

# Sedalia Central Office Relocation Sedalia School District 1712 S Lafayette Ave. Sedalia, MO 65301

## CONSTRUCTION DOCUMENTS



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### ALTERNATES

#### ALTERNATE #1:

- A. PROVIDE CLG3 IN PLACE OF CLG1 CEILING CLOUDS IN THE BOARDROOM. REFER TO J1/A121
- B. BASE BID: PROVIDE THE CLG1 CEILING CLOUDS IN THE BOARDROOM AS SHOWN IN J9/A121.

#### ALTERNATE #2:

- A. PROVIDE PRICES FOR WIDENING EXISTING WINDOWS FROM 1' - 4" TO 3' - 4" PER DETAILS A7/A522, E7/A522, J7/A522. REMOVE WORK ASSOCIATED WITH SHEET NOTE 10/A101.
- PRICE FOR REPLACING 1 EXISTING WINDOW
  - PRICE FOR REPLACING 10 EXISTING WINDOWS
  - PRICE FOR REPLACING ALL 19 EXISTING WINDOWS
- B. BASE BID: EXISTING WINDOWS TO REMAIN, REPLACE SEALANT ALL AROUND PER SHEET NOTE 10/A101.

### VICINITY MAP



### DESIGN TEAM

#### ARCHITECT:

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Sedalia Central Office Relocation

Sedalia School District 200

1712 S Lafayette Ave

Sedalia, MO 65301

#### REVISIONS:

#	Description	Date
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JOB NO: 23195  
DRAWN BY: LB  
CHECKED BY: JB  
DATE: 04/11/2025

# G000

COVER SHEET

CONSTRUCTION DOCUMENTS

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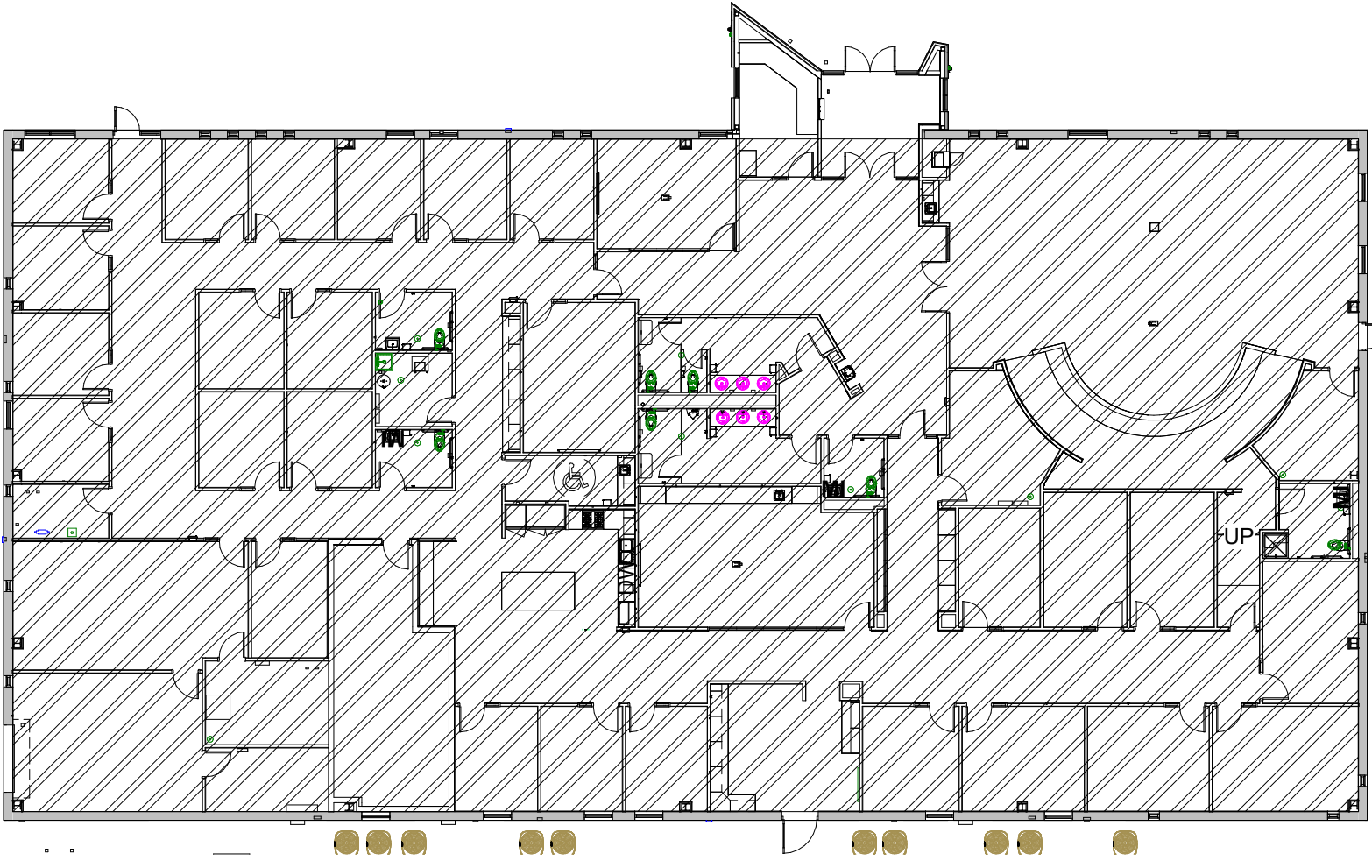


Code BLDG 1 Occupant Load Table

Rm No	Room Name	Function of Space	Area (SF)	Occupant Load Factor	Space Occupant Load
103	Conference	Assembly Without Fixed Seats Unconcentrated (tables & Chairs)	213 SF	15 SF	15
107	Boardroom	Assembly Without Fixed Seats Unconcentrated (tables & Chairs)	1367 SF	15 SF	92
109	Storage	Accessory Storage Areas, Mechanical Equipment Room	168 SF	300 SF	1
110	Office	Business Areas	136 SF	150 SF	1
111	Office	Business Areas	159 SF	150 SF	2
112	Office	Business Areas	159 SF	150 SF	2
114	Office	Business Areas	189 SF	150 SF	2
115	Office	Business Areas	214 SF	150 SF	2
116	Office	Business Areas	179 SF	150 SF	2
117	Office	Business Areas	179 SF	150 SF	2
118	Office	Business Areas	142 SF	150 SF	1
119	Work Room	Business Areas	254 SF	150 SF	2
120	Conference	Assembly Without Fixed Seats Unconcentrated (tables & Chairs)	405 SF	15 SF	28
121	Office	Business Areas	119 SF	150 SF	1
122	Office	Business Areas	120 SF	150 SF	1
123	Office	Business Areas	121 SF	150 SF	1
124	Breakroom	Kitchens, Commercial	395 SF	200 SF	2
125	MR	Business Areas	87 SF	150 SF	1
126	JC+ Mech	Accessory Storage Areas, Mechanical Equipment Room	79 SF	300 SF	1
128	Office	Business Areas	115 SF	150 SF	1
129	Office	Business Areas	115 SF	150 SF	1
130	Vault	Accessory Storage Areas, Mechanical Equipment Room	377 SF	300 SF	2
131	Storage	Accessory Storage Areas, Mechanical Equipment Room	124 SF	300 SF	1
132	Tech Office	Business Areas	417 SF	150 SF	3
133	Receiving	Accessory Storage Areas, Mechanical Equipment Room	367 SF	300 SF	2
134	Mech	Accessory Storage Areas, Mechanical Equipment Room	72 SF	300 SF	1
135	Office	Business Areas	110 SF	150 SF	1
136	Office	Business Areas	111 SF	150 SF	1
137	Office	Business Areas	112 SF	150 SF	1
138	Office	Business Areas	112 SF	150 SF	1
140	Office	Business Areas	115 SF	150 SF	1
141	Office	Business Areas	115 SF	150 SF	1
143	Office	Business Areas	117 SF	150 SF	1
144	Office	Business Areas	117 SF	150 SF	1
145	Office	Business Areas	115 SF	150 SF	1
146	Office	Business Areas	117 SF	150 SF	1
147	Office	Business Areas	118 SF	150 SF	1
148	HR + Enrollment	Business Areas	236 SF	150 SF	2
Main Level					183
Total Building Occupant Load					183

Total Facility Fixture Counts							
Fixture	Required			Provided			
	Male	Female	Total	Total	Male	Female	Gender Neutral
Water Closets	3	3	6	8	3	3	2
Lavatories	3	3	6	10	4	4	2
Drinking Fountains			1	1			
Service Sinks			1	1			

Urinal Substitutions				
Occupancy Group	Percentage Allowed	Required Water Closets	Permitted Substitutions	Substitutions Applied
Assembly / Education	67% of required	2	1	1
All other occupancies	50% of required	0	0	0



J12 Scale Code Plan - Overall  
1" = 20'-0"

PROJECT INFORMATION

PROJECT NUMBER: 23195  
PROJECT NAME: Sedalia Central Office Relocation  
OWNER: Sedalia School District 200  
2808 Matthew Drive, Sedalia, MO 65301  
AUTHORITY HAVING JURISDICTION: City of Sedalia, Community Development  
200 South Osage Ave., Office 203 Sedalia, MO 65301  
RESPONDING FIRE SERVICE: Sedalia Fire Department (SFD)  
ANTICIPATED OCCUPANCY: January, 2026  
ADOPTED CODES AND ORDINANCES: 2015 International Building Code  
2015 International Existing Building Code  
2014 National Electric Code (NFPA 70)  
2015 International Mechanical Code  
2015 International Plumbing Code  
2015 International Fire Code  
2009 ICC A117.1 Accessible and Usable Buildings and Facilities  
EXISTING SF: 12800  
NEW SF OR ADDITIONS: 204  
TOTAL SF: 13004

BUILDING INFORMATION

OCCUPANCY CLASSIFICATION: Business, Group B (304.1)  
CONSTRUCTION TYPE: II-B (602.2, Non-combustible, non-protected)  
Renovation of existing structure  
BUILDING HEIGHT: Allowable Height (Table 504.3): 59' above grade plane  
Building Height: 16' above grade plane  
Allowable Stories (Table 504.4): 3 stories above grade plane  
Building Stories: 1  
BUILDING AREA: Sprinkler qualifier (Table 506.2): S1: Building one story max. above grade plane with automatic sprinkler system  
Allowable Area: 106250 sq ft  
Building Area: 13000 sq ft  
OCCUPANCY SEPARATION: No separation requirement (Table 508.4)  
INCIDENTAL USE SEPARATION: No separation requirement (508.3)  
FIRE RESISTANCE RATINGS: (Per Table 601, 602)  
Primary Structural Frame: 0-Hour fire-resistance rating  
Exterior Bearing Walls: 0-Hour fire-resistance rating  
Interior Bearing Walls: 0-Hour fire-resistance rating  
Exterior Nonbearing Walls: 0-Hour fire-resistance rating  
Interior Nonbearing Walls: 0-Hour fire-resistance rating  
Floor Construction / Secondary Members: 0-Hour fire-resistance rating  
Roof Construction / Secondary Members: 0-Hour fire-resistance rating  
Fire Walls: No fire walls  
Fire Barriers: 1 Hour fire barrier w/ 45 min. doors, 2 Hour fire barrier w/ 90 min. doors  
Fire Partitions: No fire partitions  
Smoke Barriers: No smoke barriers  
Shafts: No shaft enclosures

EGRESS COMPONENTS

NUMBER OF EXITS: 2 per space greater than 49 occupants (Table 1006.2.1)  
3 per space with load 501 to 1,000; 4 per space over 1,000  
DEAD-END CORRIDORS: 50' Max. with automatic sprinkler system in groups B, E, F, I-1, M, R-1, R-2, R-4, S, U (1020.4, Exception 2)  
COMMON PATH OF TRAVEL: 100' (Table 1006.2.1)  
TRAVEL DISTANCE TO EXIT: 300' Maximum in B occupancies with sprinkler (Table 1017.2)  
CORRIDOR CONSTRUCTION: 0-hour fire rating in A, B, E, F, I-2, I-4, M, S, U occupancies with sprinkler (1020.1)  
CORRIDOR WIDTH: 44" minimum corridor width (Table 1020.2)  
24" minimum for access to MEP systems or equipment (Table 1020.2)  
MEANS OF EGRESS CAPACITY: 0.2" for stairways (1005.3.1) / 0.15" for doors / other (1005.3.2) (sprinklered bldg)

FIRE SAFETY FEATURES

SPRINKLER: Automatic sprinkler system provided throughout.

PLUMBING FIXTURES

Water Closets (Male & Female): B: 1 per 25 then 1 per 50 over 50  
Lavatories (Male & Female): B: 1 per 40 then 1 per 80 over 80  
Drinking Fountains: B: 1 per 100  
Service Sink: 1

BUILDING AREA CALCULATIONS

506.2 Allowable Area Determination: Equation 5-2  
 $A_a = [A + (NS \times W)] \times S_a$  where:  
 $A_a$  = Allowable area (square feet, typ.)  
 $A$  = Tabular allowable area factor (per sprinkler qualifier) in accordance with Table 506.2  
 $NS$  = Tabular allowable area factor per Table 506.2 (regardless of whether building is sprinklered)  
 $W$  = Area factor increase due to frontage/perimeter per Section 506.3  
 $S_a$  = Actual number of stories above grade plane; not to exceed 3 (4 if building is fully sprinklered)  
 $A_a = 106250$  sq ft  
506.3 Frontage Increase: Per Equation 5-5:  
 $IF = [FP - 0.25] W / 30$  where:  
 $IF$  = Area increase due to frontage  
 $F$  = Building perimeter that fronts a public way or open space having 20 feet open minimum width  
 $P$  = Perimeter of entire building (feet)  
 $W$  = Width of public way of open space (feet) - min. 20' to be allowed, use 30' max.  
 $IF = 0.75$   
 $F = 488$   
 $P = 2300$   
 $W = 30$

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CONSTRUCTION DOCUMENTS

CODE LEGEND

- 1:20 1:20 1:20 1:20 1:20  
1 HOUR FIRE PARTITION W/ 20 MIN DOORS  
1:45 1:45 1:45 1:45 1:45  
1 HOUR FIRE BARRIER W/ 45 MIN. DOORS  
2:FB 2:FB 2:FB 2:FB 2:FB  
2 HOUR FIRE BARRIER W/ 90 MIN DOORS  
2:FW 2:FW 2:FW 2:FW 2:FW  
2 HOUR FIRE WALL W/ 90 MIN DOORS
- HIGH WIND AREA  
NEW ADDITION  
EXISTING BUILDING - NO WORK  
EXISTING BUILDING - ALTERATION LEVEL 1  
ALTERATIONS DO NOT INVOLVE SPACE RECONFIGURATION  
EXISTING BUILDING - ALTERATION LEVEL 2  
SPACE RECONFIGURATION DOES NOT EXCEED 50% OF THE BUILDING AREA  
EXISTING BUILDING - ALTERATION LEVEL 3  
SPACE RECONFIGURATION COVERS MORE THAN 50% OF THE BUILDING AREA
- FH FIRE HYDRANT  
FDC FIRE DEPARTMENT CONNECTION  
FACP FIRE ALARM CONTROL PANEL  
FDA FIRE DEPARTMENT ACCESS (KNOX BOX)  
FE FIRE EXTINGUISHER:  
ON BRACKET: MOUNT HANDLE 48" MAX AFF  
IN CABINET: BOTTOM OF CABINET 32" AFF  
EXIT COMPONENT  
123 / 345 CAPACITY  
123 ACTUAL OCCUPANT LOAD  
456 OCCUPANT COUNT @ ROOM EXIT  
131' - 6" TRAVEL DISTANCE

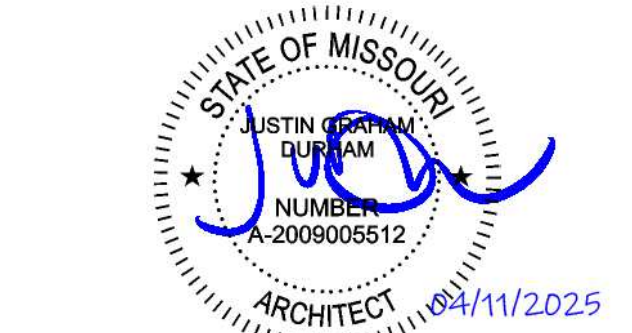
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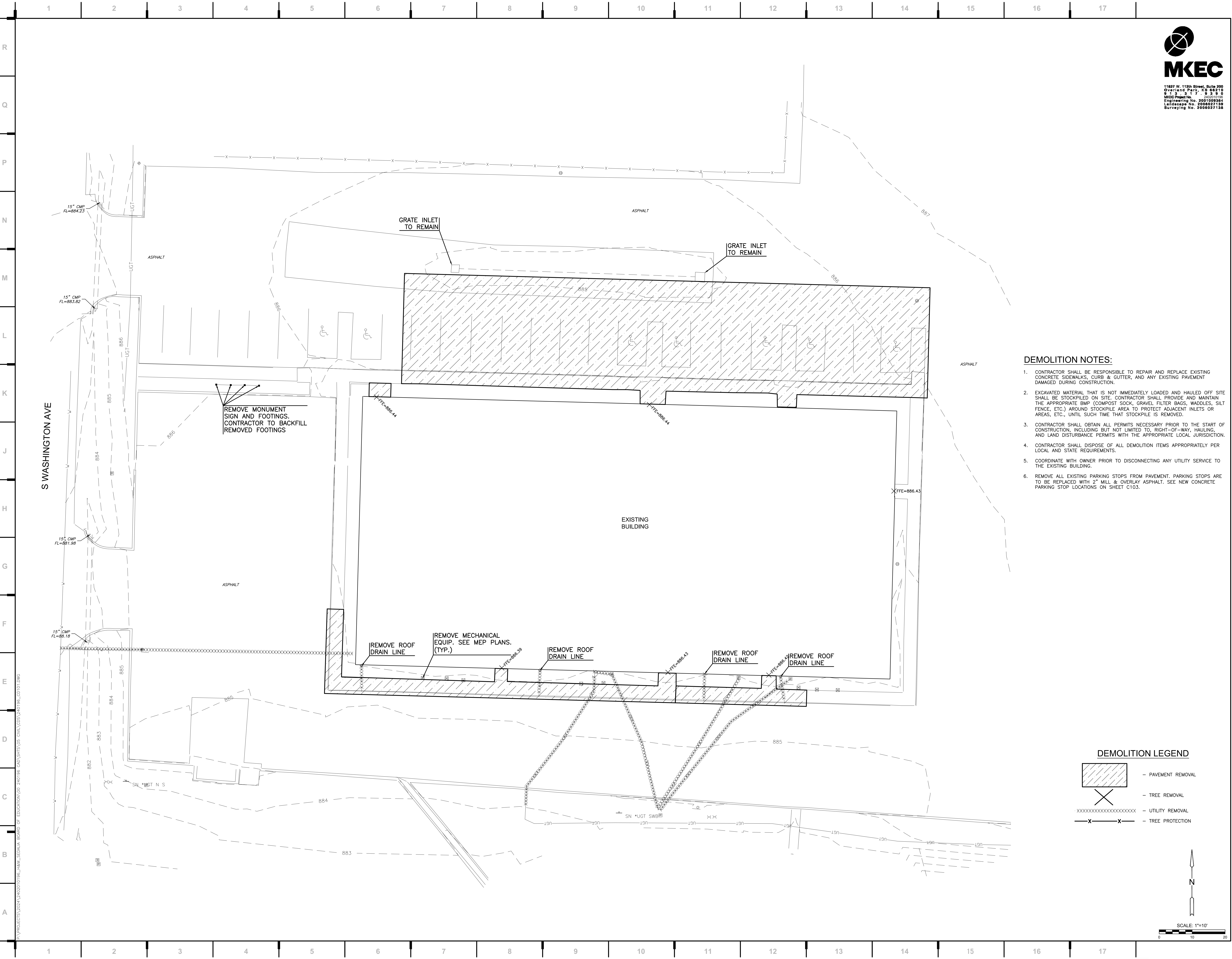


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G101

CODE FLOOR PLAN





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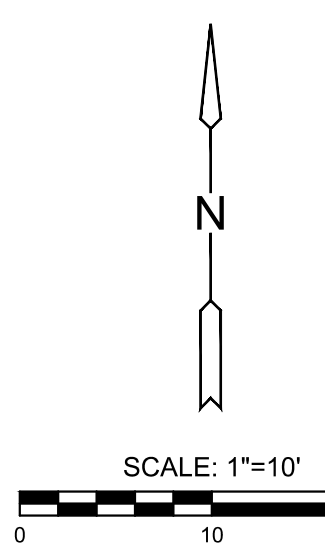
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### DEMOLITION NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR AND REPLACE EXISTING CONCRETE SIDEWALKS, CURB & GUTTER, AND ANY EXISTING PAVEMENT DAMAGED DURING CONSTRUCTION.
2. EXCAVATED MATERIAL THAT IS NOT IMMEDIATELY LOADED AND HAULED OFF SITE SHALL BE STOCKPILED ON SITE. CONTRACTOR SHALL PROVIDE AND MAINTAIN THE APPROPRIATE BMP (COMPOST SOIL, GRAVEL FILTER BAGS, WADDLES, SILT FENCE, ETC.) AROUND STOCKPILE AREA TO PROTECT ADJACENT INLETS OR AREAS, ETC., UNTIL SUCH TIME THAT STOCKPILE IS REMOVED.
3. CONTRACTOR SHALL OBTAIN ALL PERMITS NECESSARY PRIOR TO THE START OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO, RIGHT-OF-WAY, HAULING, AND LAND DISTURBANCE PERMITS WITH THE APPROPRIATE LOCAL JURISDICTION.
4. CONTRACTOR SHALL DISPOSE OF ALL DEMOLITION ITEMS APPROPRIATELY PER LOCAL AND STATE REQUIREMENTS.
5. COORDINATE WITH OWNER PRIOR TO DISCONNECTING ANY UTILITY SERVICE TO THE EXISTING BUILDING.
6. REMOVE ALL EXISTING PARKING STOPS FROM PAVEMENT. PARKING STOPS ARE TO BE REPLACED WITH 2" MILL & OVERLAY ASPHALT. SEE NEW CONCRETE PARKING STOP LOCATIONS ON SHEET C103.

### DEMOLITION LEGEND

- PAVEMENT REMOVAL
- TREE REMOVAL
- UTILITY REMOVAL
- TREE PROTECTION



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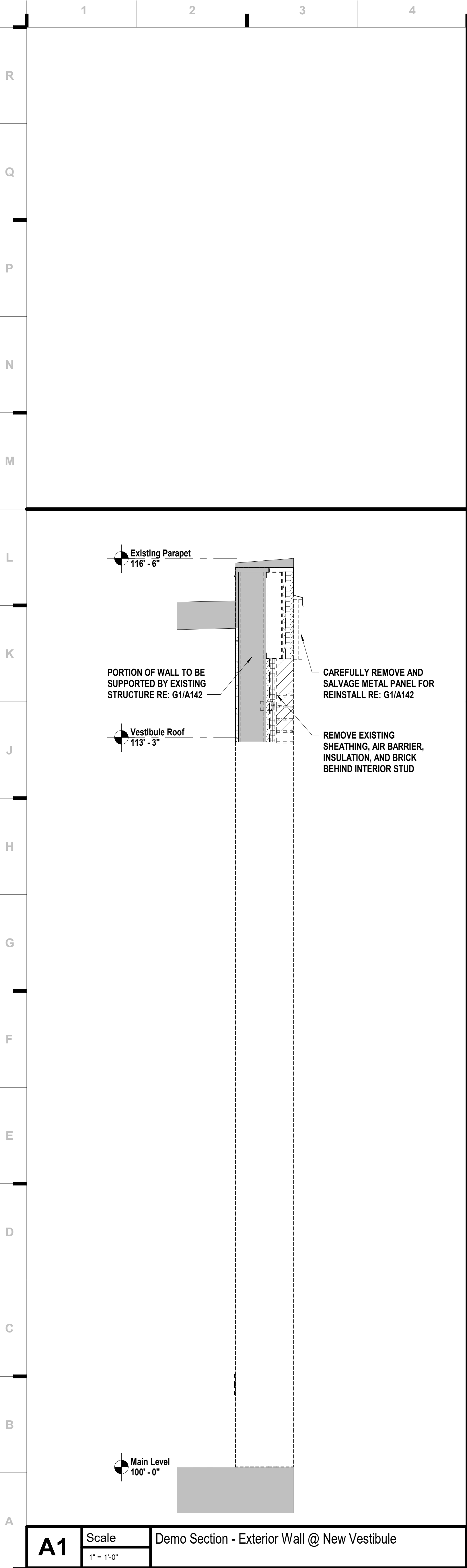
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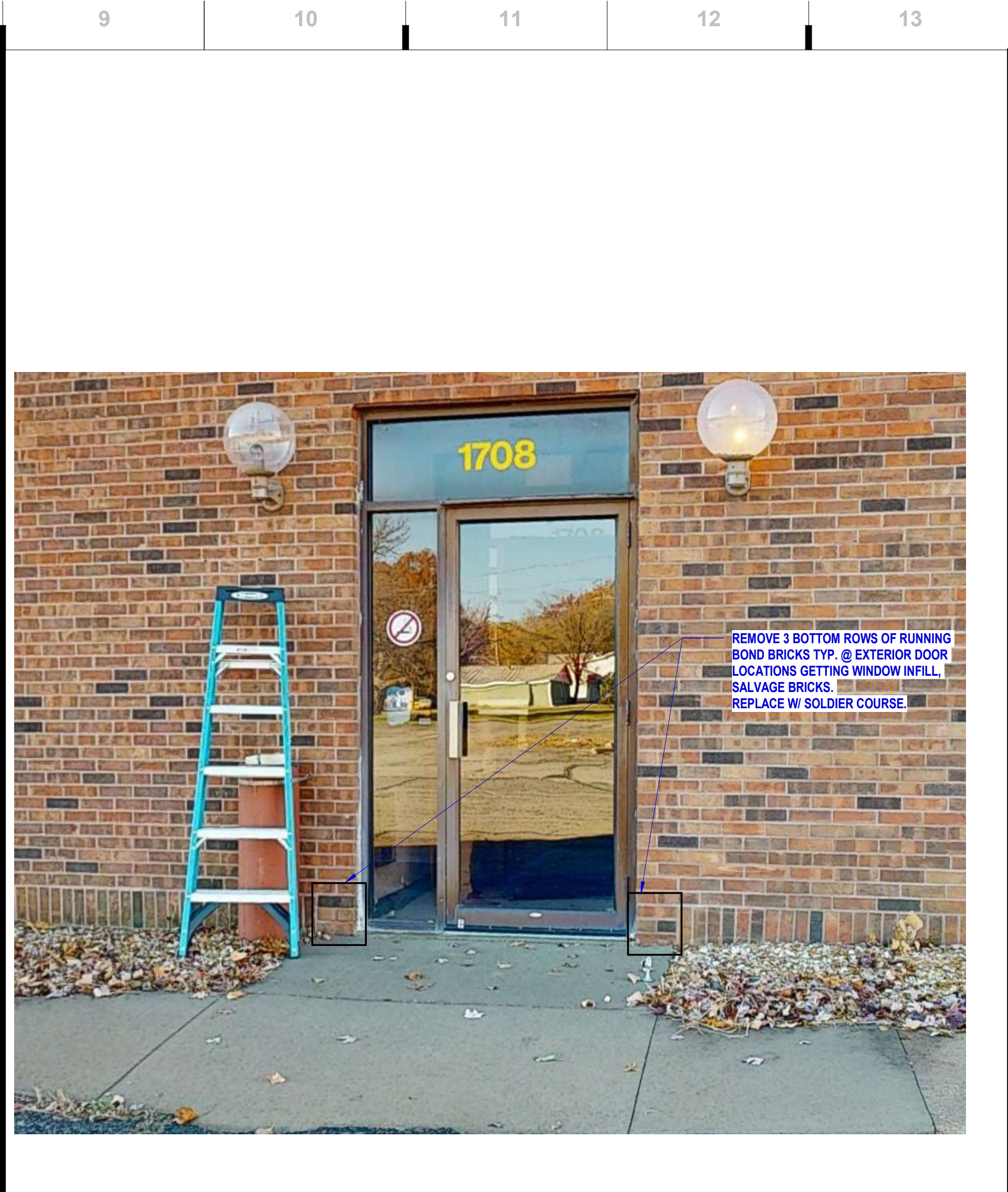


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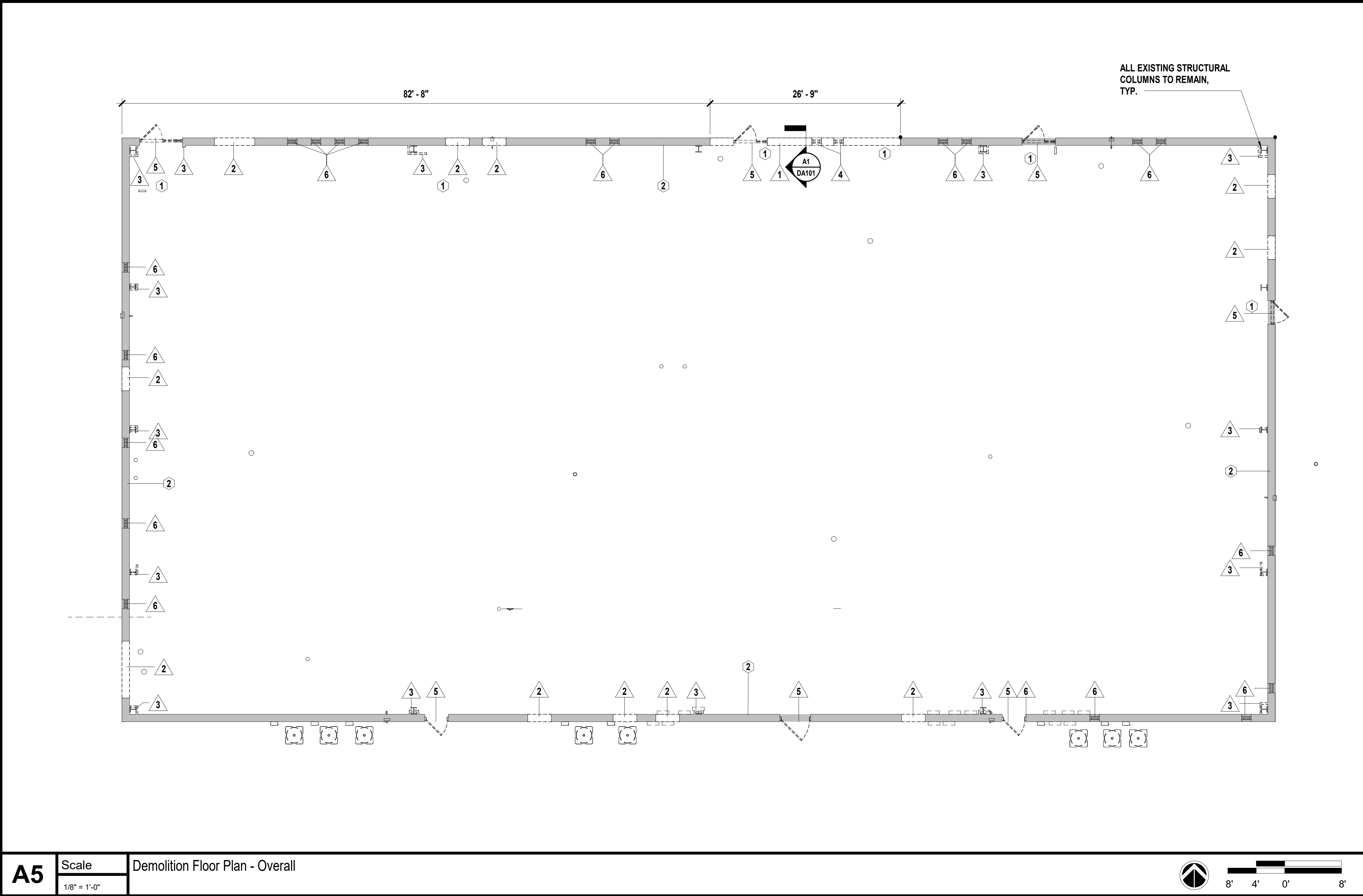
**K5** Scale 1/8" = 1'-0"

Existing Condition Photos



- ### GENERAL DEMOLITION NOTES
- DEMOLITION INCLUDES THE REMOVAL OF EXISTING CONSTRUCTION WHICH CONFLICTS WITH WORK TO BE BUILT/INSTALLED IN NEW CONSTRUCTION. TRANSITIONS BETWEEN DEMOLITION AND EXISTING TO REMAIN TO BE CAREFULLY COORDINATED
  - DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE DEMOLISHED/REMOVED
  - GREY HALF-TONE SHADING INDICATES EXISTING CONSTRUCTION TO REMAIN
  - EVERY DETAIL OF THE DEMOLITION WORK MAY NOT BE COVERED ON THESE DRAWINGS, BUT THE DEMOLITION CONTRACTOR SHALL COORDINATE WITH THE GC/CM TO ENSURE ALL REQUIRED ITEMS ARE REMOVED IN ORDER FOR NEW WORK TO BE COMPLETED
  - IN AREAS SCHEDULED FOR DEMOLITION, ALL ACCESSORIES ATTACHED TO THE CEILINGS, FLOOR AND WALLS ARE TO BE REMOVED, INCLUDING CORNER GUARDS, ACT GRIDS, CARPET EDGES, BRACKETS, SCREWS, SIGNAGE, SURFACE MOUNTED ELECTRICAL AND TECHNOLOGY; REMOVE ALL WINDOW COVERINGS; MINI-BLINDS, ROLLER SHADES AND ALL BRACKETS
  - DO NOT DISTURB SOIL UNDER EXISTING FOOTINGS AND/OR FLOOR SLABS NOTED TO REMAIN
  - COORDINATE THE REMOVAL OF ALL/PORTIONS OF LOAD BEARING ELEMENTS WITH THE STRUCTURAL ENGINEER PRIOR TO REMOVAL. PROVIDE TEMPORARY SHORING AS REQUIRED
  - REFER TO MEP DEMOLITION SHEETS FOR EXISTING MECHANICAL, ELECTRICAL AND PLUMBING TO BE REMOVED
  - SALVAGE ALL BRICK @ REMOVAL LOCATIONS FOR NEW INFILL

- ### DEMOLITION NOTES
- #### FLOORS & BASE
- DEMO EXISTING FINISH FLOORING DOWN TO CONCRETE INCLUDING ANY ADHESIVE THROUGHOUT; GRIND/FLOAT AS REQ.
  - REMOVE FLOOR BASE FROM ALL WALLS TYP
- REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR NEW CONSTRUCTION. SAW CUT CONCRETE PRIOR TO REMOVAL. DO NOT SAW CUT INTO EXISTING FOUNDATIONS OR OTHER STRUCTURAL MEMBERS.
- REMOVE EXISTING CONCRETE SLAB AS REQUIRED FOR UNDER SLAB MECHANICAL, ELECTRICAL AND PLUMBING WORK. SAW CUT CONCRETE PRIOR TO REMOVAL. DO NOT SAW CUT INTO EXISTING FOUNDATIONS OR OTHER STRUCTURAL MEMBERS. COORDINATE WITH MEP SHEETS FOR NEW WORK AND CAPPING OF ABANDONED SERVICES
- #### WALLS
- REMOVE PORTION OF EXISTING EXTERIOR WALLS. COORDINATE EXTENTS OF REMOVAL WITH NEW CONSTRUCTION AND REMOVAL/REROUTING OF CONDUIT, WIRING, SWITCHES AND DUCTWORK. SALVAGE BRICK FOR REUSE AS MAY BE REQUIRED.
  - REMOVE PORTION OF EXISTING EXTERIOR WALLS AS REQUIRED TO INSTALL NEW WINDOW/DOOR AND ASSOCIATED COMPONENTS.
  - REMOVE EXISTING INTERIOR METAL/WOOD STUD AND GYPSUM BOARD PARTITION WALLS.
  - REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAMED GLAZING SYSTEMS
  - REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAME, DOOR AND ALL RELATED HARDWARE
  - REMOVE WOOD TRIM FROM DOOR/WINDOW FACE, SILLS, AND JAMB TYP



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**Sedalia Central Office Relocation**  
Sedalia School District 200  
1712 S Lafayette Ave  
Sedalia, MO 65301

**REVISIONS:**

#	Description	Date
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STATE OF MISSOURI  
JULIAN G. HAM  
NUMBER  
A-2009005512  
ARCHITECT

04/11/2025

JOB NO: 23195  
DRAWN BY: LB  
CHECKED BY: JB  
DATE: 04/11/2025

**DA101**

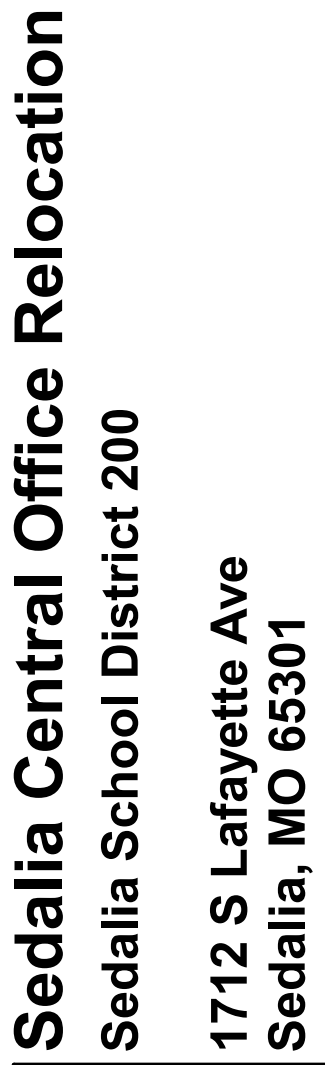
DEMOLITION FLOOR PLAN - OVERALL

Please consider the environment before printing this.

CONSTRUCTION DOCUMENTS

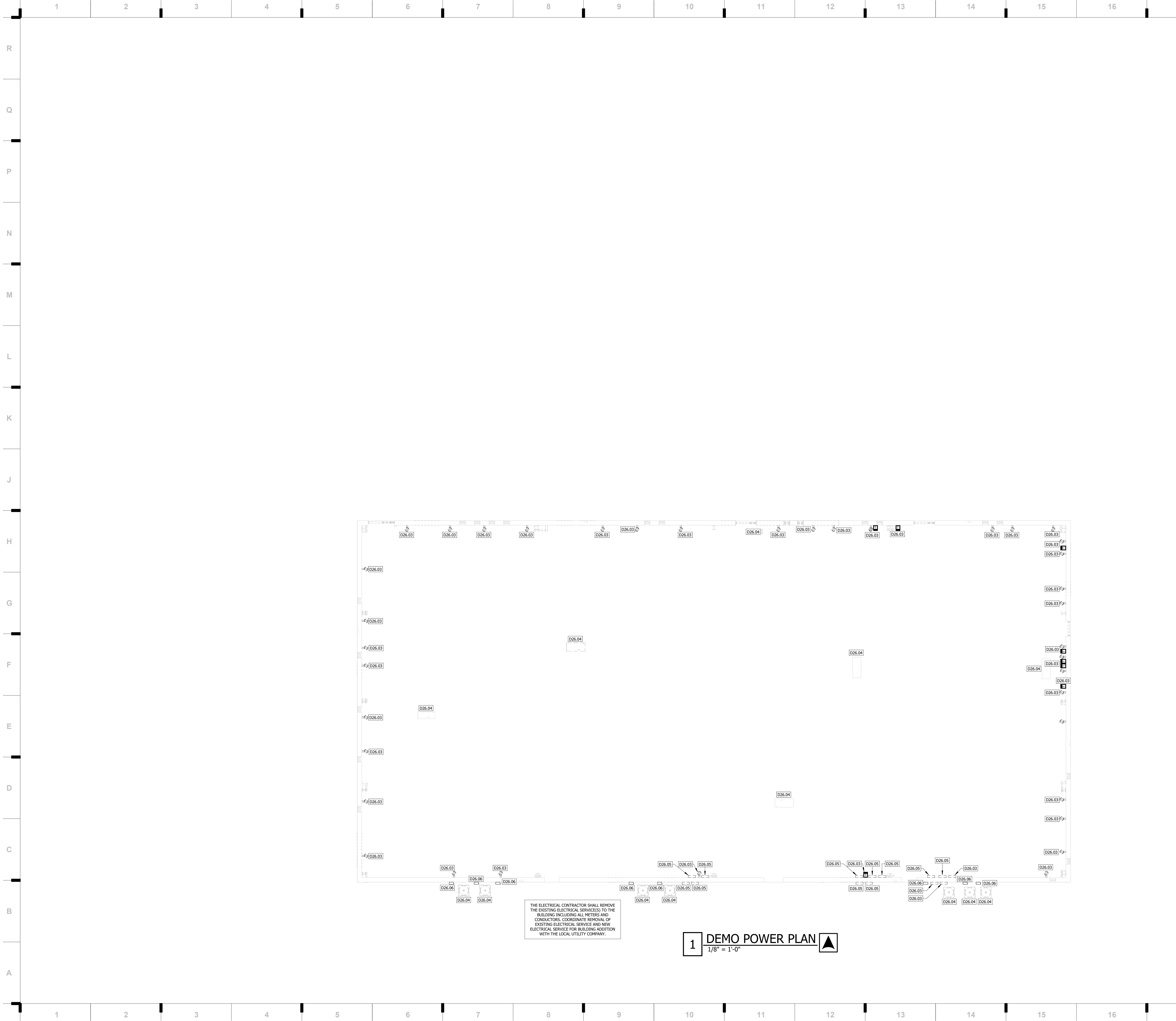
hollis + miller architects







4/10/2025 9:56:05 AM



KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
D26.03	REMOVE EXISTING ELECTRICAL AND/OR SPECIAL SYSTEMS DEVICE AND ASSOCIATED CONDUIT AND CONDUCTORS. DEVICES SHALL INCLUDE BUT ARE NOT LIMITED TO RECEPTACLES, TELECOM, INTERCOM, CCTV, DATA, ETC.
D26.04	REMOVE EXISTING ELECTRICAL CONNECTION TO MECHANICAL EQUIPMENT AND ASSOCIATED CONDUIT AND CONDUCTORS BACK TO ASSOCIATED PANELBOARD. CAP EXISTING WALL PENETRATION WEATHER TIGHT.
D26.05	REMOVE EXISTING PANELBOARD AND ALL ASSOCIATED CONDUITS AND CONDUCTORS.
D26.06	REMOVE EXISTING DISCONNECT AND ASSOCIATED CONDUIT AND WIRING.

