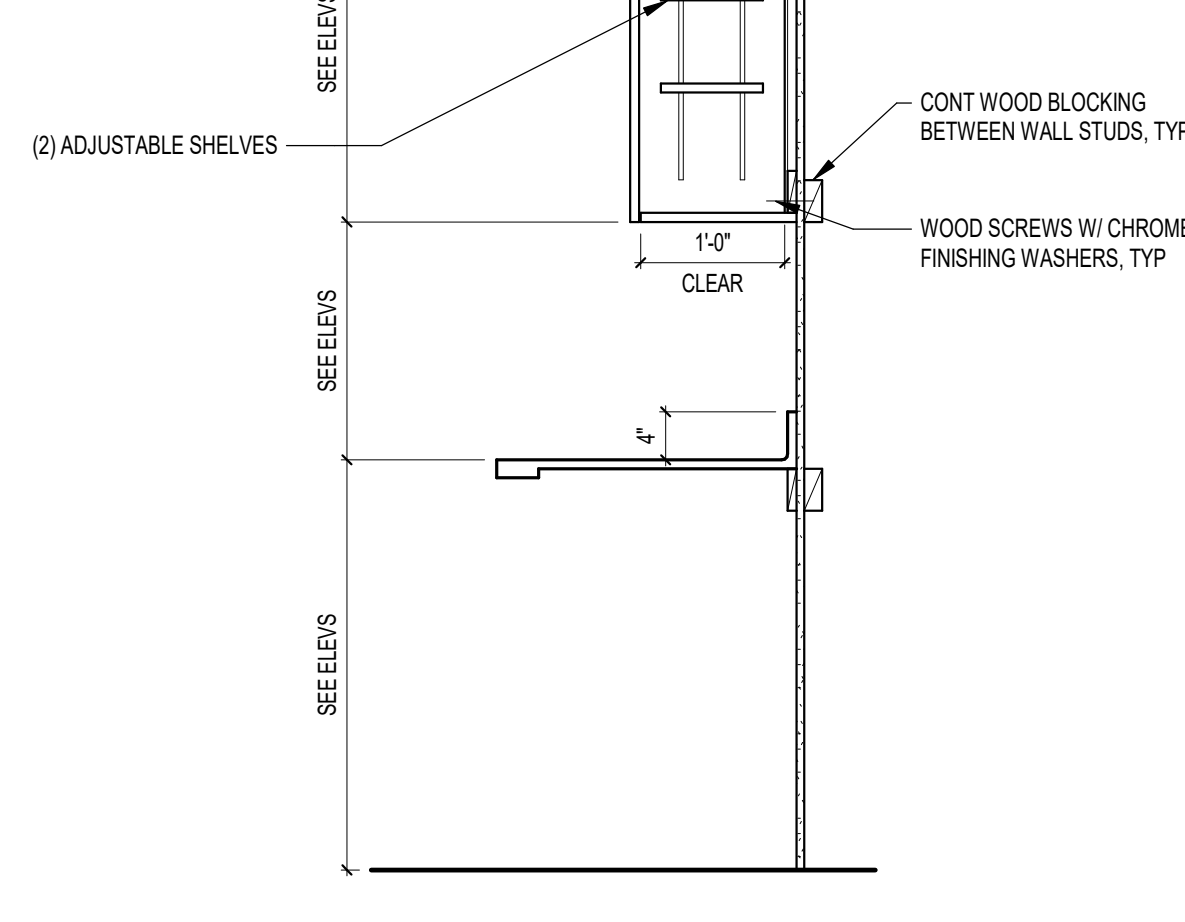
**D1 BASE CABINET DRAWERS**  
3/4" = 1'-0"



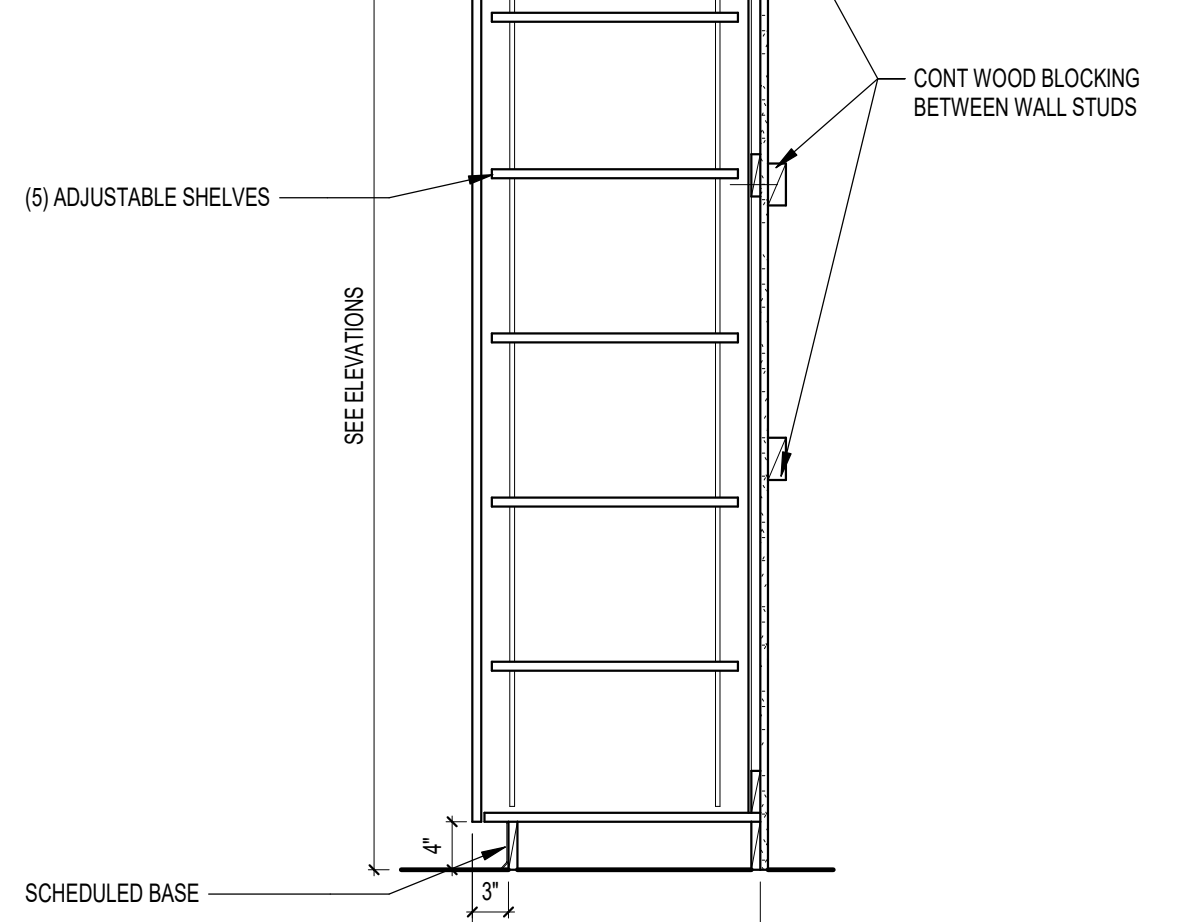
**D2 BASE CABINET TRASH/RECYCLING**  
3/4" = 1'-0"



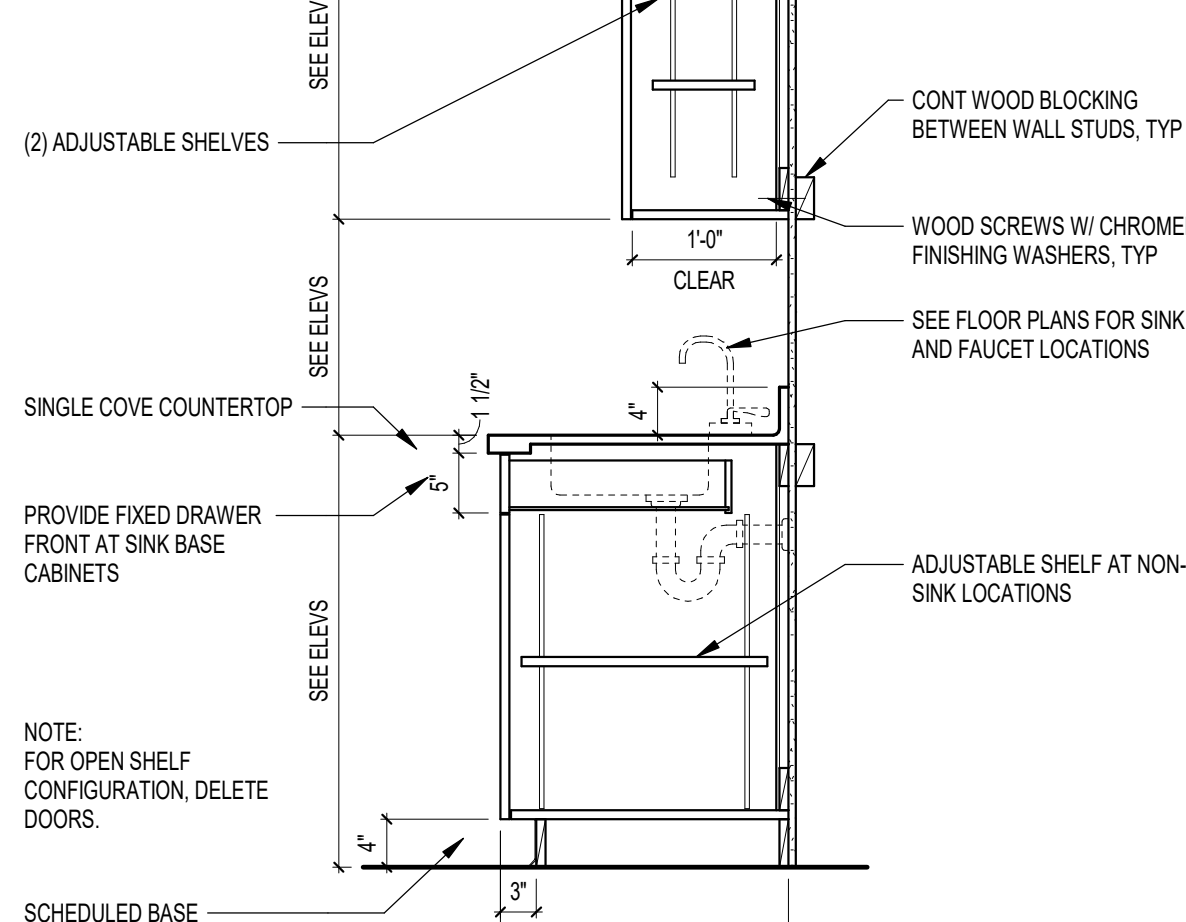
**D3 COUNTERTOP END BRACKET**  
3/4" = 1'-0"



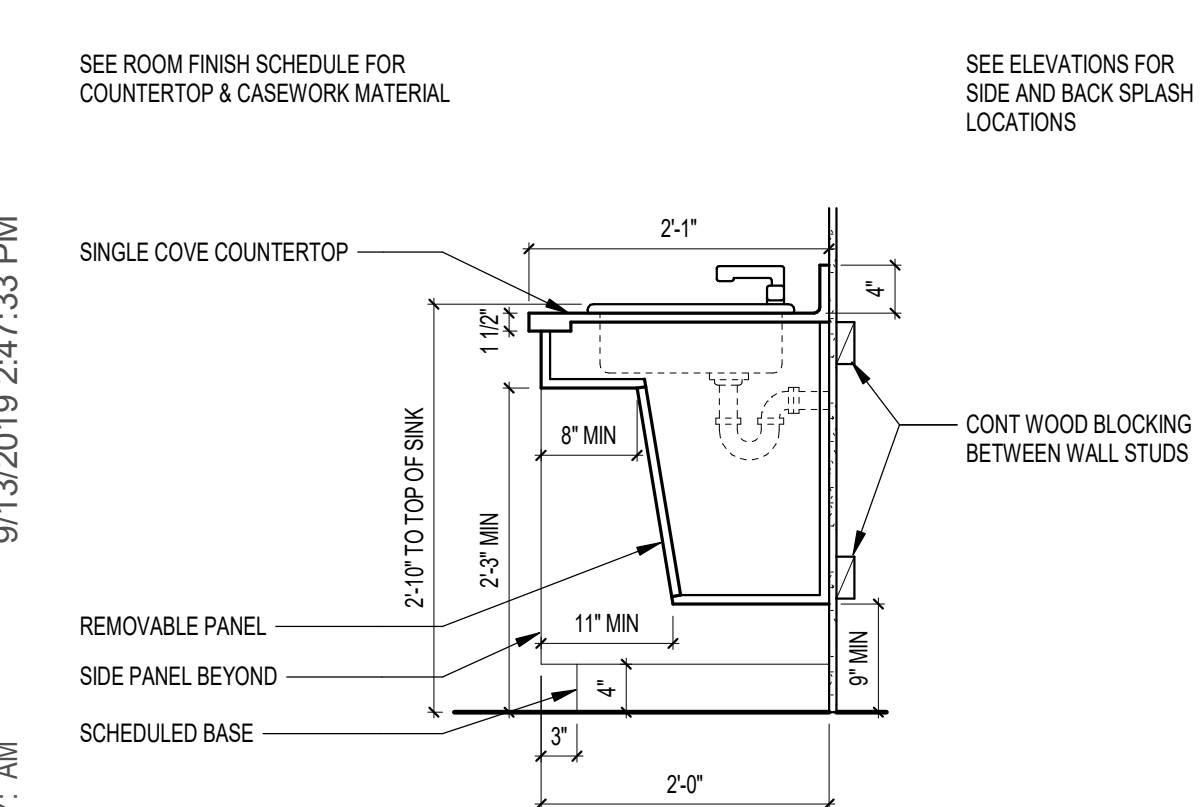
**D4 OPEN SHELF CABINET**  
3/4" = 1'-0"



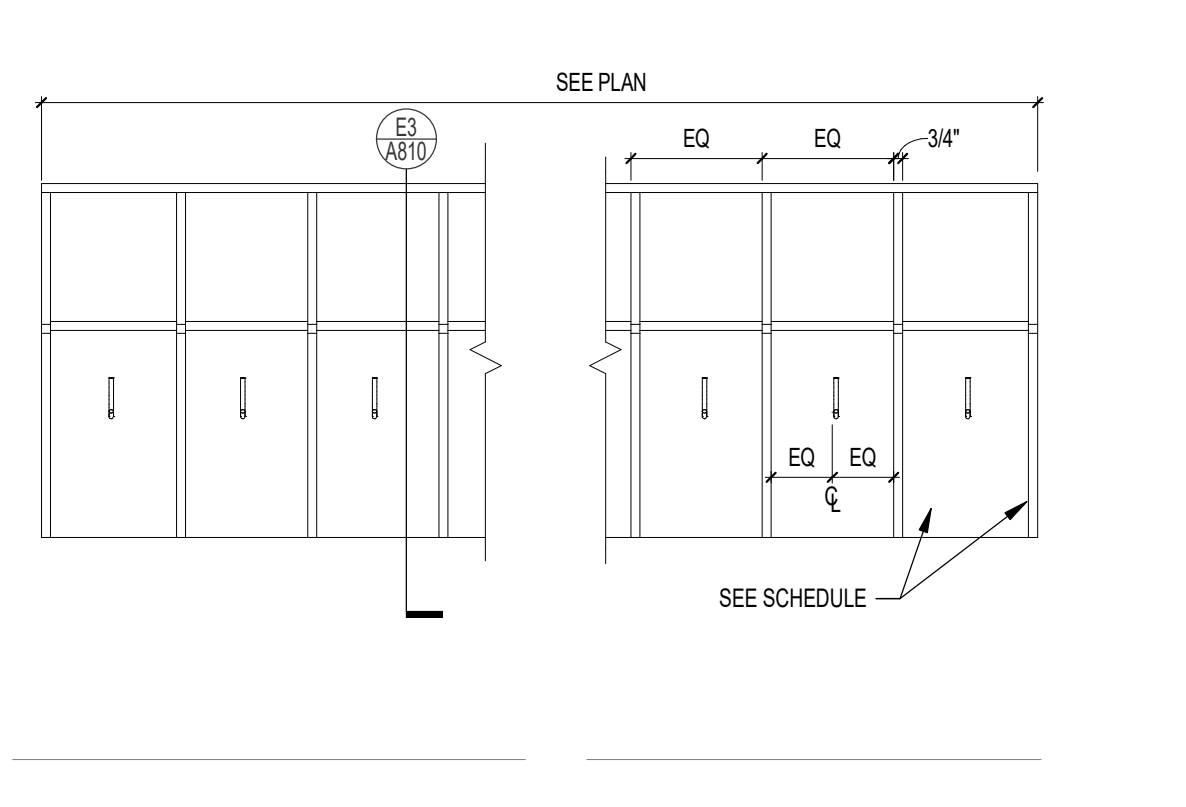
**D5 FULL HEIGHT CABINET**  
3/4" = 1'-0"



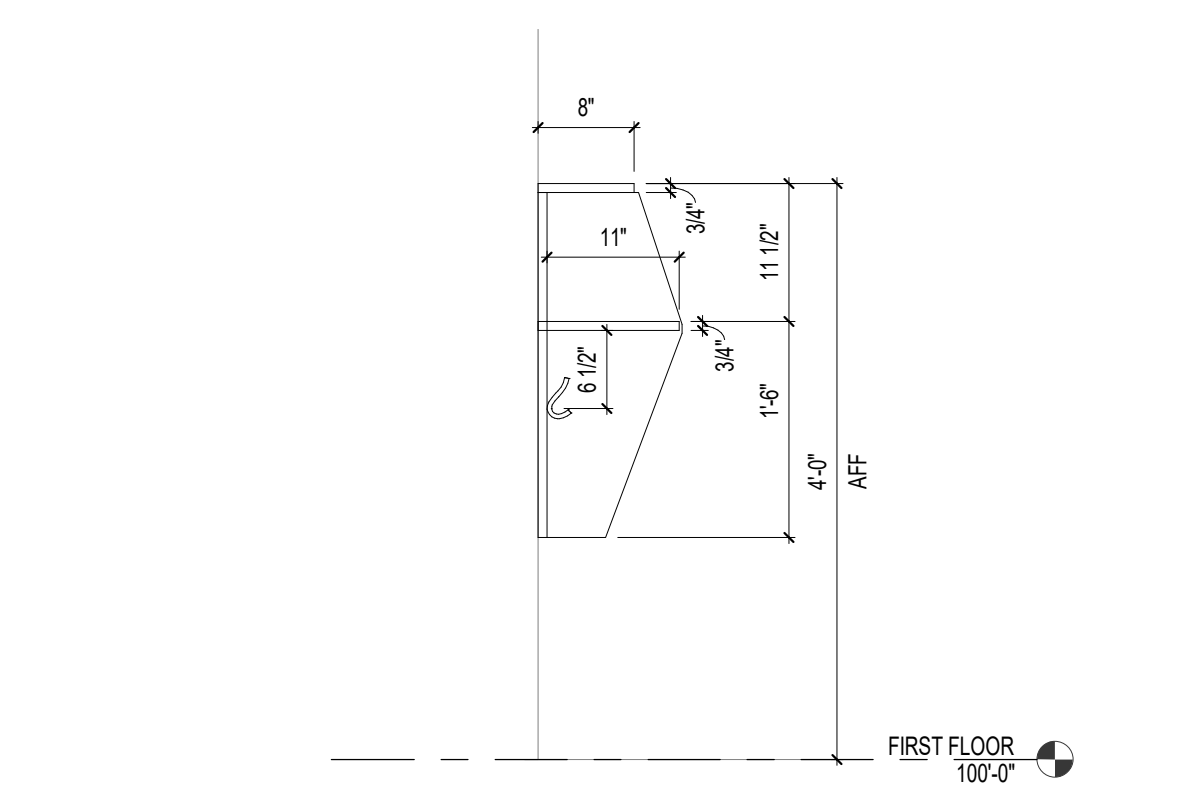
**D6 BASE & UPPER CABINET**  
3/4" = 1'-0"



**E1 ADA COMPLIANT VANITY (ENCLOSED)**  
3/4" = 1'-0"

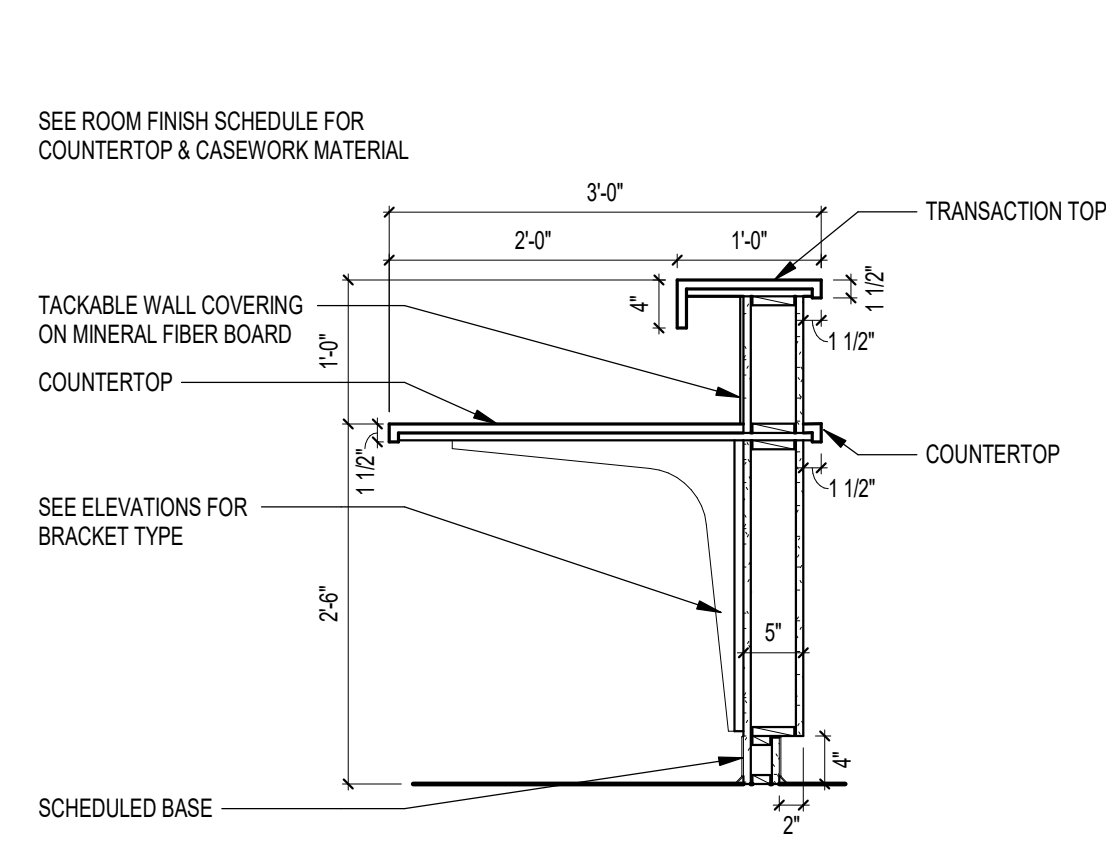


**E2 CUBBIE DETAIL**  
3/4" = 1'-0"

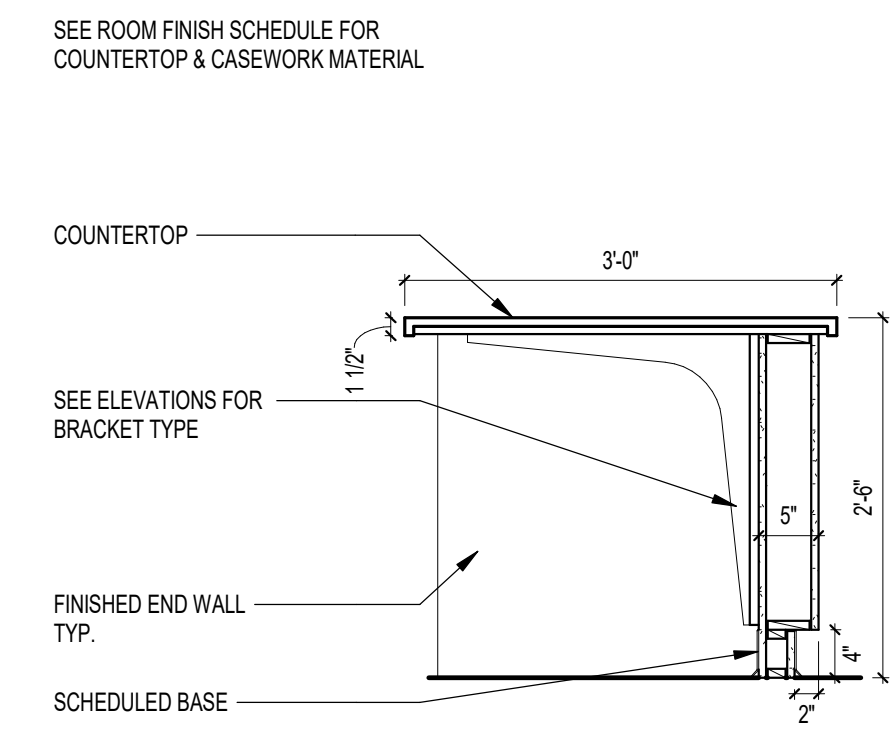


**E3 CUBBIE SECTION**  
3/4" = 1'-0"

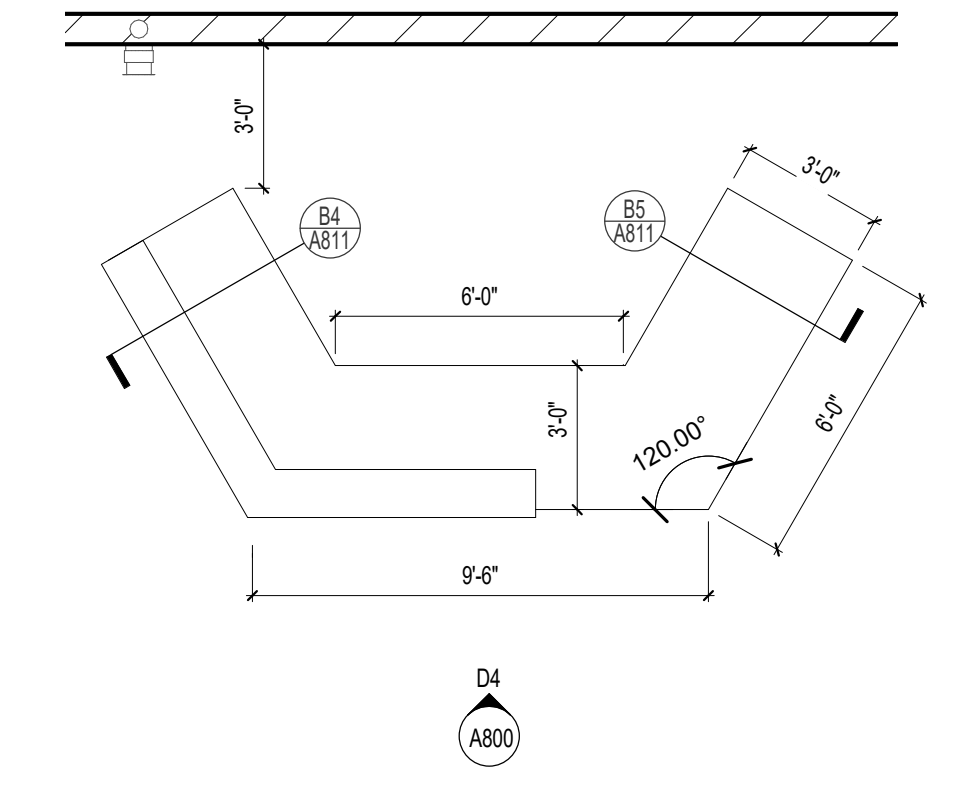
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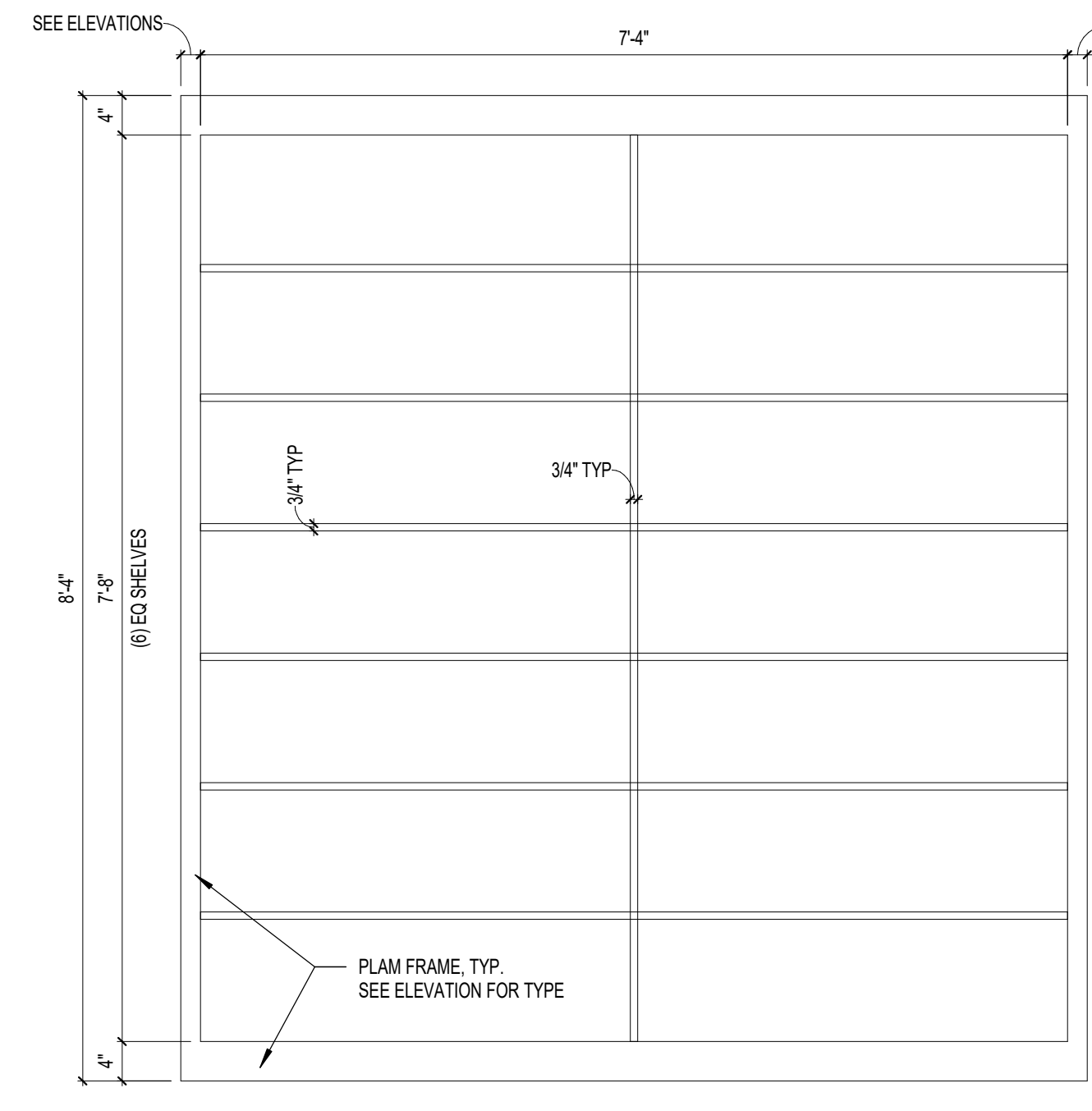
B4 RECEPTION DESK @ HIGH COUNTER  
3/4" = 1'-0"



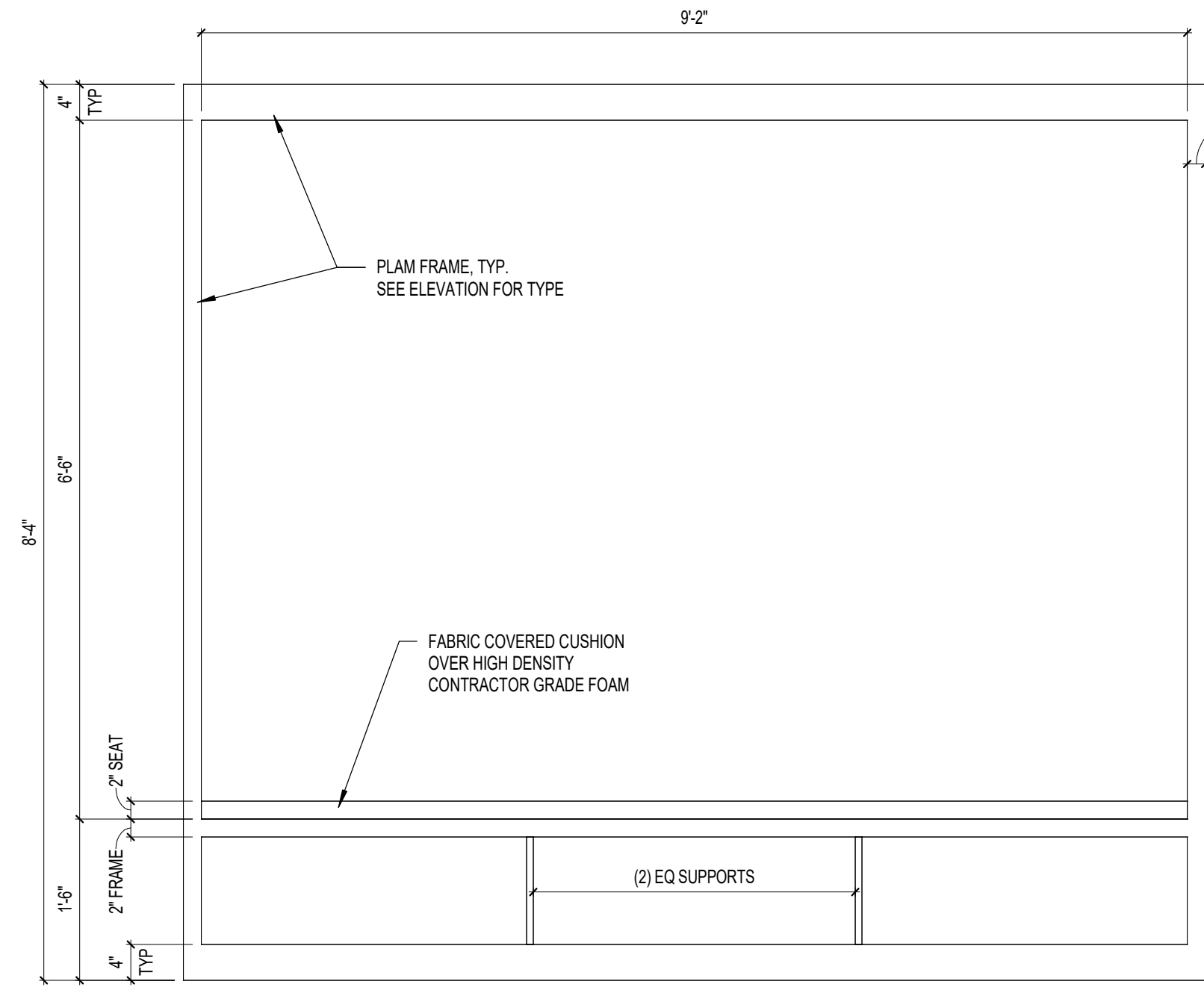
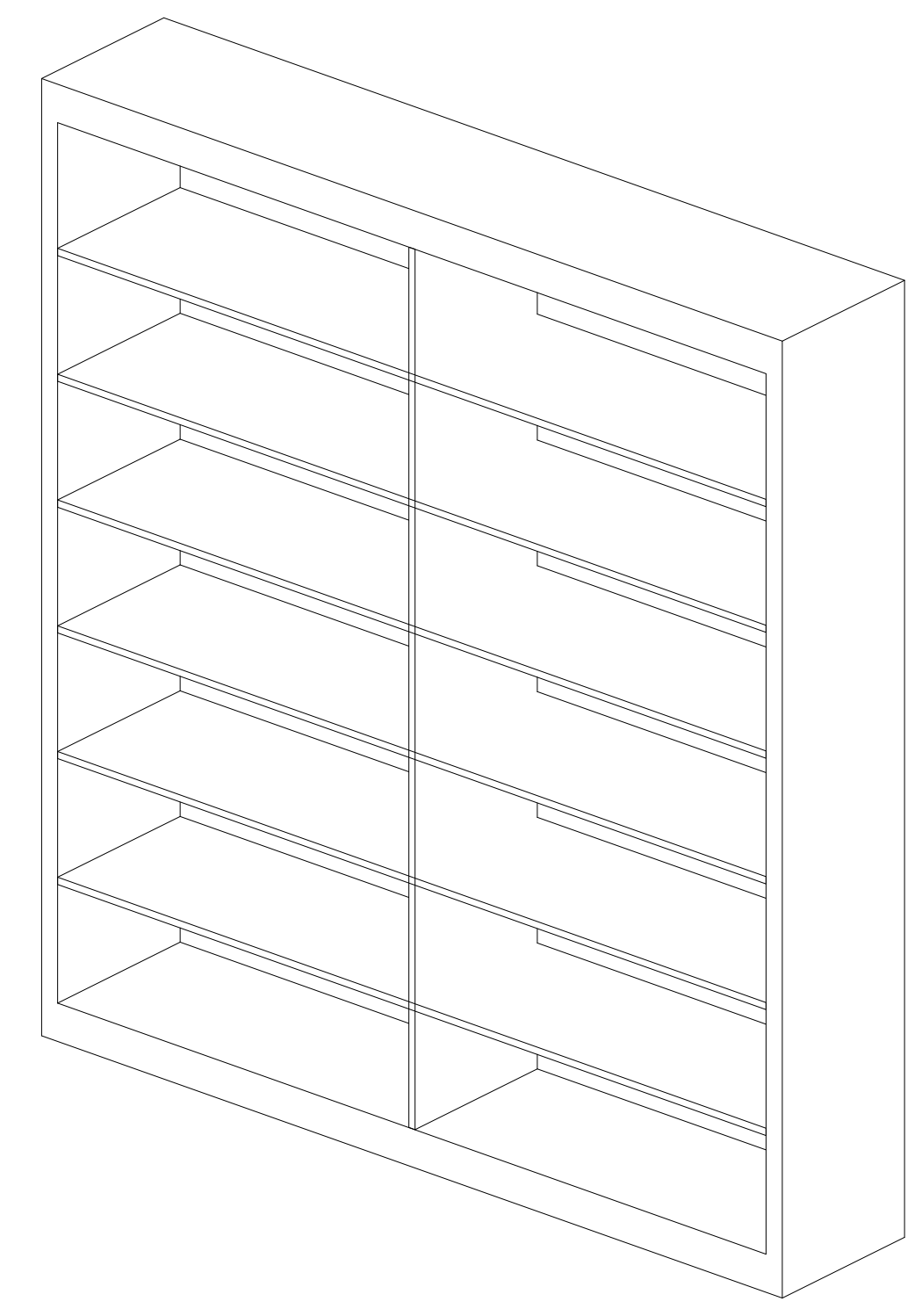
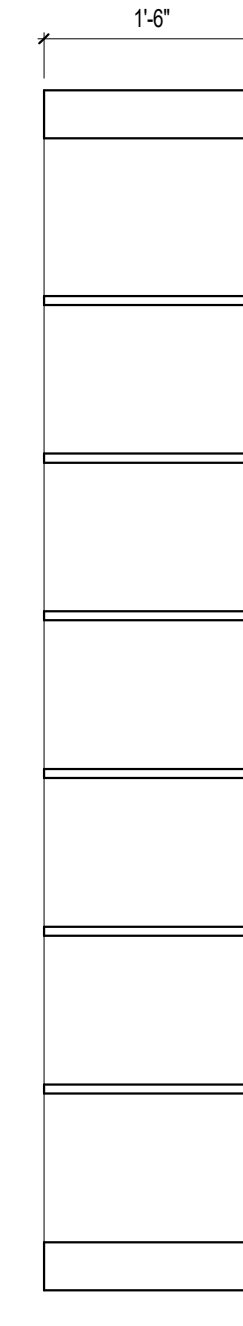
B5 RECEPTION DESK @ LOW COUNTER  
3/4" = 1'-0"



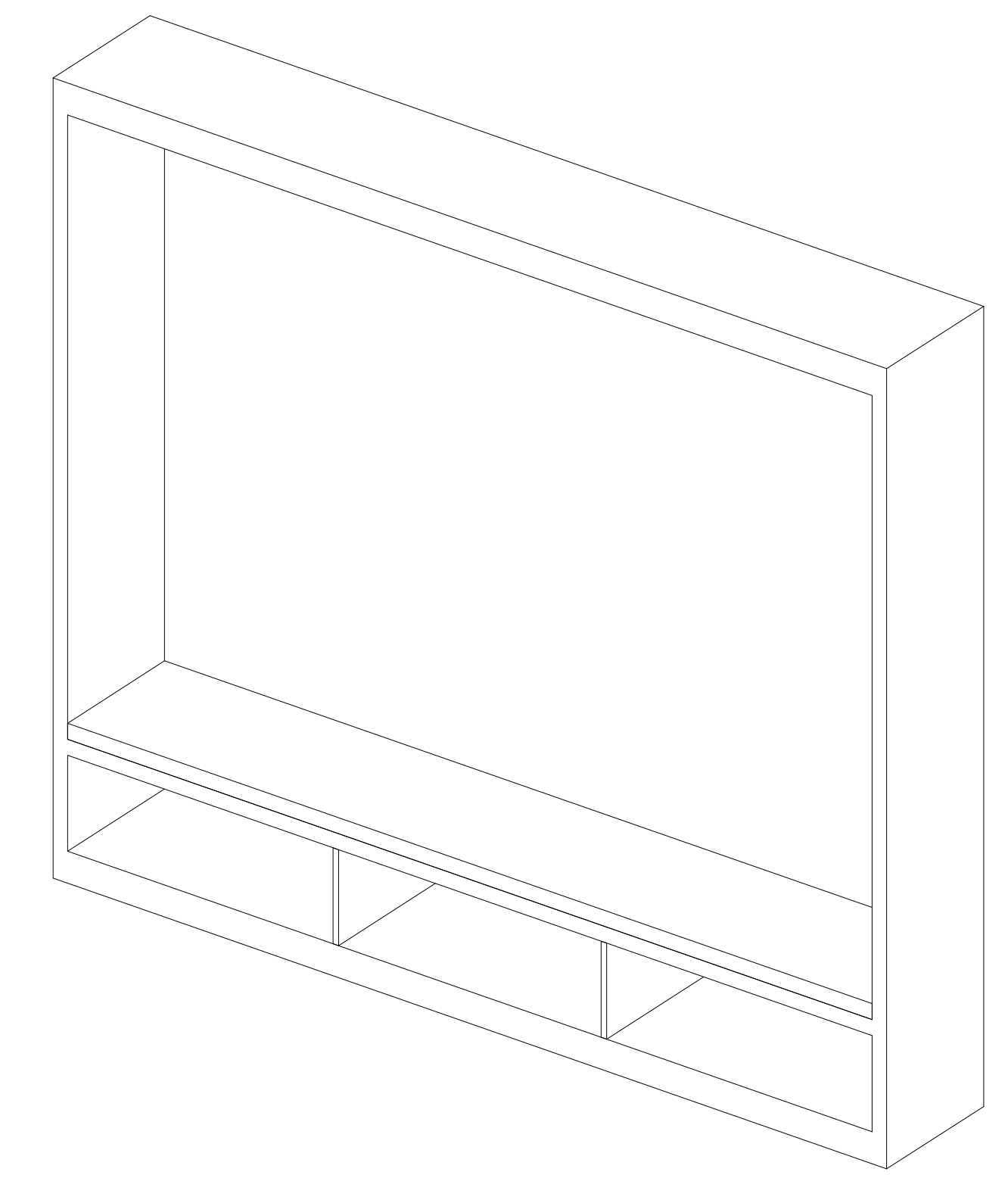
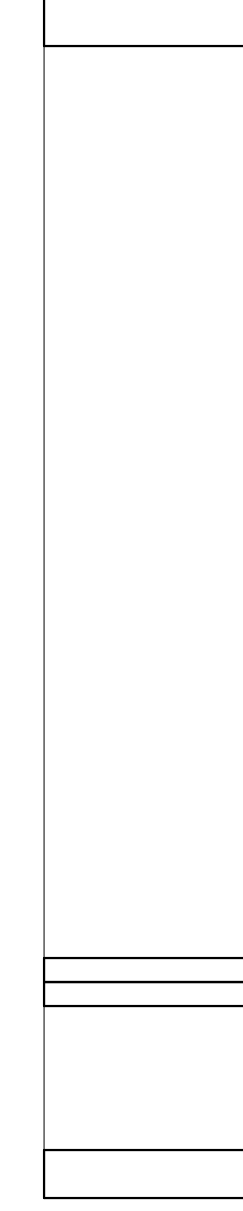
B6 ENLARGED LMC RECEPTION DESK - ALT E4  
1/4" = 1'-0"



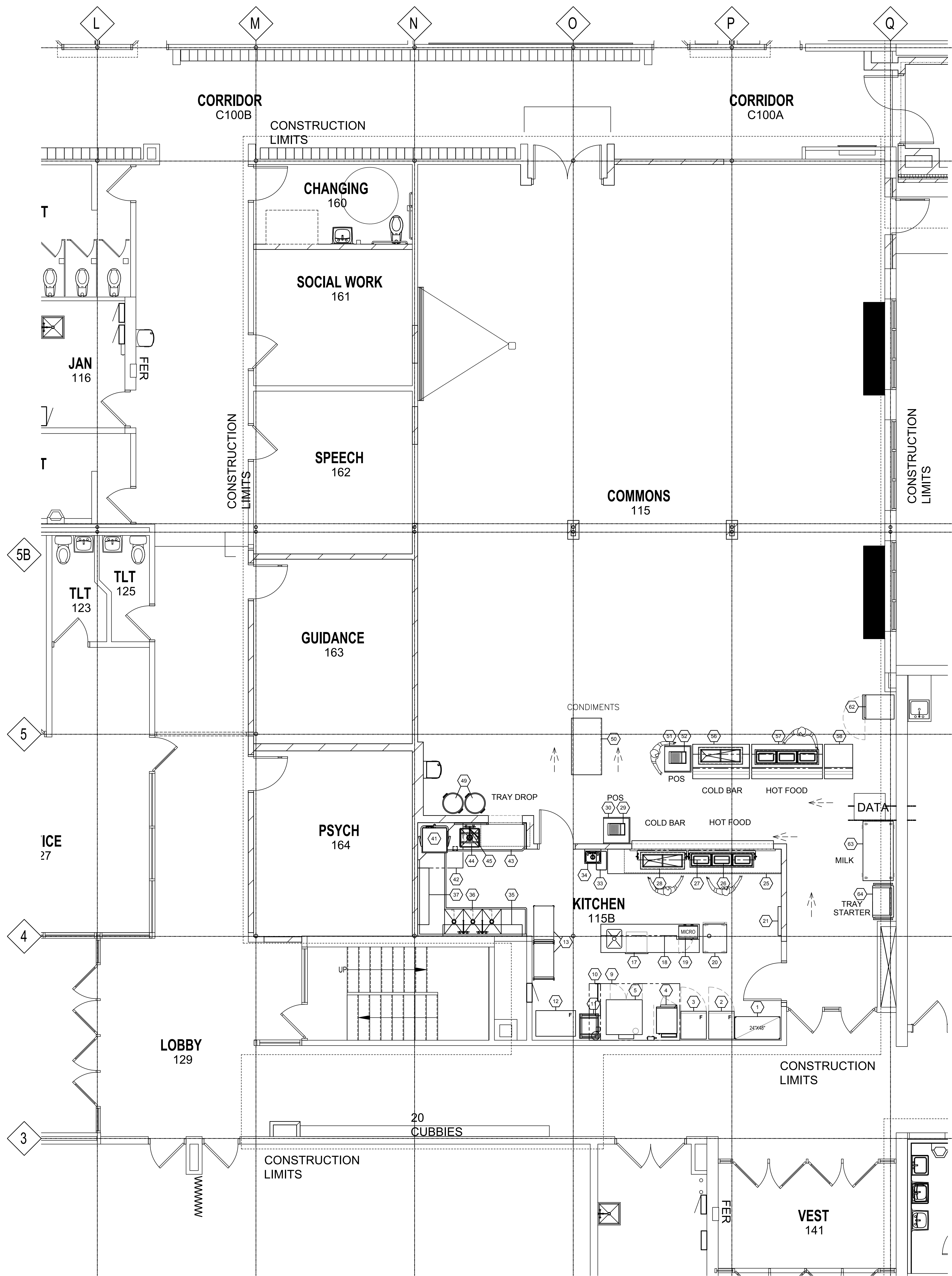
D4 LIBRARY SHELF UNIT  
3/4" = 1'-0"



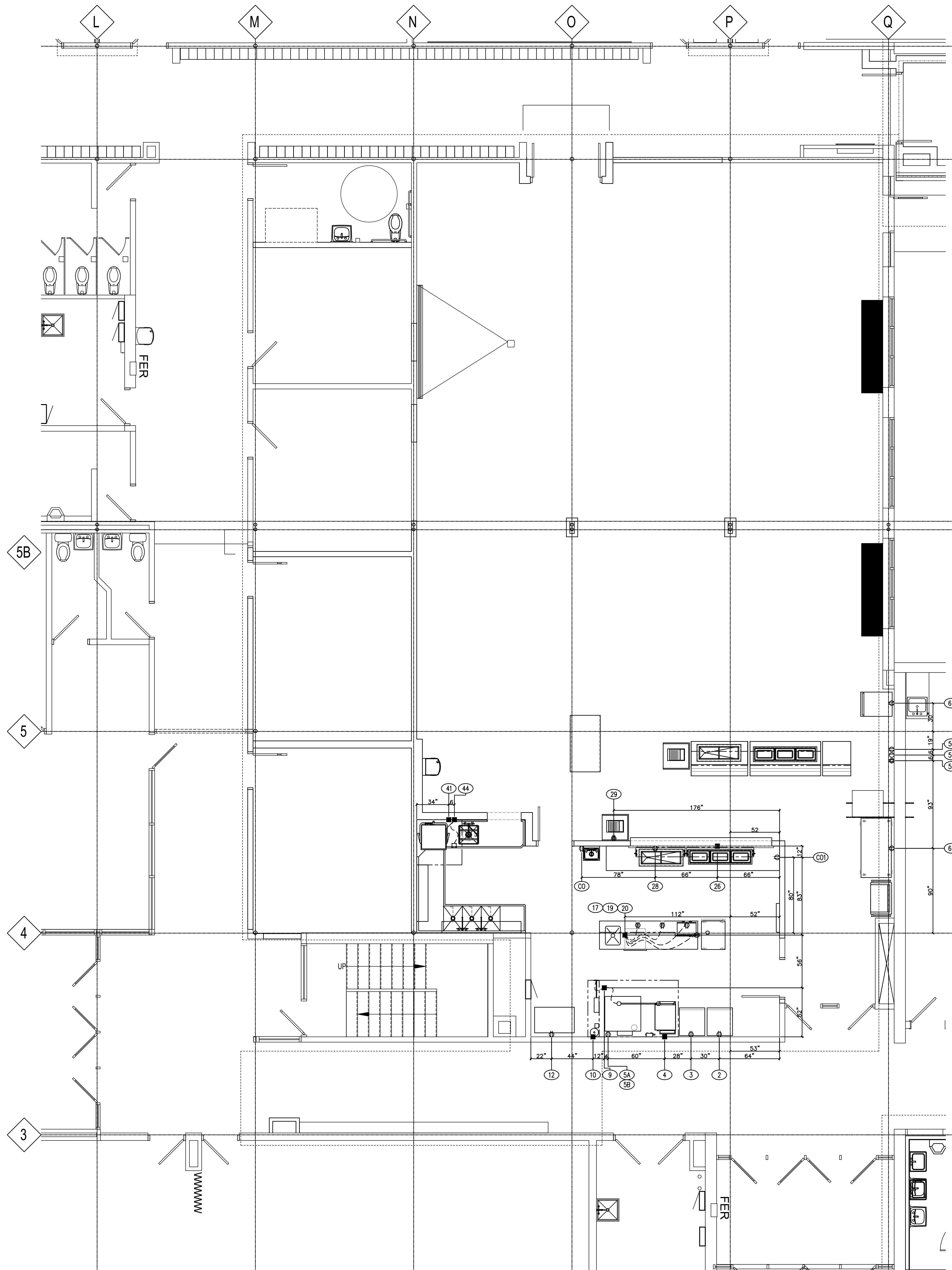
E4 WINDOW SURROUND WITH SEAT  
3/4" = 1'-0"







Item	Description
1	STORAGE SHELVING
2	REACH-IN FREEZER (EXISTING)
3	REACH-IN FREEZER (EXISTING)
4	CONVECTION STEAMER
5	DOUBLE DECK CONVECTION OVEN
6	SPARE NUMBER
7	SPARE NUMBER
8	SPARE NUMBER
9	EXHAUST HOOD
10	FIRE SUPPRESSION SYSTEM
11	PAN RACK
12	CHEST FREEZER (EXISTING)
13	UTILITY CARTS (EXISTING)
14	SPARE NUMBER
15	SPARE NUMBER
16	SPARE NUMBER
17	WORK TABLE W/ SINK
18	OVERSHELF
19	MICROWAVE OVEN (EXISTING)
20	HEATED HOLDING CABINET (EXISTING)
21	COFF RACK (BY OTHERS)
22	SPARE NUMBER
23	SPARE NUMBER
24	SPARE NUMBER
25	SCALING COUNTER
26	DROP-IN HOT WELLS
27	BREATH GUARD
28	DROP-IN COLD PAN
29	POS SYSTEM (BY OTHERS)
30	POS STATION (EXISTING)
31	SPARE NUMBER
32	SPARE NUMBER
33	WASTE CONTAINER (BY OTHERS)
34	HAND SINK
35	WALL SHELF
36	CLEAN DISHABLE W/ POT SINKS
37	WALL SHELF
38	SPARE NUMBER
39	SPARE NUMBER
40	SPARE NUMBER
41	DISHMACHINE W/ BOOSTER HEATER
42	CONDENSATE HOOD
43	SOLED DISHABLE W/ SCRAP SINK
44	DISPOSER
45	PRE-RINSE SPRAY
46	SPARE NUMBER
47	SPARE NUMBER
48	SPARE NUMBER
49	WASTE CONTAINERS (BY OTHERS)
50	CONDIMENT COUNTER
51	POS STATION
52	POS SYSTEM (BY OTHERS)
53	SPARE NUMBER
54	SPARE NUMBER
55	SPARE NUMBER
56	COLD FOOD COUNTER
57	HOT FOOD COUNTER
58	UTILITY BASE COUNTER
59	SPARE NUMBER
60	SPARE NUMBER
61	SPARE NUMBER
62	HEATED HOLDING CABINET (EXISTING)
63	MILK COOLER (EXISTING)
64	TRAY STARTER STATION (EXISTING)



Electrical Rough-Ins		
Item	Qty.	Connection(s)
2	1	115V/1 DGR. 18" AFF. FOR REACH-IN FREEZER. 1/2 HP. 3.7 AMPS. NEMA 5-15P. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
3	1	115V/1 DGR. 18" AFF. FOR REACH-IN FREEZER. 1/2 HP. 3.7 AMPS. NEMA 5-15P.
4	1	120V/1 J-BOX 48" AFF. FOR CONVECTION STEAMER. 4.0 AMPS. EC. TO FURNISH AND INSTALL DISCONNECT PER LOCAL CODE(S).
5A	1	115V/1 DGR. 12" AFF. FOR CONVECTION OVEN. 1/2 HP. 6.0 AMPS.
5B	1	115V/1 DGR. 48" AFF. FOR CONVECTION OVEN. 1/2 HP. 6.0 AMPS.
9	1	120V/1 J-BOX FROM ABOVE FOR EXHAUST HOOD LIGHTS. 20.0 AMP CIRCUIT. EC. TO CONNECT HOOD MOUNTED SWITCH(S) FOR EXHAUST HOOD LIGHTS AND FAN(S). FANS, DUCT WORK, INSULATION, ROOF CURBS AND ROOF PENETRATIONS BY OTHERS. EC. TO CONNECT TO FAN HEAT SENSOR AS REQUIRED BY CODE. HVAC DATA ON SEPARATE SHEET. *ALSO REFER TO EXHAUST HOOD SHOP DRAWINGS FOR ADDITIONAL INFORMATION AND WIRING DIAGRAMS.
10	1	120V/1 J-BOX FROM ABOVE FOR FIRE SUPPRESSION SYSTEM. 20.0 AMP CIRCUIT. EC. TO INTERCONNECT WITH MICRO SWITCH AT FIRE SUPPRESSION CABINET AND SHUNT TRIP BREAKERS FOR ALL EQUIPMENT UNDER EXHAUST HOOD. ALL SHUNT TRIP BREAKERS AND RELATED WIRING TO BE FURNISHED AND INSTALLED BY EC.
12	1	120V/1 DGR. 18" AFF. FOR CHEST FREEZER. 4.0 AMPS. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
17	1	J-BOX STUB-UP 6" AFF. EC. TO CONNECT TO: (ITEM #17) - (2) 120V/1 GFCL DDGRS. FOR CONVENIENCE OUTLETS. 20.0 AMP CIRCUIT EACH. (ITEM #19) - 120V/1 DGR. FOR MICROWAVE OVEN. 12.0 AMPS. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS. (ITEM #20) - 120V/1 DGR. FOR HEATED HOLDING CABINET. 2.0 KW. 16.7 AMPS. NEMA 5-20P. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS. EC. TO FURNISH AND INSTALL ALL OUTLETS AS REQUIRED FOR CONNECTIONS TO EQUIPMENT. EC. SHALL PROVIDE ALL INTERWIRING & FINAL CONNECTIONS.
20	1	208V/1 J-BOX 18" AFF. FOR DROP-IN HOT WELLS. 16.0 AMPS. EC. TO FURNISH AND INSTALL DISCONNECT PER LOCAL CODE(S).
26	1	115V/1 DGR. 18" AFF. FOR DROP-IN COLD PAN. 1/6 HP. 2.0 AMPS. NEMA 5-15P.
28	1	120V/1 DDGR. 18" AFF. FOR POS SYSTEM. 12.0 AMPS. NEMA 5-15P. PROVIDE BOX FOR POS AND DATA LINES.
29	1	BY OTHERS - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
41	1	208V/3 J-BOX 18" AFF. FOR DISHMACHINE W/ BOOSTER HEATER. 2.0 HP. 48.0 AMPS. 60.0 AMP CIRCUIT. EC. TO FURNISH AND INSTALL DISCONNECT PER CODE REQUIREMENTS. EC. TO INTERWIRE FROM VENT FAN CONTROL CONNECTION AND DISHMACHINE TO EXHAUST FAN ON HOOD. FAN(S), DUCTWORK, ETC. PROVIDED BY OTHERS - EC. TO VERIFY EXACT REQUIREMENTS.
44	1	208V/3 J-BOX 18" AFF. FOR DISPOSER. 2.0 HP. 6.6 AMPS. EC. TO FURNISH AND INSTALL DISCONNECT PER LOCAL CODE(S). EC. TO CONNECT DISPOSER, SOLENOID VALVE AND SWITCH.
52	1	120V/1 DDGR. 18" AFF. FOR POS SYSTEM. 12.0 AMPS. NEMA 5-15P. PROVIDE BOX FOR POS AND DATA LINES. BY OTHERS - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
56	1	120V/1 DGR. 18" AFF. FOR COLD FOOD COUNTER. 1/6 HP. 2.0 AMPS. NEMA 5-15P.
57	1	208V/1 SGR. 18" AFF. FOR HOT FOOD COUNTER. 16.0 AMPS.
62	1	120V/1 DGR. 18" AFF. FOR HEATED HOLDING CABINET. 1.92 KW. 16.0 AMPS. NEMA 5-20P.
63	1	120V/1 DGR. 18" AFF. FOR MILK COOLER. 4.0 AMPS. NEMA 5-15P. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.
CO	1	120V/1 GFCL DGR. 18" AFF. FOR CONVENIENCE OUTLET. 20.0 AMP CIRCUIT EACH.
CO1	1	120V/1 GFCL DGR. 48" AFF. FOR CONVENIENCE OUTLET. 20.0 AMP CIRCUIT EACH.

**ELECTRICAL NOTES:**

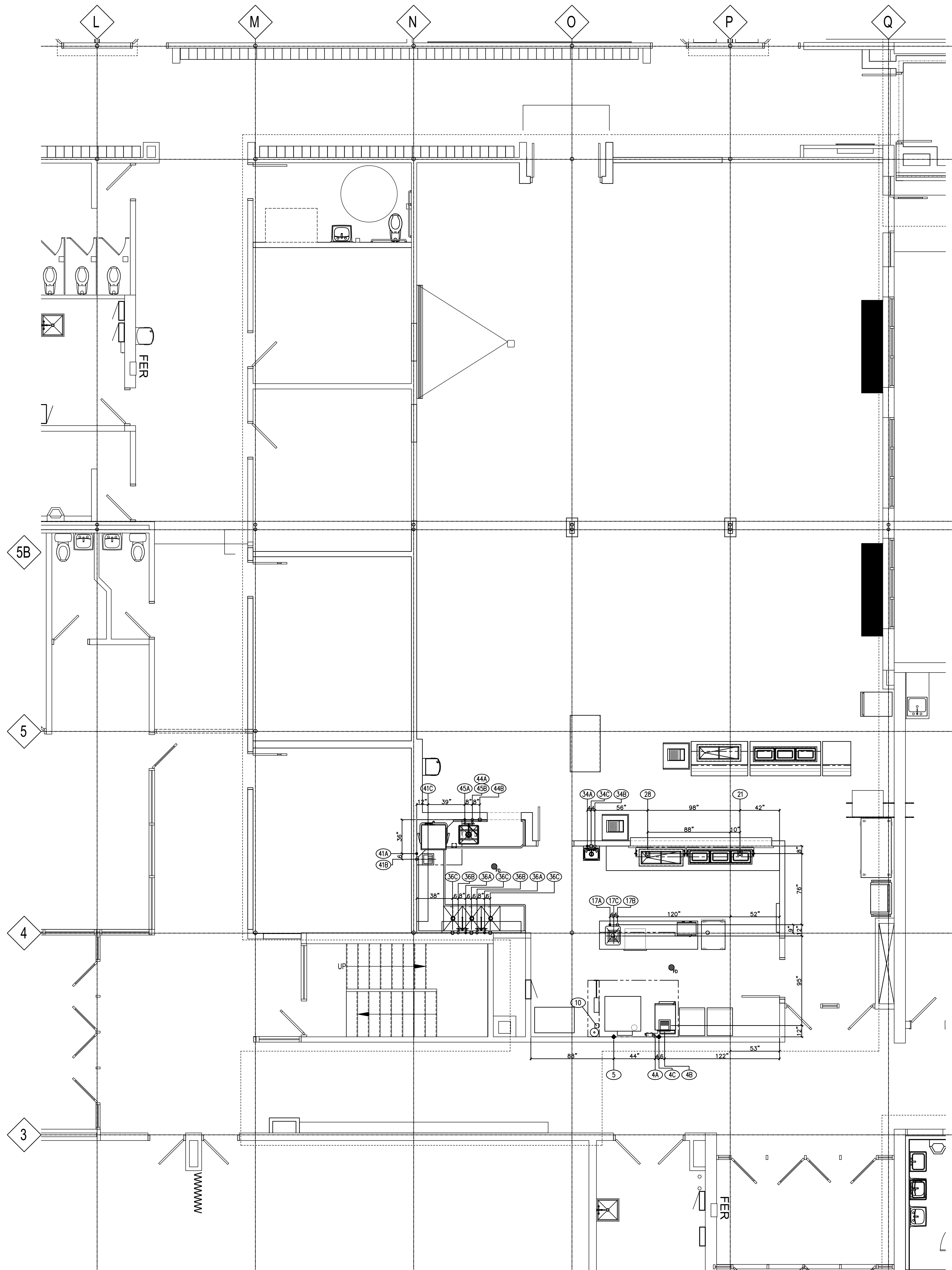
EC. TO COMPLY WITH ALL LOCAL AND STATE ELECTRICAL CODES.  
EC. TO READ AND REVIEW 11400 SPECIFICATIONS.

**ELECTRICAL CONTRACTORS NOTES**

- E1. THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOOD SERVICE EQUIPMENT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR FOR ALL OTHER REQUIREMENTS, REFER TO ARCHITECTS PLANS.
- E2. ELECTRICAL CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR EXISTING EQUIPMENT TO BE REUSED OR ITEMS LABELED BY OTHERS.
- E3. THE FOODSERVICE CONTRACTOR WILL NOT BE RESPONSIBLE FOR FURNISHING ELECTRICAL APPURTENANCES SUCH AS LINE OR DISCONNECT SWITCHES, SAFETY COORDINATE CONTROL PANELS, FUSE BOXES, FITTINGS AND INTERWIRING REQUIRED BETWEEN EQUIPMENT AND CONTROL PANELS UNLESS SPECIFIED IN FOODSERVICE EQUIPMENT CONTRACT.
- E4. UNLESS OTHERWISE SPECIFIED, THE ELECTRICIAN IS TO FURNISH ALL JOB WELD JOBS, PULS AND RECEPTACLES WHERE NECESSARY. (E.G. TO FURNISH ALL LIGHT BULBS REQUIRED FOR EXHAUST HOODS) AND/OR WALK-IN COOLERS AND FREEZERS UNLESS OTHERWISE SPECIFIED.
- E5. ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL ALL CONDUIT, WIRING, BOXES, SWITCHES, FACERPLATES, BRACKETS, ETC. TO COMPLETE INSTALLATION. ELECTRICAL CONTRACTOR SHALL ALSO MAKE ALL FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT INCLUDING ALL INTERWIRING REQUIRED FOR WALK-IN COOLERS AND FREEZERS AND THEIR COMPRESSORS, BLOWER FANS, TIMERS, HEATERS AND LIGHTING.
- E6. ELECTRICIAN IS TO DO ALL INTERWIRING FOR EXHAUST HOOD LIGHTING, BLOWERS, DAMPERS, AND FIRE SUPPRESSION SYSTEM, INCLUDING THE SUPPLY AND INSTALLATION OF A SHUNT/TRIP BREAKER FOR EQUIPMENT AND FAN INTERLOCK MECHANISM.
- E7. ALL ELECTRICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
- E8. ALL ELECTRICAL CONDUIT IS TO BE RUN WITHIN WALL SURFACES AND BOXES AND RECEPTACLES ARE TO BE INST. FLUSH WITH WALL SURFACE. SURFACE MOUNTED ELECTRICAL WORK IS NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLAN.
- E9. EQUIPMENT MANUFACTURERS SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY FOODSERVICE EQUIPMENT CONTRACTOR WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.
- E10. DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGH-INS.
- E11. ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL DISCONNECT SWITCHES AS REQUIRED BY LOCAL CODE.
- E12. ELECTRICAL CONTRACTOR TO SEAL INSIDE OF CONDUIT W/ SILICONE OR EQUIVALENT FROM WHERE CONDUIT PENETRATES WALK-IN COOLER/FREEZER WALLS. TYPICAL.

**ELECTRICAL SYMBOLS**

⊕	SGR.	SINGLE GROUNDED RECEPTACLE
⊕	DGR.	DUPLEX GROUNDED RECEPTACLE
⊕	DDGR.	DEDICATED DUPLEX GROUNDED RECEPTACLE
⊕	CO.	CONVENIENCE OUTLET
⊕	SPO.	SPECIAL PURPOSE OUTLET
⊕	DR.	DIRECT WIRED CONNECTION
⊕	ECS.	ELECTRICAL CONDUIT STUB UP
⊕	JB.	JUNCTION BOX
⊕	SW.	SWITCH
⊕	TEL.	TELEPHONE
⊕	GFCL.	GROUND FAULT CIRCUIT INTERRUPT
⊕	KW.	KILOWATTS
⊕	V.	VOLT
⊕	HP.	HORSEPOWER
⊕	AF.	ABOVE FINISHED FLOOR
⊕	WFA.	WIRED FROM ABOVE



Plumbing/Gas Rough-Ins		
Item	Qty.	Connection(s)
4	1	CONNECTIONS FOR CONNECTION STEAMER: A - 1/2" CW, 60" AFF. PC. TO BRANCH FROM WATER FILTER TO (2) 3/4" CW CONNECTIONS ON UNIT. B - 1-1/2" DRAIN TO FLOOR SINK. PVC PIPING NOT RECOMMENDED. C - 1/2" GAS SUPPLY 48" AFF. 32,000 BTU. FSEC. TO FURNISH GAS HOSE WITH QUICK DISCONNECT AND RESTRAINING CABLE TO PC. FOR INSTALLATION.
5	1	3/4" MANIFOLDED GAS SUPPLY 24" AFF. FOR DOUBLE DECK CONNECTION OVEN. 100,000 TOTAL BTU. FSEC. TO FURNISH MECHANICAL GAS SHUT-OFF VALVE FOR FIRE SUPPRESSION SYSTEM TO PC. FOR INSTALLATION. PC. TO COORDINATE VALVE SIZING WITH FSEC. MOUNT IN ACCESSIBLE AND RESETTABLE LOCATION ABOVE CEILING.
10	1	CONNECTIONS FOR WORK TABLE W/ SINK: A - 1/2" HW, STUB-UP 8" AFF. B - 1/2" CW, STUB-UP 8" AFF. C - 2" DRAIN TO FLOOR SINK.
17	1	CONNECTIONS FOR DROP-IN HOT WELLS: (3) 1/2" DRAINS TO HUB DRAIN STUB-UP 6" AFF. 1" DRAIN TO HUB DRAIN STUB-UP 6" AFF.
21	1	CONNECTIONS FOR HAND SINK: A - 1/2" HW, 22" AFF. B - 1/2" CW, 22" AFF. C - 1-1/2" DW, 20" AFF.
28	1	CONNECTIONS FOR CLEAN DISHABLE W/ POT SINKS: A - (2) 1/2" HW, 14" AFF. B - (2) 1/2" CW, 14" AFF. C - (3) 2" DW, 12" AFF. DRAIN TO GREASE TRAP PER CODE REQUIREMENTS. BOWL SIZE: (3) 20"x26-1/2"x14" DEEP.
34	1	CONNECTIONS FOR DISHWASHER W/ BOOSTER HEATER: A - 3/4" 110V MIN. HW, 12" AFF. B - 1/2" CW, 12" AFF. FOR DRAIN WATER TEMPERING KIT. C - 1-1/2" DRAIN TO FLOOR SINK. EXTEND 24" DOWN BEFORE TRAPPING. DRAIN TO GREASE TRAP PER CODE REQUIREMENTS. DO NOT USE PVC. MACHINE RATING DATA: 60 RACKS PER HOUR, WASH TANK CAPACITY - 10 GALLONS. REFER TO SPEC BOOK FOR ADDITIONAL WATER USAGE DATA.
36	1	CONNECTIONS FOR DISPOSER: A - 1/2" CW TO BRANCH FROM PRE-RINSE SPRAY, ITEM #45B. B - 2" DW, 8" AFF. PC. TO CONNECT DISPOSER, SOLENOID VALVE, FLOW CONTROL VALVE AND VACUUM BREAKER.
41	1	CONNECTIONS FOR PRE-RINSE SPRAY: A - 1/2" HW, 14" AFF. B - 3/4" CW, 14" AFF. PC. TO BRANCH 1/2" TO DISPOSER, ITEM #44A.
44	1	
45	1	

**PLUMBING NOTES:**  
PC. TO COMPLY WITH ALL LOCAL AND STATE PLUMBING CODES.  
PC. TO READ AND REVIEW 11400 SPECIFICATIONS.

**FLOOR DRAIN NOTE:**  
EXACT LOCATION OF ALL FLOOR DRAINS TO BE LOCATED BY PC.

**BACKFLOW PREVENTOR NOTE:**  
PC. TO FURNISH AND INSTALL ANY AND ALL CODE COMPLYING BACKFLOW PREVENTORS PER LOCAL CODES.

PLUMBING SYMBOLS	
●	HW. HOT WATER LINE STUB
○	CW. COLD WATER LINE STUB
○	DW. DIRECT WASTE CONNECTION
⊕	FD. FLUSH FLOOR DRAIN AND GRATE
⊕	IND. INDIRECT WASTE DRAIN
⊕	FS. 12" SQUARE FLOOR SINK
◆	GAS GAS SUPPLY LINE STUB
◆	SS. STEAM SUPPLY
◆	CR. CONDENSATE RETURN
◆	AFF. ABOVE FINISHED FLOOR
◆	DFA. DOWN FROM ABOVE

**PLUMBER/FITTERS NOTES**

**P1** THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOOD SERVICE EQUIPMENT TO BE FURNISHED BY FOODSERVICE EQUIPMENT CONTRACTOR. FOR ALL OTHER REQUIREMENTS, REFER TO ARCHITECT'S PLANS, CONSULTANT, OR OWNER.

**P2** PLUMBER/FITTER CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR ALL EQUIPMENT TO BE PROVIDED BY FOODSERVICE EQUIPMENT CONTRACTOR OR OWNER.

**P3** FOOD SERVICE EQUIPMENT CONTRACTOR WILL NOT BE RESPONSIBLE FOR PROVIDING APPOINTMENTS SUCH AS TESTS, ELBOWS, MENDING VALVES, R.F. VALVES, GREASE TRAPS OR INTERFERS, BACKFLOW DEVICES, COUPLERS AND FITTINGS OTHER THAN THOSE FURNISHED AS STANDARD WITH EQUIPMENT TO BE FURNISHED BY THE INSTALL CONTRACTOR. EXCEPT WHERE SPECIFIED TO DO SO UNDER THE ARCHITECT'S OR CONSULTANT'S GENERAL KITCHEN EQUIPMENT SPECIFICATIONS.

**P4** UNLESS OTHERWISE SPECIFIED, THE PLUMBER IS TO FURNISH AND INSTALL ALL NECESSARY P.V.C. PIPING OF MIN. 1/2" THROUGH AND BELOW FLOOR TO ACT AS A CHASE FOR BEVERAGE AND/OR REFRIGERATION LINE RACK. BESS IN P.V.C. CHASE ARE NOT TO EXCEED 45 DEGREES AT ANY SINGLE POINT.

**P5** PLUMBER/FITTER TO MAKE ALL FINAL PLUMBING AND GAS CONNECTIONS TO ALL EQUIPMENT, INCLUDING MENDING FAUCETS AND DRAINS. EXTEND WASTE LINES FROM ALL APPLICABLE EQUIPMENT TO NEAREST INDIRECT DRAIN OR SINK ON PLAN.

**P6** ALL MECHANICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.

**P7** ALL PLUMBING, GAS AND STEAM LINES TO BE RUN WITH WALL CHASES OR AS TO HAVE ONLY SUPPLY AND RETURN STUBS PROTRUDING THROUGH WALL SURFACE. WALL PENETRATIONS ARE TO BE SEALED AND TRIM PRIME APPLIED. SURFACE MOUNTED PLUMBING, GAS AND STEAM LINES ARE NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLANS.

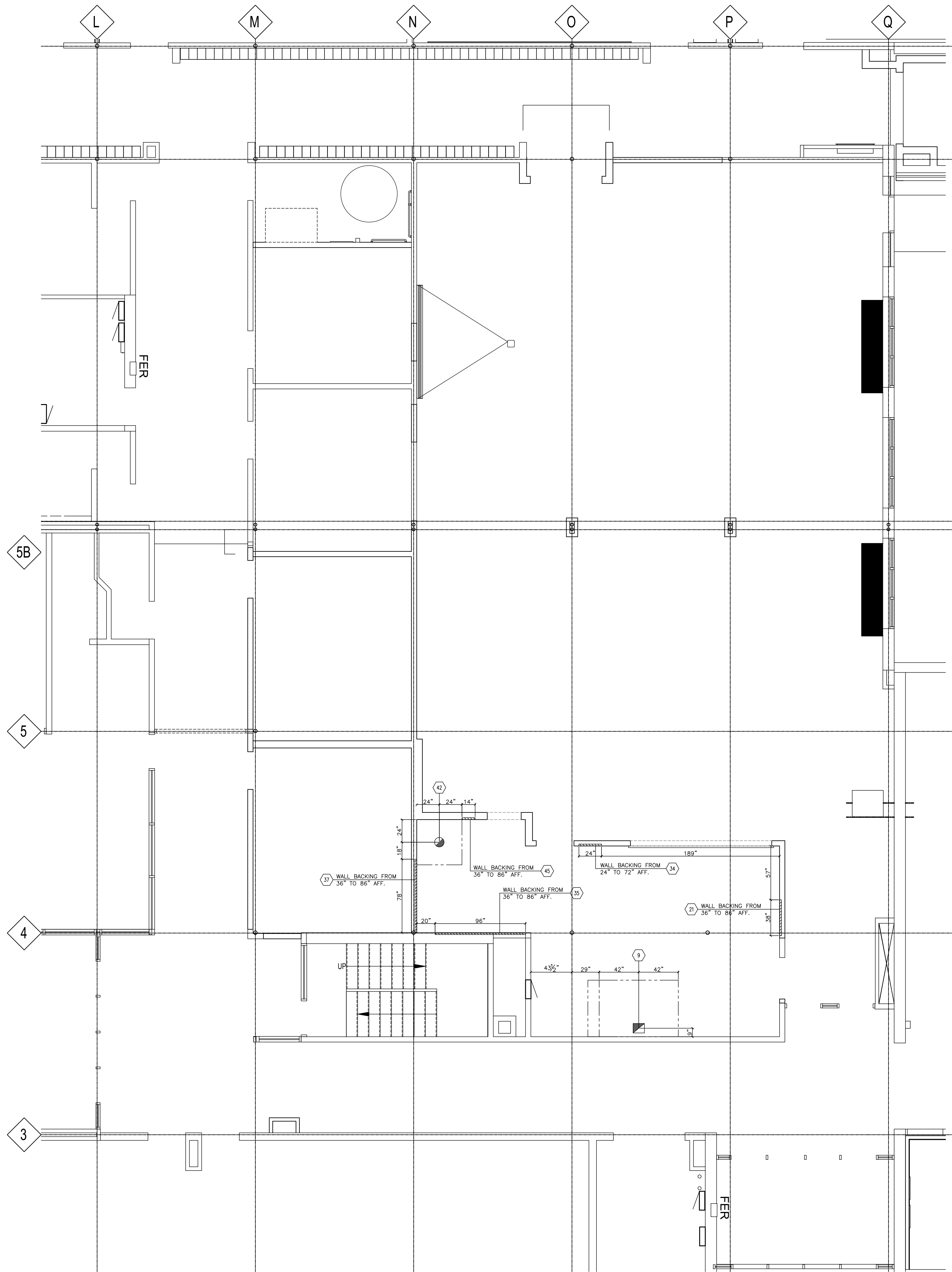
**P8** EQUIPMENT MANUFACTURER'S SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY FOODSERVICE EQUIPMENT CONTRACTOR WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.

**P9** DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGH-INS.

**P10** P.C. TO FURNISH AND INSTALL GAS PRESSURE REDUCING VALVE TO PROVIDE MAXIMUM OPERATING PRESSURE OF 14" W.G. TO FOODSERVICE EQUIPMENT. GAS SHUT OFF VALVE MUST BE INSTALLED TO BE ACCESSIBLE FOR INSPECTIONS.

**P11** P.C. TO FURNISH AND INSTALL WATER PRESSURE REDUCING VALVES WHERE REQUIRED FOR FOOD SERVICE EQUIPMENT.

**P12** P.C. TO FURNISH AND INSTALL HOT WATER RECIRCULATION SYSTEM THAT SHALL PROVIDE HOT WATER SUPPLY WITHIN 20 SECONDS AT EACH SINK AND DISHWASHER.



**WALL BACKING INFORMATION**  
 WALL BACKING MATERIAL IN WALLS WITH EXHAUST HOODS TO BE GALVANIZED STEEL. ALL OTHER WALL BACKING TO BE 3/4" PLYWOOD. ALL WALL BACKING TO BE PROVIDED AND INSTALLED BY GENERAL CONTRACTOR. WALL BACKING TO BE INSTALLED IN STUD WALLS ONLY. WALL BACKING TO BE INSTALLED BEHIND FACE OF METAL STUDS.