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Holla + Miller Architects  
Missouri State Certificate of Authority  
Architecture # 000061

**MKEC Engineering, Inc.**  
Civil Engineer / Landscape Architecture  
State Certificate of Authority #2001009364  
State Certificate of Authority #2006027139  
11827 W. 112th Street, Ste 200  
Overland Park, KS 66210  
913.317.9390 phone  
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**Stand Structural Engineering Inc.**  
Structural Engineer  
State Certificate of Authority #F001321657  
8234 Robinson St  
Overland Park, KS, 66204  
913.214.2169 phone  
stand-sai.com

**True Engineering Group LLC**  
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PROFESSIONAL SEAL  
JACOB A NELSON PE  
MO PE-2009018758



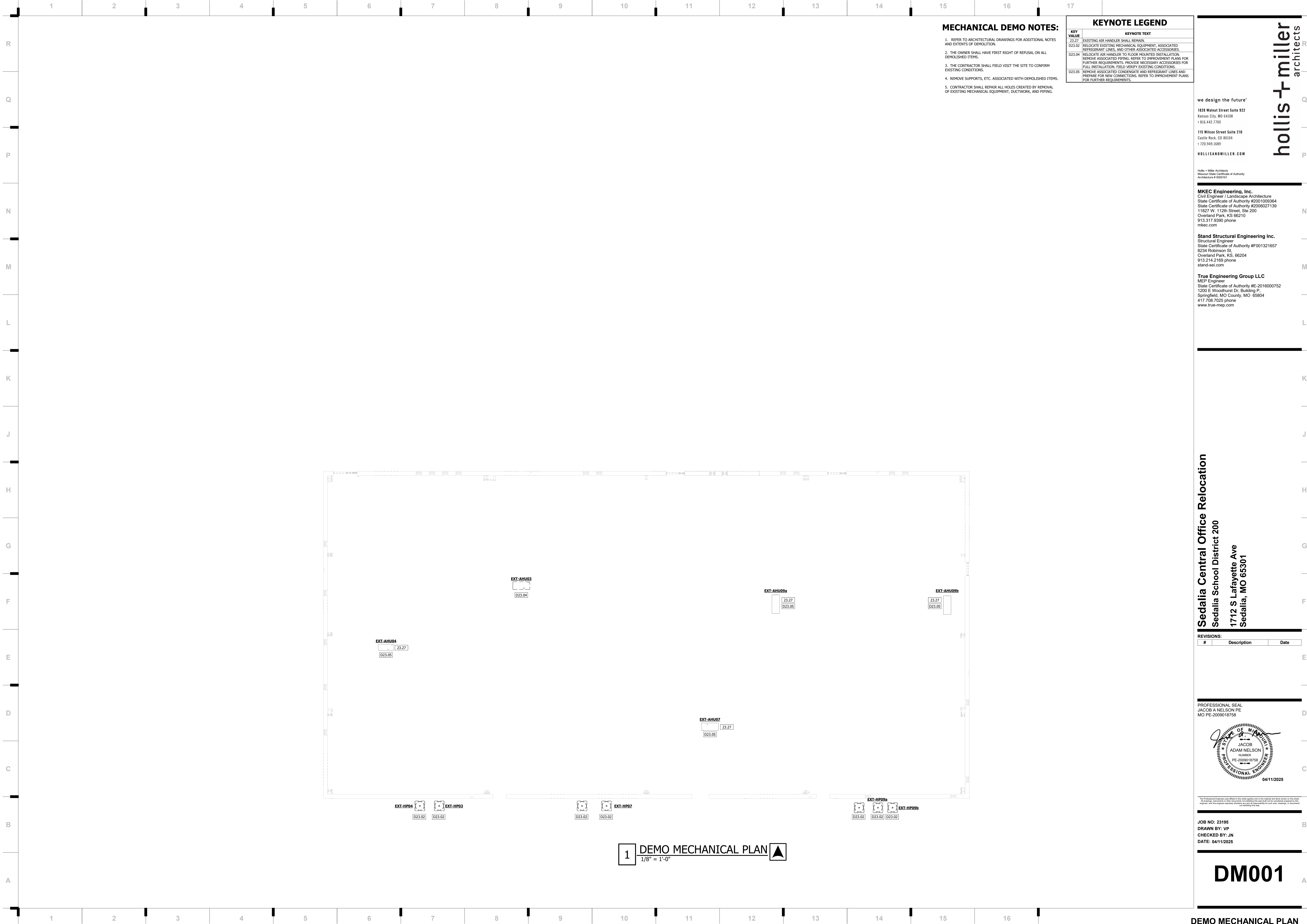
JOB NO: 23195  
DRAWN BY: VP  
CHECKED BY: JN  
DATE: 04/11/2025

DE002

DEMO POWER PLAN



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**MECHANICAL DEMO NOTES:**

1. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL NOTES AND EXTENTS OF DEMOLITION.
2. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL DEMOLISHED ITEMS.
3. THE CONTRACTOR SHALL FIELD VISIT THE SITE TO CONFIRM EXISTING CONDITIONS.
4. REMOVE SUPPORTS, ETC. ASSOCIATED WITH DEMOLISHED ITEMS.
5. CONTRACTOR SHALL REPAIR ALL HOLES CREATED BY REMOVAL OF EXISTING MECHANICAL EQUIPMENT, DUCTWORK, AND PIPING.

KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
23.27	EXISTING AIR HANDLER SHALL REMAIN.
D23.02	RELOCATE EXISTING MECHANICAL EQUIPMENT, ASSOCIATED REFRIGERANT LINES, AND OTHER ASSOCIATED ACCESSORIES.
D23.04	RELOCATE AIR HANDLER TO FLOOR MOUNTED INSTALLATION. REMOVE ASSOCIATED PIPING. REFER TO IMPROVEMENT PLANS FOR FURTHER REQUIREMENTS. PROVIDE NECESSARY ACCESSORIES FOR FULL INSTALLATION. FIELD VERIFY EXISTING CONDITIONS.
D23.05	REMOVE ASSOCIATED CONDENSATE AND REFRIGERANT LINES AND PREPARE FOR NEW CONNECTIONS. REFER TO IMPROVEMENT PLANS FOR FURTHER REQUIREMENTS.

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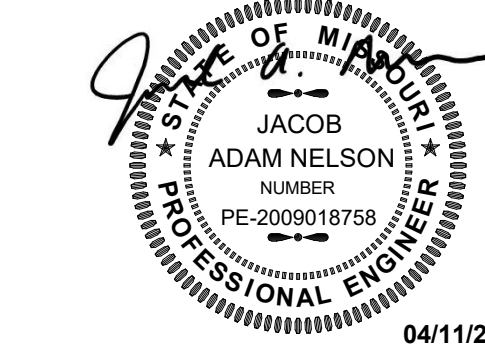
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MO PE-2009018758



JOB NO: 23195  
DRAWN BY: VP  
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DATE: 04/11/2025

**DM001**







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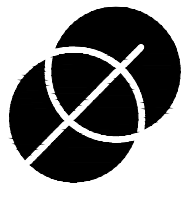
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
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913.317.9390  
MKEC Project No. 2001008964  
Engineering No. 2001008964  
Landscape No. 2008027139  
Surveying No. 2006027138


LEGEND




- TREE AND DIAMETER




- TREE AND DIAMETER




- TREE STUMP AND DIAMETER




- SIGN




- BUSH




- MAIL BOX




- POLE




- GATE




- POST / BOLLARD




- FLAG POLE



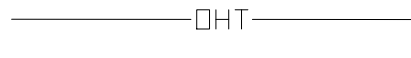
- EDGE OF TREES




- TELEPHONE RISER




- UNDERGROUND TELEPHONE LINE




- OVERHEAD TELEPHONE LINE



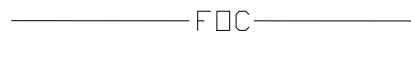
- CABLE TV RISER




- FIBER OPTICS INDICATOR SIGN




- UNDERGROUND CABLE TV LINE




- UNDERGROUND FIBER OPTIC CABLE




- POWER POLE AND DEADMAN




- LIGHT POLE




- ELECTRIC TRANSFORMER




- SCHOOL ZONE SIGNAL LIGHT



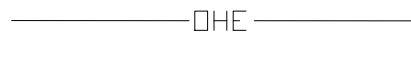
- TRAFFIC CONTROL BOX




- TRAFFIC SIGNAL LIGHT POLE




- UNDERGROUND ELECTRIC LINE



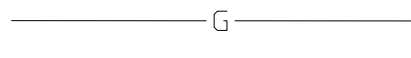
- OVERHEAD ELECTRIC LINE




- GAS METER




- GAS VALVE



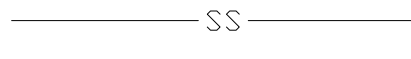
- GAS LINE




- SANITARY SEWER MANHOLE




- CLEANOUT




- SANITARY SEWER LINE




- INLET



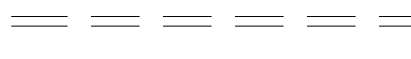
- STORM WATER MANHOLE



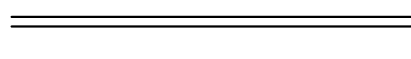
- ROOF DRAIN



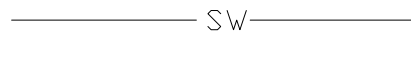
- GRATE INLET



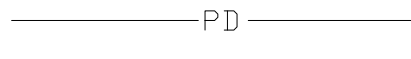
- EXISTING STORM SEWER PIPE




- PROPOSED STORM SEWER PIPE




- ROOF DRAIN LINE




- PERFORATE DRAIN PIPE




- FIRE HYDRANT




- WATER VALVE




- WATER METER



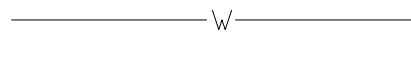
- MONITORING WELL




- WATER METER VAULT




- WATER SPIGOT



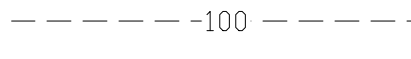
- WATER LINE



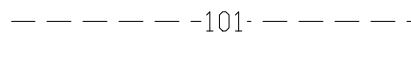
- FIRE PROTECTION LINE



- IRRIGATION CONTROL VALVE



- EXISTING MAJOR CONTOUR



- EXISTING MINOR CONTOUR

GENERAL NOTES:

1.

THE CONTRACTOR, **PRIOR** TO ANY EXCAVATION OR NEW CONSTRUCTION, SHALL HAVE UTILITIES FIELD LOCATED BY THE APPROPRIATE UTILITY COMPANY AND/OR CITY/COUNTY DEPARTMENT.

2.

EXISTING UTILITIES AND THEIR LOCATION, AS SHOWN ON THESE PLANS, REPRESENTS THE BEST INFORMATION AVAILABLE TO THE ENGINEER. LOCATION INFORMATION HAS BEEN OBTAINED FROM THE VARIOUS UTILITY COMPANIES AND IS EITHER FROM COMPANY RECORD DRAWINGS OR COMPANY PROVIDED FIELD LOCATIONS. HOWEVER, ALL UTILITIES ACTUALLY EXISTING MAY NOT BE SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING ALL UTILITIES WHETHER THESE UTILITIES ARE SHOWN ON THE PLANS, NOT SHOWN ON THE PLANS, OR SHOWN INCORRECTLY. UTILITIES DAMAGED THROUGH THE FAILURE OF THE CONTRACTOR TO OBTAIN THE LOCATION OF THOSE UTILITIES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE. THE CONTRACTOR SHALL, PRIOR TO ANY EXCAVATION OR NEW CONSTRUCTION, HAVE ALL UTILITIES FIELD LOCATED BY THE APPROPRIATE UTILITY COMPANY, CITY OR COUNTY DEPARTMENT, OR ONE-CALL SERVICE.

3.

THE SITE PLAN IS BASED ON A SURVEY OF THE SITE. CONDITIONS OF THE SITE AT THE TIME OF CONSTRUCTION MAY VARY FROM THE SURVEYED CONDITIONS. CONTRACTOR TO VERIFY EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION.

4.

ALL MANHOLES, CATCH BASINS, UTILITY VALVES AND METER PITS SHALL BE ADJUSTED OR REBUILT TO GRADE AS REQUIRED.

5.

NO CHANGES TO THE APPROVED CONSTRUCTION PLANS WILL BE PERMITTED WITHOUT PRIOR APPROVAL OF THE DESIGN ENGINEER.

6.

IF BLASTING IS REQUIRED DURING CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE AGENCIES TO OBTAIN THE REQUIRED PERMITS. IF BLASTING IS ALLOWED, THE CONTRACTOR SHALL PERFORM BLASTING OPERATIONS ACCORDING TO STATE REGULATIONS AND LOCAL ORDINANCES.

7.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY PINS. THE CONTRACTOR WILL BE REQUIRED TO RE-ESTABLISH ANY PROPERTY PINS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH PINS SHALL BE RE-ESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.

8.

CONTRACTOR TO HAVE REGISTERED LAND SURVEYOR RESET SECTION CORNER MONUMENT IF DISTURBED DURING CONSTRUCTION.

9.

THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES, DIMENSIONS, AND PLAN SCALES AND SHALL IMMEDIATELY NOTIFY THE OWNER/ENGINEER/ARCHITECT OF ANY SUCH DISCREPANCIES. ALL QUANTITIES, DIMENSIONS, AND PLAN SCALES PROVIDED ARE FOR GENERAL INFORMATION PURPOSES ONLY. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING ALL QUANTITIES NECESSARY FOR THE COMPLETION OF THE WORK AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS, IRRESPECTIVE OF THE QUANTITIES, DIMENSIONS, AND PLAN SCALES NOTED, NOT NOTED, OR NOTED INCORRECTLY.

10.

ANY CURB, GUTTER, SIDEWALKS, AND PAVING THAT IS DAMAGED IN EXCESS OF THE CONSTRUCTION SHOWN IN THIS PLAN SET SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.

11.

ALL REMOVALS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF PER APPLICABLE STANDARDS (UNLESS OTHERWISE NOTED).

12.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TRAFFIC CONTROL WHEN WORKING WITHIN THE PUBLIC RIGHT-OF-WAY. ALL SUCH TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL" AND/OR LOCAL JURISDICTION SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL ENSURE ALL TRAFFIC CONTROL DEVICES ARE CLEAN, PROPERLY VISIBLE, OPERATING CORRECTLY, AND LOCATED PROPERLY. THE CONTRACTOR SHALL IMMEDIATELY REPLACE ANY DAMAGED, DEFACED, OR INOPERABLE, OR MISSING TRAFFIC CONTROL DEVICES.

13.

THE CONTRACTOR IS TO PROVIDE PERMANENT SEEDING, FERTILIZING, MULCHING OR SODDING OF ALL DISTURBED AREAS. THIS WORK TO BE DONE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

14.

ALL SITE WORK FOR THIS PROJECT IS CONSIDERED "UNCLASSIFIED." THE TERM "UNCLASSIFIED" EXCAVATION SHALL BE DEFINED AS MEANING THE SITE CONTRACTOR BEARS THE ENTIRE RISK OF THE SOIL QUANTITIES AND/OR TYPES (E.G. ROCK, CLAY, PEAT, SILT, SHALE, ETC.) ENCOUNTERED ABOVE THE BOTTOM OF REQUIRED EXCAVATIONS AND OVER-EXCAVATED / TREATED SOILS AREAS. ABOVE THE BOTTOM OF REQUIRED EXCAVATIONS, THE SITE CONTRACTOR SHALL BEAR THE ENTIRE COST OF SUCH ADDITIONAL WORK IN THE EVENT IT BECOMES NECESSARY FOR UNSUITABLE SOILS TO BE HANDLED, REMOVED FROM THE SITE, OR FOR SUITABLE FILL MATERIAL TO BE IMPORTED TO THE SITE. THIS DEFINITION OF "UNCLASSIFIED" SUPERSEDES ANY CONTRARY DEFINITIONS OR STATEMENTS WHICH MAY BE CONTAINED IN THE SPECIFICATIONS, PLANS, OR OTHER CONTRACT DOCUMENTS. THE UNCLASSIFIED SITE SHALL INCLUDE ALL WORK ABOVE THE BOTTOM OF REQUIRED EXCAVATIONS AND/OR REQUIRED SOIL REMEDIATION/REPLACEMENT.

15.

RETAINING WALLS SHOWN ON THE PLANS SHALL BE MODULAR BLOCK UNLESS OTHERWISE NOTED. THE ENGINEER WHOSE SEAL APPEARS ON THESE PLANS IS NOT RESPONSIBLE FOR THE DESIGN, STRUCTURAL INTEGRITY, OR SUITABILITY OF ANY RETAINING WALLS. THE BOTTOM OF WALL ELEVATIONS LISTED ON THESE PLANS ARE FINISHED GRADES AT THE WALL. ANY AMOUNT OF WALL AND FOOTINGS BELOW FINISHED GRADE REQUIRED BY THE RETAINING WALL DESIGN SHALL BE INSTALLED. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN OF ALL RETAINING WALLS AND SHALL SUBMIT CONSTRUCTION PLANS, SHOP DRAWINGS, AND DETAILS TO THE ARCHITECT/OWNER FOR REVIEW AND APPROVAL. THE WALL DESIGN SHALL INCLUDE A GLOBAL STABILITY ANALYSIS. WALL LOADING SHALL INCLUDE A MINIMUM SURCHARGE LOAD OF TWICE THE SOIL UNIT WEIGHT PER SQUARE FOOT OR APPLICABLE AASHTO VEHICLE LOADING, WHICHEVER IS APPLICABLE OR GREATER.

16.

REFER TO ARCHITECTURAL PLANS FOR ALL BUILDING DIMENSIONS AND LAYOUT. BUILDING SHALL NOT BE STAKED FROM CIVIL DRAWINGS.

17.

PROPOSED CONTOURS SHOWN ON THESE PLANS ARE FINAL SURFACE CONTOURS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ADJUSTMENTS FOR PAVEMENT THICKNESS, SUBGRADE THICKNESS, TOPSOIL, REMOVALS, ETC.

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Architecture # 0000181  
Structure # 200601333

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architects™


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CONSTRUCTION DOCUMENTS

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**1712 S Lafayette Ave.**  
**Sedalia, MO 65301**

REVISIONS:

#	Description	Date



**BRADEN L. TAYLOR, P.E.**  
**LICS #2021001896**

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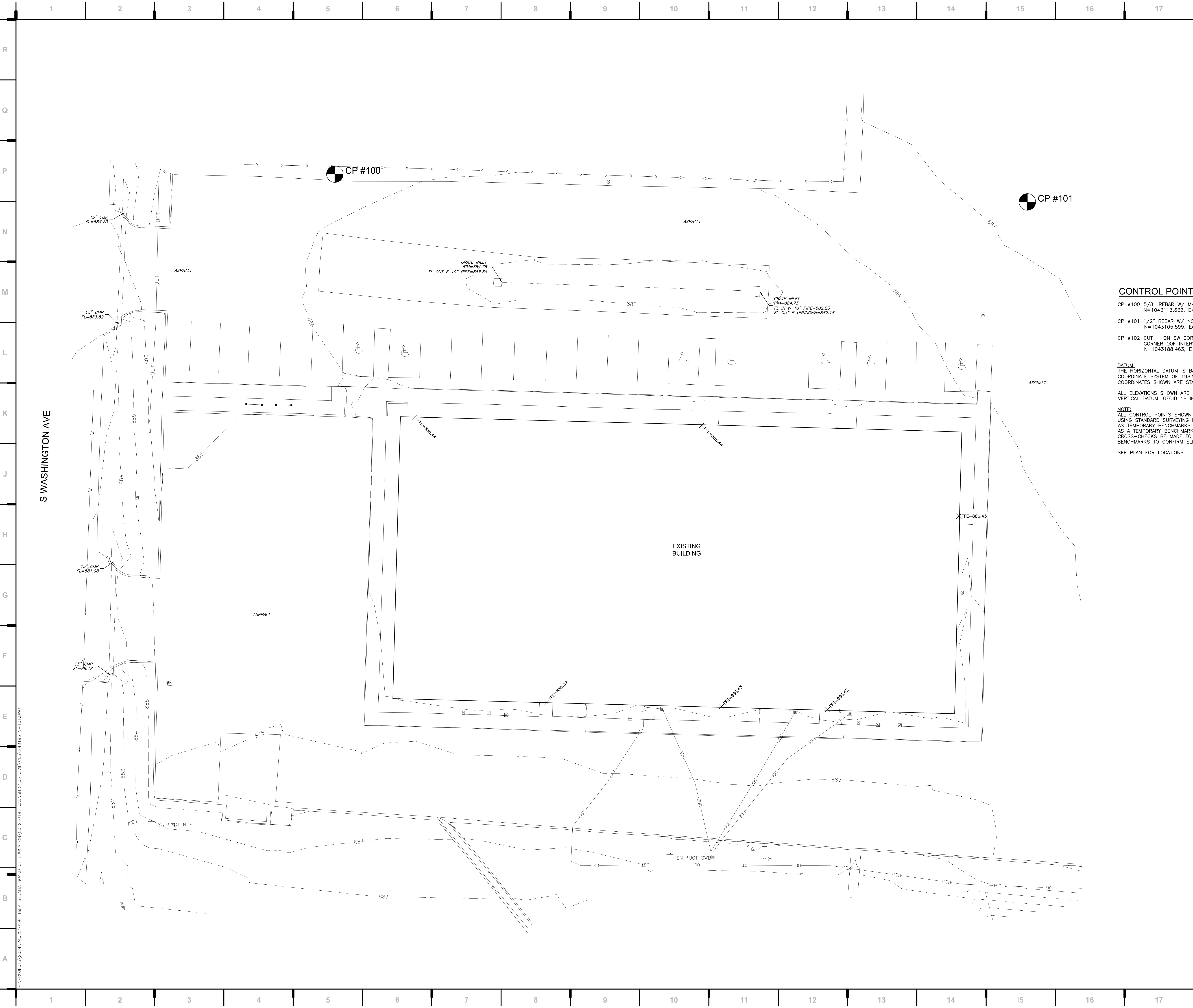
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CIVIL INFORMATION SHEET





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### CONTROL POINTS & BENCHMARKS

- CP #100 5/8" REBAR W/ MKEC DESIGN CAP.  
N=1043113.632, E=1433519.408, ELEV.=886.48
- CP #101 1/2" REBAR W/ NO CAP.  
N=1043105.599, E=1433719.263, ELEV.=887.13
- CP #102 CUT + ON SW CORNER OF CURB INLET SW  
CORNER OOF INTERSECTION, 17TH AND LAFAYETTE.  
N=1043188.463, E=1433763.574, ELEV.=887.83

**DATUM:**  
THE HORIZONTAL DATUM IS BASED ON THE MISSOURI  
COORDINATE SYSTEM OF 1983, NAD83(2011), CENTRAL ZONE.  
COORDINATES SHOWN ARE STATE PLANE VALUES IN US FEET.

ALL ELEVATIONS SHOWN ARE BASED ON THE NAVD 88  
VERTICAL DATUM, GEOID 18 IN US FEET.

**NOTE:**  
ALL CONTROL POINTS SHOWN HAVE ELEVATIONS ESTABLISHED  
USING STANDARD SURVEYING PROCEDURES AND CAN BE USED  
AS TEMPORARY BENCHMARKS. WHEN USING A CONTROL POINT  
AS A TEMPORARY BENCHMARK, IT IS RECOMMENDED THAT  
CROSS-CHECKS BE MADE TO OTHER CONTROL POINTS OR  
BENCHMARKS TO CONFIRM ELEVATIONS PRIOR TO USE.

SEE PLAN FOR LOCATIONS.

### Sedalia Central Office Relocation

Sedalia School District 200  
1712 S Lafayette Ave.  
Sedalia, MO 65301

#### REVISIONS:

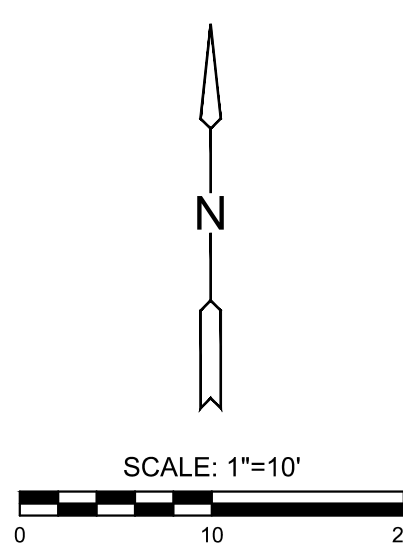
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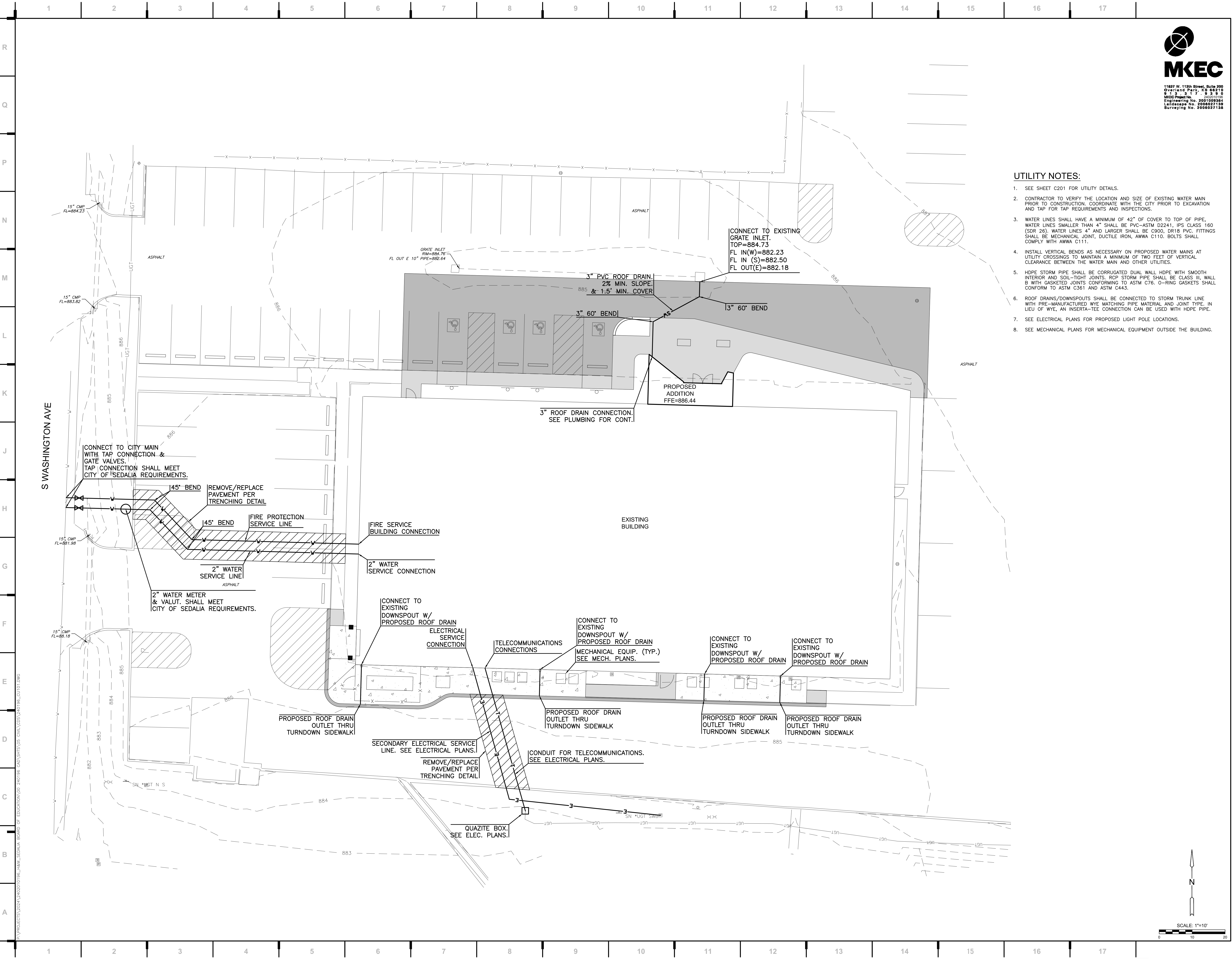
BRADEN L. TAYLOR, P.E.  
LIC# #2021001896

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MEP Engineer  
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www.true-mep.com

UTILITY NOTES:

- SEE SHEET C201 FOR UTILITY DETAILS.
- CONTRACTOR TO VERIFY THE LOCATION AND SIZE OF EXISTING WATER MAIN PRIOR TO CONSTRUCTION. COORDINATE WITH THE CITY PRIOR TO EXCAVATION AND TAP FOR TAP REQUIREMENTS AND INSPECTIONS.
- WATER LINES SHALL HAVE A MINIMUM OF 42" OF COVER TO TOP OF PIPE. WATER LINES SMALLER THAN 4" SHALL BE PVC-ASTM D2241, IPS CLASS 150 (SDR 26). WATER LINES 4" AND LARGER SHALL BE C900, DR18 PVC. FITTINGS SHALL BE MECHANICAL JOINT, DUCTILE IRON, AWWA C110. BOLTS SHALL COMPLY WITH AWWA C111.
- INSTALL VERTICAL BENDS AS NECESSARY ON PROPOSED WATER MAINS AT UTILITY CROSSINGS TO MAINTAIN A MINIMUM OF TWO FEET OF VERTICAL CLEARANCE BETWEEN THE WATER MAIN AND OTHER UTILITIES.
- HDPE STORM PIPE SHALL BE CORRUGATED DUAL WALL HDPE WITH SMOOTH INTERIOR AND SOIL-TIGHT JOINTS. RCP STORM PIPE SHALL BE CLASS III, WALL B WITH GASKETED JOINTS CONFORMING TO ASTM C76. O-RING GASKETS SHALL CONFORM TO ASTM C361 AND ASTM C443.
- ROOF DRAINS/DOWNSPOUTS SHALL BE CONNECTED TO STORM TRUNK LINE WITH PRE-MANUFACTURED WYE MATCHING PIPE MATERIAL AND JOINT TYPE. IN LIEU OF WYE, AN INSERTA-TEE CONNECTION CAN BE USED WITH HDPE PIPE.
- SEE ELECTRICAL PLANS FOR PROPOSED LIGHT POLE LOCATIONS.
- SEE MECHANICAL PLANS FOR MECHANICAL EQUIPMENT OUTSIDE THE BUILDING.

Sedalia Central Office Relocation

Sedalia School District 200

1712 S Lafayette Ave.  
Sedalia, MO 65301

REVISIONS:

#	Description	Date

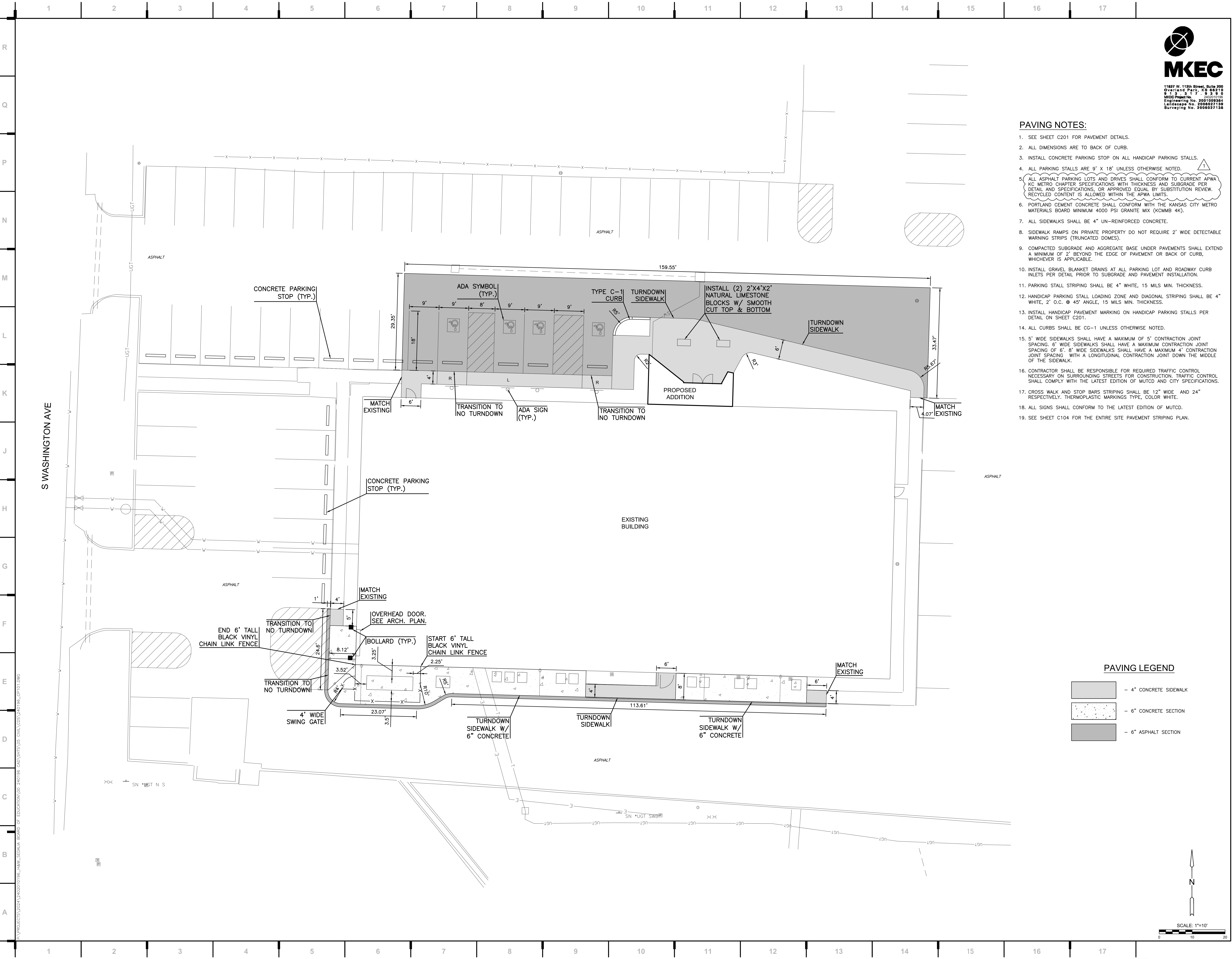


BRADEN L. TAYLOR, P.E.  
LIC# #2021001896

JOB NO: 23195  
DRAWN BY: JLB  
CHECKED BY: BLT  
DATE: 04.11.2025

C102



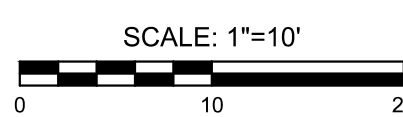


PAVING NOTES:

1. SEE SHEET C201 FOR PAVEMENT DETAILS.
2. ALL DIMENSIONS ARE TO BACK OF CURB.
3. INSTALL CONCRETE PARKING STOP ON ALL HANDICAP PARKING STALLS.
4. ALL PARKING STALLS ARE 9' X 18' UNLESS OTHERWISE NOTED.
5. ALL ASPHALT PARKING LOTS AND DRIVES SHALL CONFORM TO CURRENT APWA KC METRO CHAPTER SPECIFICATIONS WITH THICKNESS AND SUBGRADE PER DETAIL AND SPECIFICATIONS, OR APPROVED EQUAL BY SUBSTITUTION REVIEW. RECYCLED CONTENT IS ALLOWED WITHIN THE APWA LIMITS.
6. PORTLAND CEMENT CONCRETE SHALL CONFORM WITH THE KANSAS CITY METRO MATERIALS BOARD MINIMUM 4000 PSI GRANITE MIX (KCMMB 4K).
7. ALL SIDEWALKS SHALL BE 4" UN-REINFORCED CONCRETE.
8. SIDEWALK RAMP ON PRIVATE PROPERTY DO NOT REQUIRE 2" WIDE DETECTABLE WARNING STRIPS (TRUNCATED DOMES).
9. COMPACTED SUBGRADE AND AGGREGATE BASE UNDER PAVEMENTS SHALL EXTEND A MINIMUM OF 2' BEYOND THE EDGE OF PAVEMENT OR BACK OF CURB, WHICHEVER IS APPLICABLE.
10. INSTALL GRAVEL BLANKET DRAINS AT ALL PARKING LOT AND ROADWAY CURB INLETS PER DETAIL PRIOR TO SUBGRADE AND PAVEMENT INSTALLATION.
11. PARKING STALL STRIPING SHALL BE 4" WHITE, 15 MILS MIN. THICKNESS.
12. HANDICAP PARKING STALL LOADING ZONE AND DIAGONAL STRIPING SHALL BE 4" WHITE, 2' O.C. @ 45° ANGLE, 15 MILS MIN. THICKNESS.
13. INSTALL HANDICAP PAVEMENT MARKING ON HANDICAP PARKING STALLS PER DETAIL ON SHEET C201.
14. ALL CURBS SHALL BE CG-1 UNLESS OTHERWISE NOTED.
15. 5' WIDE SIDEWALKS SHALL HAVE A MAXIMUM OF 5' CONTRACTION JOINT SPACING. 6' WIDE SIDEWALKS SHALL HAVE A MAXIMUM CONTRACTION JOINT SPACING OF 6'. 8' WIDE SIDEWALKS SHALL HAVE A MAXIMUM 4' CONTRACTION JOINT SPACING WITH A LONGITUDINAL CONTRACTION JOINT DOWN THE MIDDLE OF THE SIDEWALK.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR REQUIRED TRAFFIC CONTROL NECESSARY ON SURROUNDING STREETS FOR CONSTRUCTION. TRAFFIC CONTROL SHALL COMPLY WITH THE LATEST EDITION OF MUTCD AND CITY SPECIFICATIONS.
17. CROSS WALK AND STOP BARS STRIPING SHALL BE 12" WIDE AND 24" RESPECTIVELY. THERMOPLASTIC MARKINGS TYPE, COLOR WHITE.
18. ALL SIGNS SHALL CONFORM TO THE LATEST EDITION OF MUTCD.
19. SEE SHEET C104 FOR THE ENTIRE SITE PAVEMENT STRIPING PLAN.