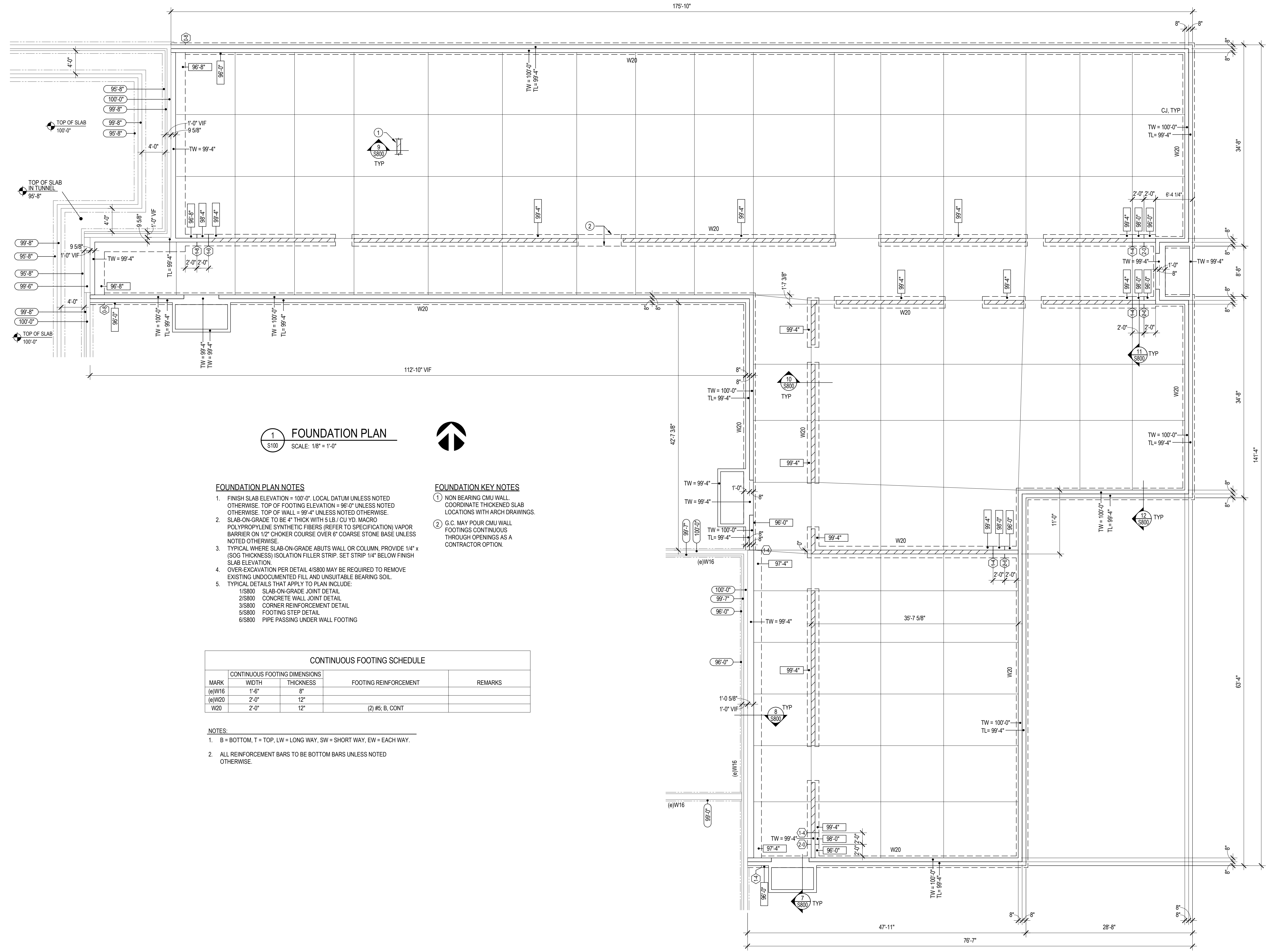
EXHAUST HOOD INFORMATION				
HOOD NO.	PLENUM	DUCT SIZE	C.F.M.	S.P.
9	EXHAUST	10" X 12"	1350	-0.542"
42	EXHAUST	10" DIA.	600	-0.090"

HOOD PROVIDED BY FSEC.  
 FANS, CURBS, ETC. PROVIDED BY OTHERS

Equipment List	
Item	Description
1	STORAGE SHELVING
2	REACH-IN FREEZER (EXISTING)
3	REACH-IN FREEZER
4	CONVECTION STEAMER
5	DOUBLE DECK CONVECTION OVEN
6	SPARE NUMBER
7	SPARE NUMBER
8	SPARE NUMBER
9	EXHAUST HOOD
10	FIRE SUPPRESSION SYSTEM
11	PAN RACK
12	CHEST FREEZER (EXISTING)
13	UTILITY CARTS (EXISTING)
14	SPARE NUMBER
15	SPARE NUMBER
16	SPARE NUMBER
17	WORK TABLE W/ SINK
18	OVERSHELF
19	MICROWAVE OVEN (EXISTING)
20	HEATED HOLDING CABINET (EXISTING)
21	SOFT RACK (BY OTHERS)
22	SPARE NUMBER
23	SPARE NUMBER
24	SPARE NUMBER
25	SCALING COUNTER
26	DROP-IN HOT WELLS
27	BREATH GUARD
28	DROP-IN COLD PAN
29	POS SYSTEM (BY OTHERS)
30	POS STATION (EXISTING)
31	SPARE NUMBER
32	SPARE NUMBER
33	WASTE CONTAINER (BY OTHERS)
34	HAND SINK
35	WALL SHELF
36	CLEAN DISHTABLE W/ POT SINKS
37	WALL SHELF
38	SPARE NUMBER
39	SPARE NUMBER
40	SPARE NUMBER
41	DISHMACHINE W/ BOOSTER HEATER
42	CONDENSATE HOOD
43	SOLED DISHTABLE W/ SCRAP SINK
44	DISPOSER
45	PRK-RINSE SPRAY
46	SPARE NUMBER
47	SPARE NUMBER
48	SPARE NUMBER
49	WASTE CONTAINERS (BY OTHERS)
50	CONDIMENT COUNTER
51	POS STATION
52	POS SYSTEM (BY OTHERS)
53	SPARE NUMBER
54	SPARE NUMBER
55	SPARE NUMBER
56	COLD FOOD COUNTER
57	HOT FOOD COUNTER
58	UTILITY BASE COUNTER
59	SPARE NUMBER
60	SPARE NUMBER
61	SPARE NUMBER
62	HEATED HOLDING CABINET (EXISTING)
63	MILK COOLER (EXISTING)
64	TRAY STARTER STATION (EXISTING)







1 FOUNDATION PLAN  
S100 SCALE: 1/8" = 1'-0"

- FOUNDATION PLAN NOTES**
- FINISH SLAB ELEVATION = 100'-0". LOCAL DATUM UNLESS NOTED OTHERWISE. TOP OF FOOTING ELEVATION = 96'-0" UNLESS NOTED OTHERWISE. TOP OF WALL = 99'-4" UNLESS NOTED OTHERWISE.
  - SLAB-ON-GRADE TO BE 4" THICK WITH 5 LB / CU YD. MACRO POLYPROPYLENE SYNTHETIC FIBERS (REFER TO SPECIFICATION) VAPOR BARRIER ON 1/2" CHOKER COURSE OVER 6" COARSE STONE BASE UNLESS NOTED OTHERWISE.
  - TYPICAL WHERE SLAB-ON-GRADE ABUTS WALL OR COLUMN, PROVIDE 1/4" x (80G THICKNESS) ISOLATION FILLER STRIP. SET STRIP 1/4" BELOW FINISH SLAB ELEVATION.
  - OVER-EXCAVATION PER DETAIL 4/S800 MAY BE REQUIRED TO REMOVE EXISTING UNDOCUMENTED FILL AND UNSUITABLE BEARING SOIL.
  - TYPICAL DETAILS THAT APPLY TO PLAN INCLUDE:  
1/S800 SLAB-ON-GRADE JOINT DETAIL  
2/S800 CONCRETE WALL JOINT DETAIL  
3/S800 CORNER REINFORCEMENT DETAIL  
5/S800 FOOTING STEP DETAIL  
6/S800 PIPE PASSING UNDER WALL FOOTING

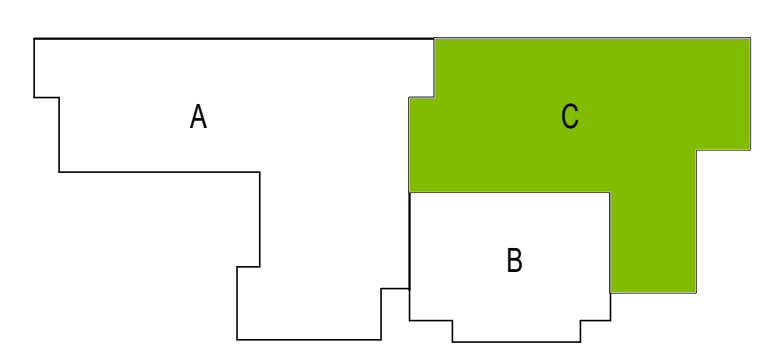
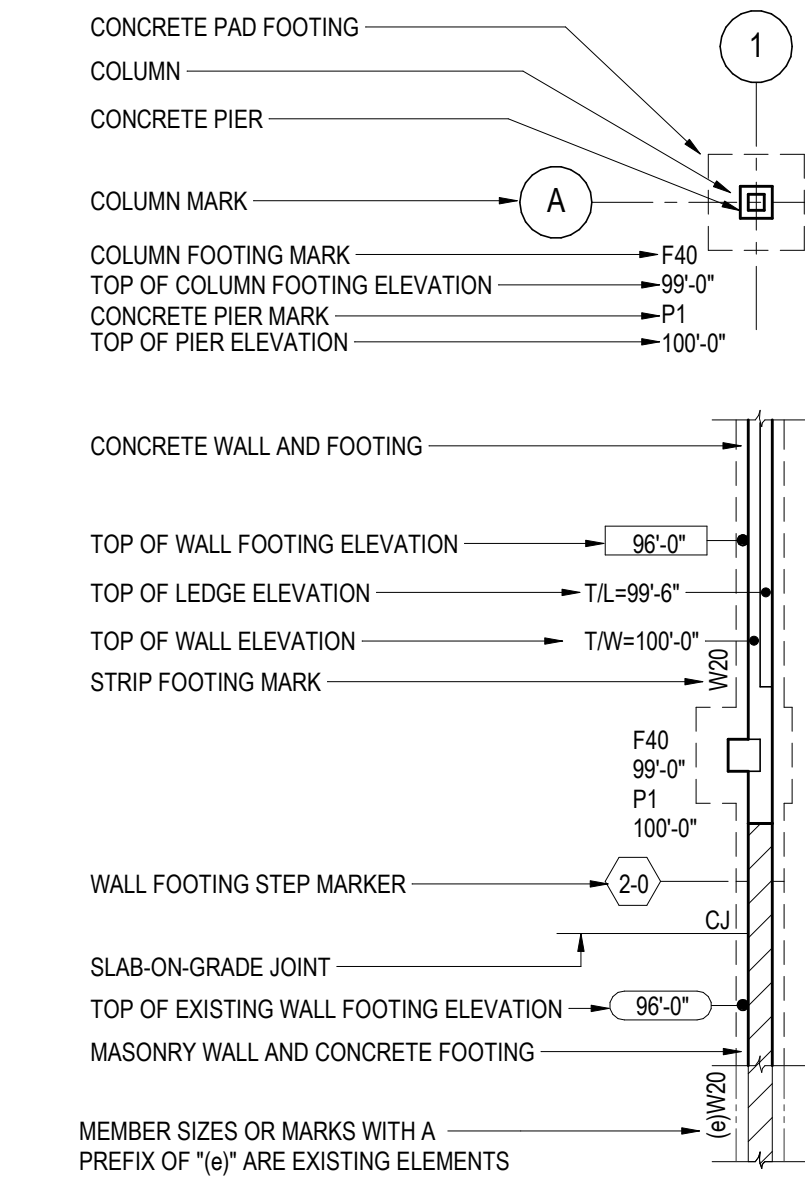
- FOUNDATION KEY NOTES**
- NON BEARING CMU WALL. COORDINATE THICKENED SLAB LOCATIONS WITH ARCH DRAWINGS.
  - G.C. MAY POUR CMU WALL FOOTINGS CONTINUOUS THROUGH OPENINGS AS A CONTRACTOR OPTION.

**CONTINUOUS FOOTING SCHEDULE**

MARK	CONTINUOUS FOOTING DIMENSIONS		FOOTING REINFORCEMENT	REMARKS
	WIDTH	THICKNESS		
(@)W16	1'-4"	6"		
(@)W20	2'-0"	12"		
W20	2'-0"	12"	(2) #5, B, CONT	

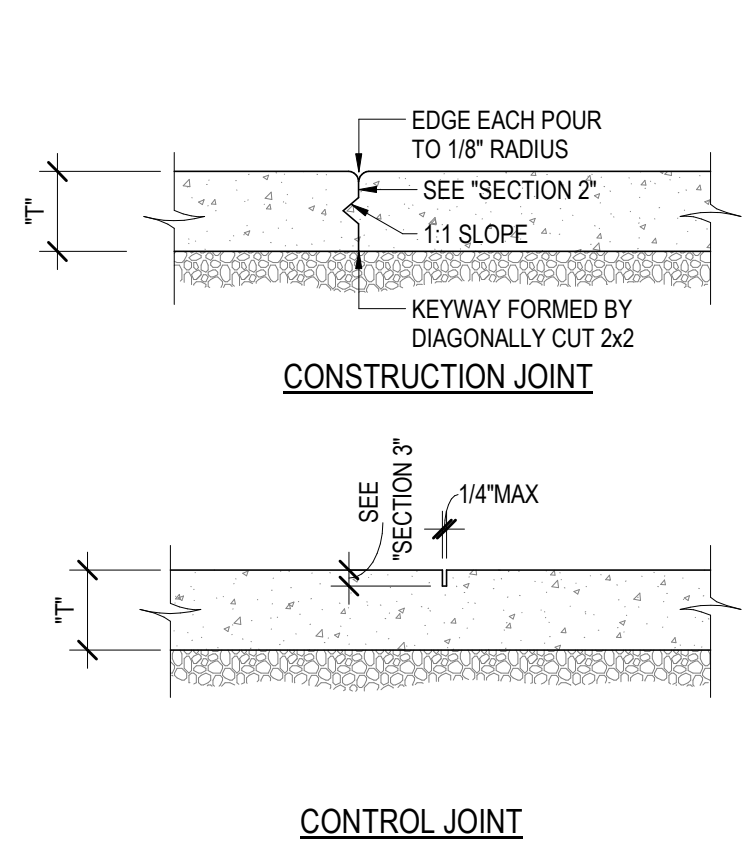
- NOTES**
- B = BOTTOM, T = TOP, LW = LONG WAY, SW = SHORT WAY, EW = EACH WAY.
  - ALL REINFORCEMENT BARS TO BE BOTTOM BARS UNLESS NOTED OTHERWISE.

**FOUNDATION LEGEND**

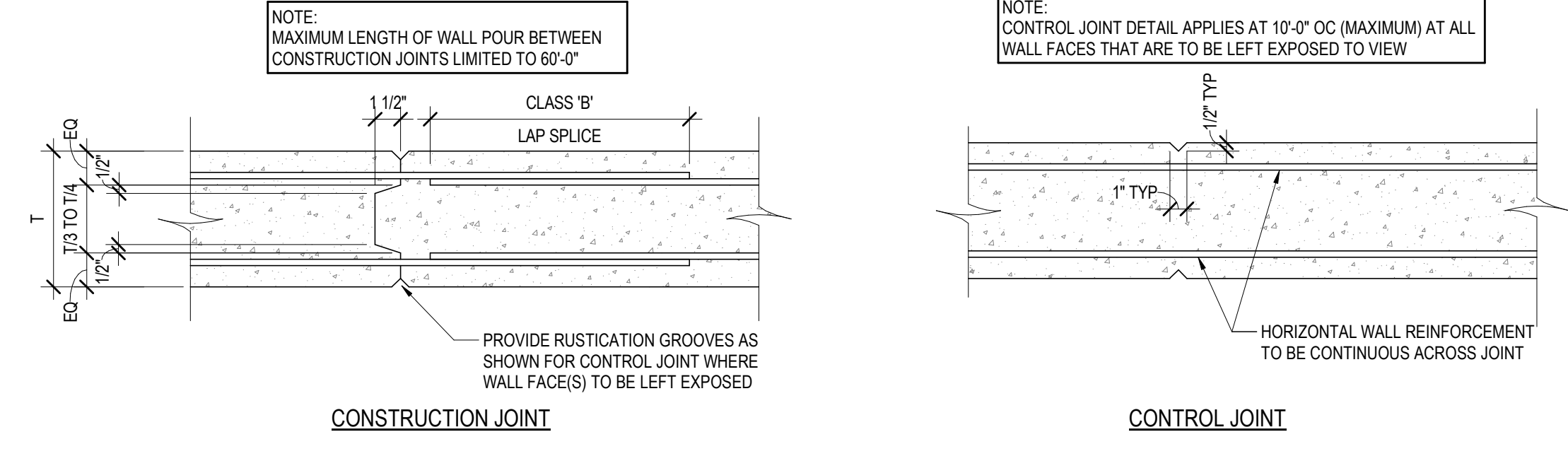


KEY PLAN

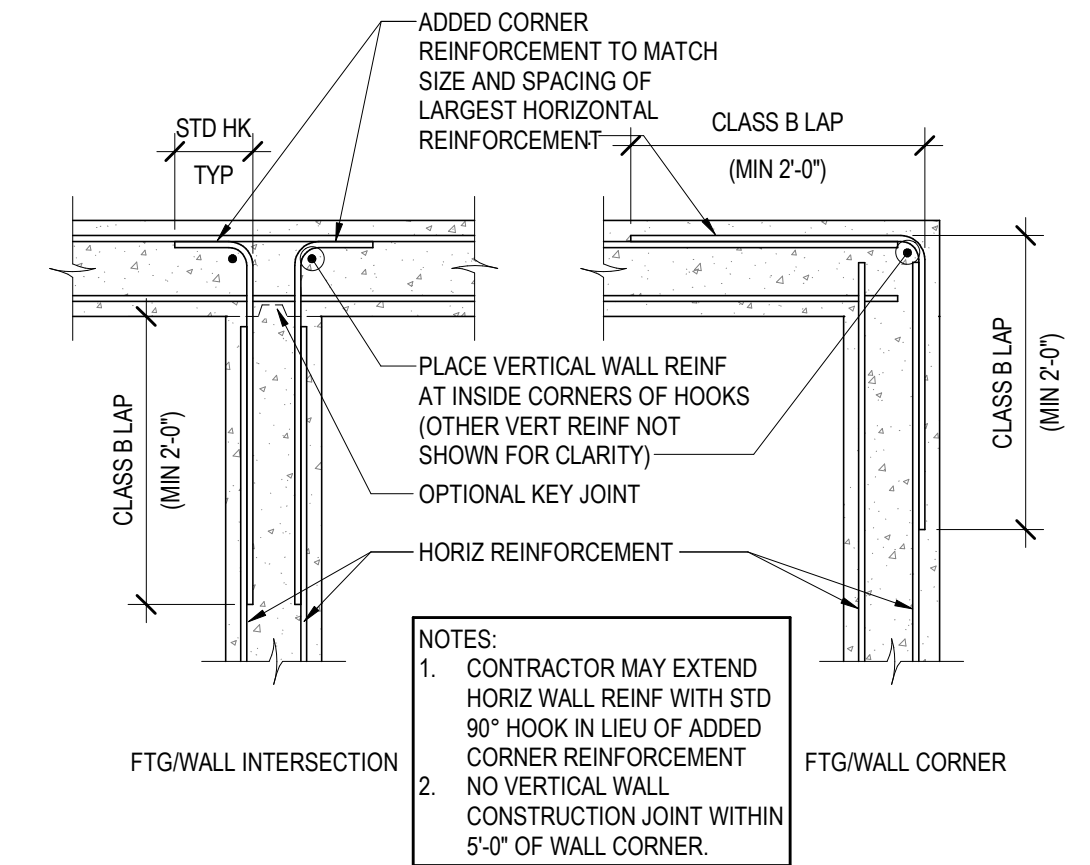




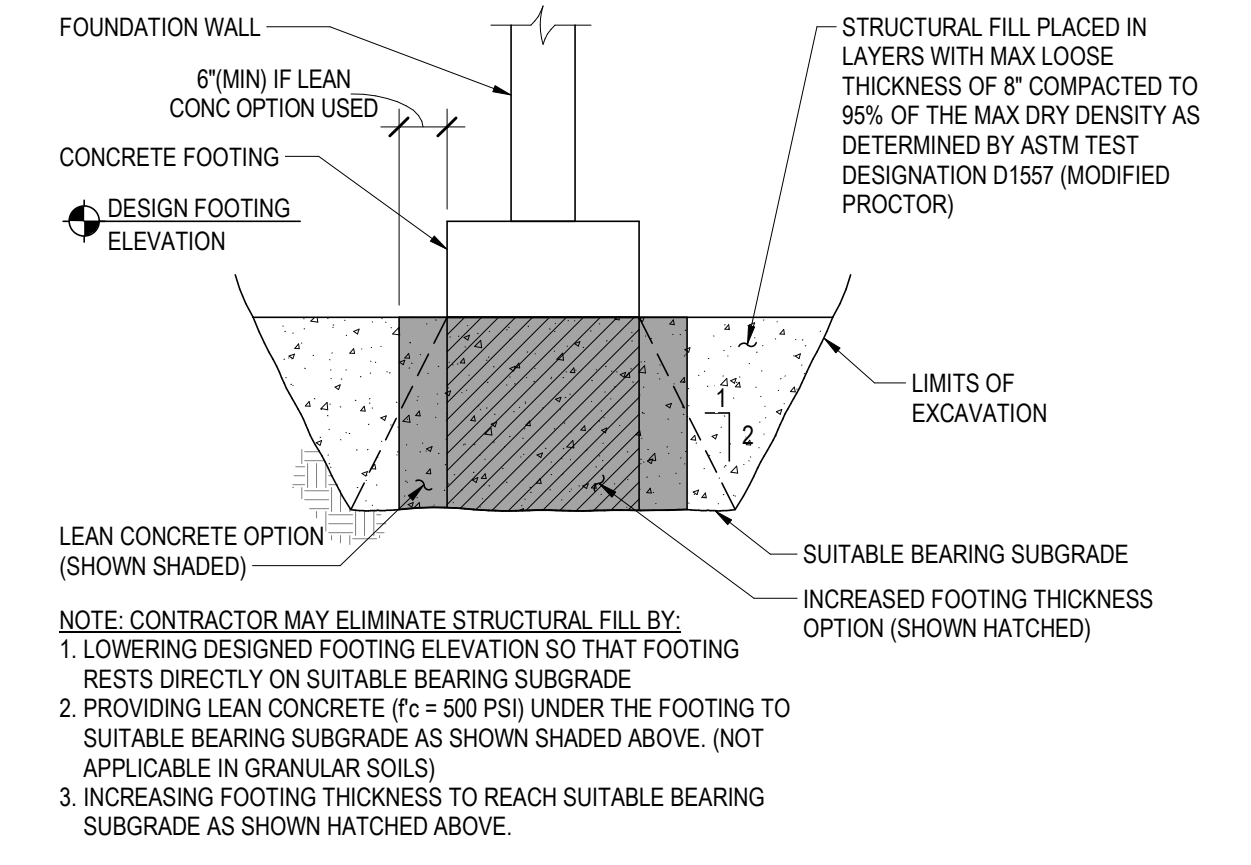
**1 SLAB-ON-GRADE JOINT DETAIL**  
SCALE: 1" = 1'-0"



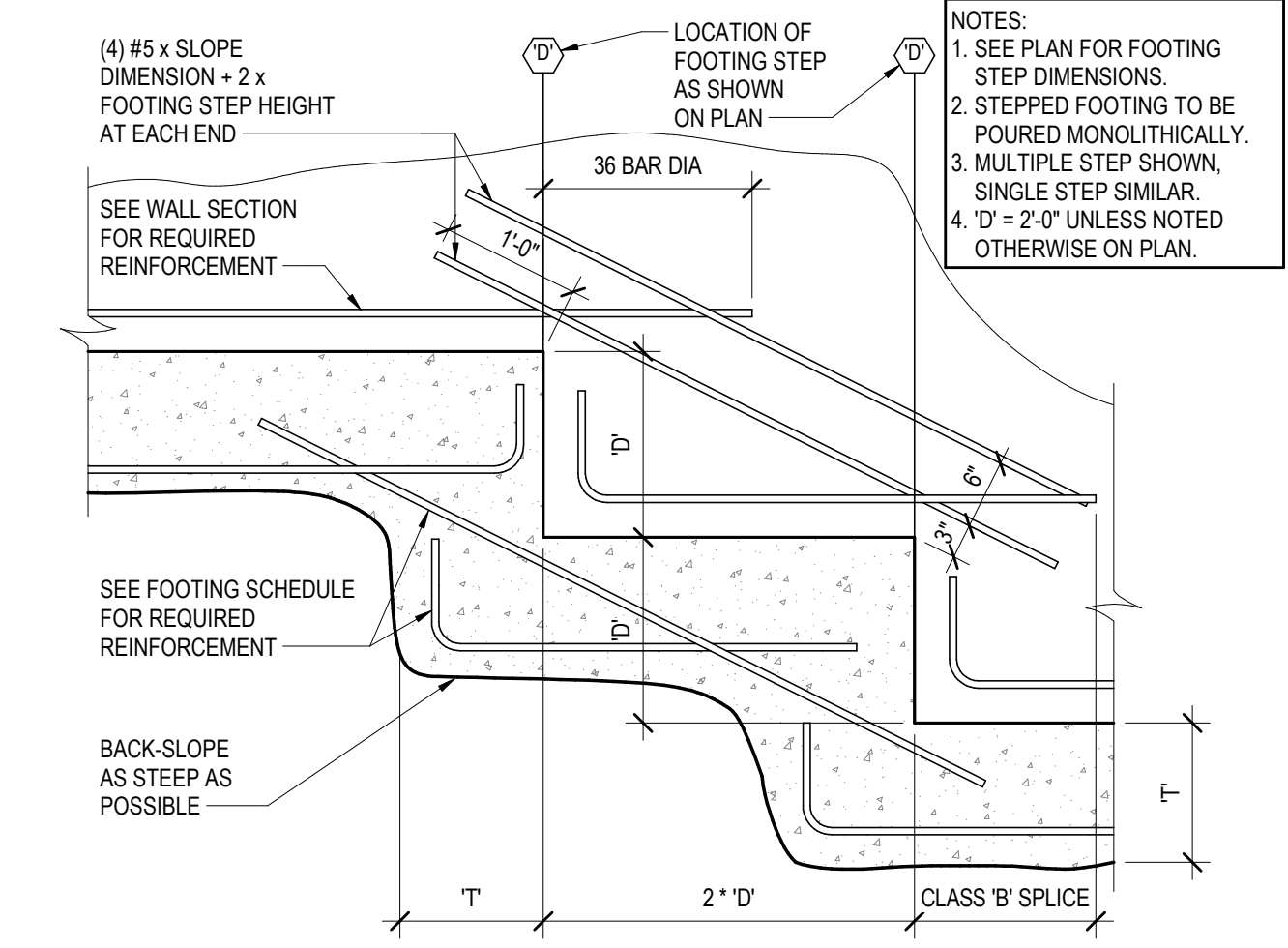
**2 CONCRETE WALL JOINT DETAIL**  
SCALE: 1 1/2" = 1'-0"



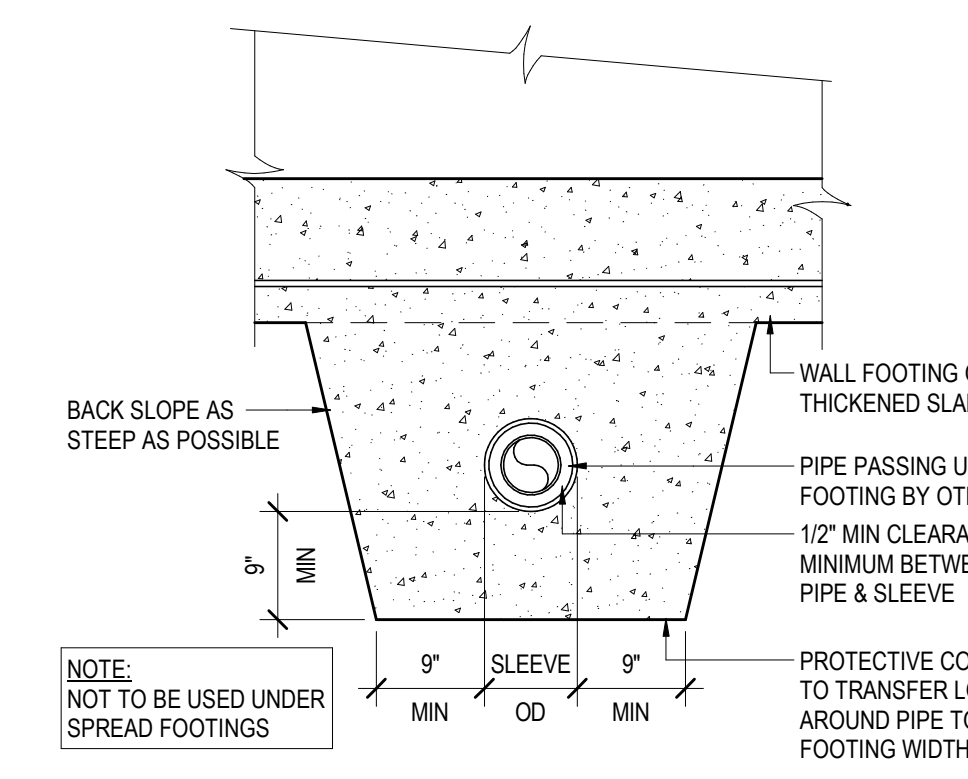
**3 CORNER REINFORCEMENT DETAIL**  
SCALE: 3/4" = 1'-0"



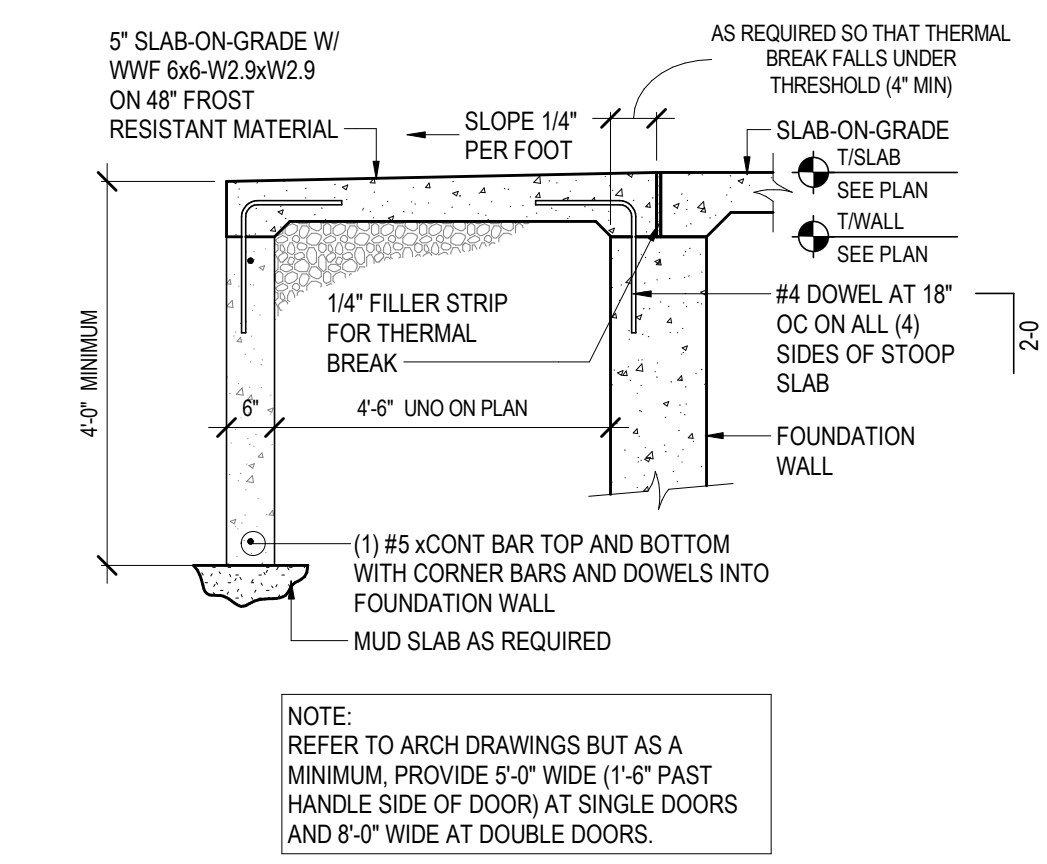
**4 OVER EXCAVATION**  
SCALE: 1/2" = 1'-0"



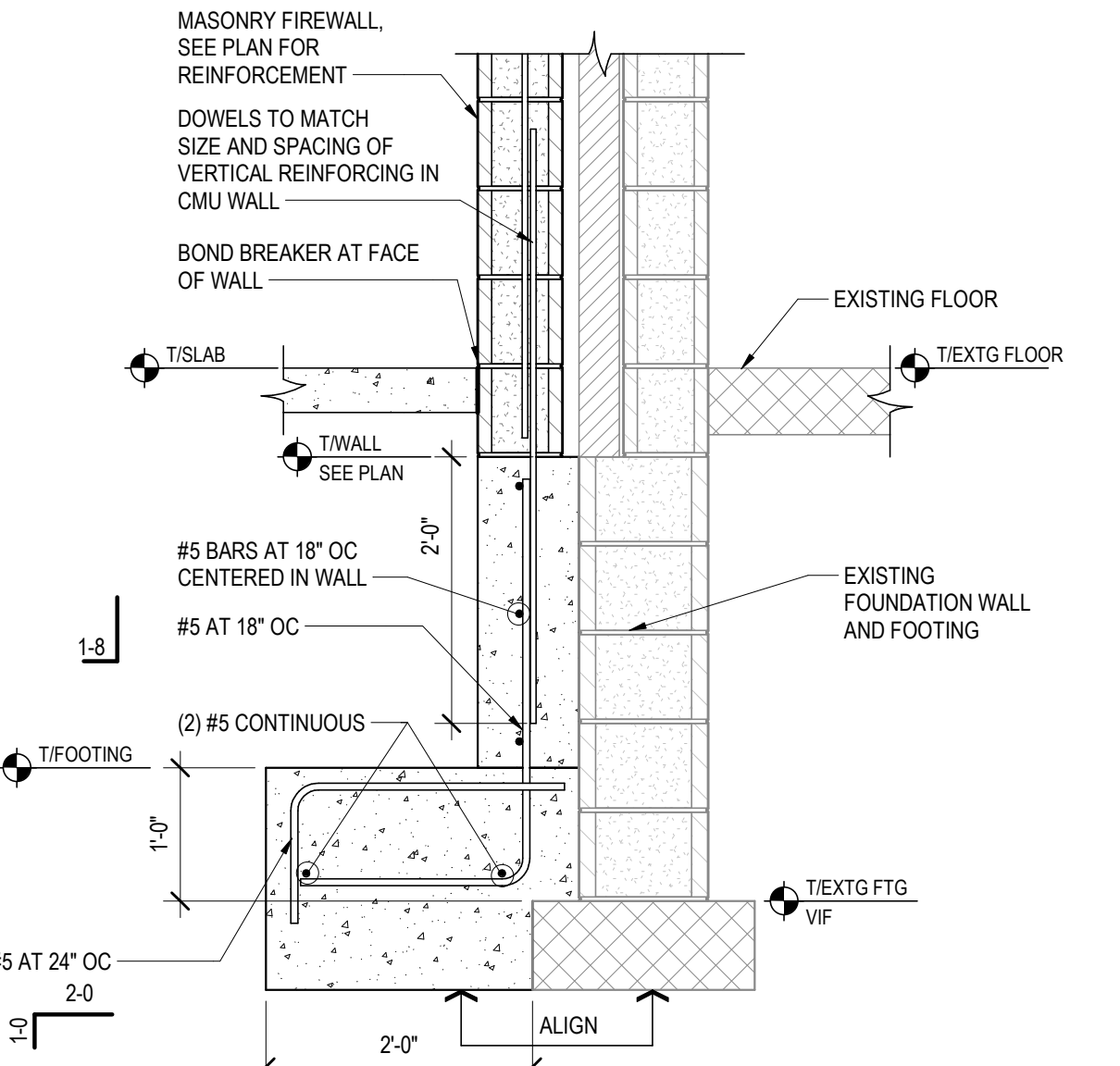
**5 FOOTING STEP DETAIL**  
SCALE: 3/4" = 1'-0"



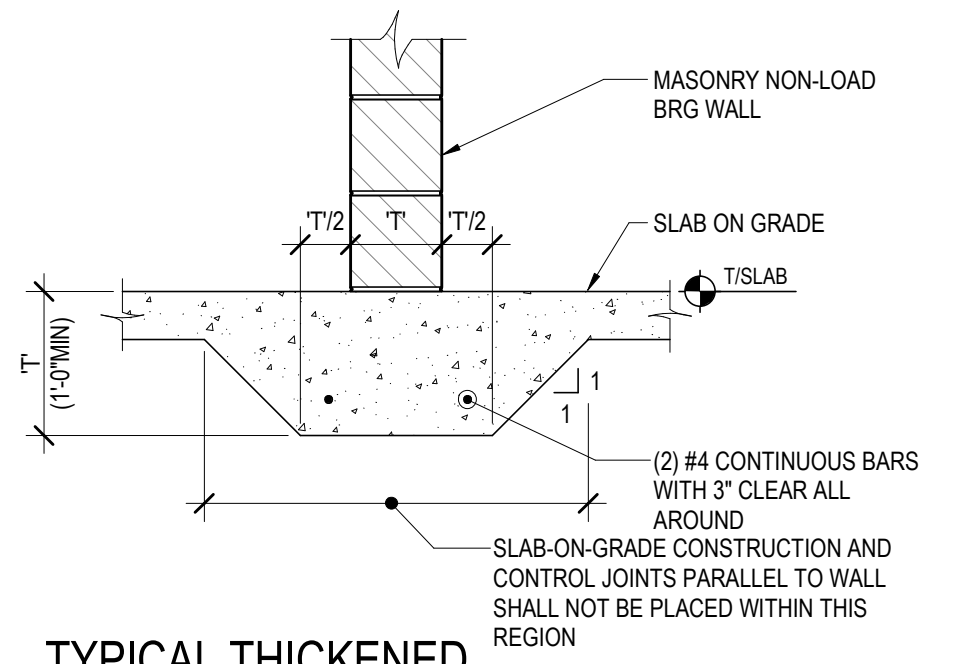
**6 PIPE PASSING UNDER WALL FOOTING**  
SCALE: 3/4" = 1'-0"



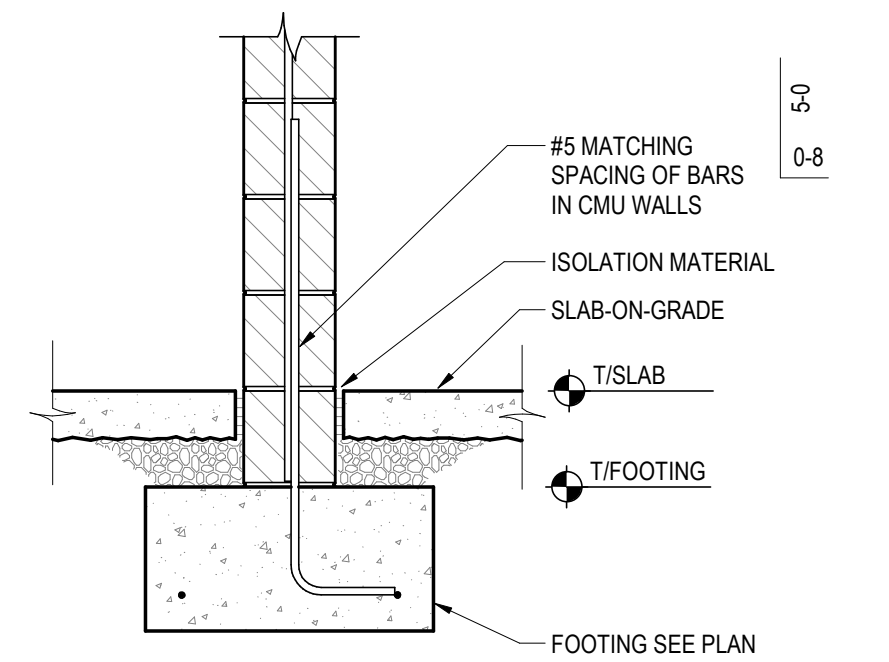
**7 STOOP DETAIL AT NEW**  
SCALE: 1/2" = 1'-0"



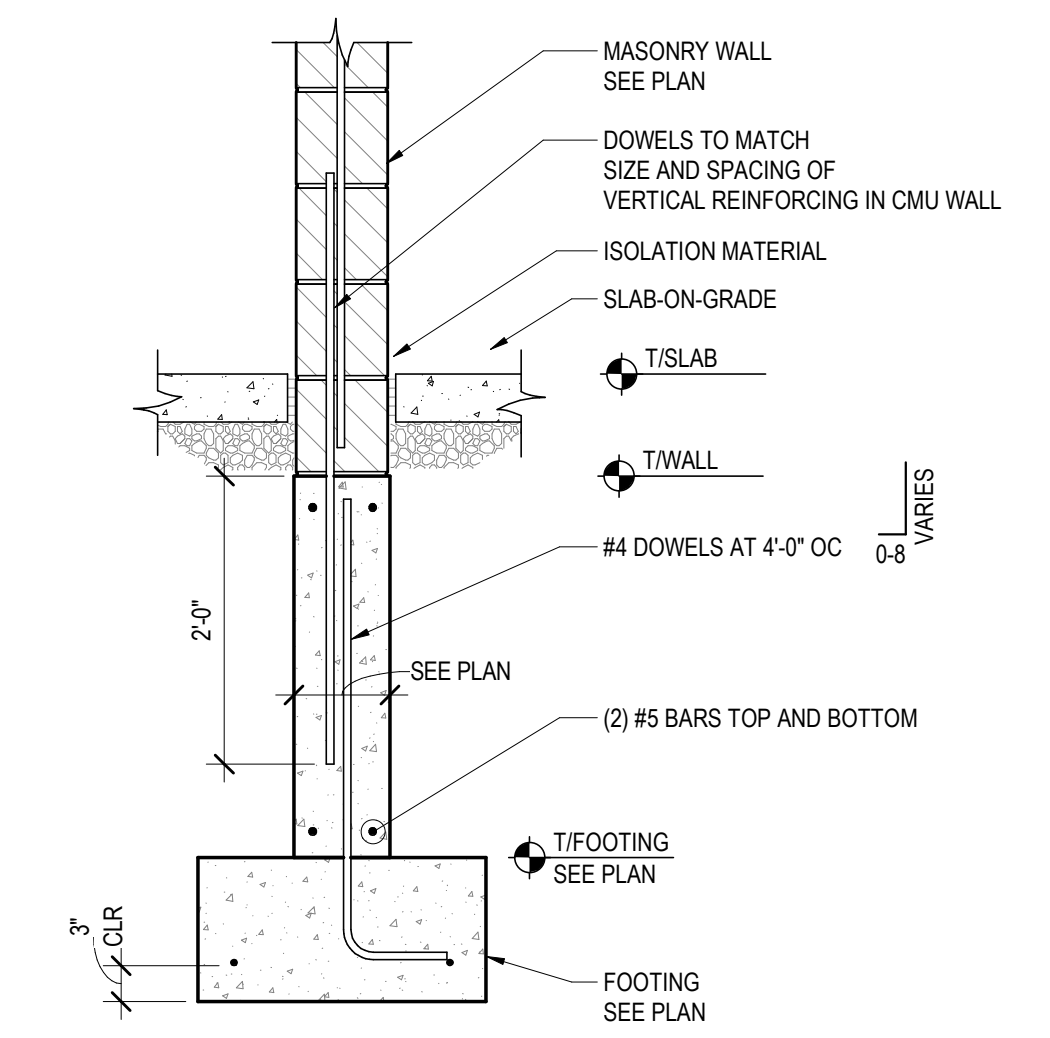
**8 FOUNDATION WALL AT FIREWALL**  
SCALE: 3/4" = 1'-0"



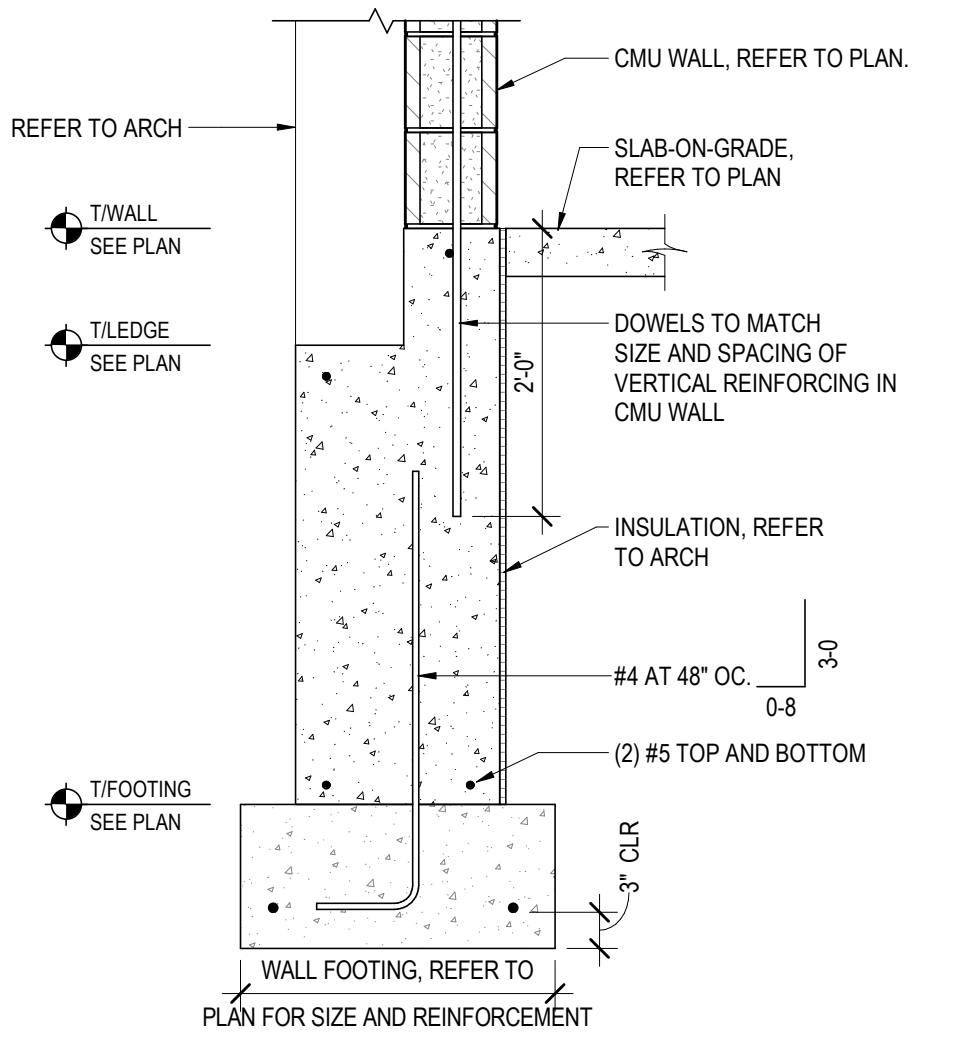
**9 TYPICAL THICKENED SLAB FOR NON-LOAD BEARING WALLS**  
SCALE: 3/4" = 1'-0"



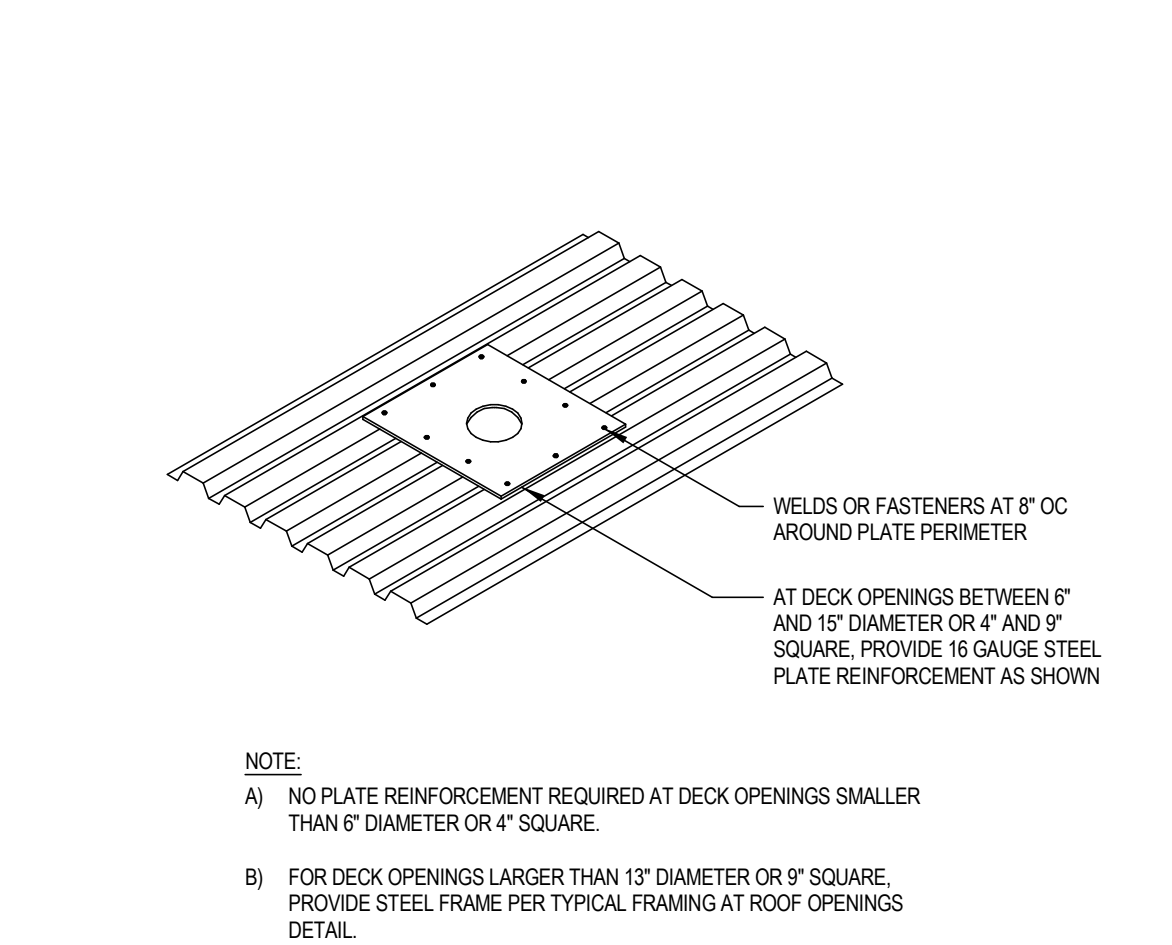
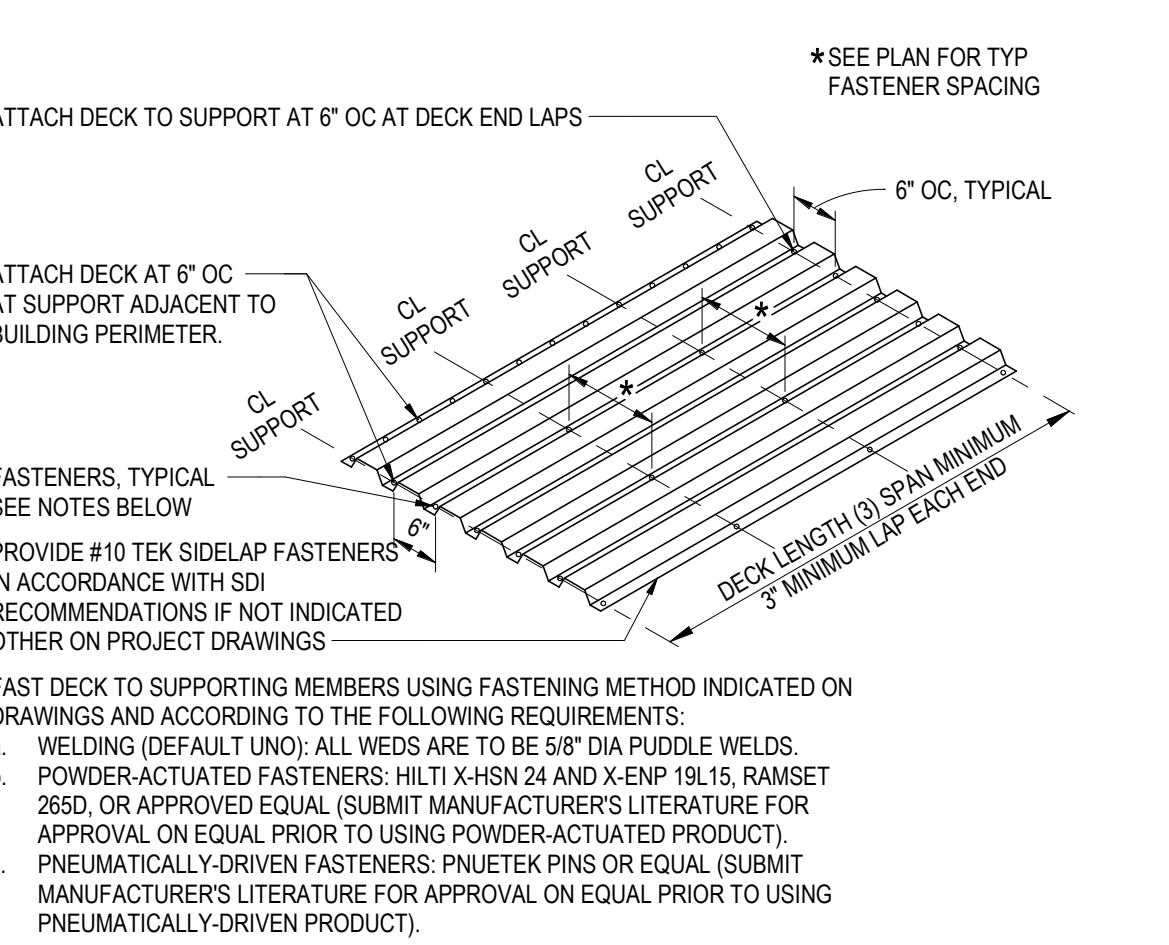
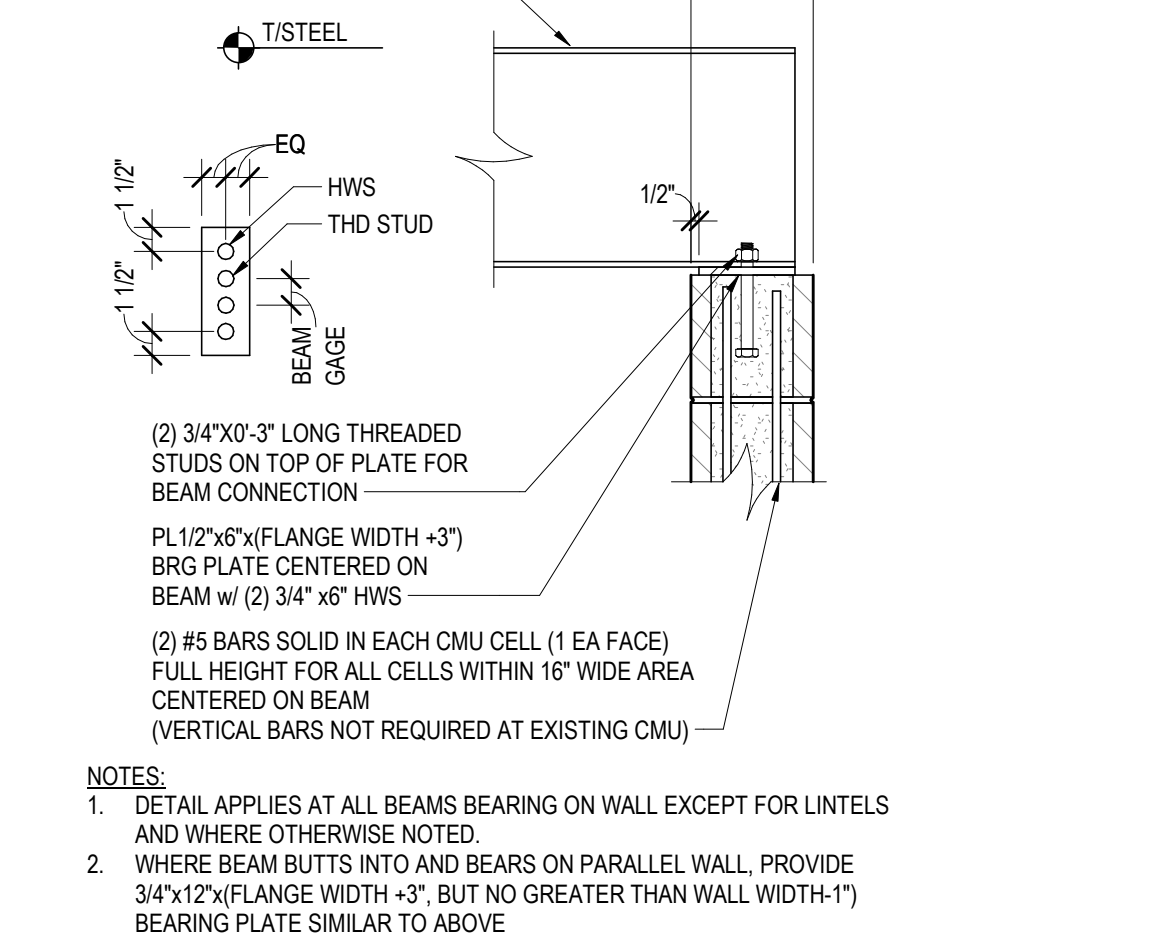
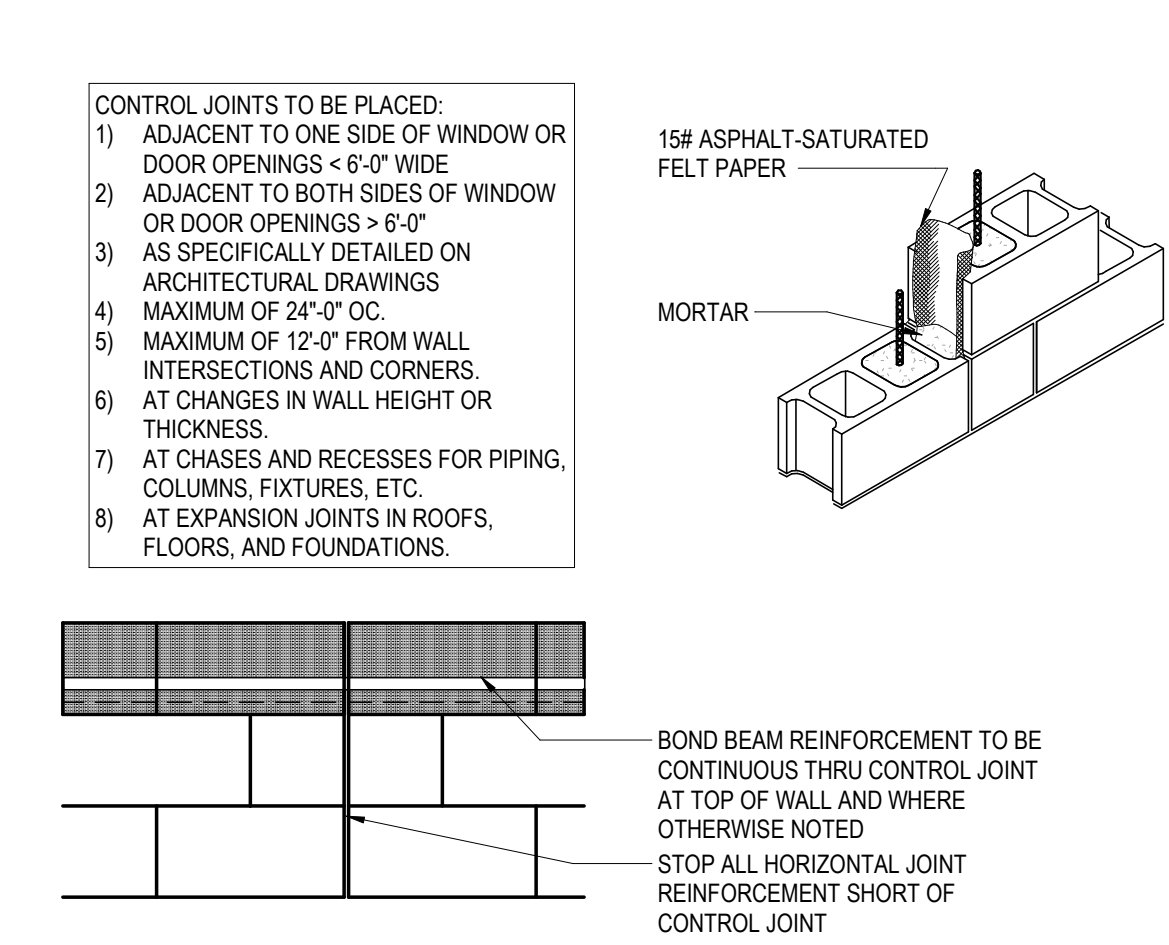
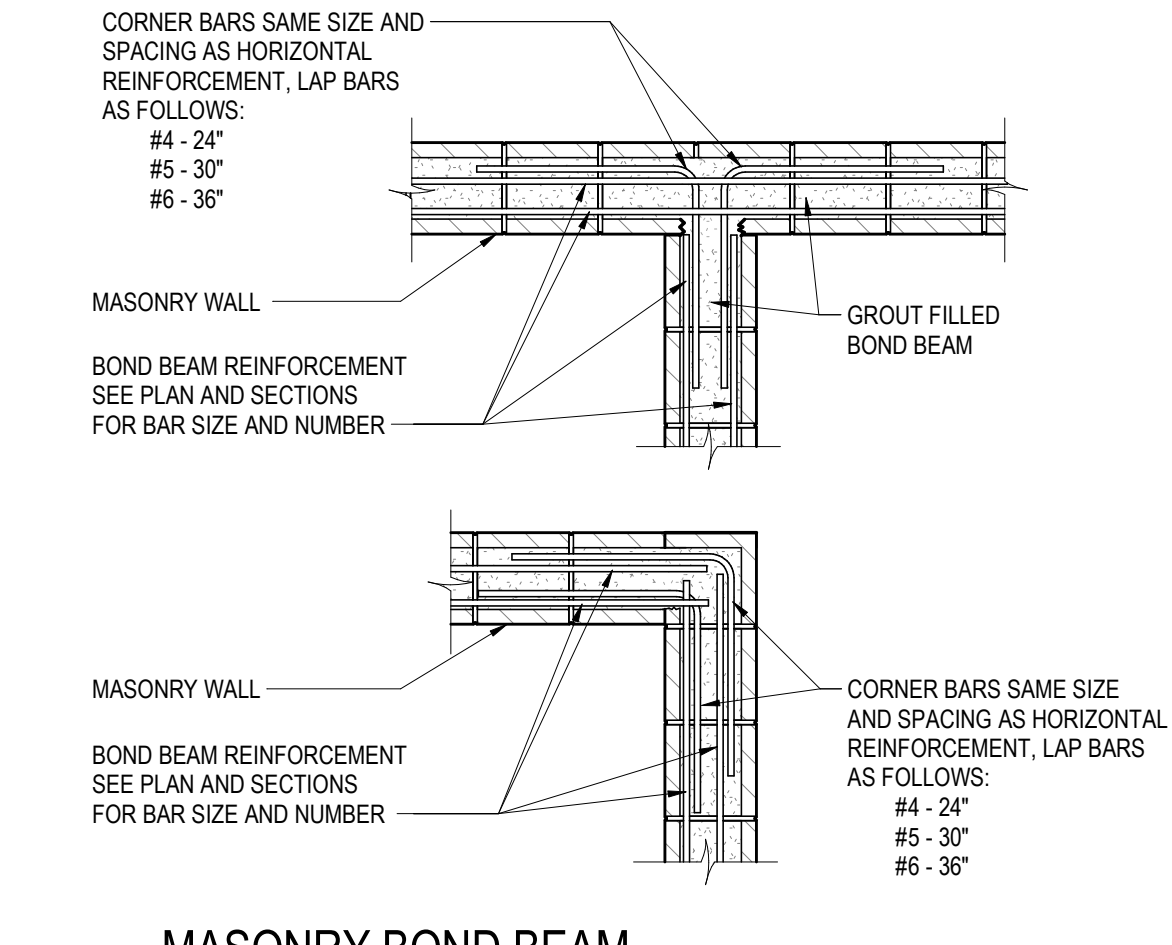
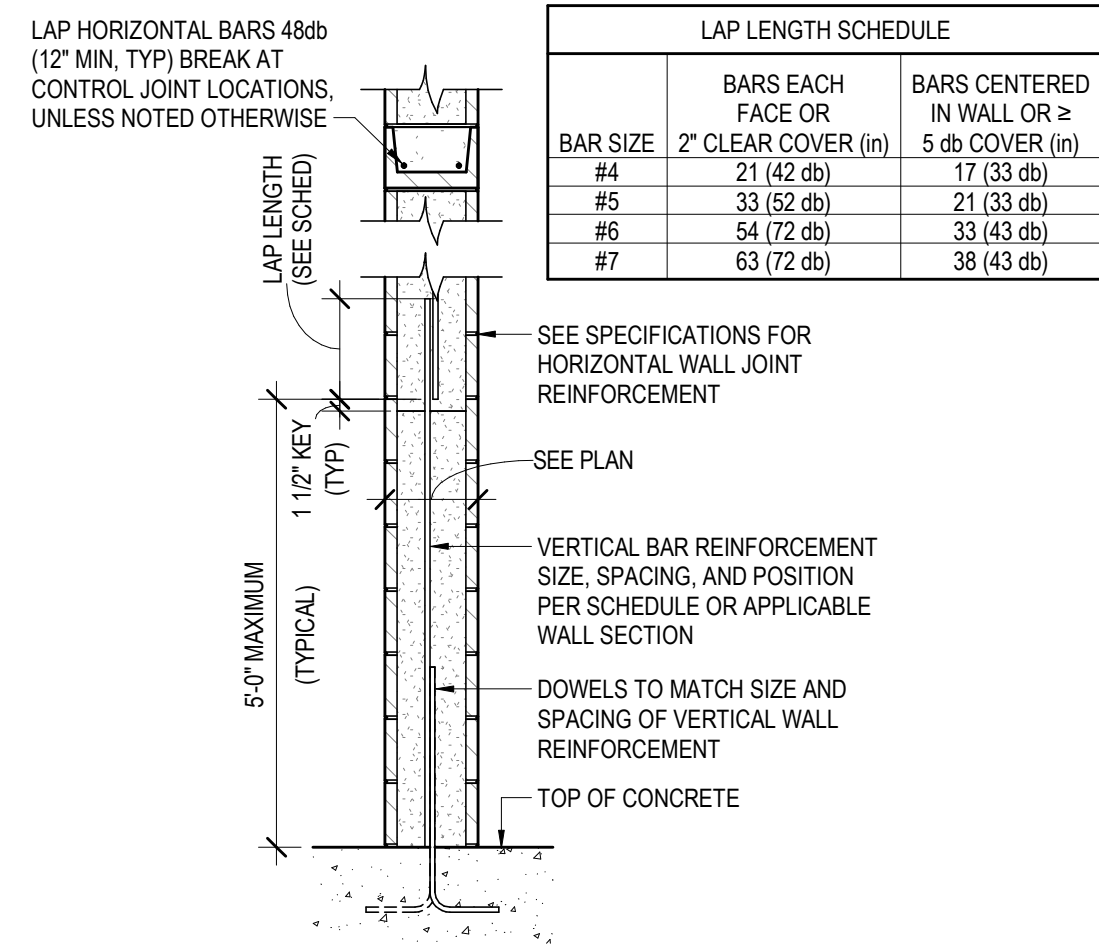
**10 FOOTING AT MASONRY WALLS**  
SCALE: 3/4" = 1'-0"



**11 STEM WALL AT MASONRY WALLS**  
SCALE: 3/4" = 1'-0"



**12 TYPICAL EXTERIOR WALL**  
SCALE: 3/4" = 1'-0"



1 TYP REINFORCED CMU WALL CONSTRUCTION  
SCALE: 1/2" = 1'-0"

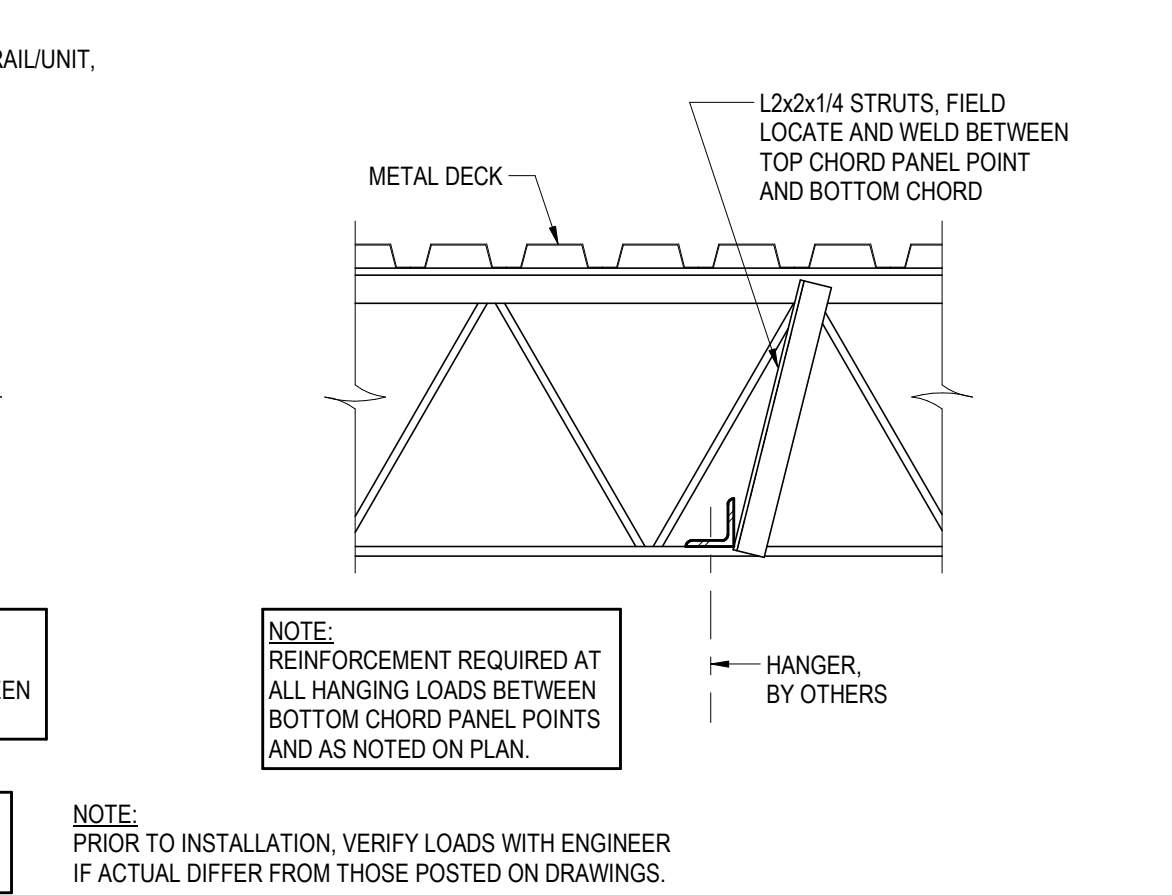
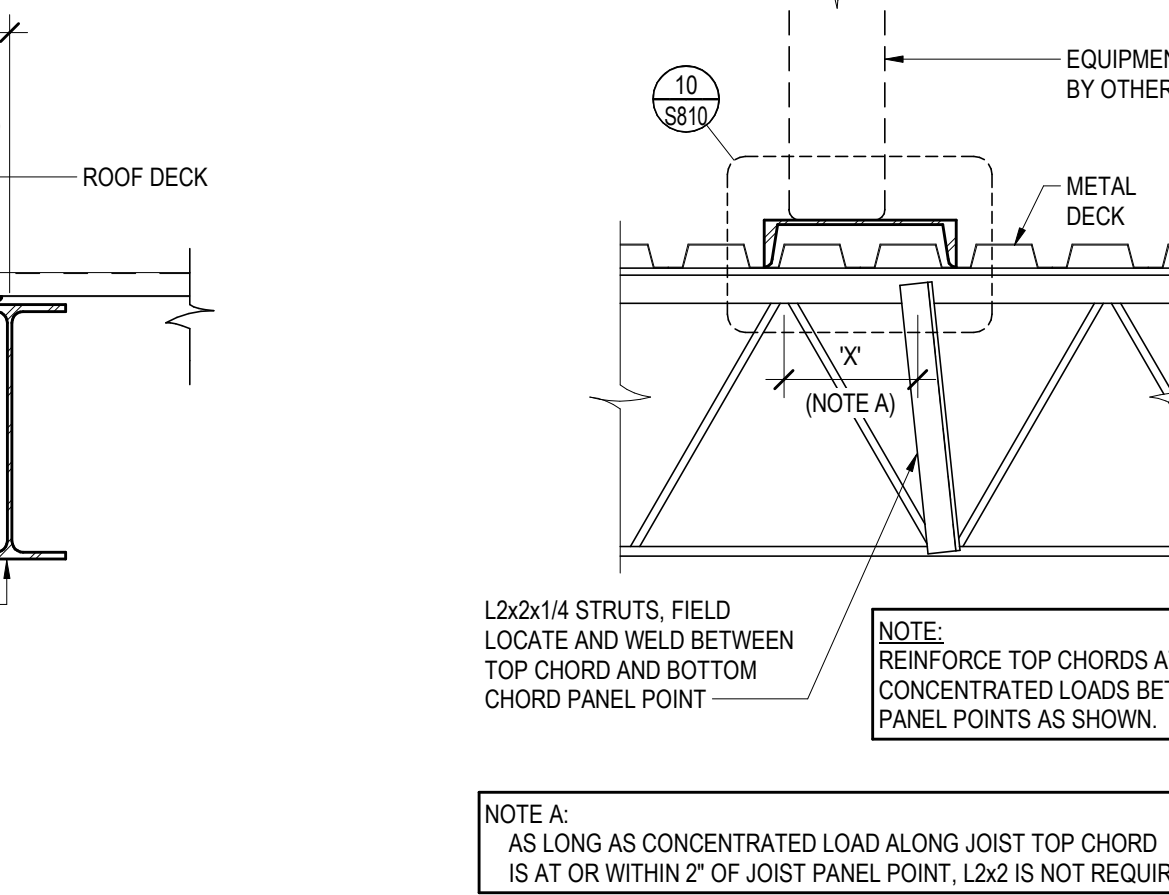
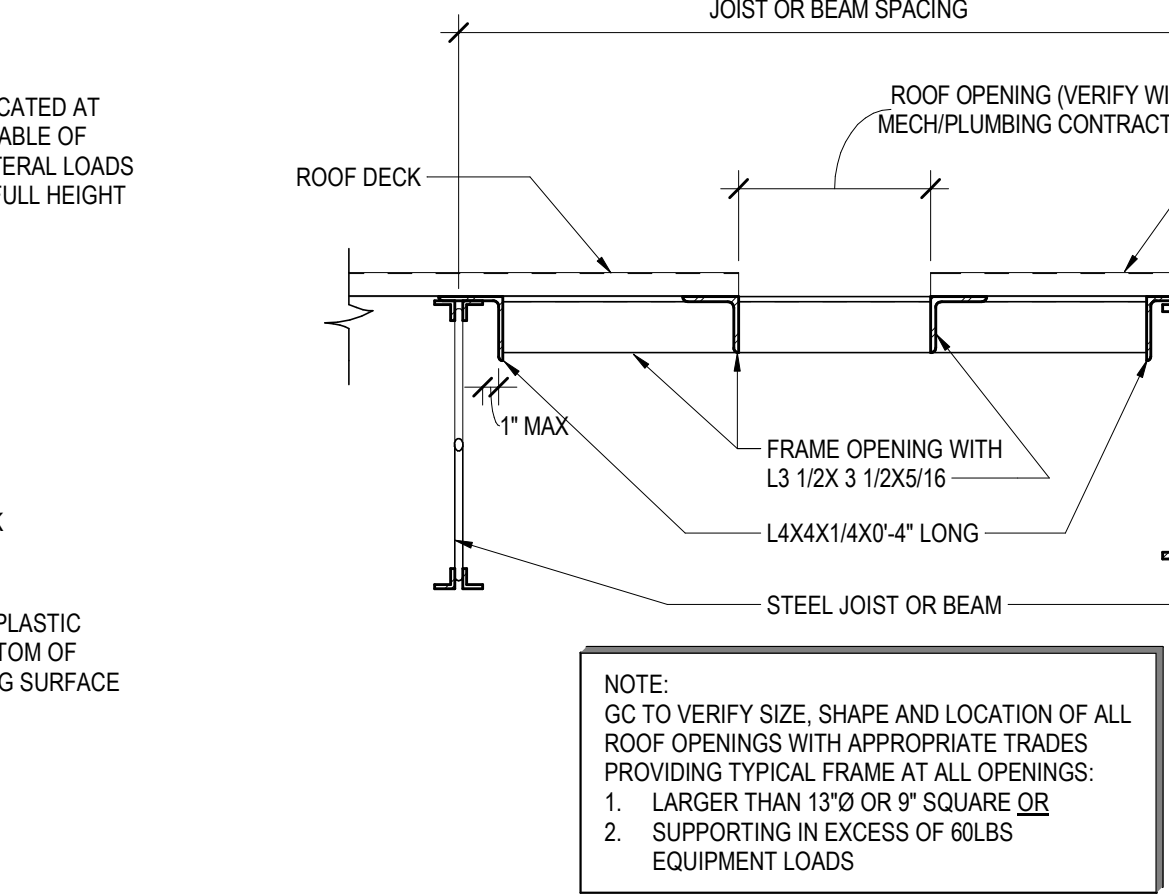
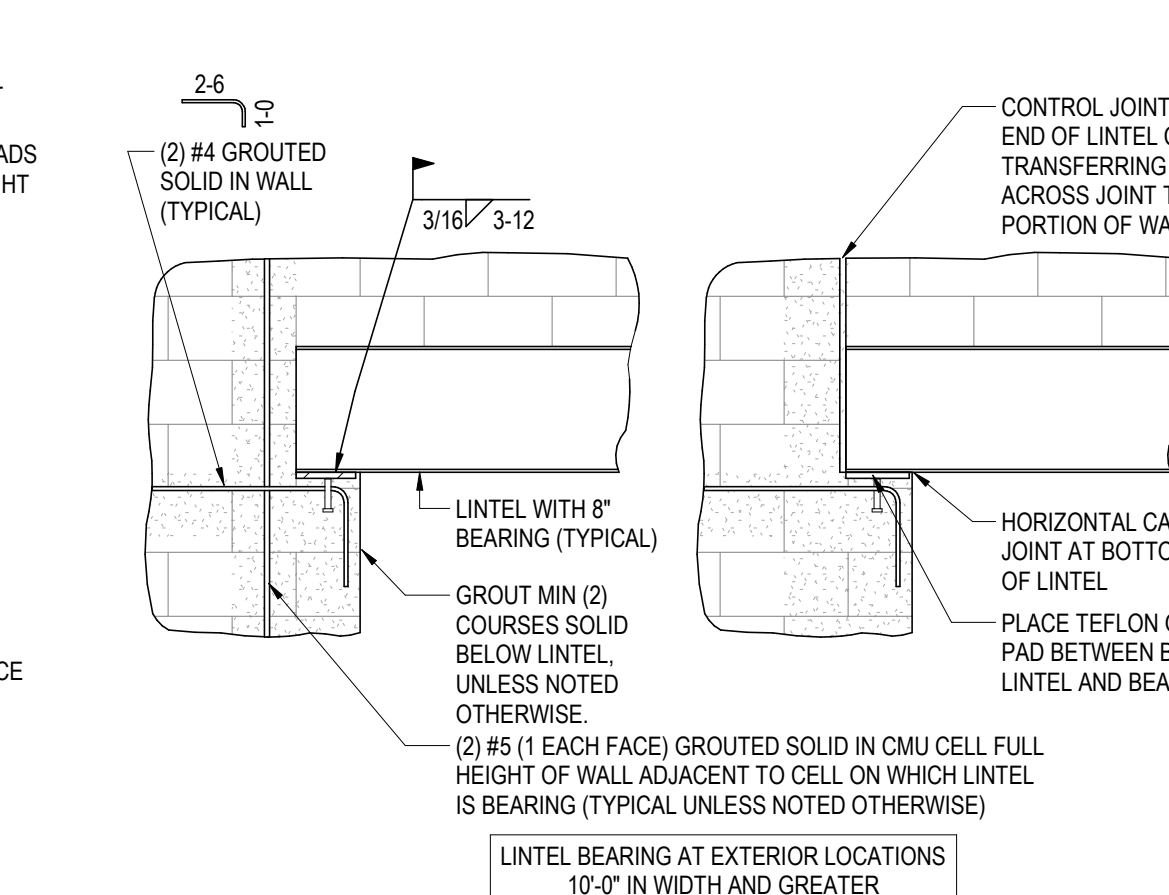
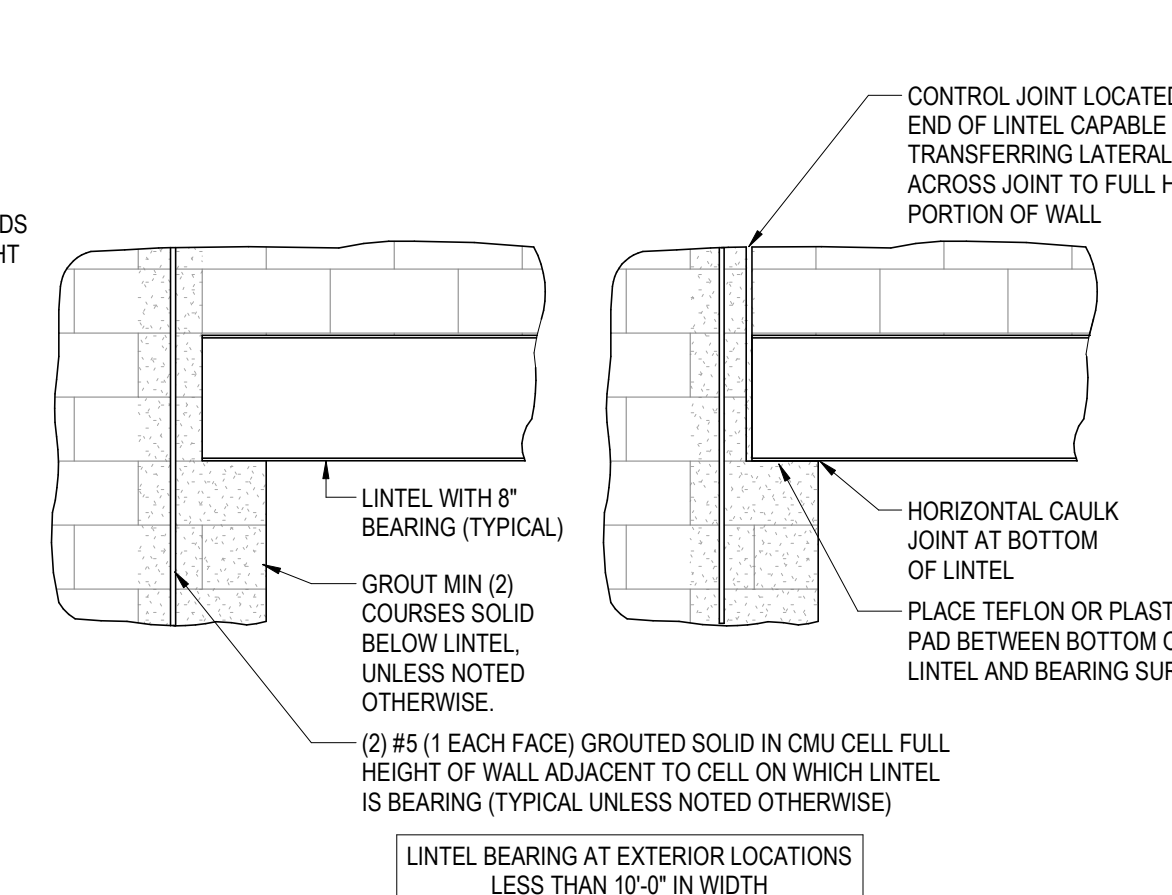
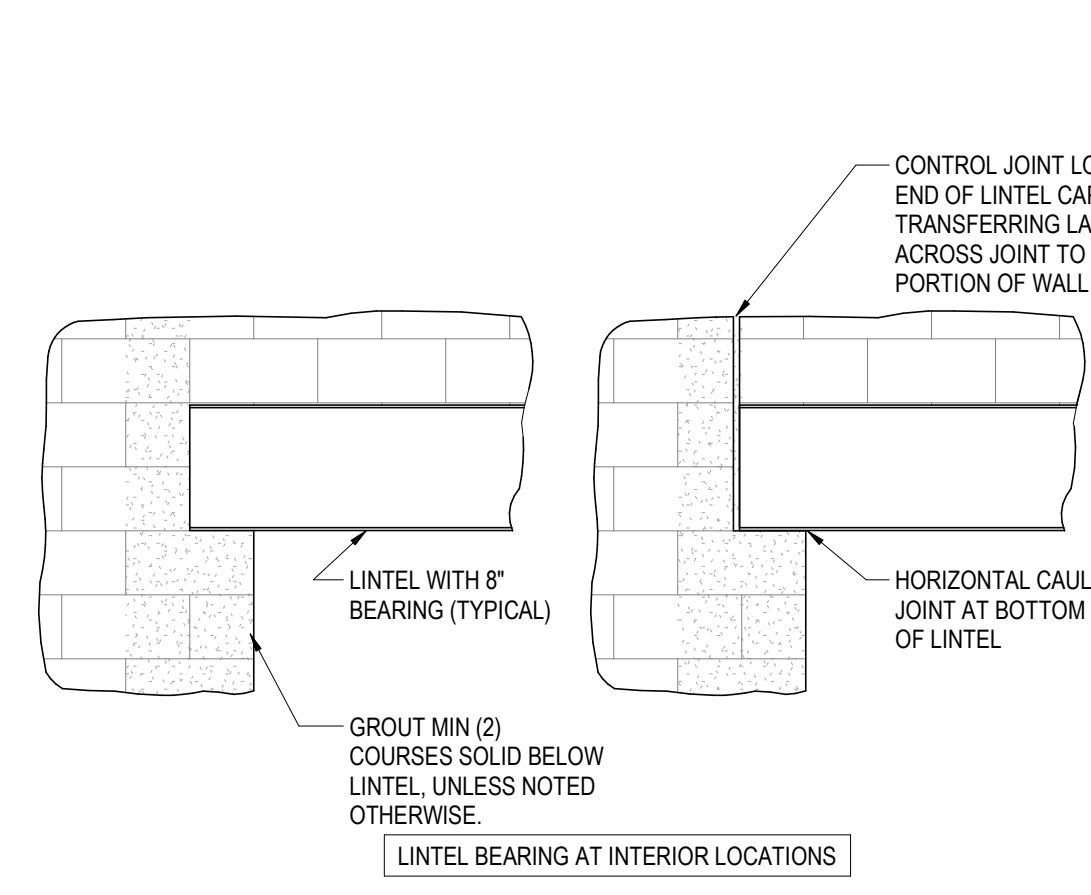
2 MASONRY BOND BEAM CORNER REINFORCEMENT  
SCALE: 3/4" = 1'-0"