PAVING LEGEND

- 4" CONCRETE SIDEWALK
- 6" CONCRETE SECTION
- 6" ASPHALT SECTION



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1	ADDENDUM 3	05.08.2024

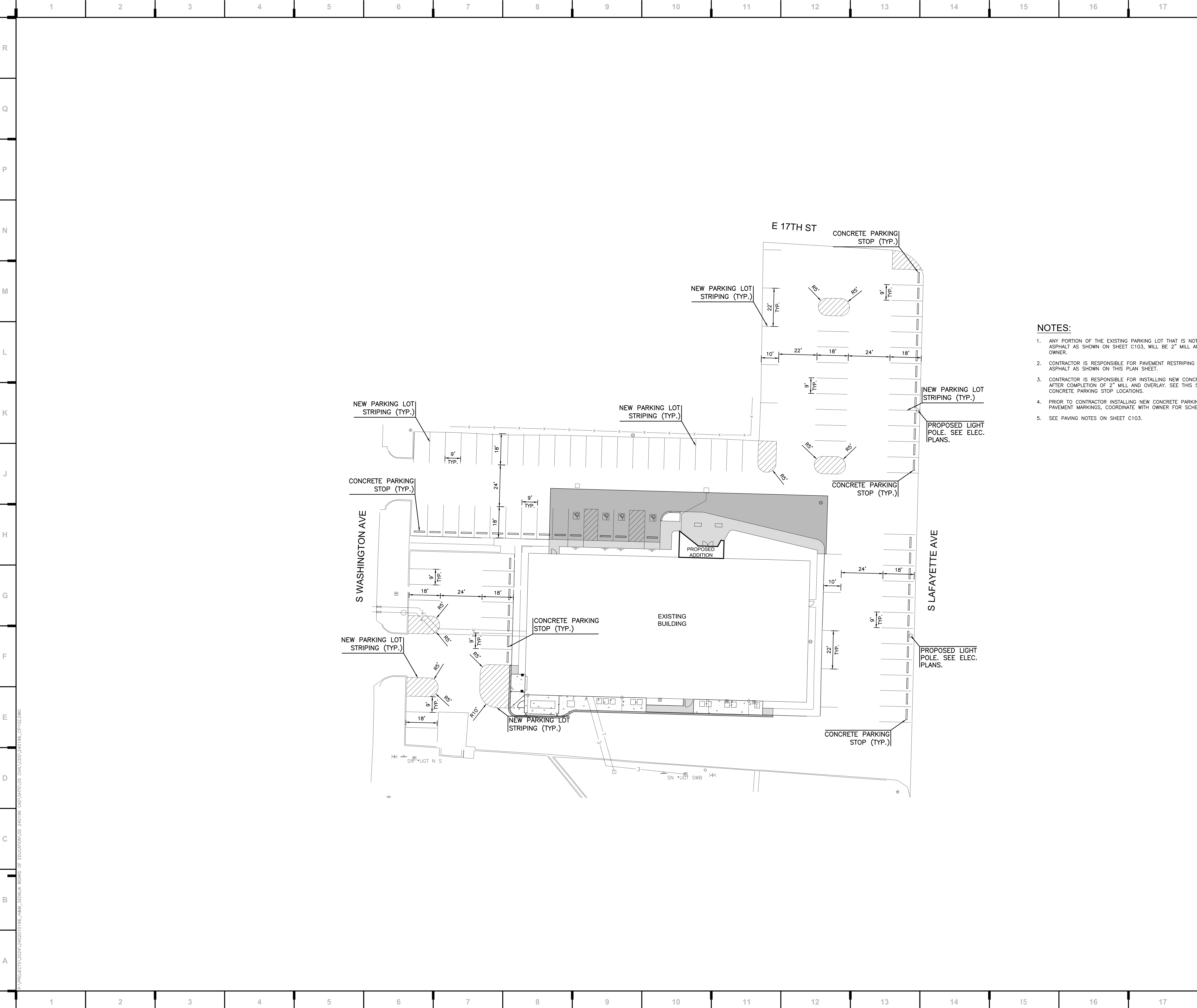


BRADEN L. TAYLOR, P.E.  
LIC# #2021001896

JOB NO: 23195  
DRAWN BY: JLB  
CHECKED BY: BLT  
DATE: 04.11.2025

**C103**





- NOTES:**
1. ANY PORTION OF THE EXISTING PARKING LOT THAT IS NOT FULL DEPTH ASPHALT AS SHOWN ON SHEET C103, WILL BE 2" MILL AND OVERLAD, BY OWNER.
  2. CONTRACTOR IS RESPONSIBLE FOR PAVEMENT RESTRIPIING ENTIRE NEW ASPHALT AS SHOWN ON THIS PLAN SHEET.
  3. CONTRACTOR IS RESPONSIBLE FOR INSTALLING NEW CONCRETE PARKING STOP AFTER COMPLETION OF 2" MILL AND OVERLAY. SEE THIS SHEET FOR ALL NEW CONCRETE PARKING STOP LOCATIONS.
  4. PRIOR TO CONTRACTOR INSTALLING NEW CONCRETE PARKING STOPS OR PAVEMENT MARKINGS, COORDINATE WITH OWNER FOR SCHEDULE AND TIMING.
  5. SEE PAVING NOTES ON SHEET C103.



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**REVISIONS:**

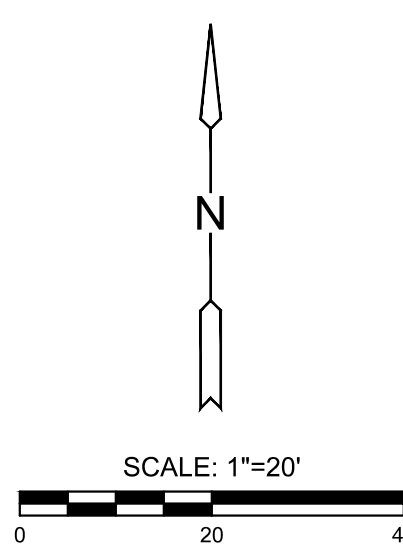
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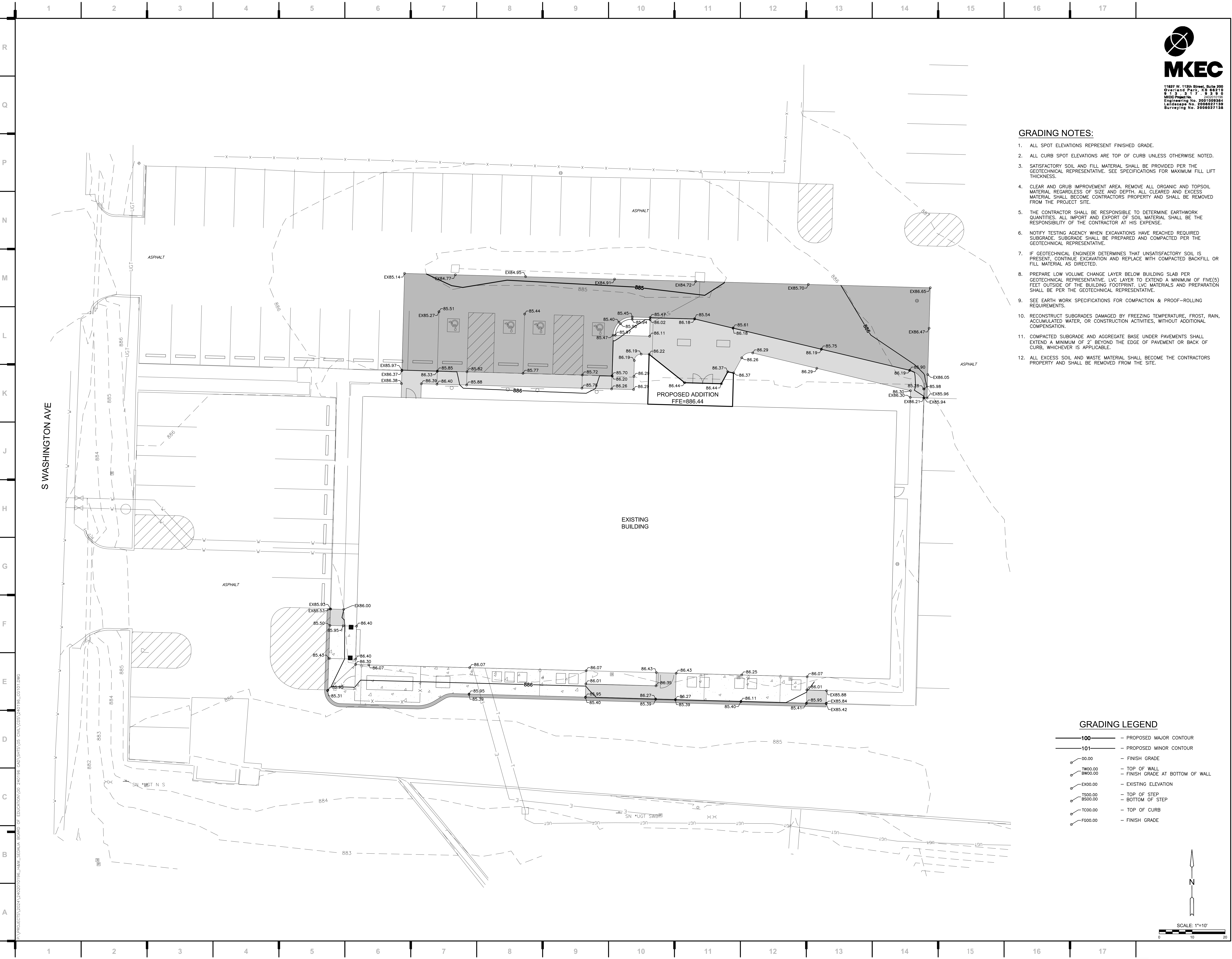
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**C104**





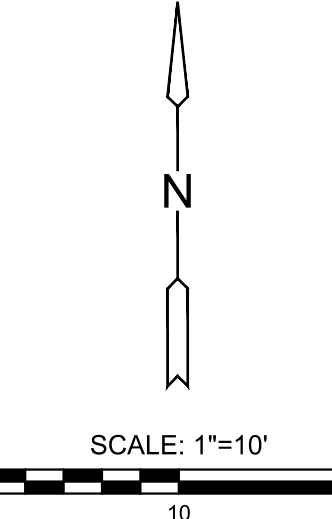


### GRADING NOTES:

- ALL SPOT ELEVATIONS REPRESENT FINISHED GRADE.
- ALL CURB SPOT ELEVATIONS ARE TOP OF CURB UNLESS OTHERWISE NOTED.
- SATISFACTORY SOIL AND FILL MATERIAL SHALL BE PROVIDED PER THE GEOTECHNICAL REPRESENTATIVE. SEE SPECIFICATIONS FOR MAXIMUM FILL LIFT THICKNESS.
- CLEAR AND GRUB IMPROVEMENT AREA. REMOVE ALL ORGANIC AND TOPSOIL MATERIAL REGARDLESS OF SIZE AND DEPTH. ALL CLEARED AND EXCESS MATERIAL SHALL BECOME CONTRACTORS PROPERTY AND SHALL BE REMOVED FROM THE PROJECT SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO DETERMINE EARTHWORK QUANTITIES. ALL IMPORT AND EXPORT OF SOIL MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
- NOTIFY TESTING AGENCY WHEN EXCAVATIONS HAVE REACHED REQUIRED SUBGRADE. SUBGRADE SHALL BE PREPARED AND COMPACTED PER THE GEOTECHNICAL REPRESENTATIVE.
- IF GEOTECHNICAL ENGINEER DETERMINES THAT UNSATISFACTORY SOIL IS PRESENT, CONTINUE EXCAVATION AND REPLACE WITH COMPACTED BACKFILL OR FILL MATERIAL AS DIRECTED.
- PREPARE LOW VOLUME CHANGE LAYER BELOW BUILDING SLAB PER GEOTECHNICAL REPRESENTATIVE. LVC LAYER TO EXTEND A MINIMUM OF FIVE(5) FEET OUTSIDE OF THE BUILDING FOOTPRINT. LVC MATERIALS AND PREPARATION SHALL BE PER THE GEOTECHNICAL REPRESENTATIVE.
- SEE EARTH WORK SPECIFICATIONS FOR COMPACTION & PROOF-ROLLING REQUIREMENTS.
- RECONSTRUCT SUBGRADES DAMAGED BY FREEZING TEMPERATURE, FROST, RAIN, ACCUMULATED WATER, OR CONSTRUCTION ACTIVITIES, WITHOUT ADDITIONAL COMPENSATION.
- COMPACTED SUBGRADE AND AGGREGATE BASE UNDER PAVEMENTS SHALL EXTEND A MINIMUM OF 2' BEYOND THE EDGE OF PAVEMENT OR BACK OF CURB, WHICHEVER IS APPLICABLE.
- ALL EXCESS SOIL AND WASTE MATERIAL SHALL BECOME THE CONTRACTORS PROPERTY AND SHALL BE REMOVED FROM THE SITE.

### GRADING LEGEND

- 100 — PROPOSED MAJOR CONTOUR
- 101 — PROPOSED MINOR CONTOUR
- 00.00 — FINISH GRADE
- TW00.00 — TOP OF WALL
- BW00.00 — FINISH GRADE AT BOTTOM OF WALL
- EX00.00 — EXISTING ELEVATION
- TS00.00 — TOP OF STEP
- BS00.00 — BOTTOM OF STEP
- TC00.00 — TOP OF CURB
- FG00.00 — FINISH GRADE



## Sedalia Central Office Relocation

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# C105

GRADING PLAN

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CONSTRUCTION  
DOCUMENTS

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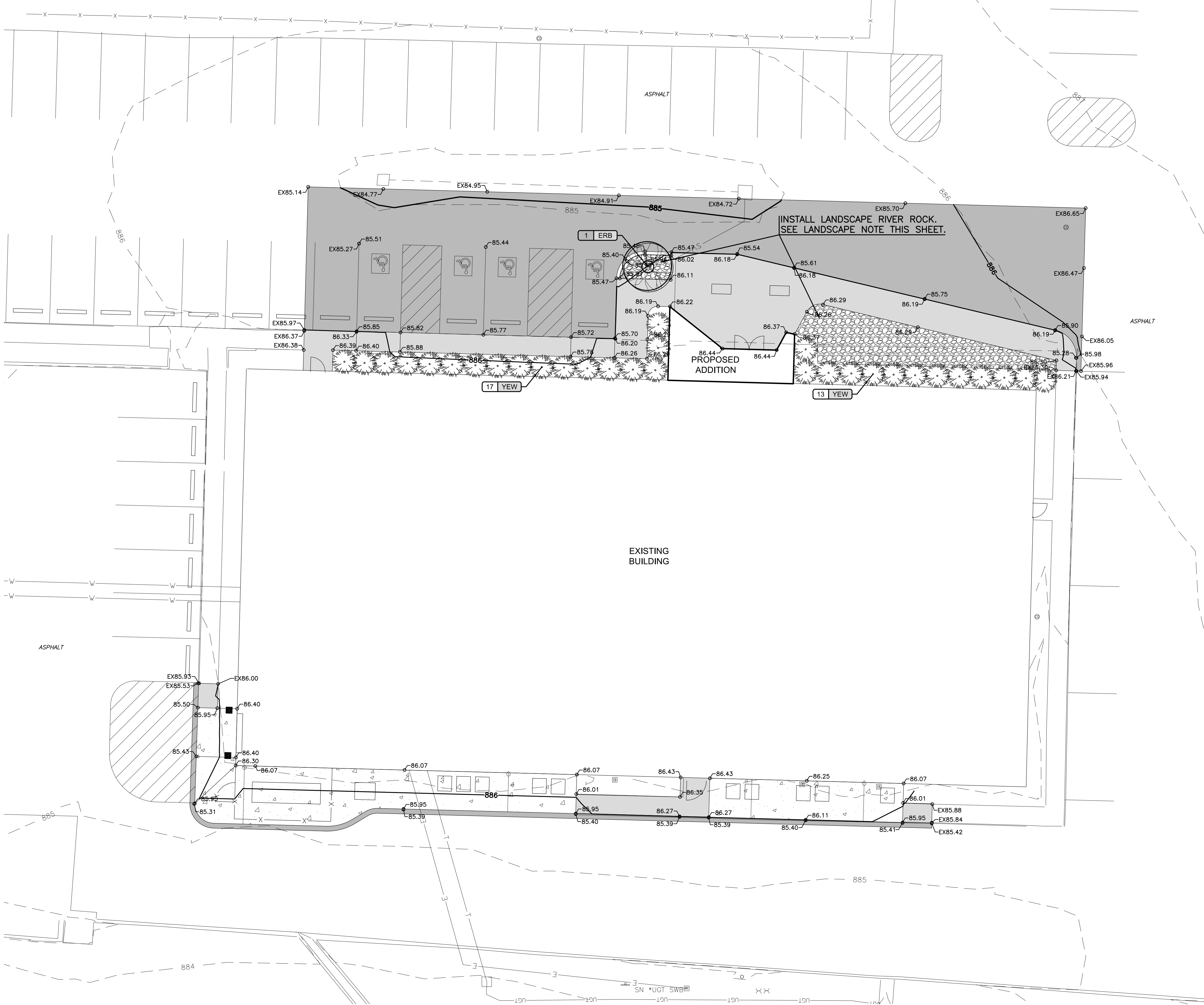






GENERAL LANDSCAPE NOTES

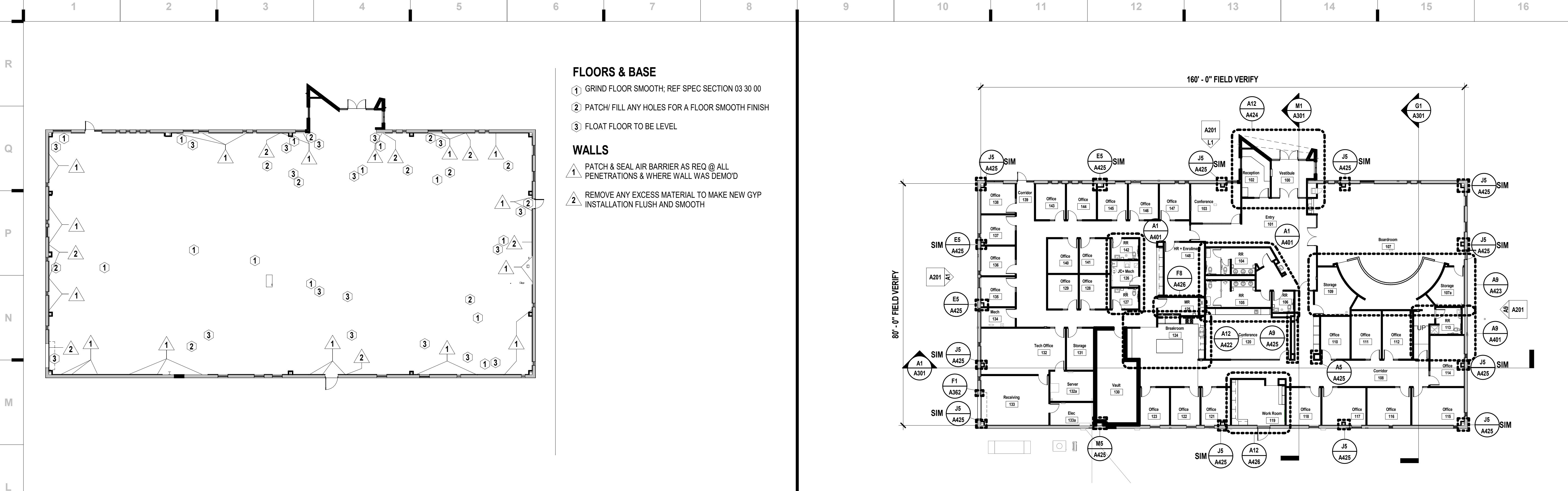
- THE LANDSCAPE CONTRACTOR SHOULD READ ALL LANDSCAPE PLANS, SPECIFICATIONS AND VISIT THE PROJECT SITE TO BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO BIDDING THIS PROJECT. IF A DISCREPANCY BETWEEN PLANT QUANTITIES SHOWN ON PLANS AND WITHIN THE PLANT SCHEDULE EXIST THE PLANS QUANTITIES SHALL BE USED. PLANT SCHEDULE QUANTITIES FOR INFORMATION ONLY.
- ANY AND ALL QUESTIONS CONCERNING THE LANDSCAPE PLANS AND SPECIFICATIONS SHALL BE DIRECTED TO THE OWNER AND / OR MKEC LANDSCAPE ARCHITECT AT 913-317-9390.
- THE LANDSCAPE CONTRACTOR IS TO VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES (INCLUDING THOSE INDICATED ON THE PLAN) PRIOR TO INSTALLATION OF PLANT MATERIAL.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING, MULCHING, AND OTHER REQUIREMENTS OF PLANT MATERIALS WHILE THEY ARE TEMPORARILY STORED ON OR OFF SITE.
- THE LANDSCAPE CONTRACTOR SHALL COORDINATE LAYOUT OF PLANTING BEDS, PLANT MASSING, STAKED LOCATION OF TREES AND INSTALLATION OF PLANT MATERIAL WITH OWNER PRIOR TO COMMENCEMENT OF WORK.
- ALL PLANT MATERIAL (EXCEPT SHADE TREES) IS DELINEATED AT MATURE SIZE OF PLANT MATERIAL. SHADE TREES ARE DELINEATED AT 85% OF ACTUAL MATURE SIZE.
- ALL PLANT MATERIALS MEET THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1-1996) PER THE AMERICAN ASSOCIATION OF NURSERMEN.
- PER OWNER'S DIRECTION, THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO INSPECT ALL PLANT MATERIAL AT THE NURSERY, PRIOR TO DIGGING.
- AREAS DISTURBED AREAS SHALL BE "FESCUE TURF" AND ARE TO RECEIVE SOD OR SEED AS FOLLOWS:  
SOD / SEED, FESCUE TURF, SUBMIT SPECIES AND INSTALLATION TECHNIQUE FOR APPROVAL BY LANDSCAPE ARCHITECT AND SCHOOL DISTRICT.  
FERTILIZER: HAVE SOIL TESTED TO OBTAIN RECOMMENDED SOIL AMENDMENTS FOR THE GRASSES LISTED. REPORT RECOMMENDATIONS TO THE LANDSCAPE ARCHITECT FOR APPROVAL BEFORE ANY APPLICATION OF FERTILIZER IS MADE.
- CONDUCT PLANTING UNDER FAVORABLE WEATHER CONDITIONS DURING EITHER THE SPRING PLANTING SEASON, MARCH 1ST TO JUNE 1ST, OR THE FALL PLANTING SEASON, SEPTEMBER 30TH UNTIL FREEZING OF THE GROUND. DURING THE FALL PLANTING SEASON, CONFEROUS MATERIAL PLANTING SHALL BE CONDUCTED AUGUST 15TH TO OCTOBER 1ST. DEVIATION FROM THE ABOVE PLANTING DATES WILL ONLY BE PERMITTED WITH APPROVAL IN WRITING BY THE LANDSCAPE ARCHITECT.
- THE PLANTING SOIL MIXTURE FOR ALL TREE PLANTINGS SHALL INCLUDE SOIL EXCAVATED FROM THE HOLE. RATIO: 50% VIRGIN SOIL + 50% AMENDED TOP SOIL.
- ROOT STIMULATOR SHALL BE APPLIED TO ALL PLANT MATERIALS WITH THE EXCEPTION OF LAWN AREAS. APPLY AS PER THE MANUFACTURERS RECOMMENDATIONS.
- THE LANDSCAPE CONTRACTOR SHALL RESTORE FINISH GRADES IN ALL PLANTING AREAS (PER GRADING PLANS) WHICH MAY HAVE BEEN DISTURBED DURING PLANTING OPERATIONS.
- ALL TREE SAUCERS AND PLANTING BEDS ARE TO BE MULCHED WITH A MINIMUM OF 4" DOUBLE-GROUND OAK MULCH (COLOR DIED); COLOR TO BE "JAVA BROWN". WHERE PLANTING BEDS ARE ADJACENT TO WALKS AND CURBS THE SOIL LEVEL SHALL BE 4" LOWER TO ALLOW FOR MULCH LAYER. WHERE SOD IS INDICATED, ITS THICKNESS SHALL ALSO BE ACCOUNTED FOR SO THAT THE SOIL SURFACE IN THE SOD IS 1/2" BELOW THE HARDSCAPE SURFACE.
- ALL PLANTING BEDS SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE SUCH AS TREFLAN OR EQUAL. APPLY AS PER MANUFACTURER'S RECOMMENDATION. THE PRE-EMERGENT SHALL NOT BE APPLIED UNTIL AFTER ALL PLANTING WITHIN THESE AREAS IS COMPLETE, BUT BEFORE THESE AREAS ARE MULCHED. DO NOT DISTURB AREAS AFTER APPLICATION. WATER AS DIRECTED.
- MULCH, STAKES, GUY WIRE, PRE-EMERGENT HERBICIDES, ETC. SHALL BE SUBSIDIARY TO INDIVIDUAL PLANTS.
- LANDSCAPE EDGING: ALL PLANTING BEDS ABUTTING LAWN AREAS SHALL BE EDGED WITH BLACK STEEL EDGING.
- ALL SLOPES THAT EXCEED A 3:1 GRADE SHALL BE PROTECTED WITH AN EROSION CONTROL BLANKET - NORTH AMERICAN GREEN S150. INSTALL AS PER THE MANUFACTURER'S RECOMMENDATIONS.
- LABEL EACH TREE AND SHRUB WITH A SECURELY ATTACHED, WATERPROOF TAG BEARING LEGIBLE DESIGNATION OF BOTH BOTANICAL AND COMMON NAME. LABEL EACH ORNAMENTAL GRASS, GROUNDCOVER, PERENNIAL AND ANNUAL WITH THE LABEL PROVIDED BY THE ORIGINAL GROWER OF THE PLANT. LABELS SHALL NOT BE REMOVED UNTIL AFTER PROVISIONAL ACCEPTANCE BY THE LANDSCAPE ARCHITECT.
- STAKES AND GUYING SHALL BE REMOVED AT THE END OF ONE FULL GROWING SEASON.
- ALL PLANTING BEDS SHALL BE OVER EXCAVATED TO A DEPTH OF 2'. ALL AREAS DENOTED WITH SOD (LAWN AREAS) SHALL HAVE A 6" MINIMUM TOPSOIL LAYER. TOPSOIL SHALL BE LAID IN 3" LIFTS. IN AREAS WHERE CONSTRUCTION GRADING HAS NOT OCCURED AND THE VIRGIN GRADE YET EXIST, THE TOPSOIL LAYER MAY NOT BE REQUIRED BASED ON THE DECISION OF THE LANDSCAPE ARCHITECT.
- TOPSOIL SHALL BE FERTILE NATURAL TOPSOIL, TYPICAL OF THE LOCALITY, FOLLOWING MAJOR GRADING OPERATIONS THE FINAL 8" LIFT SHALL BE HIGH QUALITY TOPSOIL. SOIL SHALL BE OBTAINED FROM WELL DRAINED AREAS. STOCKPILED TOPSOIL MAY BE USED. IT SHALL BE WITHOUT ADMIXTURE OF SUBSOIL OR SLAG AND SHALL BE FREE OF STONES, LUMPS, STICKS, PLANTS OR THEIR ROOTS, TOXIC SUBSTANCES OR OTHER EXTRANEOUS MATTER THAT MAY BE HARMFUL TO PLANT GROWTH OR WOULD INTERFERE WITH FUTURE MAINTENANCE. TOPSOIL PH RANGE SHALL BE 5.5 TO 7.0.
- THERE SHALL BE NO ADDITIONS, DELETIONS OR SUBSTITUTION OF PLANT MATERIAL SPECIES WITHOUT THE WRITTEN APPROVAL BY THE OWNER AND / OR MKEC LANDSCAPE ARCHITECT. ANY SUBSTITUTION WHICH HAS NOT BEEN APPROVED SHALL BE REMOVED AND IMMEDIATELY REPLACED WITH THE CORRECT PLANT AT LANDSCAPE CONTRACTOR'S EXPENSE.
- THE LANDSCAPE CONTRACTOR WILL BE RESPONSIBLE FOR THE COLLECTION, REMOVAL, AND PROPER DISPOSAL OF ANY AND ALL DEBRIS GENERATED DURING THE INSTALLATION OF THE LANDSCAPE CONSTRUCTION.
- THE CONTRACTOR SHALL FURNISH TOPSOIL; TOPSOIL MUST BE APPROVED BY THE LANDSCAPE ARCHITECT. REFER TO SPECIFICATIONS FOR TOPSOIL REQUIREMENTS.
- THE CONTRACTOR SHALL SUPPLY ALL PLANTING SOIL MIX.
- ALL LANDSCAPE AREAS SHALL BE IRRIGATED BY A TEMPORARY IRRIGATION SYSTEM. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MONITOR INSTALLED PLANT MATERIAL TO ESTABLISHMENT. TO ESTABLISH PLANT MATERIALS, WATER FROM SOURCES AND KEEP LAWN UNIFORMLY MOIST TO A DEPTH OF 4 INCHES. WATER LAWN AND LANDSCAPE BEDS AT A MINIMUM RATE OF (1) ONE INCHES PER WEEK OR AS NECESSARY TO PROVIDE A HEALTHY GREEN APPEARANCE. INSTALLATION, MAINTENANCE, AND MONITORING OF THE TEMPORARY IRRIGATION SYSTEM WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR UNTIL ESTABLISHED AND APPROVED BY SCHOOL DISTRICT. AT THE END OF THE ESTABLISHMENT PERIOD, CONTRACTOR IS TO COORDINATE WITH SCHOOL DISTRICT FOR MAINTENANCE OF PLANT MATERIAL. CONTRACTOR TO REMOVE TEMPORARY IRRIGATION SYSTEM FOLLOWING WRITTEN APPROVAL FROM SCHOOL DISTRICT.
- THE PLANTING SOIL MIX SHALL BE APPROVED BY THE LANDSCAPE CONTRACTOR PRIOR TO ANY BACKFILLING.
- THE TYPICAL PLANTING SOIL MIX FOR ALL PLANTING BEDS (SHRUBS, ORNAMENTAL GRASS AND PERENNIAL BED AREAS) SHALL CONSIST OF THE FOLLOWING MAKE-UP UNLESS OTHERWISE INDICATED IN THESE PLANS:
  - 80% TOPSOIL AS SPECIFIED
  - 20% PREPARED ADDITIVES (BY VOLUME AS FOLLOWS):
    - 2 PARTS HUMAS AND/OR PEAT
    - 1 PART STERILIZED COW MANURE
    - 1 PART SHREDDED PINE BARK (BARK PIECES BETWEEN 3/4" AND 1-1/4" IN LENGTH/DIAMETER.
    - COMMERCIAL FERTILIZER AS RECOMMENDED BY SOIL REPORT.
    - LIME AS RECOMMENDED BY SOIL REPORT.











SHEET KEYNOTE LEGEND

10 44 13.A13 SEMI-RECESSED ALUMINUM CABINET

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L1

Scale

Existing to New Coordination Plan

L7

Scale

Floor Plan - Overall

SHEET NOTES

1. REFER TO SHEET G000 FOR SHEET INDEX
2. DO NOT SCALE THIS DRAWING
3. ALL INTERIOR WALLS ARE WALL TYPE 13b UNLESS NOTED OTHERWISE.
4. NOT USED
5. INTERIOR DIMENSIONS ARE TO THE FOLLOWING, UNLESS NOTED OTHERWISE:

A. TO FACE OF STUD

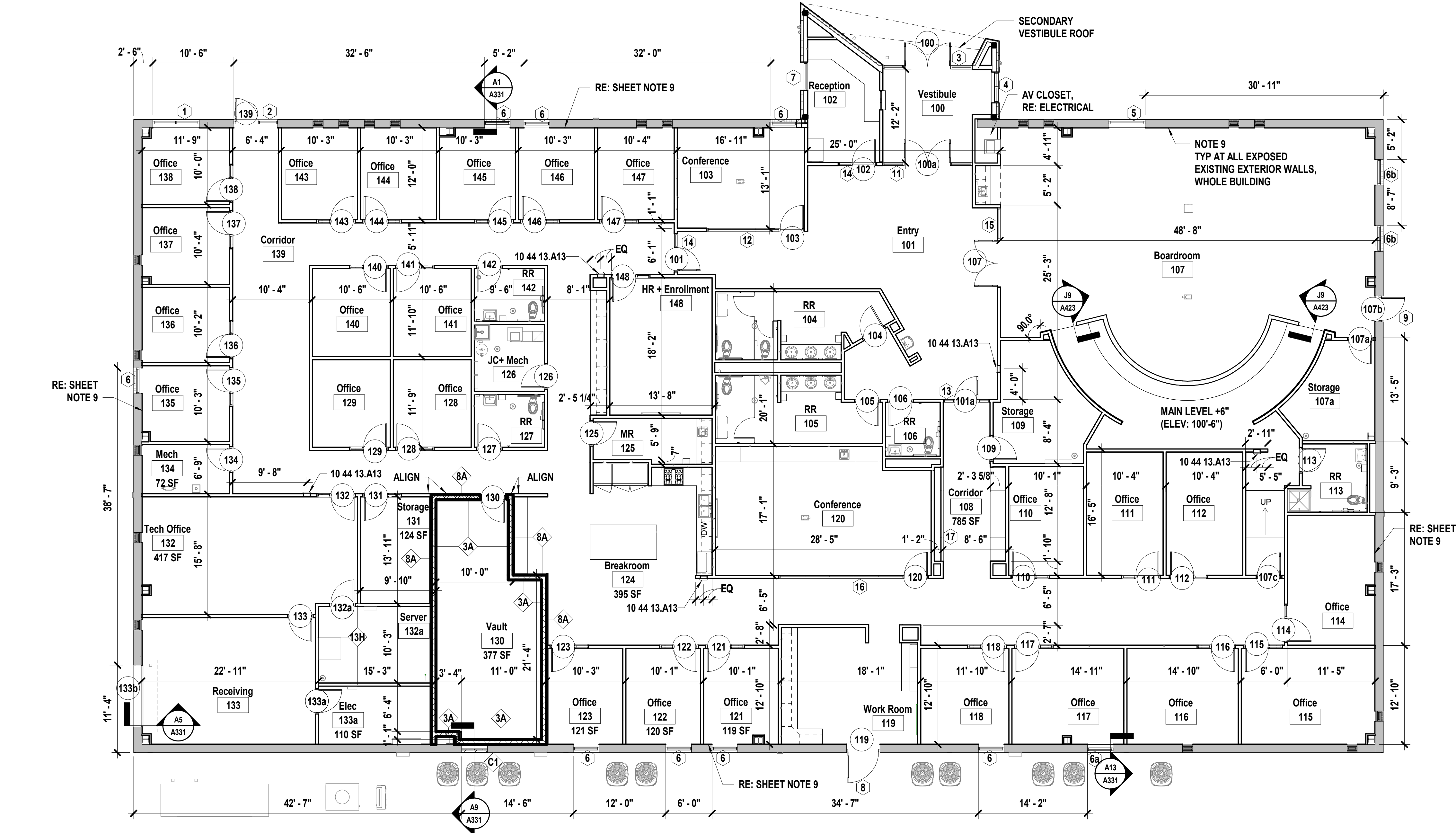
B. TO FACE OF MASONRY UNIT

C. TO FACE OF DOOR AND WINDOW ROUGH OPENINGS
6. EXTERIOR DIMENSIONS ARE TO THE FOLLOWING, UNLESS NOTED OTHERWISE:

A. TO FACE OF STUD

B. TO FACE OF MASONRY UNIT

C. TO FACE OF DOOR AND WINDOW ROUGH OPENINGS
7. COORDINATE LOCATIONS WHERE BACKING IS REQUIRED FOR WALL HUNG CASEWORK, MARKERBOARDS, WALL HUNG ACCESSORIES AND TECHNOLOGY
8. REFER TO A601 FINISH FLOOR PLAN FOR INTERIOR ELEVATION CALLOUTS
9. ADD 1/2" 09 29 00.A06 GYP TO ALL EXPOSED PORTIONS OF EXISTING EXTERIOR WALLS. RETURN GYP TO WINDOW FRAMES.
10. REPLACE EXTERIOR SEALANT AT ALL EXISTING WINDOWS



A1

Scale

Enlarged Floor Plan - Overall



Sedalia Central Office Relocation

Sedalia School District 200

1712 S Lafayette Ave

Sedalia, MO 65301

REVISIONS:		
#	Description	Date



JOB NO: 23195

DRAWN BY: AR

CHECKED BY: JB

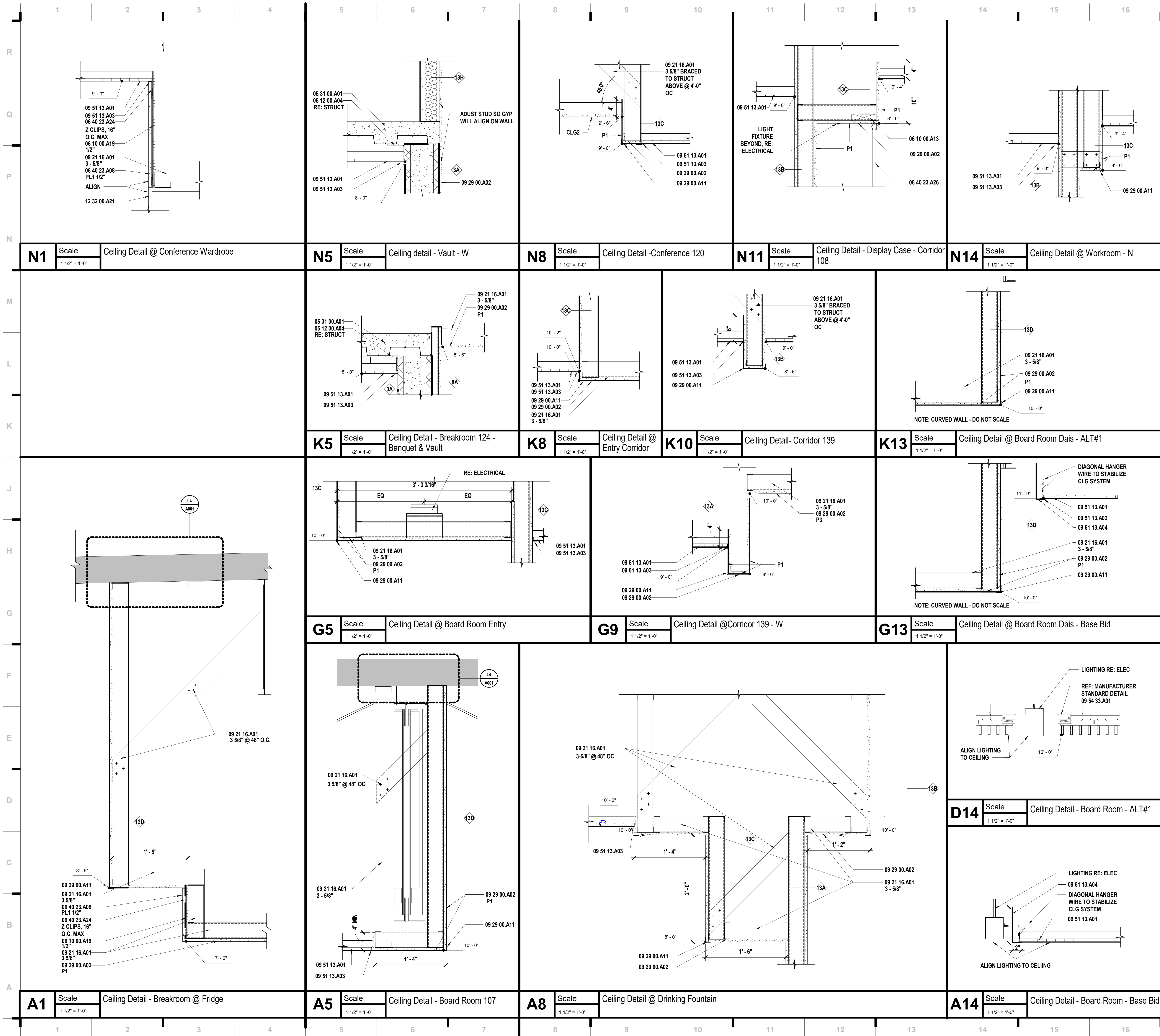
DATE: 04/11/2025

A101









SHEET KEYNOTE LEGEND		
05 12 00.A04	ANGLE	
05 31 00.A01	ROOF DECK	
06 10 00.A13	WOOD BLOCKING/NAILERS	
06 10 00.A19	PLYWOOD BLOCKING AND BACKING PANELS	
06 40 23.A08	PLASTIC LAMINATE-CLAD PANELS	
06 40 23.A24	METAL EDGE TRIM	
06 40 23.A26	SLIDING DISPLAY CASE DOOR SYSTEM	
09 21 16.A01	NON-STRUCTURAL FRAMING	
09 29 00.A02	GYPSON BOARD - TYPE X	
09 29 00.A11	ACOUSTICAL CEILING PANELS	
09 51 13.A02	CEILING SUSPENSION SYSTEM	
09 51 13.A03	EDGE MOLDINGS AND TRIM	
09 51 13.A04	DECORATIVE EDGE TRIM	
12 32 00.A21	TALL CABINET	