3 KEYED CMU CONTROL JOINTS  
SCALE: 1/2" = 1'-0"

4 BEAM BEARING AT CMU WALL  
SCALE: 1" = 1'-0"

5 METAL DECK FASTENING DETAIL  
SCALE: 1" = 1'-0"

6 TYPICAL ROOF DECK OPENING  
SCALE: 1" = 1'-0"



7 LINTEL BEARING DETAIL  
SCALE: 1/2" = 1'-0"

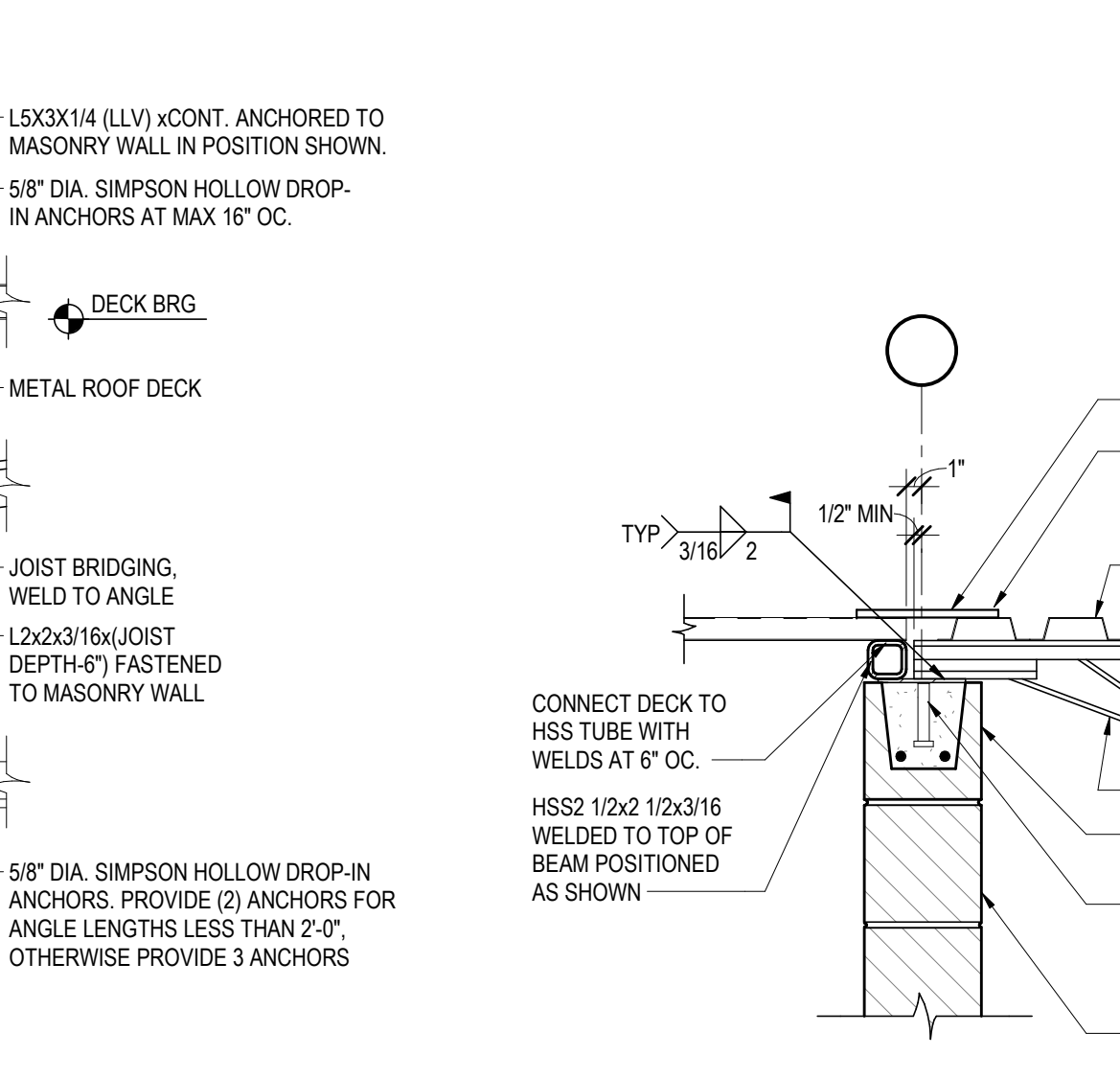
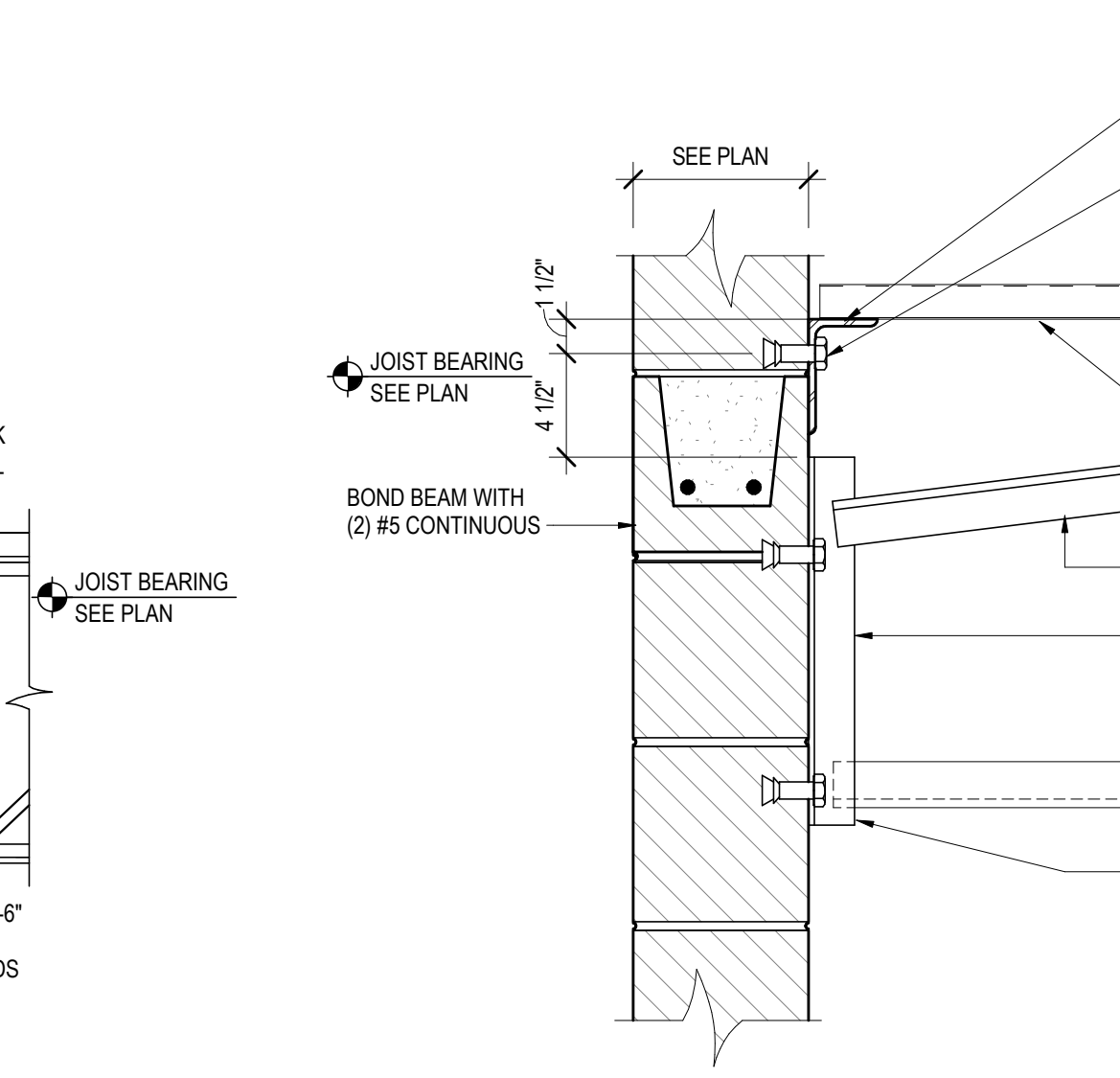
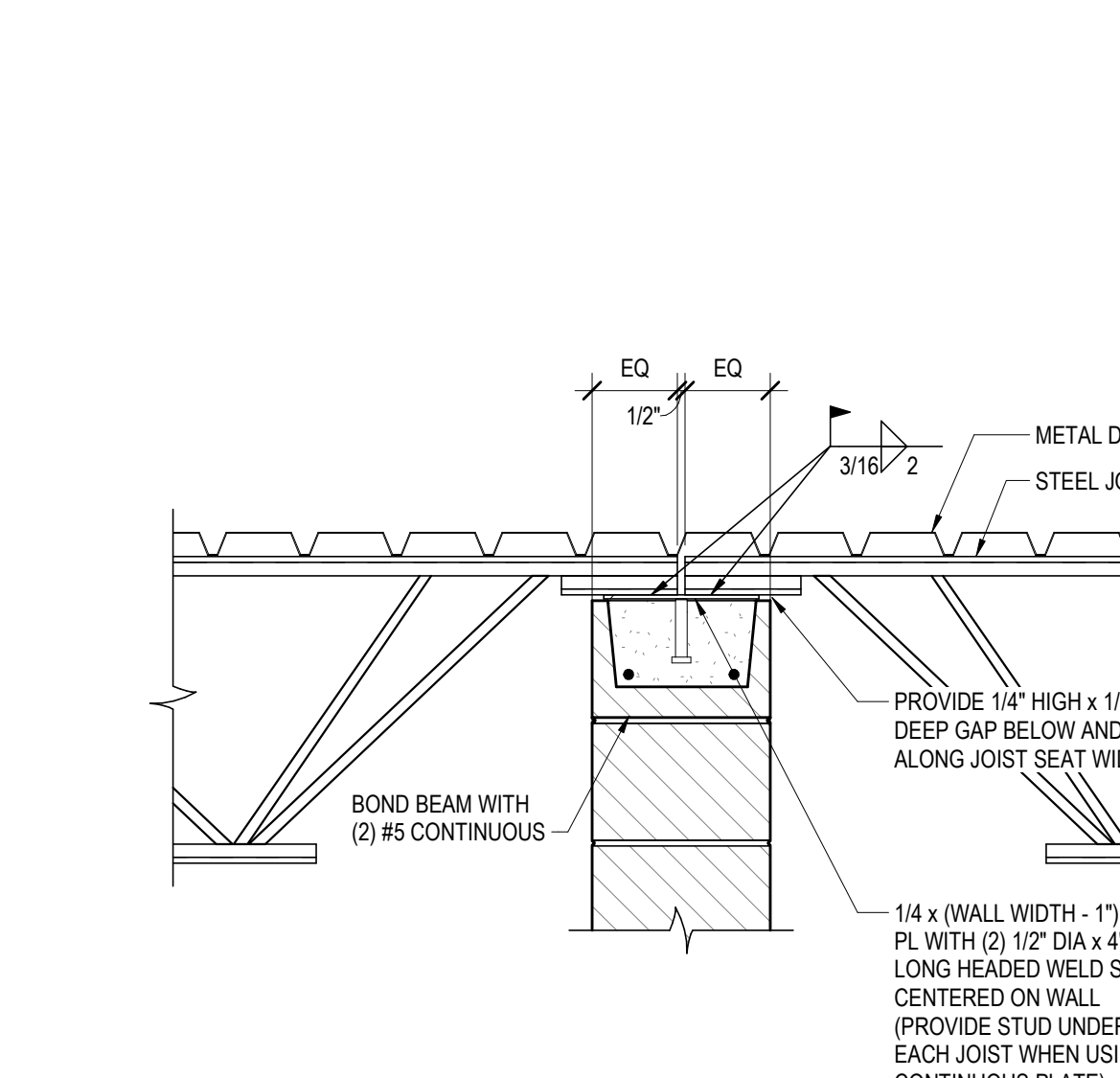
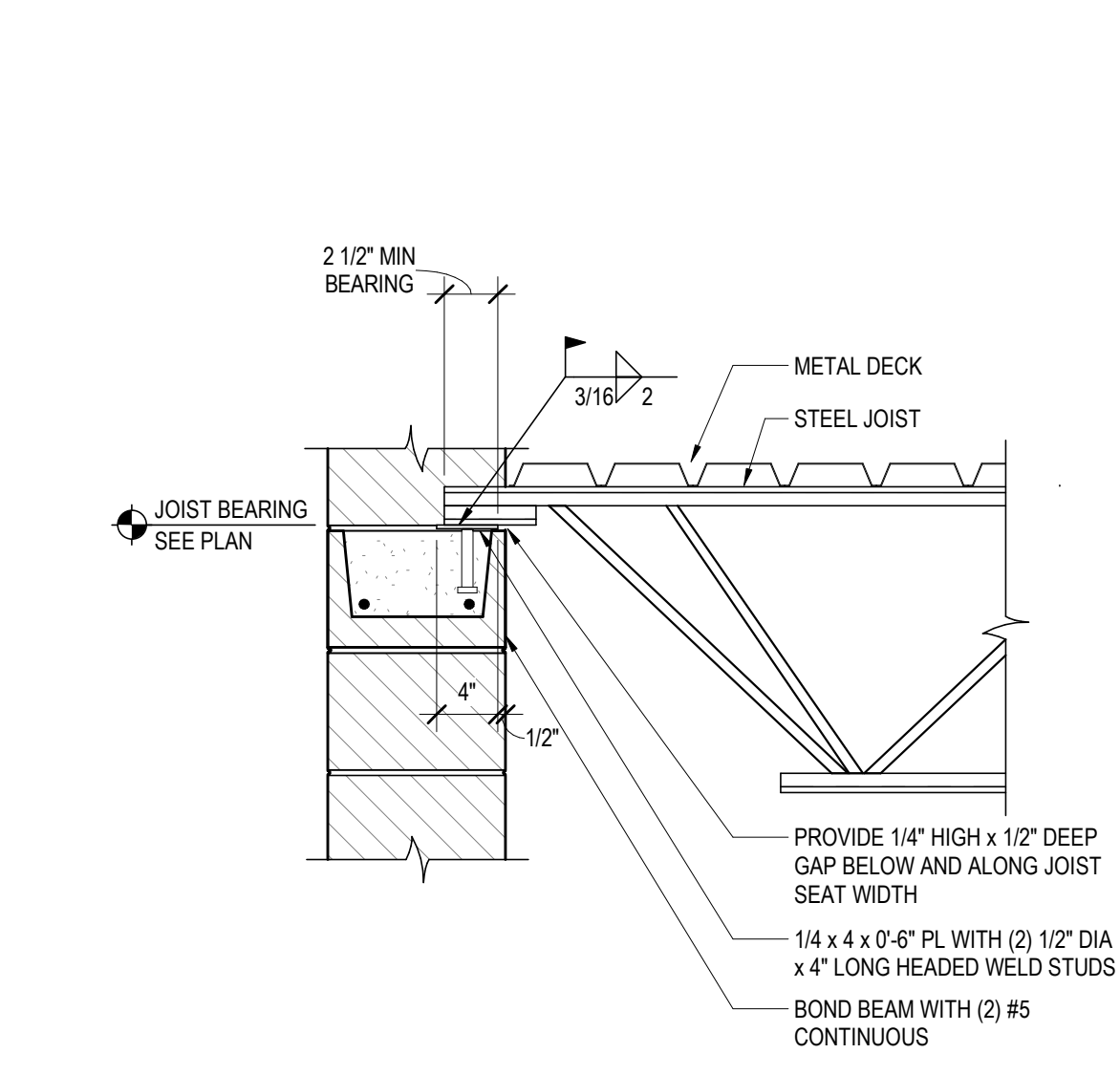
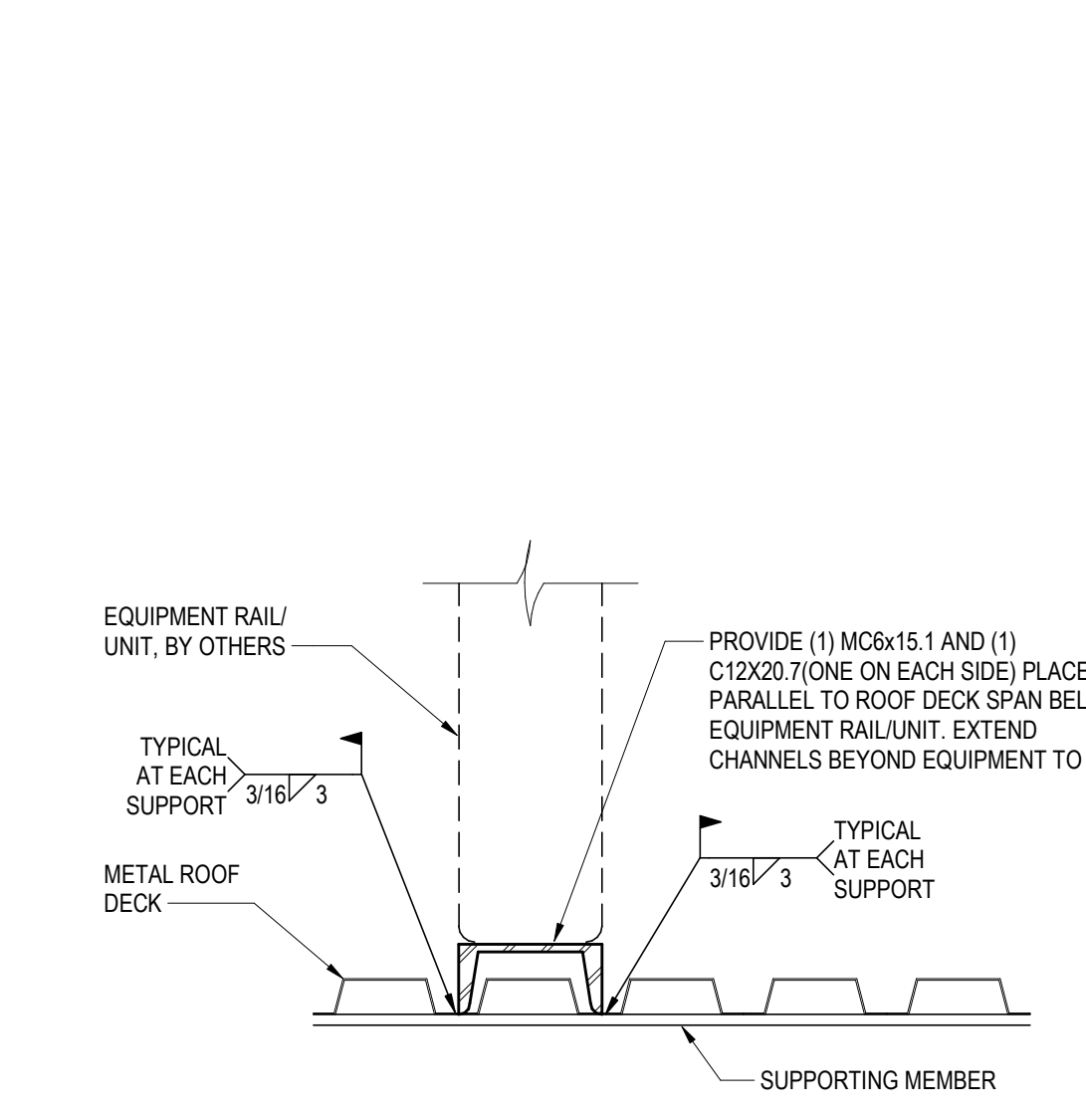
8 TYPICAL FRAMING AT ROOF OPENINGS  
SCALE: 1" = 1'-0"

9 CONCENTRATED LOAD AT JOIST  
SCALE: 1" = 1'-0"

10 EQUIPMENT RAIL SUPPORT  
SCALE: 1/2" = 1'-0"

11 JOIST ON MASONRY WALL (1 SIDE)  
SCALE: 1" = 1'-0"

12 JOIST ON MASONRY WALL (2 SIDES)  
SCALE: 1" = 1'-0"



13 TYPICAL END WALL DETAIL  
SCALE: 1/2" = 1'-0"

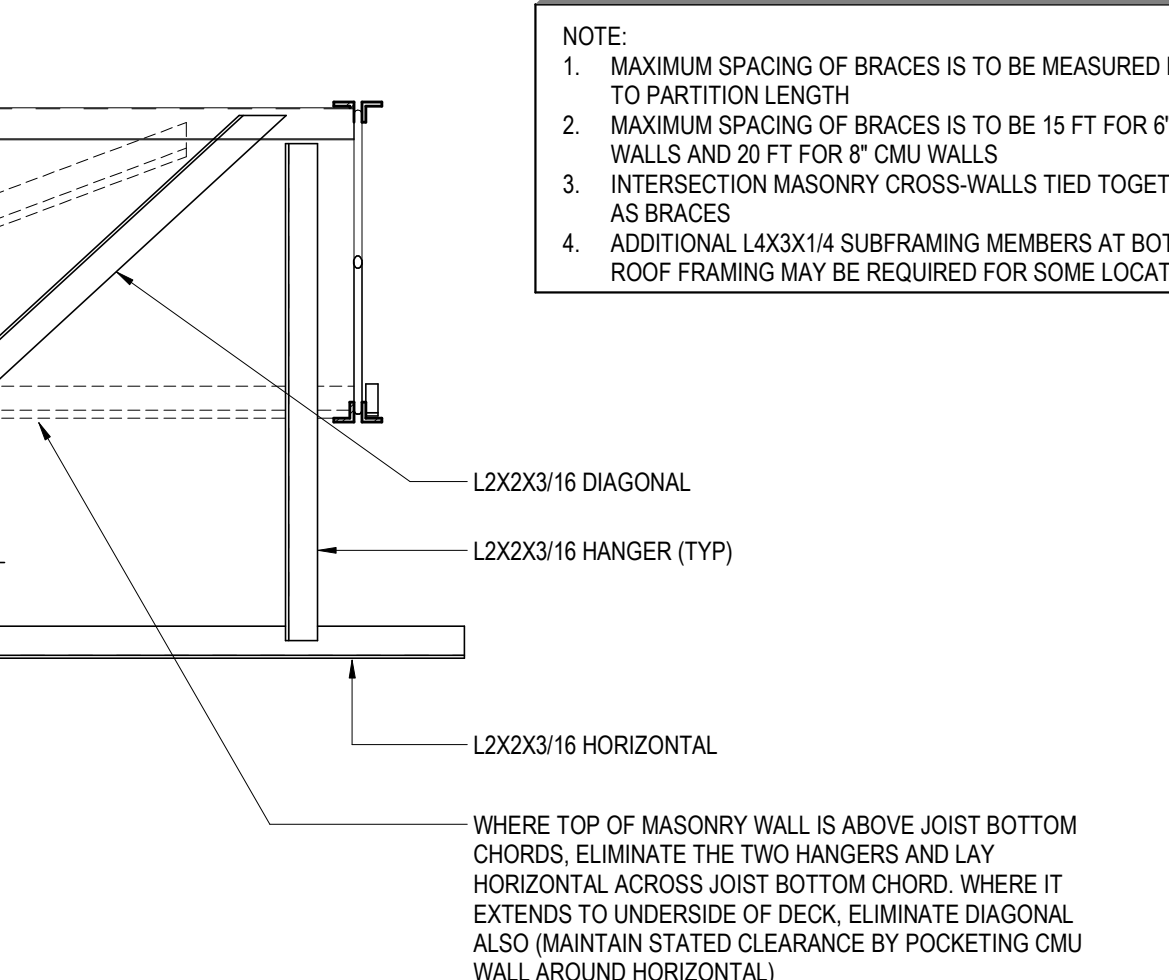
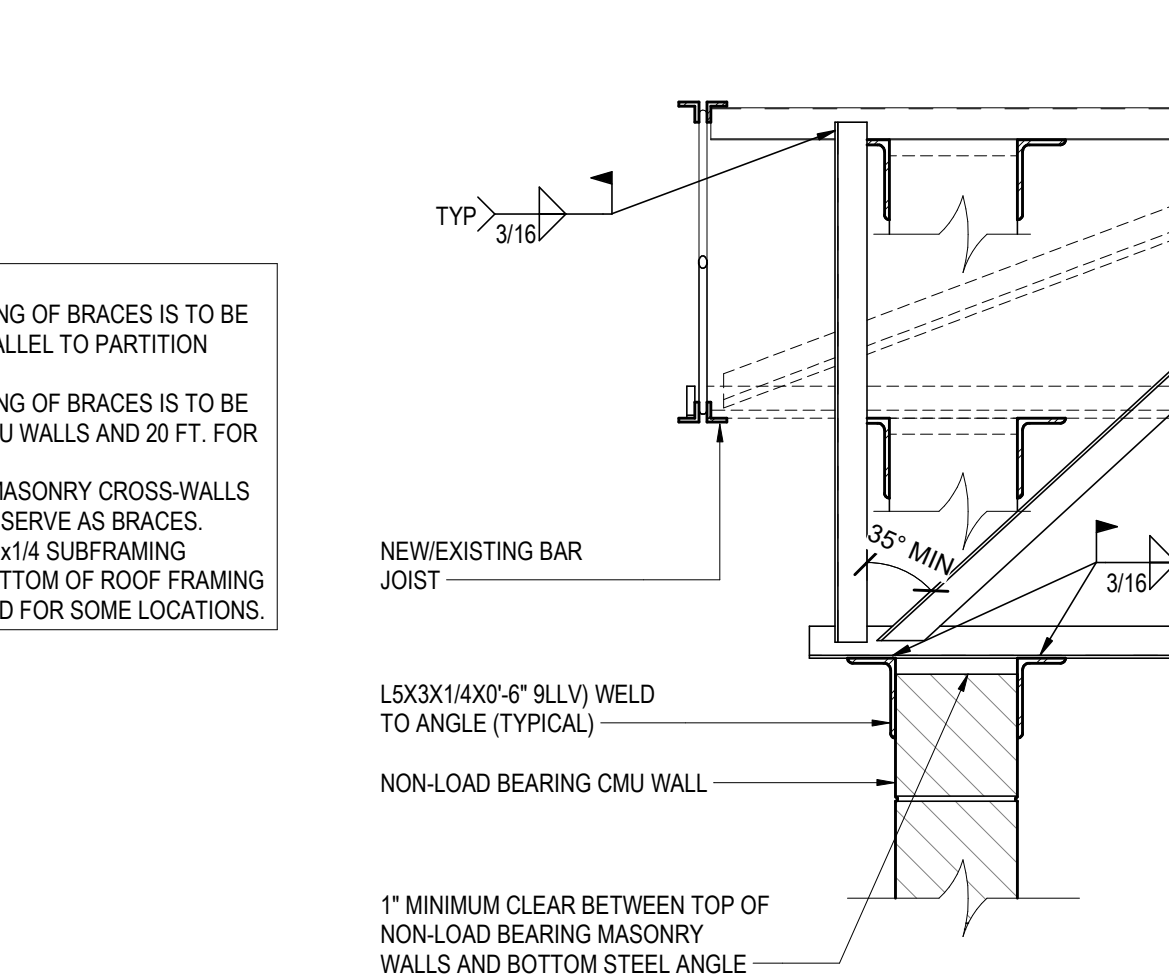
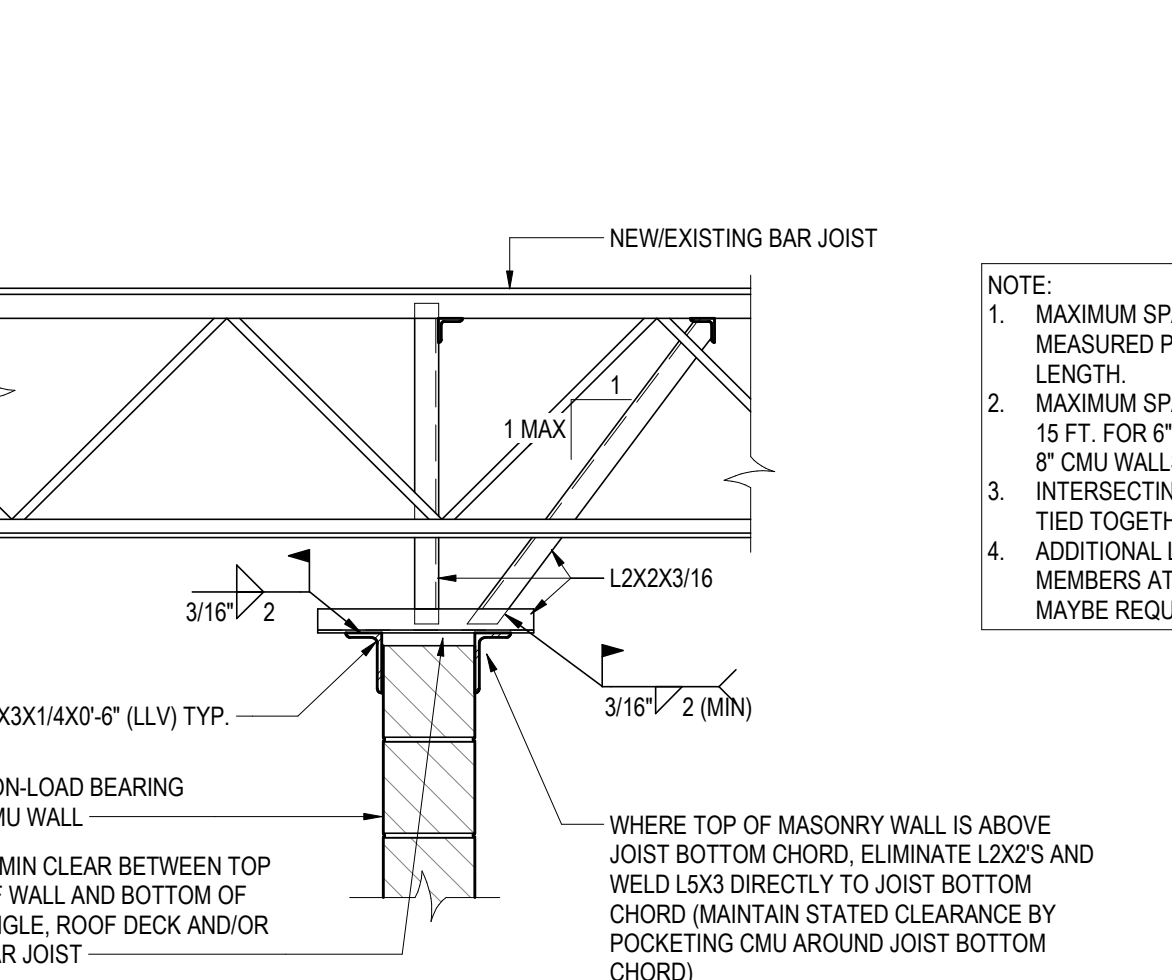
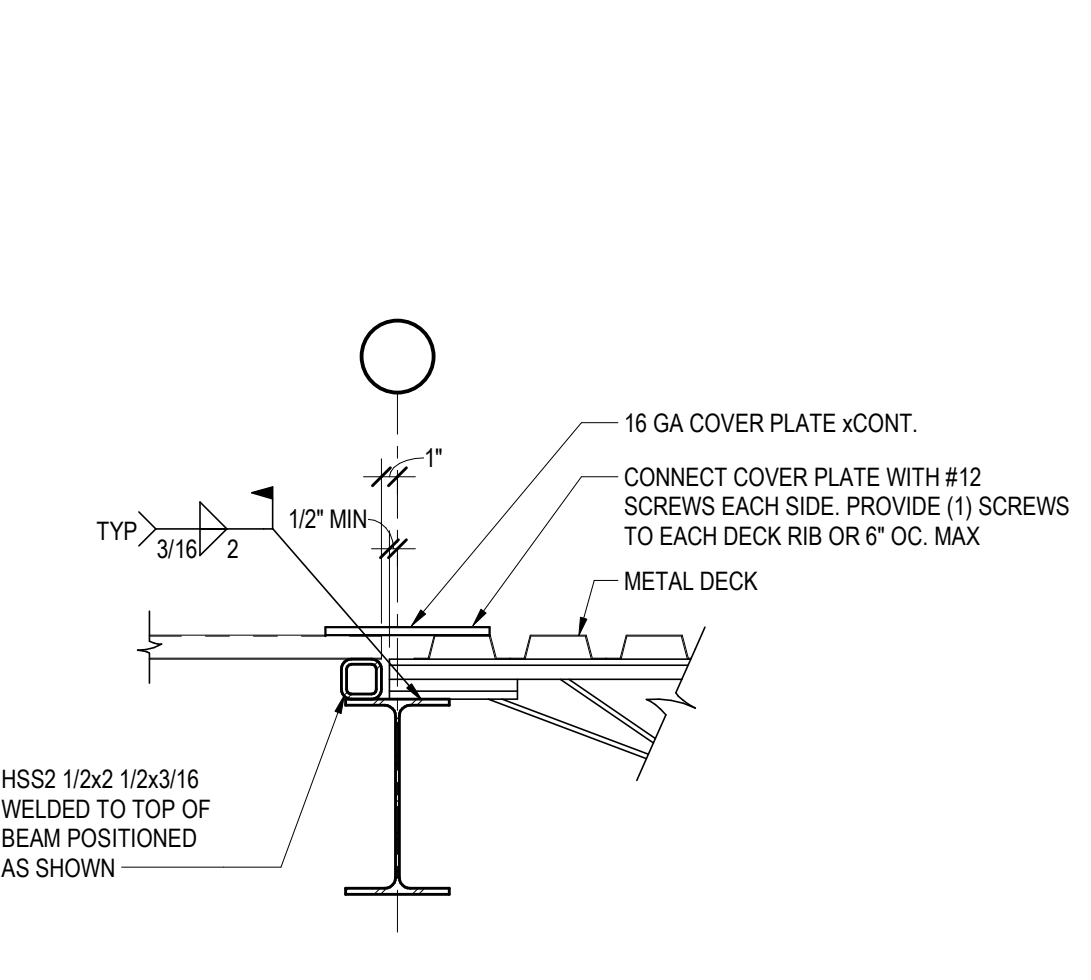
14 JOIST BEARING AT CHANGE IN DECK SPAN  
SCALE: 1" = 1'-0"

15 JOIST BEARING AT CHANGE IN DECK SPAN  
SCALE: 1" = 1'-0"

16 NON-LOAD BEARING CMU PERPENDICULAR TO JOISTS  
SCALE: 3/4" = 1'-0"

17 NON-LOAD BEARING CMU PARALLEL TO JOISTS  
SCALE: 1" = 1'-0"

18 JOIST BEARING AT CHANGE IN DECK SPAN  
SCALE: 1" = 1'-0"



19 JOIST BEARING AT CHANGE IN DECK SPAN  
SCALE: 1" = 1'-0"

20 NON-LOAD BEARING CMU PERPENDICULAR TO JOISTS  
SCALE: 3/4" = 1'-0"

21 NON-LOAD BEARING CMU PARALLEL TO JOISTS  
SCALE: 1" = 1'-0"

22 JOIST BEARING AT CHANGE IN DECK SPAN  
SCALE: 1" = 1'-0"

23 JOIST BEARING AT CHANGE IN DECK SPAN  
SCALE: 1" = 1'-0"

24 JOIST BEARING AT CHANGE IN DECK SPAN  
SCALE: 1" = 1'-0"

# LEGEND

NOTE: ALL SYMBOLS SHOWN MAY NOT APPEAR ON DRAWINGS.

SYM. ABBR.	IDENTIFICATION	SYM. ABBR.	IDENTIFICATION
<b>PIPING ACCESSORIES</b>			
CO	CLEAN OUT	UNION	
WCO	WALL CLEAN OUT	THERMOMETER	
FCO	FLOOR CLEAN OUT (FLUSH)	PRESSURE GAUGE	
BFP	BACKFLOW PREVENTER	HB	HOSE BIBB
PRV	PRESSURE REDUCING VALVE	RD / OF	ROOF DRAIN / OVERFLOW DRAIN
	SHUTOFF VALVE	DSN	DOWN SPOUT NOZZLE
	BALANCE VALVE	FD	FLOOR DRAIN
	CHECK VALVE	HD	HUB DRAIN
WHA	WATER HAMMER ARRESTOR	SD	SITE DRAIN
	TEST CONNECTION	(X)	FIXTURE UNIT
	PIPING CAP		
<b>PIPING</b>			
CW	COLD HARD WATER PIPING	P	PROCESS DRAIN PIPING
CWS	COLD SOFT WATER PIPING	LS	LOW STRENGTH PROCESS DRAIN PIPING
HW	HOT WATER PIPING	HS	HIGH STRENGTH PROCESS DRAIN PIPING
HNR	HOT WATER RETURN PIPING	ST	STORM / CONDUCTOR PIPING
HWS	140° HOT WATER PIPING	OF	STORM / CONDUCTOR PIPING - OVERFLOW
HWR	140° HOT WATER RETURN PIPING	V	VENT PIPING
HP CW	HIGH PRESSURE COLD WATER SUPPLY	AW	ACID WASTE PIPING
HP HW	HIGH PRESSURE HOT WATER SUPPLY	AV	ACID VENT PIPING
HP HWR	HIGH PRESSURE HOT WATER RETURN	CLW	CLEARWATER WASTE PIPING
NP	NON-POTABLE WATER PIPING	CLV	CLEARWATER VENT PIPING
NP HW	NON-POTABLE HOT WATER	G	GAS PIPING - NATURAL
NP HWR	NON-POTABLE HOT WATER RETURN	A	AIR PIPING - COMPRESSED
TW	TEMPERED WATER PIPING	HS	HYDRAULIC SUPPLY PIPING
SAN	SANITARY DRAIN PIPING	HR	HYDRAULIC RETURN PIPING
GW	GREASE WASTE PIPING	NIT	NITROGEN PIPING
ST	STORM DRAIN PIPING	CO2	CARBON DIOXIDE PIPING
<b>MISCELLANEOUS</b>			
EL	ELEVATION	C.T.E.	CONNECT TO EXISTING
SECTION NUMBER		CALLOUT OR DETAIL NUMBER	
SHEET NUMBER		SHEET NUMBER	
<b>ABBREVIATIONS</b>			
AFF	ABOVE FINISHED FLOOR	NIC	NOT IN CONTRACT
AFG	ABOVE FINISHED GRADE	NTS	NOT TO SCALE
BFF	BELOW FINISHED FLOOR	OC	ON CENTER
EC	ELECTRICAL CONTRACTOR	RI	ROUGH IN
FPC	FIRE PROTECTION CONTRACTOR	BJ	BETWEEN JOISTS
GC	GENERAL CONTRACTOR / CONSTRUCTION MANAGER	TJ	THRU JOISTS
PC	PLUMBING CONTRACTOR	TTS	TIGHT TO STRUCTURE
MC	MECHANICAL CONTRACTOR	TYP	TYPICAL
IE	INVERT ELEVATION	VTR	VENT THRU ROOF
		WP	WEATHER PROOF
<b>FIRE RATED WALLS</b>			
[Pattern] FIRE - 1 HOUR		[Pattern] FIRE - 2 HOUR	
[Pattern] FIRE - 2 HOUR		[Pattern] FIRE - 4 HOUR	

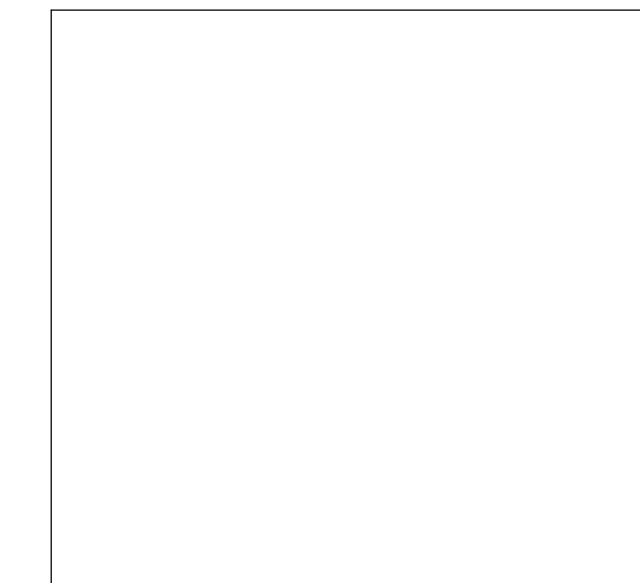
# GENERAL INSTALLATION NOTES

- SEE PLUMBING SPECIFICATIONS FOR MORE INFORMATION.
- PLUMBING INSTALLATION SHALL BE INSTALLED PER WISCONSIN UNIFORM PLUMBING CODE AND PER LOCAL PLUMBING CODE FOR ITEMS NOT NOTED.
- FIELD VERIFY UNDERGROUND PIPING LOCATION, DEPTH AND SIZE AT POINT OF CONNECTION AND THAT NEW PIPE ROUTE IS CLEAR OF UTILITIES AND OTHER OBSTRUCTIONS PRIOR TO INSTALLATION OF ANY UNDERGROUND PIPING. COSTS INCURRED FOR FAILURE TO DO SO SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- ALL PIPING IS TO BE CONCEALED. IF BUILDING CONSTRUCTION DOES NOT PERMIT CONCEALING PIPING, LOCATIONS AND ROUTING ARE TO BE APPROVED BY ARCHITECT/OWNER PRIOR TO INSTALLATION.
- ROUTE ALL PIPING IN COORDINATION WITH OTHER TRADES.
- FLOOR AND WALL CLEANOUT LOCATIONS NOT PERMITTED TO BE MOVED WITHOUT APPROVAL OF ARCHITECT/ENGINEER.
- SEE ARCHITECTURAL SHEETS FOR ADA RELATED INSTALLATION DETAILS.
- SEE STRUCTURAL FOOTING, TRUSS AND JOIST ELEVATIONS AND DETAILS.
- SEE MECHANICAL PLANS FOR AREAS THAT ARE USED AS A RETURN AIR PLENUM. PROVIDE PLENUM RATED PIPE OR PIPE WRAP AS PER PROJECT'S PLUMBING SPECIFICATIONS.
- SEE MECHANICAL PLANS AND HVAC CONTRACTOR FOR FINAL LOCATION OF HVAC EQUIPMENT IN MECHANICAL / BOILER ROOMS TO COORDINATE FINAL LOCATIONS OF FLOOR / HUB / SITE DRAINS PRIOR TO INSTALLATION.
- SEE PLUMBING ISOMETRICS SHEETS FOR PIPE SIZE AND LOAD INFORMATION NOT SHOWN ON FLOOR PLANS.
- SLOPE ALL SANITARY AND STORM PIPING 3" AND LARGER AT 1/8" FT UNLESS NOTED OTHERWISE.
- SLOPE ALL SANITARY AND STORM PIPING 2" AND SMALLER AT 1/4" FT UNLESS NOTED OTHERWISE.
- INSTALL CLEANOUTS AT STACKS WHICH PENETRATE THE LOWEST FLOOR LEVEL 30" A.F.F. UNLESS NOTED OTHERWISE.
- INSTALL BALL VALVES TO ISOLATE HOT AND COLD WATER BRANCH PIPING FROM HOT AND COLD WATER MAINS FOR EACH PLUMBING FIXTURES OR ROOMS WITH MULTIPLE PLUMBING FIXTURES.
- INSTALL EXTERIOR HOSE BIBBS AT 18" A.F.F. UNLESS NOTED OTHERWISE.
- INSTALL INTERIOR HOSE BIBBS AT 24" A.F.F. UNLESS NOTED OTHERWISE.
- INSTALL DOWN SPOUT NOZZLES AT 18" A.F.F. UNLESS NOTED OTHERWISE.

# GENERAL DEMOLITION NOTES

- SEE PLUMBING SPECIFICATIONS FOR MORE INFORMATION.
- ALL PIPING AND FIXTURES SHOWN HEAVY DASHED ARE TO BE DEMOLISHED.
- ALL PIPING AND FIXTURES SHOWN LIGHTER ARE EXISTING TO REMAIN.
- COORDINATE DEMOLITION OF EXISTING PIPING TO BE REMOVED WITH GENERAL CONTRACTOR.
- SOME EXISTING PLANS OF UNDERGROUND PIPING EXIST. PIPING SHOWN WITHOUT EXISTINGS PLANS ARE THE ENGINEER'S ESTIMATION OF ROUTING. FIELD VERIFY LOCATIONS OF EXISTING PIPE MAINS. REUSE ANY PIPING OF SUFFICIENT SIZE IN GOOD CONDITION. REROUTE AS REQUIRED PER FIELD CONDITIONS.
- FIELD VERIFY LOCATIONS OF EXISTING PIPE MAINS. REUSE ANY PIPING OF SUFFICIENT SIZE IN GOOD CONDITION. REROUTE AS REQUIRED PER FIELD CONDITIONS.
- WHERE EXISTING PIPING IS SHOWN TO BE REMOVED, CAP BRANCH PIPE IF NOT BEING USED FOR NEW CONSTRUCTION.

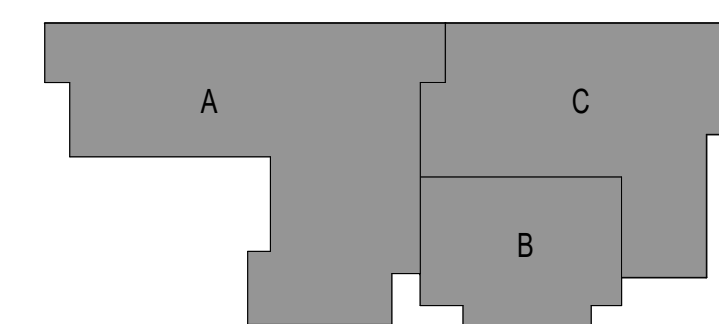
# DESIGN PROFESSIONAL



NAME: JUSTIN E. MONK, DE, LEED AP  
 COMPANY: MUERMANN ENGINEERING  
 EMAIL: JUSTIN@ME-PE.COM  
 PHONE: (920) 267 - 6088

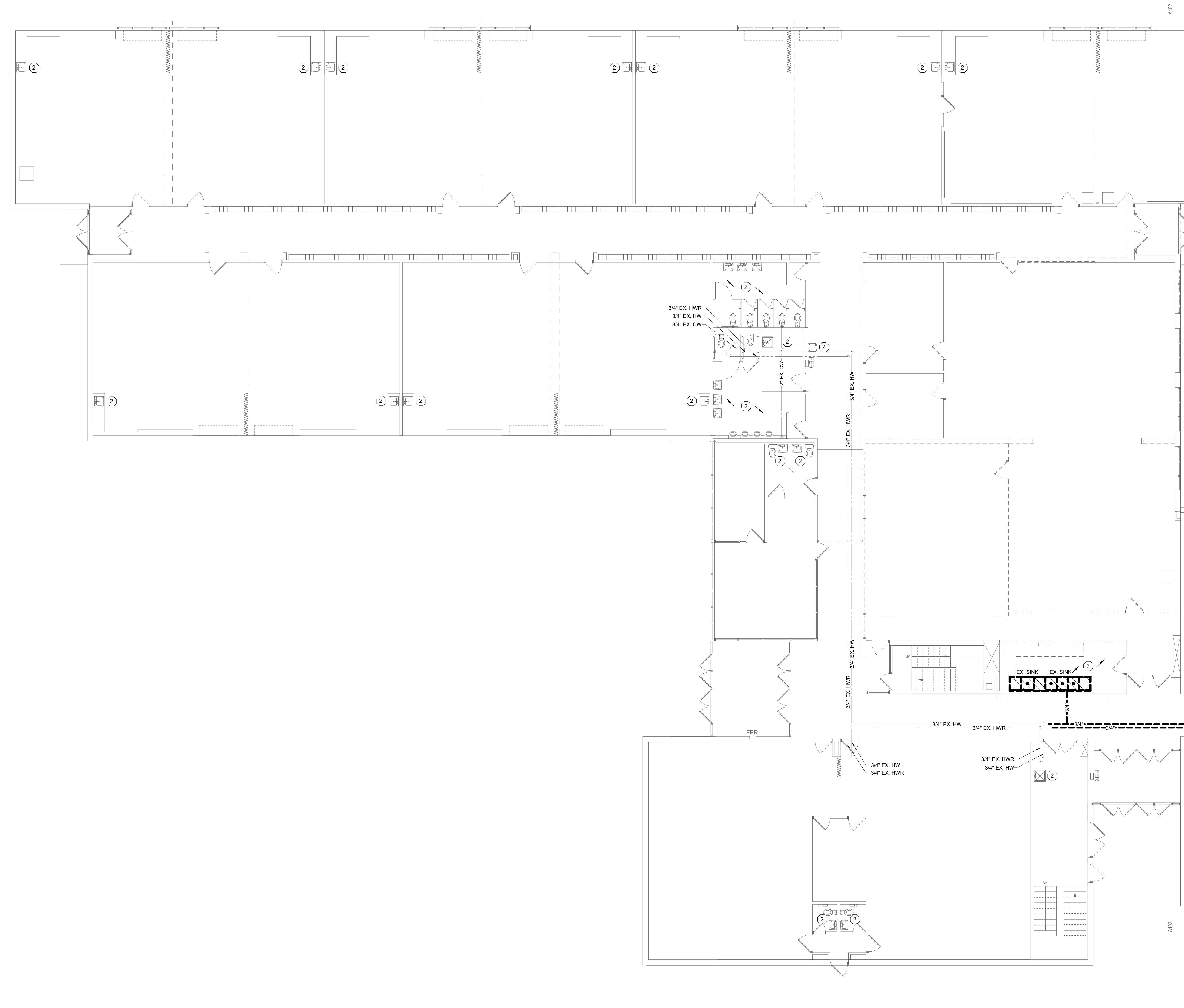
# SHEET INDEX - PLUMBING

SHEET NUMBER	SHEET NAME
P000	LEGEND AND GENERAL NOTES
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P102	FIRST FLOOR DEMOLITION PLAN - AREA B
P103	LOWER LEVEL DEMOLITION PLAN - AREA A
P201	FIRST FLOOR PLAN - AREA A
P202	FIRST FLOOR PLAN - AREA B
P203	LOWER LEVEL PLAN - AREA A
P204	FOUNDATION PLAN - AREA B
P205	ENLARGED KITCHEN AREA PLAN
P220	ROOF PLAN
P221	ROOF PLAN
P300	SANITARY ISOMETRIC
P301	SANITARY ISOMETRIC
P302	WATER AND GAS ISOMETRIC
P303	WATER ISOMETRIC
P304	STORM ISOMETRIC
P400	DETAILS
P500	SCHEDULES



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 EAST ELEMENTARY - ADDITION & RENOVATION  
 REVISIONS:  
 LEGEND AND GENERAL NOTES  
 CONSTRUCTION DOCUMENTS  
 BID PACKAGE  
 DATE: 09-13-19  
 JOB NO: 190106-03  
 SHEET NO:  
 P000



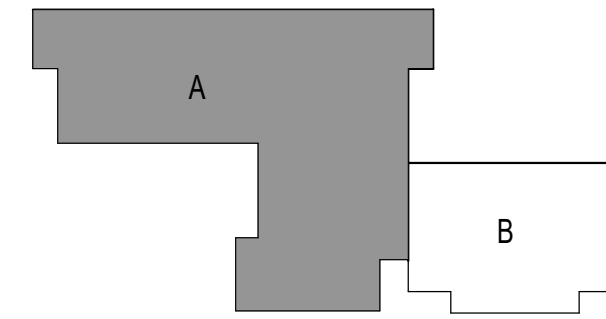
**DEMOLITION NOTES**

NOT ALL KEYNOTES APPEAR ON THIS SHEET

1. REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE(S) / EQUIPMENT IN THIS AREA. PLUG / CAP EXISTING PLUMBING SUPPLY PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING. WATER PIPING SHALL BE CAPPED BACK AT ACTIVE MAIN.
2. EXISTING PLUMBING FIXTURE(S) / EQUIPMENT IN THIS AREA SHALL REMAIN.
3. DISCONNECT ALL PLUMBING AND GAS SUPPLY PIPING TO EXISTING EQUIPMENT AS REQUIRED IN THIS AREA. EXISTING EQUIPMENT SHALL BE REMOVED BY THE GENERAL CONTRACTOR. PLUG / CAP EXISTING PLUMBING AND GAS SUPPLY PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING.
4. REMOVE AND DISPOSE OF EXISTING SANITARY PUMPS, BASIN COVER AND CONTROLS. EXISTING WASTE SUPPLY PIPING SHALL REMAIN FOR REUSE FOR NEW PLUMBING FIXTURE IN NEW CONSTRUCTION PHASE.

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**FIRST FLOOR DEMOLITION PLAN - AREA A**  
1/8" = 1'-0"



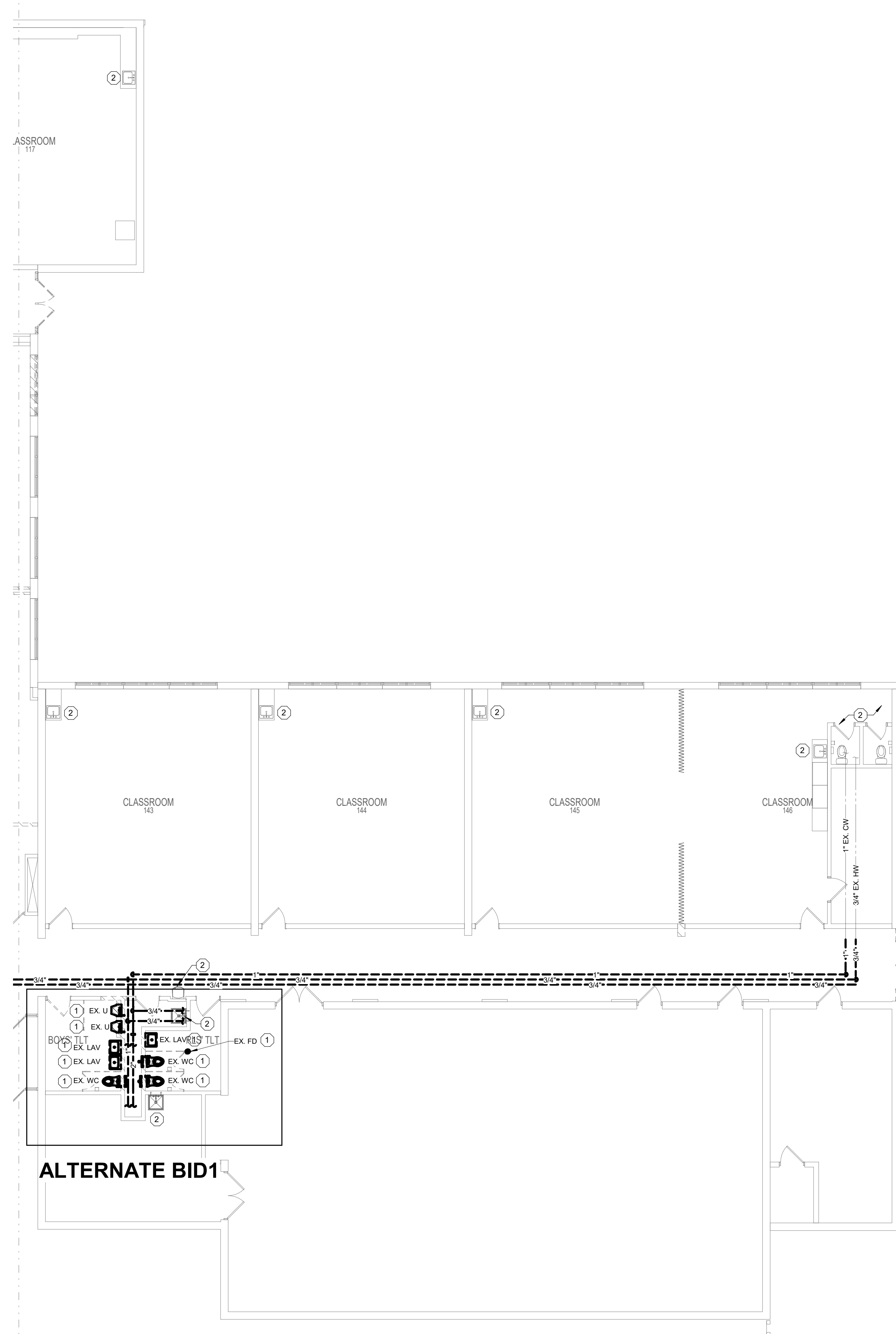
**KEY PLAN**

209 North Water Street  
 210 Concord Drive  
 1900 Main Street  
 Milwaukee, WI 53215  
 Madison, WI 53716  
 Sarasota, FL 34236  
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 SHEET NO:  
**P101**

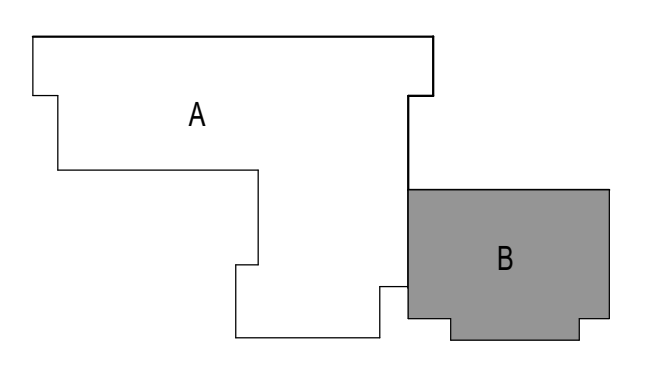


NORTH  
FIRST FLOOR DEMOLITION PLAN - AREA B  
1/8" = 1'-0"

ALTERNATE BID1

**DEMOLITION NOTES**

- ① NOT ALL KEYNOTES APPEAR ON THIS SHEET
- 1. REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE(S) / EQUIPMENT IN THIS AREA. PLUG / CAP EXISTING PLUMBING SUPPLY PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING. WATER PIPING SHALL BE CAPPED BACK AT ACTIVE MAIN.
- 2. EXISTING PLUMBING FIXTURE(S) / EQUIPMENT IN THIS AREA SHALL REMAIN.
- 3. DISCONNECT ALL PLUMBING AND GAS SUPPLY PIPING TO EXISTING EQUIPMENT AS REQUIRED IN THIS AREA. EXISTING EQUIPMENT SHALL BE REMOVED BY THE GENERAL CONTRACTOR. PLUG / CAP EXISTING PLUMBING AND GAS SUPPLY PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING.
- 4. REMOVE AND DISPOSE OF EXISTING SANITARY PUMPS, BASIN COVER AND CONTROLS. EXISTING WASTE SUPPLY PIPING SHALL REMAIN FOR REUSE FOR NEW PLUMBING FIXTURE IN NEW CONSTRUCTION PHASE.



KEY PLAN



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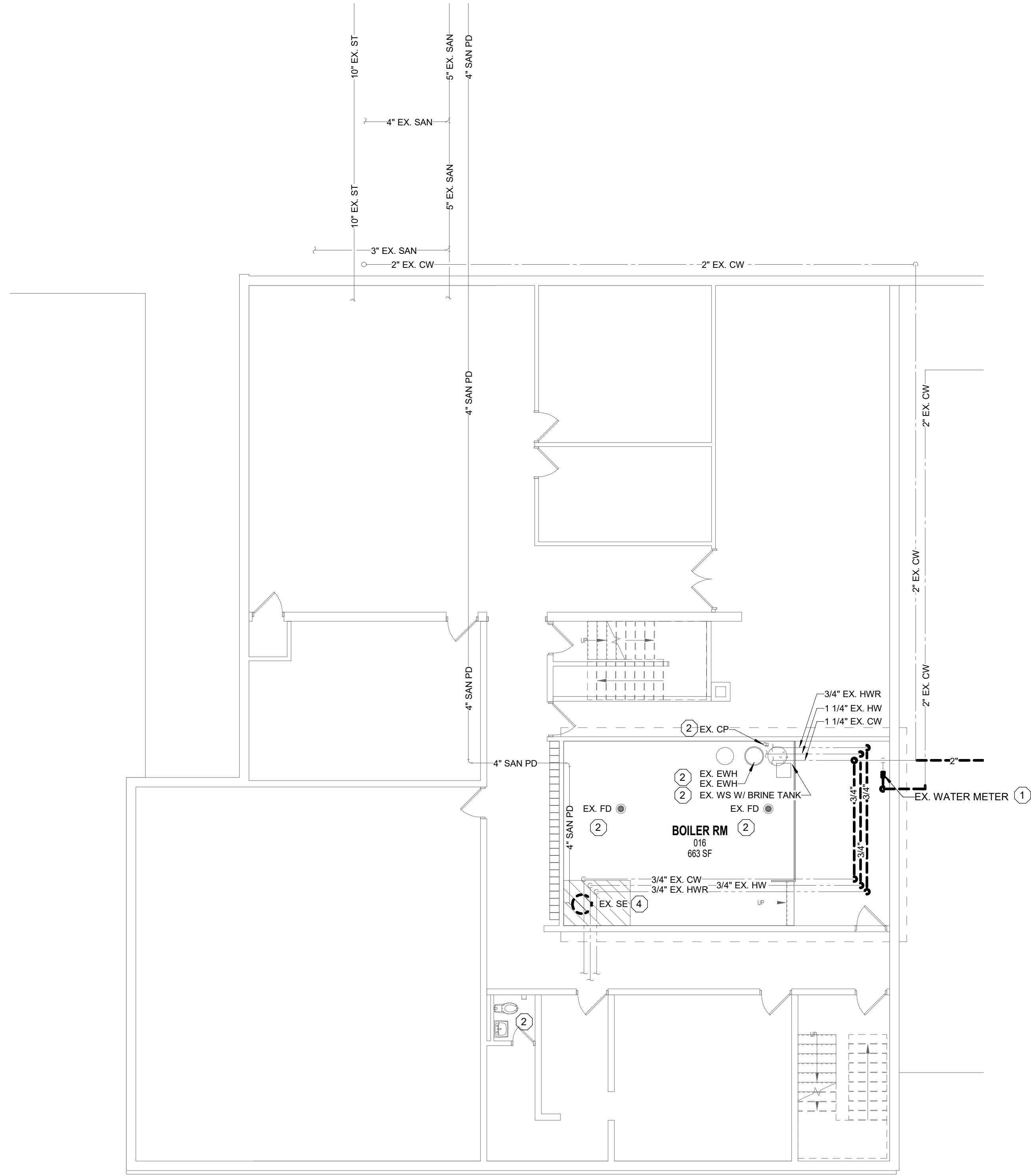
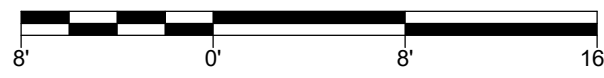
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 34236  
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**P102**

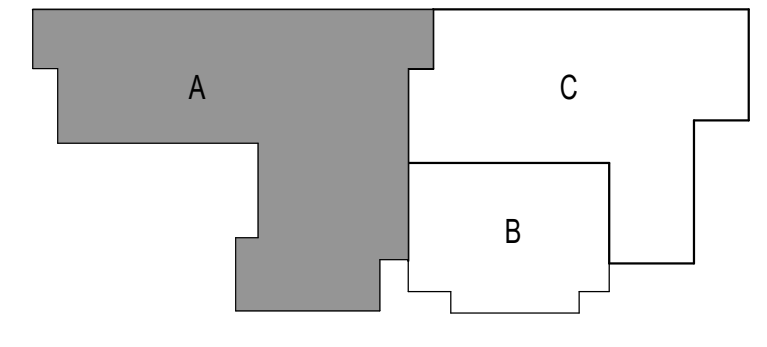
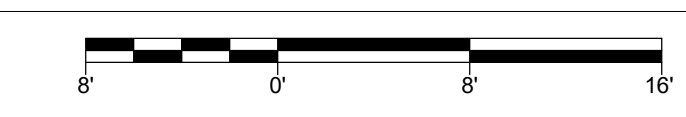
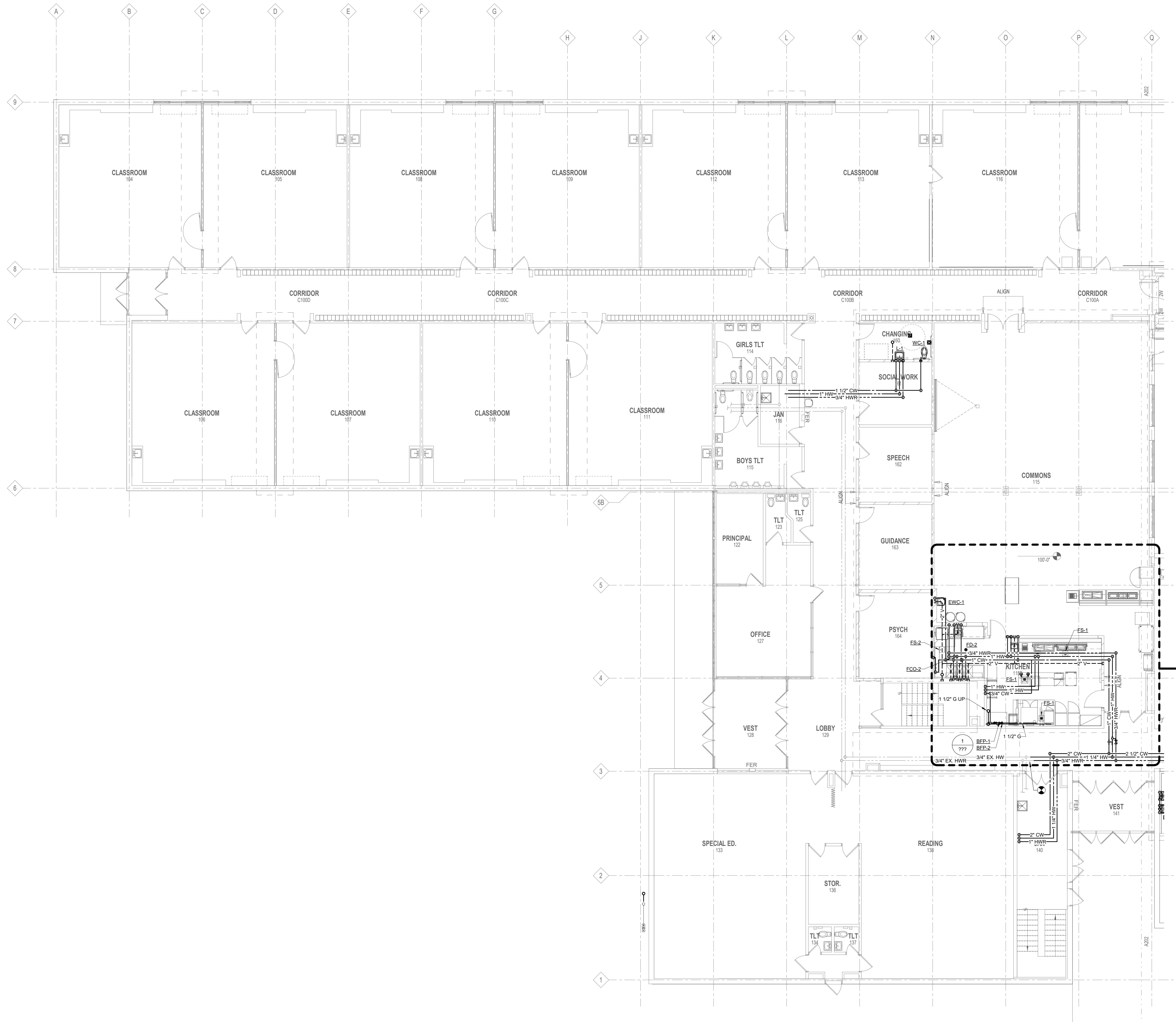
**LOWER LEVEL DEMOLITION PLAN - AREA A**  
1/8" = 1'-0"



**DEMOLITION NOTES**

- ④ NOT ALL KEYNOTES APPEAR ON THIS SHEET
- REMOVE AND DISPOSE OF EXISTING PLUMBING FIXTURE(S) / EQUIPMENT IN THIS AREA. PLUG / CAP EXISTING PLUMBING SUPPLY PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING. WATER PIPING SHALL BE CAPPED BACK AT ACTIVE MAIN.
  - EXISTING PLUMBING FIXTURE(S) / EQUIPMENT IN THIS AREA SHALL REMAIN.
  - DISCONNECT ALL PLUMBING AND GAS SUPPLY PIPING TO EXISTING EQUIPMENT AS REQUIRED IN THIS AREA. EXISTING EQUIPMENT SHALL BE REMOVED BY THE GENERAL CONTRACTOR. PLUG / CAP EXISTING PLUMBING AND GAS SUPPLY PIPING BELOW / BEHIND / ABOVE SURFACE OF NEW FINISHED FLOOR / WALL / CEILING.
  - REMOVE AND DISPOSE OF EXISTING SANITARY PUMPS, BASIN COVER AND CONTROLS. EXISTING WASTE SUPPLY PIPING SHALL REMAIN FOR REUSE FOR NEW PLUMBING FIXTURE IN NEW CONSTRUCTION PHASE.

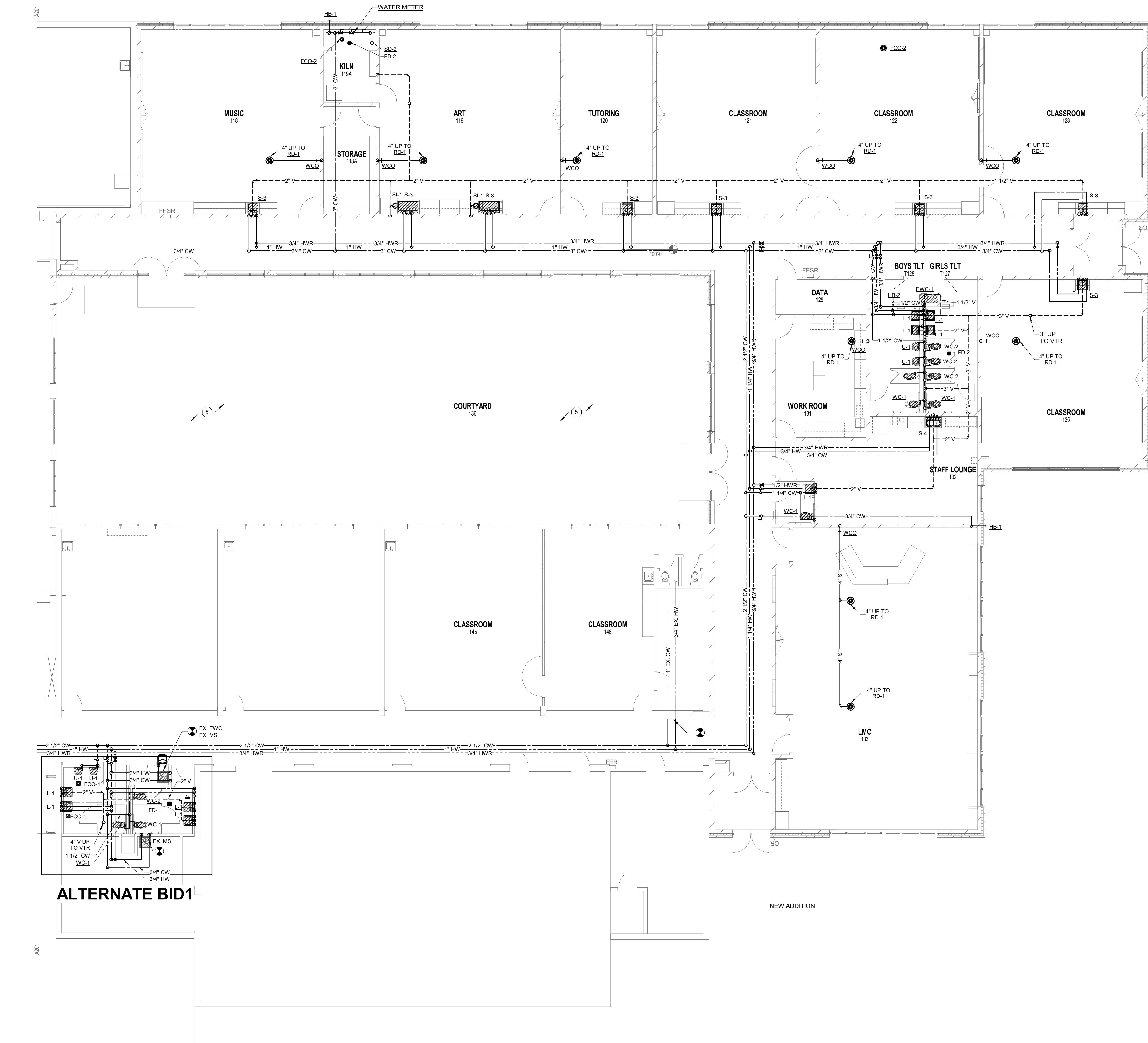




KEY PLAN

**INSTALLATION NOTES**

- # NOT ALL KEYNOTES APPEAR ON THIS SHEET
1. TERMINATE SANITARY DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO SANITARY SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
  2. TERMINATE STORM DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO STORM SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
  3. ROUTE PIPING UNDER HVAC DUCT AS REQUIRED. COORDINATE PIPE ROUTING IN THIS AREA WITH OTHER TRADES.
  4. INSTALL NEW PLUMBING FIXTURE AND ASSOCIATED TRIM. CONNECT TO EXISTING WATER AND WASTE SUPPLY PIPING. FIELD VERIFY EXISTING PIPING LOCATION AND REROUTE AND MODIFY EXISTING PIPING AS REQUIRED PER NEW PLUMBING FIXTURE ROUGH-IN REQUIREMENTS.
  5. SITE UTILITY CONTRACTOR TO PROVIDE STORM IN-LET AREA DRAIN 100 GPM. SEE CIVIL SHEETS FOR MORE INFORMATION.
  6. CONNECT TO EXISTING GAS PIPING DOWN STREAM OF GAS METER.