#	Description	Date
1	09 51 13.A01	04/11/2025

JOB NO: 23195	DRAWN BY: LB
CHECKED BY: JB	DATE: 04/11/2025

STATE OF MISSOURI  
JULIAN C. GRIFFIN  
NUMBER  
A-2009005512  
ARCHITECT

04/11/2025

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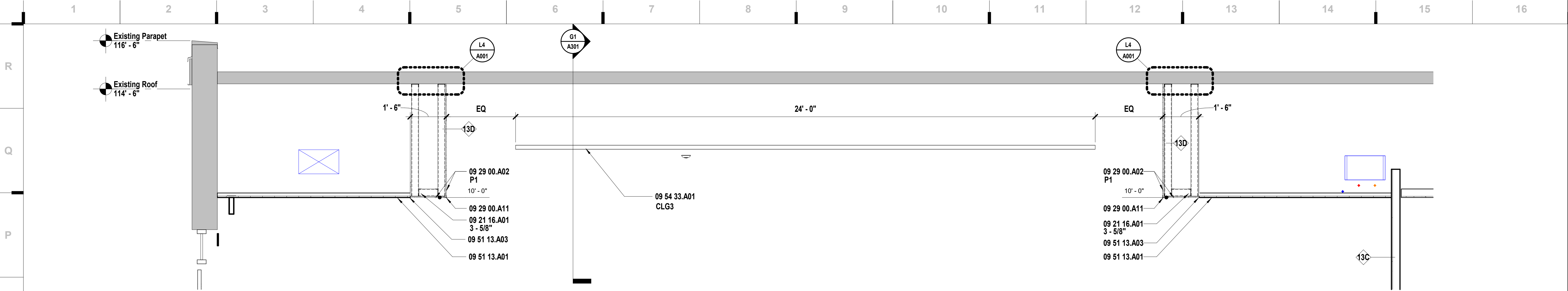
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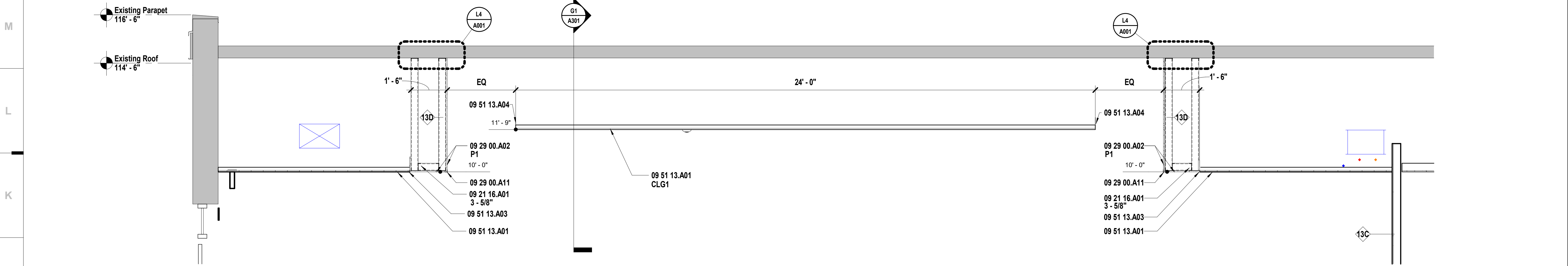
CONSTRUCTION DOCUMENTS

A125

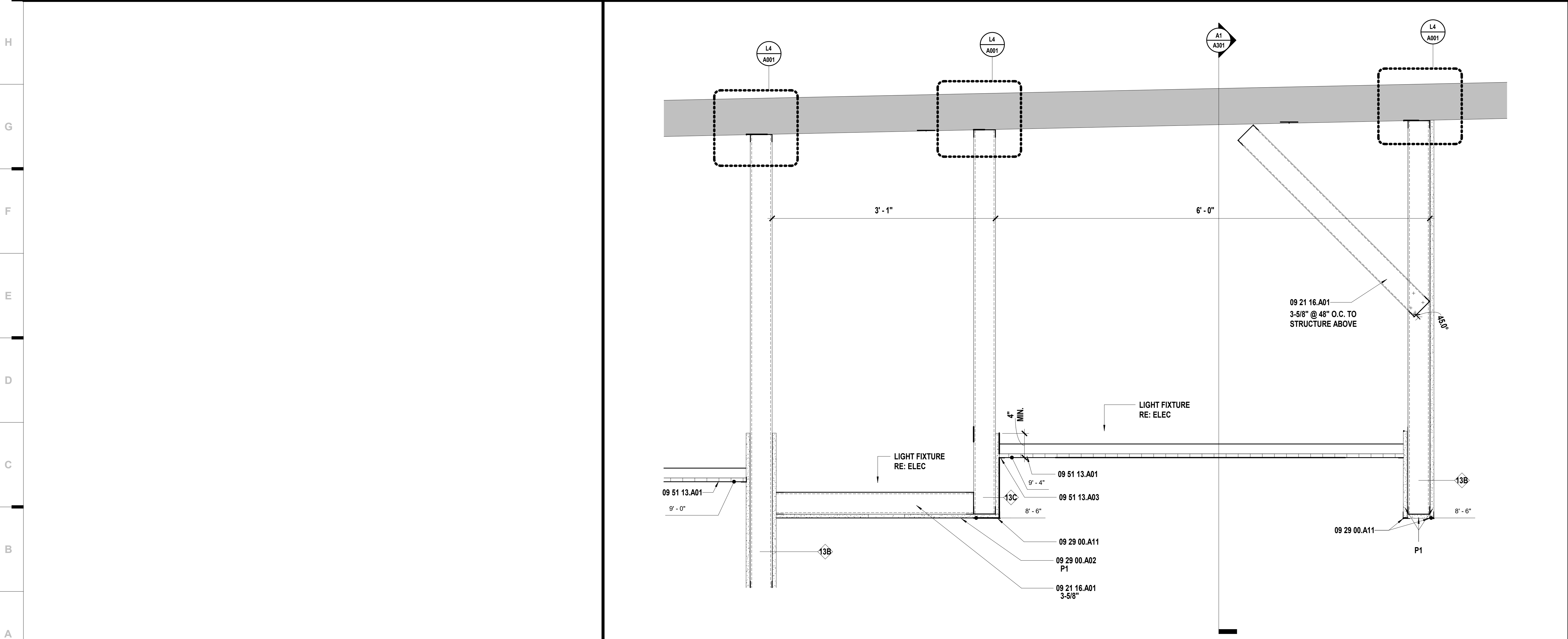




**N1** Scale Section - Board Room 107 Ceiling - ALT #1  
1/2" = 1'-0"



**K1** Scale Section - Board Room 107 Ceiling - Base Bid  
1/2" = 1'-0"



**A7** Scale Section - Office 122 to Corridor 108 to Breakroom 124 Ceiling  
1 1/2" = 1'-0"

## SHEET KEYNOTE LEGEND

09 21 16.A01	NON-STRUCTURAL FRAMING
09 29 00.A02	GYPSUM BOARD - TYPE X
09 29 00.A11	GYPSUM BOARD TRIM
09 51 13.A01	ACOUSTICAL CEILING PANELS
09 51 13.A03	EDGE MOLDINGS AND TRIM
09 51 13.A04	DECORATIVE EDGE TRIM
09 54 33.A01	DECORATIVE CEILING SYSTEM

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### REVISIONS:

#	Description	Date
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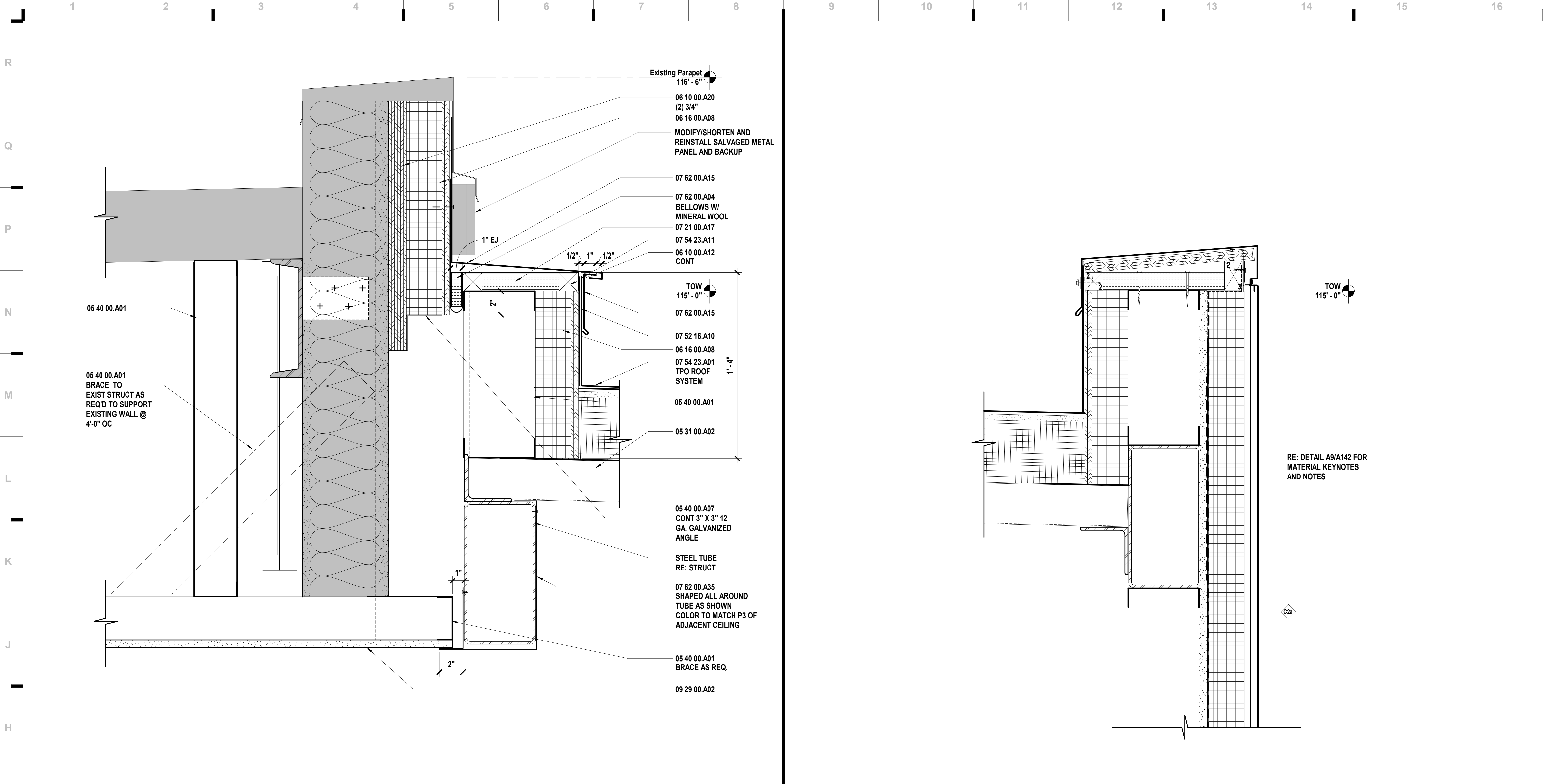
JOB NO: 23195  
DRAWN BY: LB  
CHECKED BY: JB  
DATE: 04/11/2025

**A126**



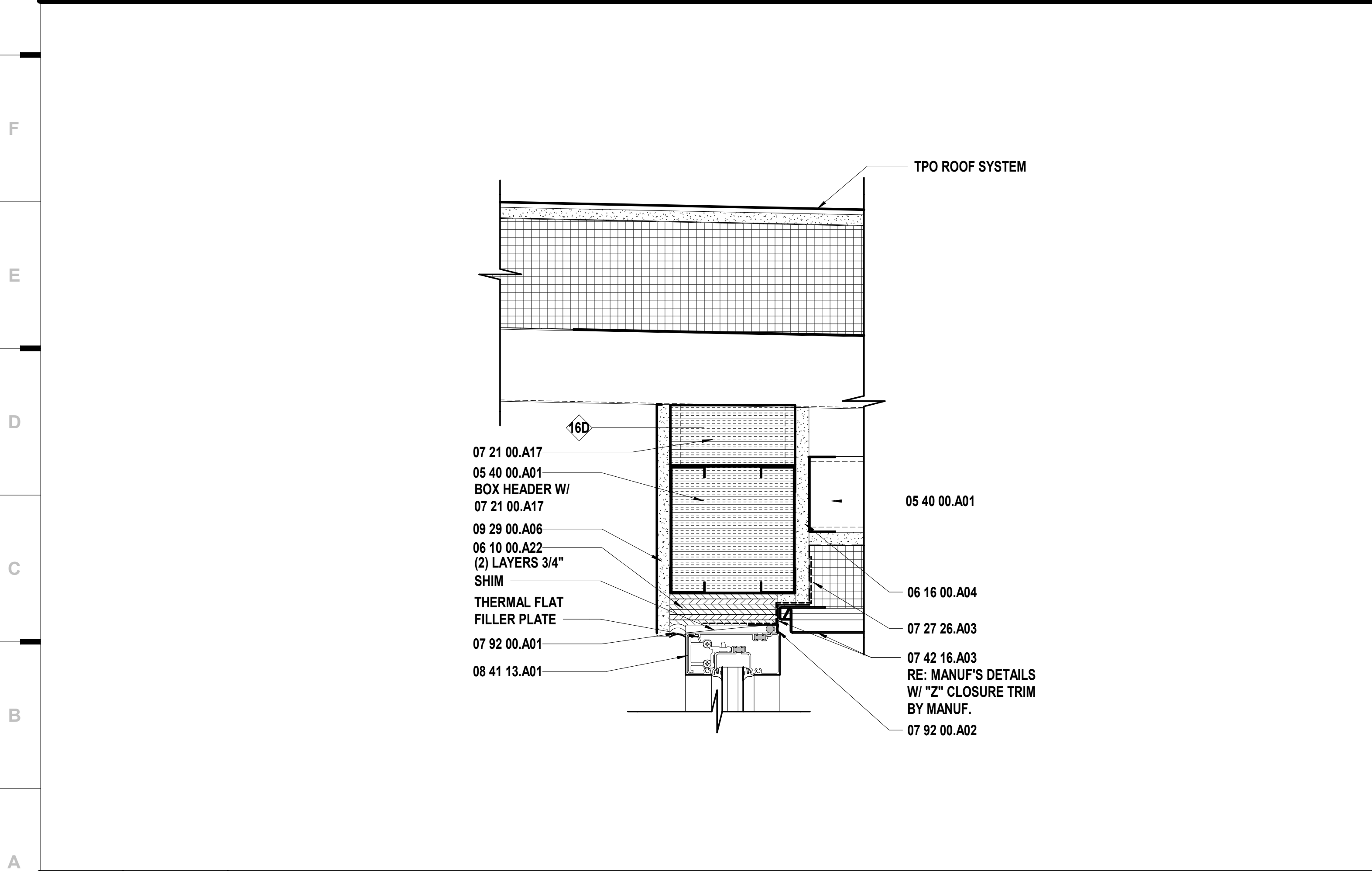




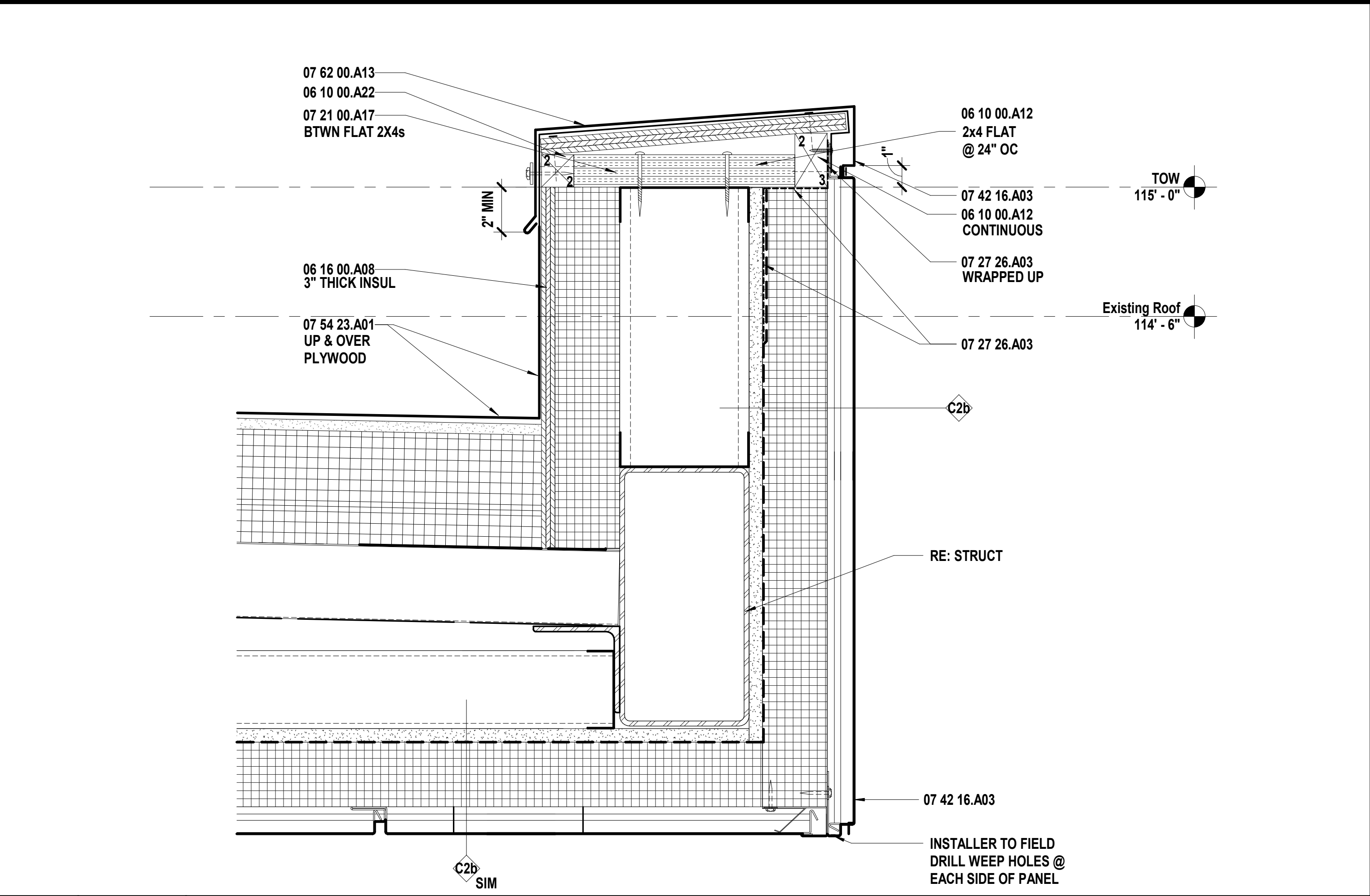


**G1** Scale 3" = 1'-0" Roof Detail - Vestibule 100 Connection to Existing

**G9** Scale 3" = 1'-0" Roof Detail - Upper Roof Parapet



**A1** Scale 3" = 1'-0" Roof Detail @ Storefront Head



**A9** Scale 3" = 1'-0" Roof Details - Vestibule 100 Upper Soffit

SHEET KEYNOTE LEGEND	
05 31 00.A02	ACOUSTICAL ROOF DECK
05 40 00.A01	COLD-FORMED METAL FRAMING
05 40 00.A07	MISCELLANEOUS FRAMING/FURRING
06 10 00.A12	PRESERVATIVE TREATED WOOD BLOCKING/NAILERS
06 10 00.A20	FIRE-RETARDANT TREATED PLYWOOD BLOCKING AND BACKING PANELS
06 10 00.A22	PRESERVATIVE TREATED PLYWOOD BLOCKING
06 16 00.A04	GLASS-MAT GYPSUM WALL SHEATHING
06 16 00.A08	COMPOSITE INSULATED WALL SHEATHING
07 21 00.A17	MINERAL WOOL
07 27 26.A03	TRANSITION MEMBRANE
07 42 16.A03	CONCEALED FASTENER METAL PLATE WALL PANELS
07 52 16.A10	BASE FLASHING
07 54 23.A01	ADHERED TPO MEMBRANE ROOFING SYSTEM
07 54 23.A11	VERTICAL WALL FLASHING
07 62 00.A04	FLEXIBLE MEMBRANE CLOSURE
07 62 00.A13	COPING
07 62 00.A15	ROOF TO WALL EXPANSION JOINT COVER
07 62 00.A35	PRE-FINISHED MISC METAL FLASHING
07 92 00.A01	SEALANT
07 92 00.A02	SEALANT W/BACKER ROD
08 41 13.A01	THERMAL BROKEN STOREFRONT FRAMING (4.5")
09 29 00.A01	GYPSUM BOARD - TYPE X
09 29 00.A06	MOLD AND MOISTURE RESISTANT GYPSUM BOARD

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REVISIONS:

#	Description	Date

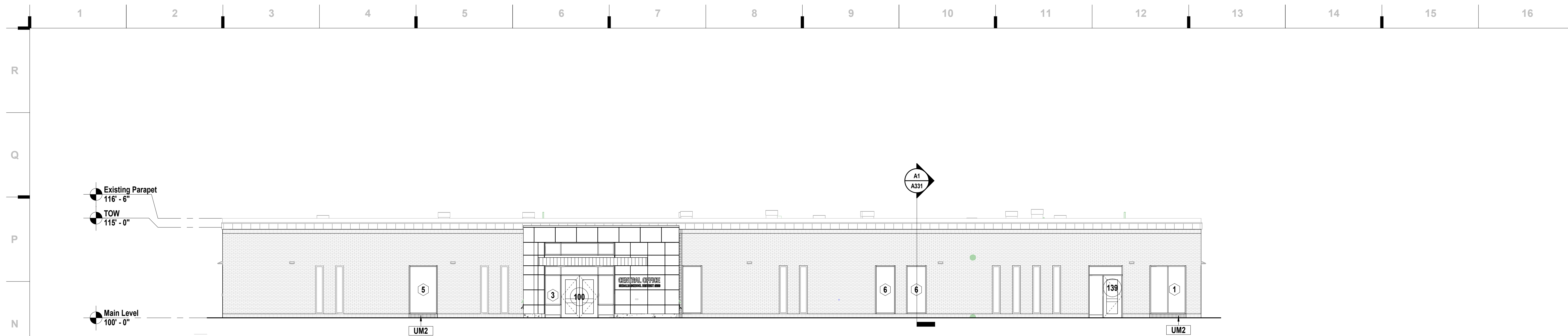
STATE OF MISSOURI  
JULIAN C. MILLER  
NUMBER  
2009005512  
ARCHITECT

04/11/2025

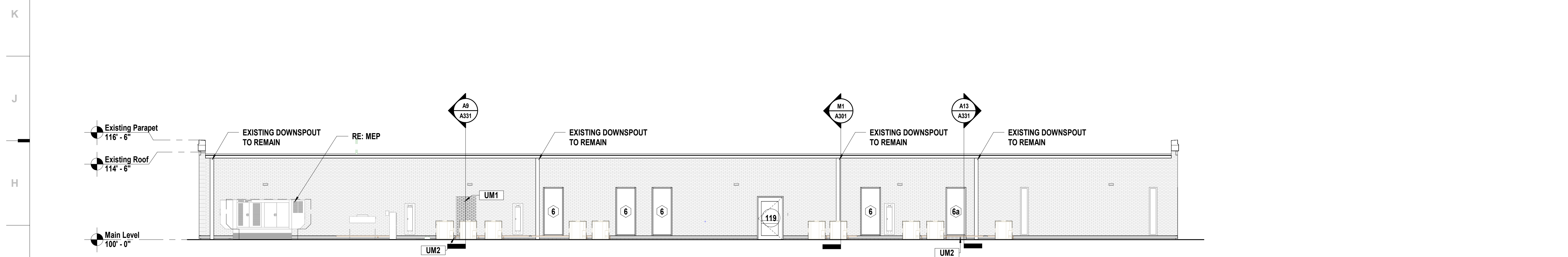
JOB NO: 23195  
DRAWN BY: LB  
CHECKED BY: JB  
DATE: 04/11/2025

**A142**

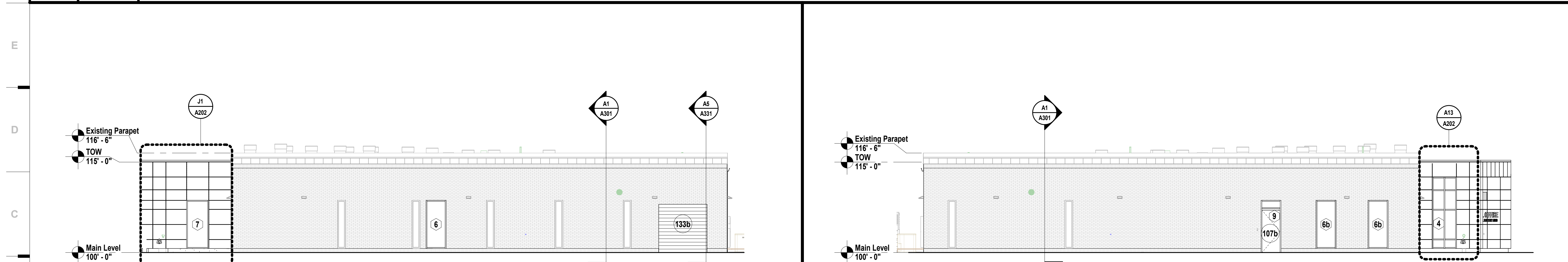




<b>L1</b>	Scale	Exterior Elevation - Overall North
	1/8" = 1'-0"	



<b>F1</b>	Scale	Exterior Elevation - Overall South
	1/8" = 1'-0"	



<b>A1</b>	Scale	Exterior Elevation - Overall West
	1/8" = 1'-0"	

<b>A9</b>	Scale	Exterior Elevation - Overall East
	1/8" = 1'-0"	

## SHEET KEYNOTE LEGEND

04 20 00.A12	FACE BRICK
07 42 16.A03	CONCEALED FASTENER METAL PLATE WALL PANELS
07 42 63.A01	PHENOLIC CLADDING SYSTEM
07 62 00.A13	COPING
09 21 16.A01	NON-STRUCTURAL FRAMING

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## EXTERIOR MATERIAL LEGEND


**MP1 = METAL PANEL TYPE 1**  
**07 42 16.A03 CONCEALED FASTENER METAL PLATE WALL PANELS**

 **BOD: DRI-DESIGN**  
**COLOR: BONE WHITE DRI-002**  
**SIZE/PATTERN: PER ELEVS**

**SM1 = SHEET METAL TYPE 1**  
**07 62 00.A13 COPING**  
 **COLOR: WHITE (MATCH MP1)**  
**SIZE/ PATTERN: PER DETAILS**

**UM1 = UNIT MASONRY TYPE 1**  
**04 20 00.A12 FACE BRICK**  
 **BOD: SALVAGED FROM DEMO**  
**SIZE/ PATTERN: MODULAR/ RUNNING BOND**

**UM2 = UNIT MASONRY TYPE 2**  
**09 21 16.A01 NON-STRUCTURAL FRAMING**  
 **BOD: SALVAGED FROM DEMO**  
**SIZE/ PATTERN: MODULAR/ SOLDIER COURSE**

**PP1 = PHENOLIC PANEL TYPE 1**  
**07 42 63.A01 PHENOLIC CLADDING SYSTEM**  
  
**BOD: TRESPA PURA NFC - SOLID PHENOLIC PANEL SYSTEM**  
**COLOR: CLASSIC OAK (MATT | BROWN CORE)**  
**SIZE/ PATTERN: PER ELEVS**

REVISIONS:		
#	Description	Date

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Sedalia School District 200  
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## SHEET NOTES

1. REFER TO SHEET G000 FOR SHEET INDEX
2. DO NOT SCALE THIS DRAWING
3. WALL MOUNTED LIGHT FIXTURES, LAMBS TONGUES AND OTHER MEP ITEMS ARE SHOWN FOR PLACEMENT ONLY

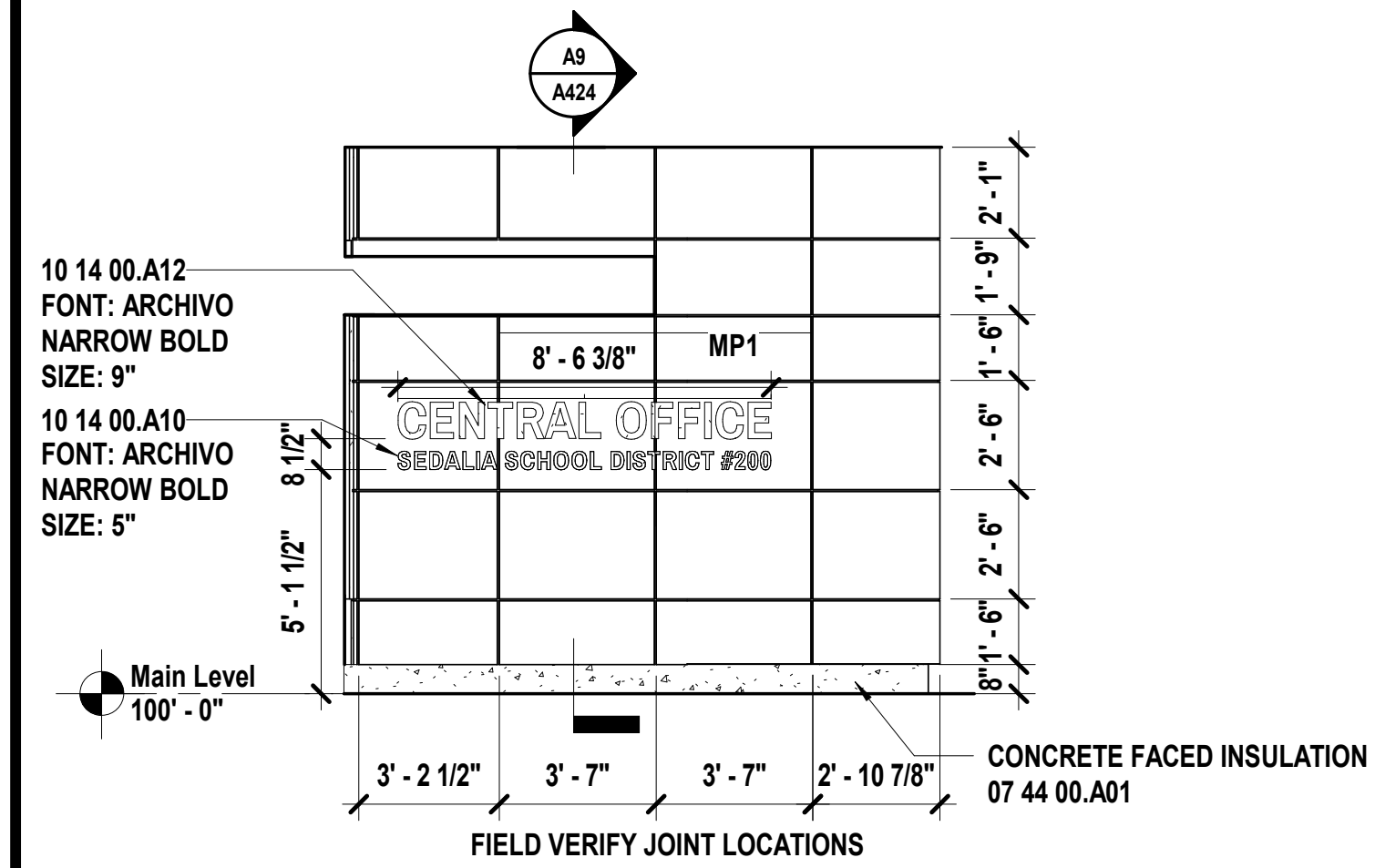
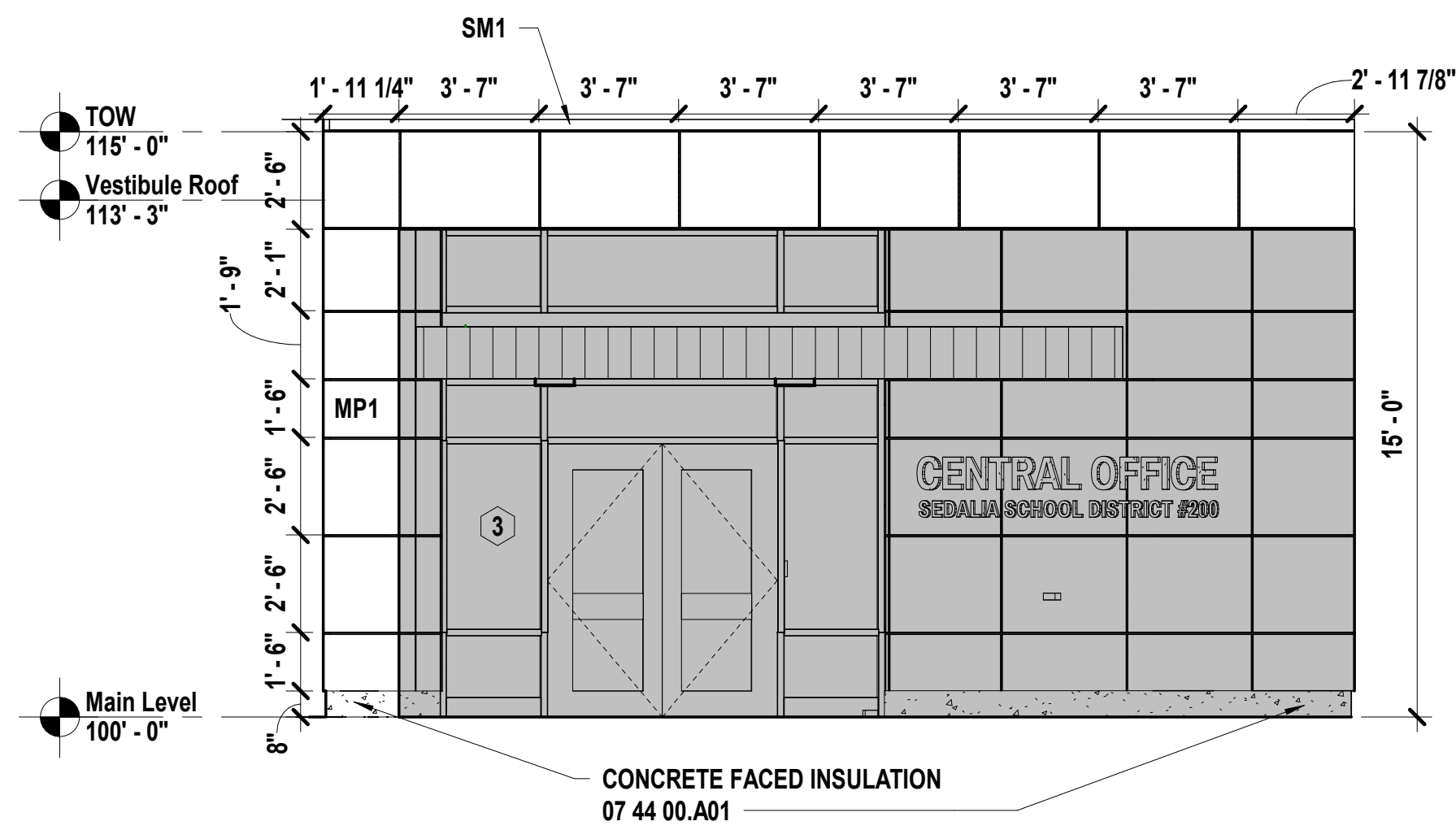
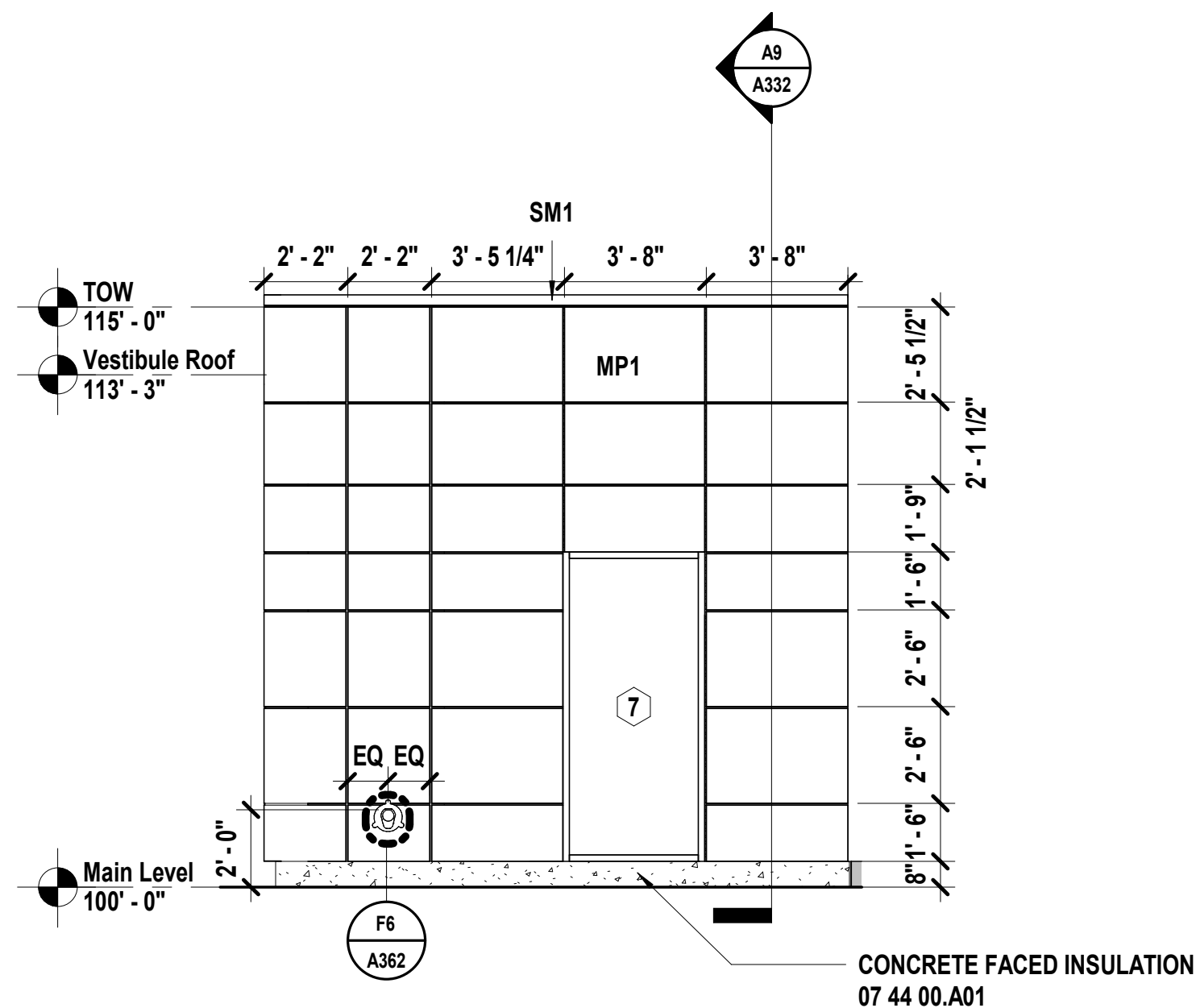
JOB NO: 23195  
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# A201

### EXTERIOR ELEVATIONS - OVERALL

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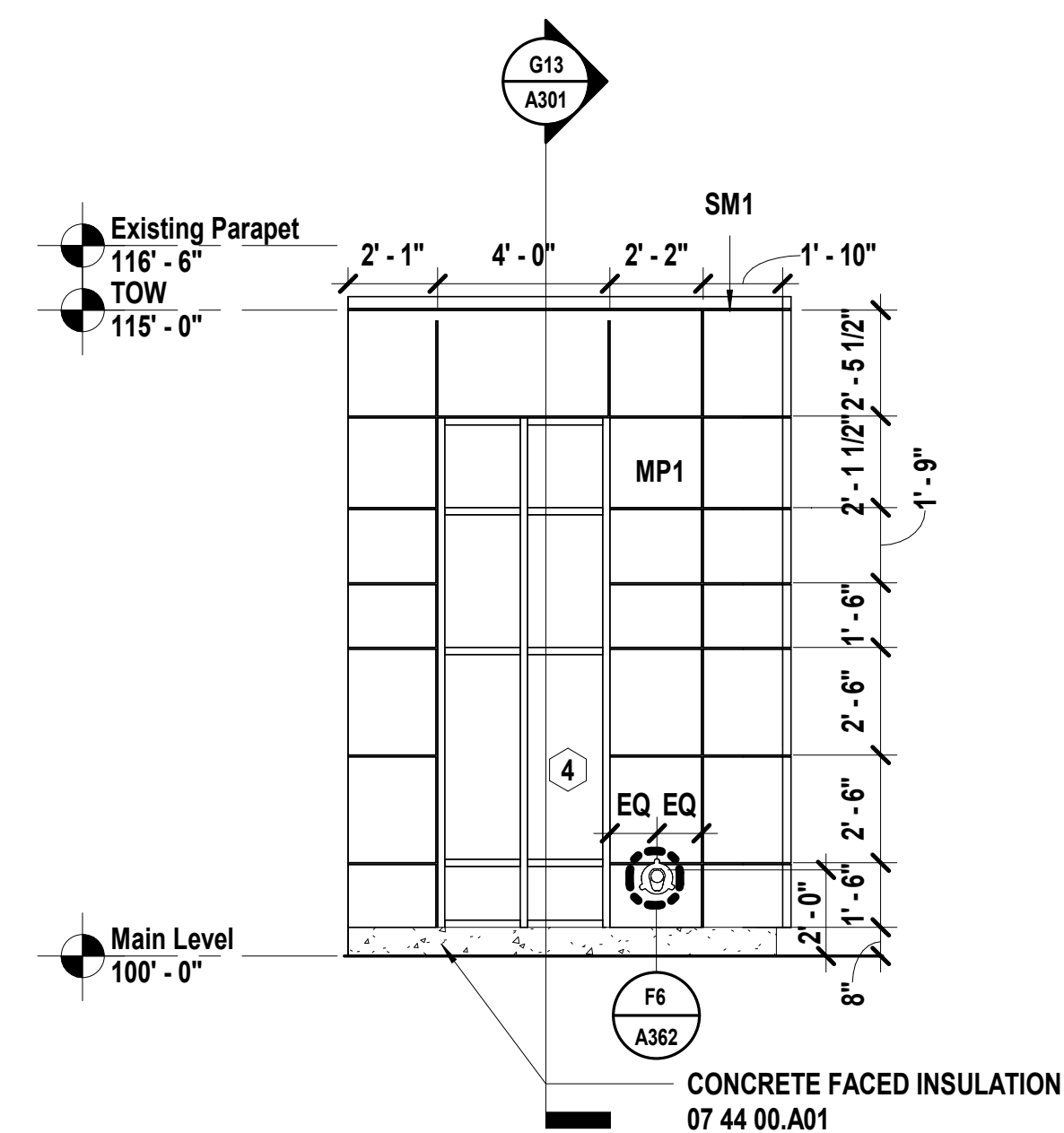
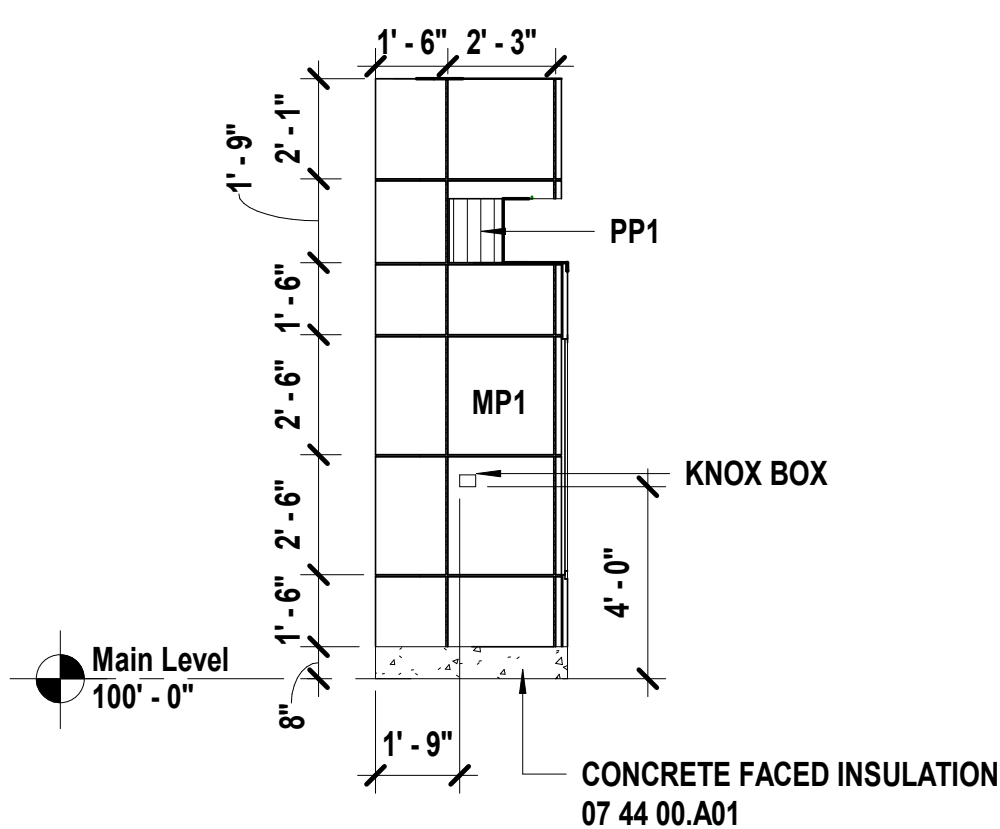




<b>J1</b>	Scale	Enlarged Elevation - Vestibule 100 - West
	1/4" = 1'-0"	

<b>J6</b>	Scale	Enlarged Elevation - Vestibule 100 - Outer North
	1/4" = 1'-0"	

<b>J13</b>	Scale	Enlarged Elevation - Vestibule 100 - Northwest
	1/4" = 1'-0"	



<b>A9</b>	Scale	Enlarged Elevation - Vestibule 100 - Northeast 1
	1/4" = 1'-0"	

<b>A13</b>	Scale	Enlarged Elevation - Vestibule 100 - Outer East
	1/4" = 1'-0"	

## SHEET KEYNOTE LEGEND

04 20 00.A12	FACE BRICK
07 42 16.A03	CONCEALED FASTENER METAL PLATE WALL PANELS
07 42 63.A01	PHENOLIC CLADDING SYSTEM
07 62 00.A13	COPING
09 21 16.A01	NON-STRUCTURAL FRAMING
10 14 00.A10	NON-ILLUMINATED
10 14 00.A12	ILLUMINATED HALO-LIT

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**CONSTRUCTION  
DOCUMENTS**

## EXTERIOR MATERIAL LEGEND


**MP1 = METAL PANEL TYPE 1**  
**07 42 16.A03 CONCEALED FASTENER METAL PLATE WALL  
 PANELS**

**BOD:** DRI-DESIGN  
**COLOR:** BONE WHITE DRI-002  
**SIZE/ PATTERN:** PER ELEV

**SM1 = SHEET METAL TYPE 1**  
**07 62 00.A13 COPING**  
 **COLOR: WHITE (MATCH MP1)**  
**SIZE/ PATTERN: PER DETAILS**

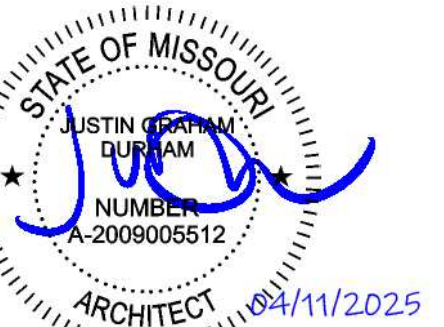
**UM1 = UNIT MASONRY TYPE 1**  
**04 20 00.A12 FACE BRICK**  
 **BOD: SALVAGED FROM DEMO**  
**SIZE/ PATTERN: MODULAR/ RUNNING BOND**

09 21 16.A01 **NON-STRUCTURAL FRAMING**  
BOD: SALVAGED FROM DEMO  
SIZE/ PATTERN: MODULAR/ SOLDIER COURSE

**PP1 = PHENOLIC PANEL TYPE 1**  
**07 42 63.A01 PHENOLIC CLADDING SYSTEM**  
  
**BOD: TRESPA PURA NFC - SOLID PHENOLIC PANEL SYSTEM**  
**COLOR: CLASSIC OAK (MATT | BROWN CORE)**  
**SIZE/PATTERN: PER ELEV**

REVISIONS:		
#	Description	Date

**Sedalia Central Office Relocation**  
Sedalia School District 200  
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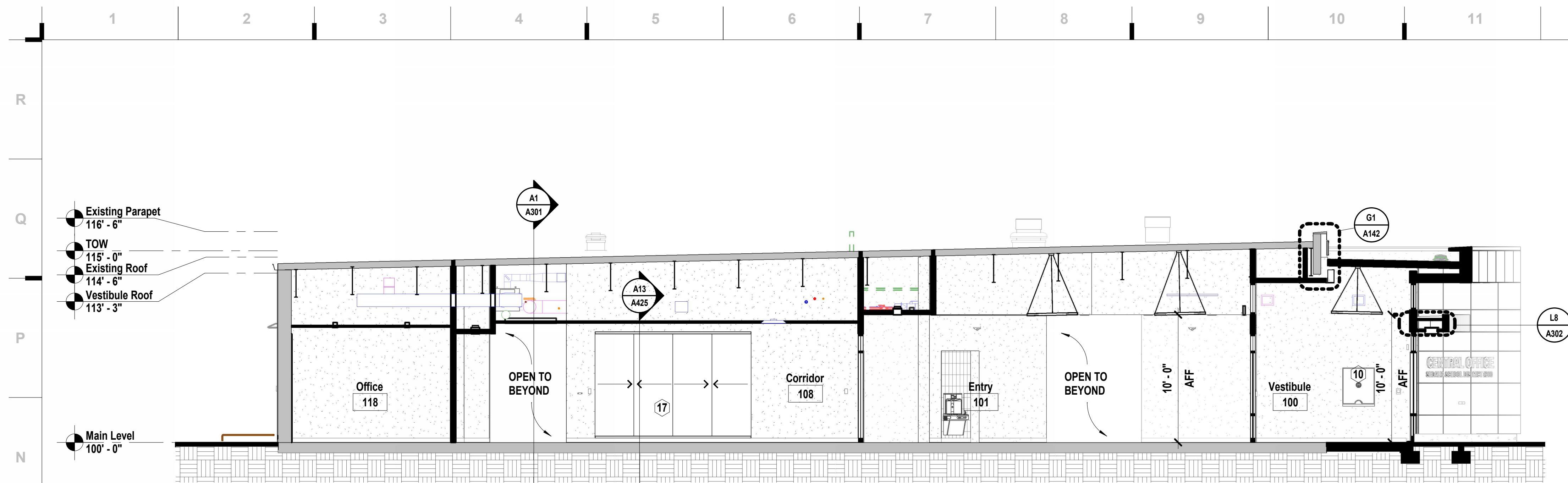
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2. DO NOT SCALE THIS DRAWING
3. WALL MOUNTED LIGHT FIXTURES, LAMBS TONGUES AND OTHER MER ITEMS ARE SHOWN FOR PLACEMENT ONLY

JOB NO: 23195  
DRAWN BY: LB  
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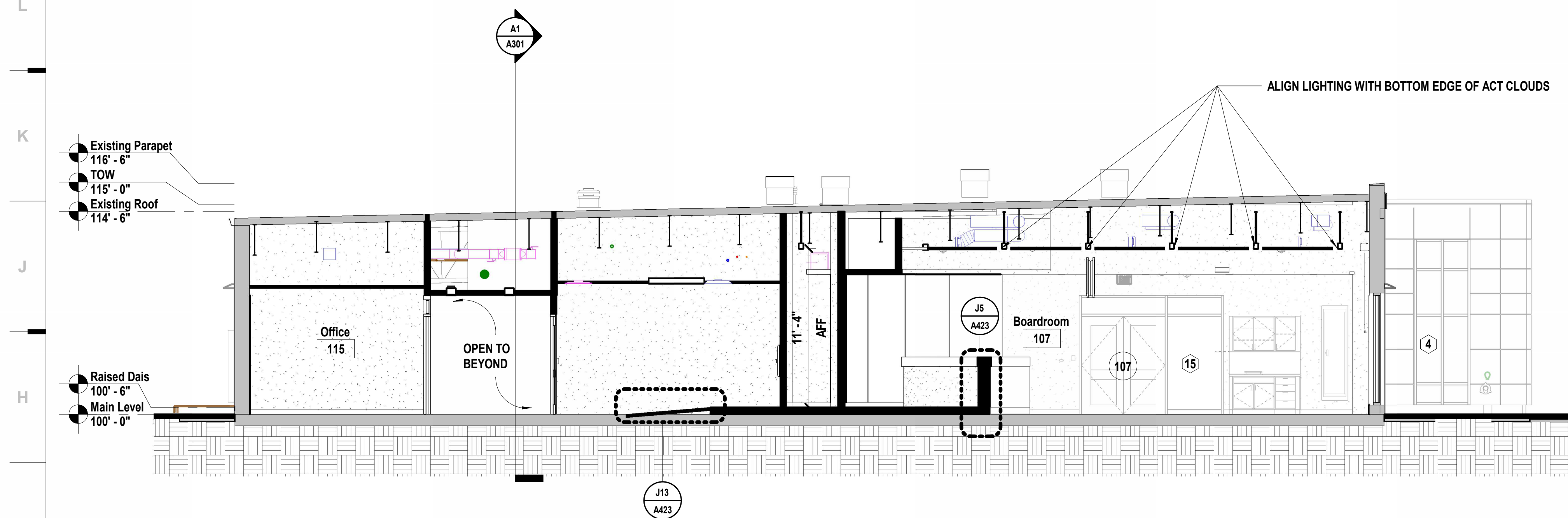
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## EXTERIOR ELEVATIONS - VESTIBULE

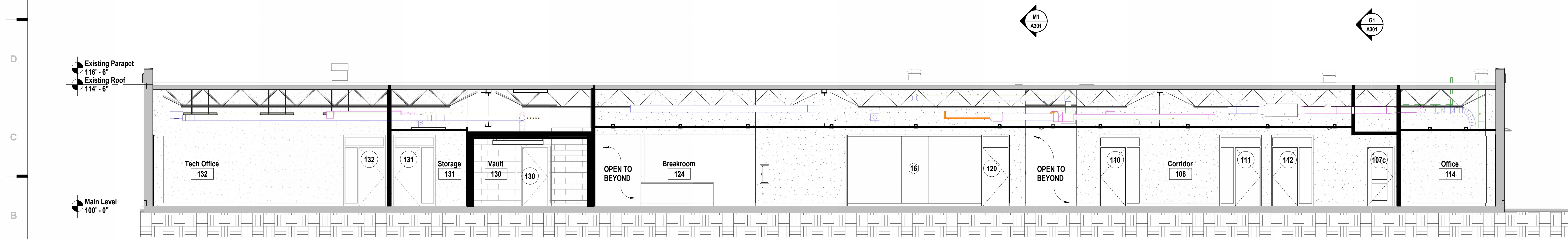




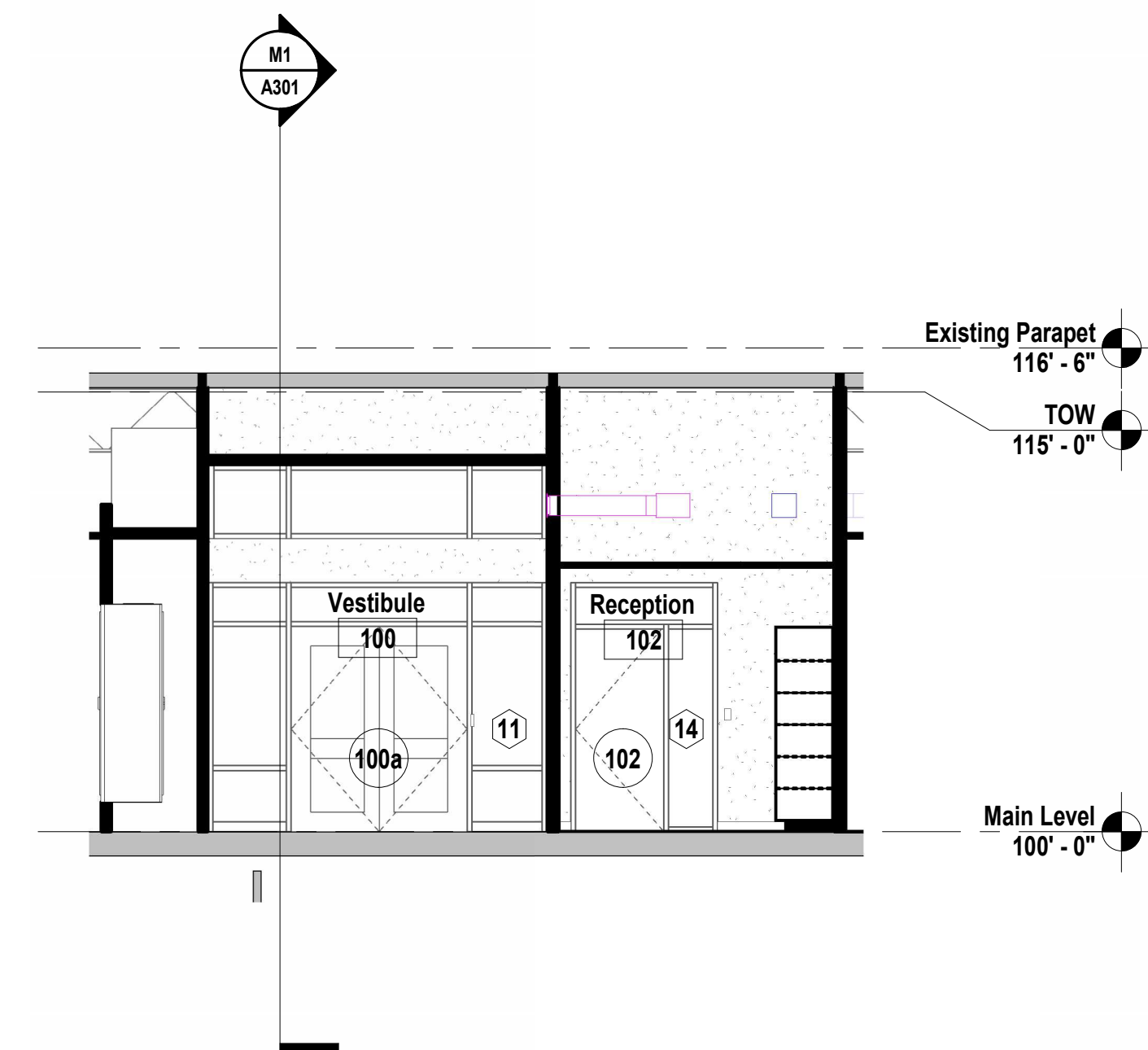
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	3/16" = 1'-0"	



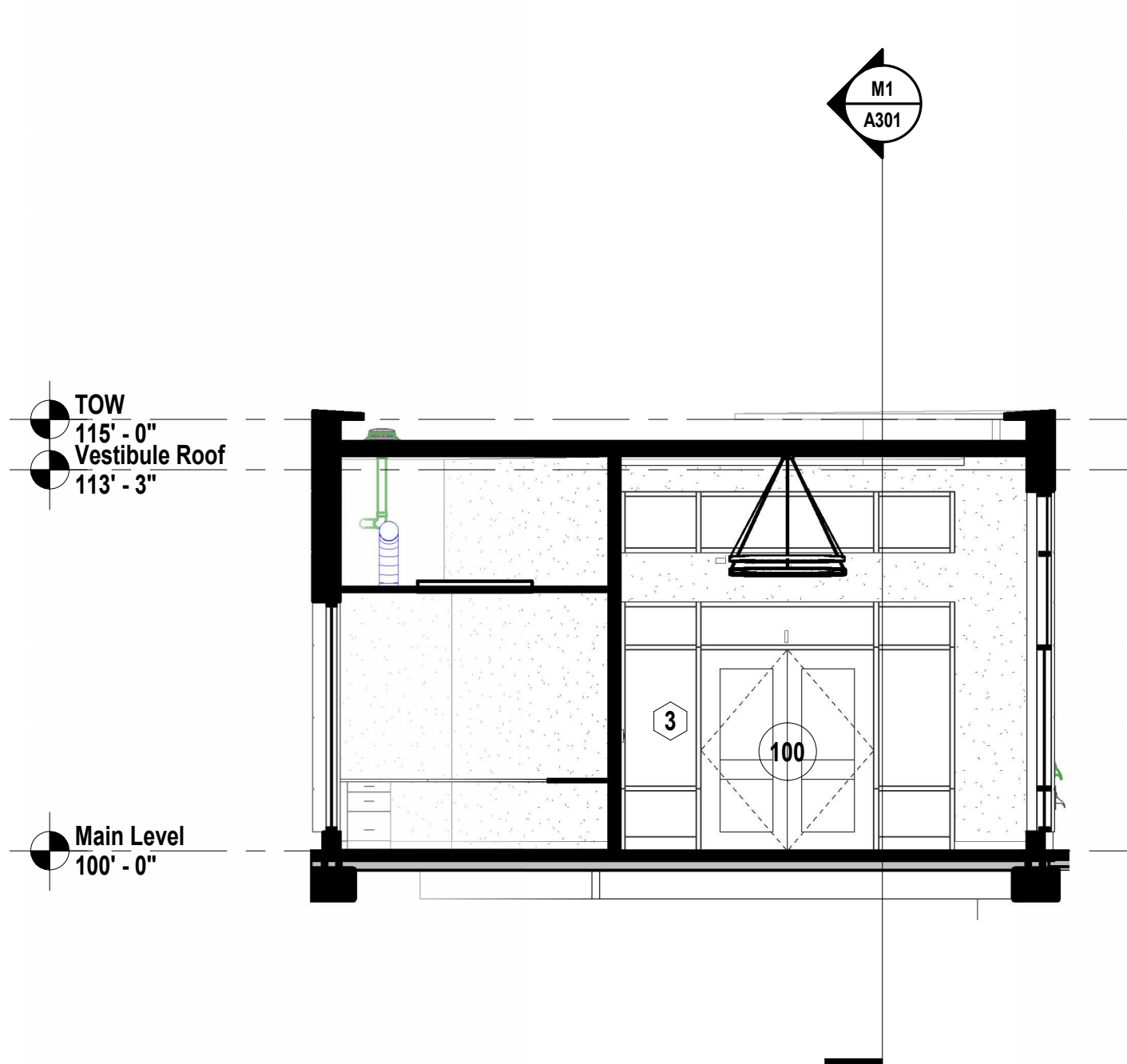
<b>G1</b>	Scale	Building Section - North South - Through Boardroom
	3/16" = 1'-0"	



<b>A1</b>	Scale	Building Section - East West
	3/16" = 1'-0"	



<b>M13</b>	Scale	Section - Vestibule 2
	3/16" = 1'-0"	



<b>G13</b>	Scale	Section - Vestibule 1
	3/16" = 1'-0"	

## SHEET NOTES

1. REFER TO SHEET G000 FOR SHEET INDEX
2. DO NOT SCALE THIS DRAWING
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4. WALL MOUNTED LIGHT FIXTURES, GRILLES AND OTHER MEP ITEMS ARE SHOWN FOR PLACEMENT ONLY

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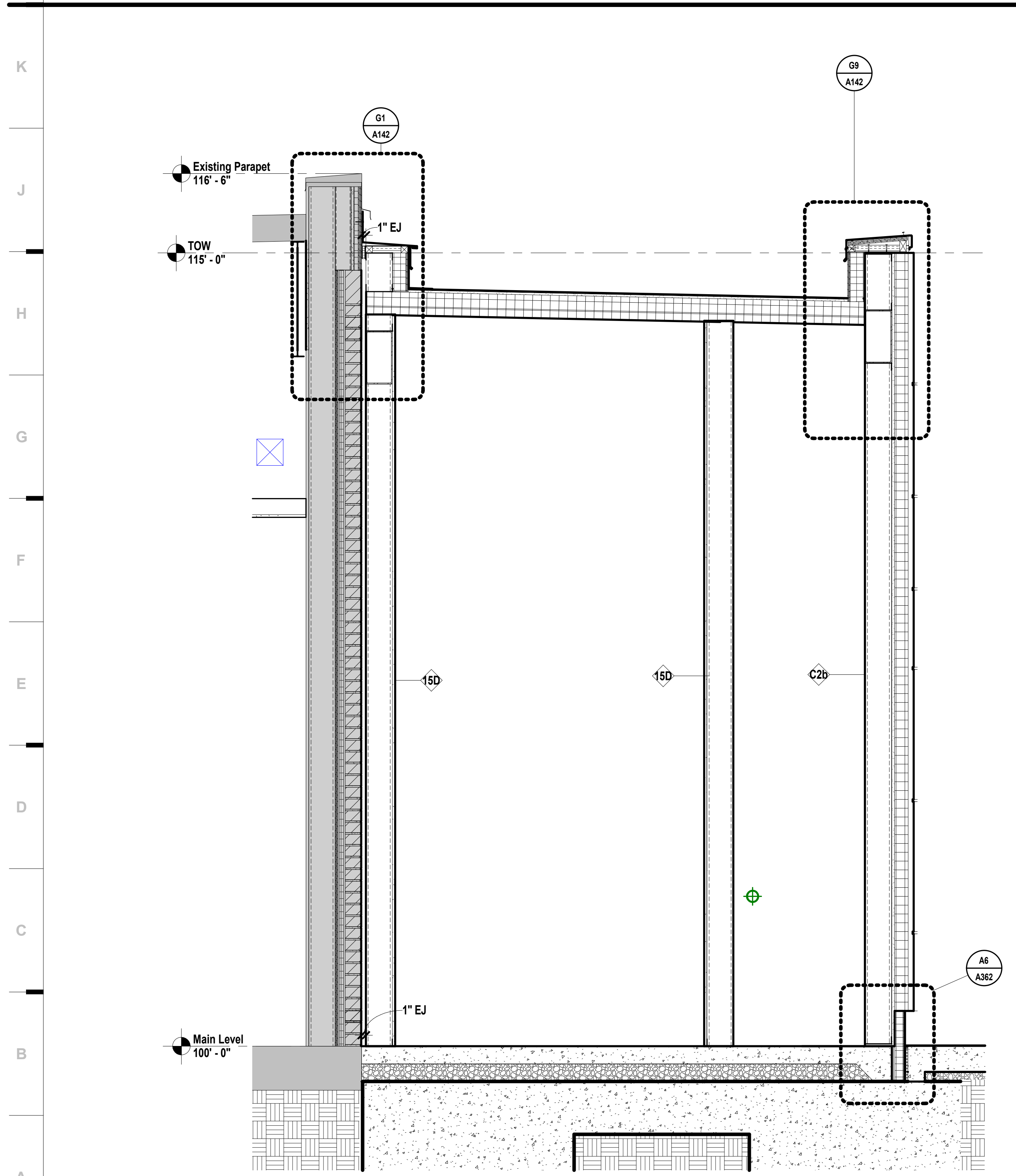
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**CHECKED BY: JB**  
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# A301

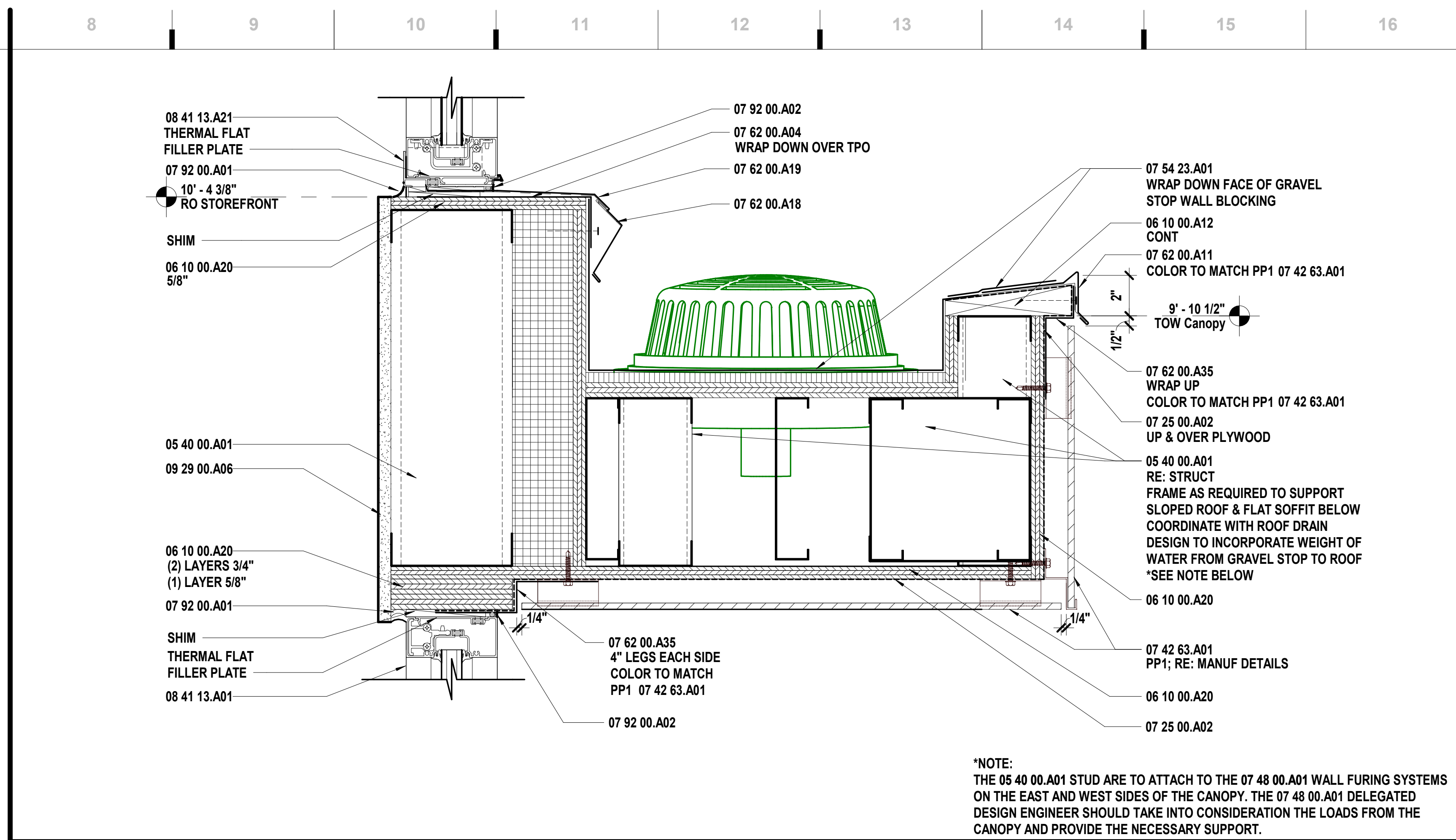
## BUILDING SECTIONS

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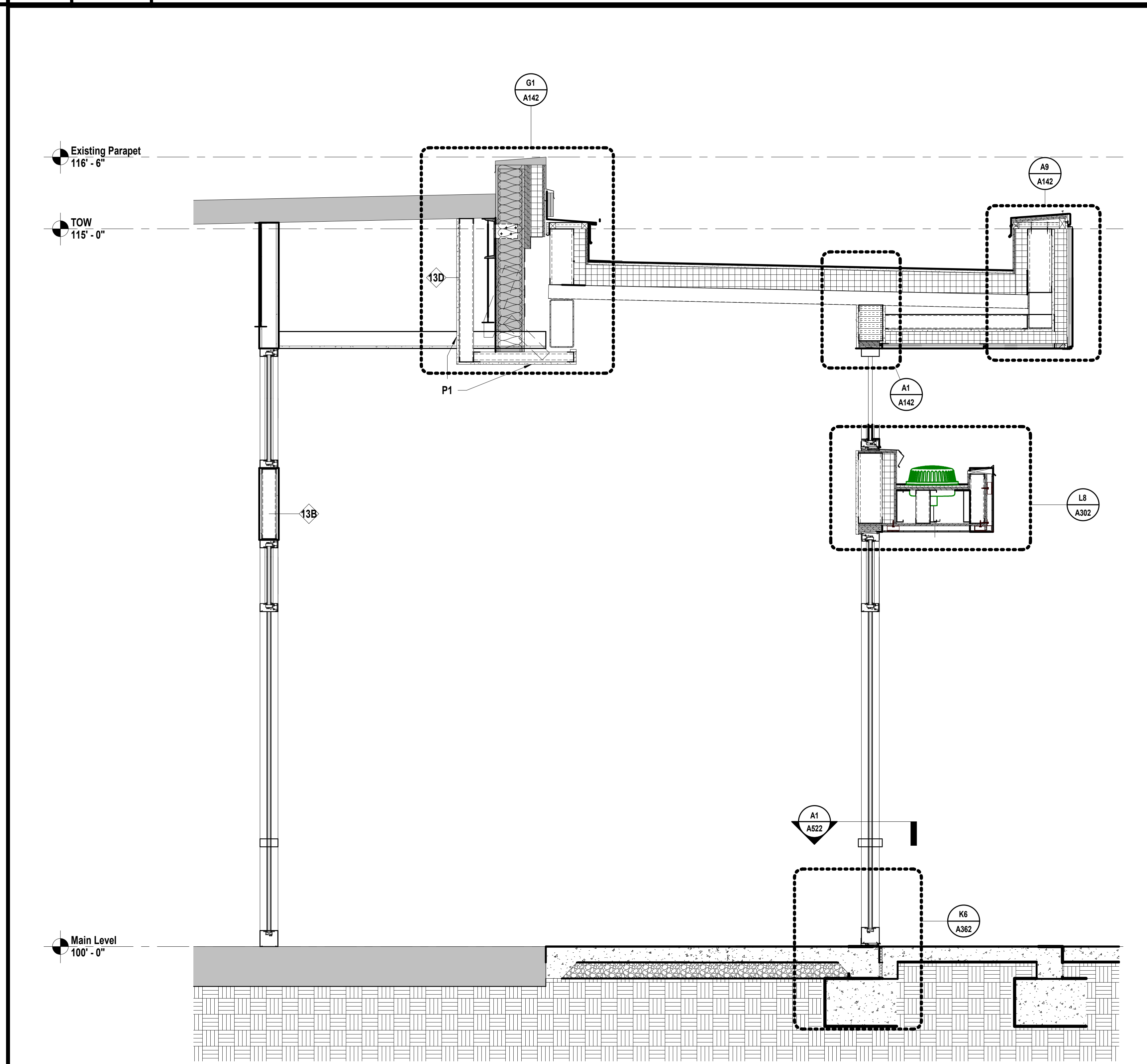




<b>A1</b>	Scale	Section - Vestibule 100 to Boardroom 107
	3/4" = 1'-0"	



<b>L8</b>	Scale	Section Detail - Secondary Vestibule Roof
	3" = 1'-0"	



<b>A9</b>	Scale	Section - Vestibule 100
	3/4" = 1'-0"	

## SHEET KEYNOTE LEGEND

05 40 00.0A1	COLD-FORMED METAL FRAMING
05 40 00.0A2	PRESERVATIVE TREATED WOOD BLOCKING/INALLERS
06 10 00.0A20	FIRE-RATED/TREATED PLYWOOD BLOCKING AND BACKING PANELS
07 25 00.0A02	SELF-ADHERING WEATHER BARRIERS
07 42 63.0A01	PHENOLIC CLADDING SYSTEM
07 48 00.0A01	RAINSCREEN FURRING SYSTEM
07 54 23.0A01	ADHERED TPO MEMBRANE ROOFING SYSTEM
07 62 00.0A04	FLEXIBLE MEMBRANE CLOSURE
07 62 00.0A11	GRAVEL STOP
07 62 00.0A18	COUNTER FLASHING
07 62 00.0A19	COUNTER FLASHING RECEIVER
07 62 00.0A35	PRE-FINISHED MISC METAL FLASHING
07 92 00.0A01	SEALANT
07 92 00.0A02	SEALANT W/BACKER ROD
08 41 13.0A01	THERMAL BROKEN STOREFRONT FRAMING (4)
08 41 13.0A21	ALUMINUM SUBSILL
09 29 00.0A06	MOLD AND MOISTURE RESISTANT GYPSUM BOARD

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Architecture # 0000161

**MKEC Engineering, Inc.**  
Civil Engineer / Landscape Architecture  
State Certificate of Authority #2001009364  
State Certificate of Authority #2006027135  
11827 W. 112th Street, Ste 200  
Overland Park, KS 66210  
913.317.9390 phone  
mkec.com

**Stand Structural Engineering Inc.**  
Structural Engineer  
State Certificate of Authority #F001321657  
8234 Robinson St,  
Overland Park, KS, 66204  
913.214.2169 phone  
stand-sei.com

**True Engineering Group LLC**  
MEP Engineer  
State Certificate of Authority #E-2016000752  
1200 E Woodhurst Dr, Building P,  
Springfield, MO County, MO 65804  
417.708.7025 phone  
[www.true-mep.com](http://www.true-mep.com)

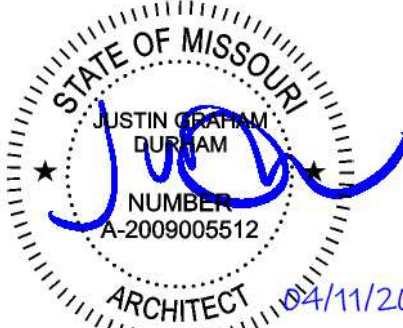
## Sedalia Central Office Relocation

## Sedalia School District 200

**1712 S Lafayette Ave  
Sedalia, MO 65301**

**CONSTRUCTION  
DOCUMENTS**

#	Description	Date
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The Professional Architects seal affixed to this sheet applies only to the material and items shown on this sheet. All drawings, instruments or other documents not exhibiting this seal shall not be considered prepared by this architect.