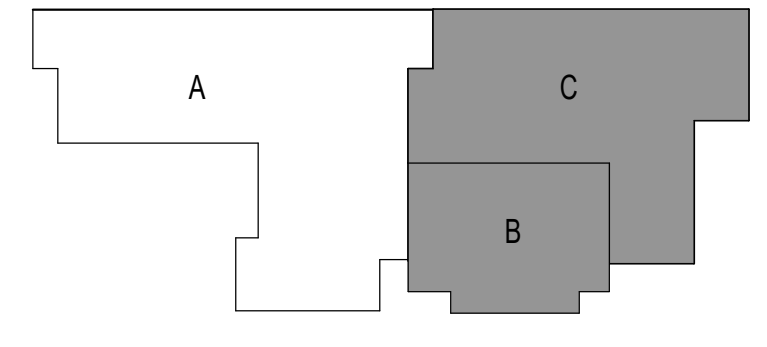


**ALTERNATE BID1**

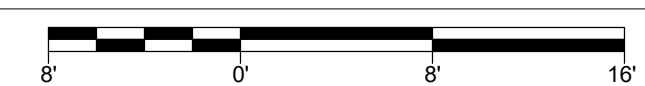
NEW ADDITION

- INSTALLATION NOTES**
- NOT ALL KEYNOTES APPEAR ON THIS SHEET
  - TERMINATE SANITARY DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO SANITARY SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
  - TERMINATE STORM DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO STORM SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
  - ROUTE PIPING UNDER HVAC DUCT AS REQUIRED. COORDINATE PIPE ROUTING IN THIS AREA WILL OTHER TRADES.
  - INSTALL NEW PLUMBING FIXTURE AND ASSOCIATED TRIM. CONNECT TO EXISTING WATER AND WASTE SUPPLY PIPING. FIELD VERIFY EXISTING PIPING LOCATION AND REROUTE AND MODIFY EXISTING PIPING AS REQUIRED PER NEW PLUMBING FIXTURE ROUGH-IN REQUIREMENTS.
  - SITE UTILITY CONTRACTOR TO PROVIDE STORM IN-LET AREA DRAIN 193 GPM. SEE CIVIL SHEETS FOR MORE INFORMATION.
  - CONNECT TO EXISTING GAS PIPING DOWN STREAM OF GAS METER.

NORTH  
FIRST FLOOR PLAN - AREA B  
1/8" = 1'-0"



KEY PLAN



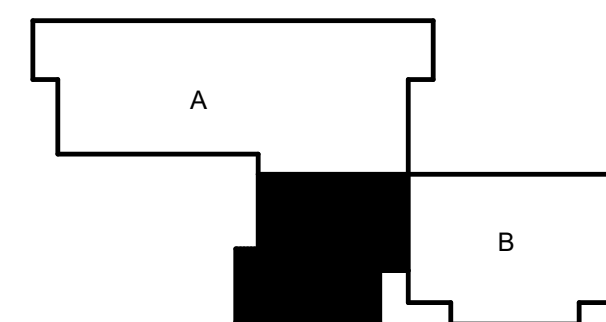
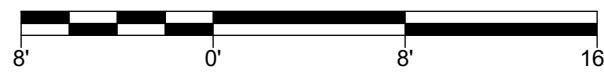
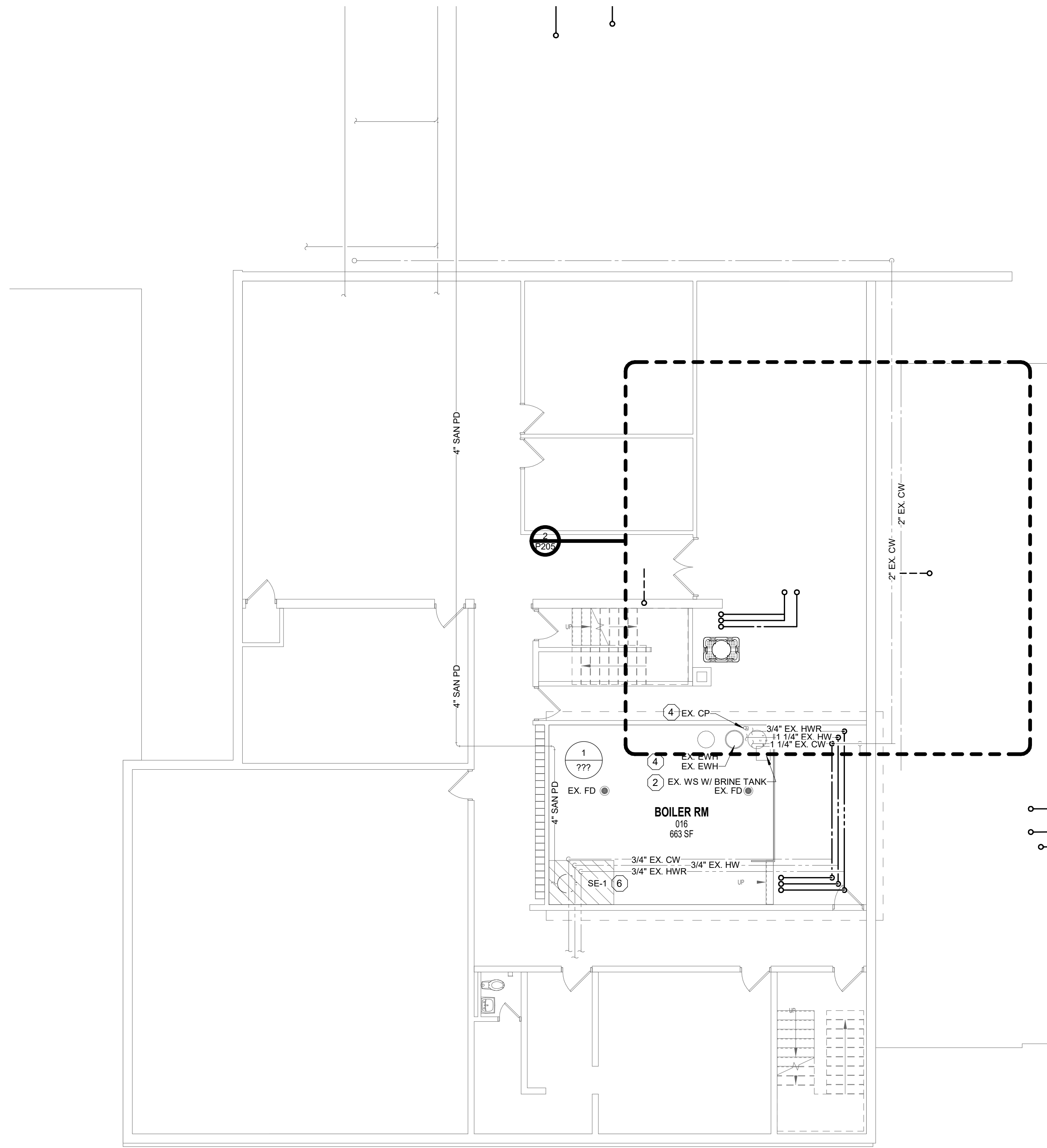
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NORTH  
LOWER LEVEL - AREA A  
1/8" = 1'-0"

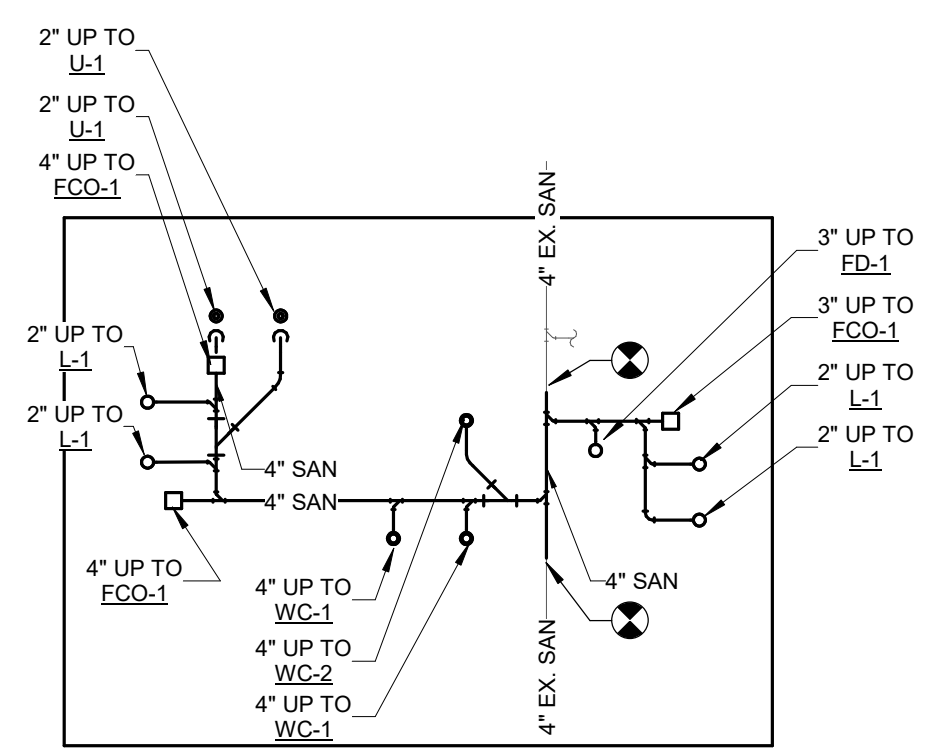
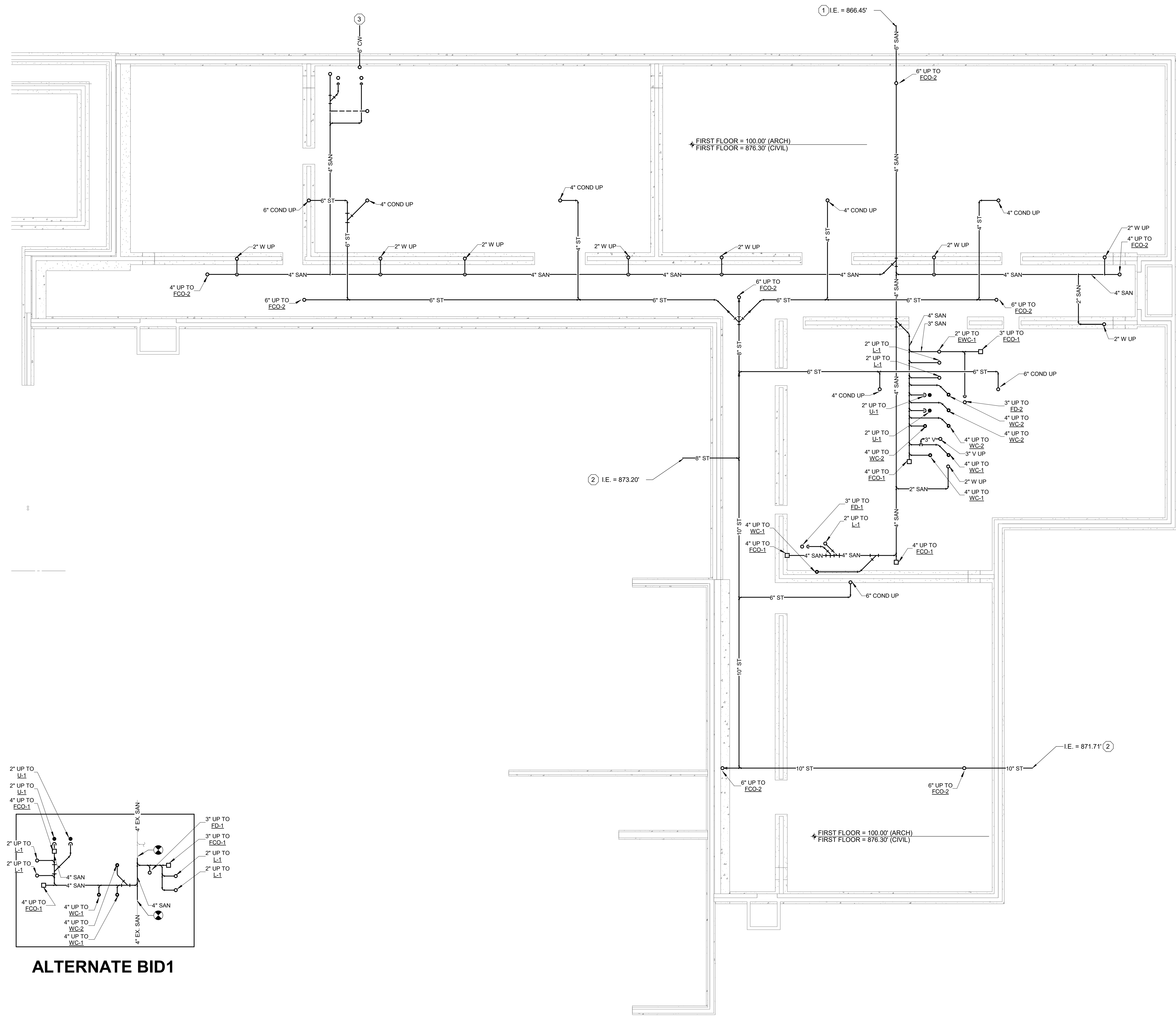


KEY PLAN

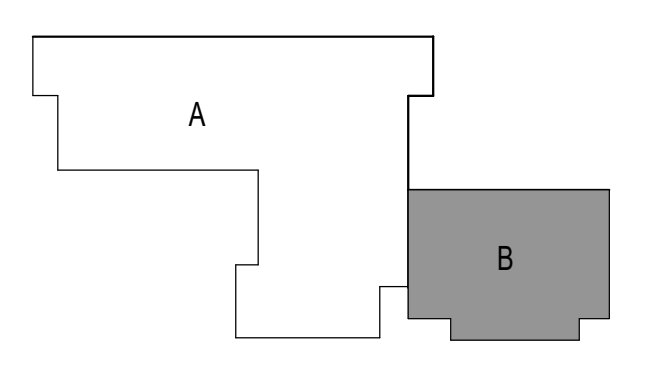
- INSTALLATION NOTES**
- # NOT ALL KEYNOTES APPEAR ON THIS SHEET
1. TERMINATE SANITARY DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO SANITARY SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
  2. TERMINATE STORM DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO STORM SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
  3. ROUTE PIPING UNDER HVAC DUCT AS REQUIRED. COORDINATE PIPE ROUTING IN THIS AREA WILL OTHER TRADES.
  4. INSTALL NEW PLUMBING FIXTURE AND ASSOCIATED TRIM. CONNECT TO EXISTING WATER AND WASTE SUPPLY PIPING. FIELD VERIFY EXISTING PIPING LOCATION AND REROUTE AND MODIFY EXISTING PIPING AS REQUIRED PER NEW PLUMBING FIXTURE ROUGH-IN REQUIREMENTS.
  5. SITE UTILITY CONTRACTOR TO PROVIDE STORM IN-LET AREA DRAIN 193 GPM. SEE CIVIL SHEETS FOR MORE INFORMATION.
  6. CONNECT TO EXISTING GAS PIPING DOWN STREAM OF GAS METER.

**INSTALLATION NOTES**

- 1. NOT ALL KEYNOTES APPEAR ON THIS SHEET
- 2. TERMINATE SANITARY DRAIN PIPING 6 FEET OUTSIDE OF BUILDING FOR EXTENSION TO SANITARY SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
- 3. TERMINATE STORM DRAIN PIPING 6 FEET OUTSIDE OF BUILDING FOR EXTENSION TO STORM SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
- 4. ROUTE PIPING UNDER HVAC DUCT AS REQUIRED. COORDINATE PIPE ROUTING IN THIS AREA WITH OTHER TRADES.
- 5. INSTALL NEW PLUMBING FIXTURE AND ASSOCIATED TRIM. CONNECT TO EXISTING WATER AND WASTE SUPPLY PIPING. FIELD VERIFY EXISTING PIPING LOCATION AND REROUTE AND MODIFY EXISTING PIPING AS REQUIRED PER NEW PLUMBING FIXTURE ROUGH-IN REQUIREMENTS.
- 6. SITE UTILITY CONTRACTOR TO PROVIDE STORM INLET AREA DRAIN 18" DSM. SEE CIVIL SHEETS FOR MORE INFORMATION.
- 7. CONNECT TO EXISTING GAS PIPING DOWN STREAM OF GAS METER.

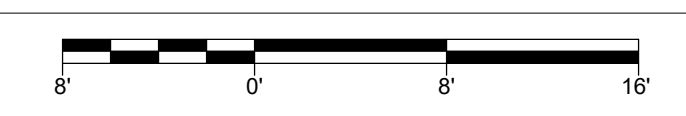


**ALTERNATE BID1**



**KEY PLAN**

NORTH  
FOUNDATION PLAN - AREA B  
1/8" = 1'-0"



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**P204**  
 FOUNDATION PLAN - AREA B

**KITCHEN EQUIPMENT  
INSTALLATION NOTES**

① NOT ALL KEYNOTES APPEAR ON THIS SHEET

PLUMBING CONTRACTOR SHALL PROVIDE FINAL PLUMBING CONNECTIONS TO OWNER FURNISHED KITCHEN EQUIPMENT.

SEE KITCHEN PLANS SHEETS FOR MORE INFORMATION OF CORRESPONDING EQUIPMENT TAGS.

SEE PLUMBING SHEETS FOR GENERAL PLUMBING INSTALLATION DETAILS AND FOR KITCHEN EQUIPMENT INSTALLATION DETAILS.

**INSTALLATION NOTES**

② NOT ALL KEYNOTES APPEAR ON THIS SHEET

1. TERMINATE SANITARY DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO SANITARY SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.

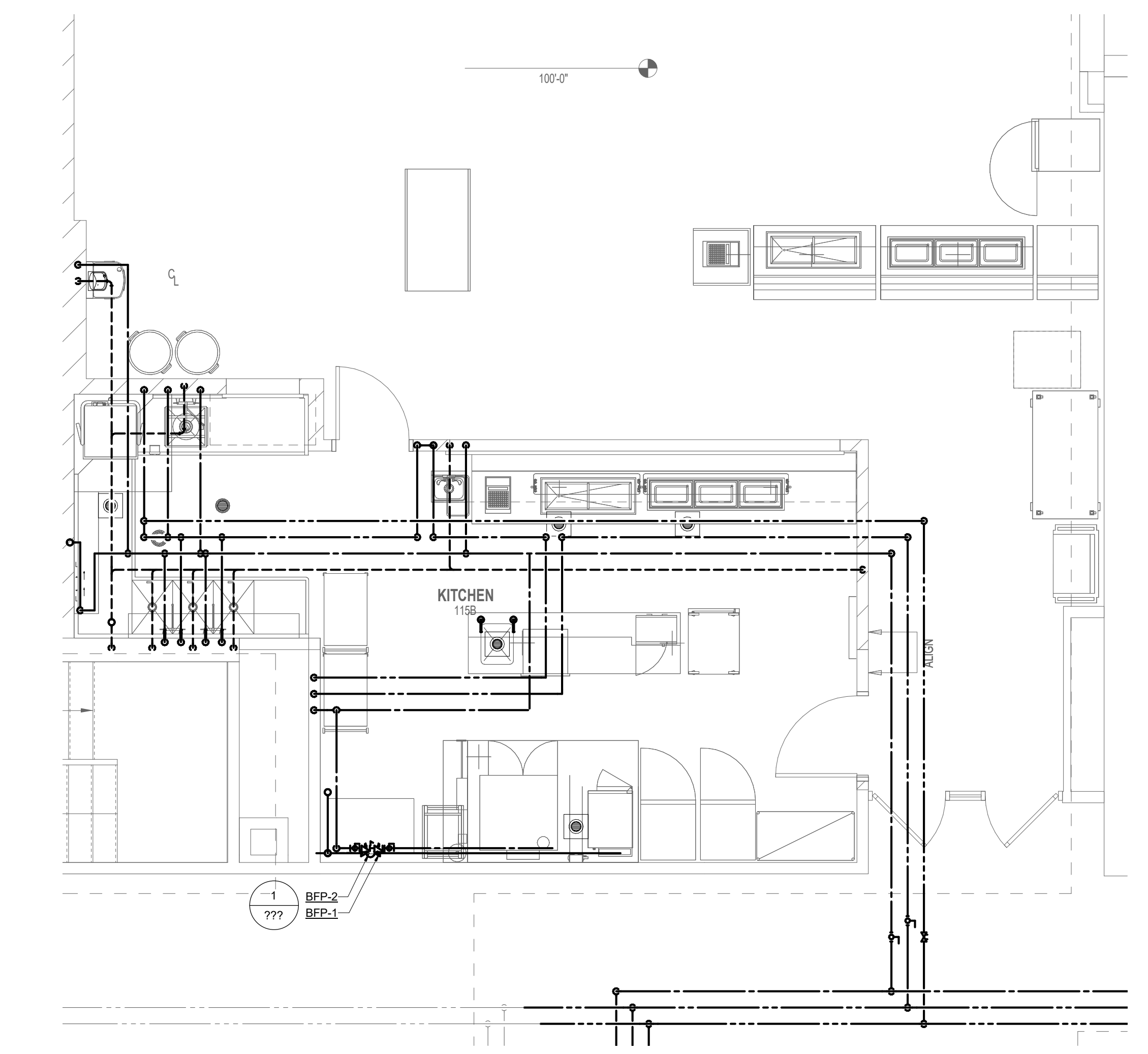
2. TERMINATE STORM DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO STORM SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.

3. ROUTE PIPING UNDER HVAC DUCT AS REQUIRED. COORDINATE PIPE ROUTING IN THIS AREA WITH OTHER TRADES.

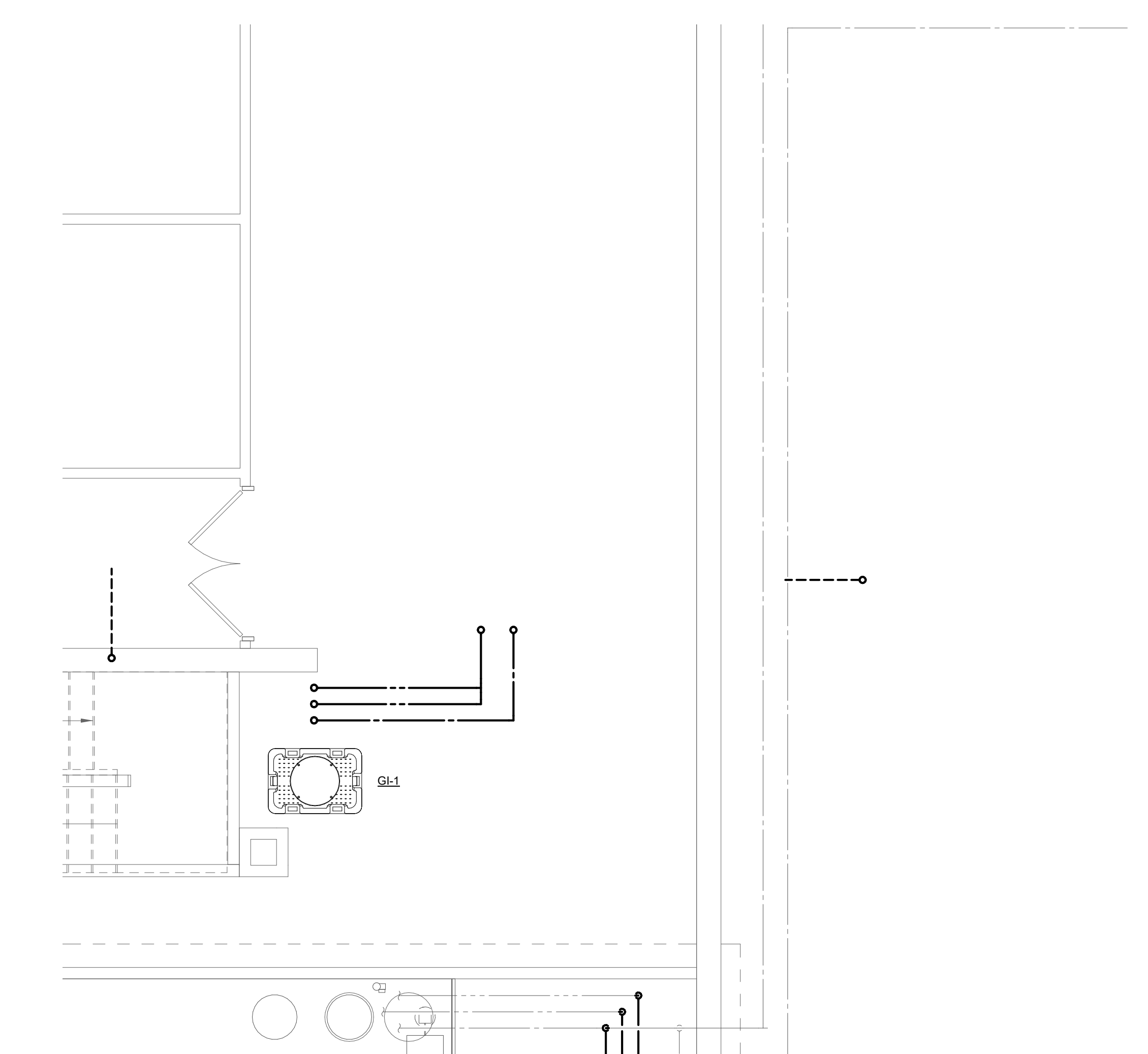
4. INSTALL NEW PLUMBING FIXTURE AND ASSOCIATED TRIM. CONNECT TO EXISTING WATER AND WASTE SUPPLY PIPING. FIELD VERIFY EXISTING PIPING LOCATION AND REROUTE AND MODIFY EXISTING PIPING AS REQUIRED PER NEW PLUMBING FIXTURE ROUGH-IN REQUIREMENTS.

5. SITE UTILITY CONTRACTOR TO PROVIDE STORM IN-LET AREA DRAIN 193 GPM. SEE CIVIL SHEETS FOR MORE INFORMATION.

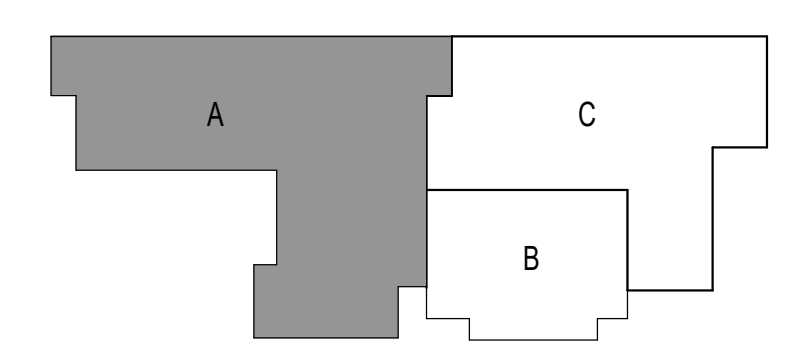
6. CONNECT TO EXISTING GAS PIPING DOWN STREAM OF GAS METER.



NORTH  
ENLARGED KITCHEN AREA FIRST FLOOR PLAN  
1/4" = 1'-0"



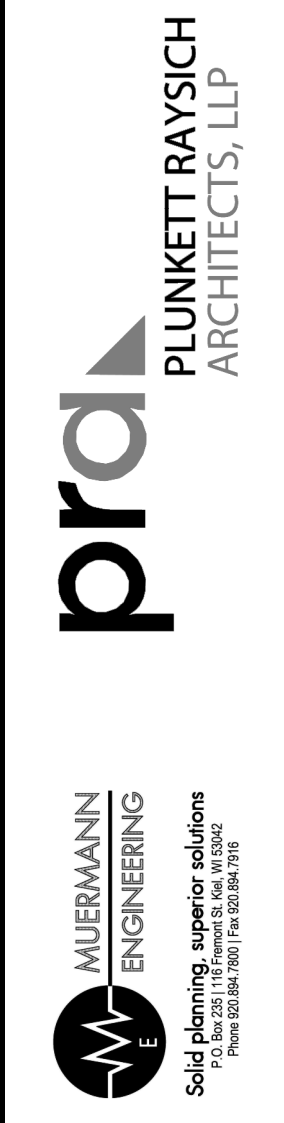
NORTH  
ENLARGED KITCHEN AREA UNDER FLOOR PLAN  
1/4" = 1'-0"



KEY PLAN

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 209 South Water Street  
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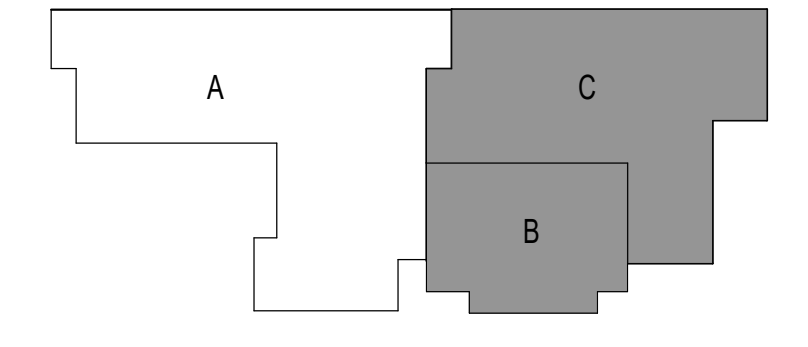
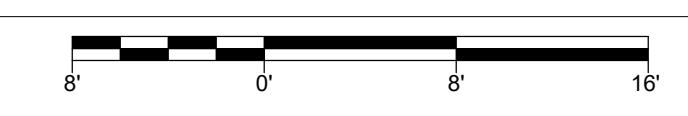
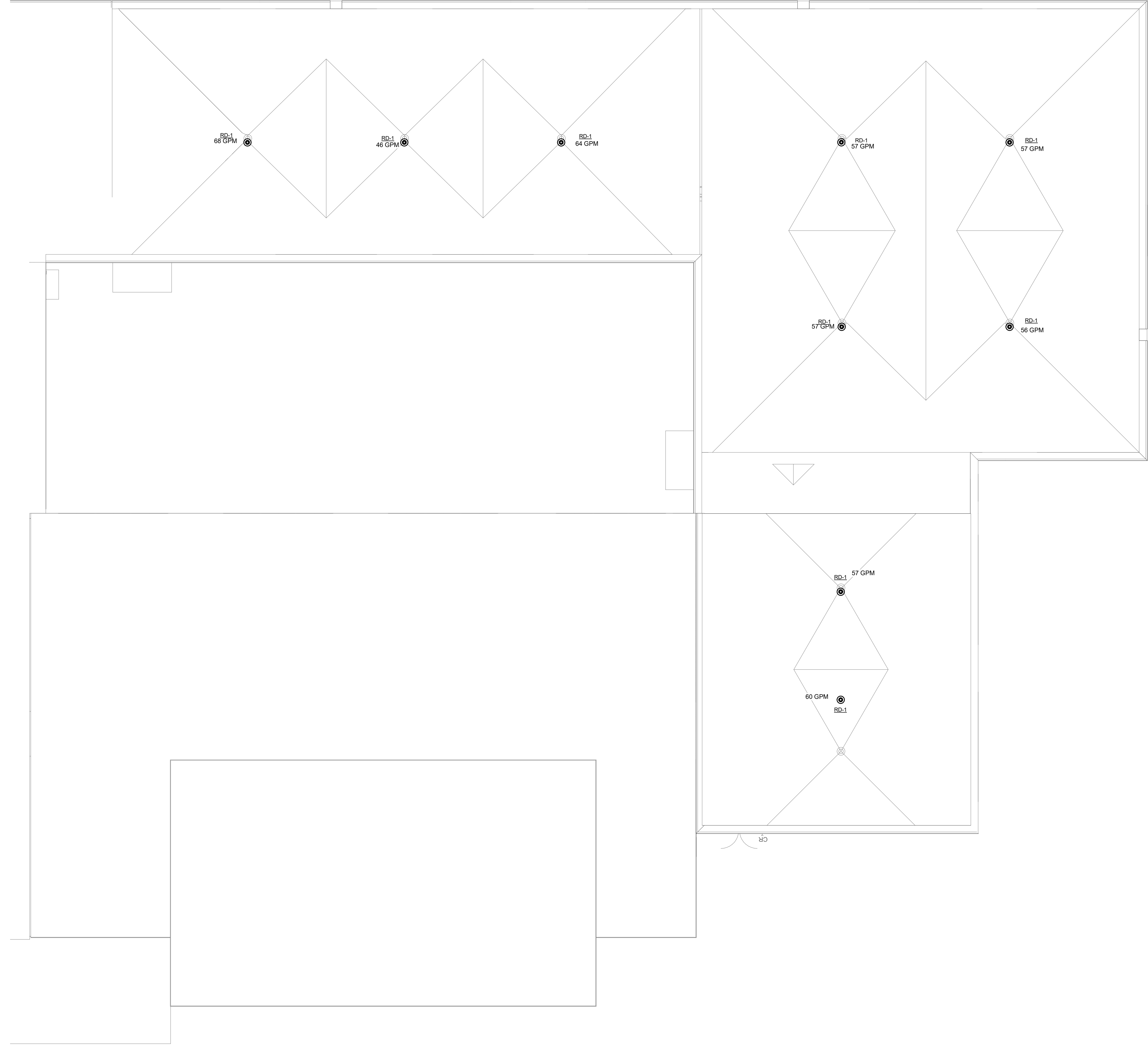


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 ENLARGED KITCHEN AREA PLAN  
 P205

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**ROOF PLAN - AREA B**  
1/8" = 1'-0"



**KEY PLAN**

**INSTALLATION NOTES**

1. NOT ALL KEYNOTES APPEAR ON THIS SHEET
1. TERMINATE SANITARY DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO SANITARY SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
2. TERMINATE STORM DRAIN PIPING 5 FEET OUTSIDE OF BUILDING FOR EXTENSION TO STORM SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
3. ROUTE PIPING UNDER HVAC DUCT AS REQUIRED. COORDINATE PIPE ROUTING IN THIS AREA WITH OTHER TRADES.
4. INSTALL NEW PLUMBING FIXTURE AND ASSOCIATED TRIM. CONNECT TO EXISTING WATER AND WASTE SUPPLY PIPING. FIELD VERIFY EXISTING PIPING LOCATION AND REROUTE AND MODIFY EXISTING PIPING AS REQUIRED PER NEW PLUMBING FIXTURE ROUGH-IN REQUIREMENTS.
5. SITE UTILITY CONTRACTOR TO PROVIDE STORM INLET AREA DRAIN 163 GPM. SEE CIVIL SHEETS FOR MORE INFORMATION.
6. CONNECT TO EXISTING GAS PIPING DOWN STREAM OF GAS METER.

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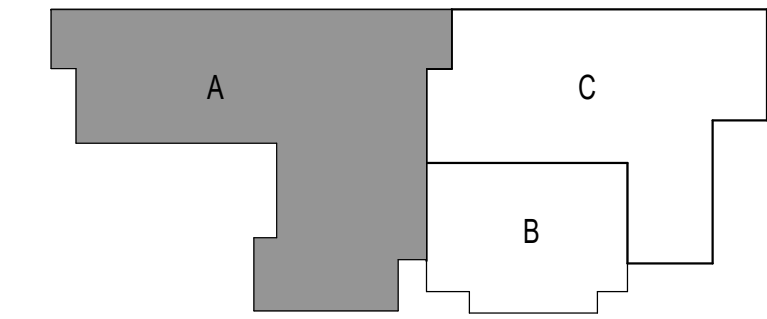
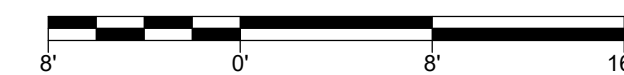
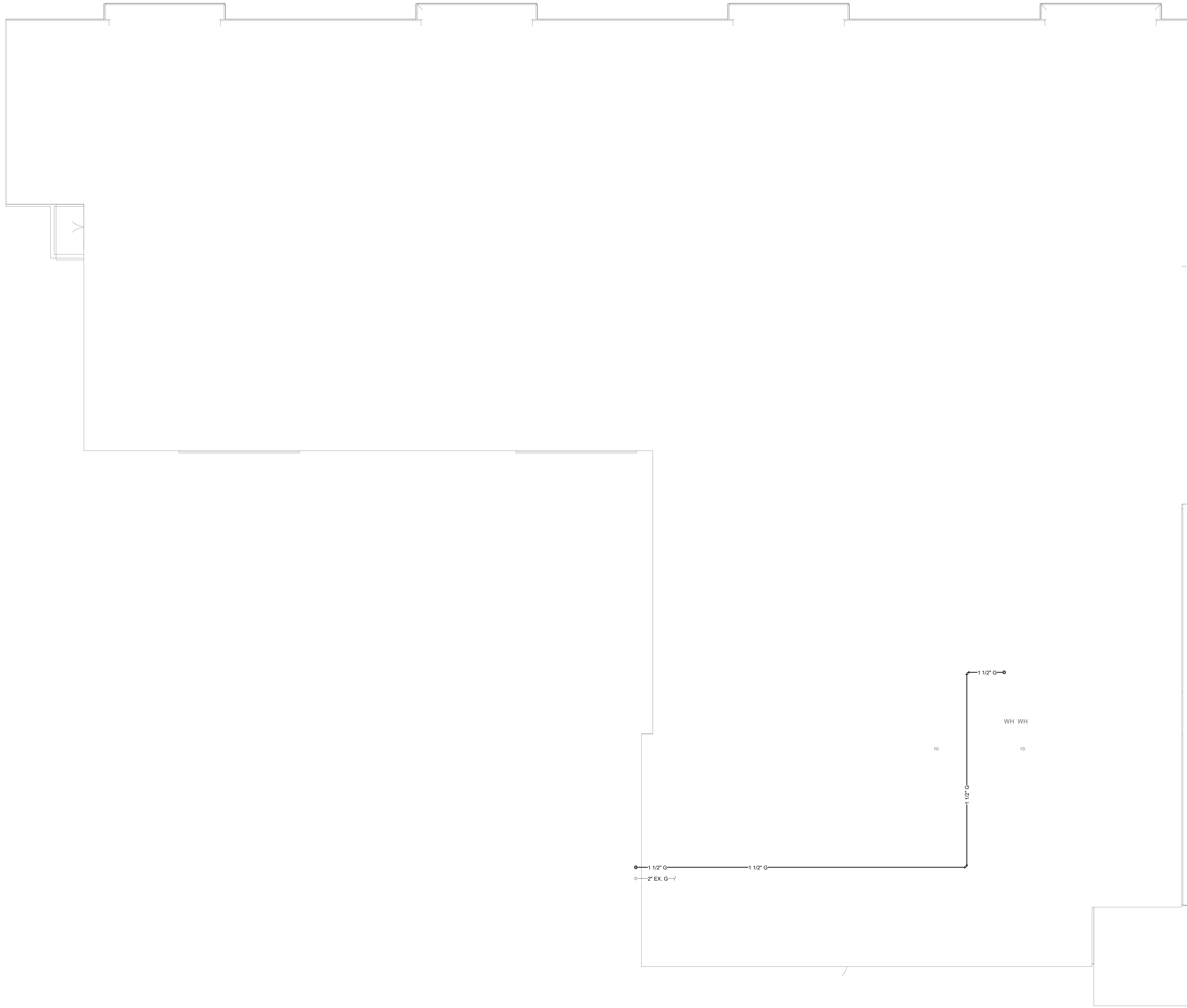
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**P220**

ROOF PLAN

NORTH  
ROOF PLAN - AREA A  
1/8" = 1'-0"

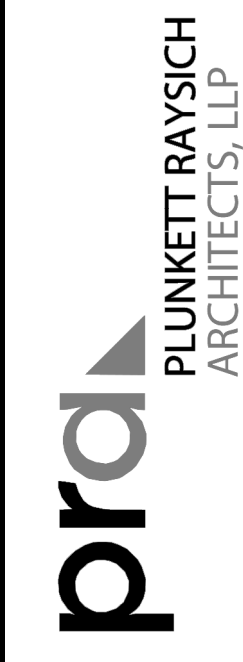
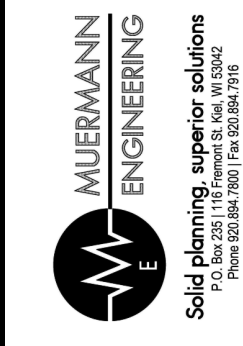


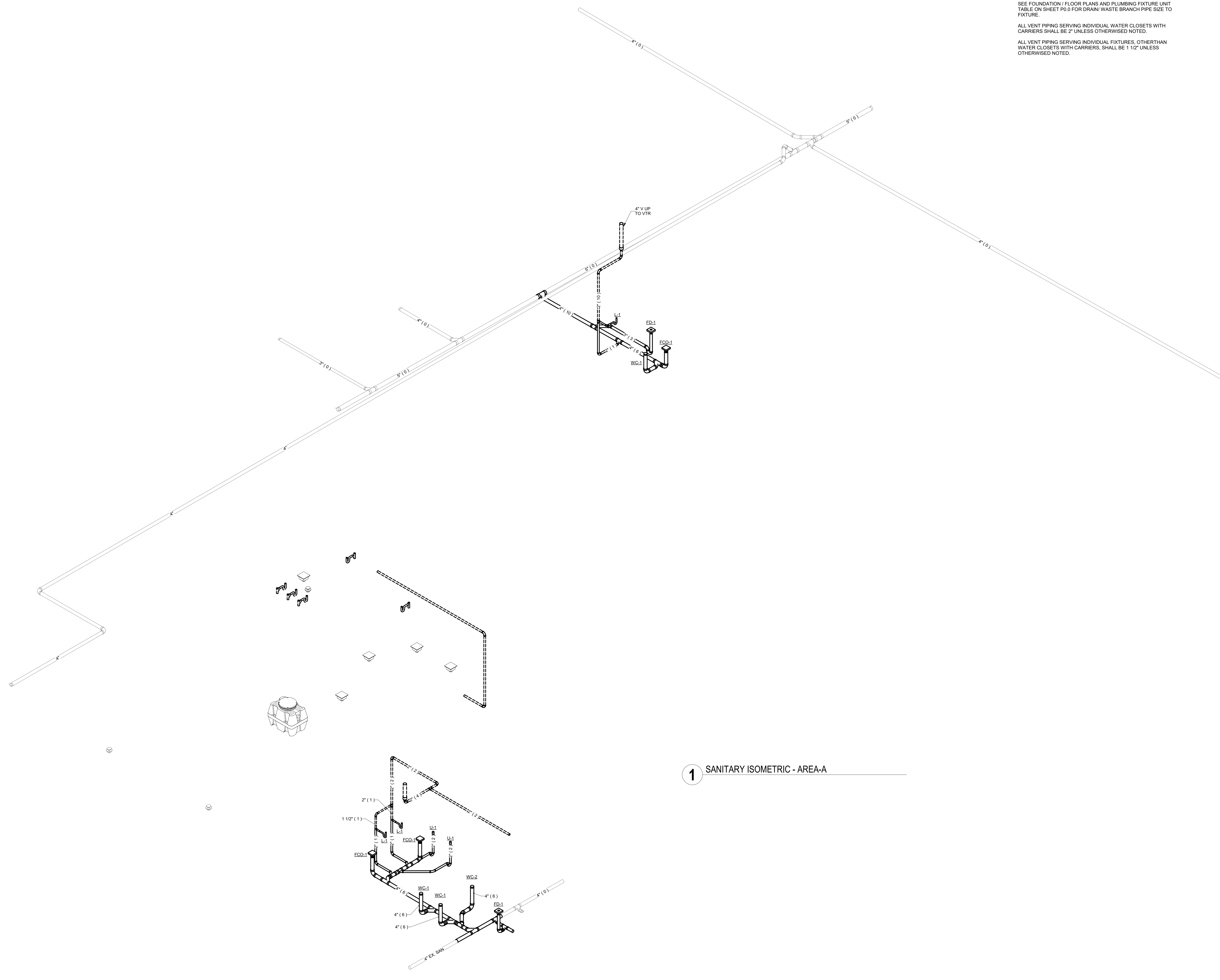
KEY PLAN

**INSTALLATION NOTES**

- ① NOT ALL KEYNOTES APPEAR ON THIS SHEET
- 1. TERMINATE SANITARY DRAIN PIPING 6 FEET OUTSIDE OF BUILDING FOR EXTENSION TO SANITARY SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
- 2. TERMINATE STORM DRAIN PIPING 6 FEET OUTSIDE OF BUILDING FOR EXTENSION TO STORM SEWER BY SITE UTILITY CONTRACTOR. FIELD VERIFY INVERT ELEVATIONS. SEE CIVIL SHEETS FOR MORE INFORMATION.
- 3. ROUTE PIPING UNDER HVAC DUCT AS REQUIRED. COORDINATE PIPE ROUTING IN THIS AREA WITH OTHER TRADES.
- 4. INSTALL NEW PLUMBING FIXTURE AND ASSOCIATED TRIM. CONNECT TO EXISTING WATER AND WASTE SUPPLY PIPING. FIELD VERIFY EXISTING PIPING LOCATION AND REROUTE AND MODIFY EXISTING PIPING AS REQUIRED PER NEW PLUMBING FIXTURE ROUGH-IN REQUIREMENTS.
- 5. SITE UTILITY CONTRACTOR TO PROVIDE STORM INLET AREA DRAIN 183 GPM. SEE CIVIL SHEETS FOR MORE INFORMATION.
- 6. CONNECT TO EXISTING GAS PIPING DOWN STREAM OF GAS METER.

CONSTRUCTION DOCUMENTS  
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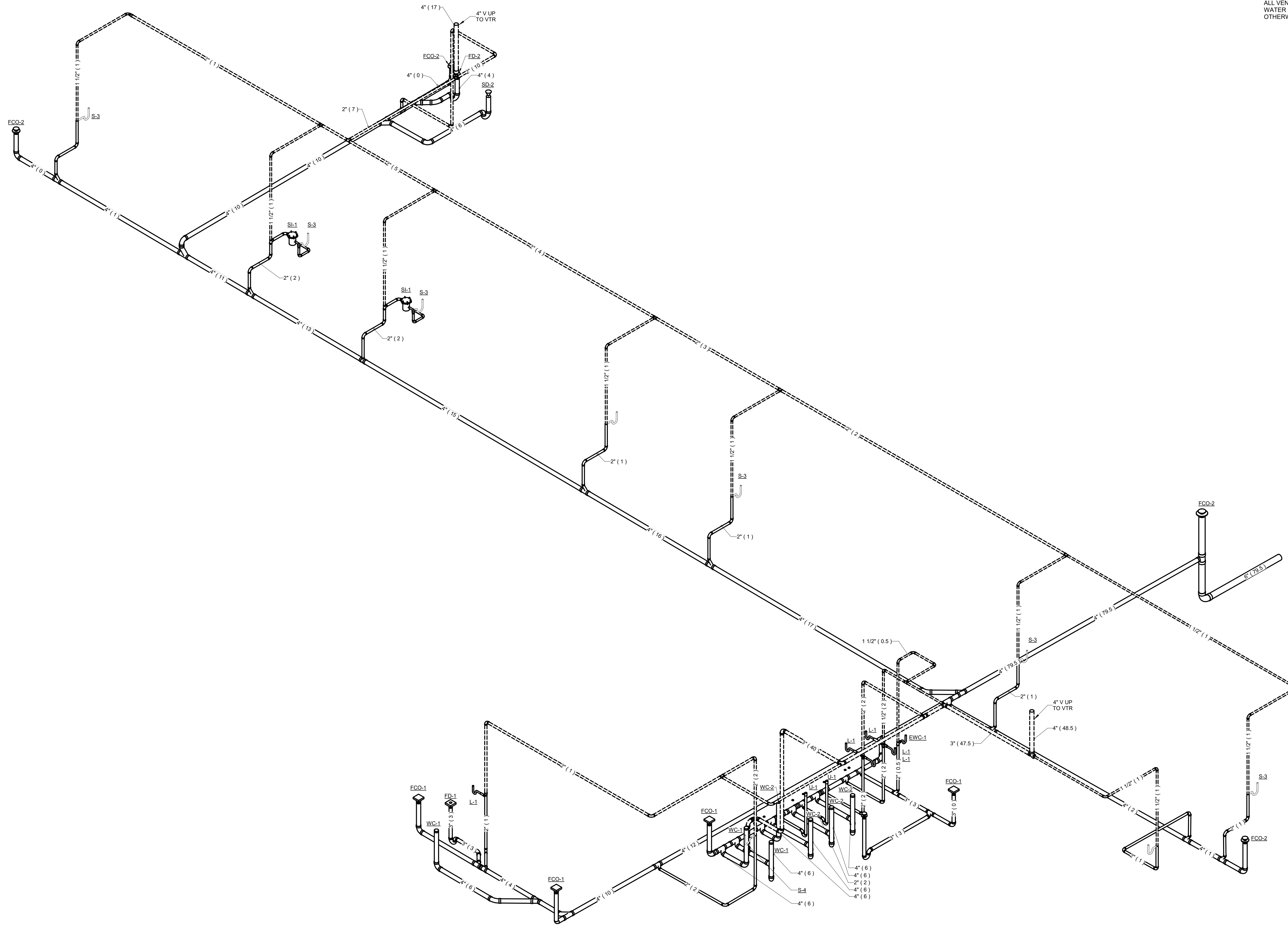


**SANITARY ISOMETRIC NOTES**  
 SEE FOUNDATION / FLOOR PLANS AND PLUMBING FIXTURE UNIT TABLE ON SHEET P0.0 FOR DRAIN/WASTE BRANCH PIPE SIZE TO FIXTURE.  
 ALL VENT PIPING SERVING INDIVIDUAL WATER CLOSETS WITH CARRIERS SHALL BE 2" UNLESS OTHERWISE NOTED.  
 ALL VENT PIPING SERVING INDIVIDUAL FIXTURES, OTHER THAN WATER CLOSETS WITH CARRIERS, SHALL BE 1 1/2" UNLESS OTHERWISE NOTED.

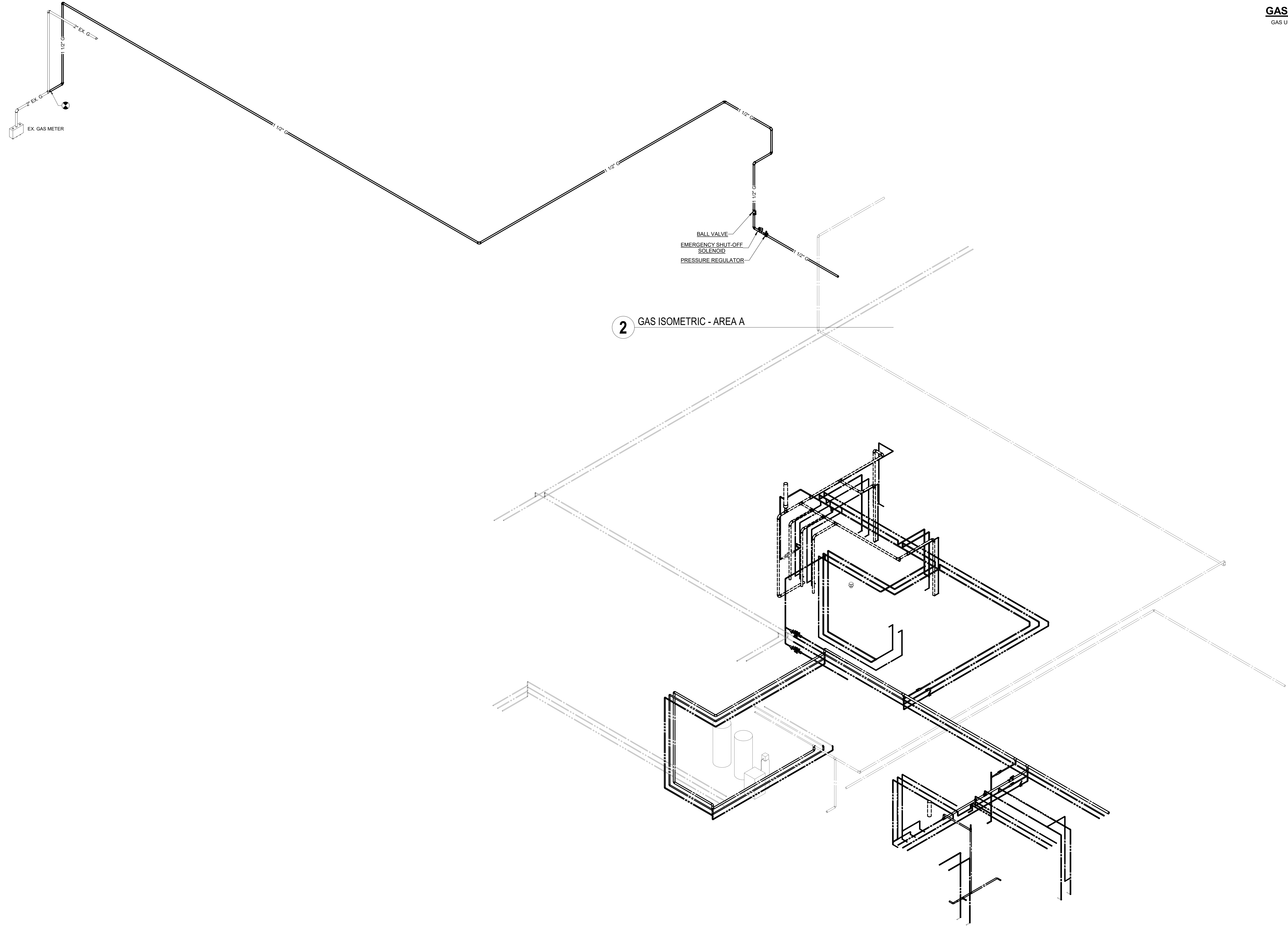
**1** SANITARY ISOMETRIC - AREA-A



1 SANITARY ISOMETRIC - AREA-B



**SANITARY ISOMETRIC NOTES**  
 SEE FOUNDATION / FLOOR PLANS AND PLUMBING FIXTURE UNIT TABLE ON SHEET P0.0 FOR DRAIN/WASTE BRANCH PIPE SIZE TO FIXTURE.  
 ALL VENT PIPING SERVING INDIVIDUAL WATER CLOSETS WITH CARRIERS SHALL BE 2" UNLESS OTHERWISE NOTED.  
 ALL VENT PIPING SERVING INDIVIDUAL FIXTURES, OTHER THAN WATER CLOSETS WITH CARRIERS, SHALL BE 1 1/2" UNLESS OTHERWISE NOTED.



1 WATER ISOMETRIC - AREA A

2 GAS ISOMETRIC - AREA A

**WATER ISOMETRIC NOTES**  
 SEE FOUNDATION / FLOOR PLANS AND PLUMBING FIXTURE UNIT TABLE ON SHEET P0.0 FOR WATER BRANCH PIPE SIZE TO FIXTURE.  
 PROVIDE WATER HAMMER ARRESTORS ON ALL INDIVIDUAL FLUSH VALVES OR BANK OF FLUSH VALVES.

**GAS ISOMETRIC NOTES**  
 GAS UNITS VALUES ARE SHOWN AS CFH.

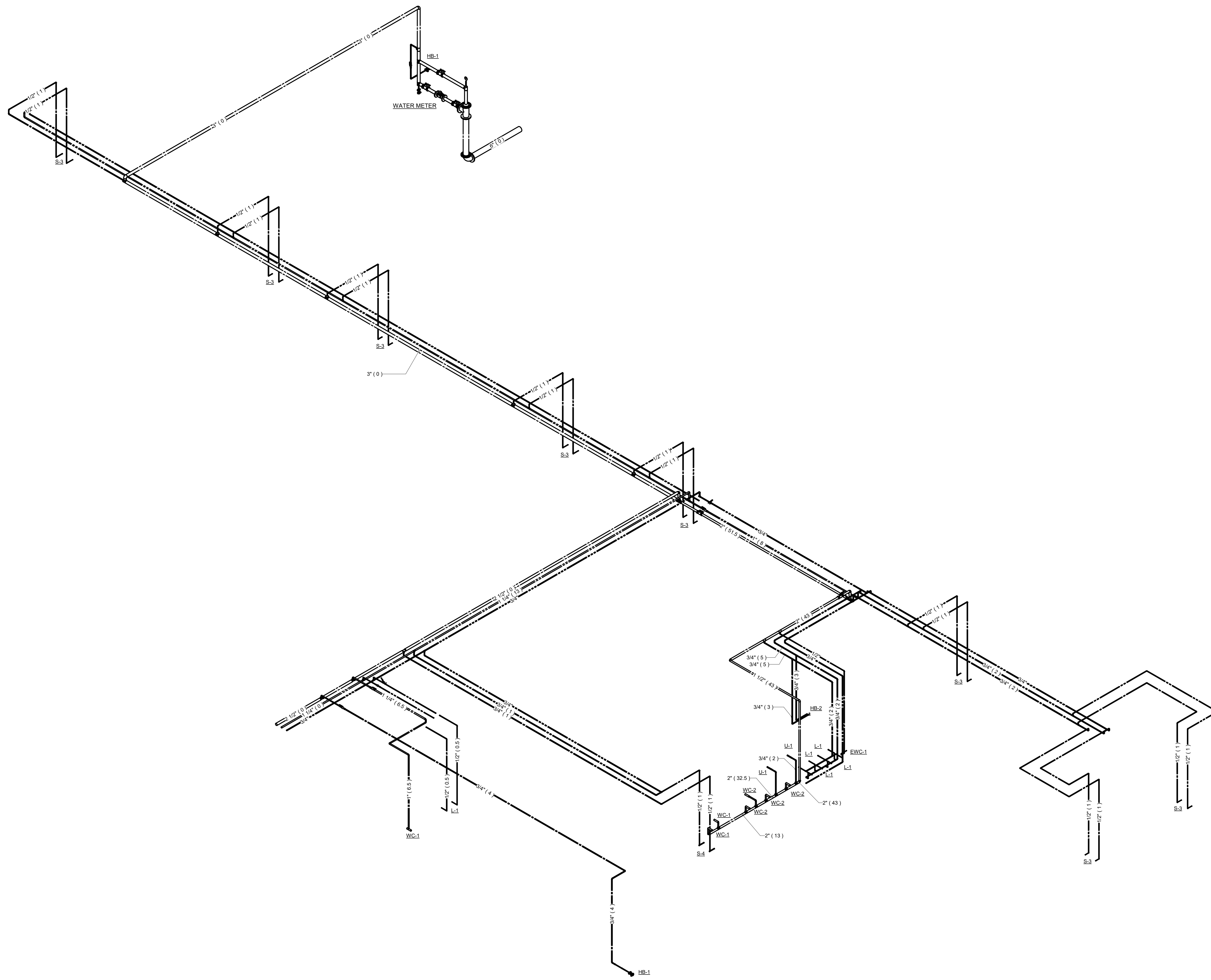
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1 WATER ISOMETRIC - AREA B

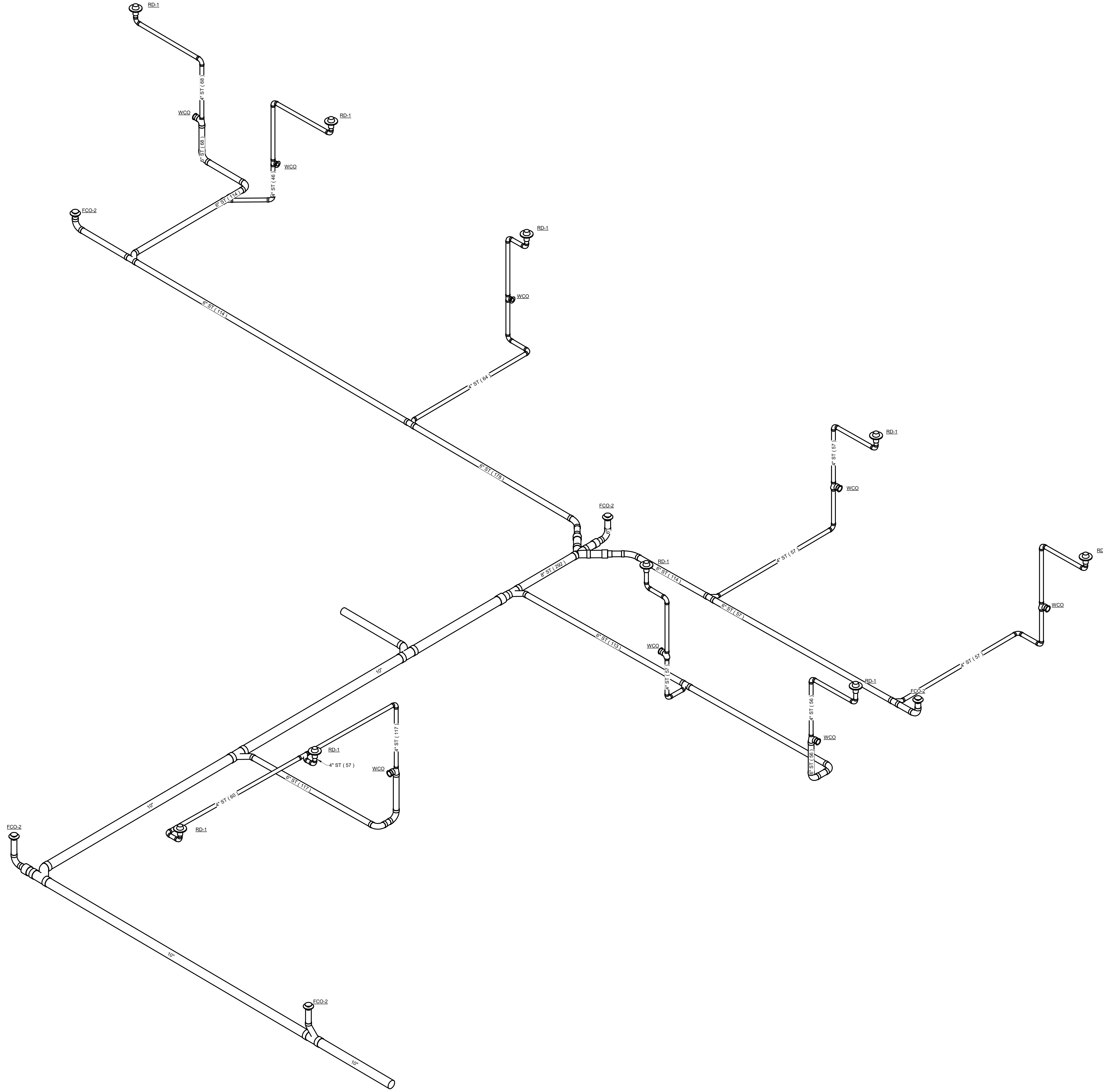
**WATER ISOMETRIC NOTES**

SEE FOUNDATION / FLOOR PLANS AND PLUMBING FIXTURE UNIT TABLE ON SHEET P0.0 FOR WATER BRANCH PIPE SIZE TO FIXTURE.

PROVIDE WATER HAMMER ARRESTORS ON ALL INDIVIDUAL FLUSH VALVES OR BANK OF FLUSH VALVES.

**STORM AND CLEAR WATER  
ISOMETRIC NOTES**

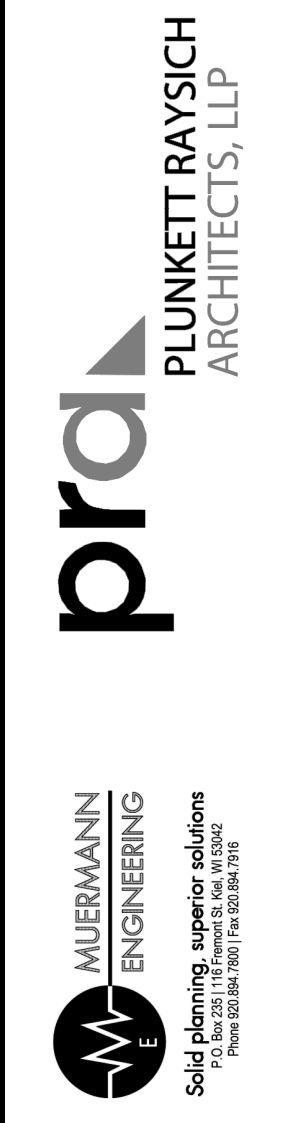
UNIT VALUES ARE SHOWN AS GALLONS PER MINUTE.



**1** STORM ISOMETRIC - AREA B

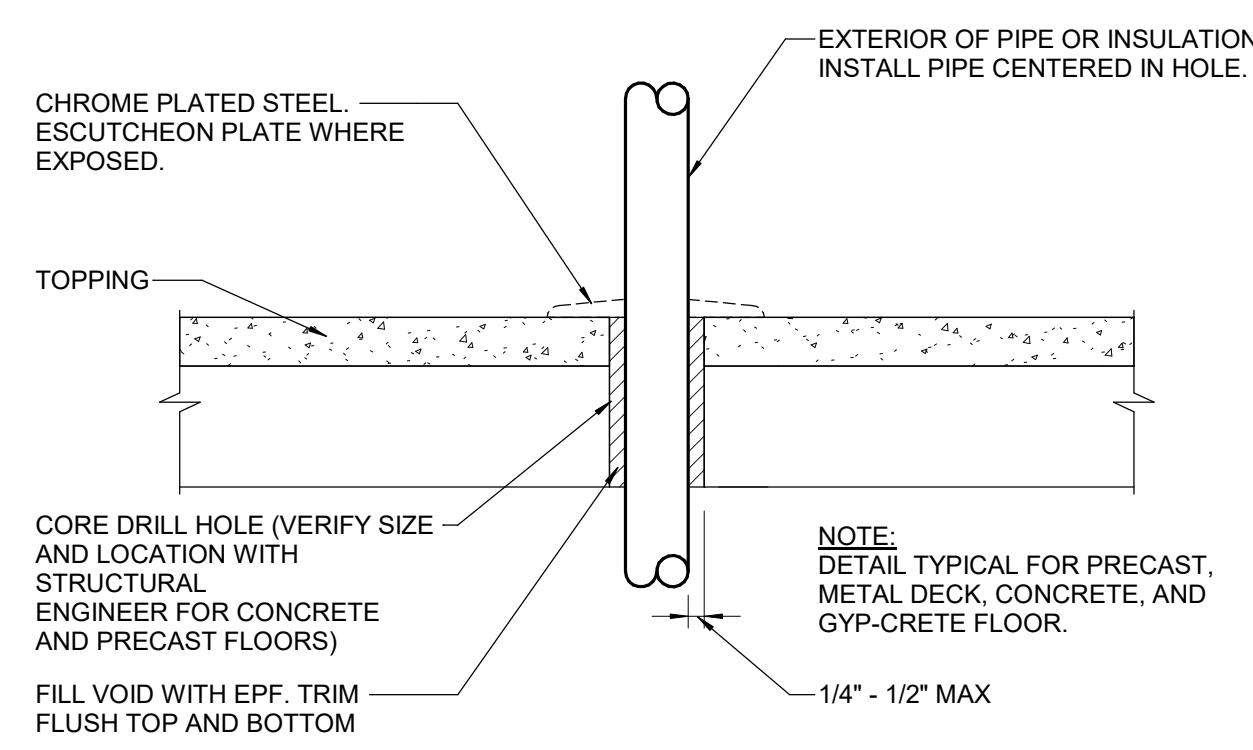
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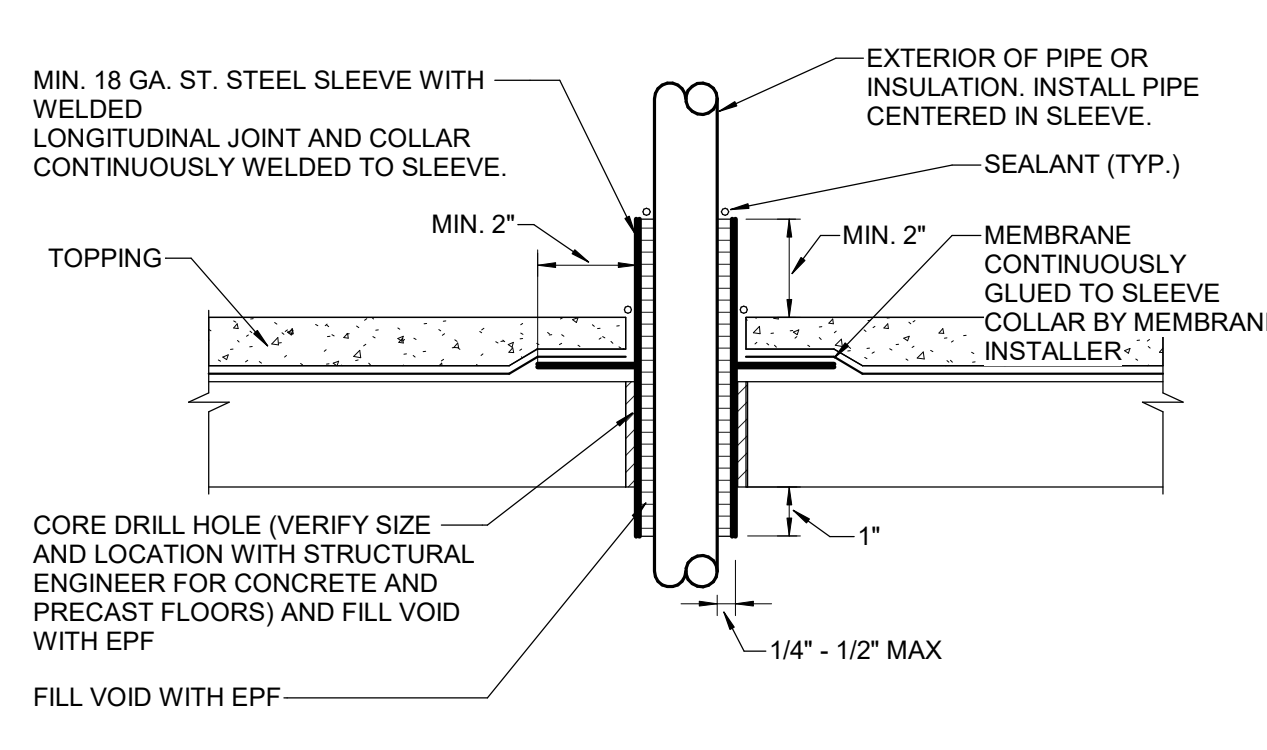


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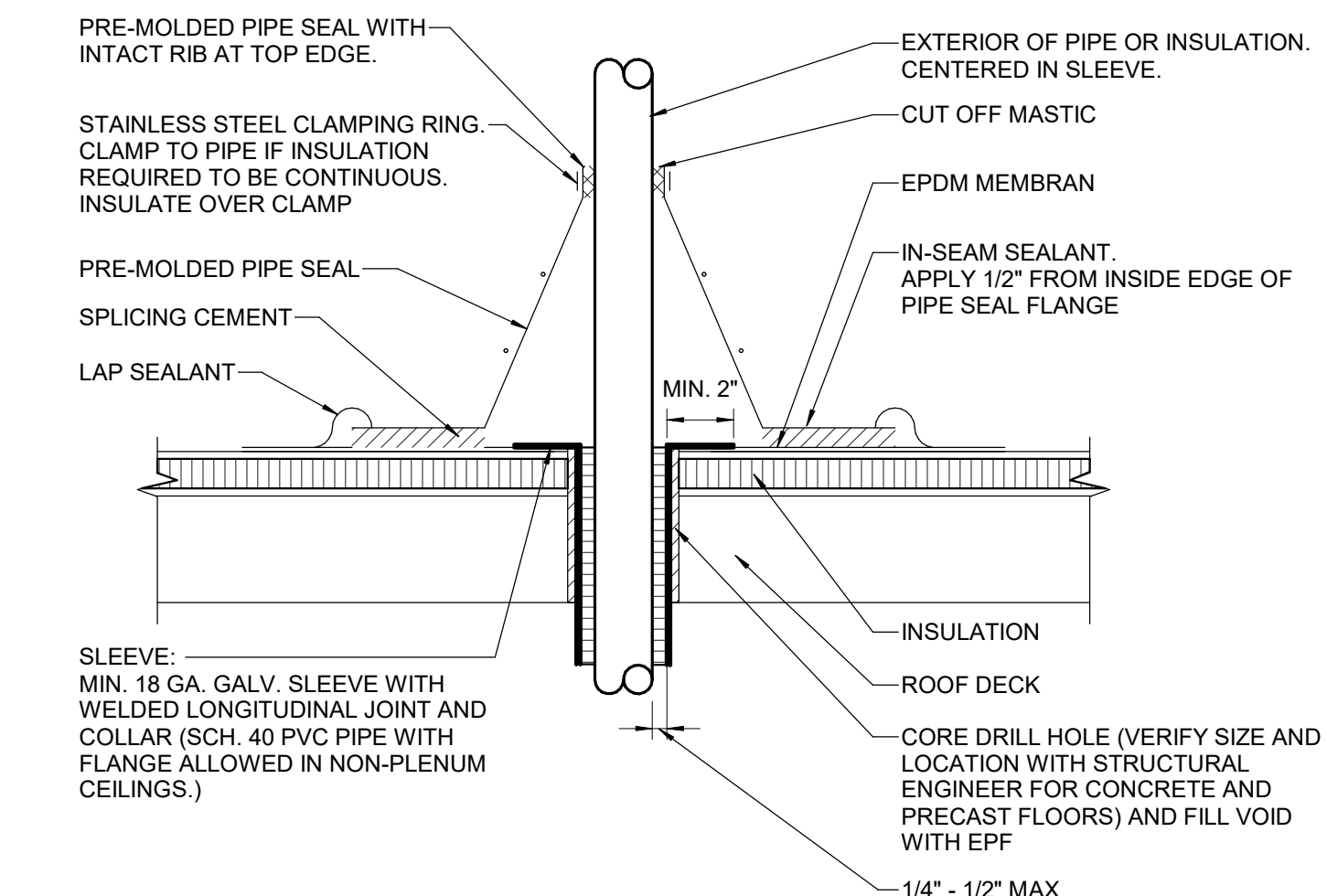
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SHEET NO:  
STORM ISOMETRIC  
P304



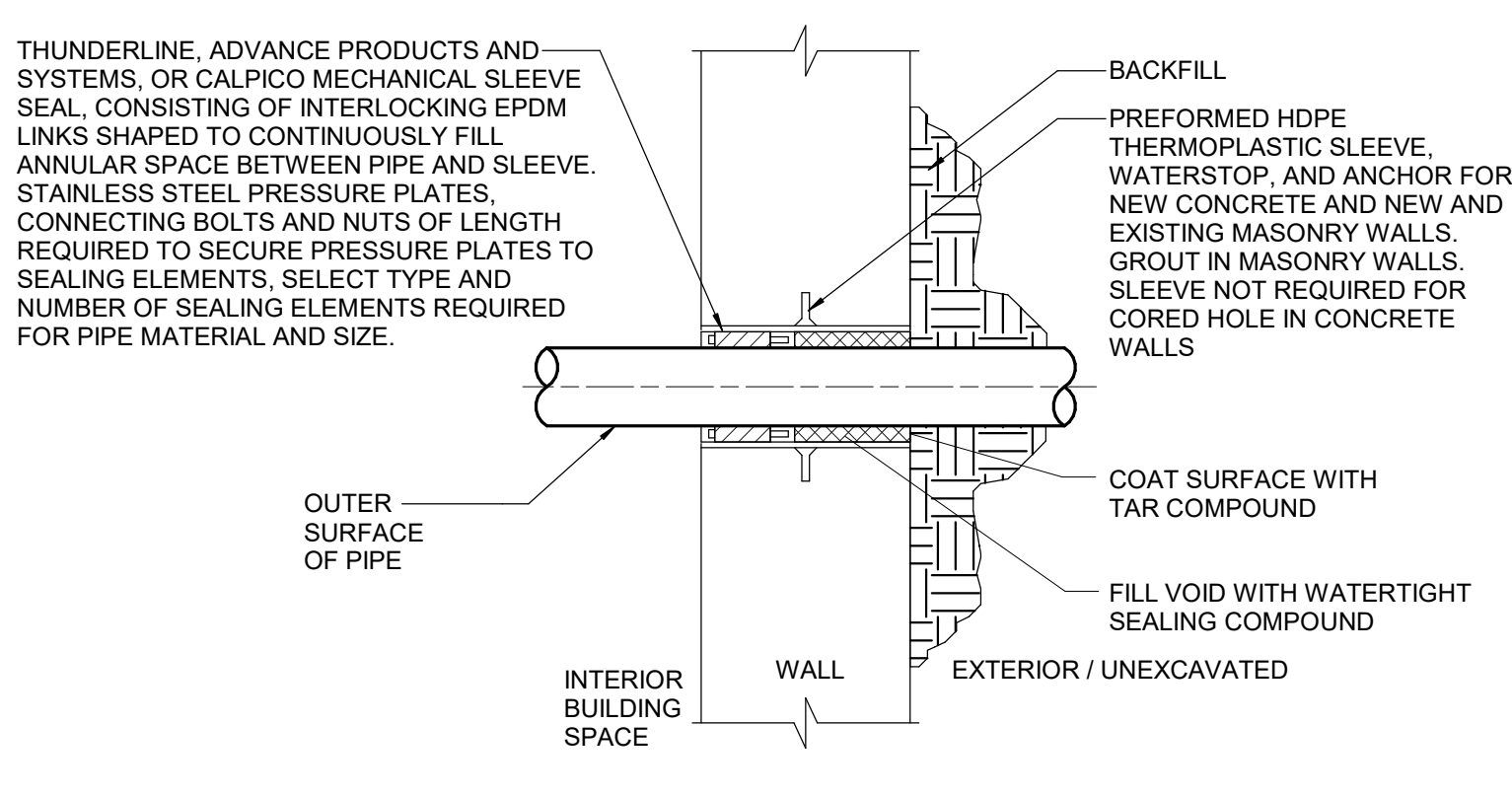
**APPLICATIONS**  
- PIPE PENETRATION THRU ABOVE GRADE FLOOR