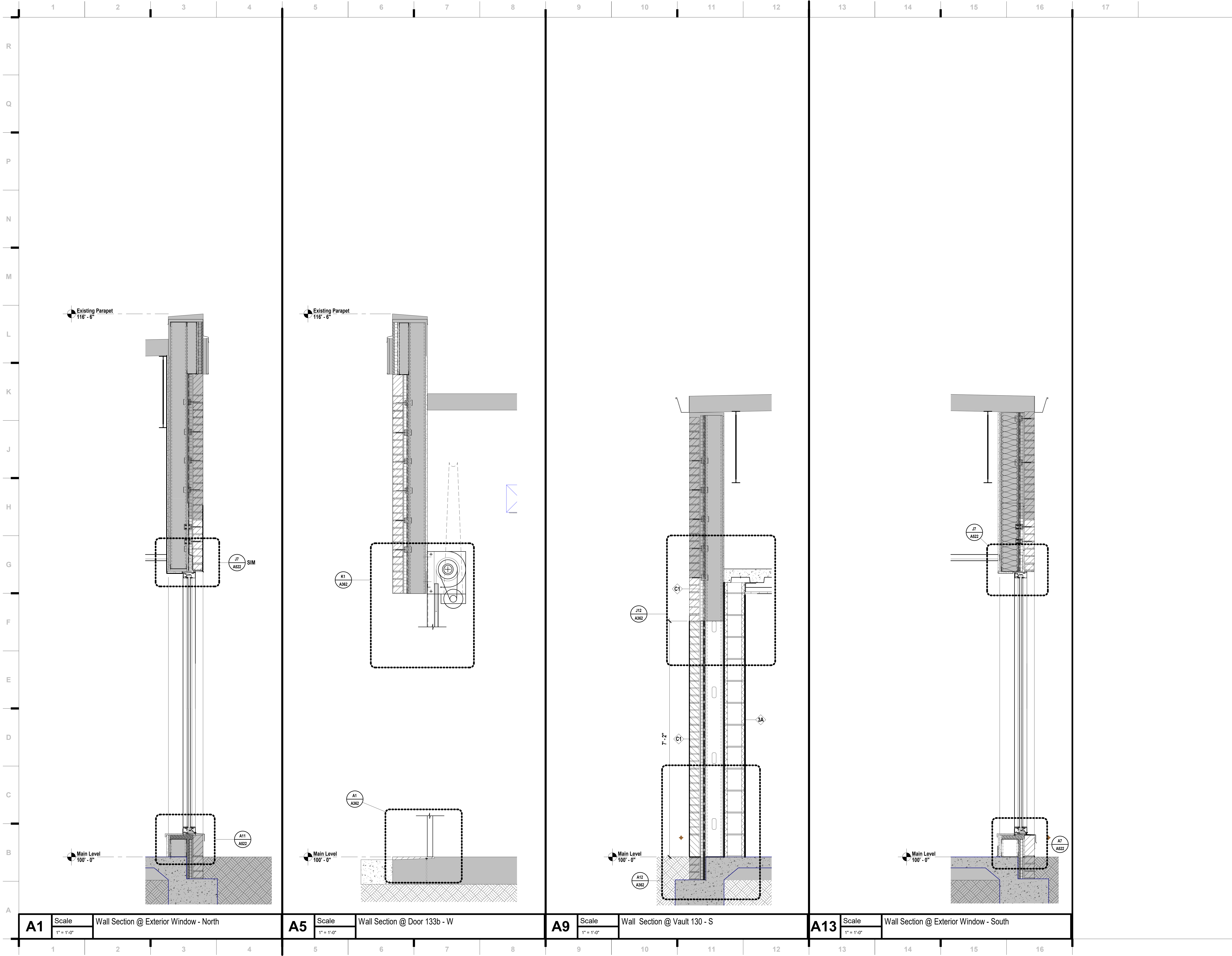
JOB NO: 23195  
DRAWN BY: LB  
CHECKED BY: JB  
DATE: 04/11/2025

# A302

## BUILDING SECTIONS



4/14/2025 9:39:09 AM



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State Certificate of Authority #2006027139  
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www.true-mep.com

**CONSTRUCTION DOCUMENTS**

**Sedalia Central Office Relocation**  
Sedalia School District 200  
1712 S Lafayette Ave  
Sedalia, MO 65301

**REVISIONS:**

#	Description	Date
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STATE OF MISSOURI  
JULIAN G. GRIFFIN  
ARCHITECT  
NUMBER  
2009005512  
04/11/2025

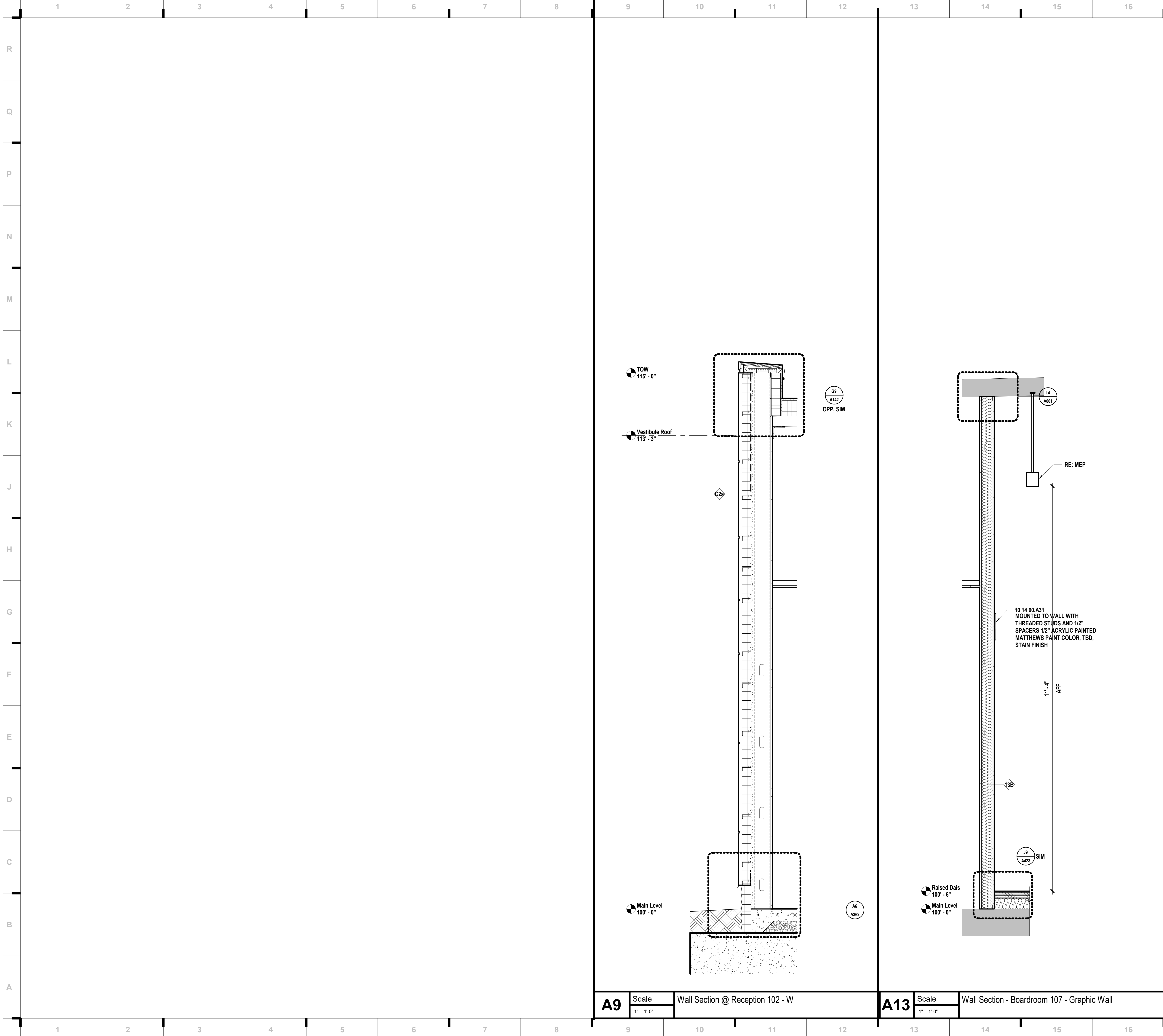
JOB NO: 23195  
DRAWN BY: AR  
CHECKED BY: JB  
DATE: 04/11/2025

**A331**

**WALL SECTIONS**



4/14/2025 9:39:09 AM



## SHEET KEYNOTE LEGEND

10 14 00.A31 CUSTOM

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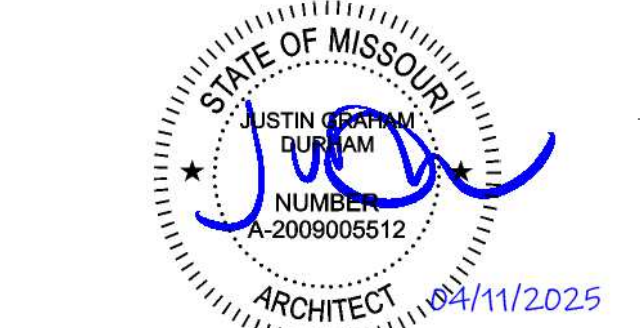
Sedalia Central Office Relocation

Sedalia School District 200

1712 S Lafayette Ave  
Sedalia, MO 65301

REVISIONS:

#	Description	Date
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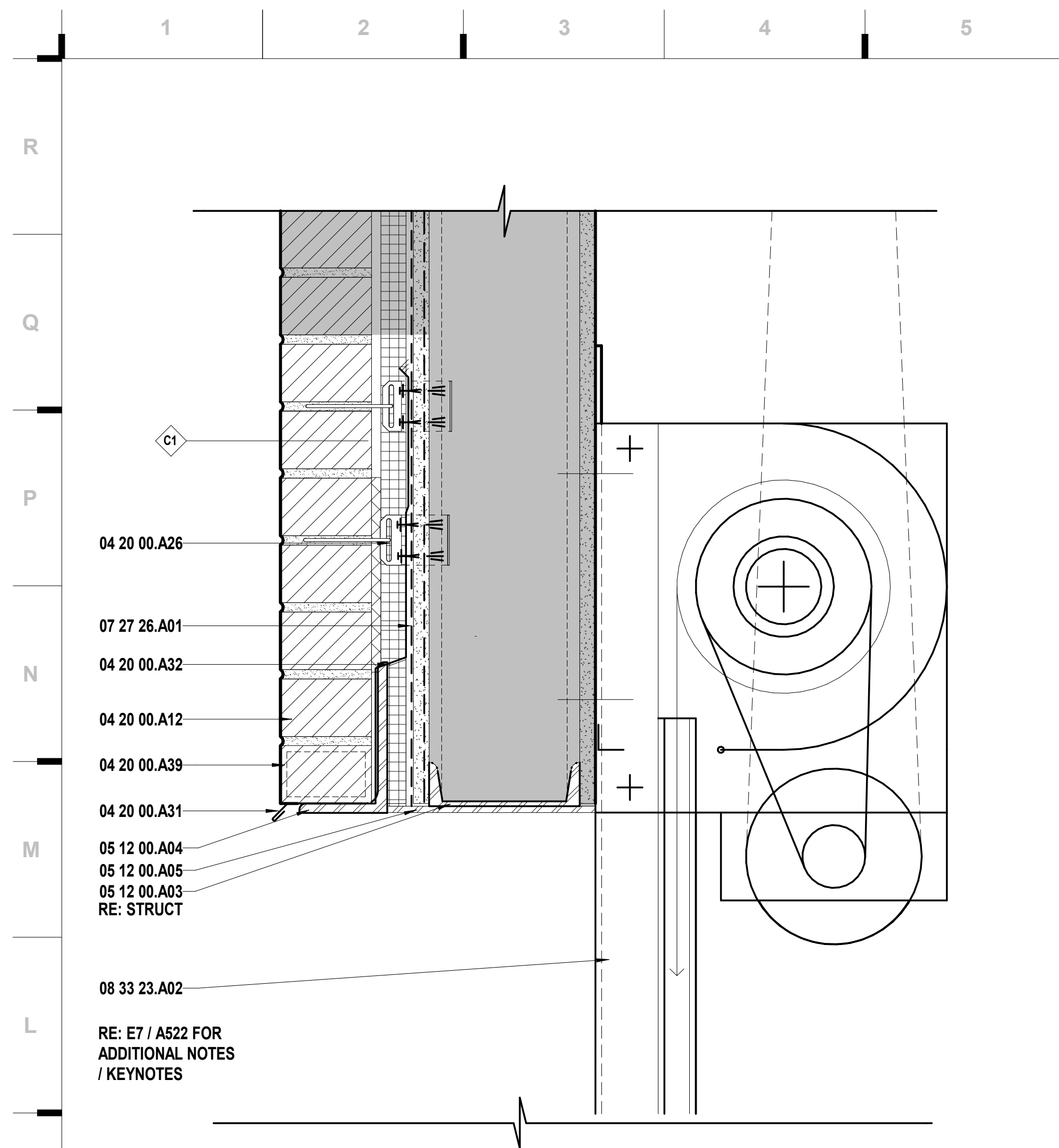
JOB NO: 23195  
DRAWN BY: LB  
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DATE: 04/11/2025

# A332

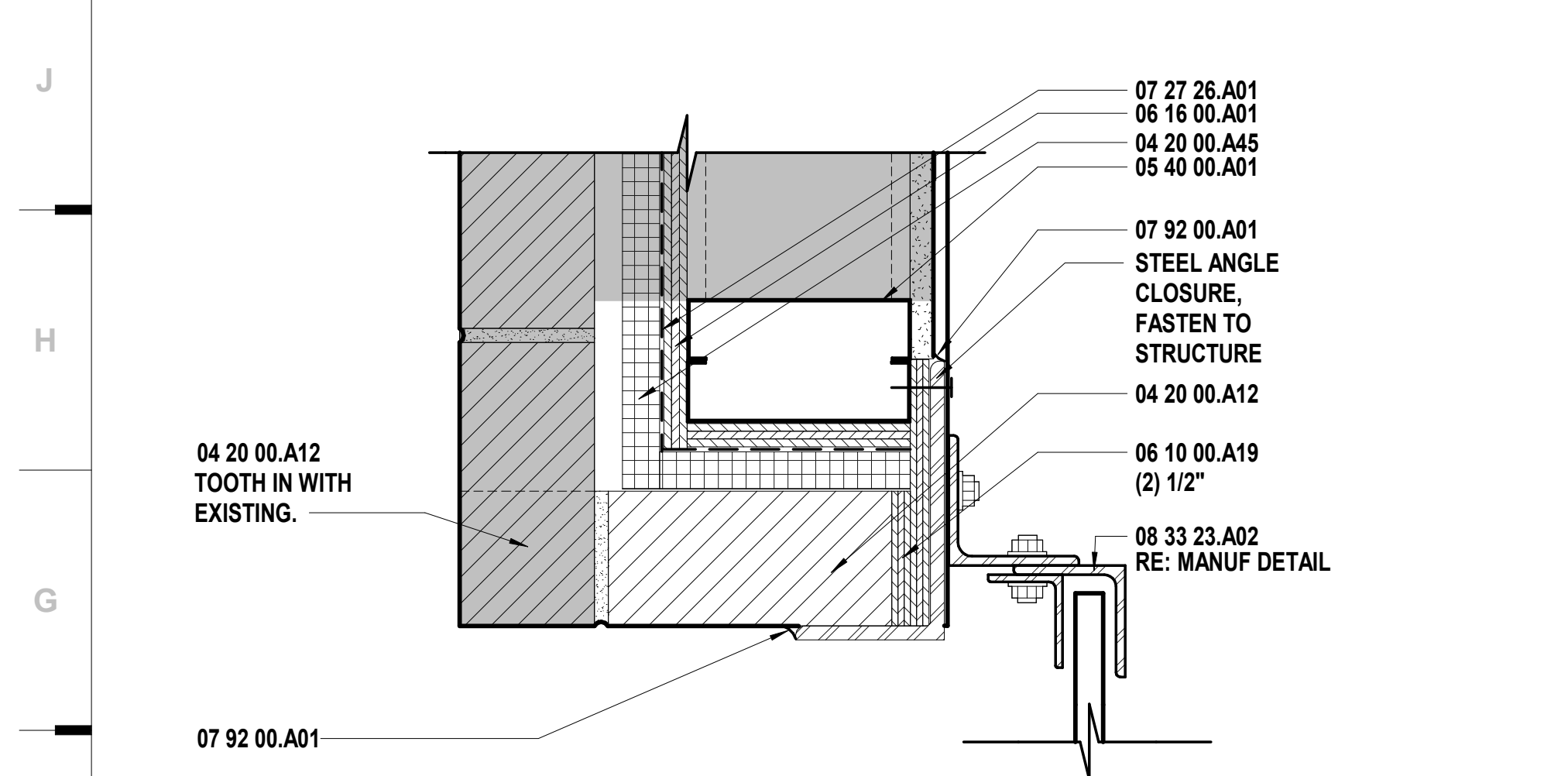
WALL SECTIONS

CONSTRUCTION  
DOCUMENTS

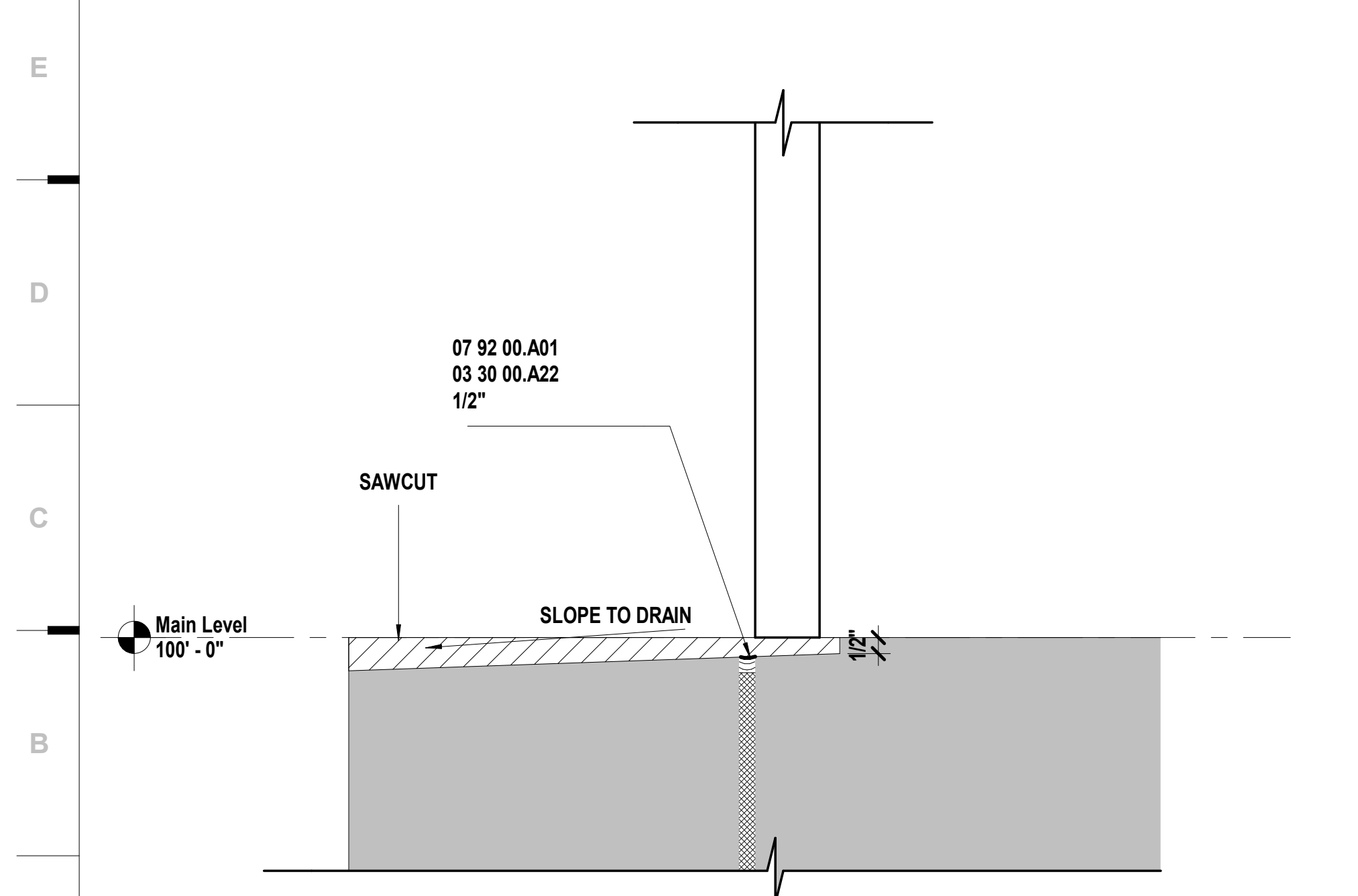




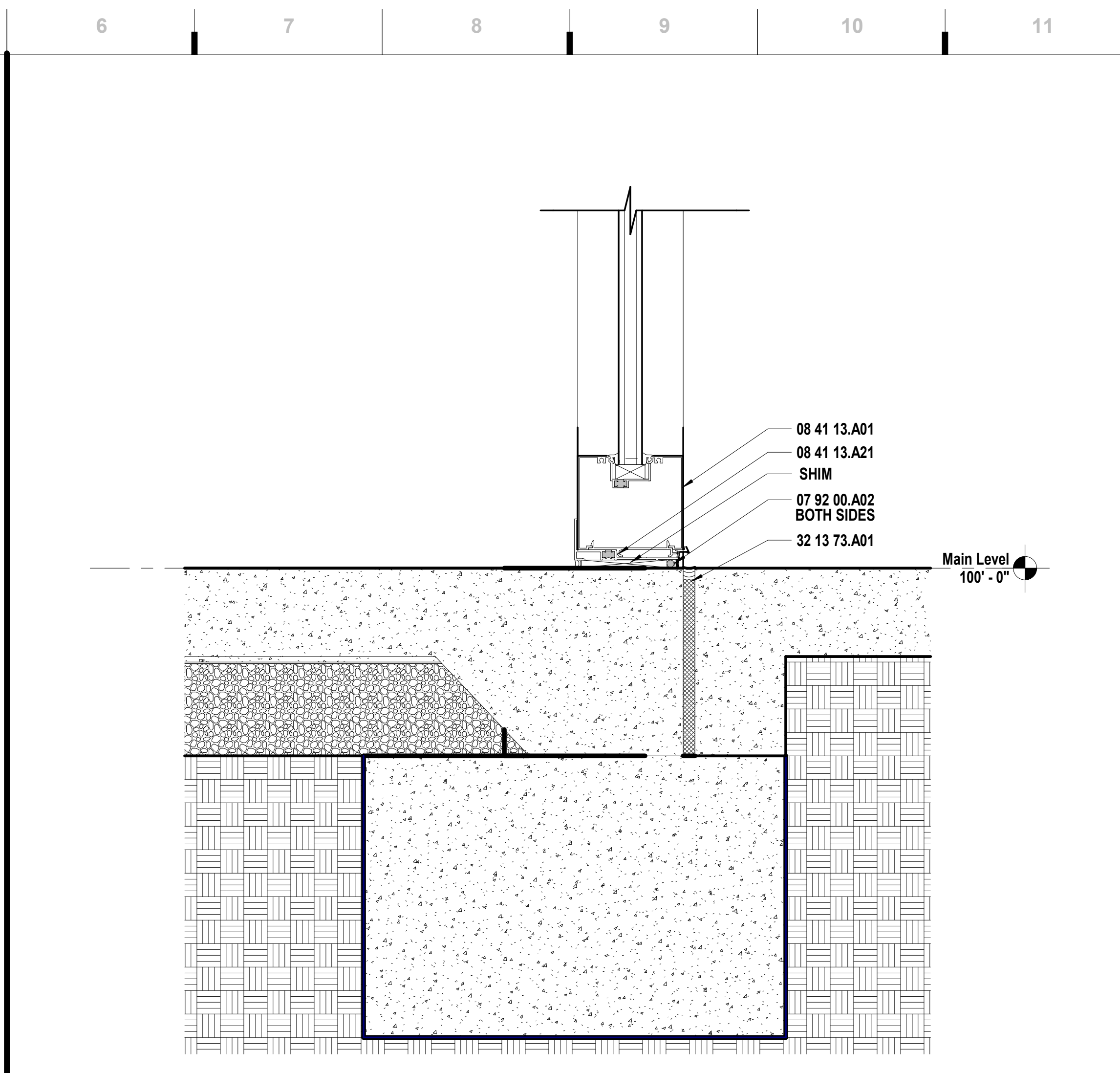
<b>K1</b>	Scale	Wall Section @ Door 133b - E - Head
	3" = 1'-0"	



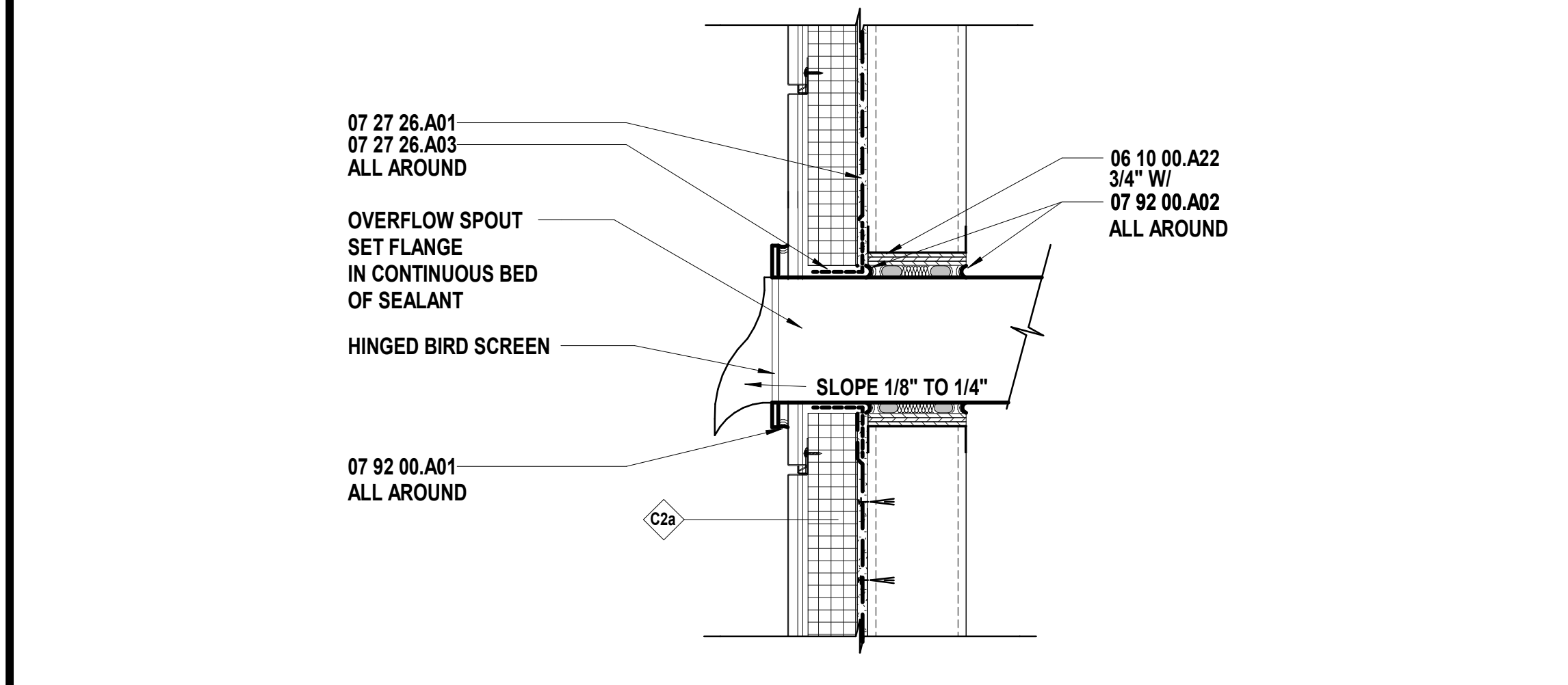
<b>F1</b>	Scale	Jamb Detail - Overhead Door 133b
	3" = 1'-0"	



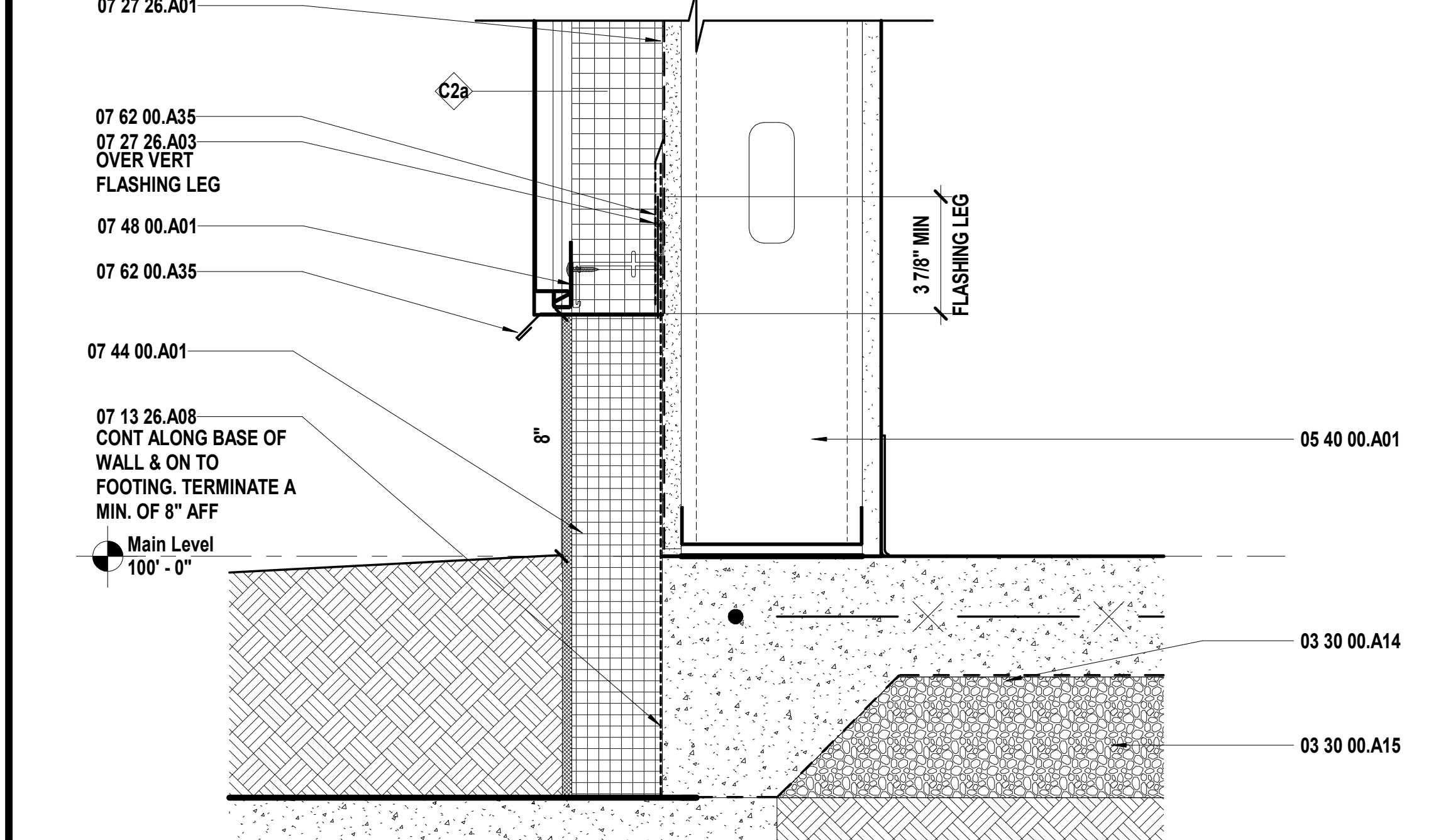
<b>A1</b>	Scale	Wall Section @ Door 133b - E - Threshold
	3" = 1'-0"	



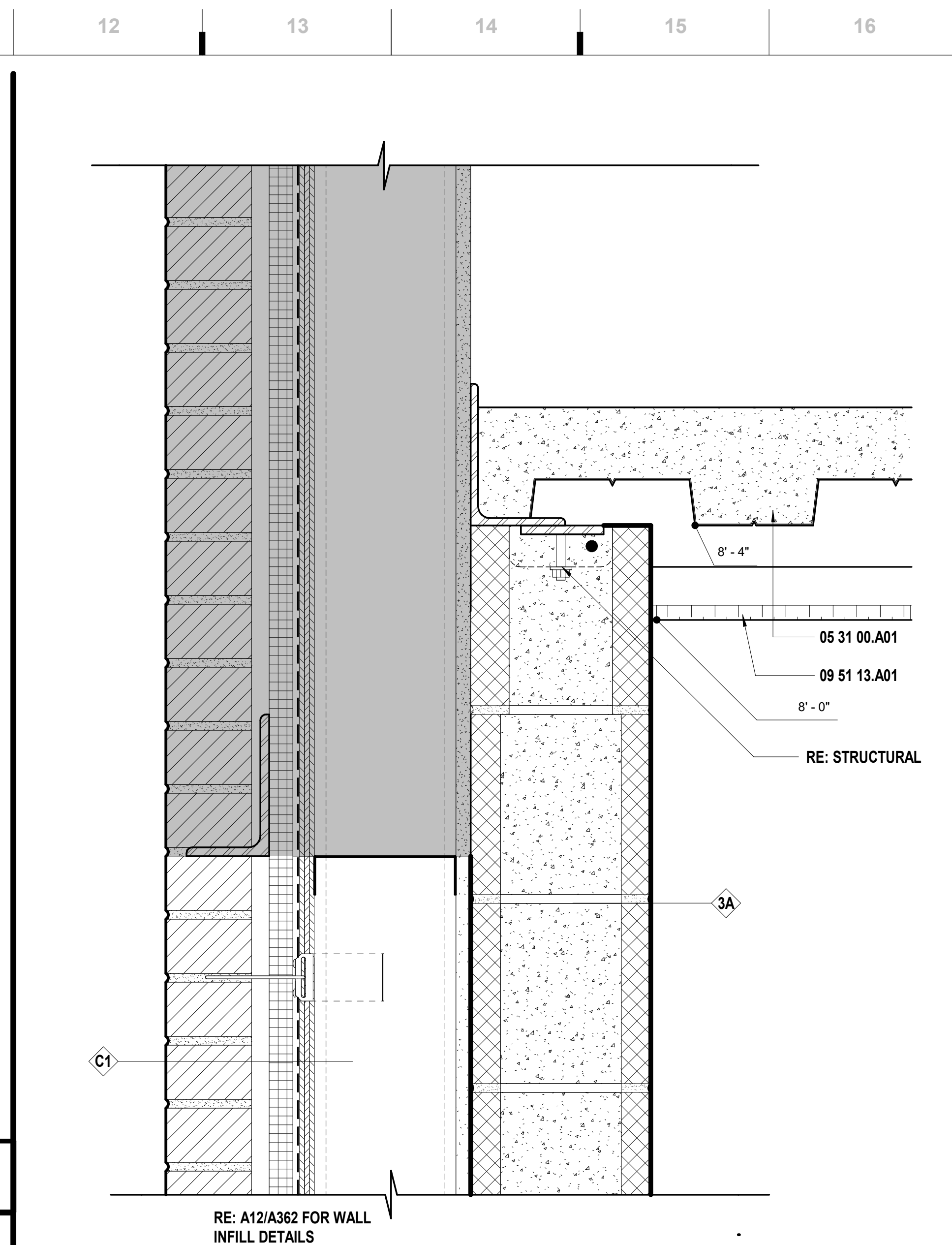
<b>K6</b>	Scale	Exterior Detail - Storefront Sill @ Ground
	3" = 1'-0"	



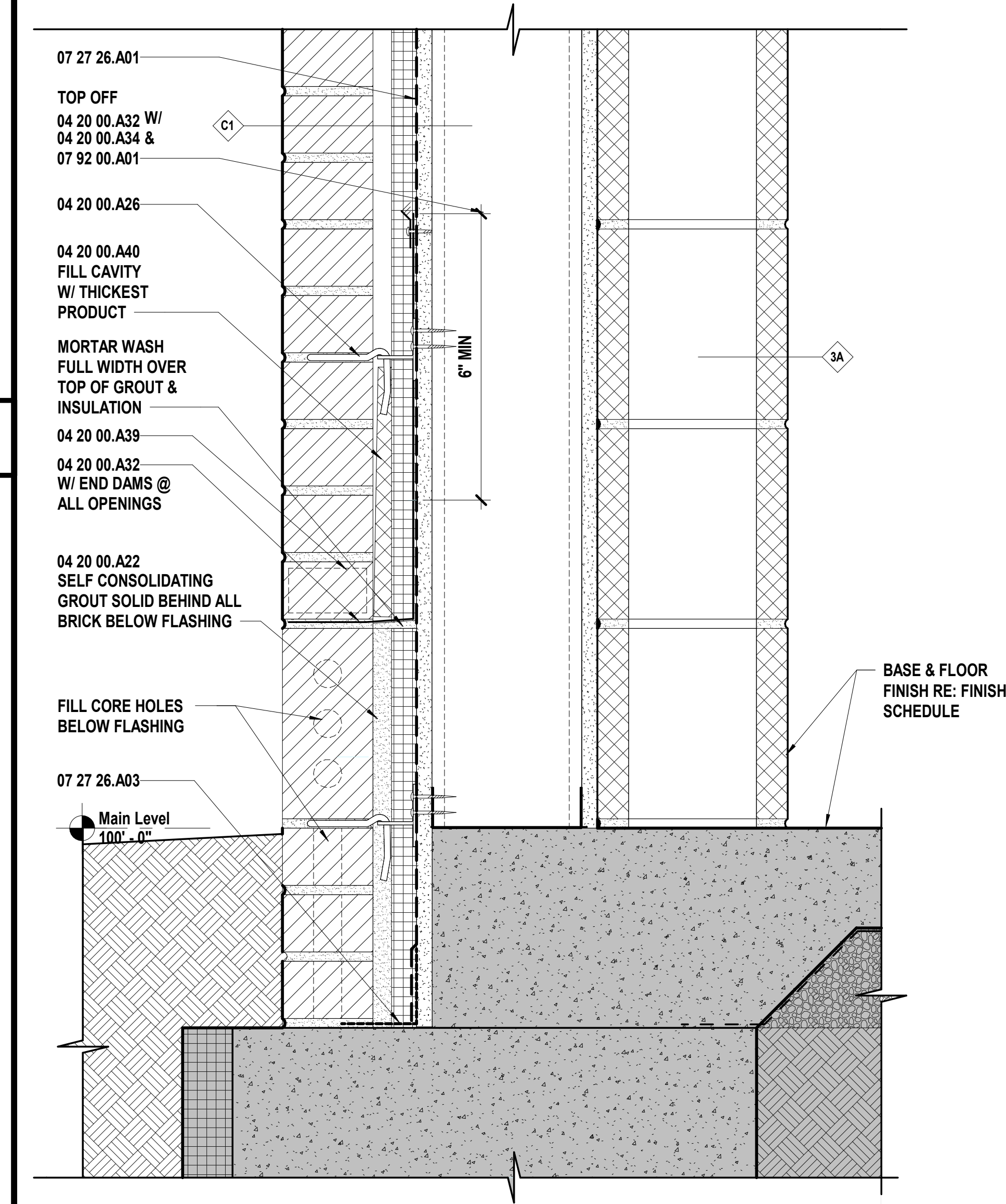
<b>F6</b>	Scale	Pitcher Overflow Spout
	1 1/2" = 1'-0"	



<b>A6</b>	Scale	Section Detail - Base of Wall @ Reception - W
	3" = 1'-0"	



<b>J12</b>	Scale	Wall Section @ Vault 130 - S - Ceiling
	3" = 1'-0"	



<b>A12</b>	Scale	Wall Section @ Vault 130 - S - Bottom of Wall
	3" = 1'-0"	

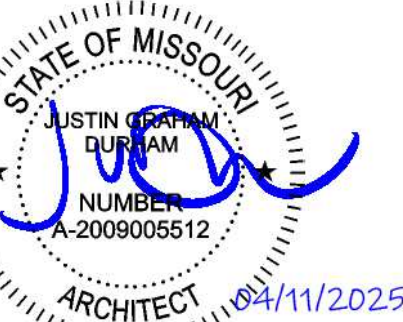
SHEET KEYNOTE LEGEND	
03 30 00.A0.14	VAPOR RETARDERS
03 30 00.A0.15	GRANULAR DRAINAGE FILL
04 20 00.A0.12	FACE BRICK
04 20 00.A0.22	GROUT
04 20 00.A0.26	ADJUSTABLE MASONRY VENEER ANCHORS
04 20 00.A0.31	METAL DRIP EDGES
04 20 00.A0.32	EMBEDDED FLEXIBLE FLASHING
04 20 00.A0.34	FLASHING TERMINATION BARS
04 20 00.A0.39	WEEP HOLEVENT
04 20 00.A0.40	CAVITY DRAINAGE MATERIAL
04 20 00.A0.45	CAVITY WALL INSULATION
05 12 00.A0.03	CHANNEL
05 12 00.A0.04	ANGLE
05 12 00.A0.05	PLATE AND BAR
05 31 00.A0.01	ROOF DECK
05 40 00.A0.01	COLD-FORMED METAL FRAMING
06 10 00.A0.19	PLYWOOD BLOCKING AND BACKING PANELS
06 10 00.A0.22	PRESERVATIVE TREATED PLYWOOD BLOCKING
06 16 00.A0.01	PRESERVATIVE TREATED PLYWOOD
07 13 26.A0.08	MOISTURE BARRIER
07 27 26.A0.01	AIR RETARDING FLUID-APPLIED AIR BARRIER
07 27 26.A0.03	TRANSITION MEMBRANE
07 44 00.A0.01	CONCRETE-FACED RIGID INSULATION
07 48 00.A0.01	RAINSCREEN CURRING SYSTEM
07 62 00.A0.35	PRE-FINISHED MISC METAL FLASHING
07 92 00.A0.01	SEALANT
07 92 00.A0.02	SEALANT W/BACKER ROD
08 33 23.A0.02	OVERHEAD COILING INSULATED SERVICE DOWLS
08 41 13.A0.01	THERMAL BROKEN STOREFRONT FRAMING (4.5")
08 41 13.A0.21	ALUMINUM SUBSILL
09 51 13.A0.01	ACOUSTICAL CEILING PANELS
32 13 73.A0.01	EXPANSION/ISOLATION JOINT W/SEALANT

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architects

**CONSTRUCTION  
DOCUMENTS**

**Sedalia Central Office Relocation**  
Sedalia School District 200  
1712 S Lafayette Ave  
Sedalia, MO 65301

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**JOB NO: 23195**  
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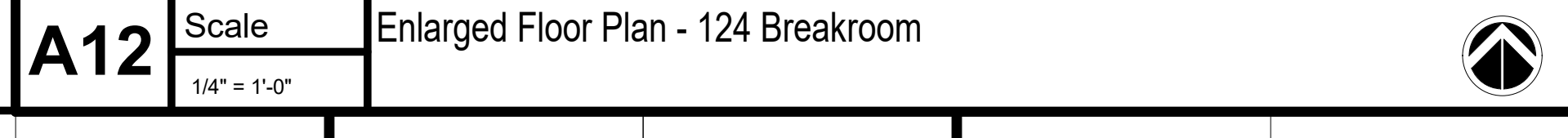
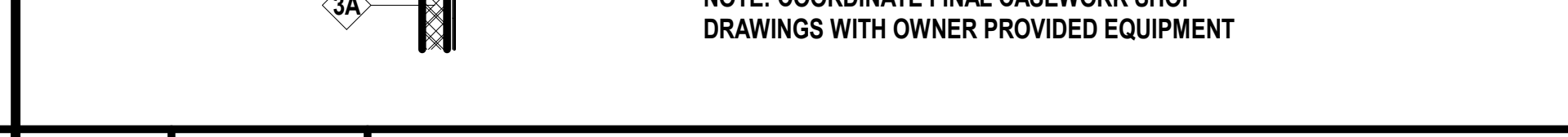
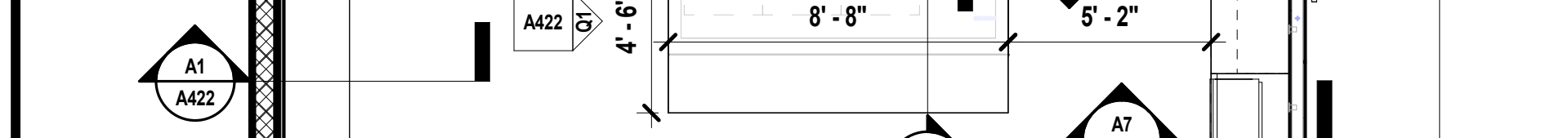
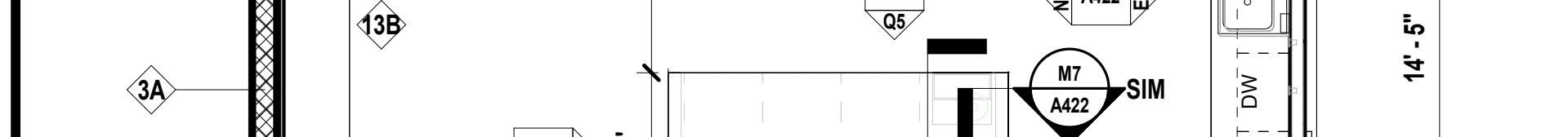
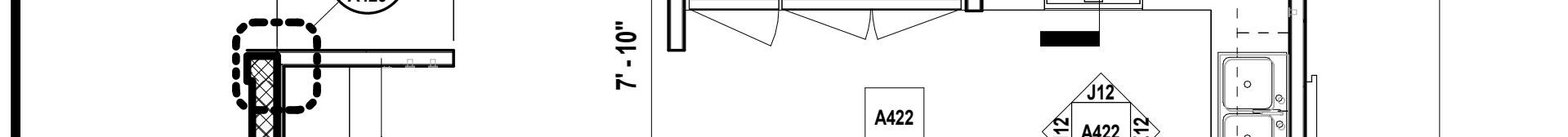
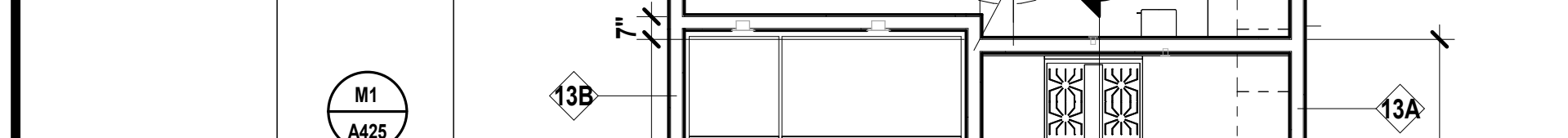
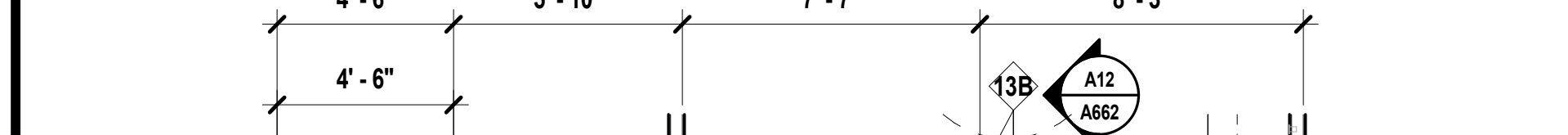
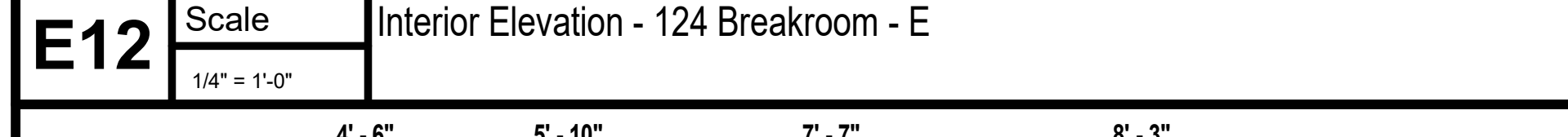
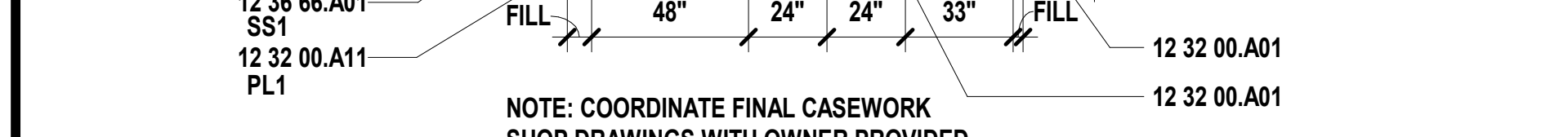
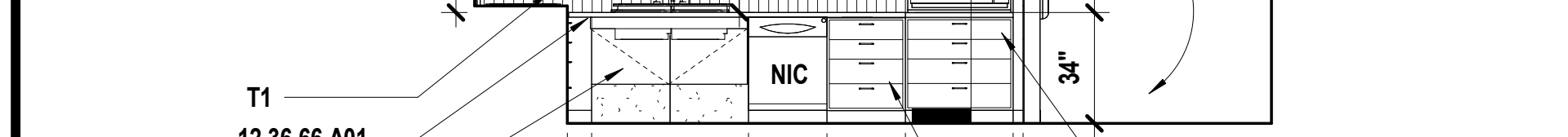
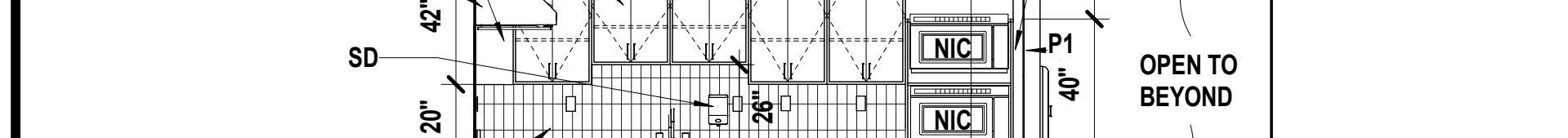
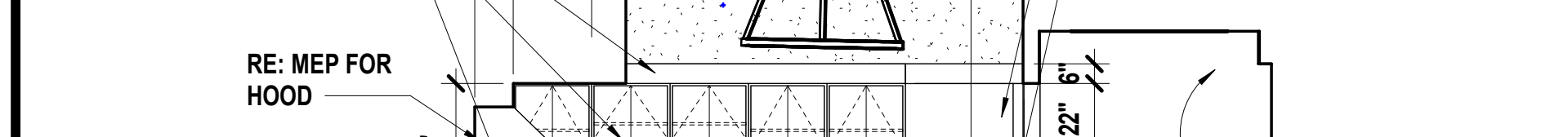
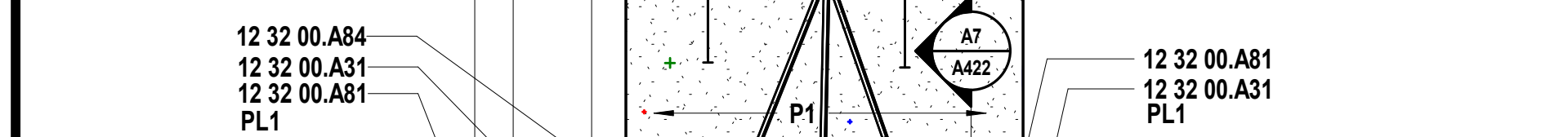
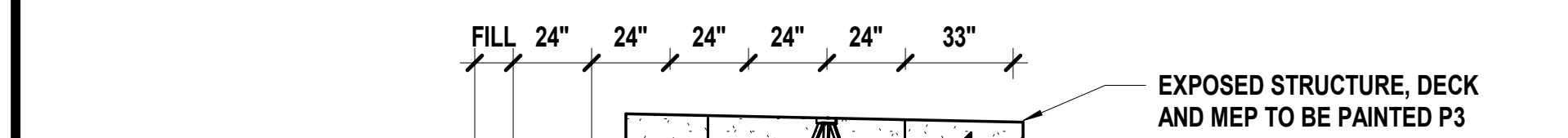
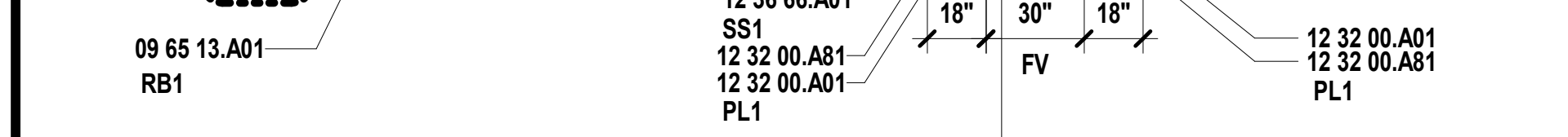
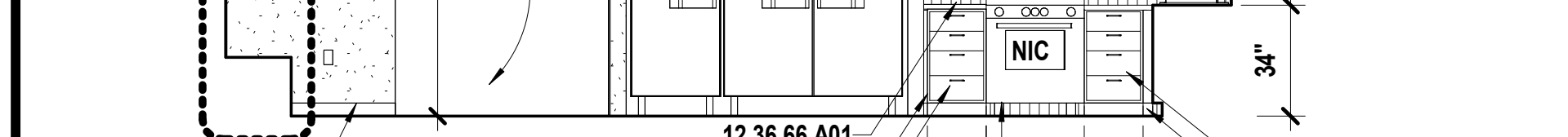
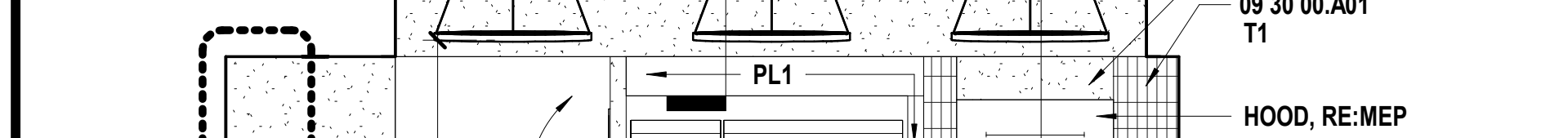
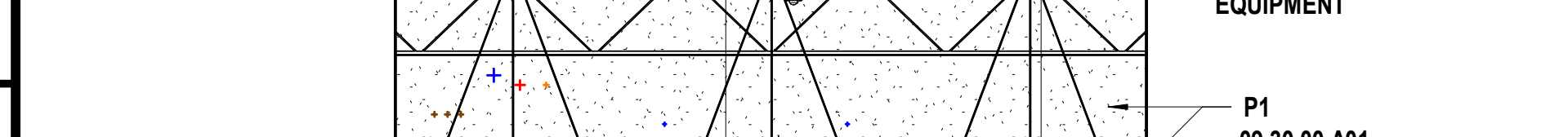
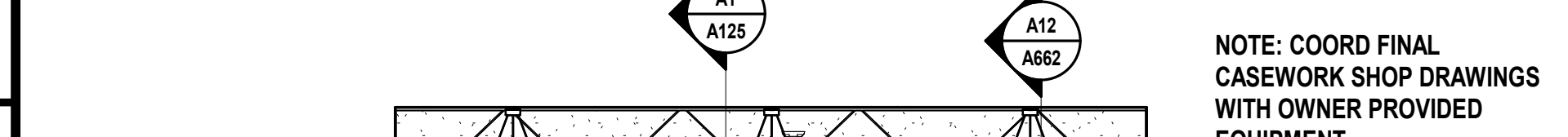
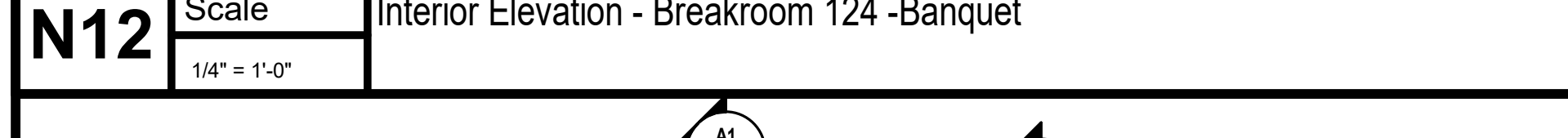
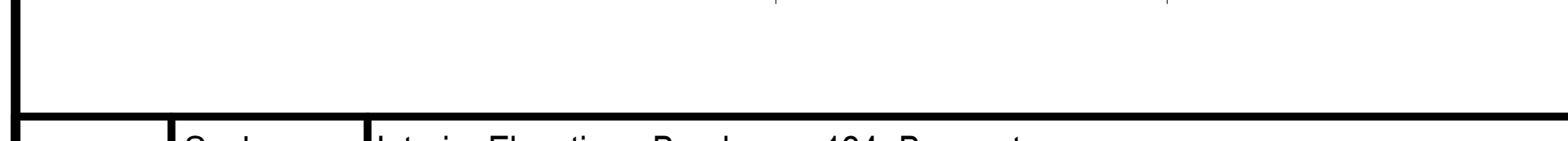
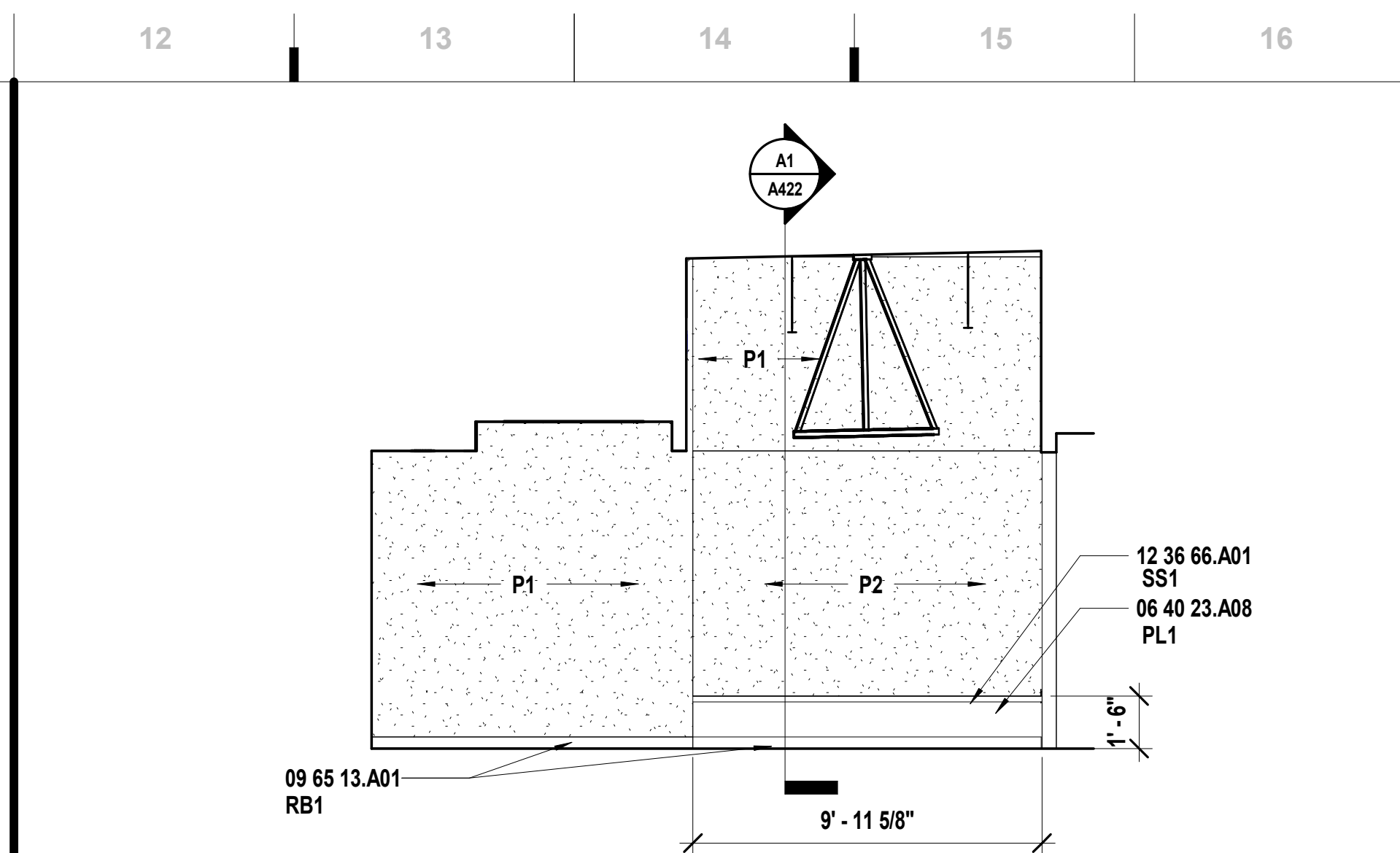
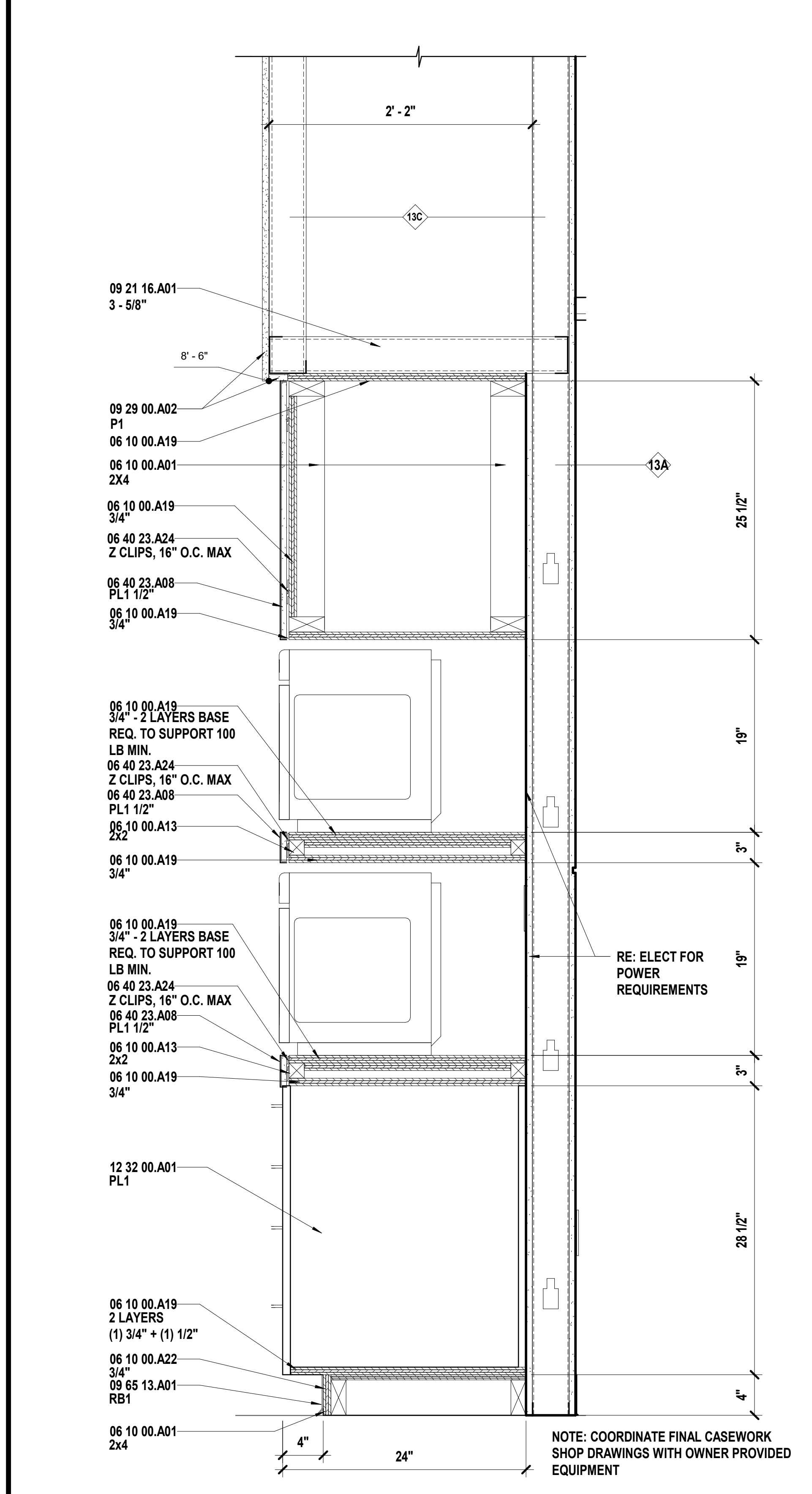
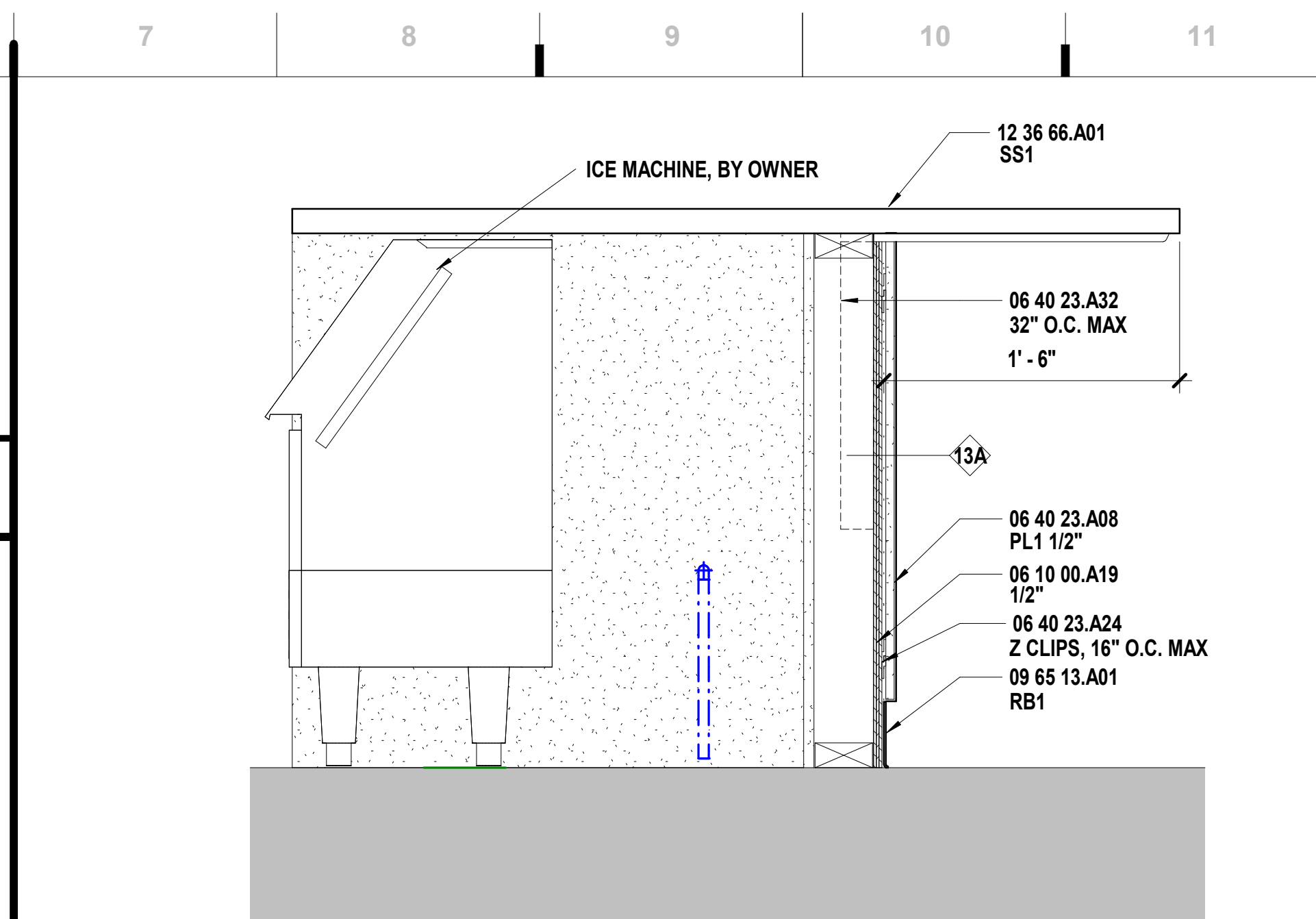
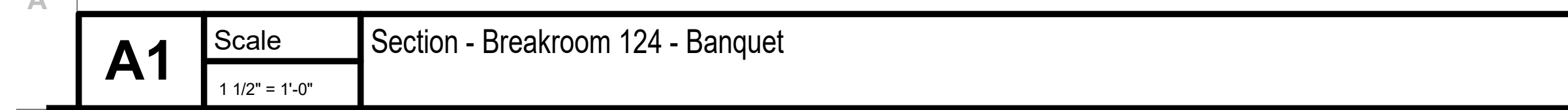
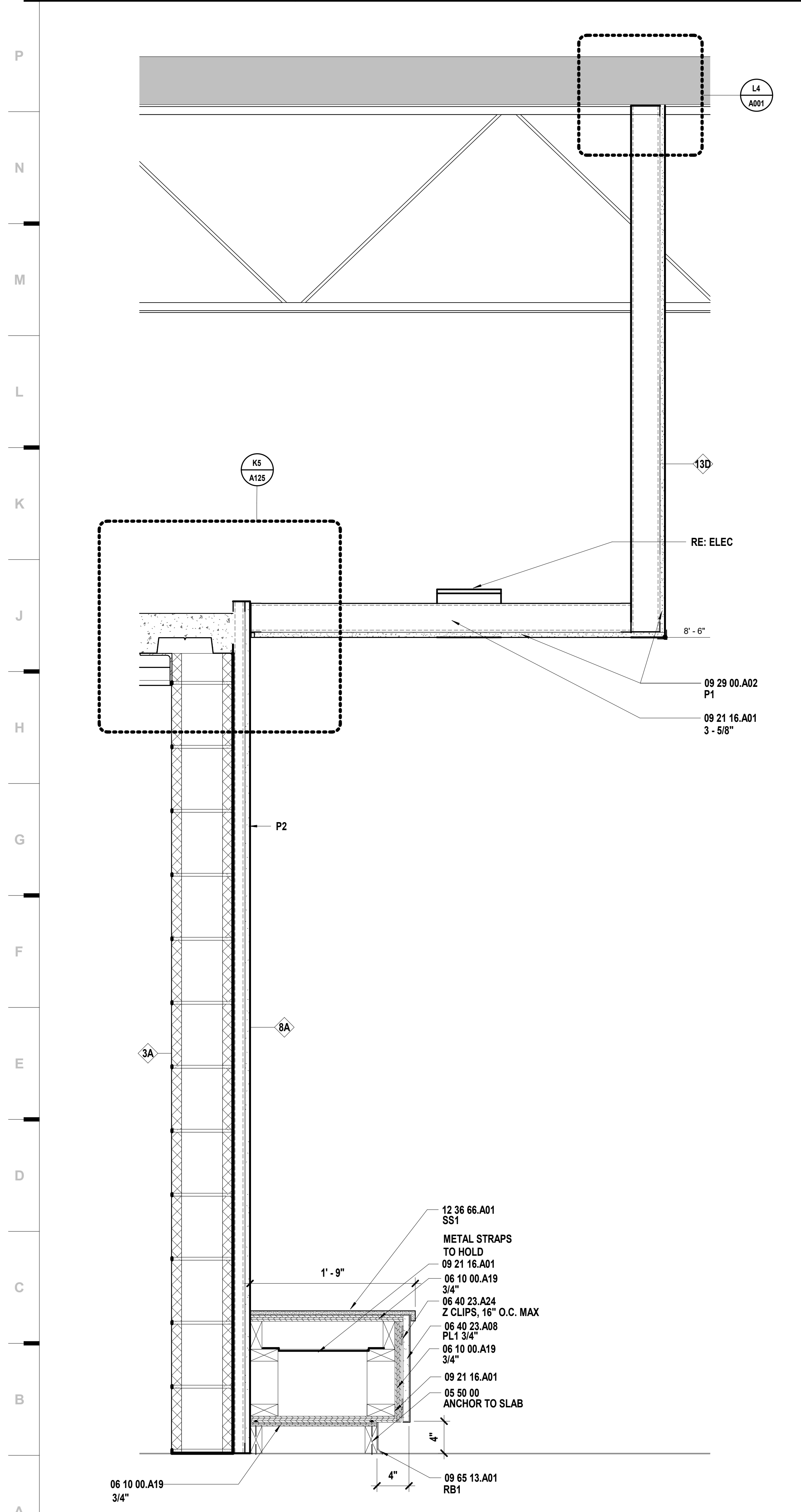
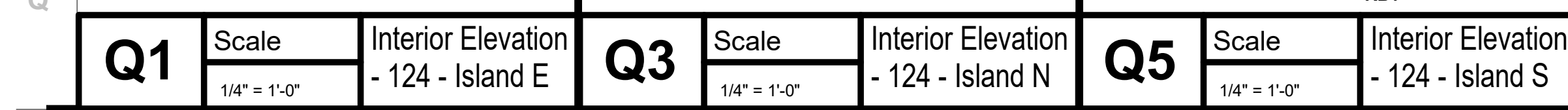
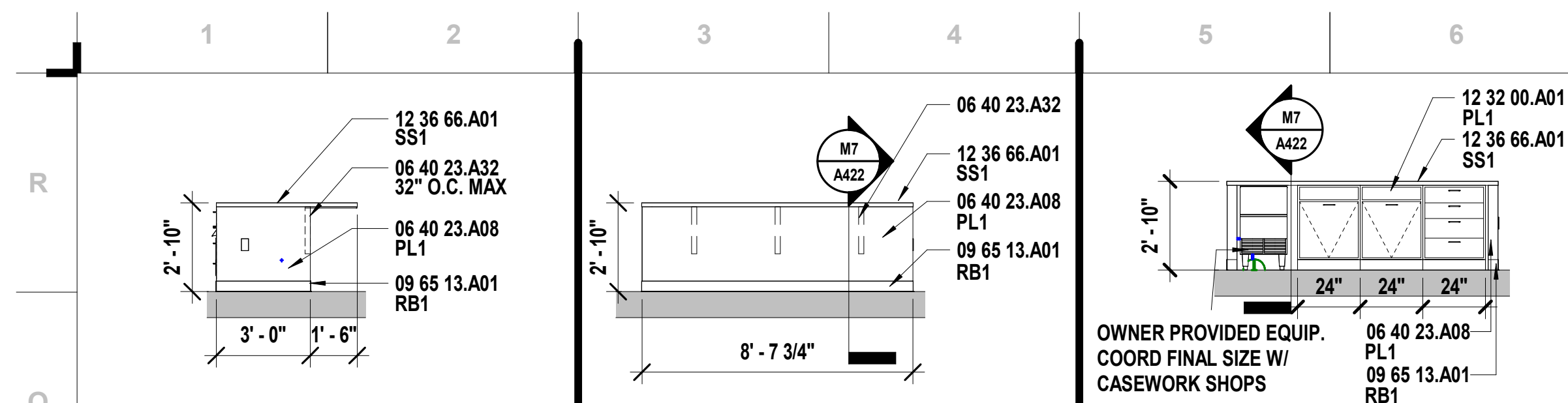
# A362

## EXTERIOR DETAILS









SHEET KEYNOTE LEGEND	
05 00 00	METAL FABRICATIONS
06 10 00.A01	DIMENSION LUMBER FRAMING
06 10 00.A13	WOOD BLOCKING/NAILERS
06 10 00.A19	PLYWOOD BLOCKING AND BACKING PANELS
06 10 00.A22	PRESERVATIVE TREATED PLYWOOD BLOCKING
06 40 23.A08	PLASTIC LAMINATE-CLAD PANELS
06 40 23.A24	METAL EDGE TRIM
06 40 23.A32	CONCEALED BRACKET
09 21 16.A01	NON-STRUCTURAL FRAMING
09 29 00.A02	GYPSUM BOARD - TYPE X
09 30 00.A01	TILE
09 65 13.A01	RESILIENT BASE
10 44 13.A13	SEMI-RECESSED ALUMINUM CABINET
12 32 00.A01	BASE CABINET
12 32 00.A11	ADA SINK BASE
12 32 00.A31	WALL CABINET
12 32 00.A81	FILLER
12 32 00.A84	APRON
12 38 66.A01	SOLID SURFACE COUNTERTOP

1. REFER TO SHEET G000 FOR SHEET INDEX
2. DO NOT SCALE THIS DRAWING
3. ALL INTERIOR WALLS ARE WALL TYPE 13b UNLESS NOTED OTHERWISE.
4. NOT USED
5. INTERIOR DIMENSIONS ARE TO THE FOLLOWING, UNLESS NOTED OTHERWISE:
  - A. TO FACE OF STUD
  - B. TO FACE OF MASONRY UNIT
  - C. TO FACE OF DOOR AND WINDOW ROUGH OPENINGS
6. EXTERIOR DIMENSIONS ARE TO THE FOLLOWING, UNLESS NOTED OTHERWISE:
  - A. TO FACE OF STUD
  - B. TO FACE OF MASONRY UNIT
  - C. TO FACE OF DOOR AND WINDOW ROUGH OPENINGS
7. COORDINATE LOCATIONS WHERE BACKING IS REQUIRED FOR WALL HUNG CASEWORK, MARKERBOARDS, WALL HUNG ACCESSORIES AND TECHNOLOGY
8. REFER TO A601 FINISH FLOOR PLAN FOR INTERIOR ELEVATION CALLOUTS
9. ADD 1/2" (9.29 00 A06 GYP TO ALL EXPOSED PORTIONS OF EXISTING EXTERIOR WALLS. RETURN GYP TO WINDOW FRAMES.
10. REPLACE EXTERIOR SEALANT AT ALL EXISTING WINDOWS

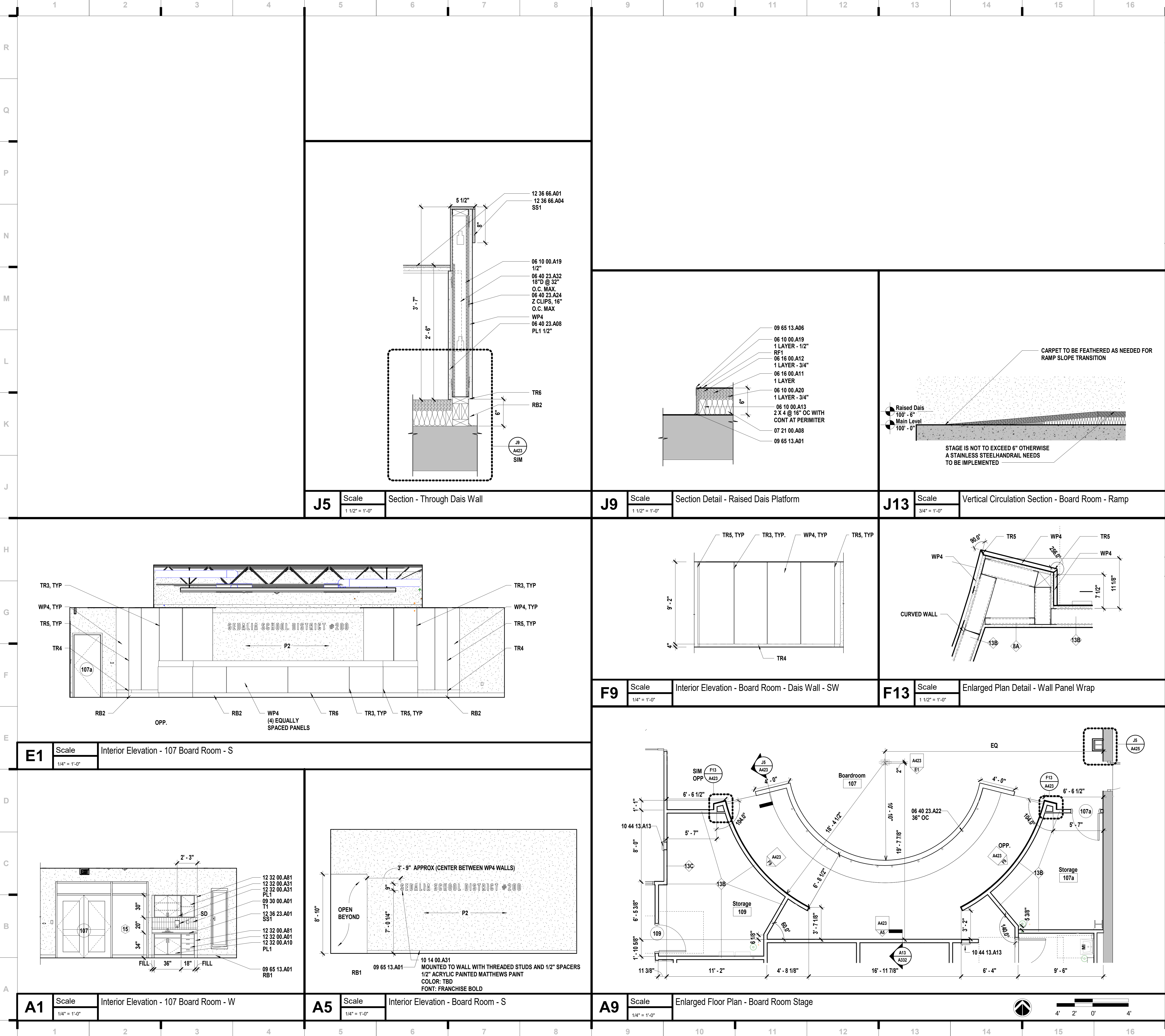
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SHEET MATERIAL FINISH LEGEND		
ID	MATERIAL	COLOR/FINISH

CG1	Corner Guard	Clear
CLG1	Ceiling	White
CLG2	Ceiling	Honey Oak
CLG3	Ceiling	Golden Maple
HP1	High Performance Coating	West Highland White
HP2	High Performance Coating	Peppercorn
MP1	Metal Wall Panels	Bone White DRI-002
P1	Paint	West Highland Gray
P2	Paint	Analytical Gray
P3	Paint	Peppercorn
P4	Paint	Studio Clay
TB1	Tableboard	Buff NO. 1109
TR1	Metal Edge Trim	Anodized Aluminum
TR2	Millwork Trim	Clear Anodized
TR3	Millwork Trim	MWU5050, 1/2"
TR4	Millwork Trim	MWRB50400, 1/2"
TR5	Millwork Trim	MWCK50, 1/2"
TR6	Millwork Trim	MNP121550
TR7	Floor Transition	Dove (LRV:27)
TR8	Floor Transition	Dove (LRV:27)
TR9	Ceiling Trim	White
TR10	Stair Nosing	Black
WF1	Window Film	Aerina
WP2	Wall Paneling	PL.2
WP3	Wall Paneling	PL.3
WP4	Wall Paneling	Attached to wall w/ TR2, RE:Elev for TR3-6

[illegible][illegible]