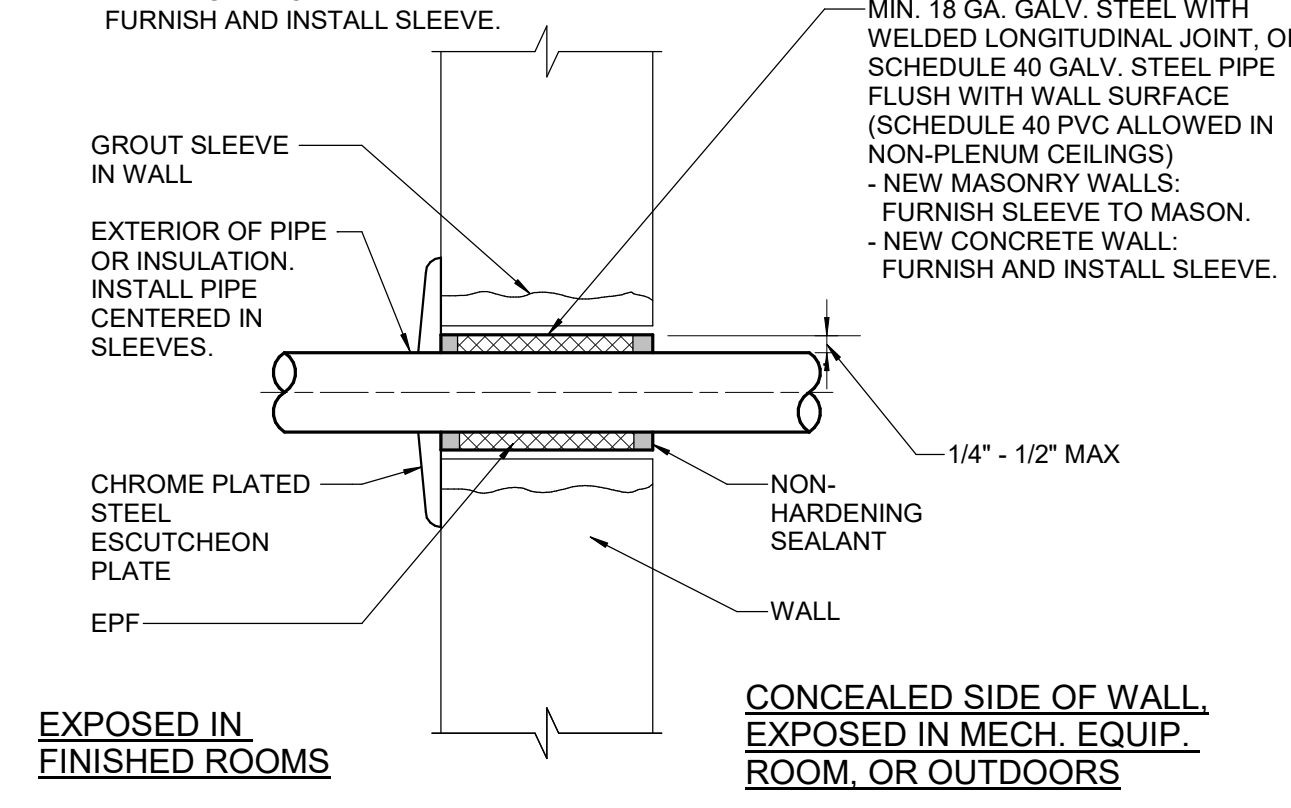
**APPLICATIONS**  
- PIPE PENETRATION THRU ABOVE GRADE FLOOR WITH MEMBRANE



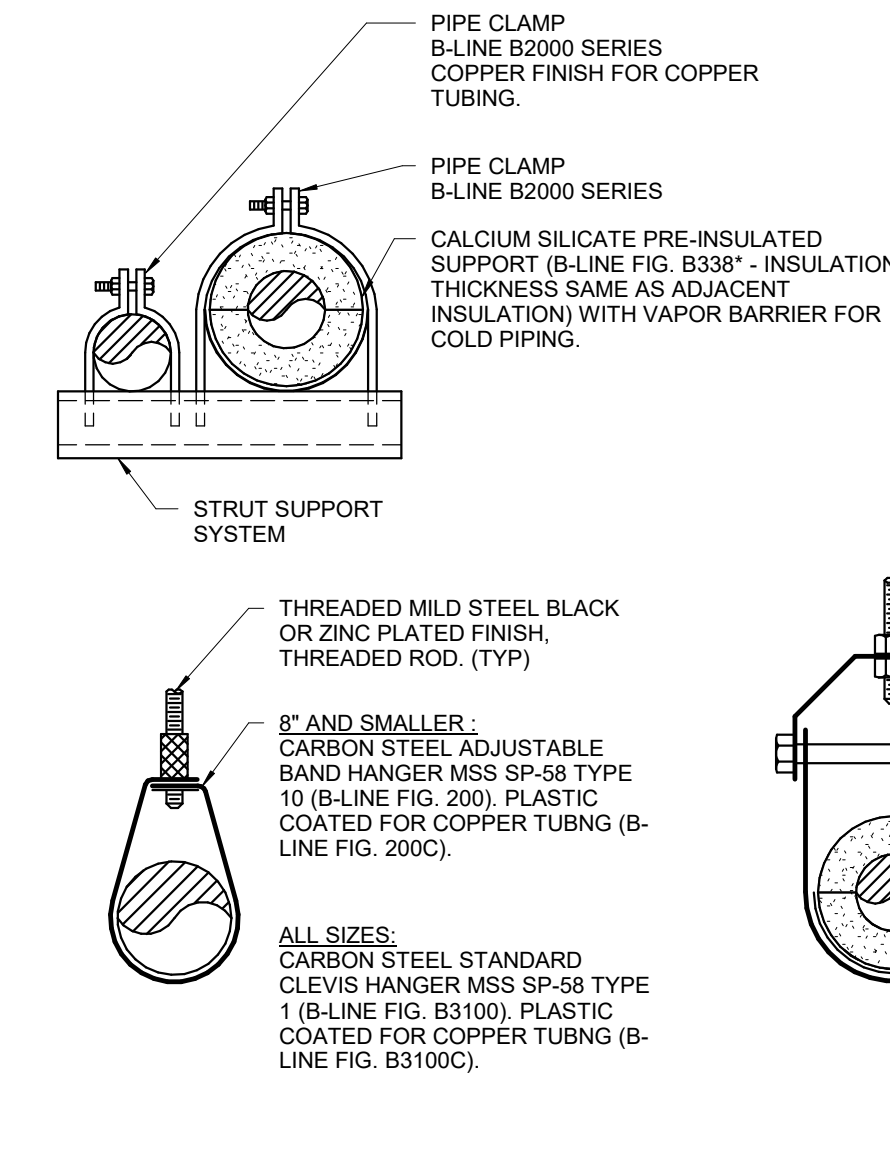
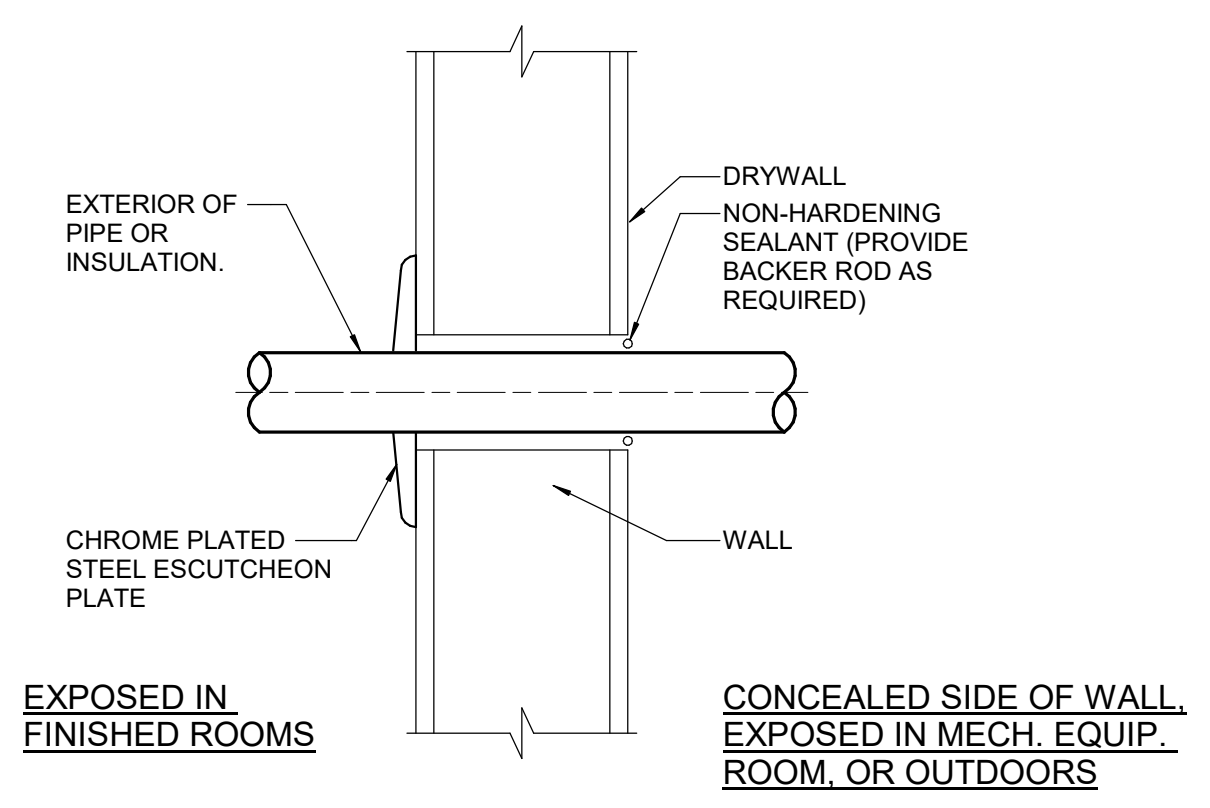
**APPLICATIONS**  
- ROOF PIPE BOOT PENETRATION DETAIL



**APPLICATIONS**  
- PIPE PENETRATION THRU BELOW GRADE EXTERIOR WALL



**APPLICATIONS**  
- PIPE PENETRATION THRU MASONRY OR CONCRETE WALL



**APPLICATIONS**  
- UNINSULATED PIPING

**APPLICATIONS**  
- HOT AND COLD WATER PIPING

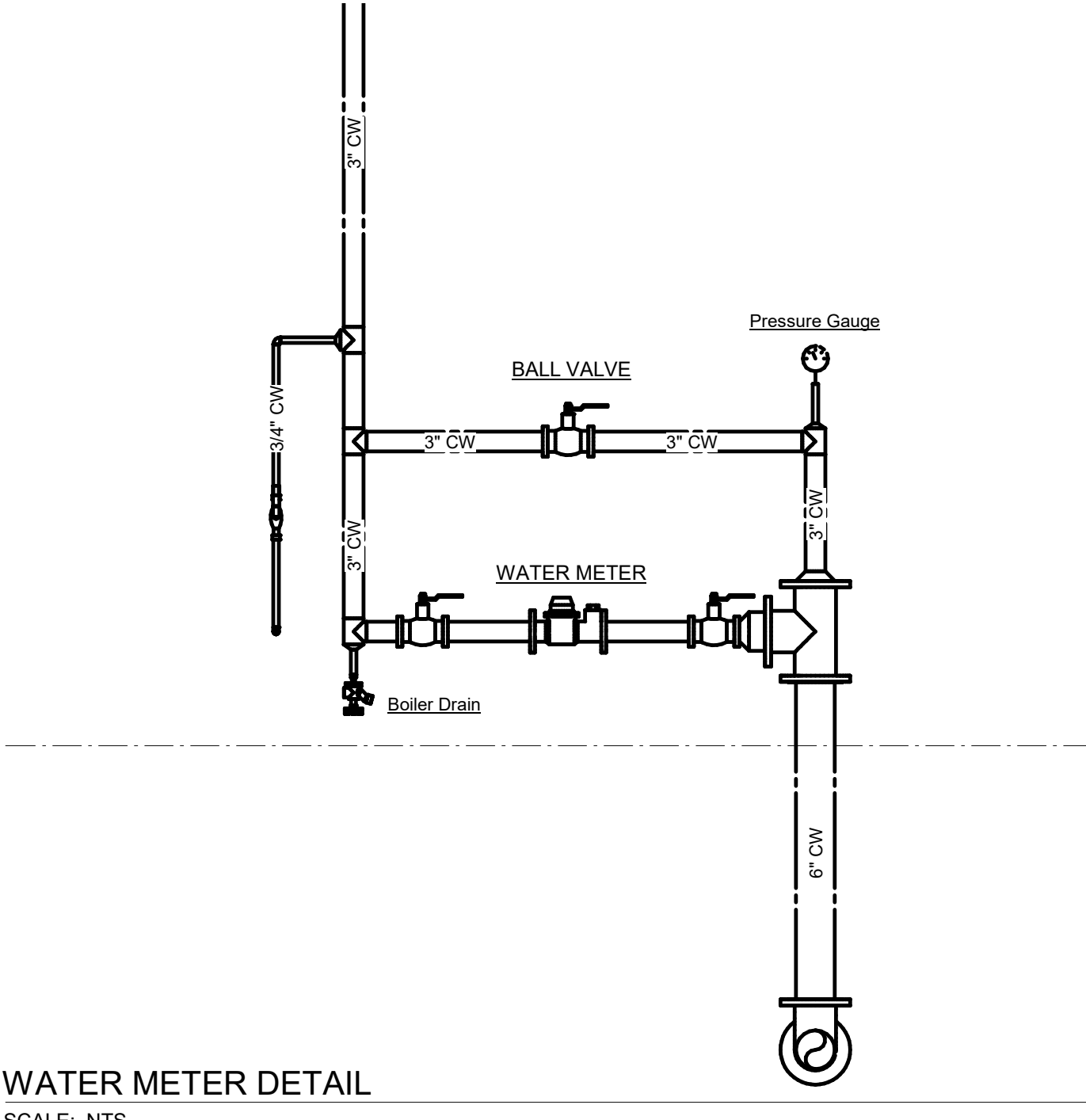
**APPLICATIONS**  
- HOT AND COLD WATER PIPING

PIPE SIZE	STEEL		WATER		COPPER		PVC	PEX	CAST IRON	MIN. ROD
	WATER	GAS	MIN. ROD	WATER	GAS	MIN. ROD				
1/4"-1/2"	7	8	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
3/4"	7	9	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
1"	7	9	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
1 1/4"	7	9	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
1 1/2"	9	12	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
2"	11	15	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
2 1/2"	11	15	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
3"	12	16	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
4"	12	16	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
6"	12	16	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
8"	12	16	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
10"	12	16	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
12"	12	16	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
14"	12	16	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
16"	12	16	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
18"	12	16	3/8"	5/8"	5/8"	3/8"	4"	3"	3/2"	5/8"
MAX. VERT. (1)	15'	15'	-	10'	10'	-	4'	4'	10'	10'

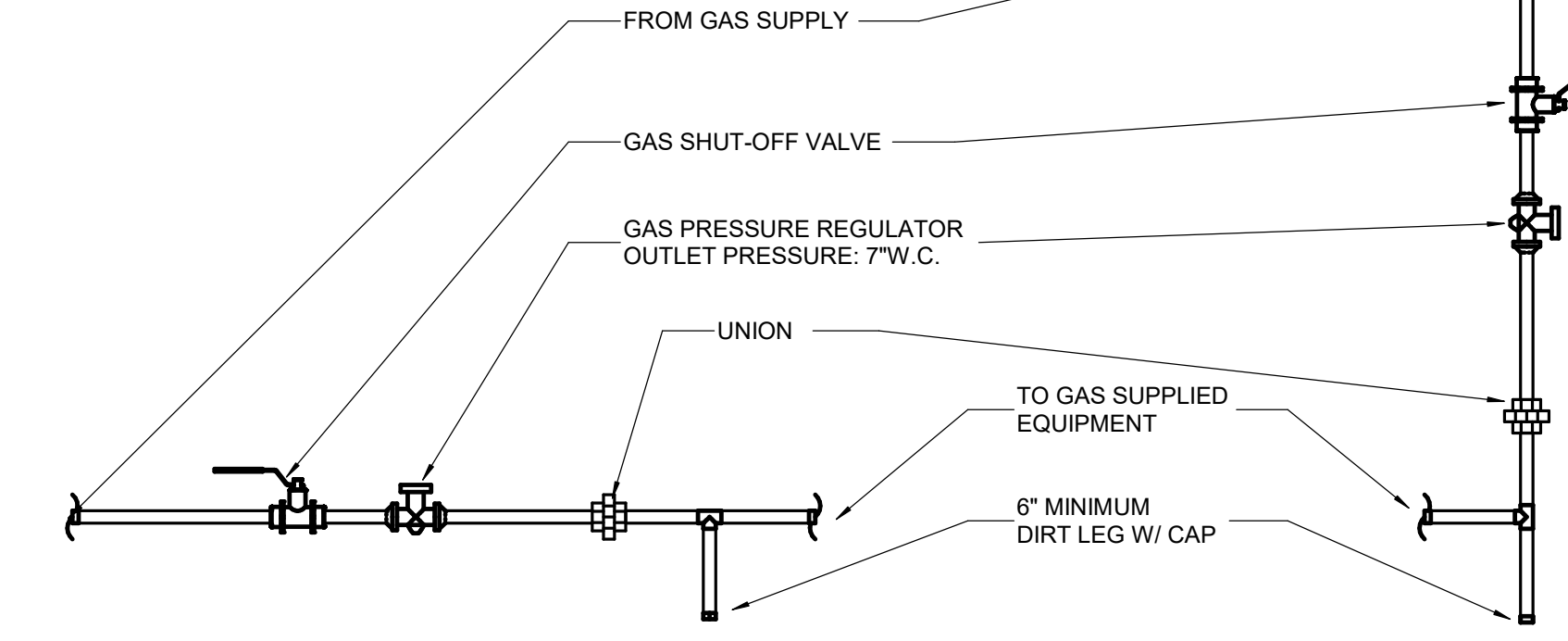
(1) SUPPORT AT MINIMUM EVERY FLOOR LEVEL OR SPACING LISTED.  
(2) SPACING MAY BE INCREASED TO 10' FOR 10' PIPE LENGTHS.  
MSS = MANUFACTURER'S STANDARDIZATION SOCIETY  
- INSTALL ADDITIONAL HANGERS WITHIN 12' OF ELBOWS AND TEES AND AT CONCENTRATED LOADS, INCLUDING VALVES, FLANGES AND STRAINERS 2 1/2" AND LARGER.

**2**  
**P400** PIPE PENETRATION DETAILS  
SCALE: NTS

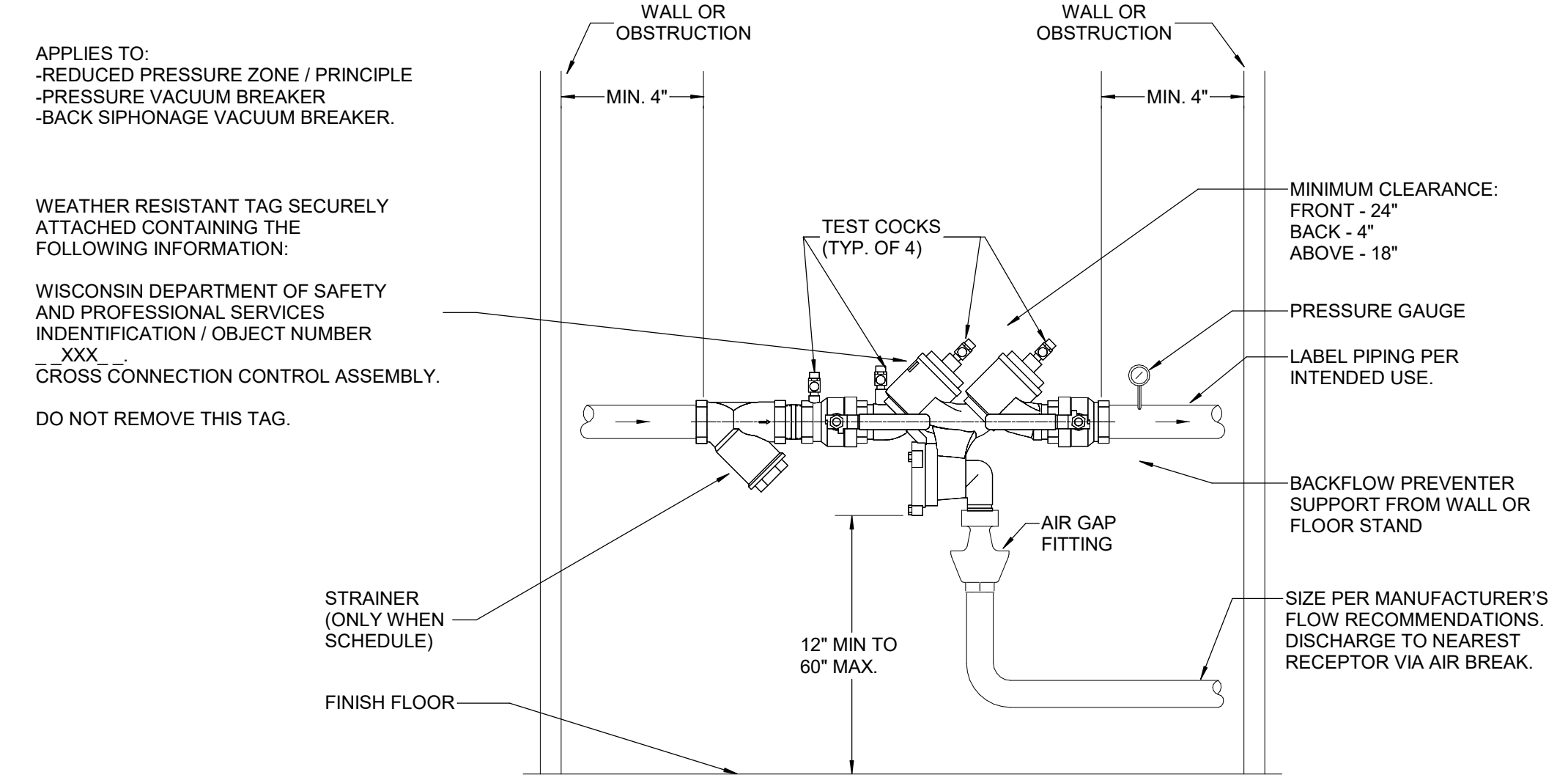
**1**  
**P400** PIPE HANGER, SUPPORT AND INSULATION DETAILS  
SCALE: NTS



**5**  
**P400** WATER METER DETAIL  
SCALE: NTS

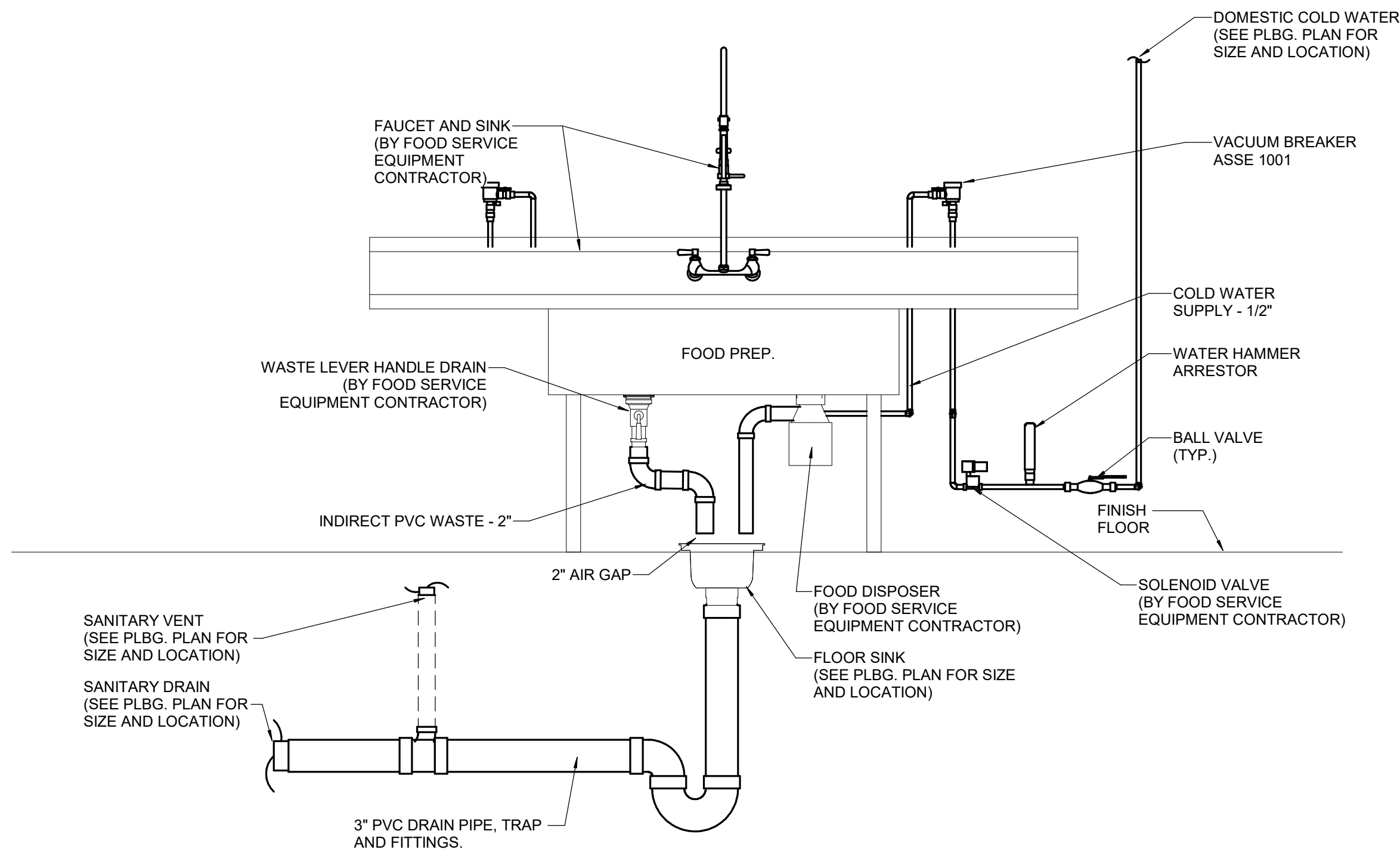


**4**  
**P400** GAS EQUIPMENT CONNECTION DETAIL  
SCALE: NTS



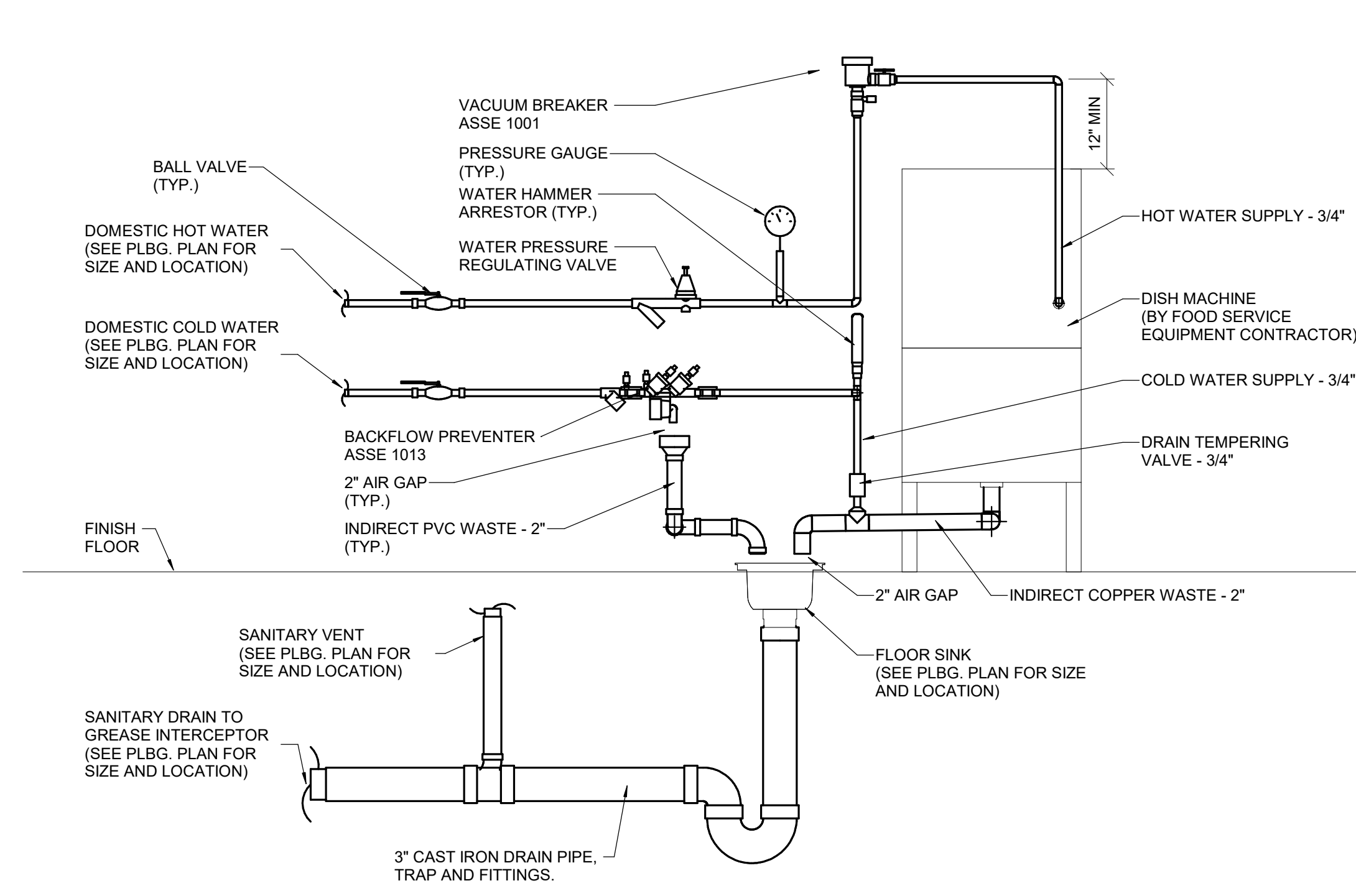
**3**  
**P400** REDUCED PRESSURE ZONE BACKFLOW PREVENTER DETAIL  
SCALE: NTS

NOTE:  
SEE FLOOR PLAN FOR DIRECTION OF FLOW  
AND LOCATION OF PLUMBING FIXTURE,  
EQUIPMENT AND PIPE LOCATIONS. THIS  
DETAIL IS FOR SCHEMATIC PURPOSES ONLY.



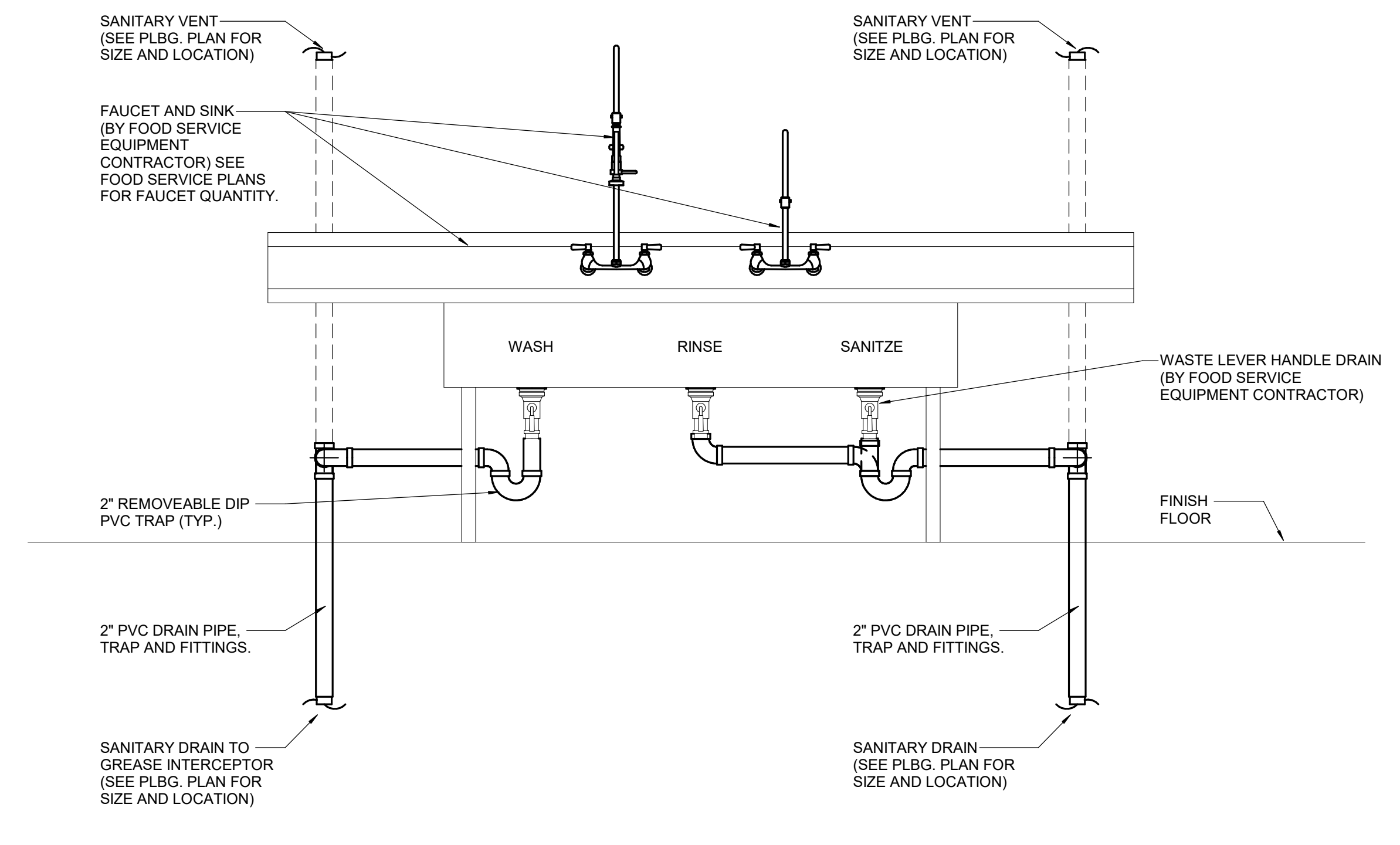
3 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - FOOD PREP  
P401 NOT TO SCALE

NOTE:  
SEE FLOOR PLAN FOR DIRECTION OF FLOW  
AND LOCATION OF PLUMBING FIXTURE,  
EQUIPMENT AND PIPE LOCATIONS. THIS  
DETAIL IS FOR SCHEMATIC PURPOSES ONLY.



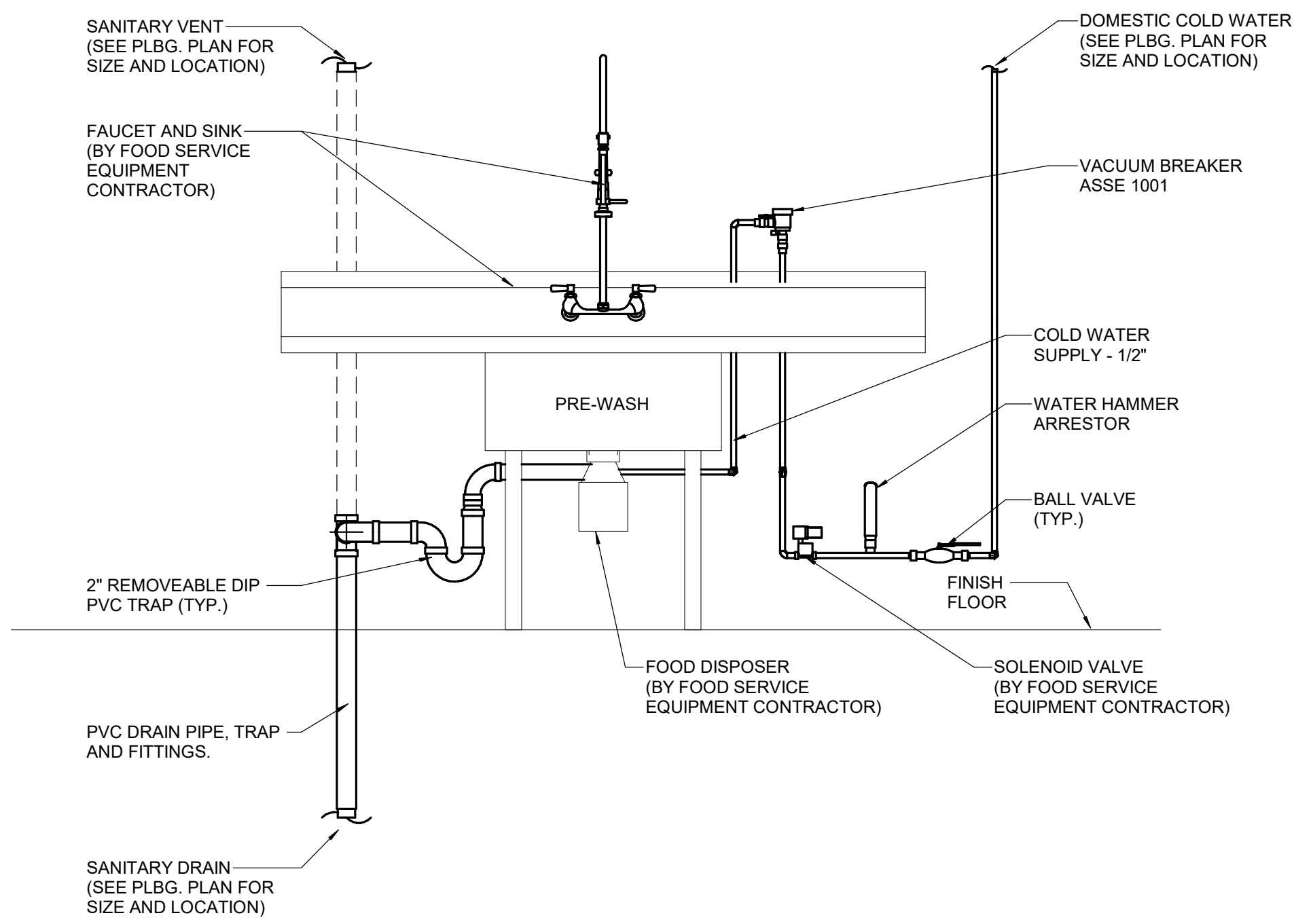
2 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - DISH MACHINE  
P401 NOT TO SCALE

NOTE:  
SEE FLOOR PLAN FOR DIRECTION OF FLOW  
AND LOCATION OF PLUMBING FIXTURE,  
EQUIPMENT AND PIPE LOCATIONS. THIS  
DETAIL IS FOR SCHEMATIC PURPOSES ONLY.



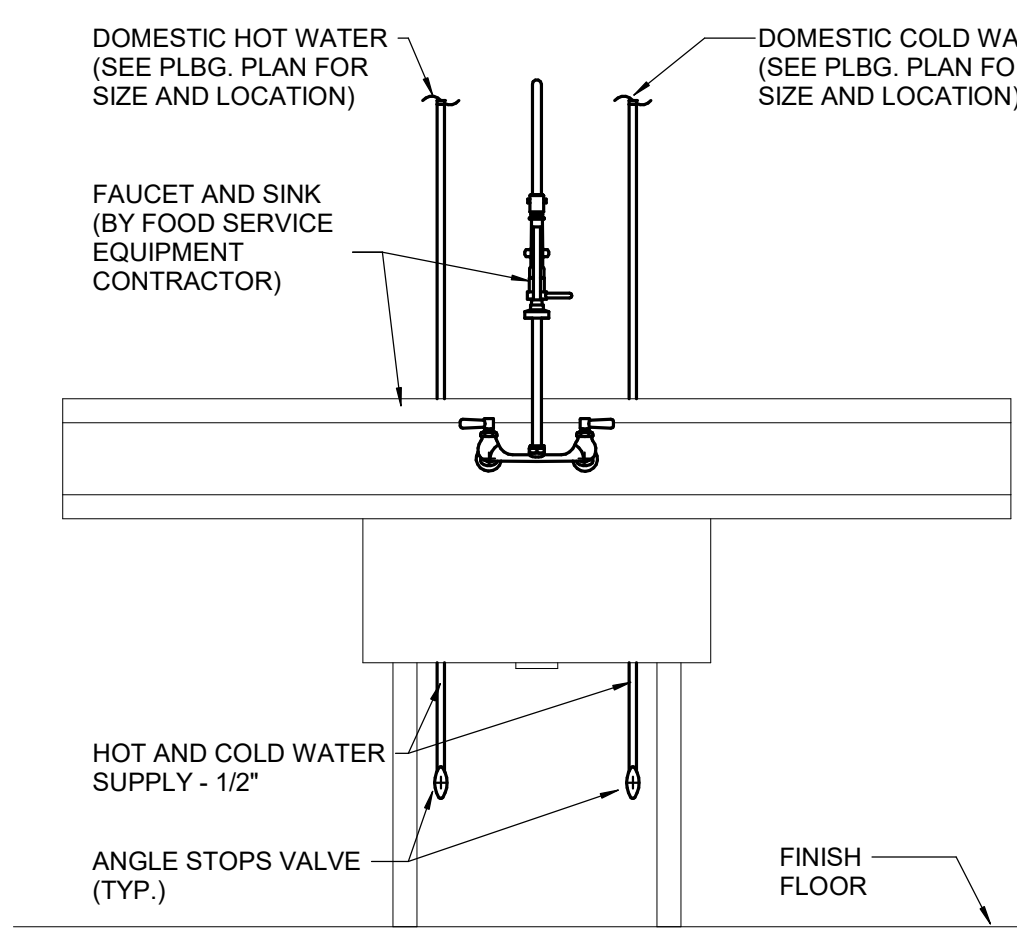
1 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - 3 COMPARTMENT SINK  
P401 NOT TO SCALE

NOTE:  
SEE FLOOR PLAN FOR DIRECTION OF FLOW  
AND LOCATION OF PLUMBING FIXTURE,  
EQUIPMENT AND PIPE LOCATIONS. THIS  
DETAIL IS FOR SCHEMATIC PURPOSES ONLY.



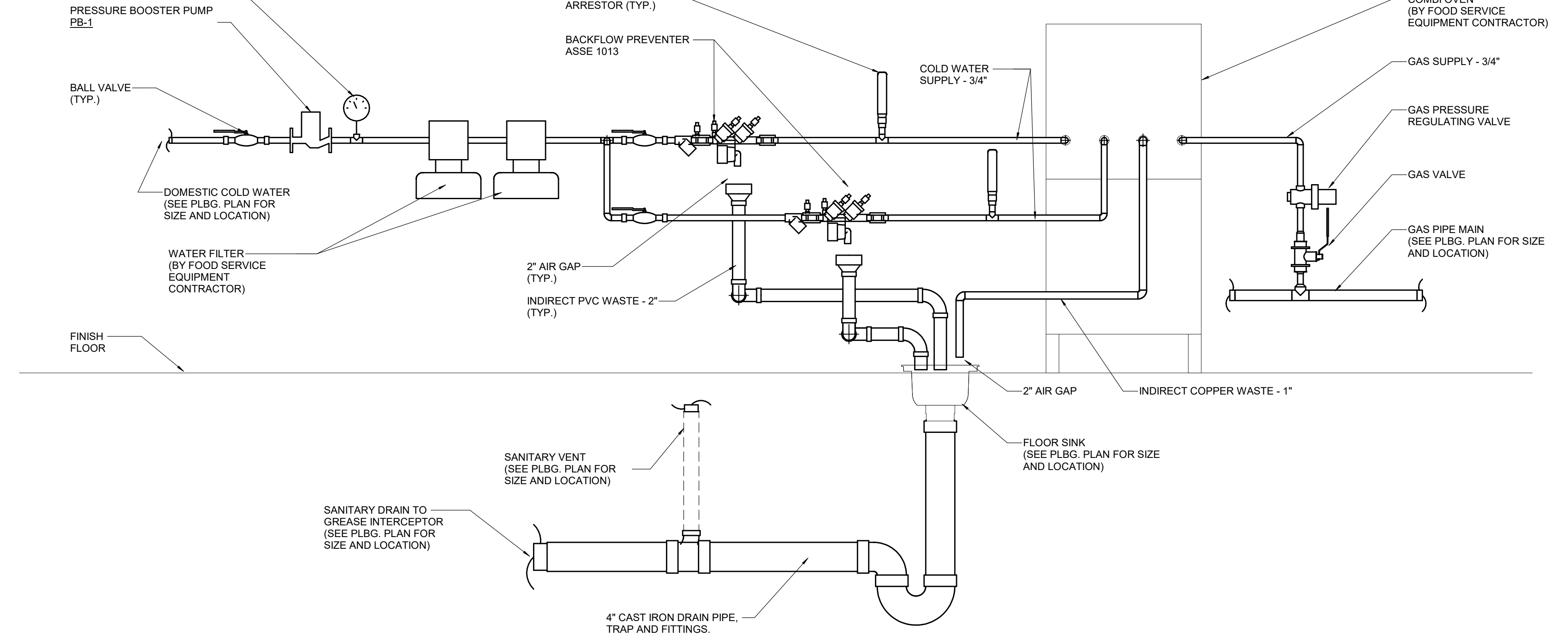
6 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - PRE-WASH SINK  
P401 NOT TO SCALE

NOTE:  
SEE FLOOR PLAN FOR DIRECTION OF FLOW  
AND LOCATION OF PLUMBING FIXTURE,  
EQUIPMENT AND PIPE LOCATIONS. THIS  
DETAIL IS FOR SCHEMATIC PURPOSES ONLY.



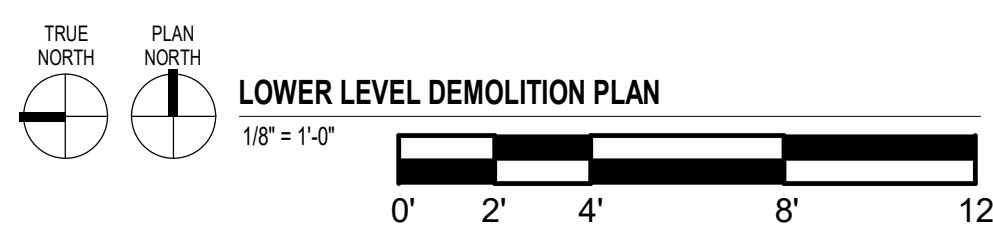
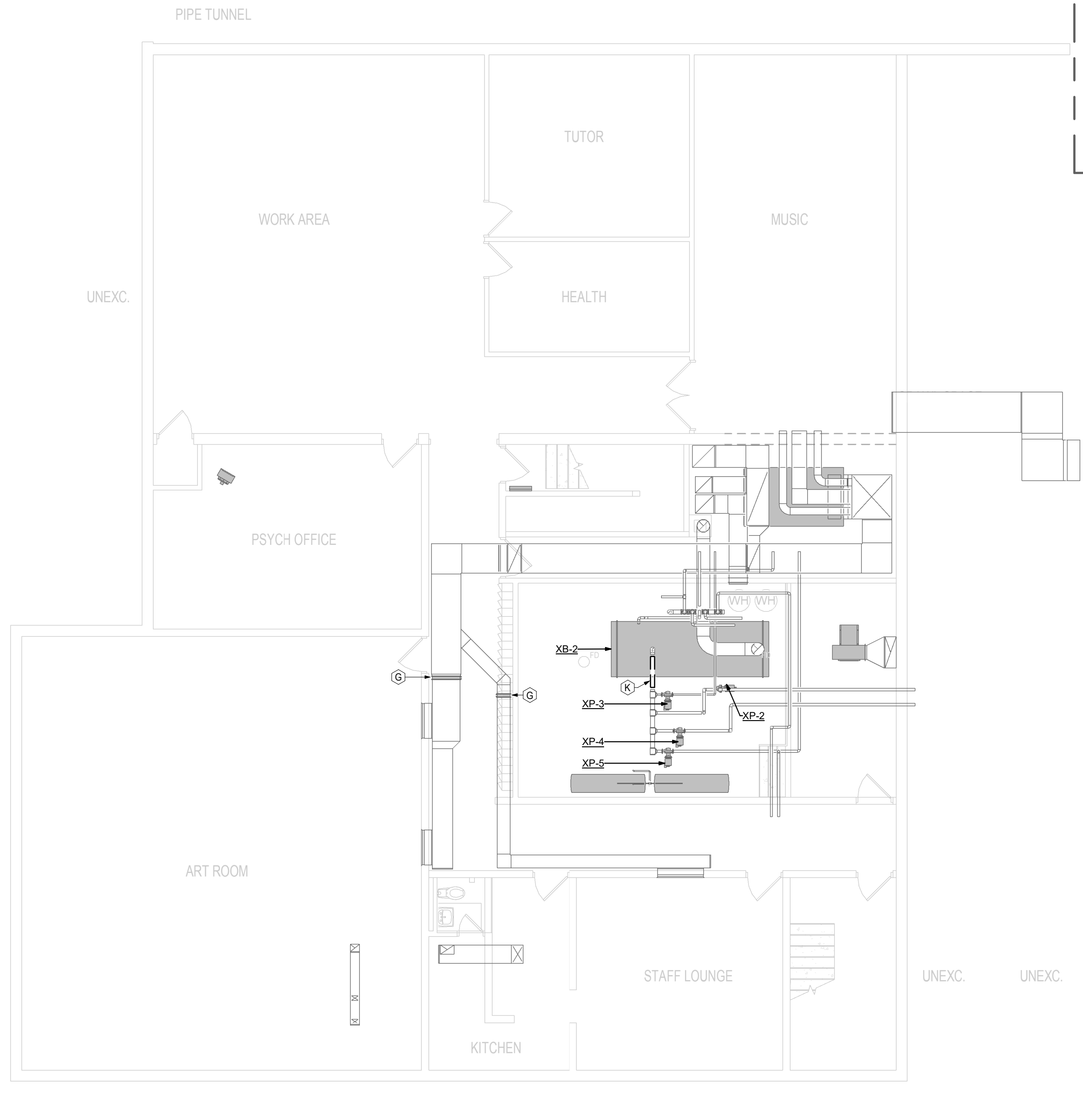
5 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - TYPICAL FAUCET CONNECTION  
P401 NOT TO SCALE

NOTE:  
SEE FLOOR PLAN FOR DIRECTION OF FLOW  
AND LOCATION OF PLUMBING FIXTURE,  
EQUIPMENT AND PIPE LOCATIONS. THIS  
DETAIL IS FOR SCHEMATIC PURPOSES ONLY.



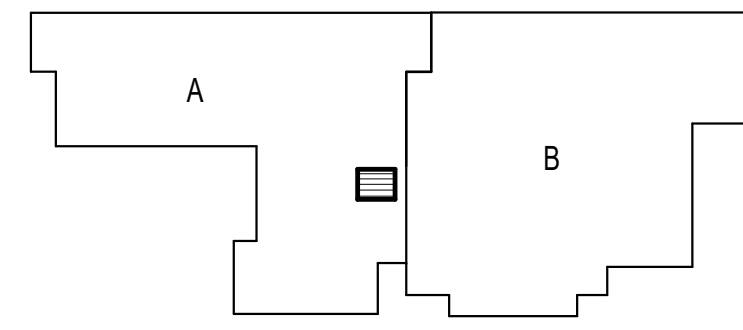
4 KITCHEN FOOD SERVICE EQUIPMENT DETAIL - COMBI OVEN  
P401 NOT TO SCALE





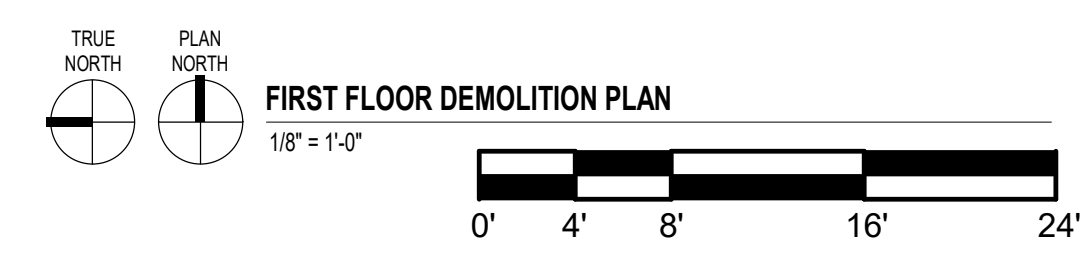
DEMOLITION SYMBOL	DESCRIPTION
---	EXISTING PIPING, EQUIPMENT OR DUCTWORK TO REMAIN.
----	EXISTING PIPING, EQUIPMENT OR DUCTWORK TO BE REMOVED.

KEYED NOTES	
HEX KEY	DESCRIPTION
G	MEASURE AND RECORD EXISTING CFM AND HOT WATER GPM ON EXISTING BOOSTER COIL PRIOR TO ANY WORK. SUBMIT REPORT TO ENGINEER.
K	REMOVE EXISTING PIPING TO POINT INDICATED.



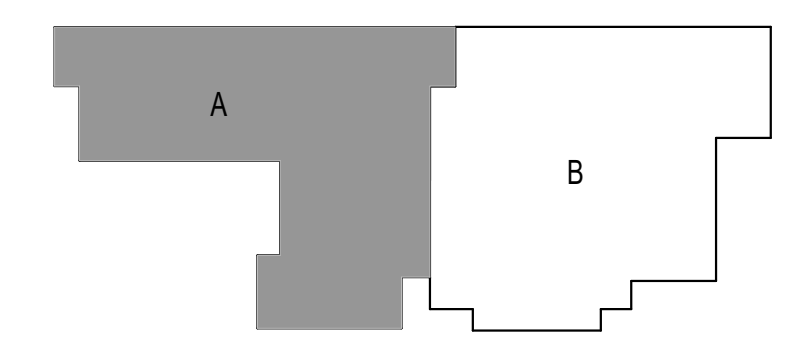
KEY PLAN





DEMOLITION SYMBOL	DESCRIPTION
—————	EXISTING PIPING, EQUIPMENT OR DUCTWORK TO REMAIN.
- - - - -	EXISTING PIPING, EQUIPMENT OR DUCTWORK TO BE REMOVED.

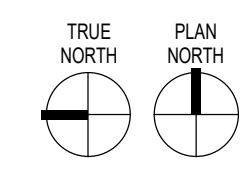
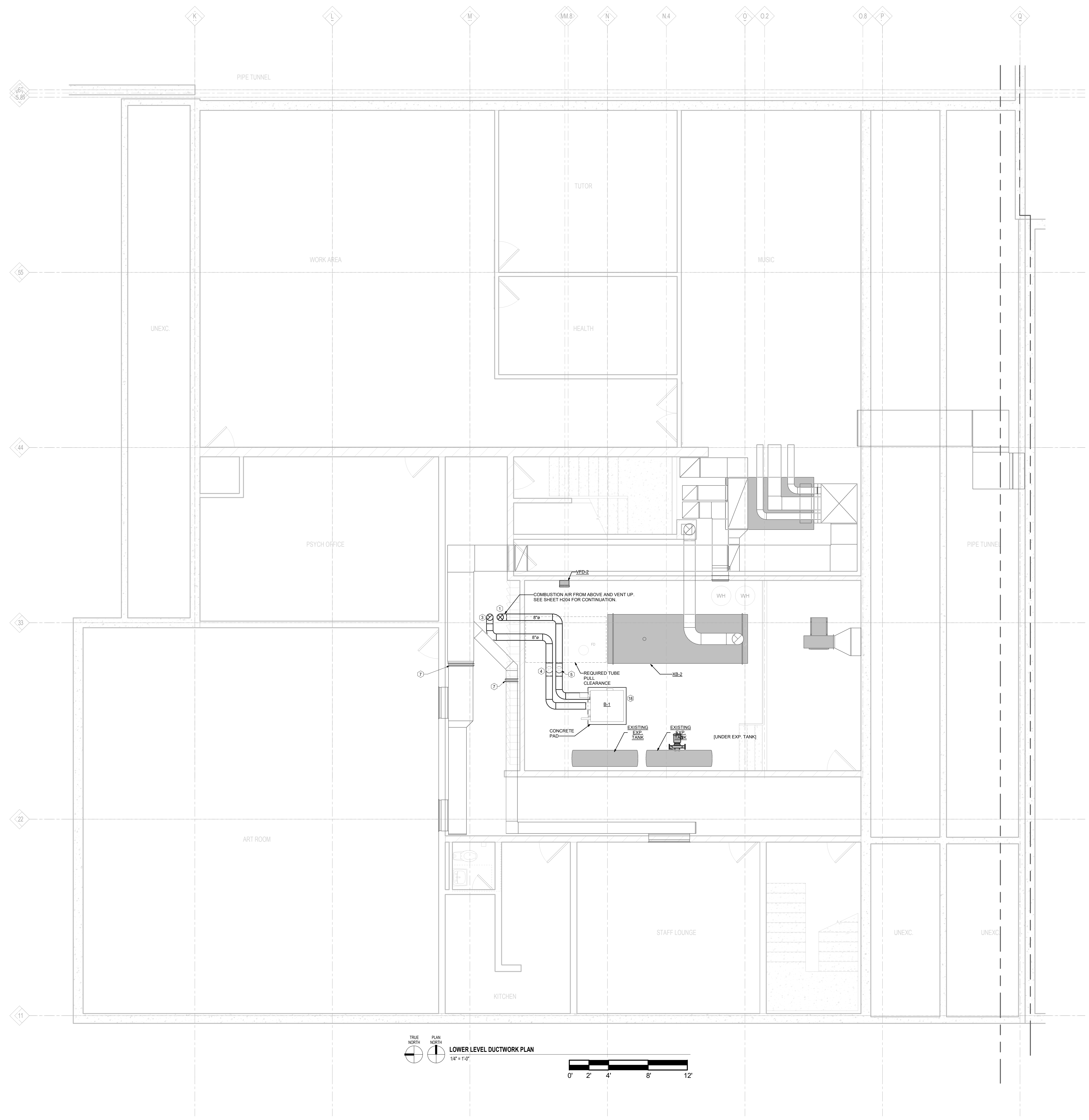
KEYED NOTES	
HEX KEY	DESCRIPTION
A	REMOVE EXISTING UNIT VENTILATOR, UNUSED BRANCH PIPING, LOUVER, AND CONTROL. TURN OVER TO OWNER. CAP PIPE NEAR MAIN.
B	REMOVE EXISTING HEATING UNIT, UNUSED BRANCH PIPING, AND CONTROL. CAP PIPING AT MAIN IN TUNNEL.
D	REMOVE EXISTING GRILLE & UNUSED DUCTWORK.
E	REMOVE EXISTING UNUSED DUCTWORK.
H	REMOVE EXISTING HEATING UNIT, UNUSED BRANCH PIPING, AND CONTROL. CAP PIPE IN WALL.
I	REMOVE EXISTING ROOF EXHAUST FAN, UNUSED DUCTWORK, AND CONTROL. CURB TO REMAIN.
L	MEASURE AND RECORD SUPPLY CFM, RETURN CFM, OUTSIDE AIR CFM AND EXTERNAL STATIC PRESSURE PRIOR TO ANY WORK. SUBMIT REPORT TO ENGINEER.
M	REMOVE EXISTING ROOF EXHAUST FAN, CURB, UNUSED DUCTWORK, AND CONTROL.
N	REMOVE EXISTING FINNED TUBE RADIATION, UNUSED PIPE TO FLOOR. CAP FOR RECONNECTION. SEE NEW WORK PLAN.



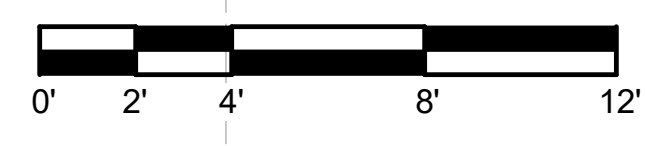
KEY PLAN

9/13/2019 5:36:44 AM

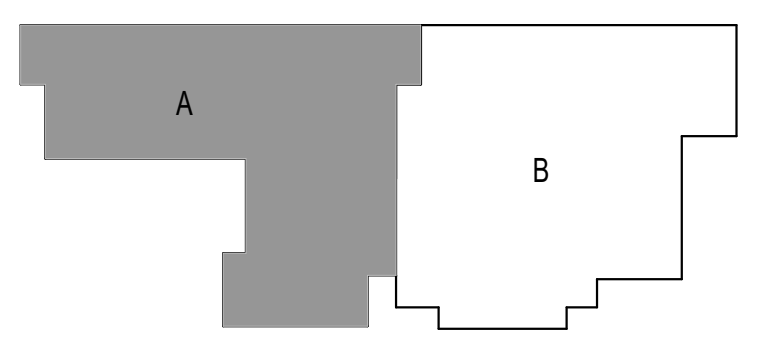
DRAWN BY: Author



LOWER LEVEL DUCTWORK PLAN  
1/4" = 1'-0"



KEYED NOTES	
HEX KEY	DESCRIPTION
1	FROM ABOVE.
3	RISE
4	OFFSET UP
5	OFFSET DOWN
7	BALANCE TO PRE-CONSTRUCTION VALUE CFM.
18	PROVIDE BOILER CONTROLLER PER SPECIFICATION. SEE SPECIFICATION FOR CONTROLS AND SEQUENCES.



KEY PLAN

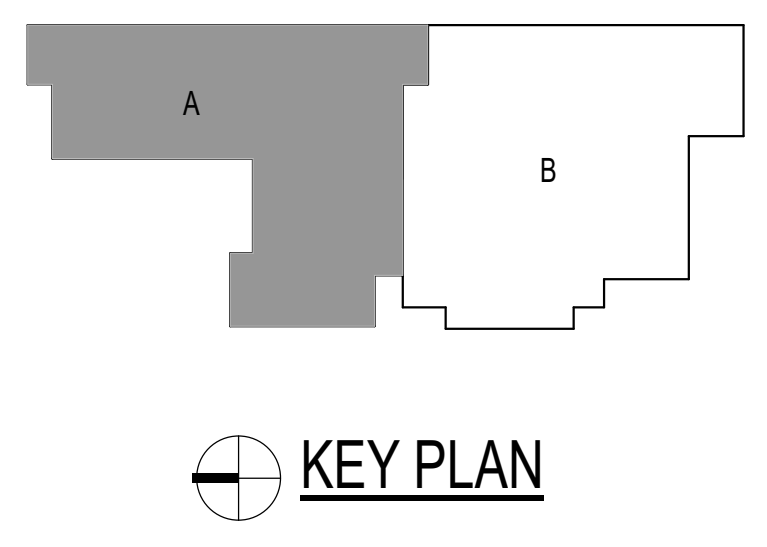
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DRAWN BY: Author

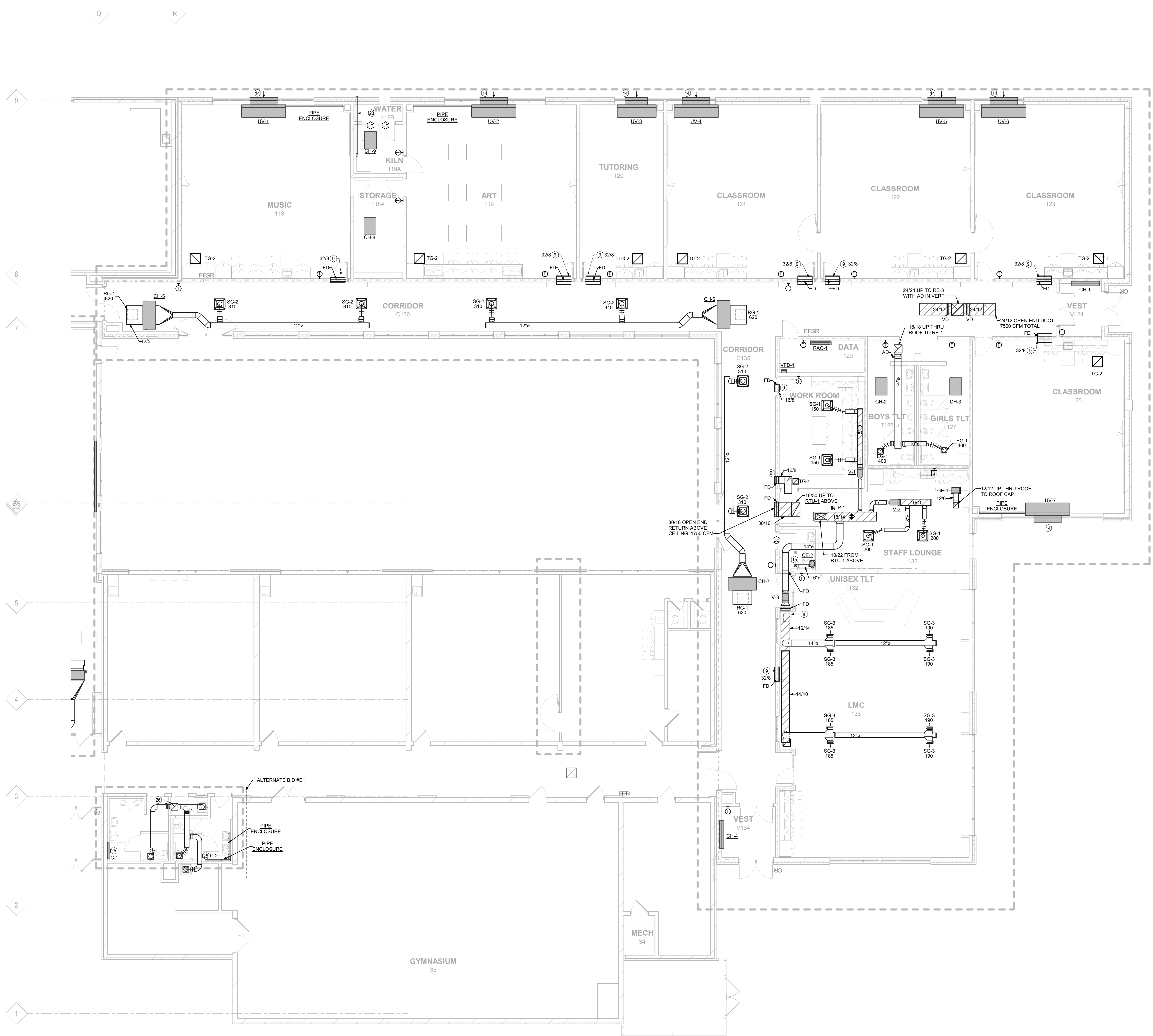


TRUE NORTH PLAN NORTH  
**FIRST FLOOR DUCTWORK PLAN - AREA A**  
 1/8" = 1'-0"  
 0' 4' 8' 16' 24'

KEYED NOTES	
HEX KEY	DESCRIPTION
9	OPEN END DUCT ABOVE CEILING(S).
15	6" X UP THRU ROOF TO ROOF CAP.
17	12/12 FROM W.P. HOOD ON ROOF WITH AD IN VERT. BALANCE TO 50 CFM.
19	COMBUSTION AIR FROM ABOVE AND DOWN TO BOILER R.M. VENT FROM BELOW AND UP THROUGH ROOF. SIZE PER MANUFACTURER'S RECOMMENDATIONS. SEE DETAIL FOR TERMINATIONS.
21	12/10 FROM KITCHEN HOOD. KITCHEN HOOD PROVIDED BY KEC. COORDINATE CONNECTION SIZE AND LOCATION WITH KEC PLANS.
22	10" X FROM DISHWASHER. DISHWASHER PROVIDED BY KEC. COORDINATE CONNECTION SIZE AND LOCATION WITH KEC PLANS.
24	LOCATE NEW UNIT VENTILATOR IN LOCATION OF PREVIOUS UNIT VENTILATOR.
27	20/20 UP TO RE-6 IN EXISTING ROOF OPENING. FIELD VERIFY REQUIRED. AD IN VERT.



KEYED NOTES	
HEX KEY	DESCRIPTION
8	TRANSFER GRILLE MOUNTED IN BOTTOM OF SOFFIT.
9	OPEN END DUCT ABOVE CEILING(S).
14	CONNECT OA INTAKE ON UNIT VENTILATOR TO LOUVER. LOUVER BY OTHERS. SEE ARCHITECTURAL PLANS.
15	6" A" UP THRU ROOF TO ROOF CAP.
23	4" A" VENT FROM KILN DOWNDRAFT VENT KIT TO EXTERIOR. TERMINATE WITH MANUFACTURER RECOMMENDED TERMINATION KIT.
25	PROVIDE NEW PIPE ENCLOSURE FOR CONNECTING EXISTING PIPE TO NEW CONNECTOR. FIELD VERIFY REQUIRED. SEE SPECIFICATION FOR ENCLOSURE REQUIREMENTS.
26	15/15 UP TO RE-4 IN EXISTING CURB OPENING. PLACE RE-4 ON EXISTING ROOF CURB. FIELD VERIFY REQUIRED. AD IN VERT.

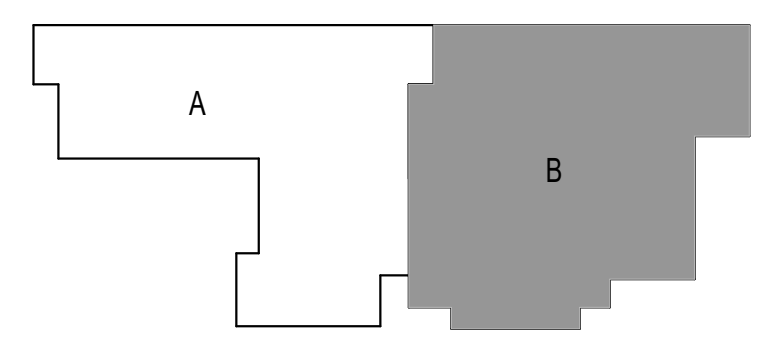


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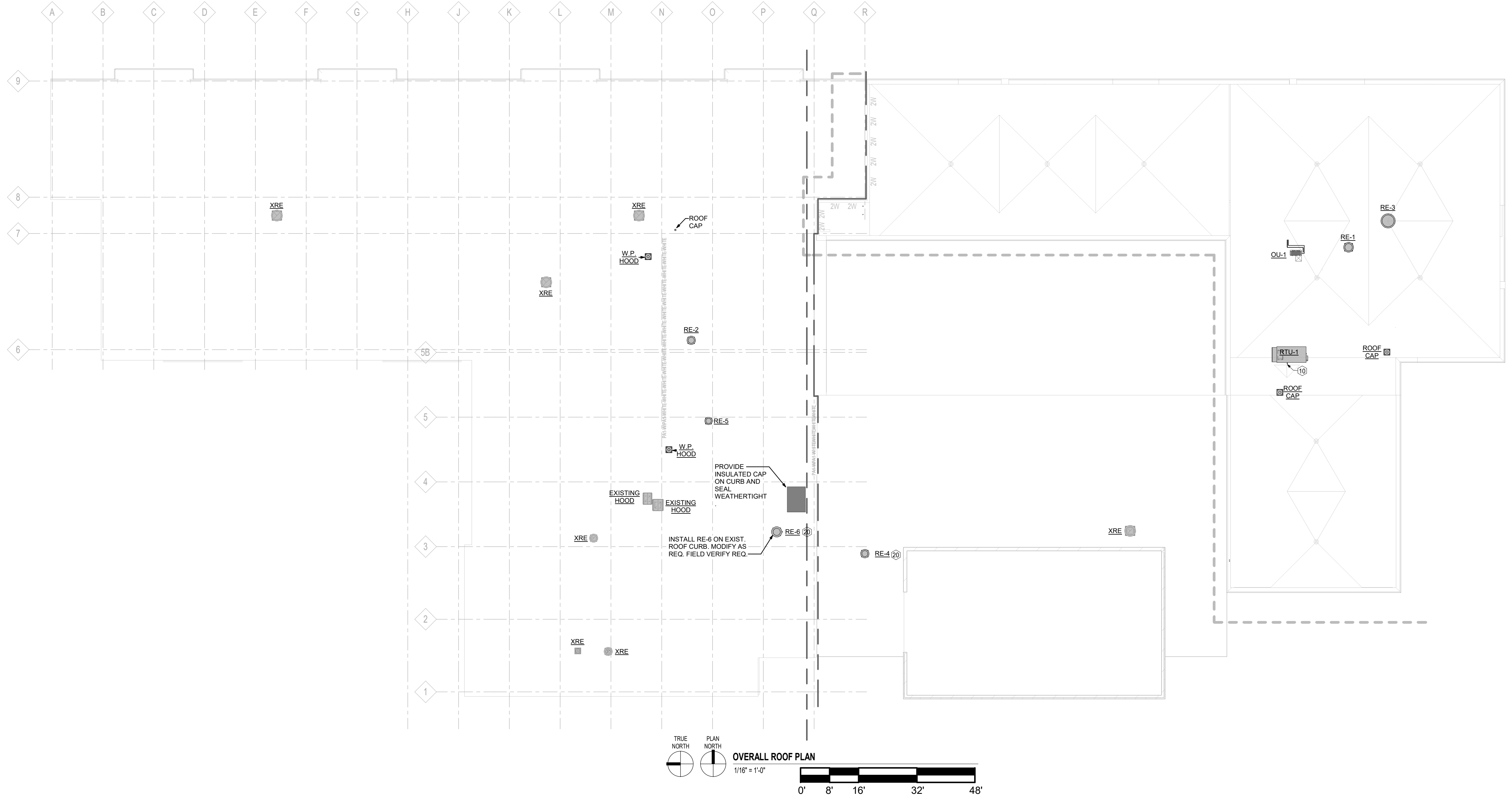
DRAWN BY: Author



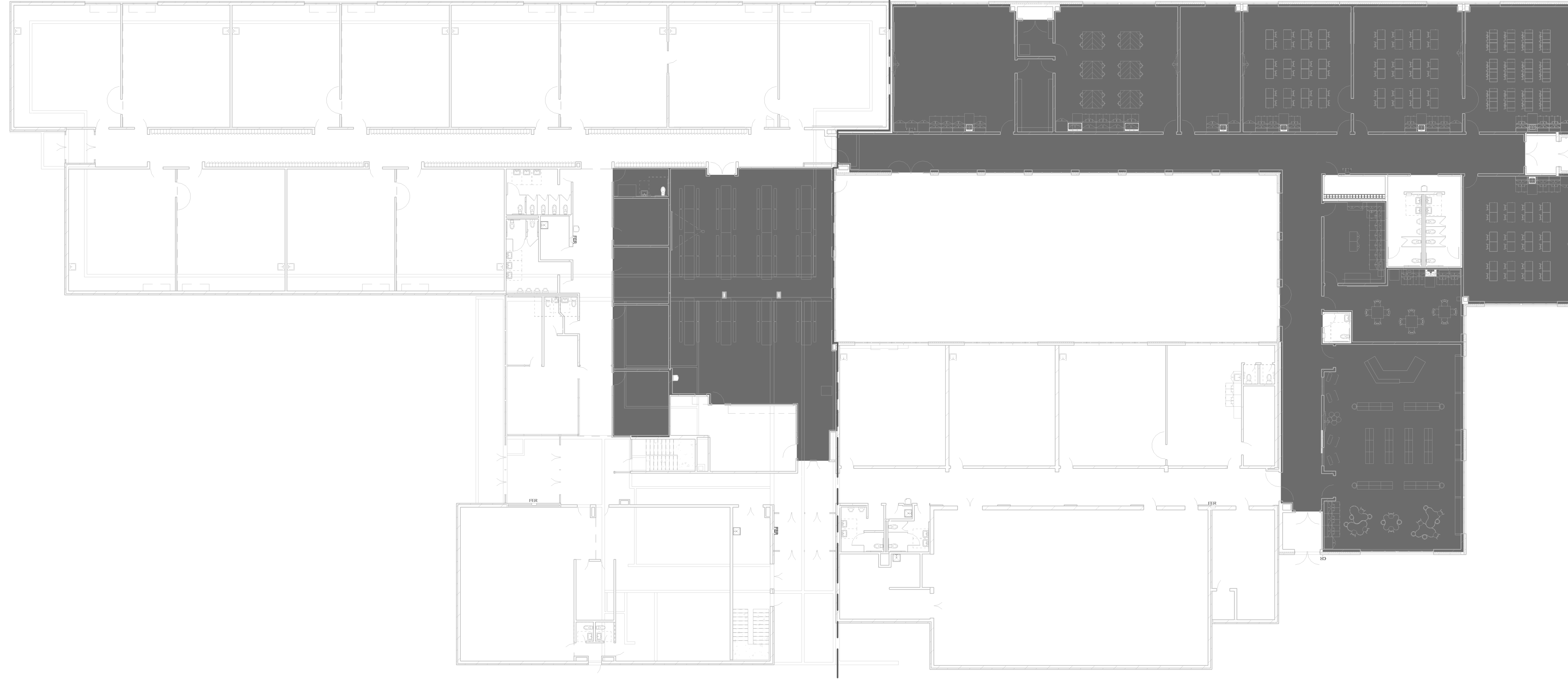
FIRST FLOOR DUCTWORK PLAN - AREA B  
1/8" = 1'-0"



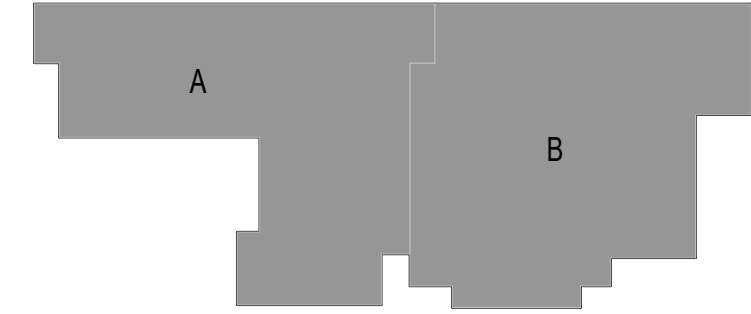
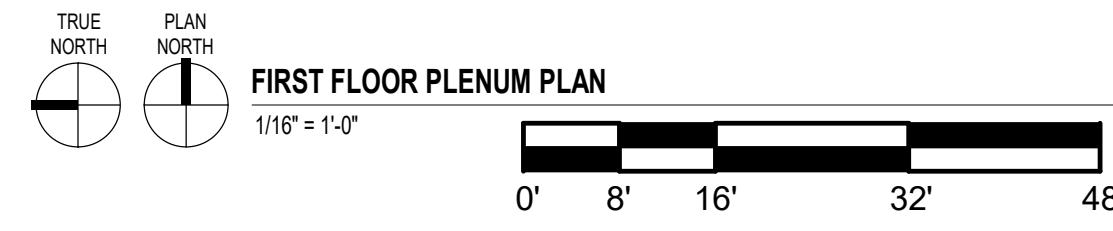
KEY PLAN



KEYED NOTES	
HEX KEY	DESCRIPTION
10	1-1/4" LOOP SEAL.
20	LOCATE FAN AT EXISTING ROOF OPENING. MODIFY ROOF OPENING AS REQUIRED TO ACCOMMODATE NEW FAN. FIELD VERIFY REQ.



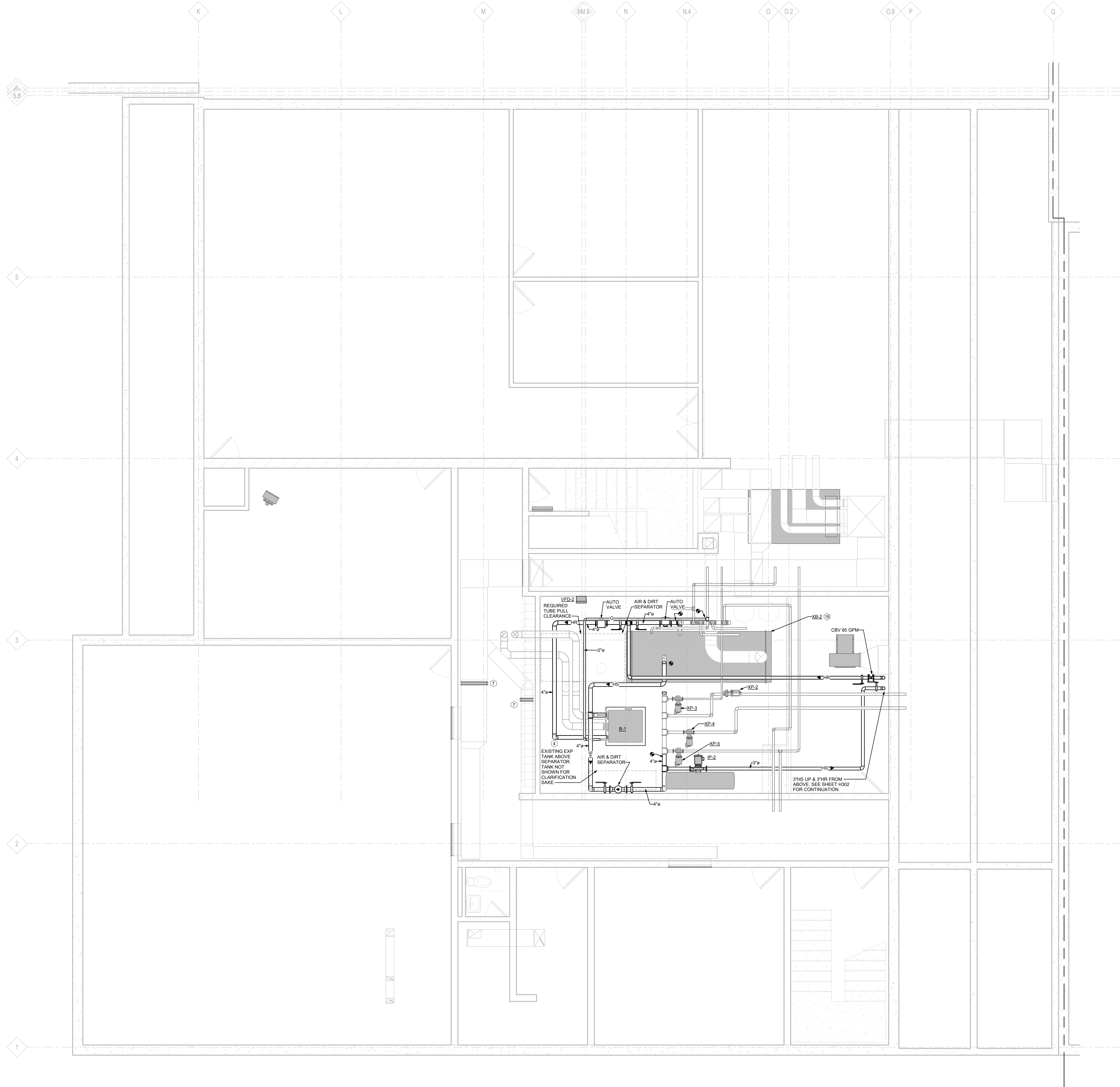
SHADED AREA INDICATES THE AREA WHERE THE SPACE BETWEEN THE CEILING AND THE STRUCTURE ABOVE IS USED AS A RETURN AIR PLENUM. THIS SHEET IS FOR REFERENCE ONLY. VERIFY CONDITIONS ON SITE PRIOR TO INSTALLATION.



KEY PLAN

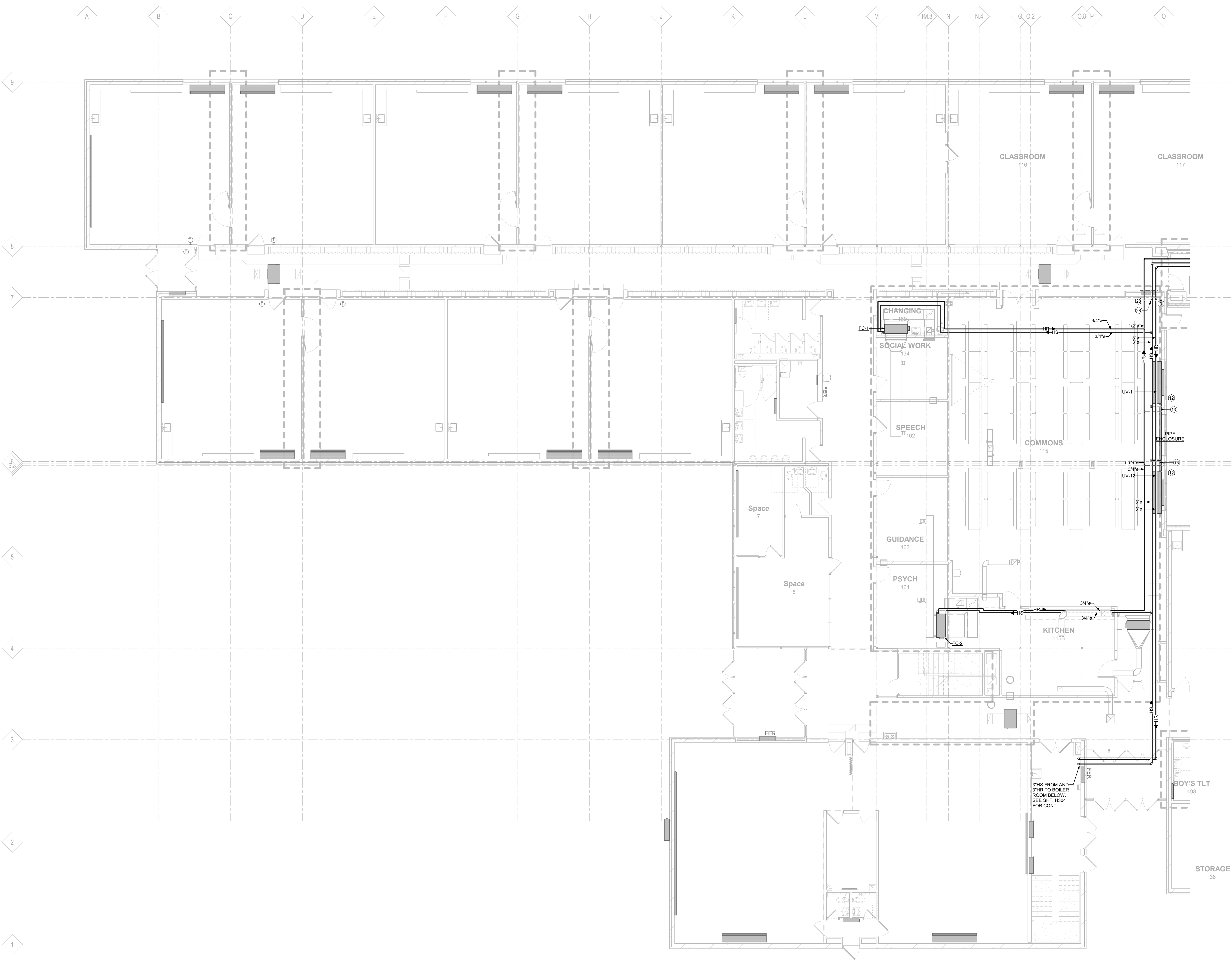
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DRAWN BY: Author

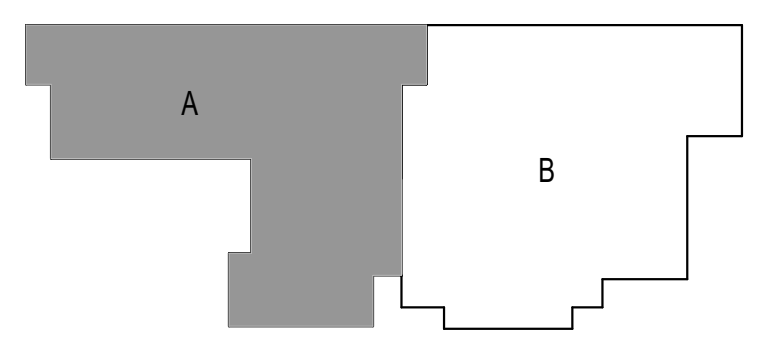
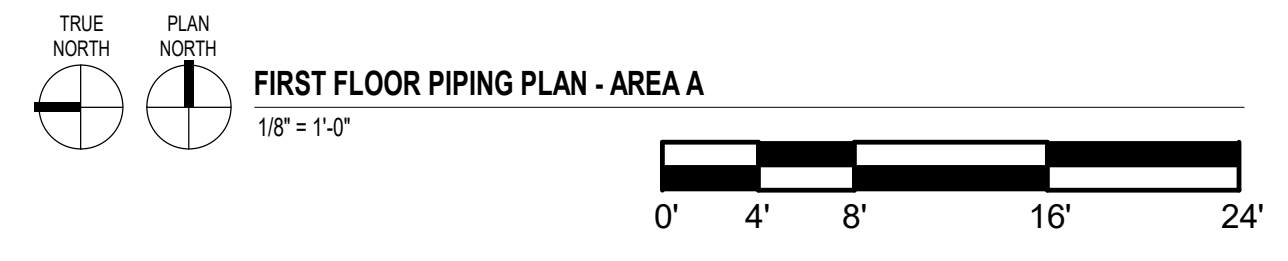


TRUE NORTH PLAN NORTH  
 LOWER LEVEL PIPING PLAN  
 1/4" = 1'-0"

KEYED NOTES	
HEX KEY	DESCRIPTION
4	OFFSET UP
7	BALANCE TO PRE-CONSTRUCTION VALUE CFM.
18	PROVIDE BOILER CONTROLLER PER SPECIFICATION. SEE SPECIFICATION FOR CONTROLS AND SEQUENCES.

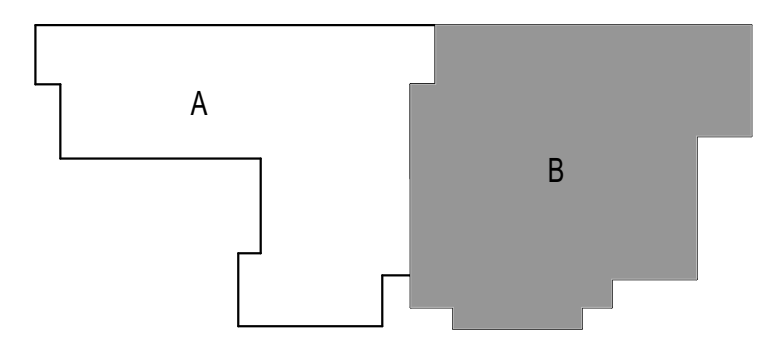
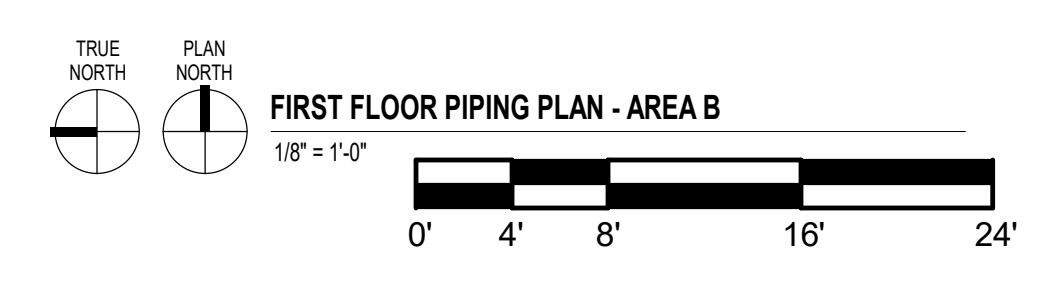
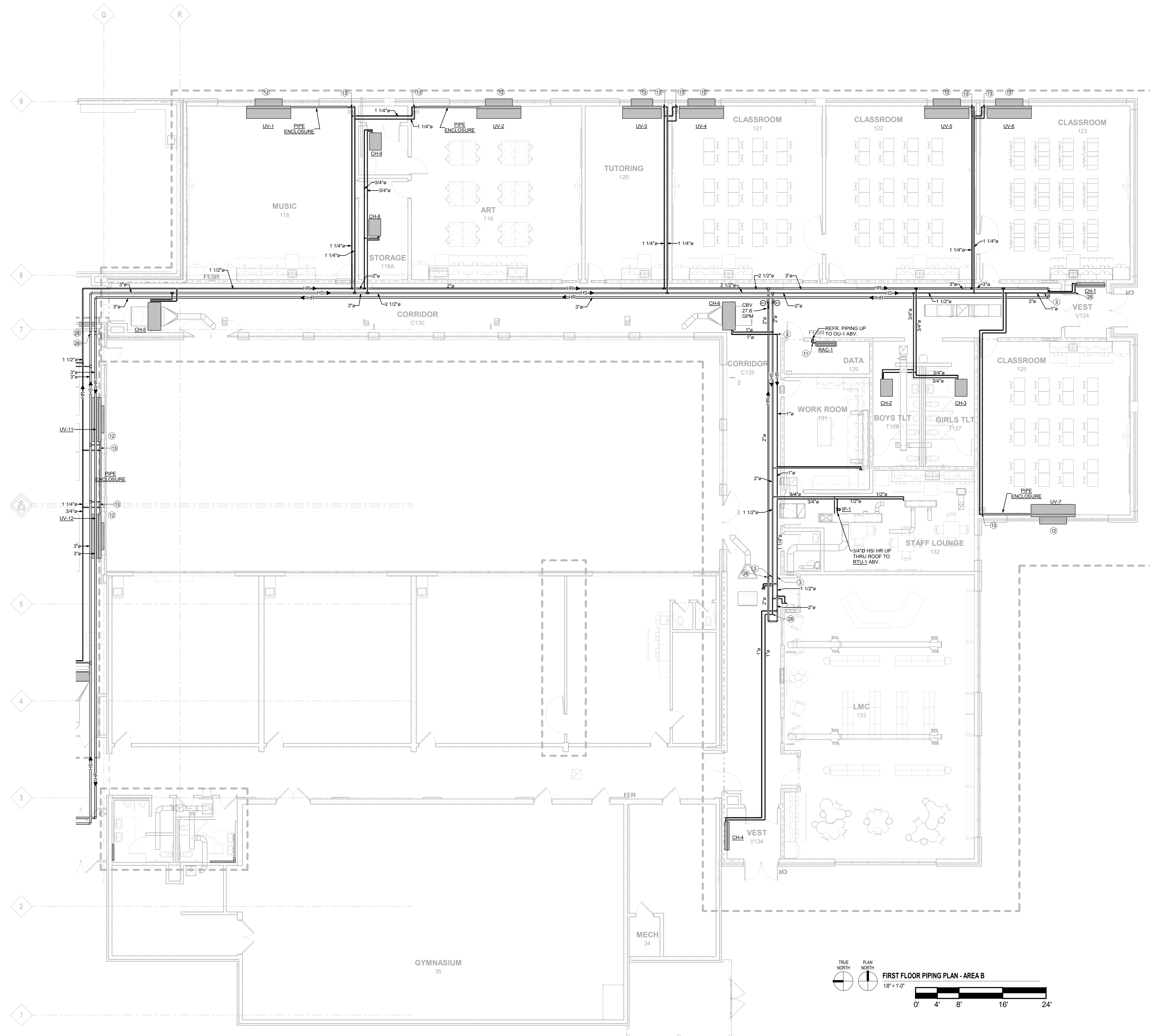


KEYED NOTES	
HEX KEY	DESCRIPTION
3	RISE
12	ROUTE 1" CONDENSATE DRAIN THRU WALL TO ABOVE GRADE. CAP PIPE TERMINATION AT WALL. SEE DETAIL.
13	1" HS DN & 1" HR UP IN CHASE AND THROUGH PIPE ENCLOSURE TO SERVE UNIT VENTILATOR.
28	DROP AND VENT



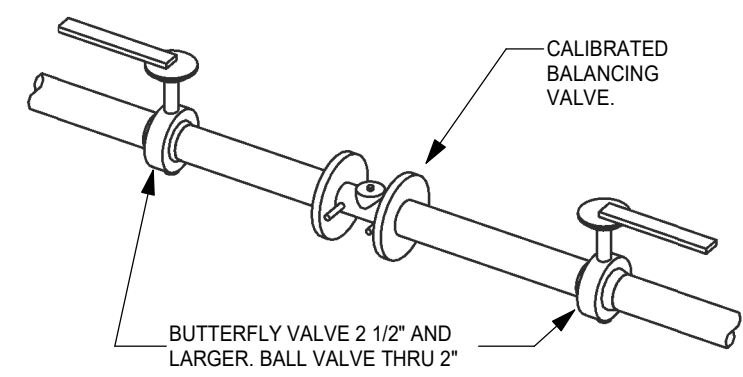
KEY PLAN



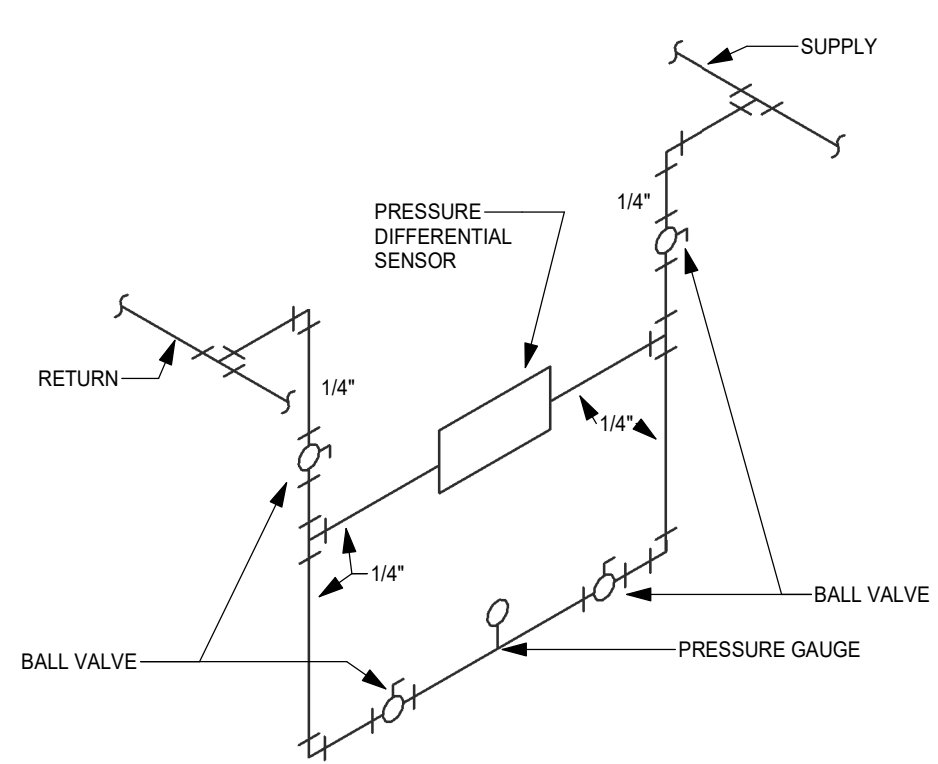


KEY PLAN

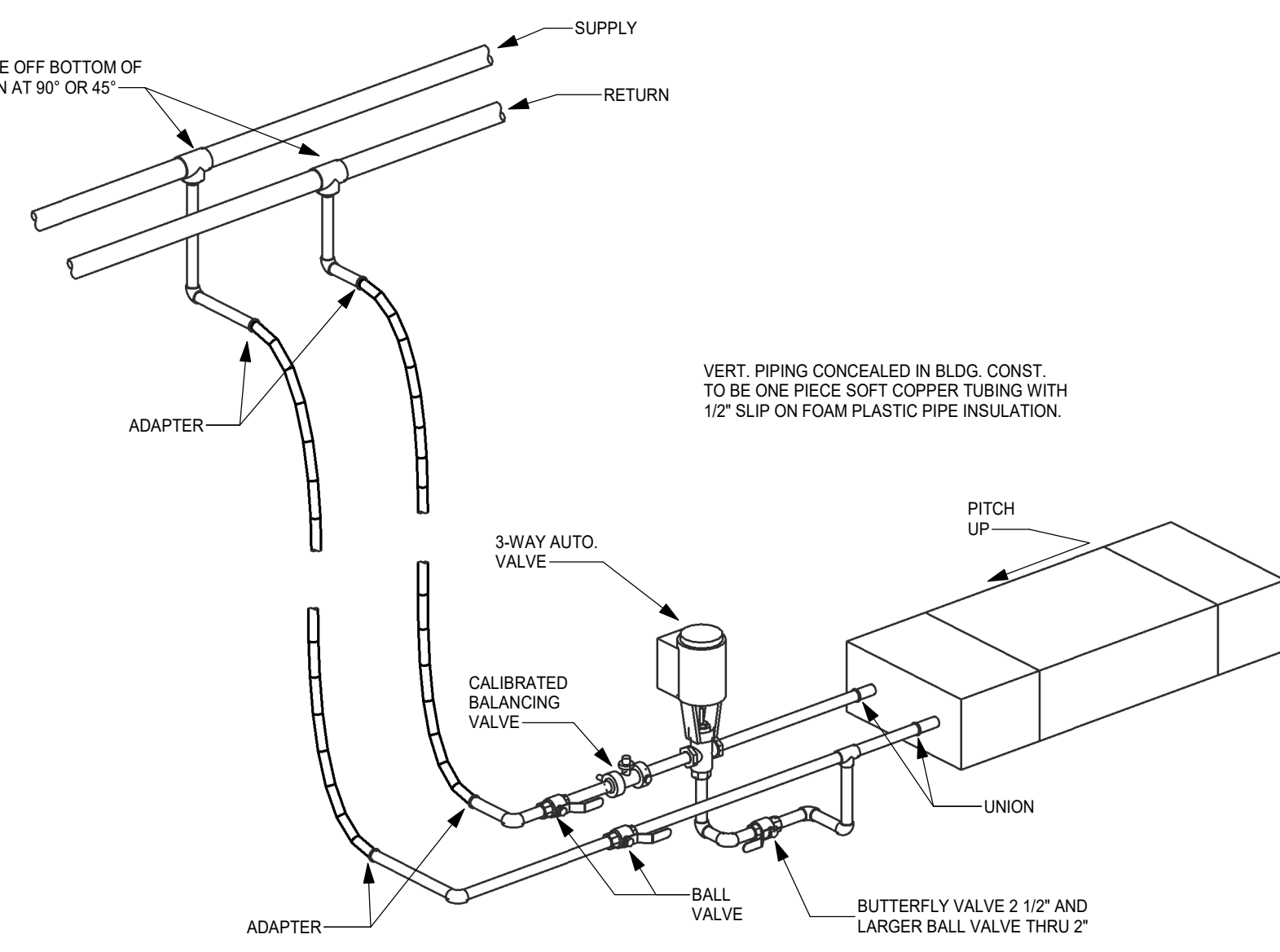
KEYED NOTES	
HEX KEY	DESCRIPTION
3	RISE
11	1-1/4" LOOP SEAL. ROUTE TO HUB WITHIN 10'-0". HUB DRAIN PROVIDED BY P.C.
12	ROUTE 1" CONDENSATE DRAIN THRU WALL TO ABOVE GRADE. CAP PIPE TERMINATION AT WALL. SEE DETAIL.
13	1" HS DN & 1" HR UP IN CHASE AND THROUGH PIPE ENCLOSURE TO SERVE UNIT VENTILATOR.
28	DROP AND VENT



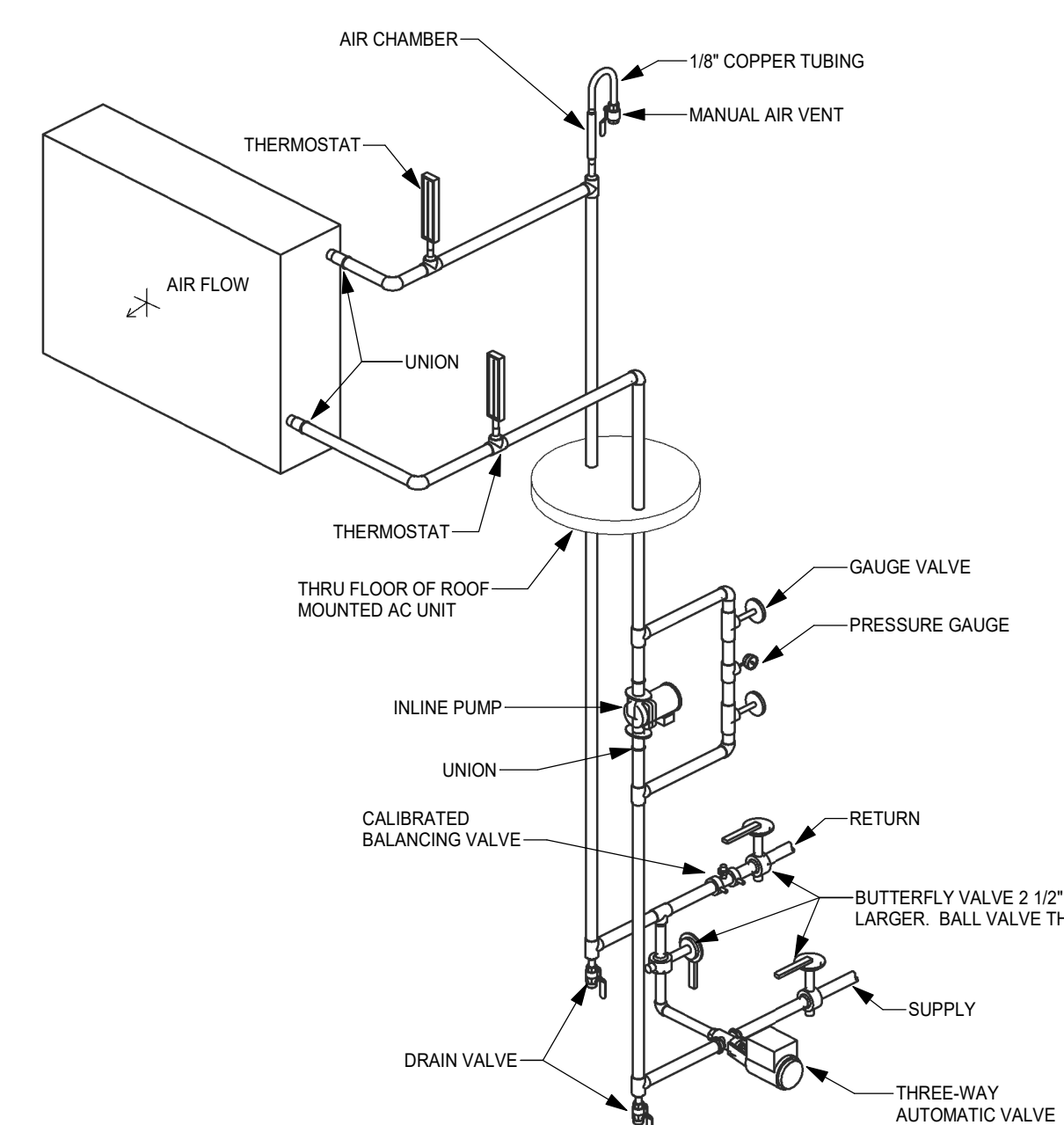
**CALIBRATED BALANCING VALVE**



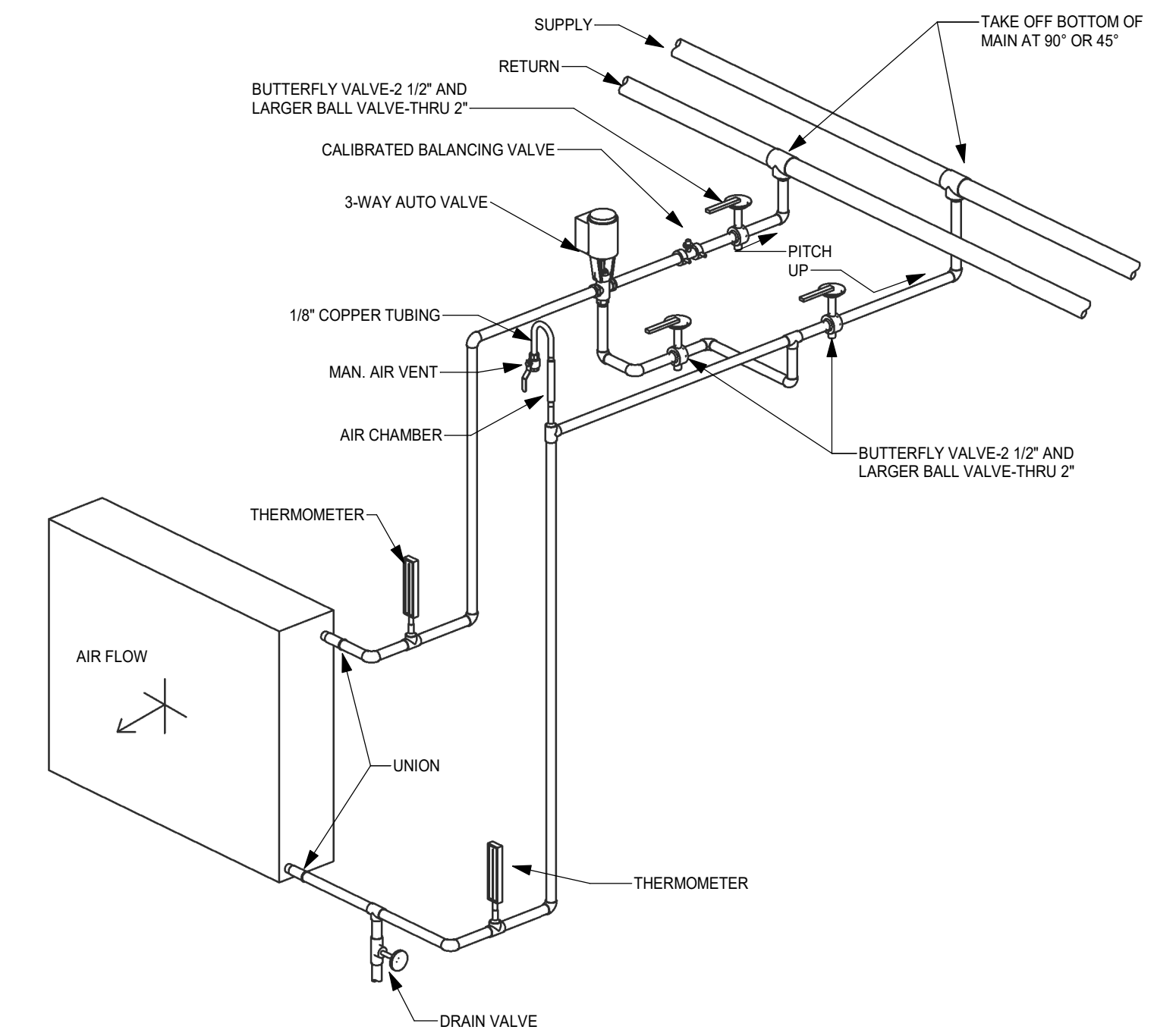
**PRESSURE DIFFERENTIAL CONTROLLER PIPING**



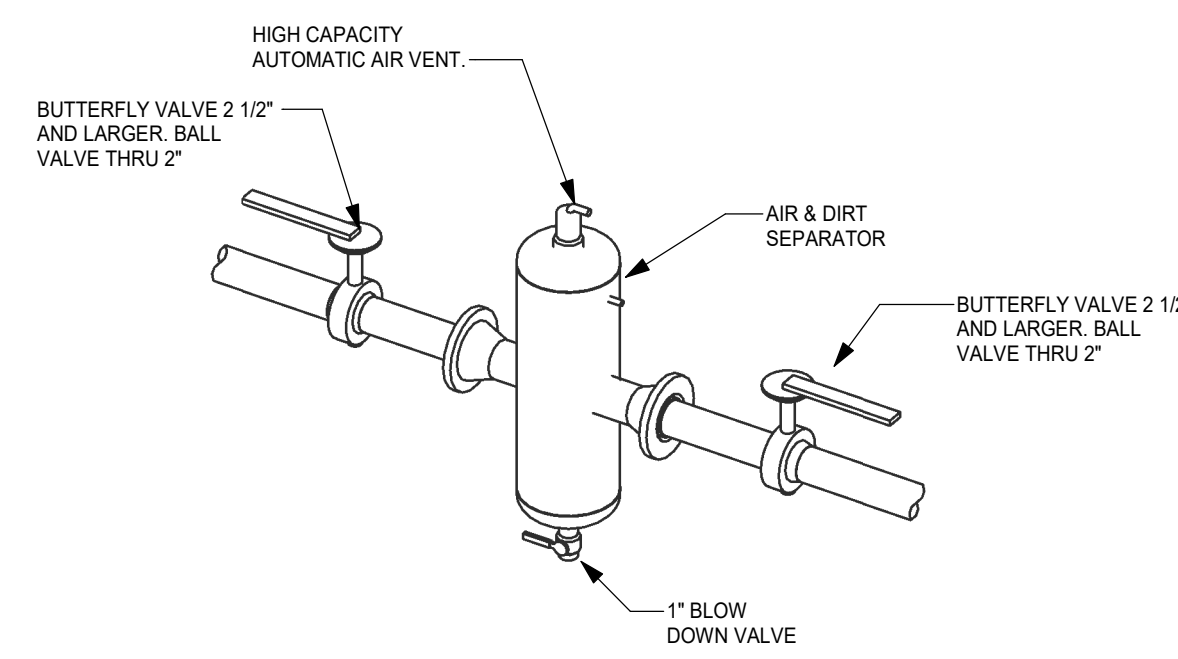
**DOWNFEED HOT WATER CABINET HEATER**



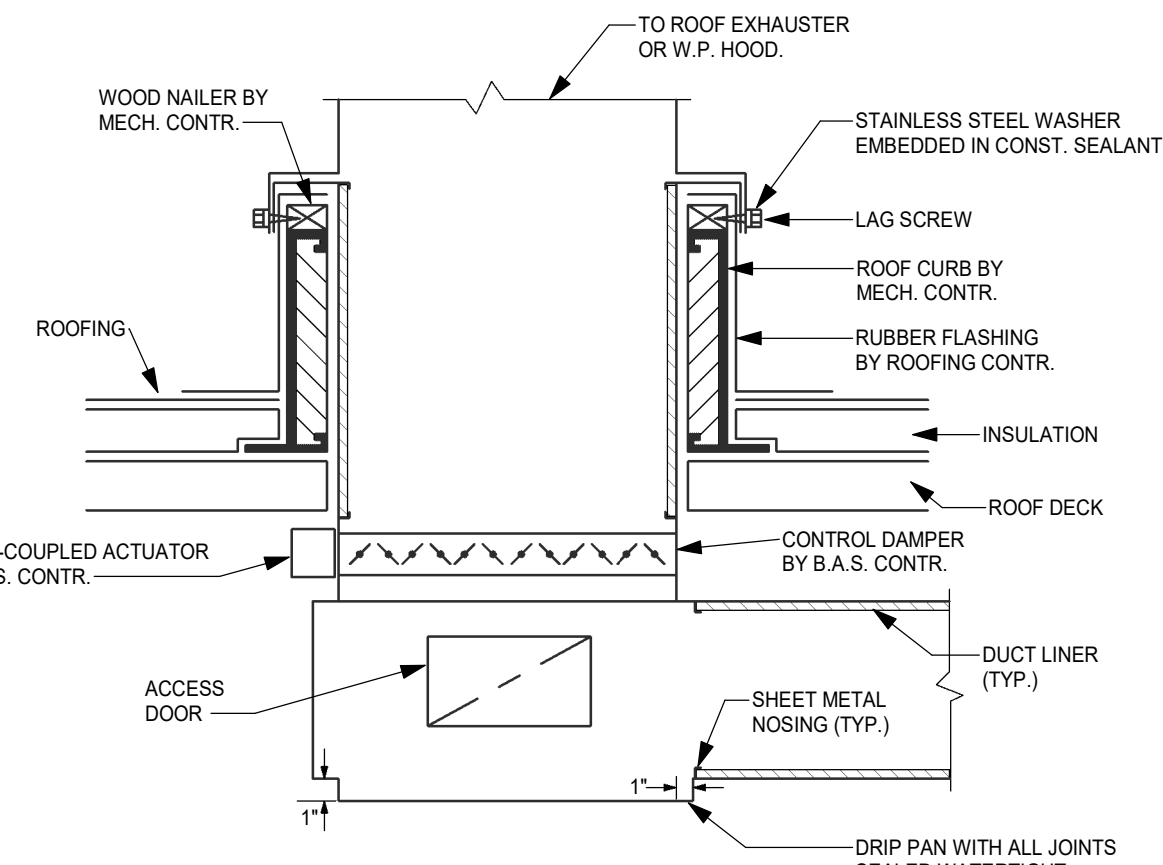
**HOT WATER HEATING COIL (PUMPED)**



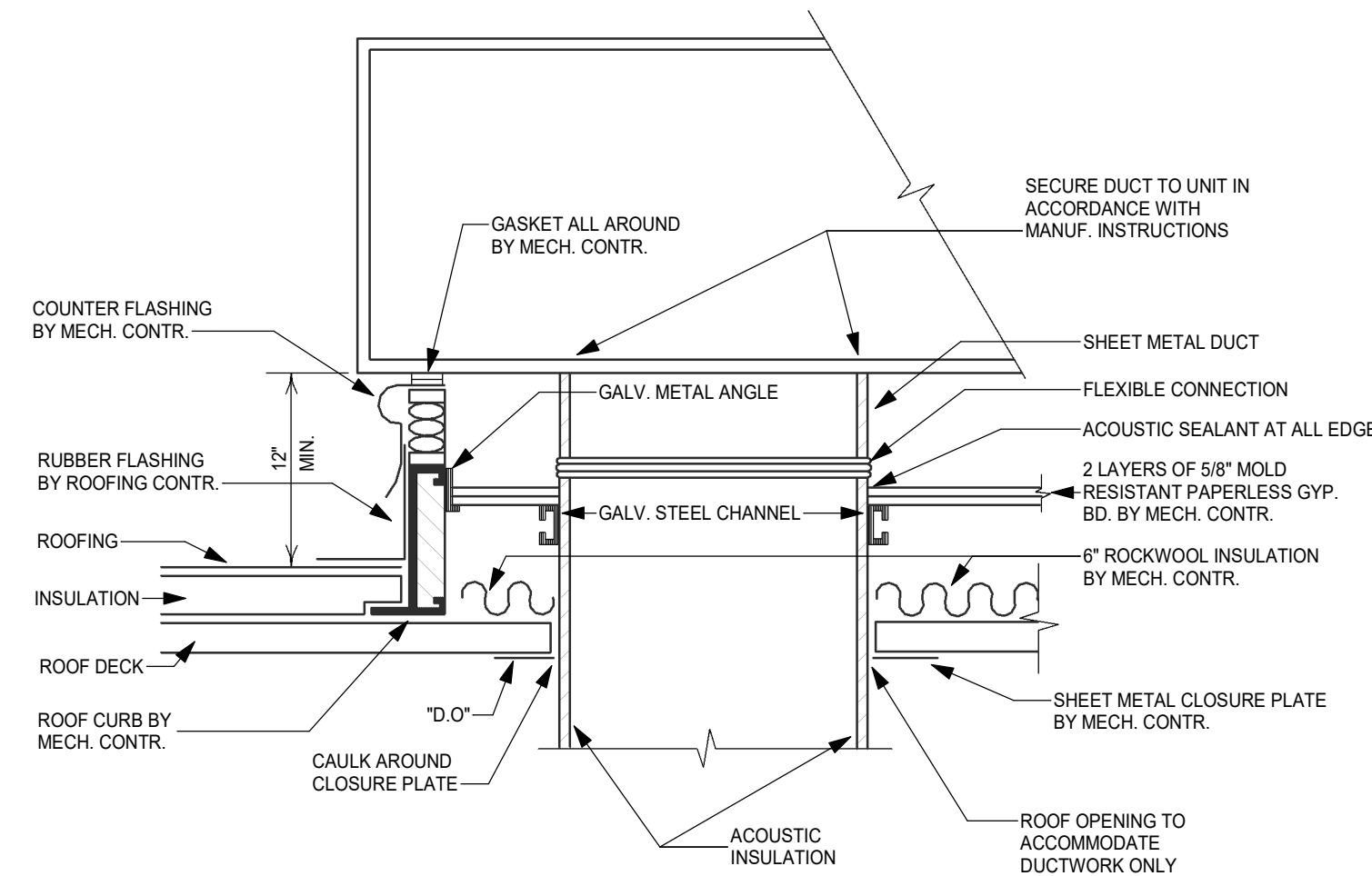
**HOT WATER HEATING COIL (FCU, VAV BOX COIL, UV)**



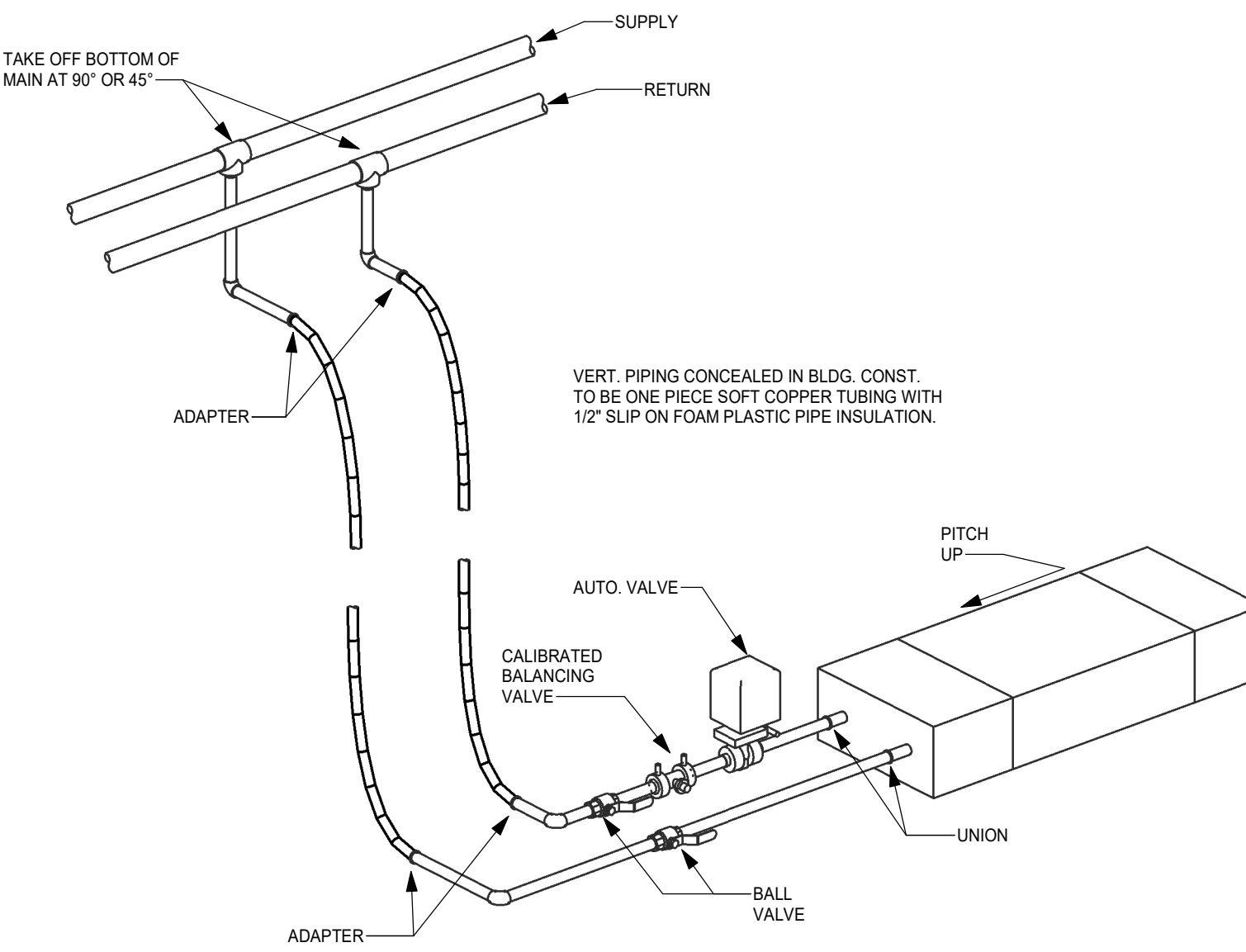
**AIR & DIRT SEPARATOR**



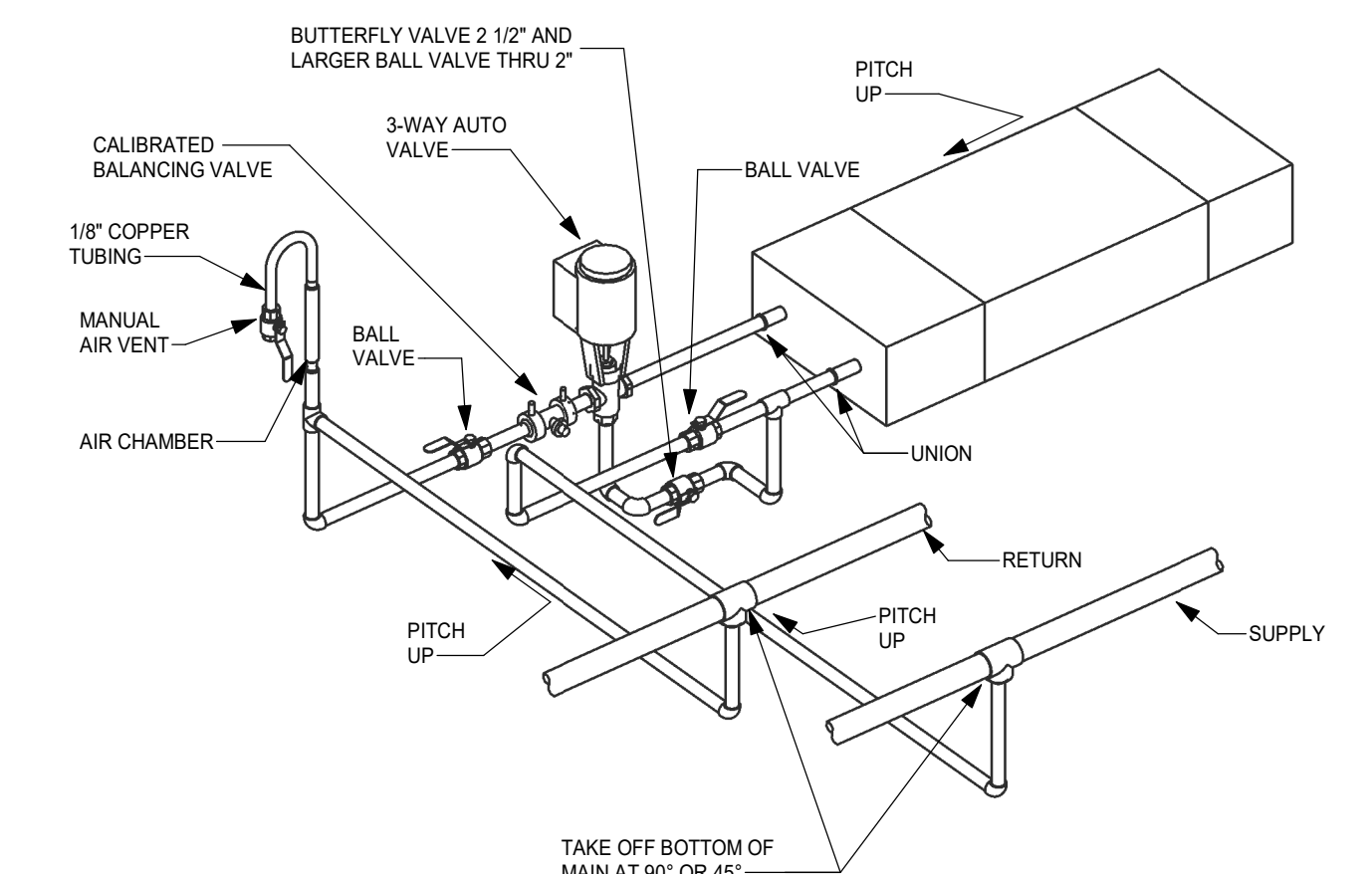
**CONDENSATE DRIP PAN**



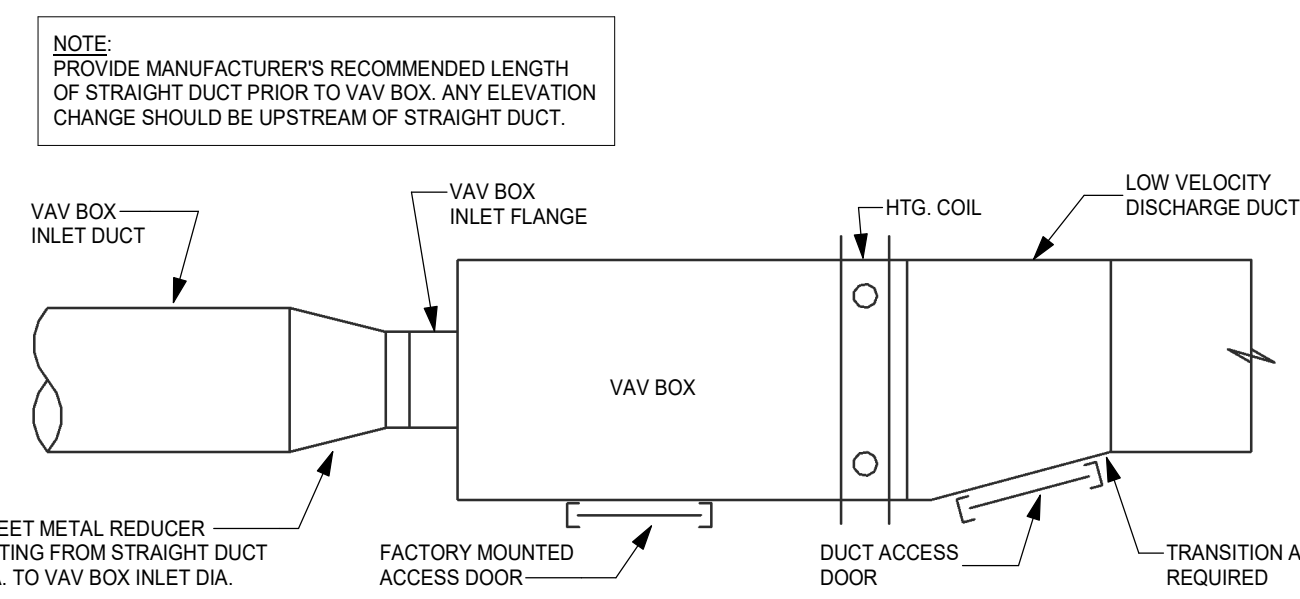
**ROOFTOP UNIT ISOLATION CURB AND DUCT CONN.**



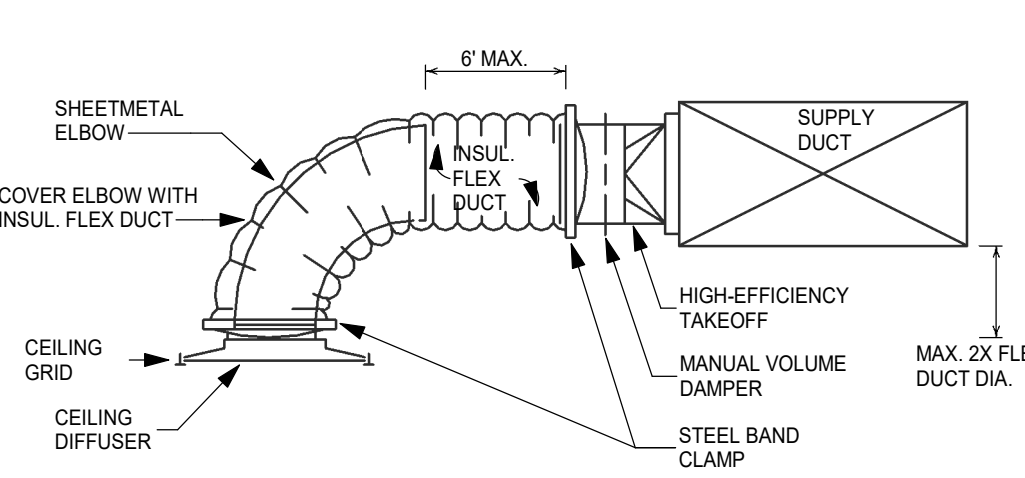
**DOWNFEED HOT WATER CABINET HEATER**



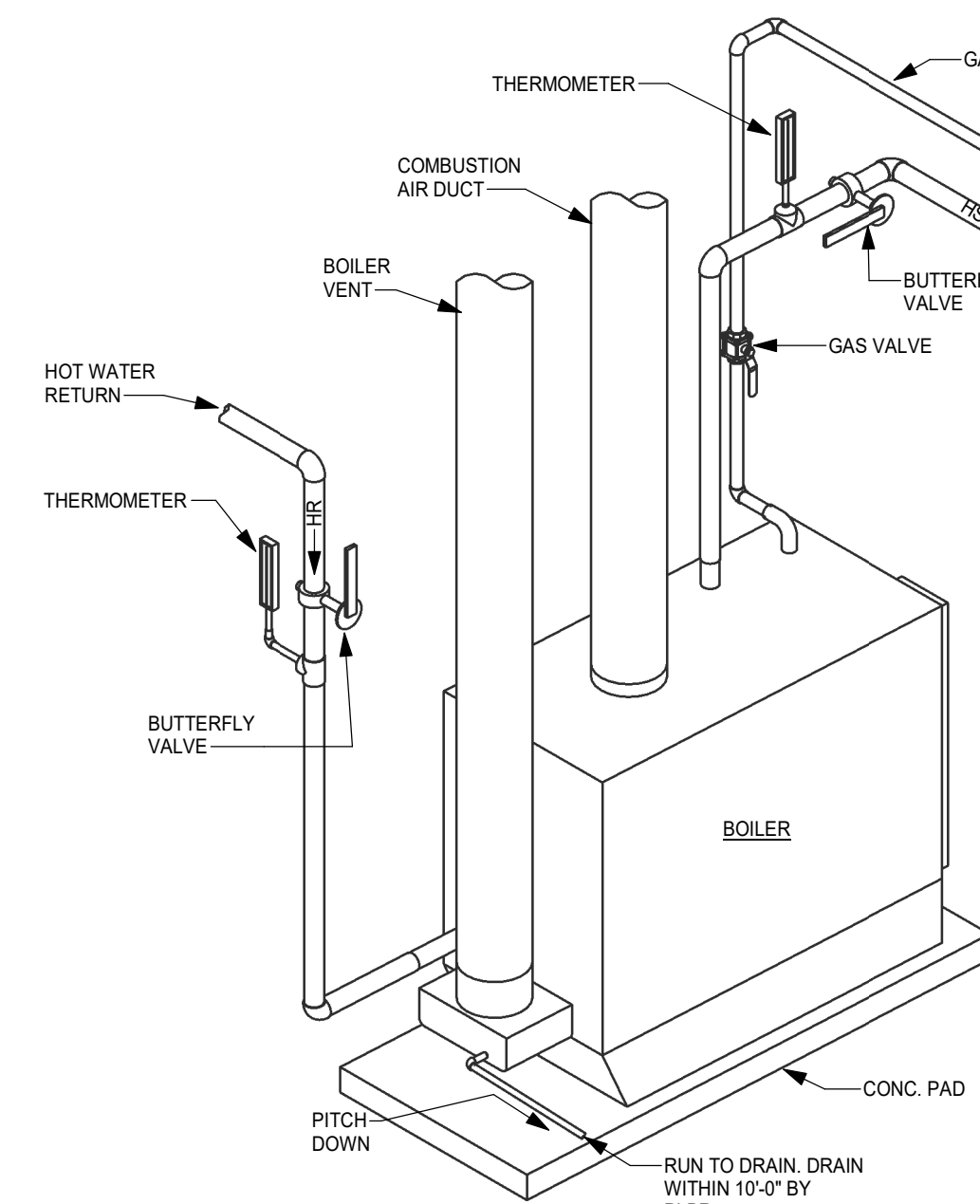
**CEILING HUNG HOT WATER CABINET HEATER**



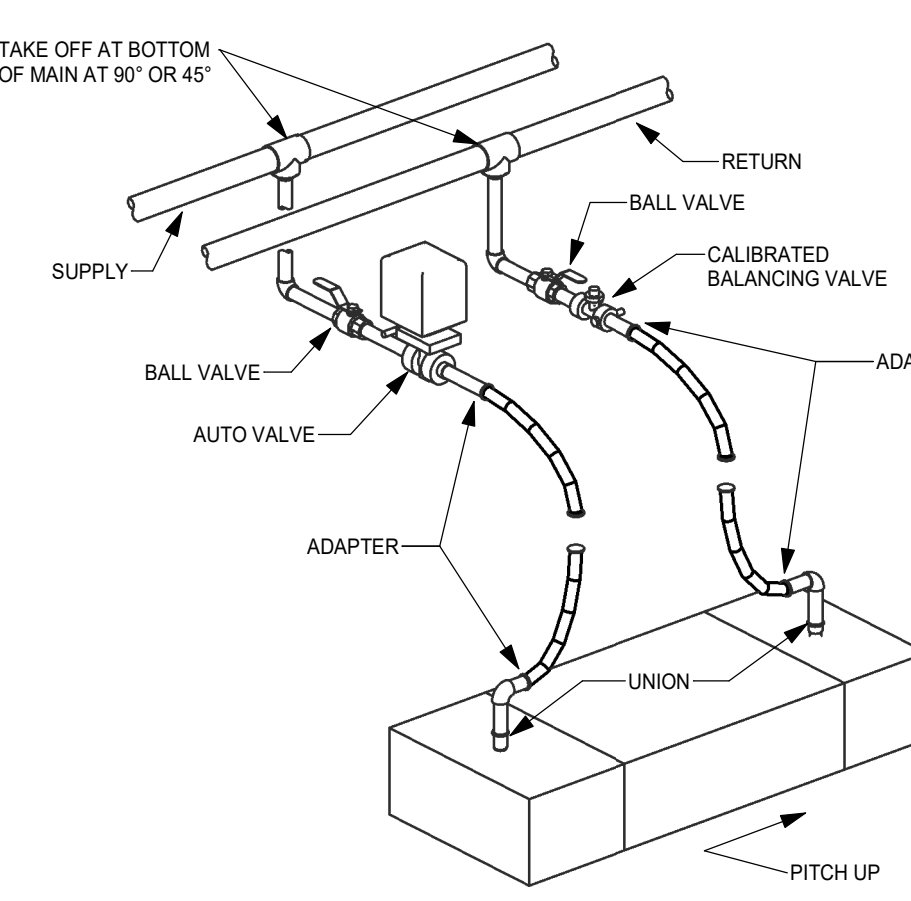
**VAV BOX DUCT CONNECTIONS**



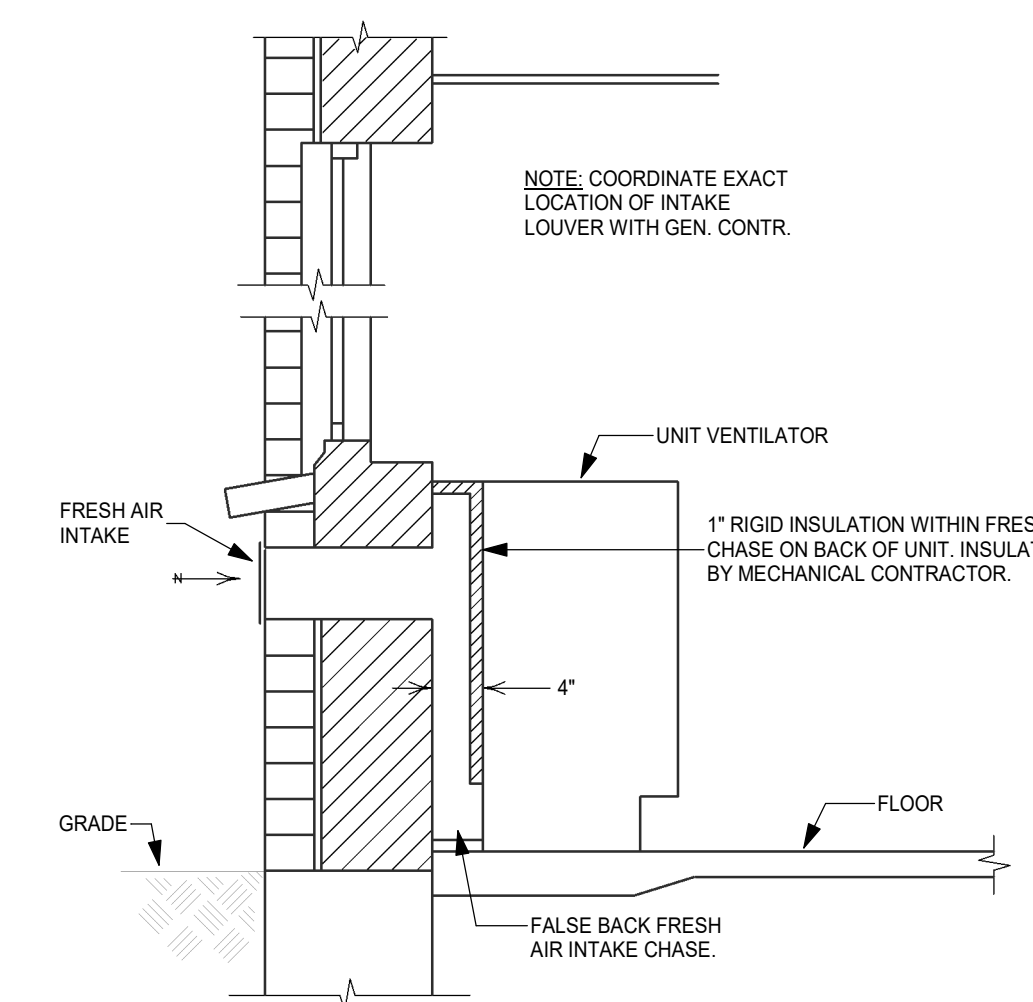
**DIFFUSER DETAIL**



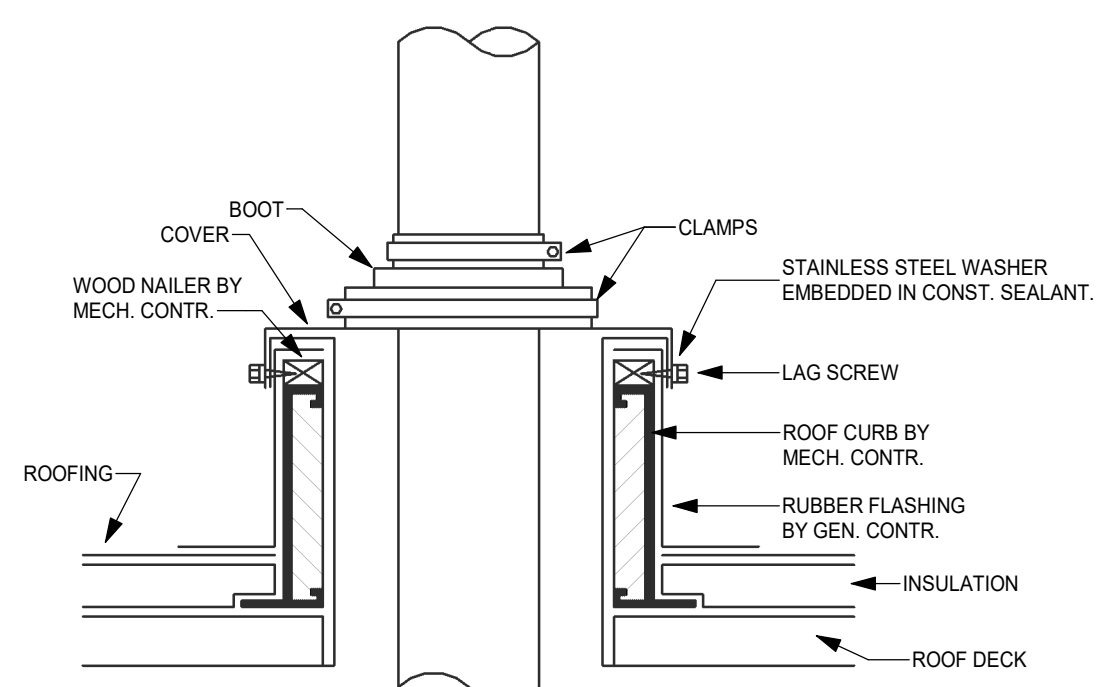
**PRIMARY VARIABLE FLOW BOILER PIPING**



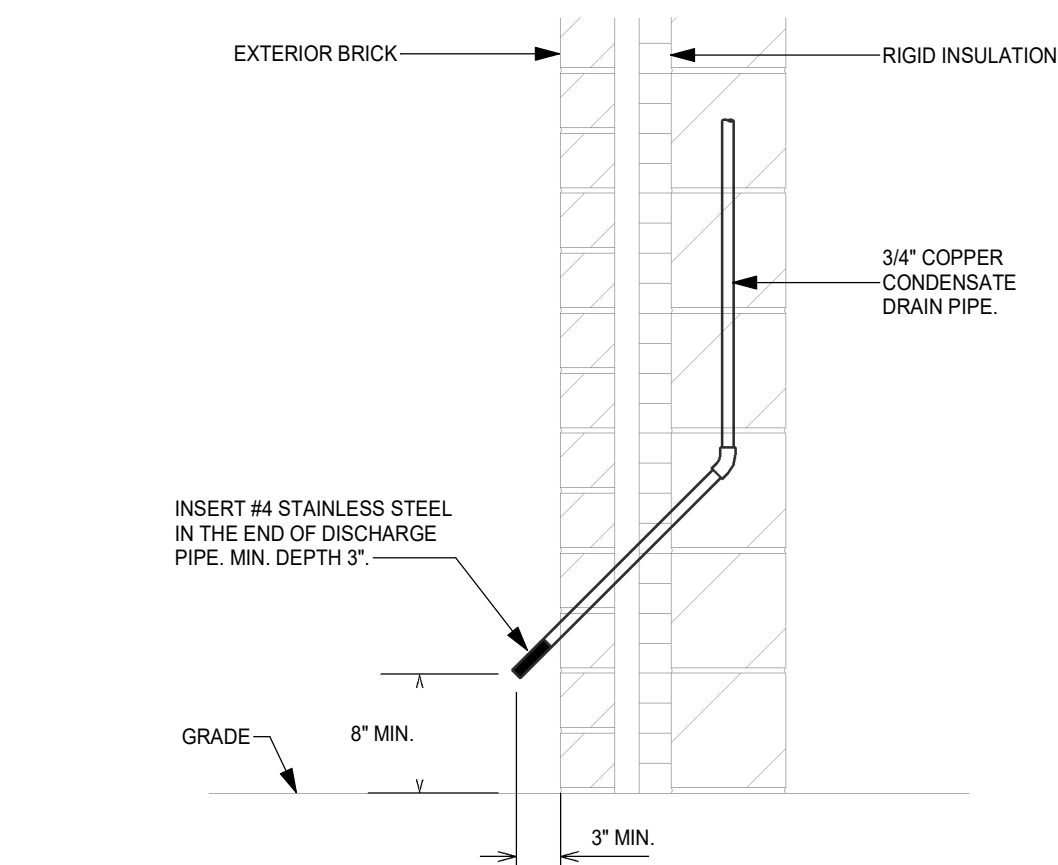
**DOWNFEED HOT WATER CONVECTOR**



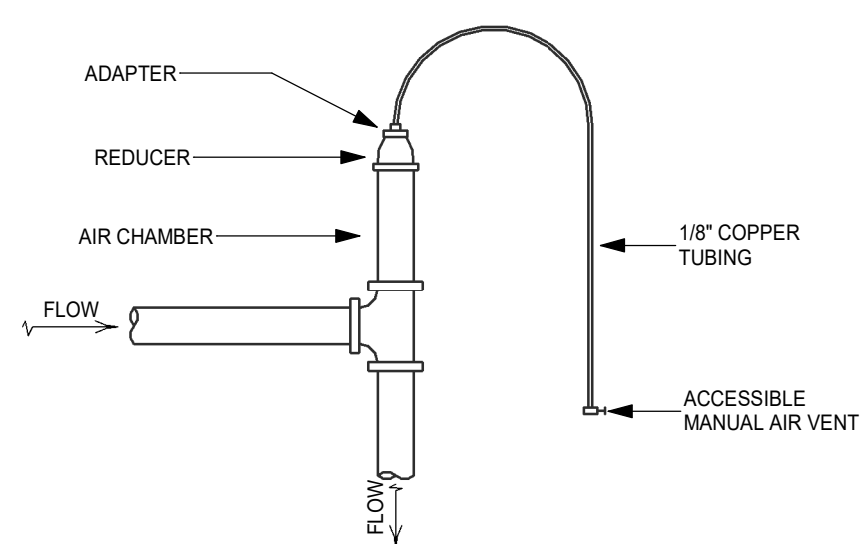
**SECTION THRU UNIT VENTILATOR**



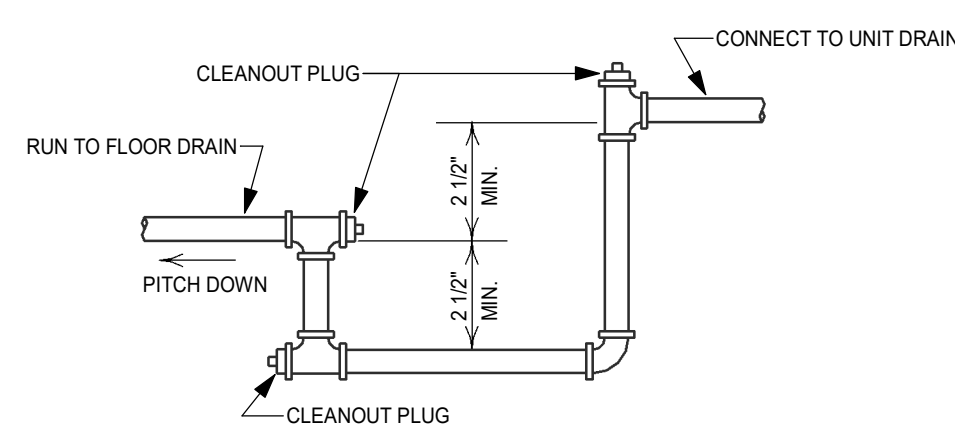
**PIPE CURB ASSEMBLY**



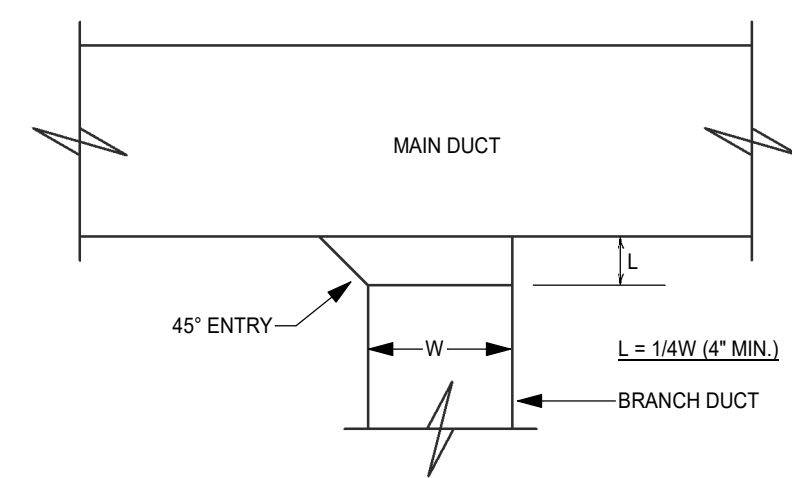
**CONDENSATE DRAIN TO GRADE**



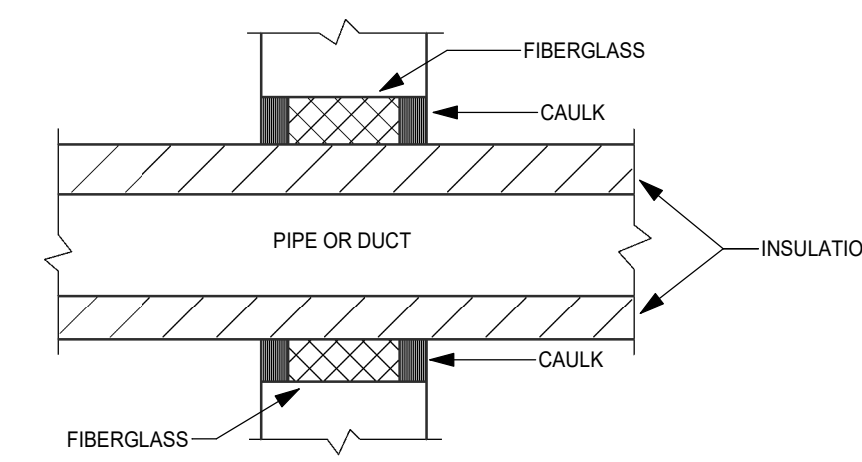
**AIR VENT**



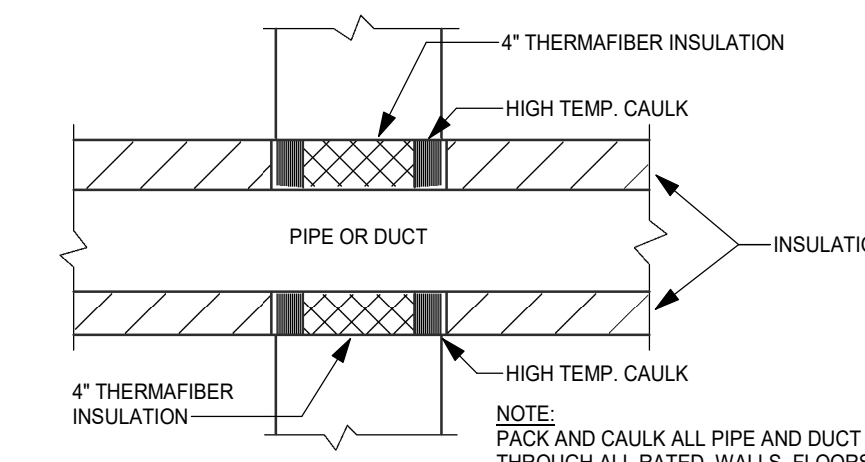
**LOOP SEAL**



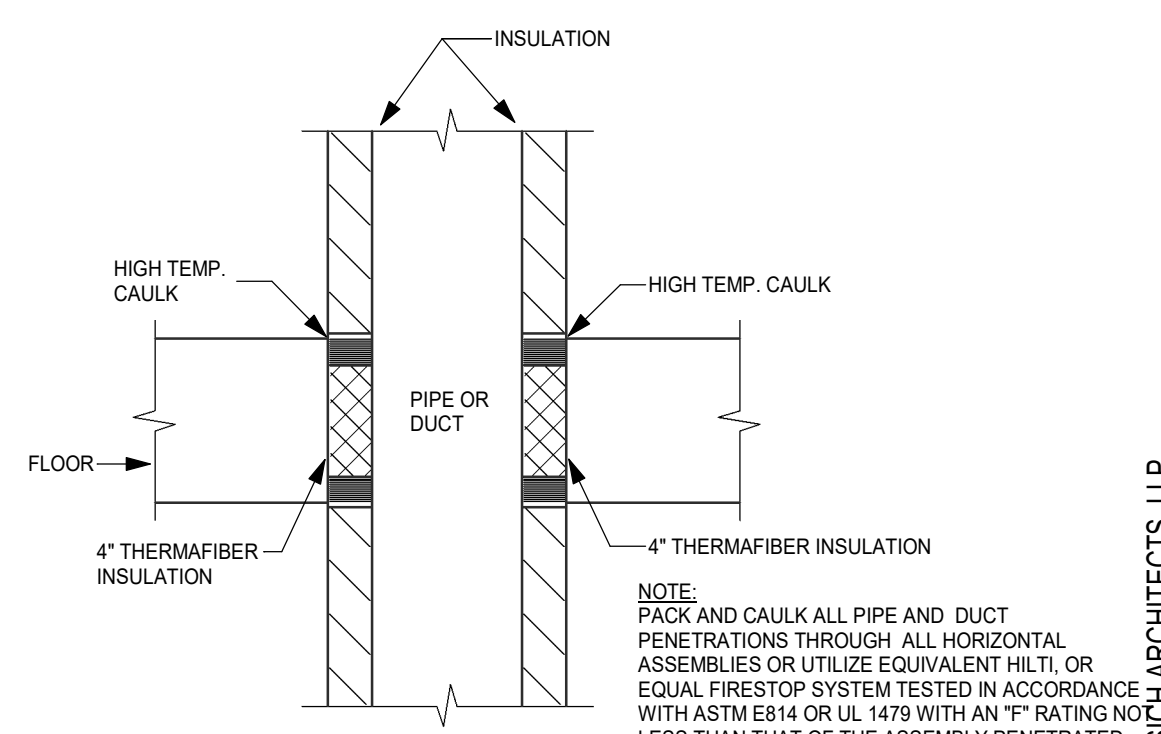
**TYPICAL BRANCH CONN.**



**PACK AND CAULK (NON-RATED WALLS)**



**PACK AND CAULK (RATED WALLS)**



**PACK AND CAULK IN HORIZONTAL ASSEMBLY**

9/13/2019 5:37:31 AM

DRAWN BY: Author

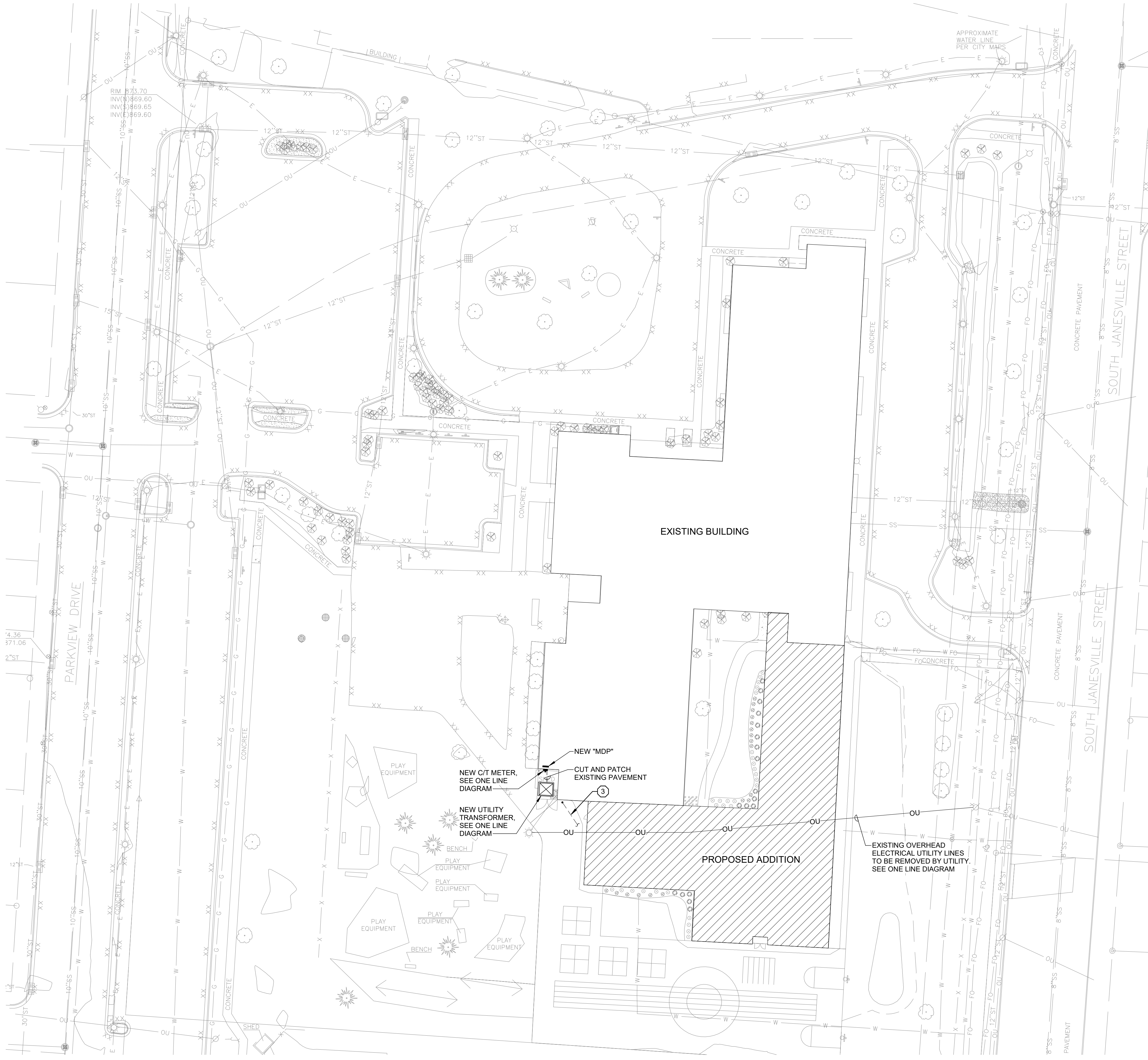
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**SCHOOL DISTRICT OF MILTON  
EAST ELEMENTARY - ADDITION & RENOVATION**  
201 NORTH JAMESVILLE STREET, MILTON, WI 53563

REVISIONS:  
CONSTRUCTION DOCUMENTS  
DATE: 09-13-19  
JOB NO: 190106-03  
SHEET NO:  
**H401**



EXISTING BUILDING

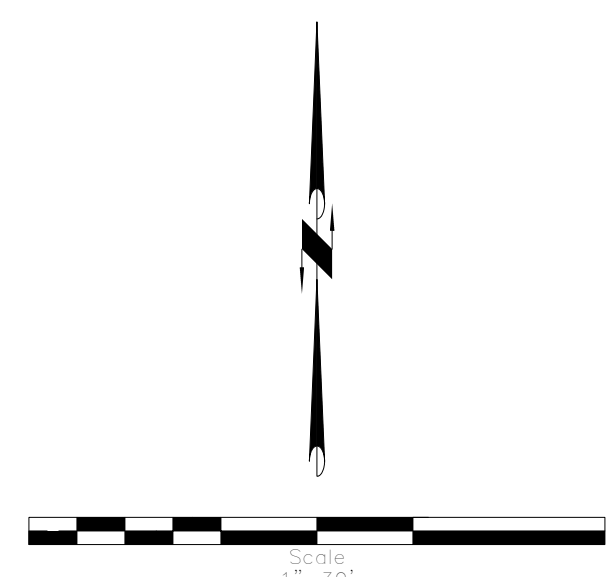
PROPOSED ADDITION

NEW MDP  
 NEW CUT METER  
 SEE ONE LINE  
 DIAGRAM

NEW UTILITY  
 TRANSFORMER  
 SEE ONE LINE  
 DIAGRAM

CUT AND PATCH  
 EXISTING PAVEMENT

EXISTING OVERHEAD  
 ELECTRICAL UTILITY LINES  
 TO BE REMOVED BY UTILITY.  
 SEE ONE LINE DIAGRAM



ELECTRICAL SITE PLAN  
 T = 30'-0"

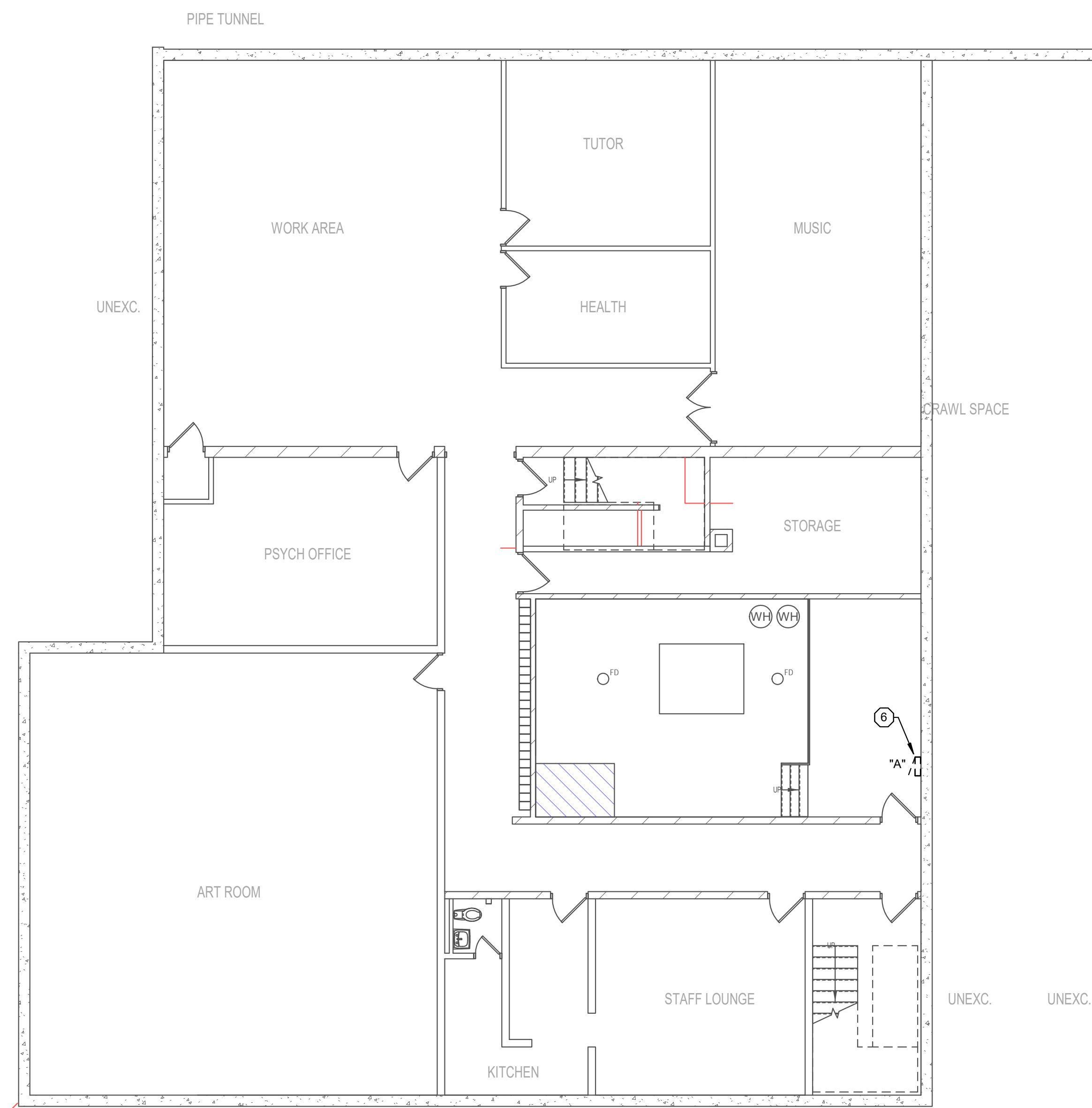
- GENERAL NOTES:**
- UNLESS SHOWN OTHERWISE, ALL CONDUITS BURIED 2'-6" BELOW FINISHED GRADE.
  - E.C. IS RESPONSIBLE FOR ALL WORK REQUIRED TO BRING SITE EXCAVATION AND TOPPING BACK TO ORIGINAL CONDITION IF TRENCHING IS DONE ON COMPACTED SURFACES.
  - EXISTING FEEDER, VERIFY EXACT ROUTING PRIOR TO CONSTRUCTION.

EAST ELEMENTARY FIXTURE SCHEDULE									
TYPE	DESCRIPTION	WATTS	LAMP TYPE	LAMP QTY.	MANUFACTURER	CATALOG NUMBER	NOTE		
A2	2x4' LAY-IN LED FLAT PANEL	30	4000K LED	VW UNIT	METALUX	24FP140C			
A2F	2x4' LAY-IN LED FLAT PANEL W/FLANGE KIT	30	4000K LED	VW UNIT	LITHONIA	EPANL-2x4-3000LM-80CRI-40K-MIN10ZT-MVGLT			
A2E	2x4' LAY-IN LED FLAT PANEL W/EM OPTION	30	4000K LED	VW UNIT	METALUX	24FP140C-EL14W			
A3	2x4' LAY-IN LED FLAT PANEL	41	4000K LED	VW UNIT	LITHONIA	EPANL-2x4-3000LM-80CRI-40K-MIN10ZT-MVGLT-E10WCP			
B2	1x4' LAY-IN LED FLAT PANEL	26	4000K LED	VW UNIT	METALUX	14FP264C			
B2E	1x4' LAY-IN LED FLAT PANEL W/EM OPTION	26	4000K LED	VW UNIT	METALUX	14FP264C-EL14W			
D4	1x4' SURFACE IND. LED	60	4000K LED	VW UNIT	LITHONIA	EPANL-1x4-3000LM-80CRI-40K-MIN10ZT-MVGLT-E10WCP			
H1	EXTERIOR THIN SURFACE LED	25	4000K LED	VW UNIT	METALUX	4LED105-3xVFL-VWGL-UVL-1850-CCT-ATY-CCHANSSETU			
H2	EXTERIOR LED WALL MTD	33	4000K LED	VW UNIT	LITHONIA	MSL-800LM-LVL-MVGLT-GZ10-40K-80CRI-FROSTED LENS			
I12	12' LINEAR LED DIRECT/INDIRECT	84	4000K LED	VW UNIT	TRACELITE	LPC1-LG-VT-4R			2,4
I12E	12' LINEAR LED DIRECT/INDIRECT W/EM OPTION	84	4000K LED	VW UNIT	LEDELITY	Q1P12-12-16V-14K			
H2	8" RECESSED LED DOWNLIGHT	42	4000K LED	VW UNIT	MCRAWCE/SON	ST-AP-800-LED-E1-SL3-XX			1,4
R4	4x4" RECESSED LED	32	4000K LED	VW UNIT	LITHONIA	MS1LED-PZ-40R-VW-MVGLT			
R8	8x4" RECESSED LED	62	4000K LED	VW UNIT	PINNACLE	1814-10-40K-12-AC48K-L1-C1-1-10-XX			
R8E	8x4" RECESSED LED W/EM OPTION	62	4000K LED	VW UNIT	FREELESS	BFMB-L1R-12FT-MSL-80CRI-40K-ID800L-MF-3070-MIN1ZT-120-SCT-FX48A-XX			1
INV1	EMERGENCY POWER INVERTER			VW UNIT	PINNACLE	LED-A-70-40K-12-AC48K-L1-C1-1-EDY-DXX			
⊗	UNIVERSAL SINGLE/DOUBLE FACE EXIT WHITE HOUSING RED LETTERS		LED	VW UNIT	PORTFOLIO	LDXB41D10-EL88-30508040-8L-UV-111			2
				VW UNIT	GOTHAM	EVG-4040-BAR-MCLESSEM-VOLT-GZ1			
				VW UNIT	NULLITE	RS4-08-40-UNV-D1-CFR-8"			
				VW UNIT	PAL	MLR3-C090-K40-8FT-LCH-UNV-LM1			
				VW UNIT	NULLITE	RS4-08-40-UNV-D1-CFR-8"			
				VW UNIT	PAL	MLR3-C090-K40-8FT-LCH-UNV-LM1			
				VW UNIT	NULLITE	RS4-08-40-UNV-D1-BFR-E-8"			
				VW UNIT	PAL	MLR3-C090-K40-8FT-LCH-UNV-LM1			
				VW UNIT	ISOLITE	IM1-124C-V1			
				VW UNIT	YOTA	RS-125-SM			
				VW UNIT	SURELITE	LPX-7			3
				VW UNIT	LITHONIA	LOM-SVW-SFR-120/271-EL-N			

- GENERAL NOTES:**
- ALL FIXTURES SHALL BE 120V UNLESS OTHERWISE NOTED.
  - PROVIDE ELECTRONIC LOW VOLTAGE DIMMER SWITCHES COMPATIBLE WITH LED FIXTURES (0-10V).

- SCHEDULE NOTES:**
- VERIFY FINISH WITH ARCHITECT FROM ALL STANDARD OPTIONS AVAILABLE.
  - VERIFY EXACT TRM RING COLOR WITH ARCHITECT FROM ALL STANDARD OPTIONS PRIOR TO ORDERING.
  - CONTRACTOR TO CONFIRM MOUNTING, DIRECTIONAL INDICATORS, AND FACE REQUIREMENTS PER THE DRAWINGS.
  - EMERGENCY LIGHTING PROVIDED BY INTERTEC, SEE FLOOR PLAN FOR LOCATION OF INVERTER.

ELECTRICAL SHEET LIST	
Sheet Number	Sheet Name
E001	ELECTRICAL SITE PLAN AND FIXTURE SCHEDULE
E100	FIRST FLOOR PLAN - AREA A - DEMO
E101	FIRST FLOOR PLAN - AREA B - DEMO
E200	LOWER LEVEL PLAN - ELECTRICAL & ONE LINE DIAGRAM
E201L	FIRST FLOOR PLAN - AREA A - LIGHTING
E201P	FIRST FLOOR PLAN - AREA A - POWER
E202	ENLARGED KITCHEN PLAN AND DETAILS
E203L	FIRST FLOOR PLAN - AREA B & C - LIGHTING
E203P	FIRST FLOOR PLAN - AREA B & C - POWER
E300	OVERALL FLOOR PLANS - FIRE ALARM
E400	DETAILS
E500	OVERALL DATA ROUTING PLAN



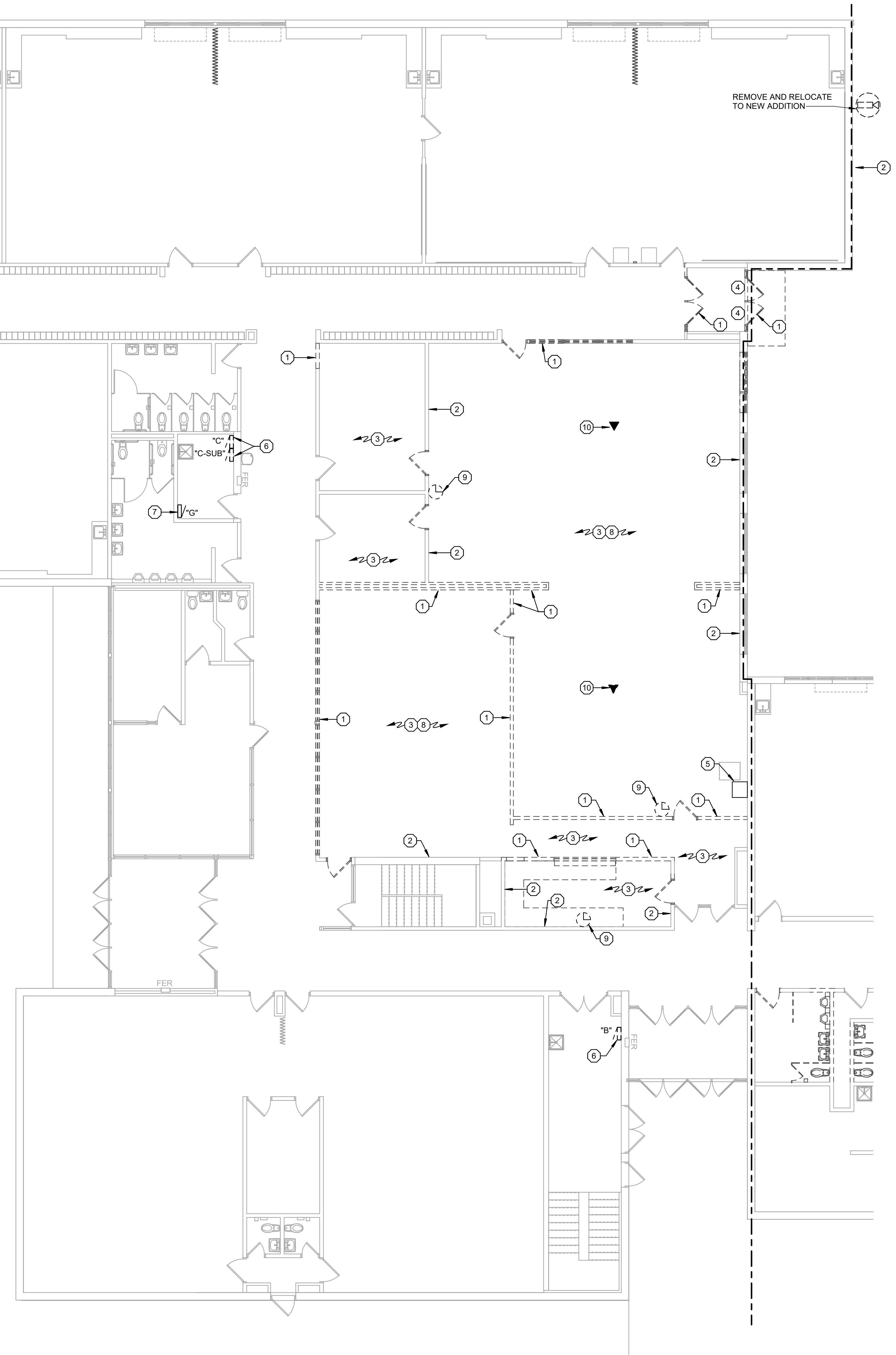
LOWER LEVEL PLAN - AREA A - DEMO  
1/8" = 1'-0"

**GENERAL NOTES:**

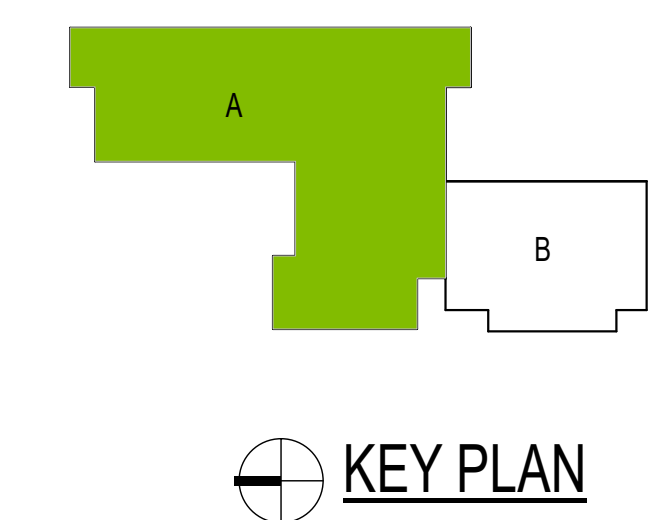
1. ALL DEVICES AND EQUIPMENT SHOWN ARE TO BE REMOVED UNLESS SPECIFICALLY NOTED OTHERWISE. SEE PLAN NOTES FOR SPECIFIC WORK REQUIRED.
2. REMOVE ALL DEVICES AND ASSOCIATED WIRING AND CONDUIT BACK TO PANEL OR HEAD END ON EXISTING WALLS AND CEILINGS SCHEDULED TO BE REMOVED. RE-FEED ANY DEVICES ON SAME CIRCUIT SCHEDULED TO REMAIN.
3. PROVIDE A BLANK STAINLESS STEEL COVER PLATE ON ALL UNUSED OPENINGS. IN WALLS SCHEDULED TO REMAIN. IF OPENING WILL NOT ACCEPT BLANK PLATE, PATCH WALL TO MATCH EXISTING.
4. REMOVE AND SITE CLEAR ALL REMOVED LIGHT FIXTURES.
5. DEVICES AND EQUIPMENT SHOWN ON DRAWINGS ARE NOT ALL INCLUSIVE. EVALUATE EXISTING CONDITIONS AND REMOVE ALL ELECTRICAL EQUIPMENT AND DEVICES AS NEEDED TO ACCOMMODATE DEMOLITION OF EXISTING AREAS.
6. VISIT THE PREMISES AND TAKE NOTE OF ALL EXISTING CONDITIONS WHICH MAY AFFECT WORK AND BE RESPONSIBLE FOR KNOWLEDGE OF SAME IN PREPARATION OF BID. LACK OF INFORMATION ON EXISTING CONDITIONS WILL NOT BE ALLOWED AS A VALID CAUSE FOR ADDITIONAL COMPENSATION.
7. SEE HVAC AND PLUMBING PLANS FOR HVAC AND PLUMBING EQUIPMENT REMOVED. REMOVE ALL EXISTING ELECTRICAL ASSOCIATED WITH REMOVED EQUIPMENT. RE-LABEL CIRCUIT BREAKER AS "SPARE" OR REMOVED IF BREAKER SPACE IS REQUIRED TO ACCOMMODATE NEW LOADS IN EXISTING PANELBOARD.
8. STRAP AND RIGIDLY SUPPORT ALL EXISTING CONDUIT AND BOXES ABOVE LAY-IN CEILINGS SCHEDULED TO BE REMOVED. VISIT SITE PRIOR TO BID TO DETERMINE EXTENT OF WORK.

**PLAN NOTES:** (X)

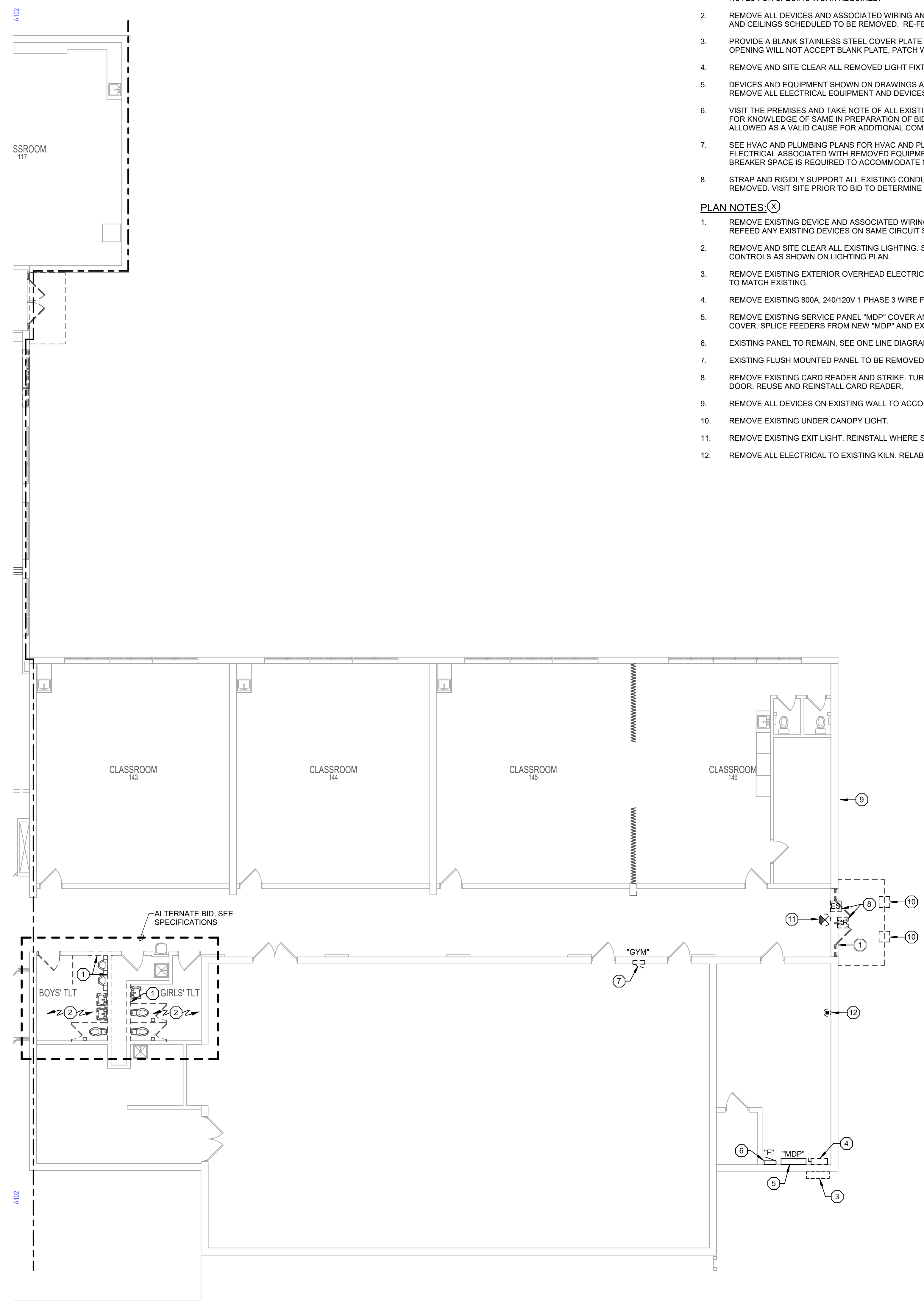
1. REMOVE EXISTING DEVICE AND ASSOCIATED WIRING, BOX, AND CONDUIT, IN WALL SCHEDULED TO BE REMOVED. RE-FEED ANY EXISTING DEVICES ON SAME CIRCUIT SCHEDULED TO REMAIN.
2. REMOVE ALL EXISTING DEVICES ON EXISTING WALL. PATCH WALL TO MATCH EXISTING SURFACE.
3. REMOVE AND SITE CLEAR ALL EXISTING LIGHTING, SENSORS, AND CONTROLS. PROVIDE NEW LIGHTING AND CONTROLS AS SHOWN ON LIGHTING PLAN.
4. REMOVE EXISTING CARD READER AND STRIKE. TURN OVER STRIKE TO OWNER. EXTEND WIRING TO NEW DOOR. REUSE AND REINSTALL CARD READER.
5. EXISTING DATA RACK TO BE REMOVED AND RELOCATED BY DISTRICT PRIOR TO CONSTRUCTION START.
6. EXISTING SURFACE MOUNTED PANEL TO BE REMOVED, SEE ONE LINE DIAGRAM.
7. EXISTING PANEL TO REMAIN.
8. RESUPPORT ALL EXISTING LOW VOLTAGE CABLING AND CONDUIT ABOVE EXISTING CEILINGS.
9. REMOVE AND REINSTALL. SEE POWER PLANS.
10. REMOVE WAP. TEMP SUPPORT DATA CABLING AND REINSTALL IN NEW CEILING.



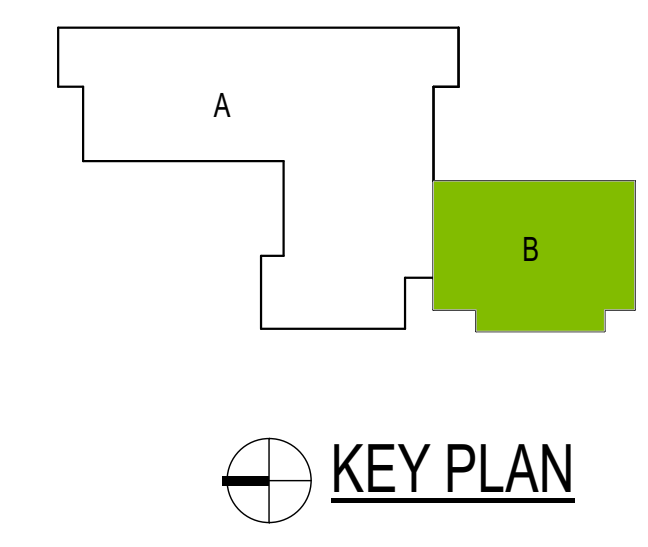
FIRST FLOOR PLAN - AREA A - DEMO  
1/8" = 1'-0"



KEY PLAN



FIRST FLOOR PLAN - AREA B - DEMO  
1/8" = 1'-0"



**GENERAL NOTES:**

- ALL DEVICES AND EQUIPMENT SHOWN ARE TO BE REMOVED UNLESS SPECIFICALLY NOTED OTHERWISE. SEE PLAN NOTES FOR SPECIFIC WORK REQUIRED.
- REMOVE ALL DEVICES AND ASSOCIATED WIRING AND CONDUIT BACK TO PANEL OR HEAD END ON EXISTING WALLS AND CEILINGS SCHEDULED TO BE REMOVED. RE-FEED ANY DEVICES ON SAME CIRCUIT SCHEDULED TO REMAIN.
- PROVIDE A BLANK STAINLESS STEEL COVER PLATE ON ALL UNUSED OPENINGS, IN WALLS SCHEDULED TO REMAIN. IF OPENING WILL NOT ACCEPT BLANK PLATE, PATCH WALL TO MATCH EXISTING.
- REMOVE AND SITE CLEAR ALL REMOVED LIGHT FIXTURES.
- DEVICES AND EQUIPMENT SHOWN ON DRAWINGS ARE NOT ALL INCLUSIVE. EVALUATE EXISTING CONDITIONS AND REMOVE ALL ELECTRICAL EQUIPMENT AND DEVICES AS NEEDED TO ACCOMMODATE DEMOLITION OF EXISTING AREAS.
- VISIT THE PREMISES AND TAKE NOTE OF ALL EXISTING CONDITIONS WHICH MAY AFFECT WORK AND BE RESPONSIBLE FOR KNOWLEDGE OF SAME IN PREPARATION OF BID. LACK OF INFORMATION ON EXISTING CONDITIONS WILL NOT BE ALLOWED AS A VALID CAUSE FOR ADDITIONAL COMPENSATION.
- SEE HVAC AND PLUMBING PLANS FOR HVAC AND PLUMBING EQUIPMENT REMOVED. REMOVE ALL EXISTING ELECTRICAL ASSOCIATED WITH REMOVED EQUIPMENT. RE-LABEL CIRCUIT BREAKER AS "SPARE" OR REMOVED IF BREAKER SPACE IS REQUIRED TO ACCOMMODATE NEW LOADS IN EXISTING PANELBOARD.
- STRAP AND RIGIDLY SUPPORT ALL EXISTING CONDUIT AND BOXES ABOVE LAY-IN CEILINGS SCHEDULED TO BE REMOVED. VISIT SITE PRIOR TO BID TO DETERMINE EXTENT OF WORK.

**PLAN NOTES:**

- REMOVE EXISTING DEVICE AND ASSOCIATED WIRING, BOX, AND CONDUIT, IN WALL SCHEDULED TO BE REMOVED. REFEED ANY EXISTING DEVICES ON SAME CIRCUIT SCHEDULED TO REMAIN.
- REMOVE AND SITE CLEAR ALL EXISTING LIGHTING, SENSORS, AND CONTROLS. PROVIDE NEW LIGHTING AND CONTROLS AS SHOWN ON LIGHTING PLAN.
- REMOVE EXISTING EXTERIOR OVERHEAD ELECTRIC SERVICE, C/T CABINET AND METER. PATCH ALL WALL SURFACES TO MATCH EXISTING.
- REMOVE EXISTING 800A, 240/120V 1 PHASE 3 WIRE FUSIBLE SERVICE ENTRANCE DISCONNECT SWITCH.
- REMOVE EXISTING SERVICE PANEL "MDP" COVER AND INTERIOR. CONVERT BOX TO JUNCTION BOX AND PROVIDE NEW COVER. SPLICE FEEDERS FROM NEW "MDP" AND EXISTING FEEDERS TO PANELBOARDS WITHIN BOX.
- EXISTING PANEL TO REMAIN. SEE ONE LINE DIAGRAM.
- EXISTING FLUSH MOUNTED PANEL TO BE REMOVED. SEE ONE LINE DIAGRAM.
- REMOVE EXISTING CARD READER AND STRIKE. TURN STRIKE OVER STRIKE TO OWNER. EXTEND WIRING TO NEW DOOR. REUSE AND REINSTALL CARD READER.
- REMOVE ALL DEVICES ON EXISTING WALL TO ACCOMODATE NEW ADDITION.
- REMOVE EXISTING UNDER CANOPY LIGHT.
- REMOVE EXISTING EXIT LIGHT. REINSTALL WHERE SHOWN ON LIGHTING PLAN.
- REMOVE ALL ELECTRICAL TO EXISTING KILN. RELABEL BREAKER SPARE.





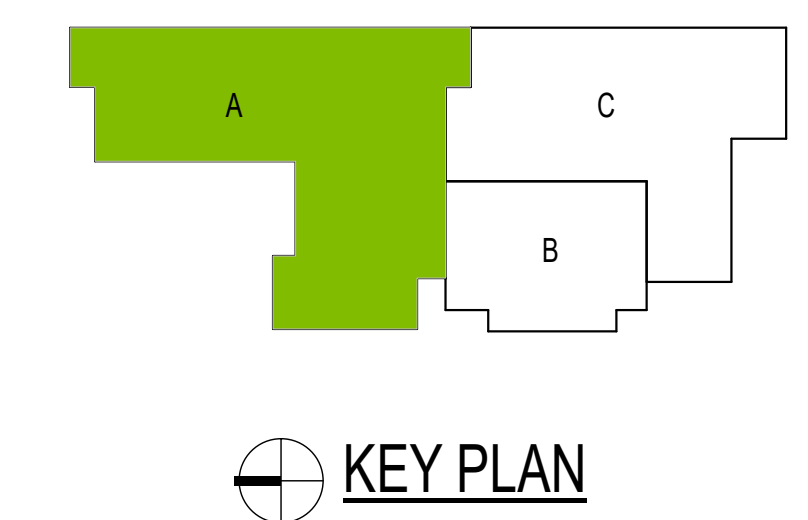
FIRST FLOOR PLAN - AREA A - LIGHTING  
1/8" = 1'-0"

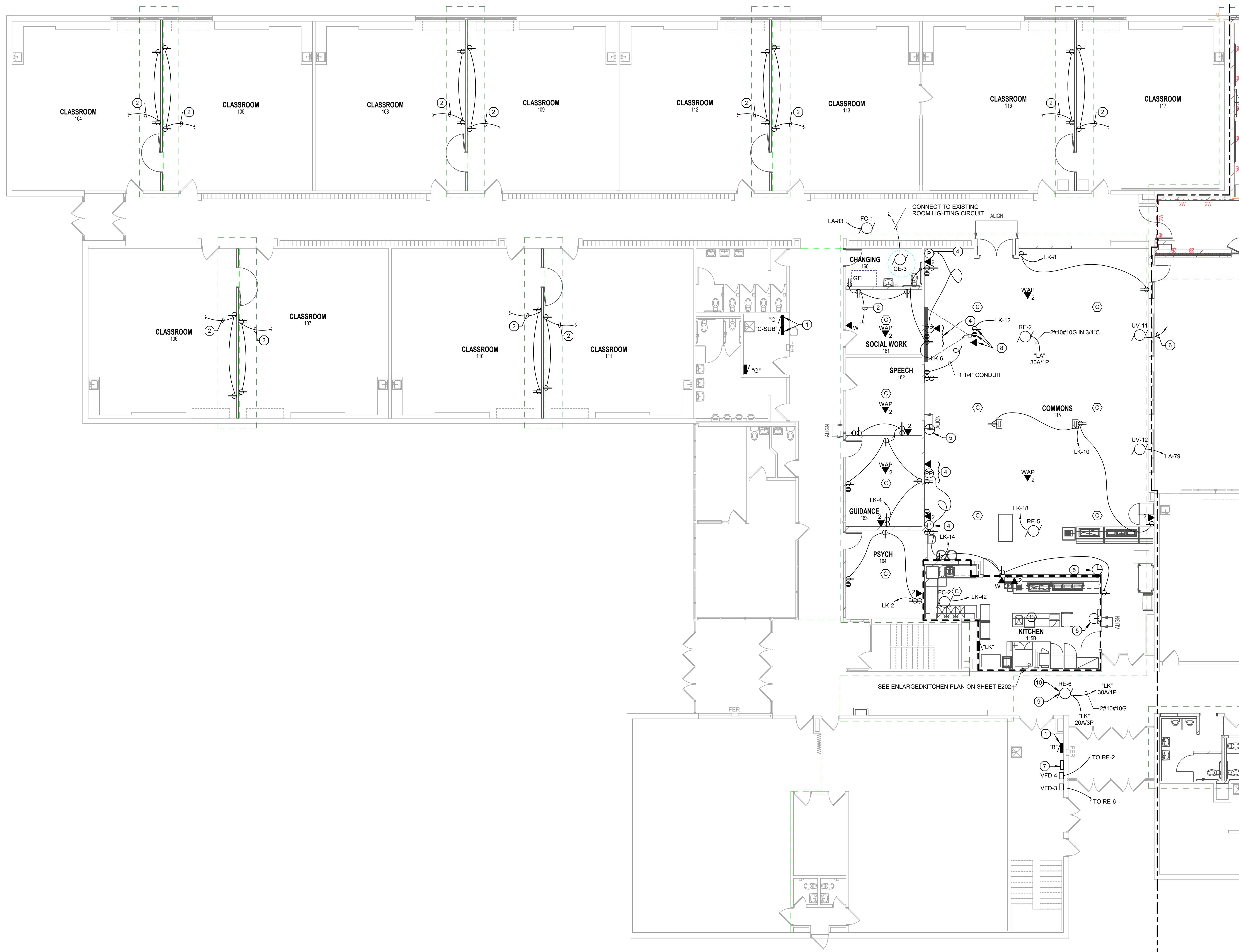
GENERAL NOTES:

- ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
- ALL EXIT LIGHTS THIS SHEET SHALL BE CIRCUITED TO LA-70.
- SHADED FIXTURE ( ) INDICATES FIXTURE CONNECTED TO EMERGENCY LIGHT CIRCUIT.
- IN ROOMS WITH OCCUPANCY SENSOR, GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. EMERGENCY LIGHTING SHALL NOT BE CONNECTED TO SENSOR. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL 2 E400.

PLAN NOTES:

- LIGHTING CONTROL THIS ROOM TO BE ONE ZONE.
- REINSTALL EXISTING EXIT LIGHT.
- REUSE EXISTING LIGHTING CIRCUIT IN ROOM.
- NO LIGHTING WORK REQUIRED.





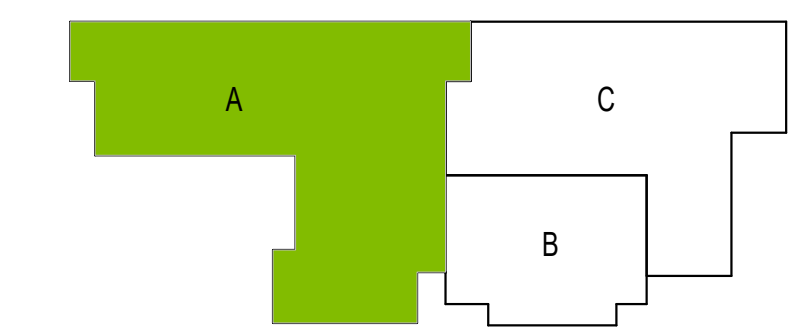
**GENERAL NOTES:**

1. PROVIDE EXTERIOR RECEPTACLES PER DETAIL (3) E400.
2. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL (1) E400.
3. CONFIRM EXACT LOCATION OF ALL OUTLETS IN OFFICES WITH OWNER PRIOR TO ROUGH-IN.
4. ALL RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) TO BE ROUGHED-IN BEHIND UNIT. CONFIRM EXACT LOCATION PRIOR TO ROUGH-IN. CONFIRM RECEPTACLE OR DIRECT CONNECTION.
5. ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
6. ALL ABOVE COUNTER RECEPTACLES SHALL BE MOUNTED HORIZONTALLY DIRECTLY ABOVE BACKSPASH.
7. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT.

**PLAN NOTES:**

1. NEW PANEL INSTALLED IN SAME LOCATION AS EXISTING. SEE ONE LINE DIAGRAM.
2. CIRCUIT TO EXISTING RECEPTACLE CIRCUIT IN ROOM.
3. NOT USED.
4. SEE DETAIL (5) E400 FOR RECEPTACLE, DATA, HDMI AND USB DEVICES.
5. REINSTALL EXISTING CLOCK.
6. REUSE EXISTING CIRCUIT FROM REMOVED UNIT VENT.
7. EXISTING KEYLESS ENTRY SYSTEM. EXTEND TO NEW DOORS.
8. MOUNT IN STRUCTURE FOR OWNER FURNISHED PROJECTOR.
9. VERIFY MOTOR VOLTAGE.
10. SEE FIRE SUPPRESSION DETAIL (3) E202.

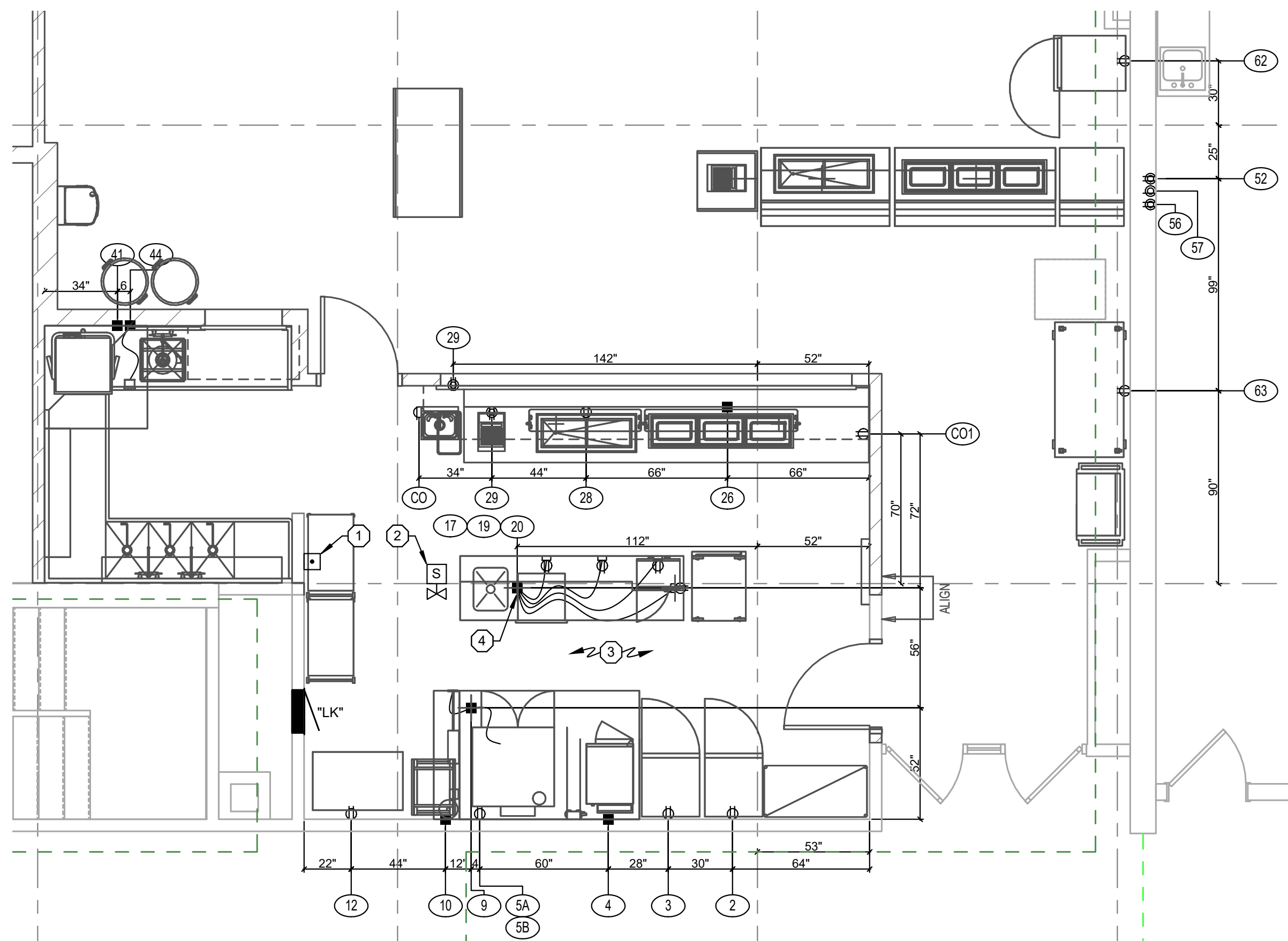
FIRST FLOOR PLAN - AREA A - POWER  
1/8" = 1'-0"



KEY PLAN



Item	Qty.	Connection(s)	CIRCUIT	NOTE:
2	1	115V/1 DGR. 18" AFF. FOR REACH-IN FREEZER. 1/2 HP. 3.7 AMPS. NEMA 5-15P. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.	LK-1	
3	1	115V/1 DGR. 18" AFF. FOR REACH-IN FREEZER. 1/2 HP. 3.7 AMPS. NEMA 5-15P.	LK-3	
4	1	120V/1 J-BOX 48" AFF. FOR CONVECTION STEAMER. 4.0 AMPS.	LK-5	PROVIDE LOCKOUT BREAKER, PROVIDE SHUNT TRIP BREAKER, SEE DETAIL. (3/E202)
5A	1	115V/1 DGR. 12" AFF. FOR CONVECTION OVEN. 1/2 HP. 6.0 AMPS.	LK-7	
5B	1	115V/1 DGR. 48" AFF. FOR CONVECTION OVEN. 1/2 HP. 6.0 AMPS.	LK-9	SHUNT TRIP BREAKER, SEE DETAIL. (3/E202)
9	1	120V/1 J-BOX FROM ABOVE FOR EXHAUST HOOD LIGHTS. 20.0 AMP CIRCUIT. EC. TO CONNECT HOOD MOUNTED SWITCHES) FOR EXHAUST HOOD LIGHTS AND FANS. FANS, DUCT WORK, INSULATION, ROOF CURBS AND ROOF PENETRATIONS BY OTHERS. EC. TO CONNECT TO FAN HEAT SENSOR AS REQUIRED BY CODE. HVAC DATA ON SEPARATE SHEET. *ALSO REFER TO EXHAUST HOOD SHOP DRAWINGS FOR ADDITIONAL INFORMATION AND WIRING DIAGRAMS.	LK-11	
10	1	120V/1 J-BOX FROM ABOVE FOR FIRE SUPPRESSION SYSTEM. 20.0 AMP CIRCUIT. EC. TO INTERCONNECT WITH MICRO SWITCH AT FIRE SUPPRESSION CABINET AND SHUNT TRIP BREAKERS FOR ALL EQUIPMENT UNDER EXHAUST HOOD. ALL SHUNT TRIP BREAKERS AND RELATED WIRING TO BE FURNISHED AND INSTALLED BY EC.	LK-13	SEE DETAIL. (3/E202)
12	1	120V/1 DGR. 18" AFF. FOR CHEST FREEZER. 4.0 AMPS. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.	LK-15	
17		J-BOX STUB-UP 6" AFF. EC. TO CONNECT TO (ITEM #17). (2) 120V/1 GFCI DGRS. FOR CONVENIENCE OUTLETS. 20.0 AMP CIRCUIT EACH (ITEM #19). 120V/1 DGR. FOR MICROWAVE OVEN. 12.0 AMPS. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.	LK-17, 19	
19	1	120V/1 DGR. FOR HEATED HOLDING CABINET. 2.0 KW. 16.7 AMPS. NEMA 5-20P. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS	"LK" 30A/1P	#10
20	1	EC. TO FURNISH AND INSTALL ALL OUTLETS AS REQUIRED FOR CONNECTIONS TO EQUIPMENT. EC. SHALL PROVIDE ALL INTERWIRING & FINAL CONNECTIONS.	"LK" 30A/2P	#10
26	1	208V/1 J-BOX 18" AFF. FOR DROP-IN HOT WELLS. 16.0 AMPS. EC. TO FURNISH AND INSTALL DISCONNECT PER LOCAL CODE(S).	"LK" 60A/3P	PROVIDE WP STAINLESS STEEL DISCONNECT
28	1	115V/1 DGR. 18" AFF. FOR DROP-IN COLD PAN. 1/8 HP. 2.0 AMPS. NEMA 5-15P.	LK-25	
29	2	120V/1 DGR. 18" AFF. FOR POS SYSTEM. 12.0 AMPS. NEMA 5-15P. PROVIDE BOX FOR POS AND DATA LINES. BY OTHERS - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS	LK-27	
41	1	208V/3 J-BOX 18" AFF. FOR DISH MACHINE W/ BOOSTER HEATER. 2.0 HP. 48.0 AMPS. 60.0 AMP CIRCUIT. EC. TO FURNISH AND INSTALL DISCONNECT PER LOCAL CODE REQUIREMENTS. EC. TO INTERWIRE FROM VENT FAN CONTROL CONNECTION AND DISH MACHINE TO EXHAUST FAN ON HOOD. FANS, DUCTWORK, ETC. PROVIDED BY OTHERS - EC. TO VERIFY EXACT REQUIREMENTS.	"LK" 60A/3P 3#6 #10G IN 1" C	
44	1	208V/3 J-BOX 18" AFF. FOR DISPOSER. 2.0 HP. 6.6 AMPS. EC. TO FURNISH AND INSTALL DISCONNECT PER LOCAL CODE(S). EC. TO CONNECT DISPOSER, SOLENOID VALVE AND SWITCH.	"LK" 20A/3P	
52	1	120V/1 DGR. FLUSH DUPLEX FOR POS SYSTEM. 12.0 AMPS. NEMA 5-15P. PROVIDE BOX FOR POS AND DATA LINES. BY OTHERS - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.	LK-29	
56	1	120V/1 DGR. WALL OUTLET FOR COLD FOOD COUNTER. 1/8 HP. 2.0 AMPS. NEMA 5-15P.	LK-31	
57	1	208V/1 SGR. WALL OUTLET FOR HOT FOOD COUNTER. 16.0 AMPS.	"LK" 20A/2P	
62	1	120V/1 DGR. 18" AFF. FOR HEATED HOLDING CABINET. 1.92 KW. 16.0 AMPS. NEMA 5-20P.	LK-33	
63	1	120V/1 DGR. 18" AFF. FOR MILK COOLER. 4.0 AMPS. NEMA 5-15P. EXISTING - EC. TO VERIFY ROUGH-IN LOCATION AND REQUIREMENTS.	LK-35	
CO	1	120V/1 GFCI DGR. 18" AFF. FOR CONVENIENCE OUTLET. 20.0 AMP CIRCUIT EACH.	LK-23	
CO1	1	120V/1 GFCI DGR. 48" AFF. FOR CONVENIENCE OUTLET. 20.0 AMP CIRCUIT EACH.	LK-21	



ENLARGED KITCHEN PLAN  
1/4" = 1'-0"

**ELECTRICAL NOTES:**

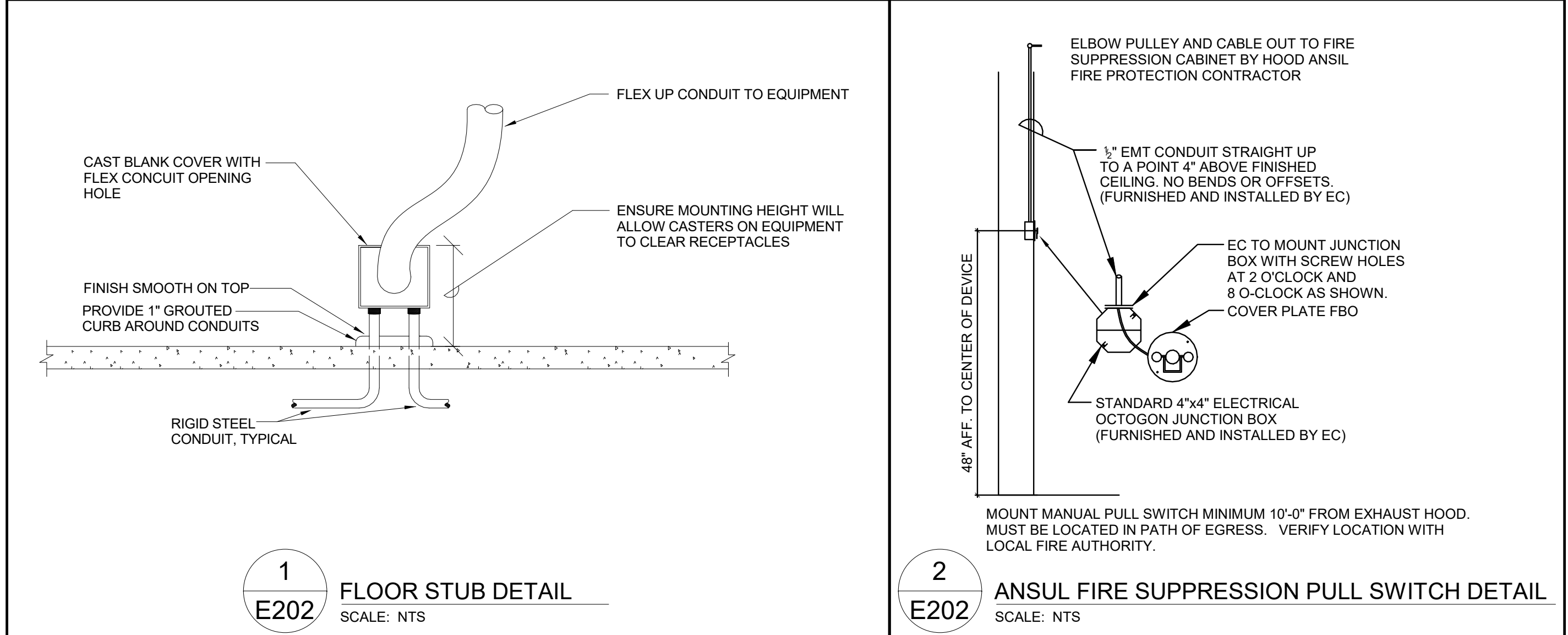
EC. TO COMPLY WITH ALL LOCAL AND STATE ELECTRICAL CODES.  
EC. TO READ AND REVIEW 11400 SPECIFICATIONS.

**ELECTRICAL CONTRACTORS NOTES**

- E1 THIS PLAN SHOWS ONLY THE REQUIREMENTS FOR FOOD SERVICE EQUIP. MOUNT TO BE FURNISHED BY THE FOODSERVICE EQUIPMENT CONTRACTOR FOR ALL OTHER REQUIREMENTS. REFER TO ARCHITECT'S PLANS, CONSULTANT, OR OWNER.
- E2 ELECTRICAL CONTRACTOR IS TO VERIFY ALL REQUIREMENTS FOR EXISTING EQUIPMENT TO BE REUSED OR ITEMS LABELED "BY OTHERS".
- E3 THE FOODSERVICE CONTRACTOR WILL NOT BE RESPONSIBLE FOR FURNISHING ELECTRICAL APPLIANCES SUCH AS ARE ON DISCONNECT SWITCHES, SAFETY CUTOFFS, CONTROL PANELS, FUSE BOXES, FITTINGS AND INTERWIRING REQUIRED BY FOODSERVICE EQUIPMENT CONTRACTOR UNLESS SPECIFIED IN FOODSERVICE EQUIPMENT CONTRACT.
- E4 UNLESS OTHERWISE SPECIFIED, THE ELECTRICAL IS TO FURNISH ALL 208VOLT CIRCUITS, PLUGS AND RECEPTACLES WHERE NECESSARY. EC. TO FURNISH ALL LIGHT BULBS REQUIRED FOR EXHAUST HOODS AND/OR WALK-IN COOLERS AND FREEZERS UNLESS OTHERWISE SPECIFIED.
- E5 ELECTRICAL CONTRACTOR IS TO SUPPLY AND INSTALL ALL CONDUIT, WIRING, BOXES, SWITCHES, FACEPLATES, BRACKETS, ETC. TO COMPLETE INSTALLATION. ELECTRICAL CONTRACTOR SHALL ALSO MAKE ALL FINAL CONNECTIONS TO FOODSERVICE EQUIPMENT INCLUDING ALL INTERWIRING REQUIRED FOR WALK-IN COOLERS AND FREEZERS AND THEIR COMPRESSORS, BLOWERS, FANS, TRIMERS, HEATERS AND LIGHTING.
- E6 ELECTRICIAN IS TO DO ALL INTERWIRING FOR EXHAUST HOOD LIGHTING, BLOWERS, DAMPERS, AND FIRE SUPPRESSION SYSTEM, INCLUDING THE SUPPLY AND INSTALLATION OF A SHUNT TRIP BREAKER FOR EQUIPMENT AND FAN INTERLOCK MECHANISM.
- E7 ALL ELECTRICAL WORK PERFORMED IS TO BE DONE IN ACCORDANCE WITH ALL STATE AND LOCAL CODES.
- E8 ALL ELECTRICAL CONDUIT IS TO BE RUN WITHIN WALL SURFACES AND BOXES AND RECEPTACLES ARE TO BE INSET FLUSH WITH WALL SURFACE. SURFACE MOUNTED ELECTRICAL WORK IS NOT TO BE USED UNLESS OTHERWISE SPECIFIED ON FOODSERVICE EQUIPMENT ROUGH-IN PLAN.
- E9 EQUIPMENT MANUFACTURERS SPECIFICATION SHEETS FOR EACH PIECE OF EQUIPMENT TO BE SUPPLIED BY FOODSERVICE EQUIPMENT CONTRACTOR WILL BE MADE AVAILABLE TO EACH CONTRACTOR UPON REQUEST.
- E10 DIMENSIONS ON THIS PLAN ARE GIVEN TO THE CENTERLINES OF THE ROUGHINES.
- E11 ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL DISCONNECT SWITCHES AS REQUIRED BY LOCAL CODE.
- E12 ELECTRICAL CONTRACTOR TO SEAL INSIDE OF CONDUIT W/ SILICONE OR EXPANDED FOM WHERE CONDUIT PENETRATES WALK-IN COOLER/FREEZER WALLS. TYPICAL.

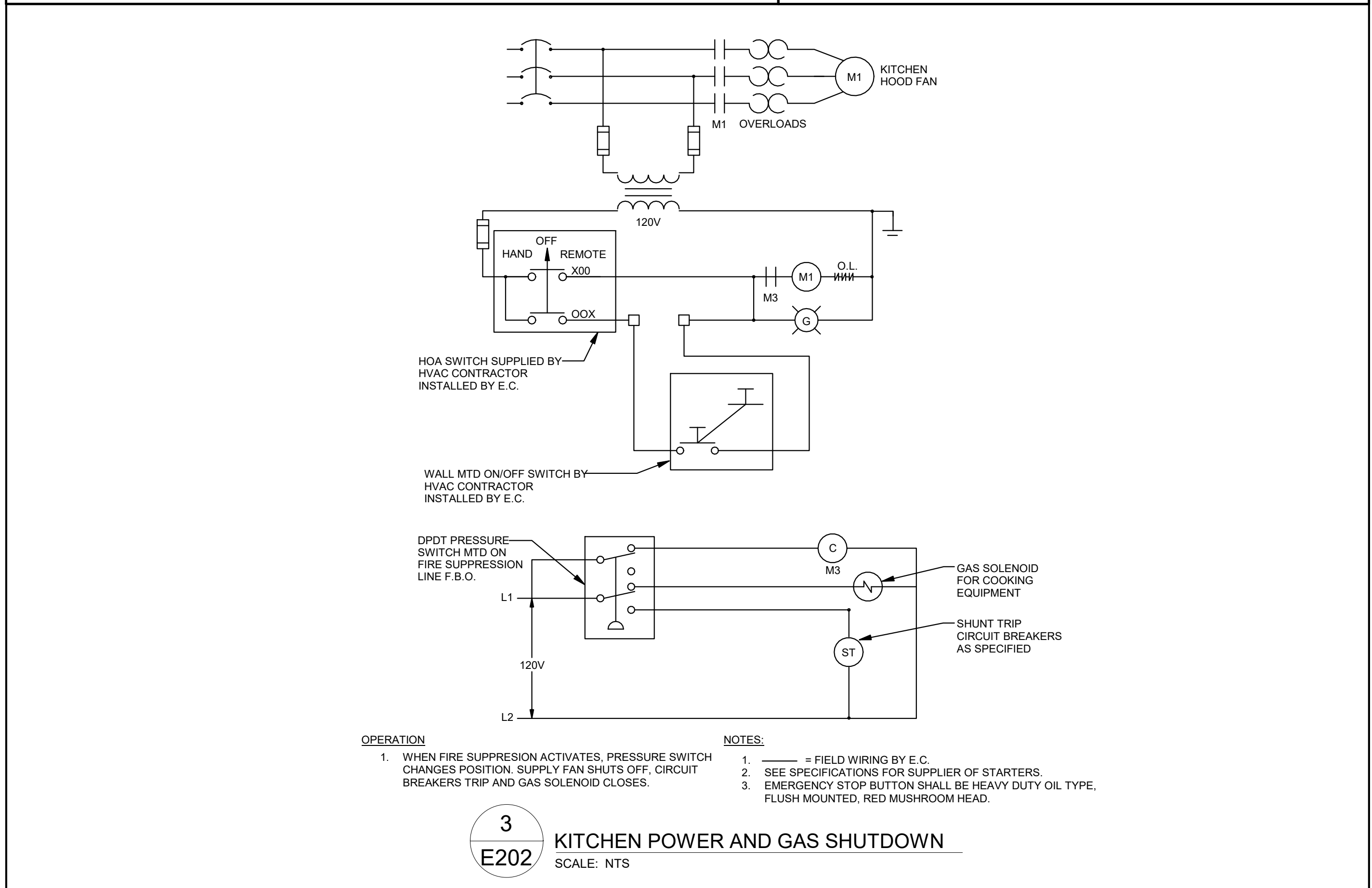
**ELECTRICAL SYMBOLS**

	SGR	SINGLE GROUNDED RECEPTACLE
	DGR	DUPLEX GROUNDED RECEPTACLE
	DGDR	DEDICATED DUPLEX GROUNDED RECEPTACLE
	CO	CONVENIENCE OUTLET
	SPO	SPECIAL PURPOSE OUTLET
	DR	DIRECT WIRED CONNECTION
	ECS	ELECTRICAL CONDUIT STUB UP
	JB	JUNCTION BOX
	SW	SWITCH
	TEL	TELEPHONE
	GFCI	GROUND FAULT CIRCUIT INTERRUPT
	KW	KILOWATTS
	V	VOLT
	HP	HORSEPOWER
	AFF.	ABOVE FINISHED FLOOR
	WFA	WIRED FROM ABOVE



1 E202 FLOOR STUB DETAIL  
SCALE: NTS

2 E202 ANSUL FIRE SUPPRESSION PULL SWITCH DETAIL  
SCALE: NTS



3 E202 KITCHEN POWER AND GAS SHUTDOWN  
SCALE: NTS



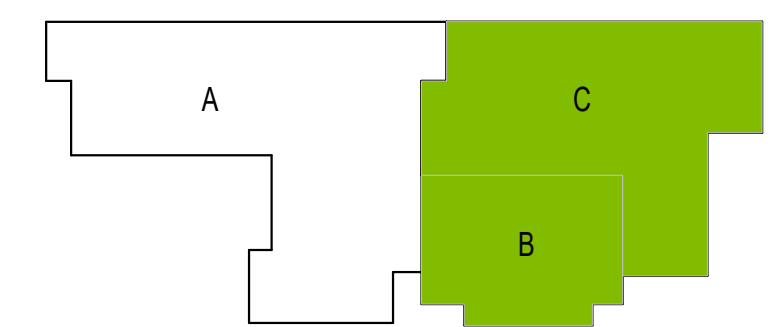
FIRST FLOOR PLAN - AREA B & C - LIGHTING  
1/8" = 1'-0"

**GENERAL NOTES:**

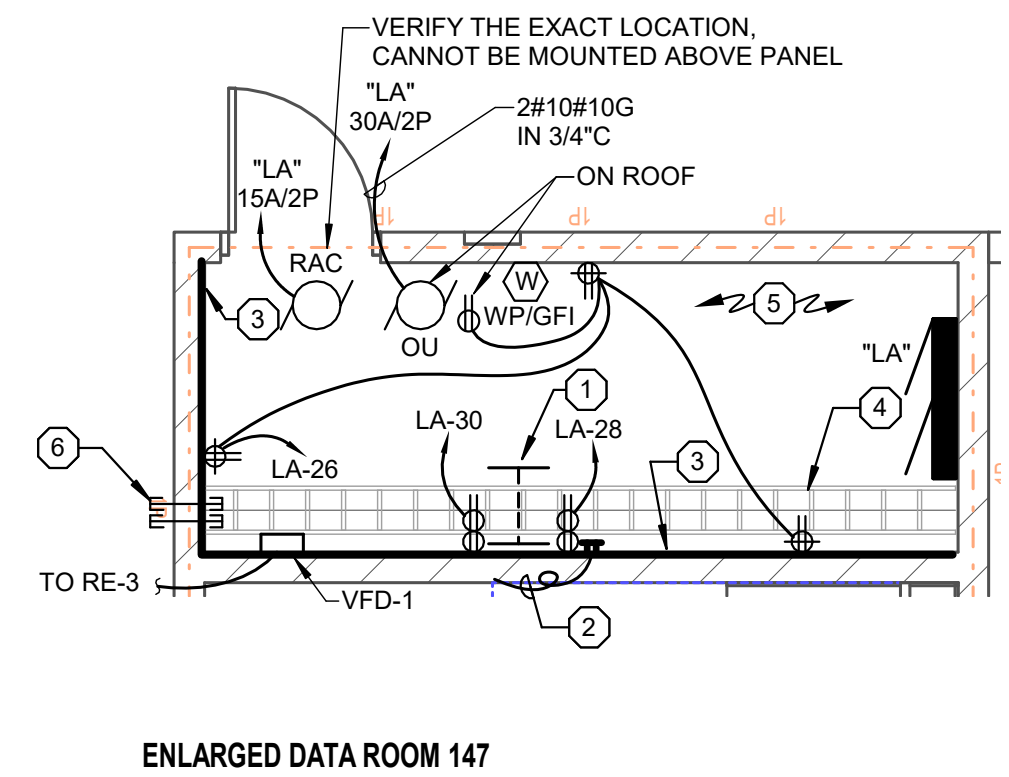
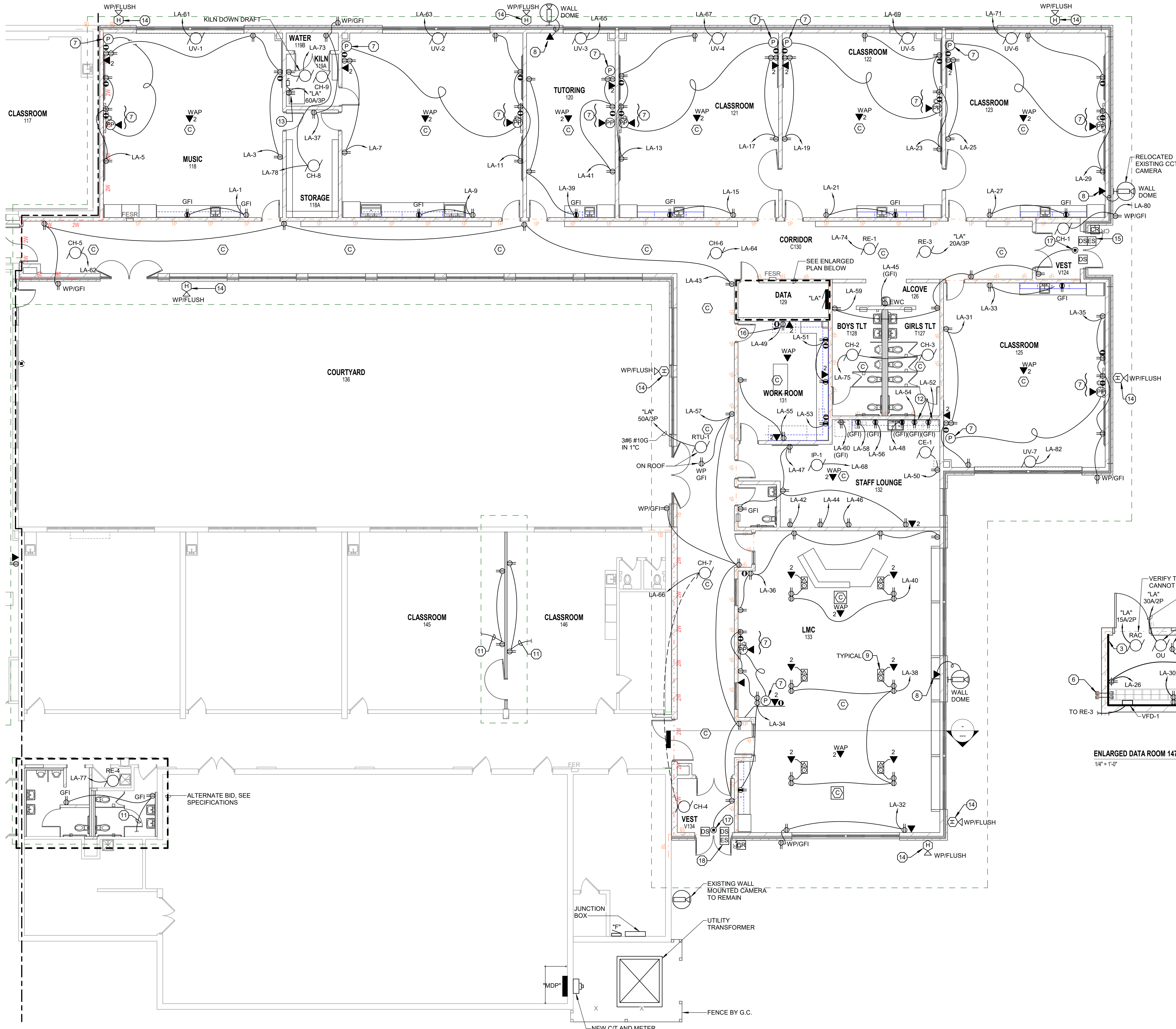
1. ALL LIGHTING FIXTURES IN MECHANICAL ROOMS SHALL BE LAID OUT ON SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN ROOM.
2. ALL EXIT LIGHTS THIS SHEET SHALL BE CIRCUITED TO LA-70.
3. SHADED FIXTURE ( ) INDICATES FIXTURE CONNECTED TO EMERGENCY LIGHT CIRCUIT.
4. IN ROOMS WITH OCCUPANCY SENSOR, GENERAL ILLUMINATION IN ROOM SHALL BE CONTROLLED BY SENSOR. EMERGENCY LIGHTING SHALL NOT BE CONNECTED TO SENSOR. CONTRACTOR TO DETERMINE BEST LOCATION FOR SENSOR IN FIELD WITH MANUFACTURER. SEE DETAIL.

**PLAN NOTES:**

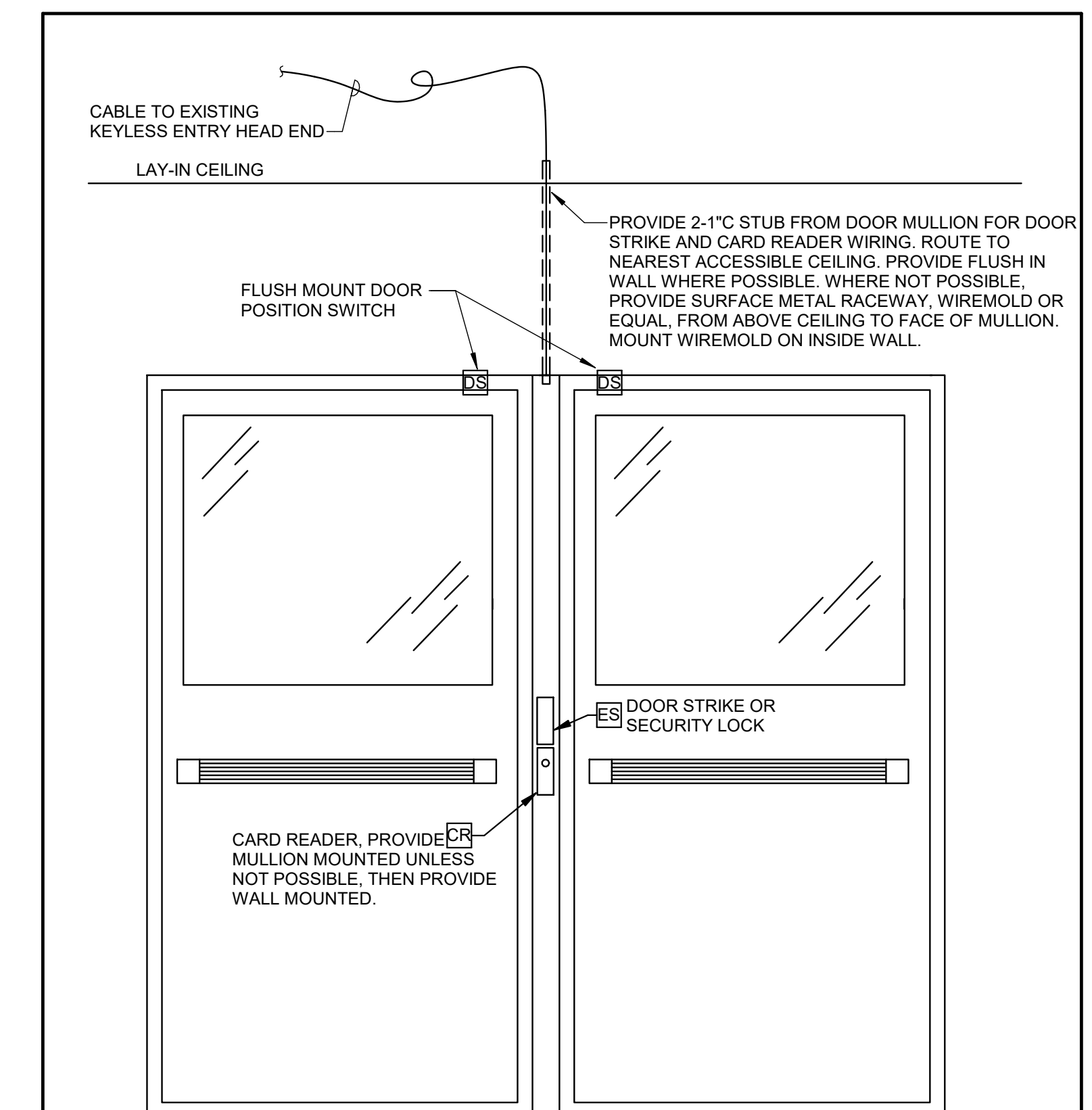
1. LIGHTING CONTROL THIS ROOM TO BE ONE ZONE.
2. REINSTALL EXISTING EXIT LIGHT.
3. REUSE EXISTING LIGHTING CIRCUIT IN ROOM.
4. NO LIGHTING WORK REQUIRED.



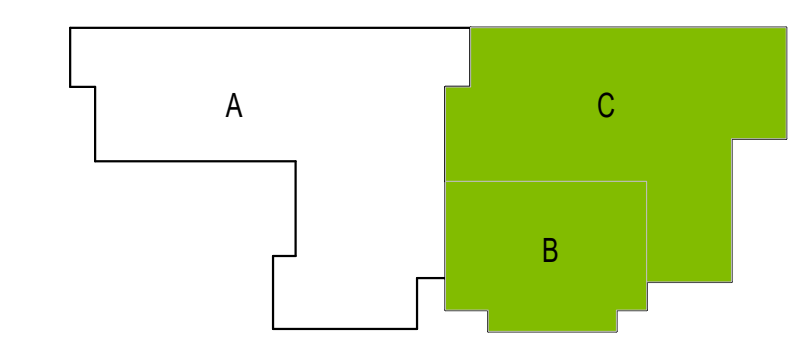
KEY PLAN



- GENERAL NOTES:**
1. PROVIDE EXTERIOR RECEPTACLES PER DETAIL (E400).
  2. ALL CONDUITS STUBBED OUT OF BUILDING SHALL BE DONE PER DETAIL (E400).
  3. CONFIRM EXACT LOCATION OF ALL OUTLETS IN OFFICES WITH OWNER PRIOR TO ROUGH-IN.
  4. ALL RECEPTACLES FOR ELECTRIC WATER COOLERS (EWC) TO BE ROUGHED-IN BEHIND UNIT. CONFIRM EXACT LOCATION PRIOR TO ROUGH-IN. CONFIRM RECEPTACLE OR DIRECT CONNECTION.
  5. ALL RECEPTACLES MOUNTED WITHIN 6 FEET OF SINKS SHALL BE GFI TYPE.
  6. ALL ABOVE COUNTER RECEPTACLES SHALL BE MOUNTED 2" DIRECTLY ABOVE BACKSPASH TO BOTTOM OF PLATE.
  7. ALL LOW VOLTAGE CABLING IN AREAS WITH EXPOSED STRUCTURE SHALL BE IN CONDUIT.
- PLAN NOTES:**
1. NEW 2 POST OPEN TYPE DATA RACK IDF#1.
  2. PROVIDE #10 GROUND FROM PANEL "LA" GROUND BAR.
  3. PROVIDE 4X8 SHEETS PAINTED PLYWOOD WALLS SHOWN THIS ROOM FOR EQUIPMENT MOUNTING. PLYWOOD TO BE FIRE RESISTANT.
  4. PROVIDE CABLE TRAY ABOVE RACKS. PROVIDE WATERFALL TRAY INTO TOP OF RACK. SEE DETAIL (E400).
  5. MOUNT ALL RECEPTACLES UP 48" AFF THIS ROOM.
  6. PROVIDE 3" RSC STUBS AS REQUIRED FOR LOW VOLTAGE CABLING PLUS 50% FOR FUTURE CAPACITY THROUGH WALL.
  7. SEE DETAIL (E400) FOR RECEPTACLE, DATA, HDMI AND USB DEVICES.
  8. PROVIDE NEW CAT6 DATA DROP ABOVE CEILING FOR EXTERIOR CCTV CAMERA. VERIFY EXACT MOUNTING HEIGHT WITH VENDOR PRIOR TO ROUGH-IN THRU WALL. SEE DETAIL (E400).
  9. NOT USED.
  10. PROVIDE RFB FLOOR BOX. SEE SPECIFICATION. VERIFY EXACT LOCATION PRIOR TO INSTALLATION OF ALL FLOOR BOXES IN IMC. VERIFY FINISHED AND ANY FLANGE, ETC. WITH ARCHITECTS FINAL FLOOR FINISH.
  11. CONNECT TO NEAREST RECEPTACLE CIRCUIT IN AREA.
  12. MICROWAVE. VERIFY EXACT LOCATION AND HEIGHT WITH EQUIPMENT PRIOR TO ROUGH-IN.
  13. KILN OUTLET. PROVIDE RECEPTACLE TO MATCH OWNERS EQUIPMENT FED OFF DISCONNECT. PROVIDE 80A/3P DISCONNECT SWITCH WITH FUSES FOR KILN TO MATCH AMPACITY OF OWNERS EQUIPMENT. PROVIDE (3) #6, #10G IN 1" C FOR KILN.
  14. MOUNT EXTERIOR FLUSH HORN SPEAKERS AT 7'-0" AFF TO CENTER OF SPEAKER.
  15. NEW STRIKE BY G.C. REINSTALL REMOVED CARD READER. INSTALL IN NEW MULLION AND EXTEND WIRING FROM REMOVED DOOR TO THIS LOCATION. PROVIDE NEW DOOR SWITCH AND NEW WIRING. FOR ROUGH-IN INFORMATION, SEE SPECIFICATIONS AND DETAIL (E203P). COORDINATE DISCONNECT OF WIRING WITH DOOR EQUIPMENT OF MULLION IS REMOVABLE.
  16. COPIER OUTLET. E.C. TO VERIFY EXACT PLUG CONFIGURATION REQUIRED WITH OWNER PRIOR TO ROUGH-IN. PROVIDE CIRCUIT BREAKER AS REQUIRED.
  17. POWER ABOVE DOOR FOR KEYLESS ENTRY SYSTEM.
  18. COORDINATE DISCONNECT OF WIRING WITH DOOR EQUIPMENT IF MULLION IS REMOVABLE.

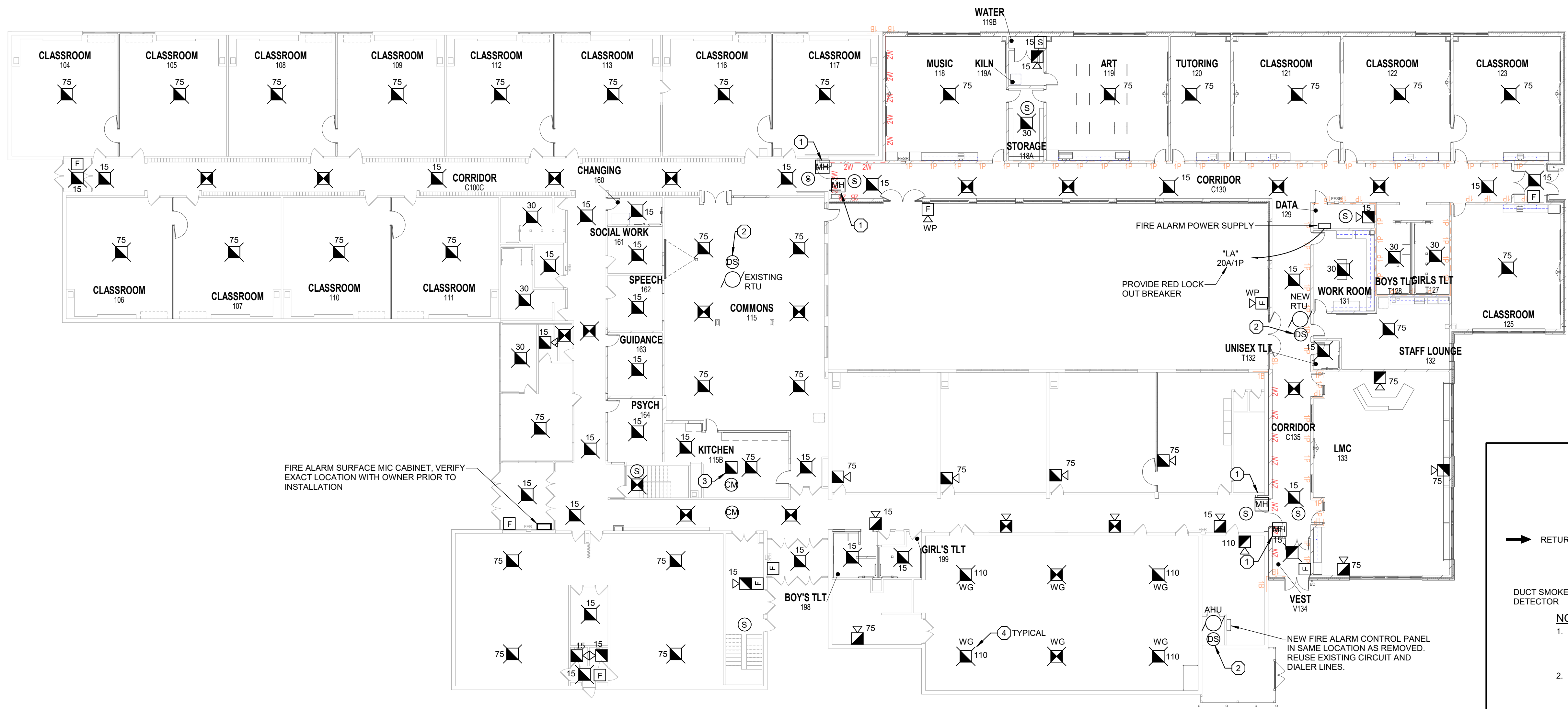


- GENERAL NOTES:**
1. ALL WIRING MUST BE CONCEALED.
  2. PROVIDE DISCONNECT FOR LOW VOLTAGE CABLING IN MULLION IF MULLION IS REMOVABLE.
- 3**  
**E203P** DOOR STRIKE AND KEYLESS ENTRY ROUGH-IN  
SCALE: NTS



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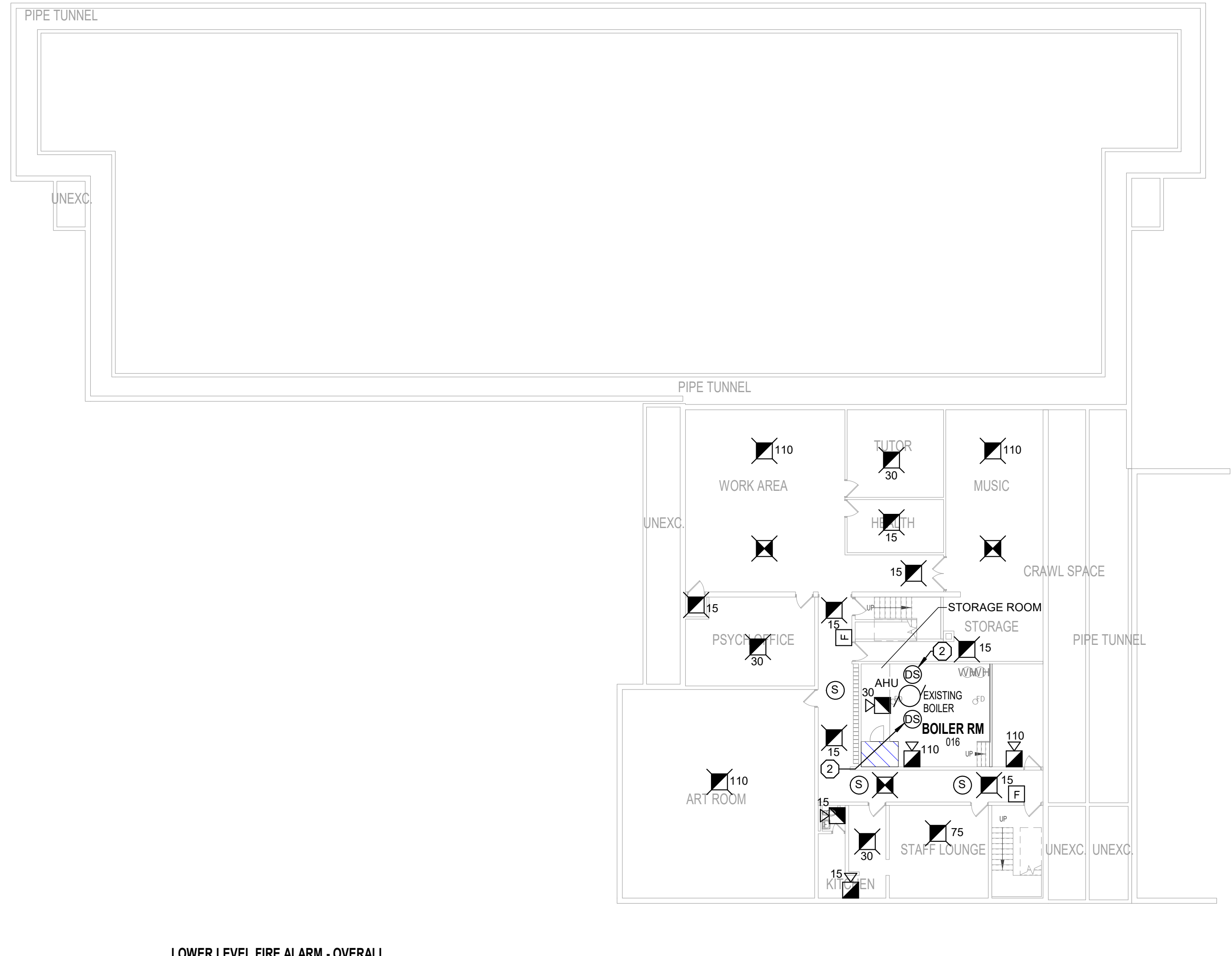
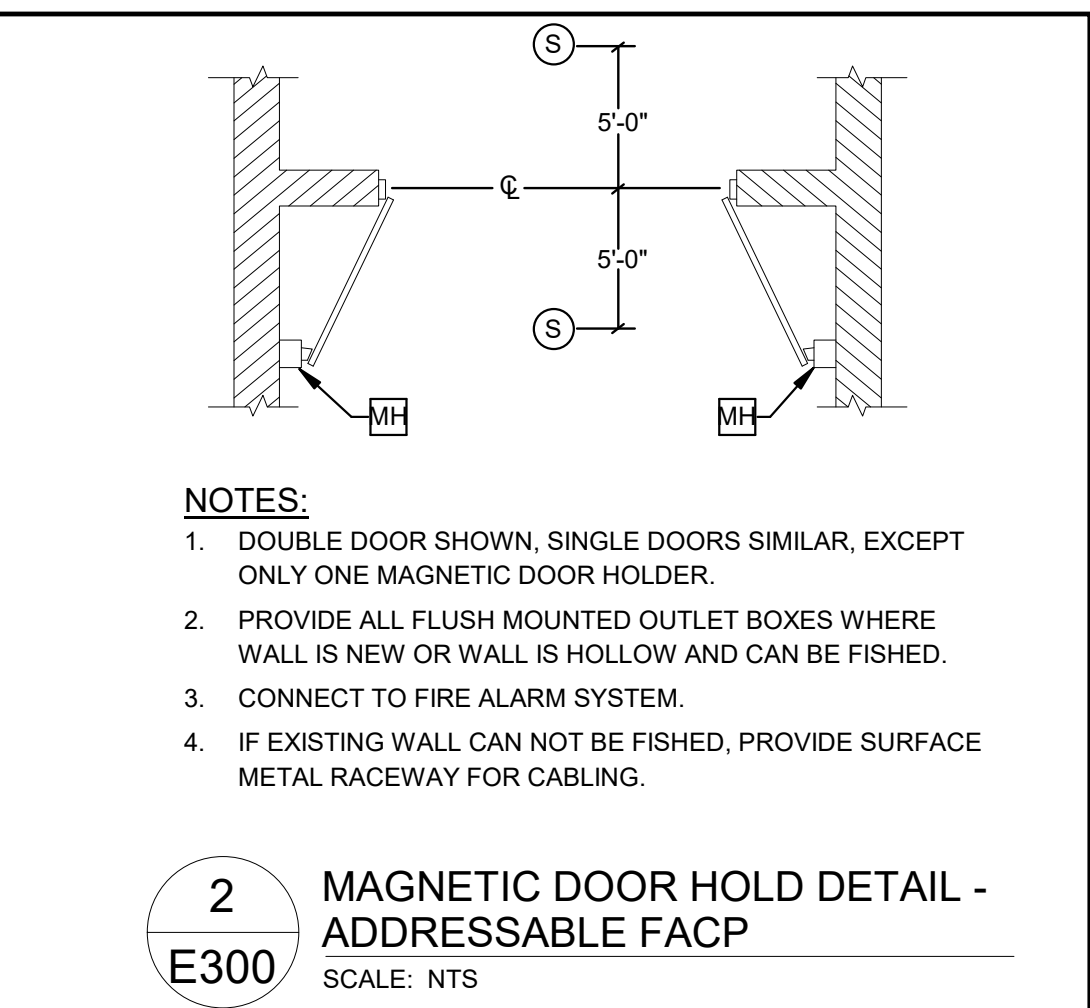
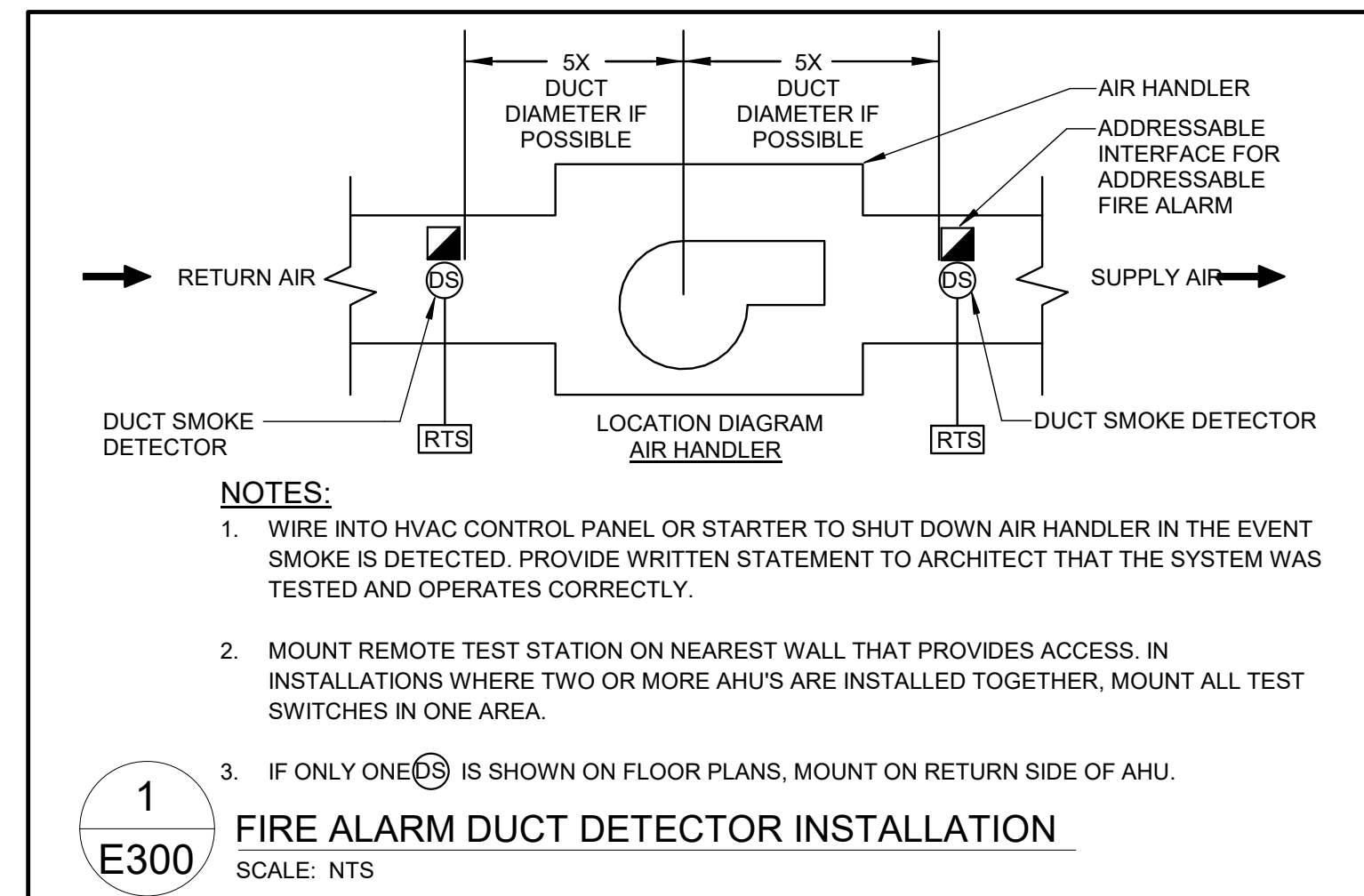
FIRST FLOOR PLAN - AREA B - POWER  
1/8" = 1'-0"



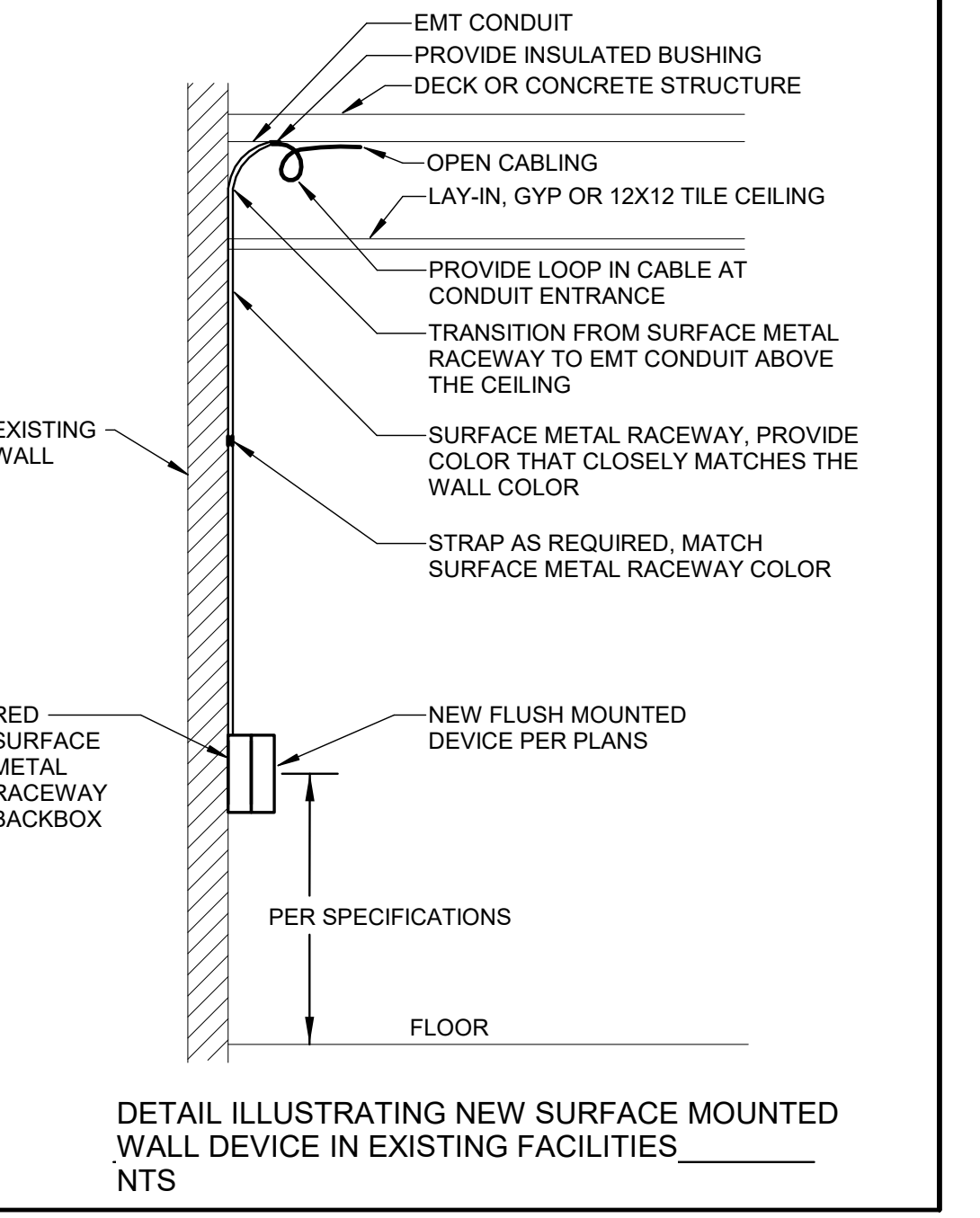
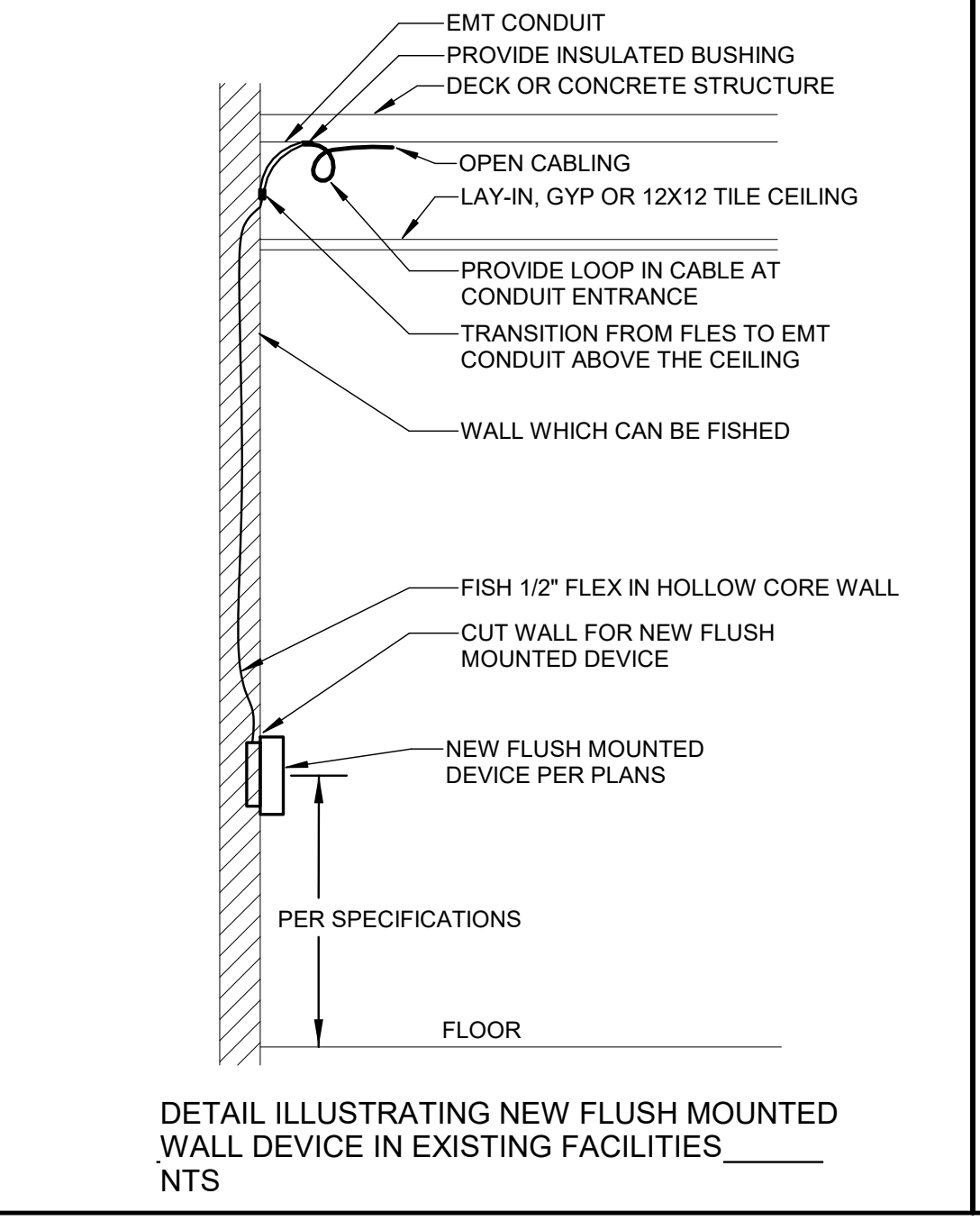
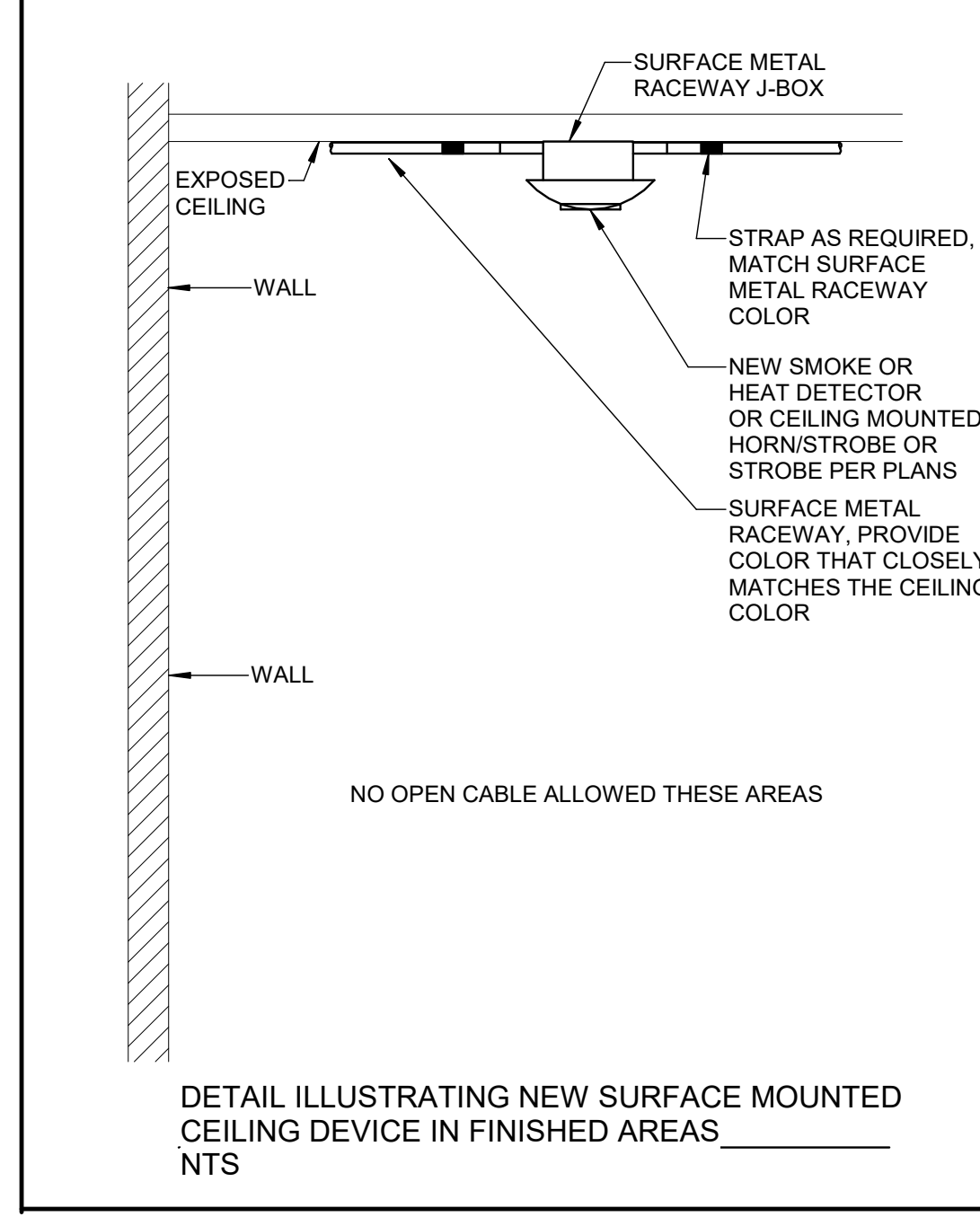
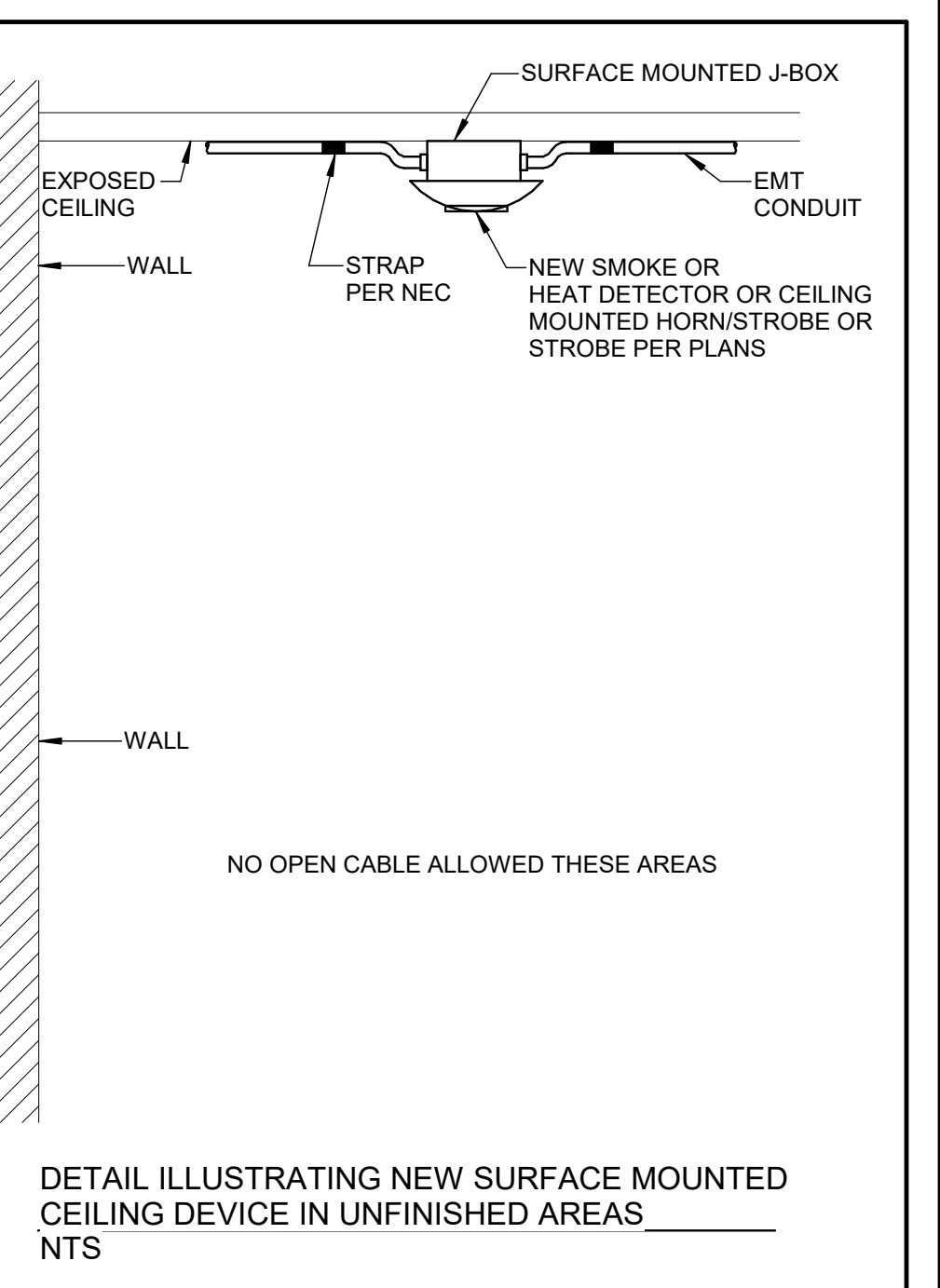
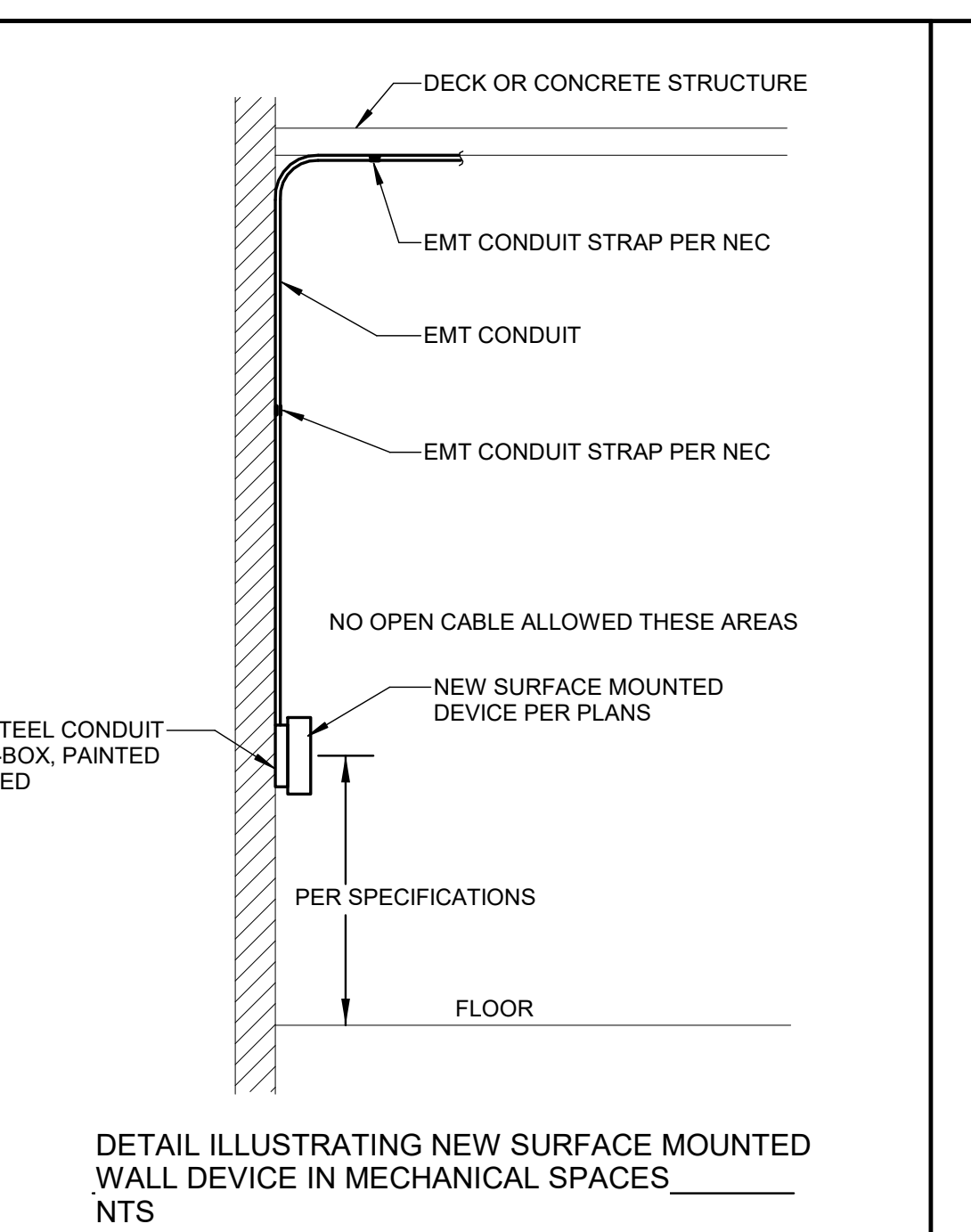
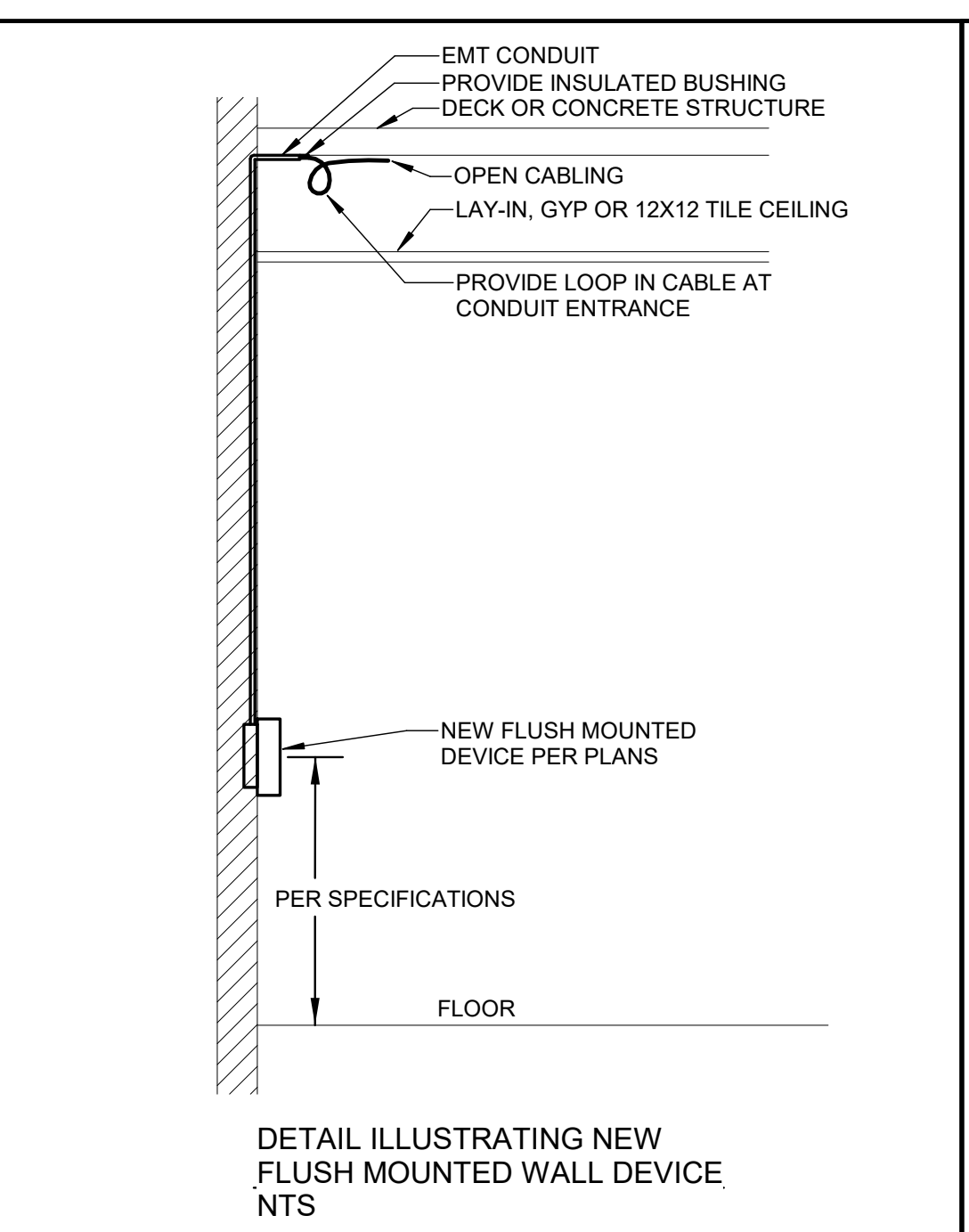
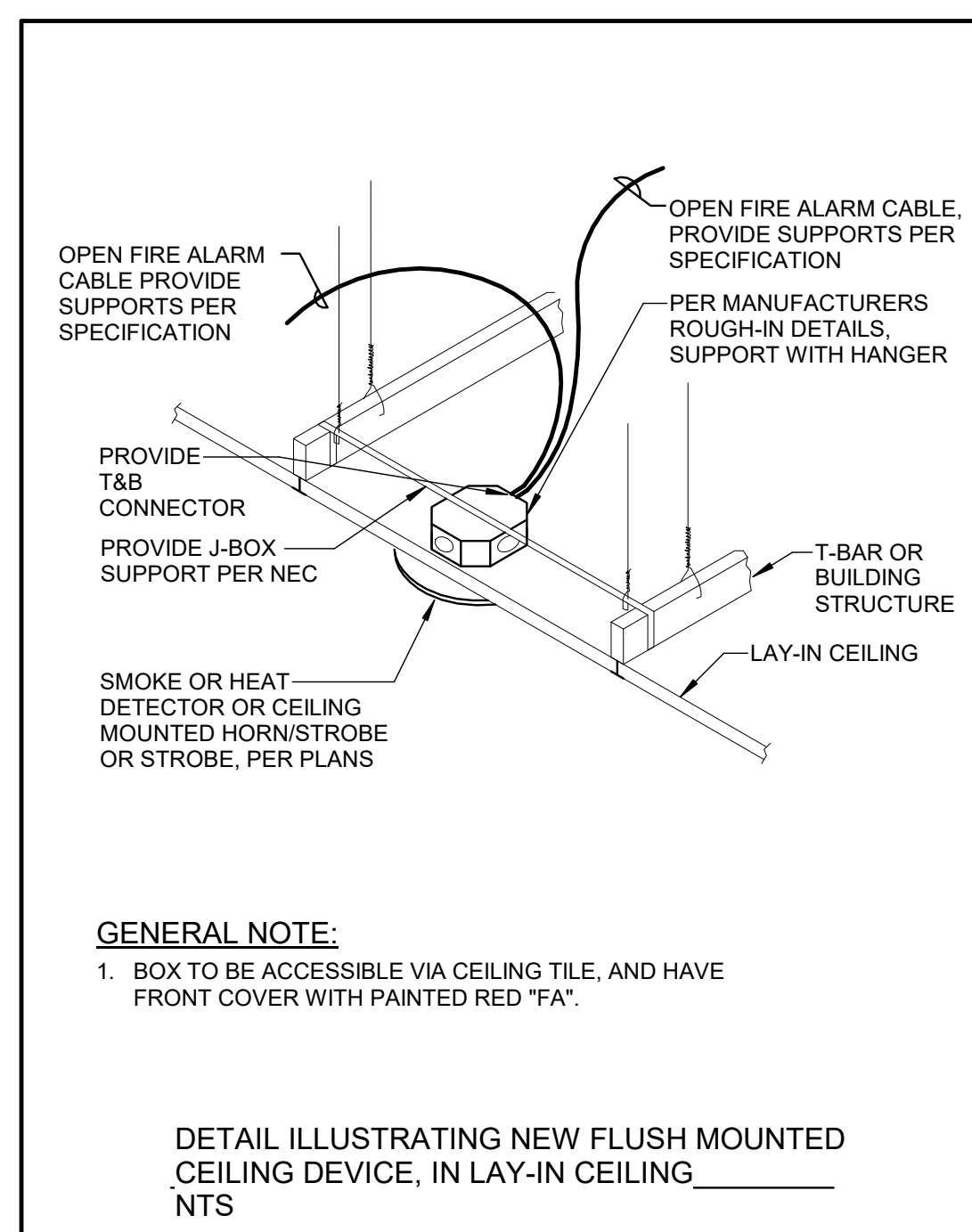
FIRST FLOOR PLAN - AREA B - FIRE ALARM  
1/16" = 1'-0"

- GENERAL NOTES:**
- ALL DEVICES SHOWN THIS SHEET ARE APPROXIMATE LOCATIONS. VERIFY EXACT LOCATIONS ON SITE TO ACCOMMODATE FURNITURE, LIGHT FIXTURES, ETC. ENSURE STROBE COVERAGE REQUIRED BY NFPA 72 IS MAINTAINED IF STROBES ARE RELOCATED FOR COORDINATION.
  - ALL FIRE ALARM CABLING SHALL BE SUPPORTED SEPARATELY FROM OTHER LOW VOLTAGE CABLING ABOVE LAY-IN CEILINGS. FIRE ALARM WIRING IN AREAS WHERE THERE IS NO LAY-IN CEILINGS SHALL BE IN CONDUIT.
  - SEE DETAIL (E300) FOR INSTALLATION DETAILS.
  - LOCATE SMOKE DETECTOR MINIMUM 3'-0" FROM HVAC DIFFUSERS. ENSURE COVERAGE IS MAINTAINED IF SMOKES ARE RELOCATED FOR COORDINATION.
  - SEE ARCHITECTURAL EXTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF EXTERIOR FIRE ALARM HORN AND STROBE DEVICES.
  - ALL DEVICES IN MECHANICAL ROOMS SHALL BE LAID OUT ON-SITE AND DETERMINED BY THE MECHANICAL EQUIPMENT IN THE ROOM.
  - REMOVE ALL EXISTING FIRE ALARM EQUIPMENT TO INCLUDE DEVICES, HEAD END, CABLING, CONDUIT AND BOXES. MOUNT ALL NEW DEVICES WHERE SHOWN ON FIRE ALARM PLANS. PROVIDE BLANK PLATE FOR SINGLE GANG BOXES, PATCH WALL TO MATCH EXISTING SURFACES OVER BOXES 2-GANG OR LARGER. SYSTEM DEMO MUST BE PHASED TO ACCOMMODATE G.C. SCHEDULE.

- PLAN NOTES:**
- PROVIDE MAGNETIC DOOR HOLDS PER DETAIL (E300)
  - PROVIDE DUCT SMOKE DETECTOR PER DETAIL (E300)
  - PROVIDE MONITOR MODULE AND PULL STATION ROUGH-IN FOR KITCHEN HOOD FIRE SUPPRESSION SYSTEM. SEE DETAILS (E202) FOR ADDITIONAL INFORMATION. VERIFY EXACT REQUIREMENTS WITH KITCHEN FIRE SUPPRESSION SHOP DRAWINGS AFTER BID PRIOR TO ROUGH-IN.
  - MOUNT FIRE ALARM DEVICES TO BOTTOM OF JOISTS FACING THE FLOOR. ALL WIRING TO BE IN CONDUIT. PROVIDE WIREGUARDS ON UNITS IN GYM. COORDINATE EXACT LOCATION WITH OTHER EQUIPMENT ON SITE.



LOWER LEVEL FIRE ALARM - OVERALL  
1/16" = 1'-0"



3  
E300  
FIRE ALARM DEVICE INSTALLATION DETAILS (NEW AND EXISTING)  
SCALE: NTS

# ELECTRICAL SYMBOLS AND ABBREVIATIONS

THIS IS A COMPREHENSIVE SYMBOL AND ABBREVIATION LIST. NOT ALL SYMBOLS ARE APPLICABLE TO THESE DRAWINGS.

**WIRING DEVICES**

	S	SINGLE POLE SWITCH, 3-3 WAY, 4-4 WAY, P=PILOT R=RELAY, K=KEYED, I=ILLUMINATED, D=DIMMER M=MOTION SENSOR SWITCH, L=DLM
	C	DUPLEX RECEPTACLE C=CEILING MOUNTED
	C	DUPLEX RECEPTACLE MOUNTED AT 42" TO CENTER
		POWER RECEPTACLE 240V 30=30AMP 60=60AMP R = 50A RANGE OUTLET D = 30A DRYER OUTLET
		DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER
		DOUBLE DUPLEX RECEPTACLE (RECEPTABLES MOUNTED SIDE BY SIDE)
		BLANK OUTLET FOR FUTURE DEVICES 4" BOX, SINGLE GANG
		EQUIPMENT CONNECTION
		2 GANG FLUSH FLOOR BOX DOUBLE OUTLET, POWER AND LOW TENSION, SEE SPECIFICATIONS.

**LIGHTING**

		LIGHT FIXTURE
		EXIT LIGHT - ONE FACE
		DUAL TECHNOLOGY OCCUPANCY SENSOR LIGHTING
		PHOTOCELL

**FIRE ALARM**

	X	WALL MOUNTED VOICE/VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
		WALL MOUNTED VOICE FIRE ALARM SPEAKER
	X	WALL MOUNTED VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
		MANUAL PULL STATION
		CEILING MOUNTED VOICE FIRE ALARM SPEAKER
	X	CEILING MOUNTED VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
	X	CEILING MOUNTED VOICE/VISUAL NOTIFICATION APPLIANCE, X = CD LEVEL
		ADDRESSABLE MONITOR MODULE

**SECURITY**

		DOOR SWITCH, SEE DETAIL.
		DOOR CONTROL
		CARD READER
		ELECTRIC STRIKE

**EQUIPMENT**

		NEW FLUSH MOUNTED PANEL, SEE PLANS.
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**MISCELLANEOUS**

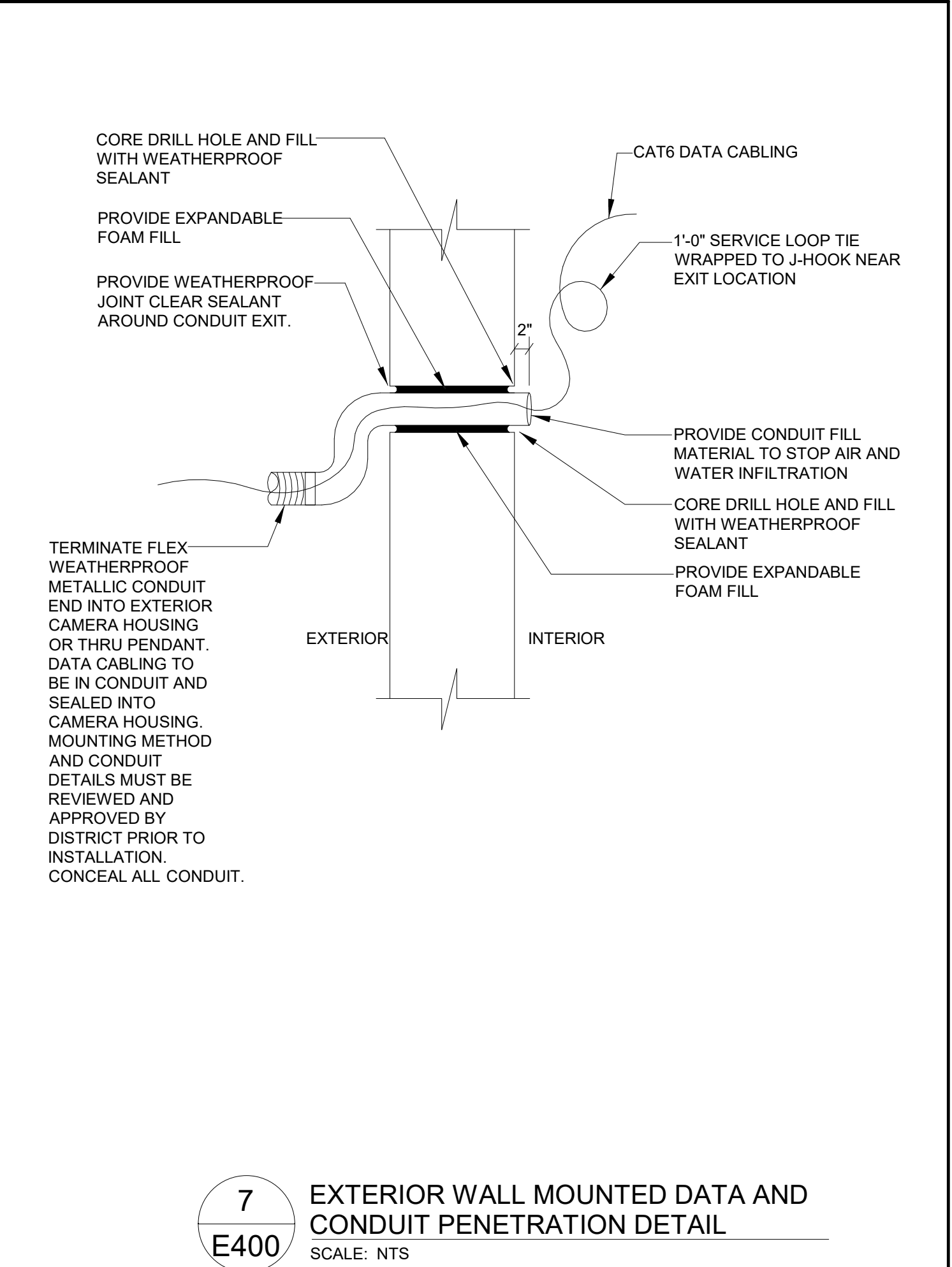
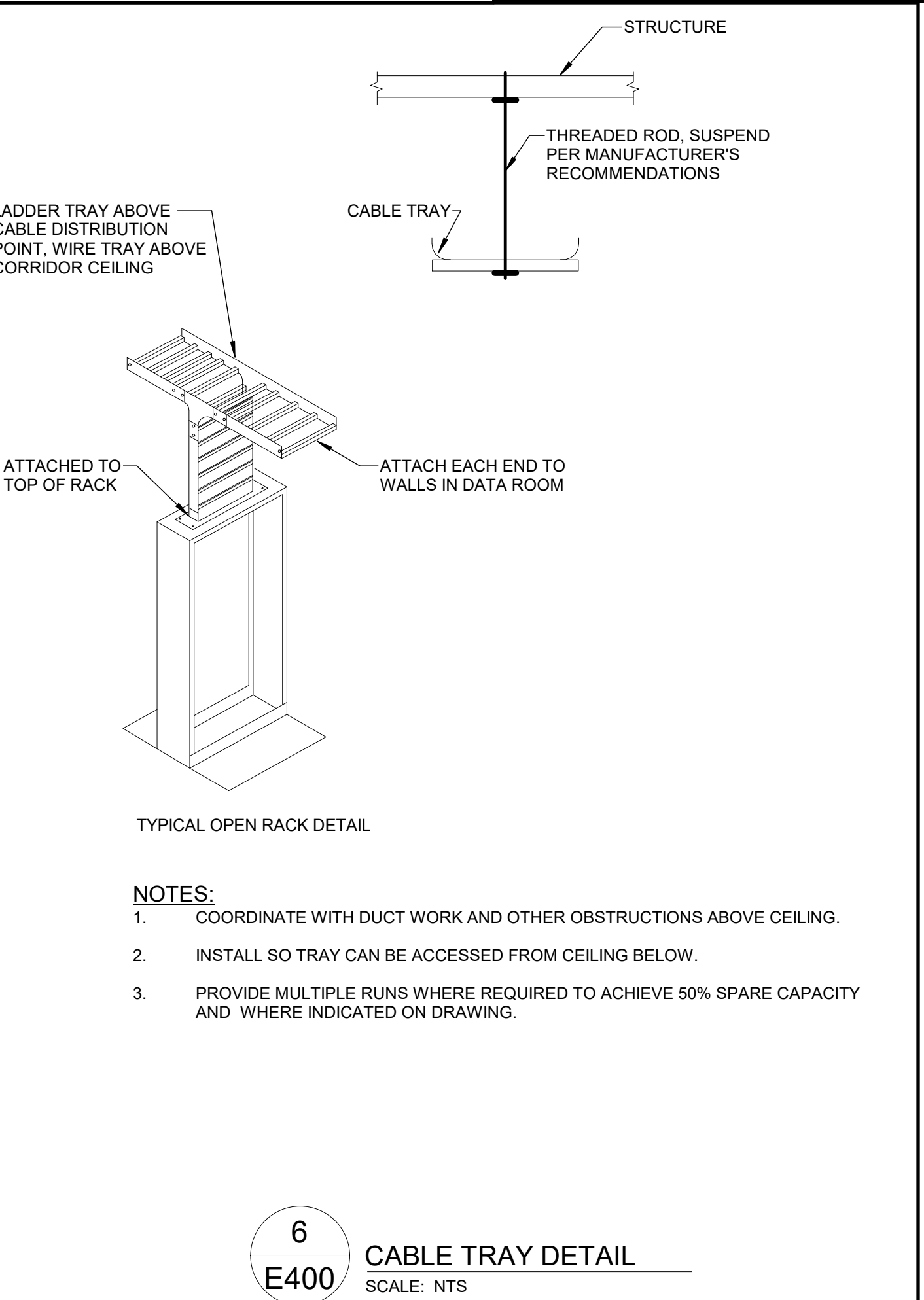
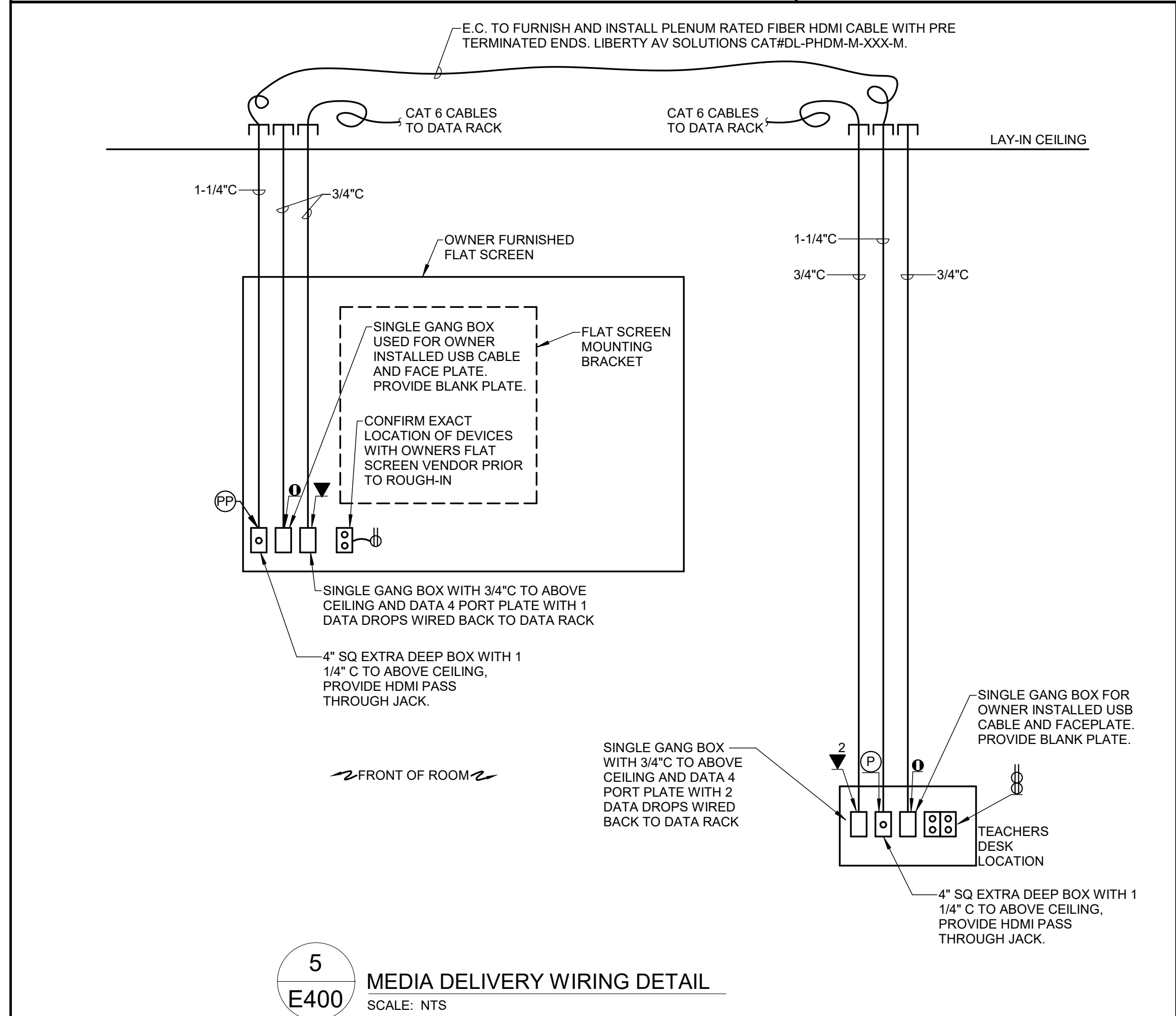
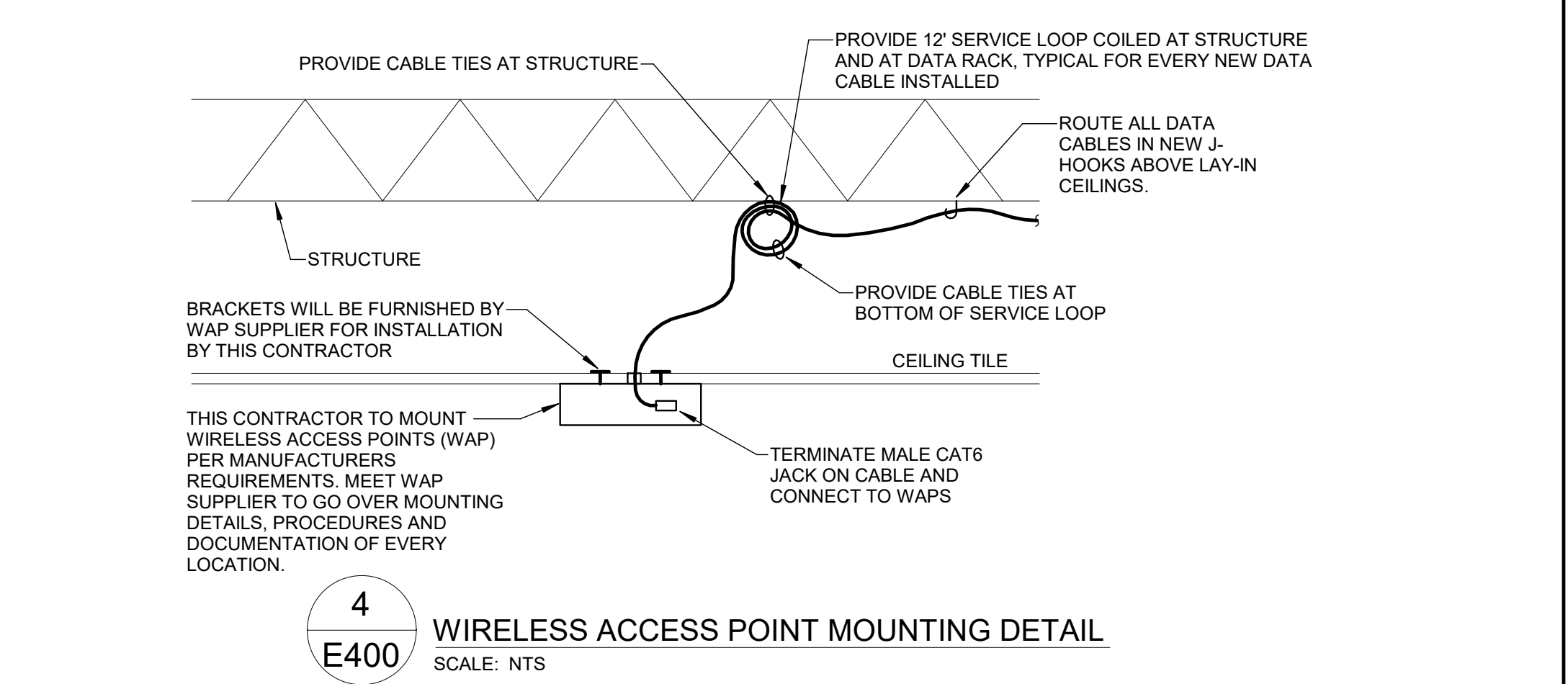
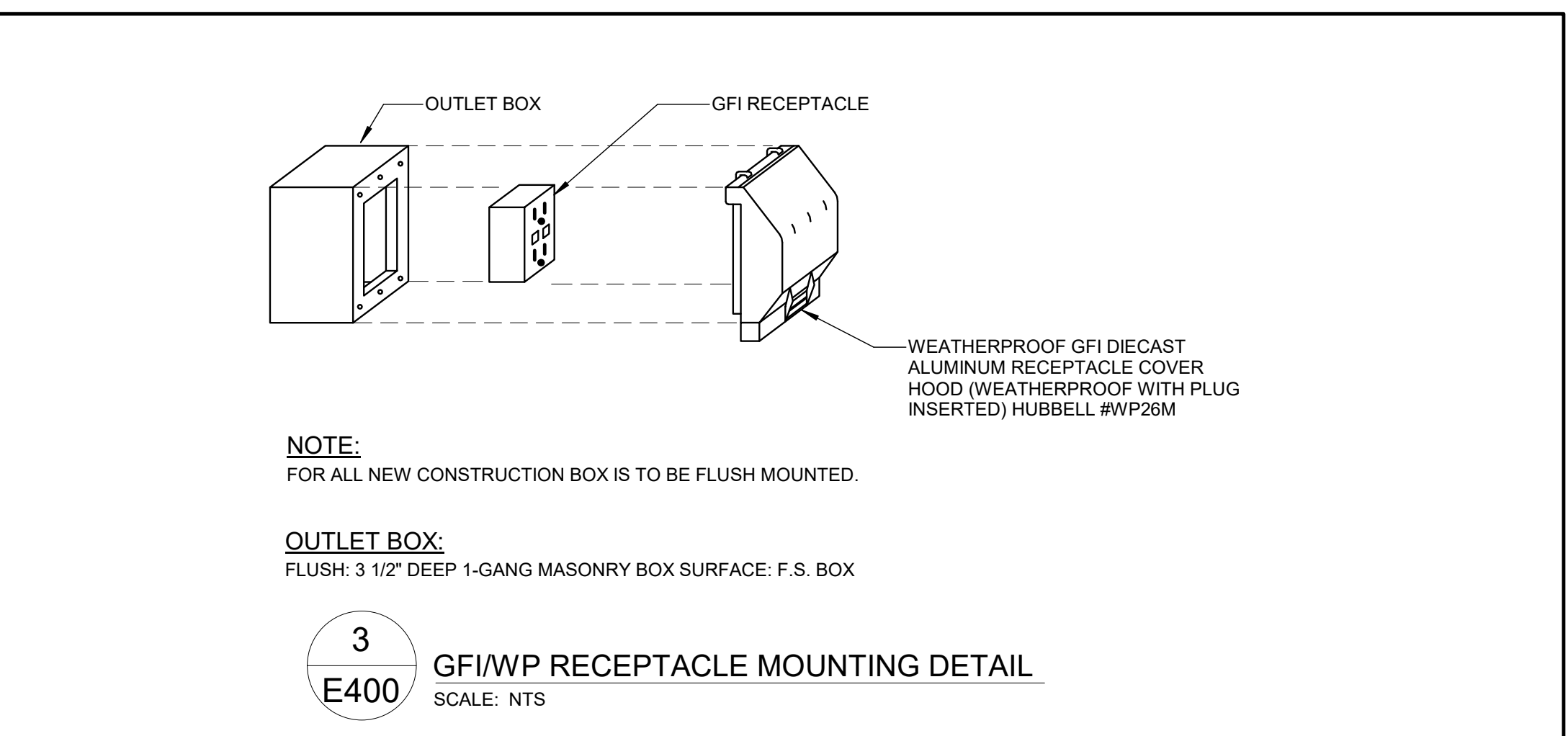
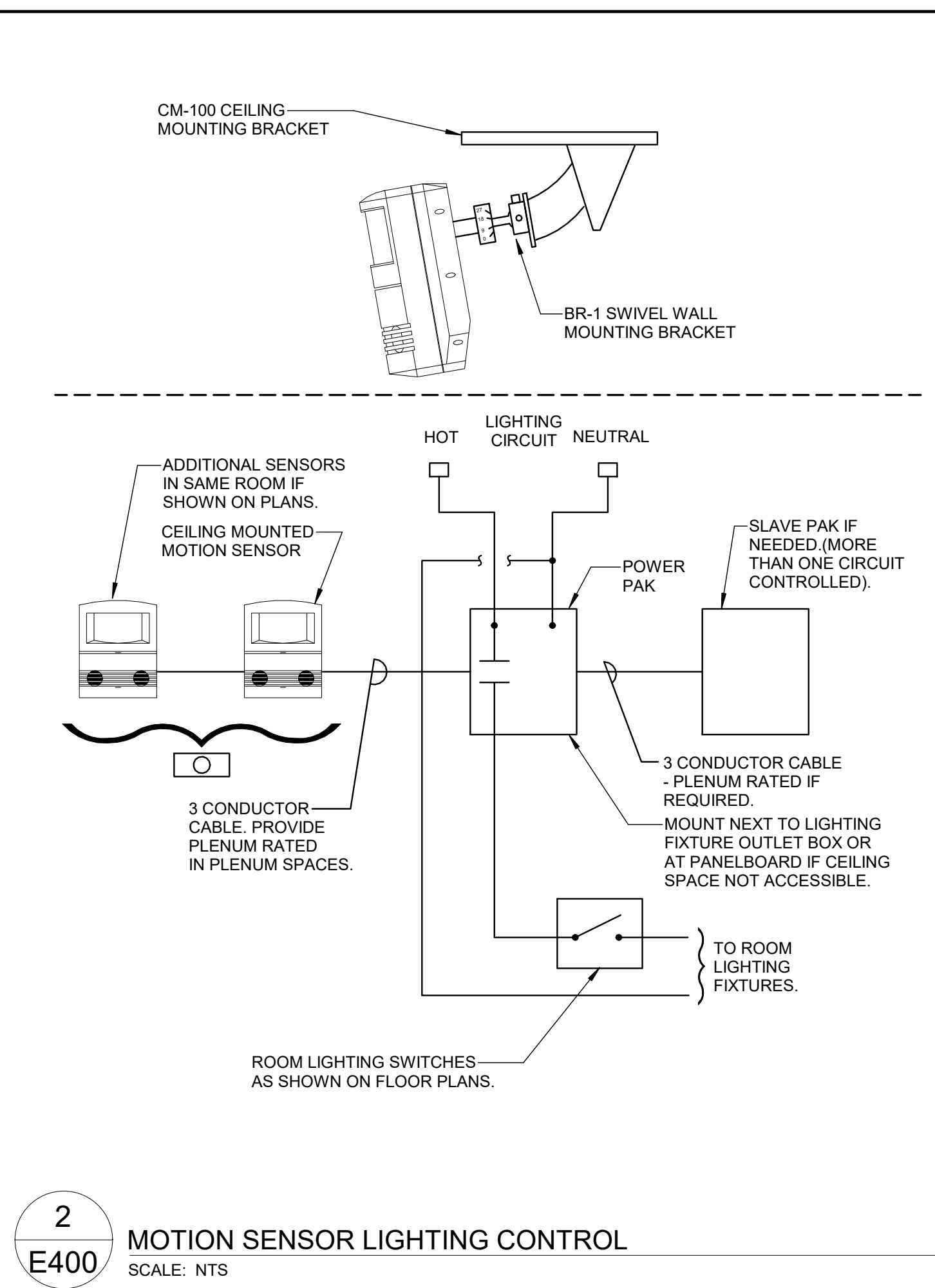
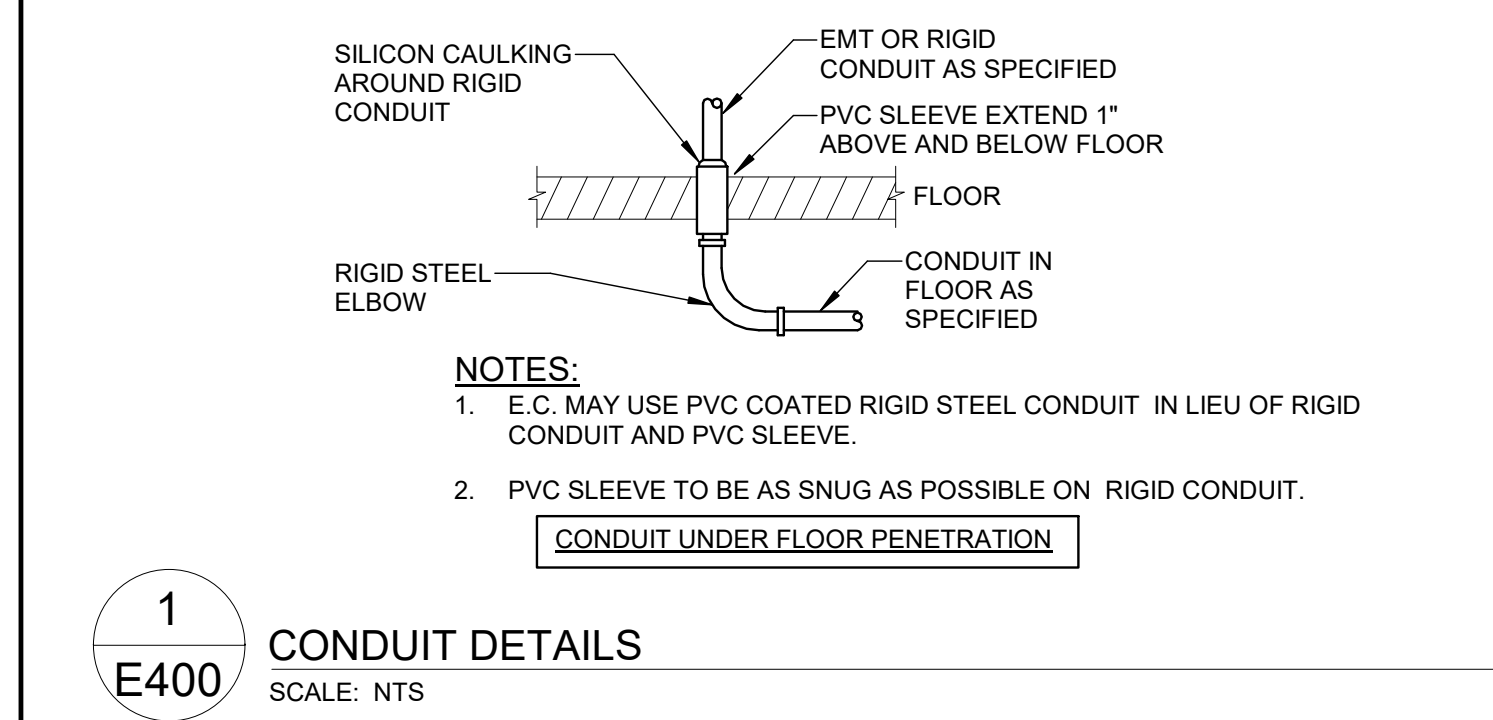
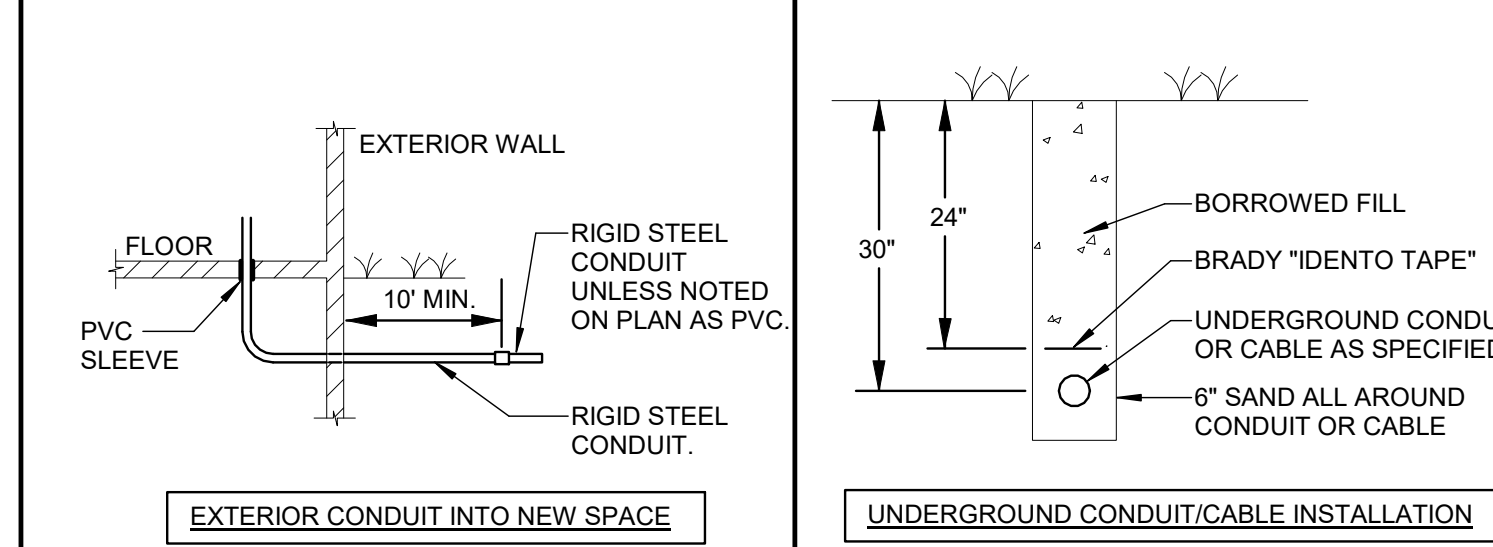
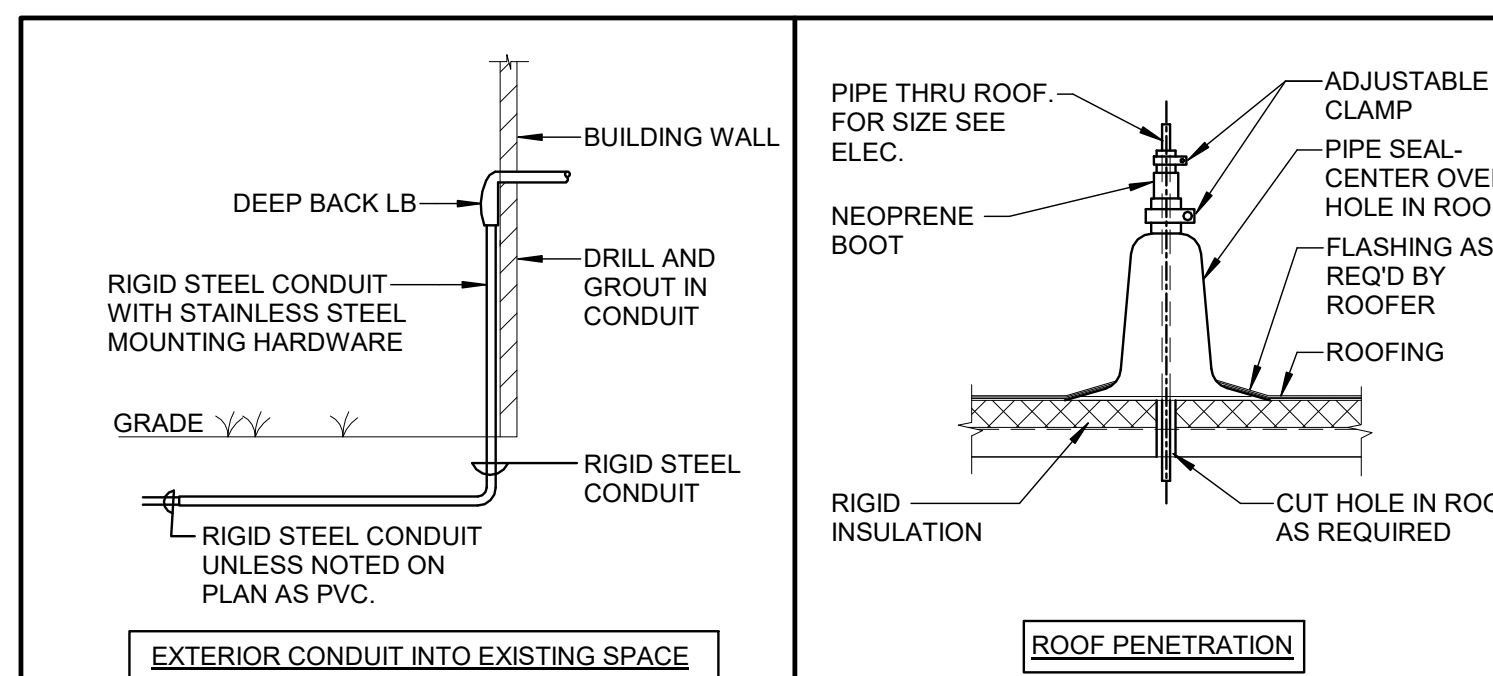
	X	REFERS TO NOTE NUMBER
	XXX	REFERS TO DETAIL
		SHEET NO. WHERE DETAIL IS LOCATED
		BELL WG=WIRE GUARD
		CIRCUIT HOMERUN TO 20A/1P BREAKER UNLESS SHOWN OTHERWISE ON DRAWINGS.
		INDICATES CONNECTED TO SAME CIRCUIT BUT CONTROLLED SEPARATELY

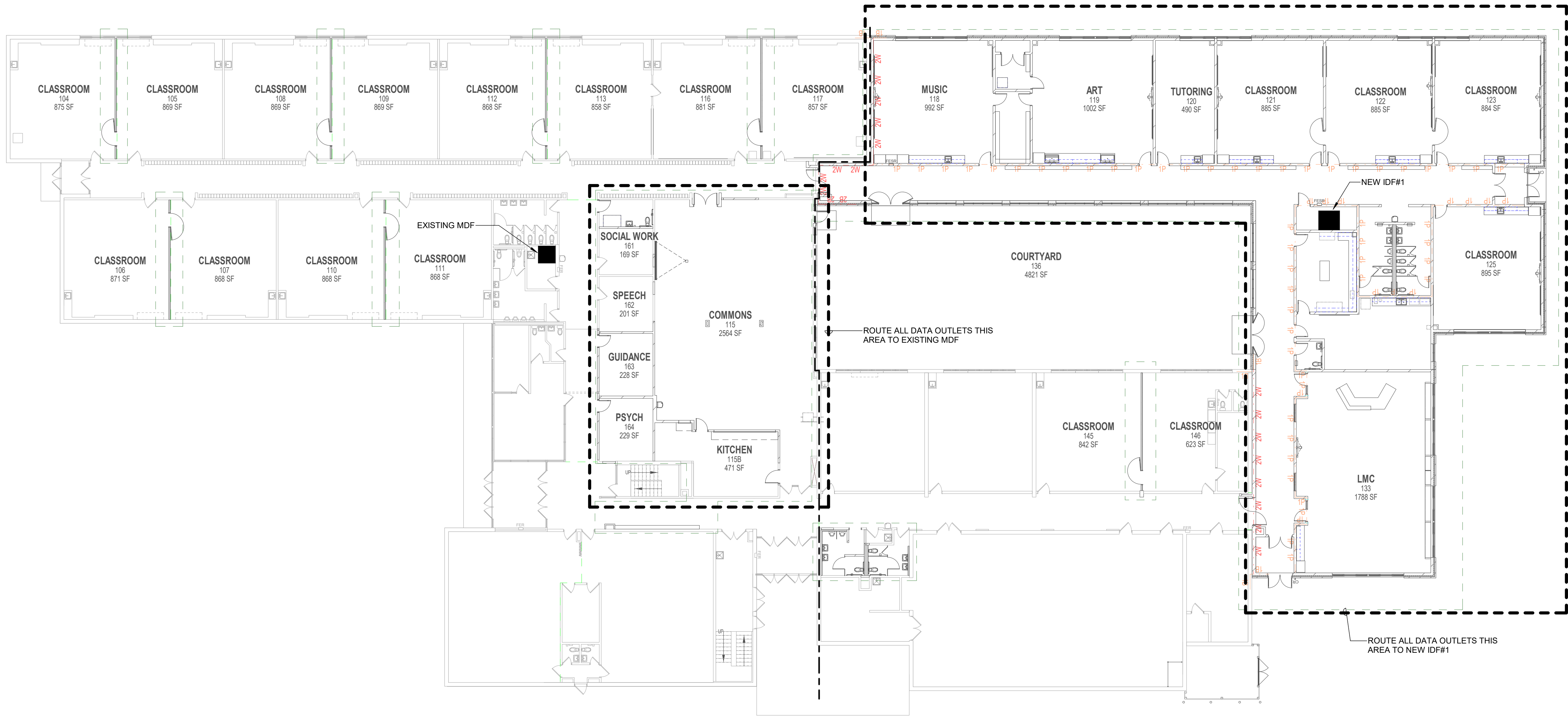
**COMMUNICATION**

		DATA OUTLET, SEE DETAIL, X INDICATES NUMBER OF DROPS PER OUTLET, NO X INDICATES 1 DROP, PROVIDE 4" SQUARE DEEP BOX, 1-GANG RING, 1" CONDUIT STUBBED INTO ACCESSIBLE CEILING.
		WIRELESS ACCESS POINT DATA OUTLET ABOVE CEILING WITH 2 DATA DROPS EACH
		AUXILIARY INPUT SOUND JACK
		MICROPHONE OUTLET
		WALL MOUNTED SPEAKER BOX
		CEILING MOUNTED SPEAKER
		ADMINISTRATION STATION SEE SOUND SYSTEM RISER
	WP	HORN SPEAKER WP=WEATHER PROOF FLUSH MOUNT AT
		VOLUME CONTROL
		WALL CLOCK WG = WIRE GUARD
		DOUBLE FACED WALL CLOCK WG = WIRE GUARD
		SINGLE PUSH BUTTON

**ABBREVIATIONS**

AFF	ABOVE FINISH FLOOR
AFG	ABOVE FINISH GRADE
AHU	AIR HANDLING UNIT
C	CONDUIT
CCU	COOLING CONDENSER UNIT
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CON	CONTACTOR
CP	CONTROL PANEL
CUH	CABINET UNIT HEATER
DIS	DISCONNECT
DM	DEMARC
DS	DOOR SWITCH
EBB	ELECTRICAL BASE BOARD
EC	ELECTRICAL CONTRACTOR
ECB	ENCLOSED CIRCUIT BREAKER
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
ELEV	ELEVATION
EM	EMERGENCY
EQ	EQUIPMENT
EOL	END OF LINE RESISTOR
EUH	ELECTRIC UNIT HEATER
EWC	ELECTRIC WATER COOLER
EWL	ELECTRIC WALL HEATER
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FACP	FIRE ALARM CONTROL PANEL
FBO	FURNISHED BY OTHERS
FC	VARIABLE SPEED FAN CONTROL SWITCH
GUH	GAS UNIT HEATER
GC	GENERAL CONTRACTOR
GFI	GROUND FAULT INTERRUPTER
GND	GROUND
GSP	GYM SWITCH PANEL
HF	HEAT FAN
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
IDF	INTERMEDIATE DISTRIBUTION FRAME
IG	ISOLATED GROUND
INC	INCANDESCENT
JB	JUNCTION BOX
LC	LEXAN COVER
MAU	MAKEUP AIR UNIT
MB	MOTORIZED BACKBOARD
MC	MECHANICAL CONTRACTOR
MDF	MAIN DISTRIBUTION FRAME
MOD	MOTOR OPERATED DAMPER
MTD	MOUNTED
NL	NIGHT LIGHT
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OHD	OVERHEAD DOOR
OC	ON CENTER
PC	PHOTOCELL
PDB	PUNCH DOWN BLOCK
PNL	PANELBOARD
PS	POWER SUPPLY
RCP	RELAY CONTROL PANEL
REF	REFRIGERATOR
RTU	ROOF TOP UNIT
SAP	SECURITY ANNUNCIATOR PANEL
SCP	SECURITY CONTROL PANEL
SJB	SOUND SYSTEM JUNCTION BOX
SPD	SURGE PROTECTED DEVICE
SS	STAINLESS STEEL
SV	SOLENOID VALVE
TC	TELECOMMUNICATION CLOSET
TCP	TEMPERATURE CONTROL PANEL
TGB	TELECOMMUNICATION GROUND BAR MASTER
TJB	TERMINAL JUNCTION BOX
TRN	TRANSFORMER
TRS	TRANSFER SWITCH
TTB	TELEPHONE TERMINAL BOARD
TS	DUCT SMOKE TEST SWITCH
UC	UNDERCOUNTER
UH	UNIT HEATER
VFD	VARIABLE FREQUENCY DRIVE
W	WELDER
WE	WALL EXHAUST
WG	WIRE GUARD
WH	WATER HEATER
WP	WEATHER PROOF
XP	CLASS 1, DIV. 1 EQUIPMENT





**DATA ROUTING OVERALL**  
1/16" = 1'-0"