SHEET KEYNOTE LEGEND

06 10 00.A13	WOOD BLOCKING/NAILERS
06 10 00.A19	PLYWOOD BLOCKING AND BACKING PANELS
06 10 00.A20	FIRE-RETARDANT TREATED PLYWOOD BLOCKING AND BACKING PANELS
06 16 00.A11	PLYWOOD SUBFLOORING
06 16 00.A12	UNDERLAYMENT
06 40 23.A08	PLASTIC LAMINATE-CLAD PANELS
06 40 23.A22	GROMMETS
06 40 23.A24	METAL EDGE TRIM
06 40 23.A32	CONCEALED BRACKET
07 21 00.A08	UNFACED GLASS FIBER BLANKET INSULATION
09 30 00.A01	TILE
09 65 13.A01	RESILIENT BASE
09 65 13.A06	RESILIENT MOLDING ACCESSORY
10 14 00.A31	CUSTOM
10 44 13.A13	SEMI-RECESSED ALUMINUM CABINET
12 32 00.A01	BASE CABINET
12 32 00.A10	SINK BASE
12 32 00.A31	WALL CABINET
12 32 00.A81	FILLER
12 36 23.A01	PLASTIC-LAMINATE-CLAD COUNTERTOP
12 36 66.A01	SOLID SURFACE COUNTERTOP
12 36 66.A04	SOLID SURFACE PANEL

SHEET NOTES

- REFER TO SHEET G000 FOR SHEET INDEX
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- ADD 1/2" 09 29 00.A06 GYP TO ALL EXPOSED PORTIONS OF EXISTING EXTERIOR WALLS. RETURN GYP TO WINDOW FRAMES.
- REPLACE EXTERIOR SEALANT AT ALL EXISTING WINDOWS

SHEET MATERIAL FINISH LEGEND

ID	MATERIAL	COLOR/FINISH
CG1	Corner Guard	Clear
CLG1	Ceiling	White
CLG2	Ceiling	Honey Oak
CLG3	Ceiling	Golden Maple
HP1	High Performance Coating	West Highland White
HP2	High Performance Coating	Peppercorn
MP1	Metal Wall Panels	Bone White DRI-002
P1	Paint	West Highland White
P2	Paint	Analytical Gray
P3	Paint	Peppercorn
P4	Paint	Studio Clay
TB1	Tackboard	Buff NO. 1109
TR1	Metal Edge Trim	Anodized Aluminum
TR2	Millwork Trim	Clear Anodized
TR3	Millwork Trim	MWU5050, 1/2"
TR4	Millwork Trim	MWRB50400, 1/2"
TR5	Millwork Trim	MWCK50, 1/2"
TR6	Millwork Trim	MWPT12550
TR7	Floor Transition	Dove (LRV:27)
TR8	Floor Transition	Dove (LRV:27)
TR9	Ceiling Trim	White
TR10	Stair Nosing	Black
WF1	Window Film	Aerina
WP2	Wall Paneling	PL2
WP3	Wall Paneling	PL3
WP4	Wall Paneling	Attached to wall w/ TR2, RE:Elev for TR3-6

Sedalia Central Office Relocation  
Sedalia School District 200

1712 S Lafayette Ave  
Sedalia, MO 65301

REVISIONS:

#	Description	Date
1	Issue for Permit	04/11/2025



JOB NO: 23195  
DRAWN BY: AR  
CHECKED BY: JB  
DATE: 04/11/2025

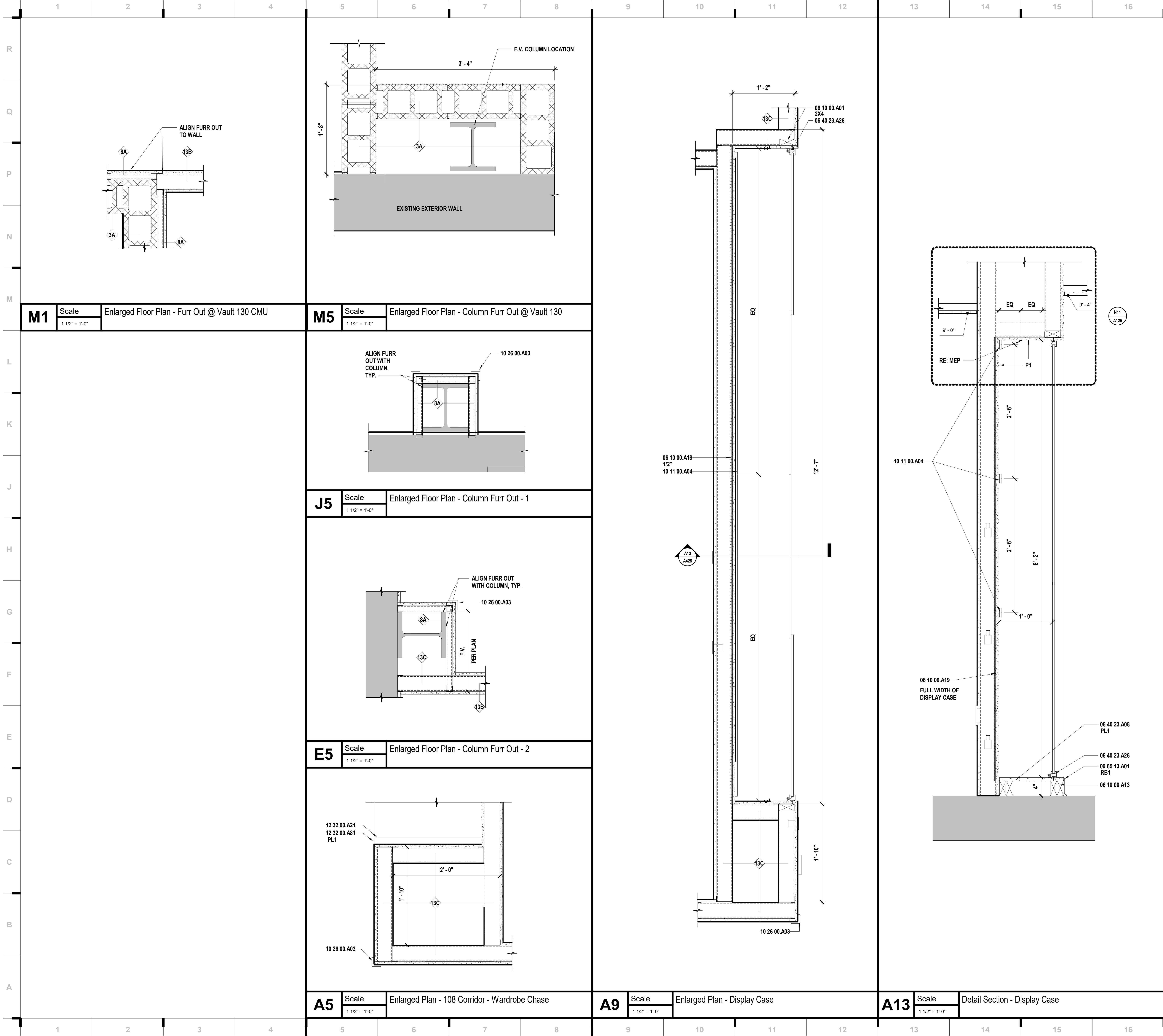
A423







4/11/2025 9:39:23 AM



### SHEET KEYNOTE LEGEND

06 10 00.A01	DIMENSION LUMBER FRAMING
06 10 00.A13	WOOD BLOCKING/NAILERS
06 10 00.A19	PLYWOOD BLOCKING AND BACKING PANELS
06 40 23.A08	PLASTIC LAMINATE-CLAD PANELS
06 40 23.A26	SLIDING DISPLAY CASE DOOR SYSTEM
09 65 13.A01	RESILIENT BASE
10 11 00.A04	VISUAL DISPLAY RAILS
10 26 00.A03	CORNER GUARDS
12 32 00.A21	TALL CABINET
12 32 00.A81	FILLER

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417.708.7025 phone  
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### CONSTRUCTION DOCUMENTS

**Sedalia Central Office Relocation**  
Sedalia School District 200  
1712 S Lafayette Ave  
Sedalia, MO 65301

REVISIONS:		
#	Description	Date

STATE OF MISSOURI  
JULIAN G. HAM  
NUMBER  
A-2009005512  
ARCHITECT

04/11/2025

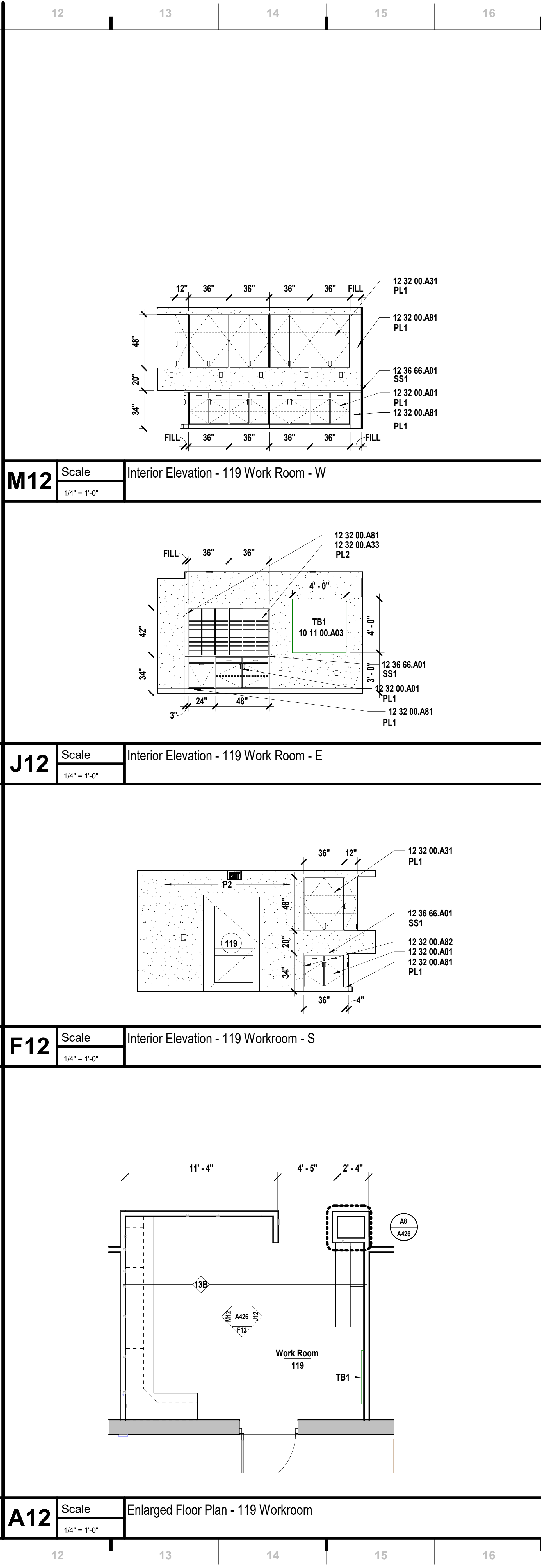
JOB NO: 23195  
DRAWN BY: AR  
CHECKED BY: JB  
DATE: 04/11/2025

## A425

ENLARGED PLANS & DETAILS

Please consider the environment before printing this.





17	
<b>SHEET KEYNOTE LEGEND</b>	
09 30 00.A01	TILE
10 11 00.A03	TACKBOARDS
10 26 00.A03	CORNER GUARDS
12 32 00.A01	BASE CABINET
12 32 00.A10	SINK BASE
12 32 00.A31	WALL CABINET
12 32 00.A33	MAIL CUBICLE WALL CABINET
12 32 00.A81	FILLER
12 32 00.A82	FINISHED END
12 36 66.A01	SOLID SURFACE COUNTERTOP
<b>ENLARGED PLANS</b>	

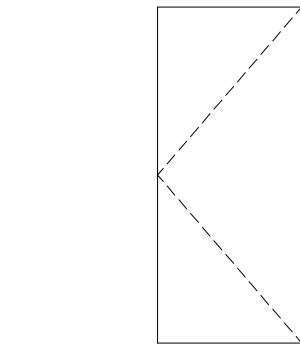
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DOOR SCHEDULE

	DOOR				Frame		All DETAILS on A521 UNO				Fire Rating	Remarks
	Number	Size	Type	Glass	Type	Material	Head	Strike	Hinge	Thresh		
Q	100	PR 3'-0" x 7'-0" x 1 3/4"	E10	82	3	ALUM	A1/A142	A1/A522	A1/A522	E1/A522	--	CARD READER, ACCESSIBLE PUSH BUTTON, DARK BRONZE FRAME
	100a	PR 3'-0" x 7'-0" x 1 3/4"	E9	82	11	ALUM	J14	L9/A424	A14	--	--	CARD READER, ACCESSIBLE PUSH BUTTON, BUZZ IN, DARK BRONZE FRAME
	101	3'-0" x 7'-0" x 1 3/4"	E1	21	14	ALUM	J14	A14	A14	--	--	CARD READER, ALWAYS SHUT, SILVER FRAME
	101a	3'-0" x 7'-0" x 1 3/4"	E1	21	13	ALUM	J14	E14	E14	--	--	CARD READER, ALWAYS SHUT, SILVER FRAME
P	102	3'-0" x 7'-0" x 1 3/4"	A1	--	14	ALUM	J14	A14	A14	--	--	SILVER FRAME
	103	3'-0" x 7'-0" x 1 3/4"	A1	--	12	ALUM	J14	A14	E14	--	--	SILVER FRAME
	104	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	105	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
N	106	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	107	PR 3'-0" x 7'-0" x 1 3/4"	E1	21	15	ALUM	J14	A14	E14	--	--	SILVER FRAME
	107a	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	107b	3'-0" x 7'-0" x 1 3/4"	A8	--	9	ALUM	--	--	--	--	--	EXISTING FRAME TO REMAIN
M	107c	3'-0" x 7'-0" x 2"	E1	21	A	HM	N11	A11	A11	--	--	CARD READER, ALWAYS SHUT
	109	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	110	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	111	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
L	112	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	113	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	114	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	115	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	PAINT DOOR & FRAME HP3
K	116	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	PAINT DOOR & FRAME HP3
	117	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	PAINT DOOR & FRAME HP3
	118	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	PAINT DOOR & FRAME HP3
	119	4'-0" x 7'-0" x 1 3/4"	E10	82	8	ALUM	J11/A522	E11/A522	E11/A522	E1/A522	--	FV DOOR SIZE @ EXISTING OPENING, DARK BRONZE FRAME
J	120	3'-0" x 7'-0" x 1 3/4"	A1	--	16	ALUM	J14	A14	A14	--	--	SILVER FRAME
	121	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	PAINT DOOR & FRAME HP3
	122	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	PAINT DOOR & FRAME HP3
	123	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	PAINT DOOR & FRAME HP3
I	125	3'-0" x 7'-0" x 1 3/4"	A1	--	A	HM	N11	A11	A11	--	--	
	126	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	127	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	128	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
H	129	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	130	3'-0" x 7'-0" x 1 3/4"	A3	--	C	HM	J11SIM	E11	E11	--	90 MIN	
	131	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	132	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
G	132a	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	45 MIN	
	133	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	133a	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	133b	8'-0" x 8'-0"	J2	--	--	--	K1/A362	F1/362	F1/362	A1/A362	--	LATCH LOCK ON INSIDE
F	134	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	135	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	136	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	137	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
E	138	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	139	3'-0" x 7'-0" x 1 3/4"	E10	82	2	ALUM	J7/A522	E7/A522	E7/A522	E1/A522	--	CARD READER, DARK BRONZE FRAME
	140	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	141	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
D	142	3'-0" x 7'-0" x 1 3/4"	A3	--	A	HM	N11	A11	A11	--	--	
	143	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	144	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	145	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
C	146	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	147	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	148	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	
	149	3'-0" x 7'-0" x 1 3/4"	A1	--	B	HM	N11	A11	A11	--	--	

DOOR TYPES

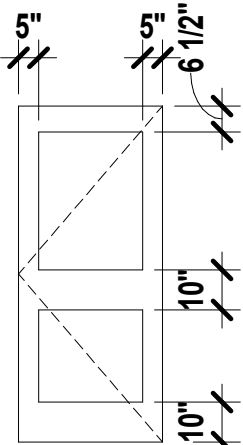


TYPE A DOORS - FLUSH

A1 - SOLID CORE WOOD 08 14 16.A01

A3 - HOLLOW METAL (NON-INSULATED, HEAVY DUTY) 08 11 13.A01

A8 - FRP 08 41 13.A14

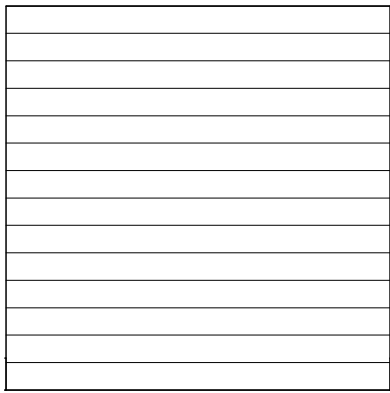


TYPE E DOORS - FULL LITE WITH MID-RAIL

E1 - SOLID CORE WOOD 08 14 16.A01

E9 - ALUMINUM (STANDARD) 08 41 13.A11

E10 - ALUMINUM (HEAVY DUTY) 08 41 13. A12



TYPE J DOORS - OH & SIDE COILING DOORS & GRILLES

J2 - OVERHEAD COILING INSULATED SERVICE DOOR 08 33 23.A02

GLASS LEGEND

GLASS TYPE = 1

FULLY-TEMPERED MONOLITHIC FLOAT GLASS

12 08 80 00.A12 3/8" CLEAR FULLY-TEMPERED MONOLITHIC FLOAT GLASS

LAMINATED GLASS

21 08 80 00.A21 CLEAR LAMINATED GLASS

INSULATING GLASS

31 08 80 00.A31 LOW-E CLEAR INSULATED GLASS

INSULATING FULL-TEMPERED GLASS

41 08 80 00.A41 LOW-E CLEAR INSULATED FULLY-TEMPERED GLASS

SECURITY GLASS

82 08 80 00.A82 FORCED ENTRY INSULATED GLASS

GLAZING FILM

93 08 80 00.A93 DECORATIVE FILM

DOOR TYPE NOTES

- REFER TO DOOR SCHEDULE FOR OVERALL DOOR DIMENSIONS
- DIMENSIONS ASSOCIATED WITH VISION LITES ARE TO THE OUTSIDE OF THE VISION LITE FRAME UNLESS NOTED OTHERWISE
- REFER TO DOOR SCHEDULE TO DETERMINE WHICH DOORS ARE REQUIRED TO BE FIRE RATED
- REFER TO DOOR SCHEDULE FOR GLASS TYPES IN DOORS
- PAINT HM FRAMES COLOR NOTED ON A681 OR SPECIALTY COLOR INDICATED ON DOOR SCHEDULE

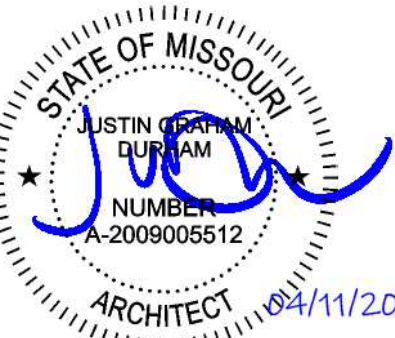
Sedalia Central Office Relocation

Sedalia School District 200

1712 S Lafayette Ave  
Sedalia, MO 65301

REVISIONS:

#	Description	Date
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JOB NO: 23195  
DRAWN BY: AS  
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A501

DOOR SCHEDULE

CONSTRUCTION DOCUMENTS

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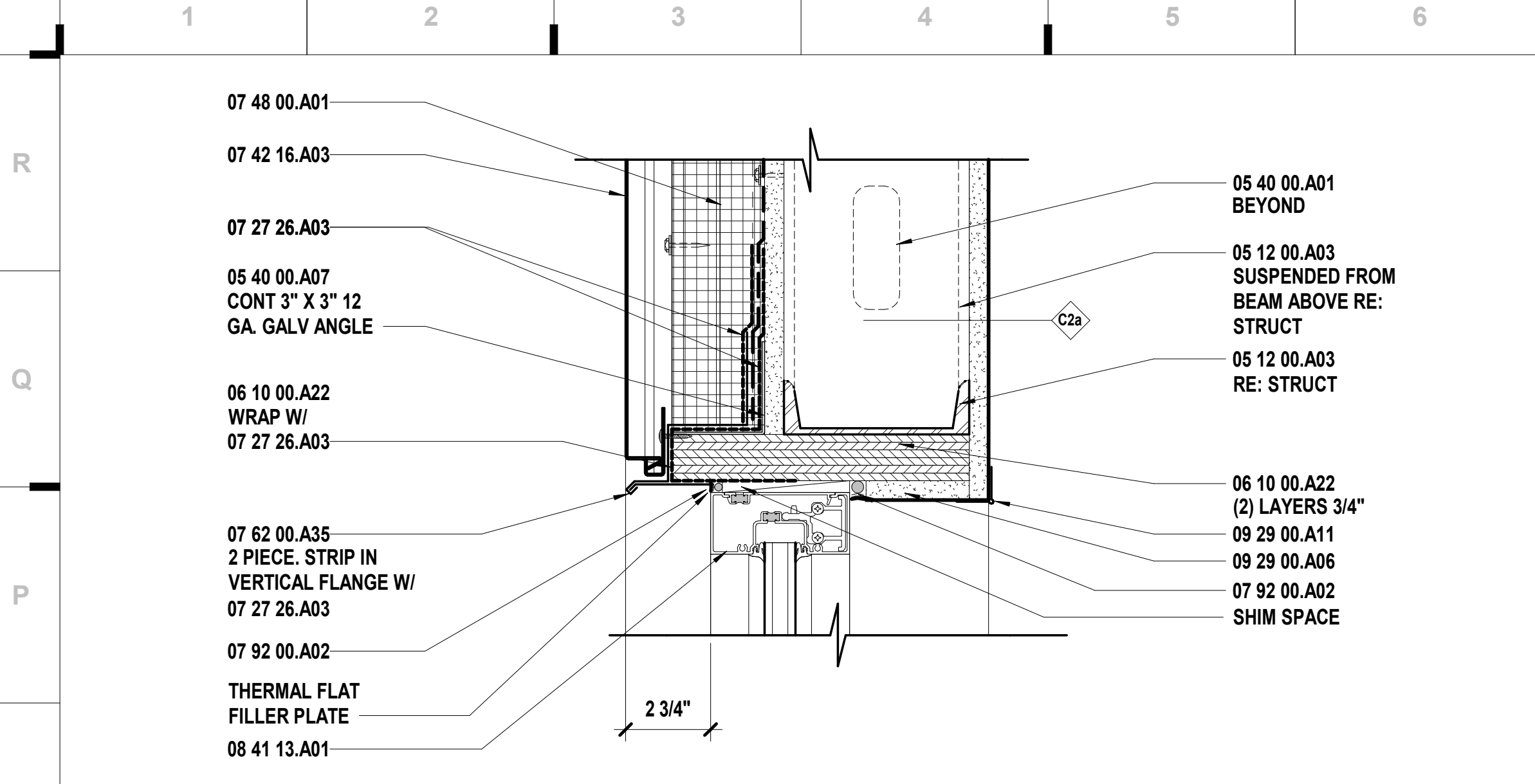




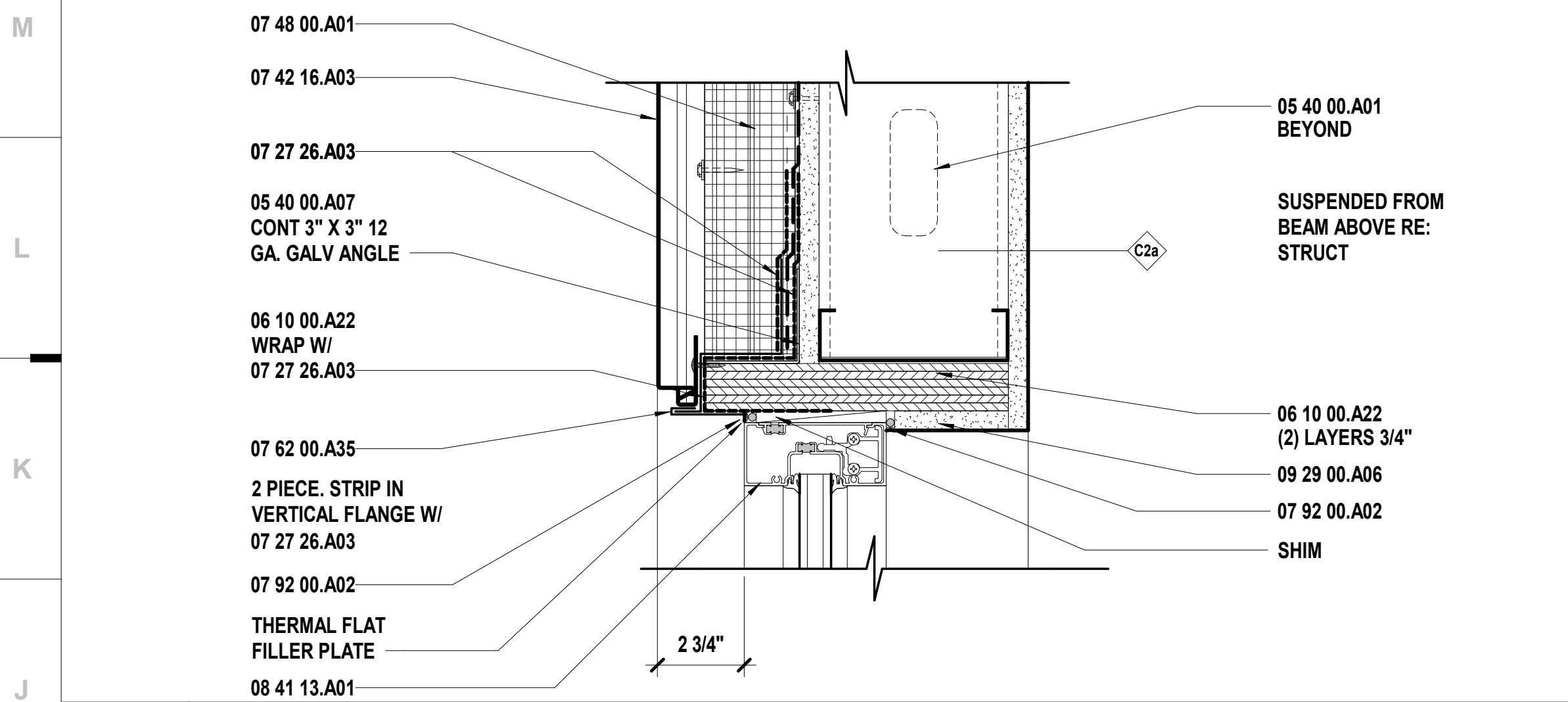


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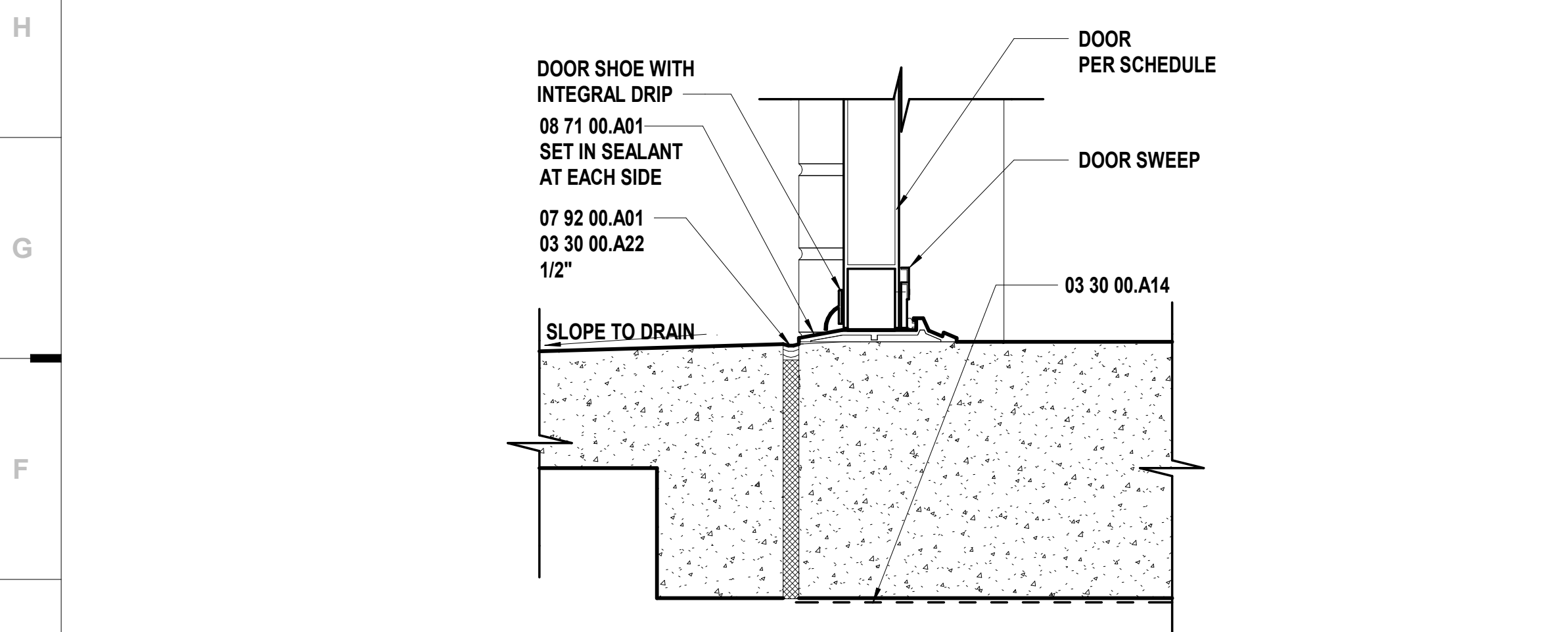




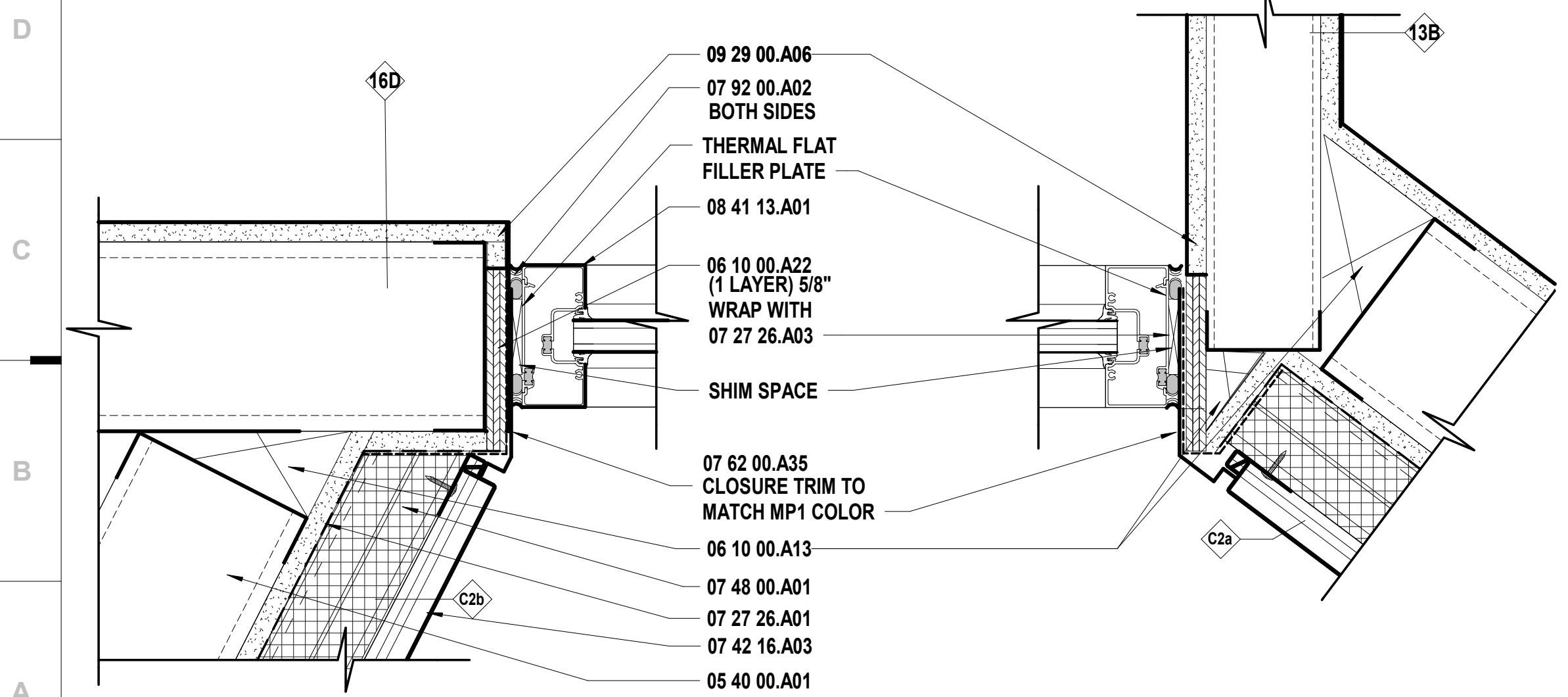
**N1** Scale 3" = 1'-0" Exterior Detail - Storefront Head @ Metal Panel Openings



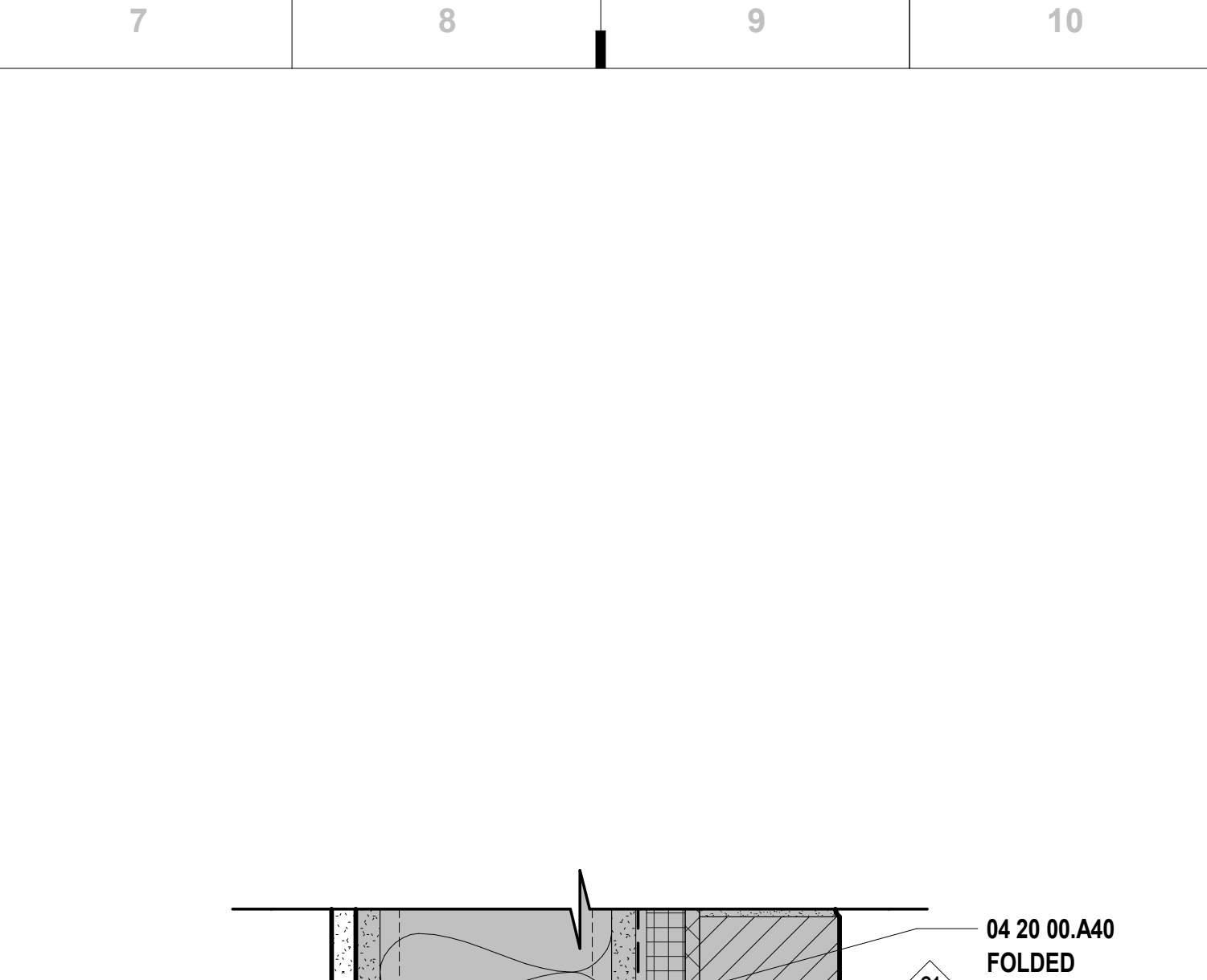
**J1** Scale 3" = 1'-0" Exterior Detail - Storefront Jamb @ Metal Panel Openings



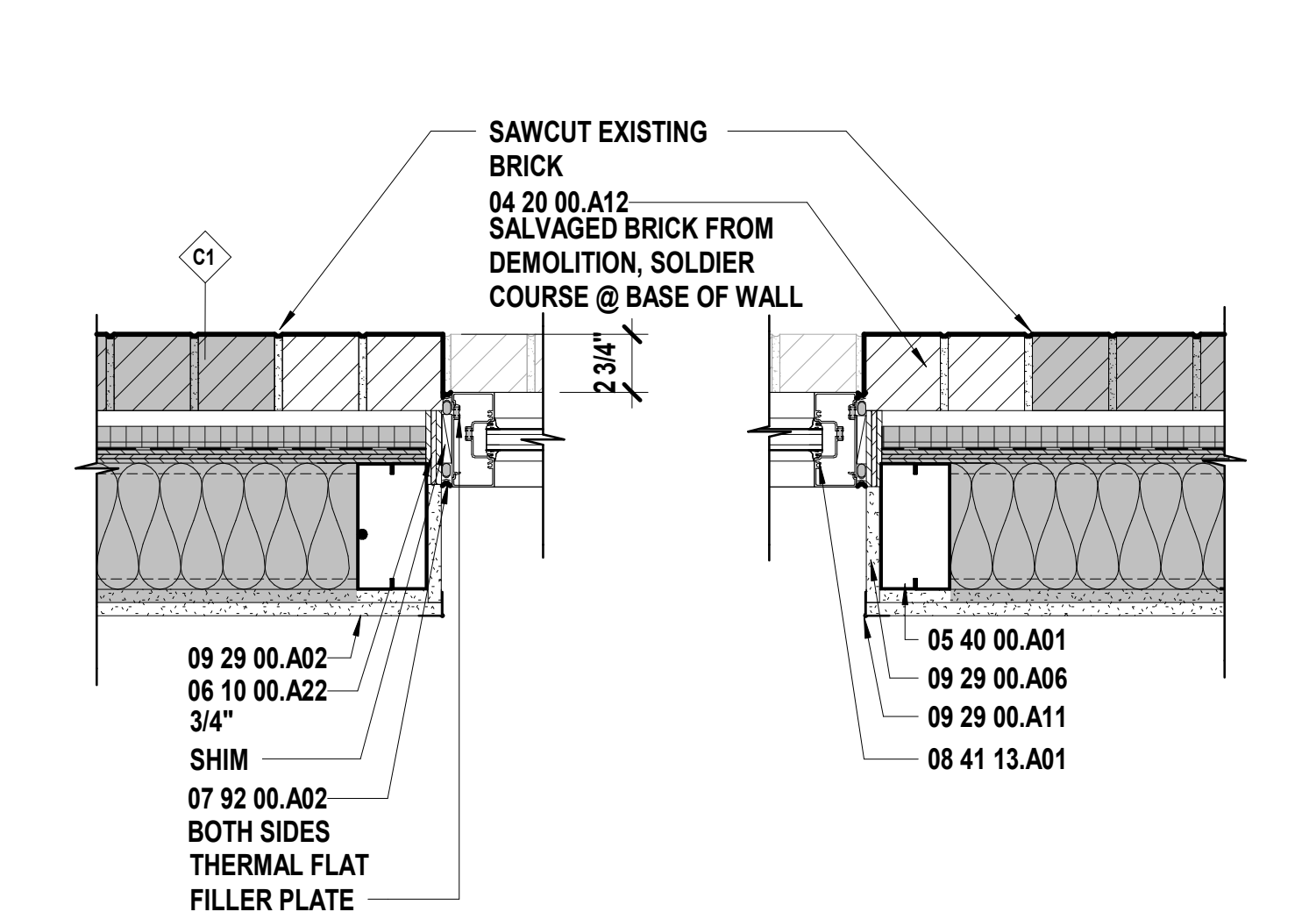
**E1** Scale 3" = 1'-0" Threshold @ Exterior Door



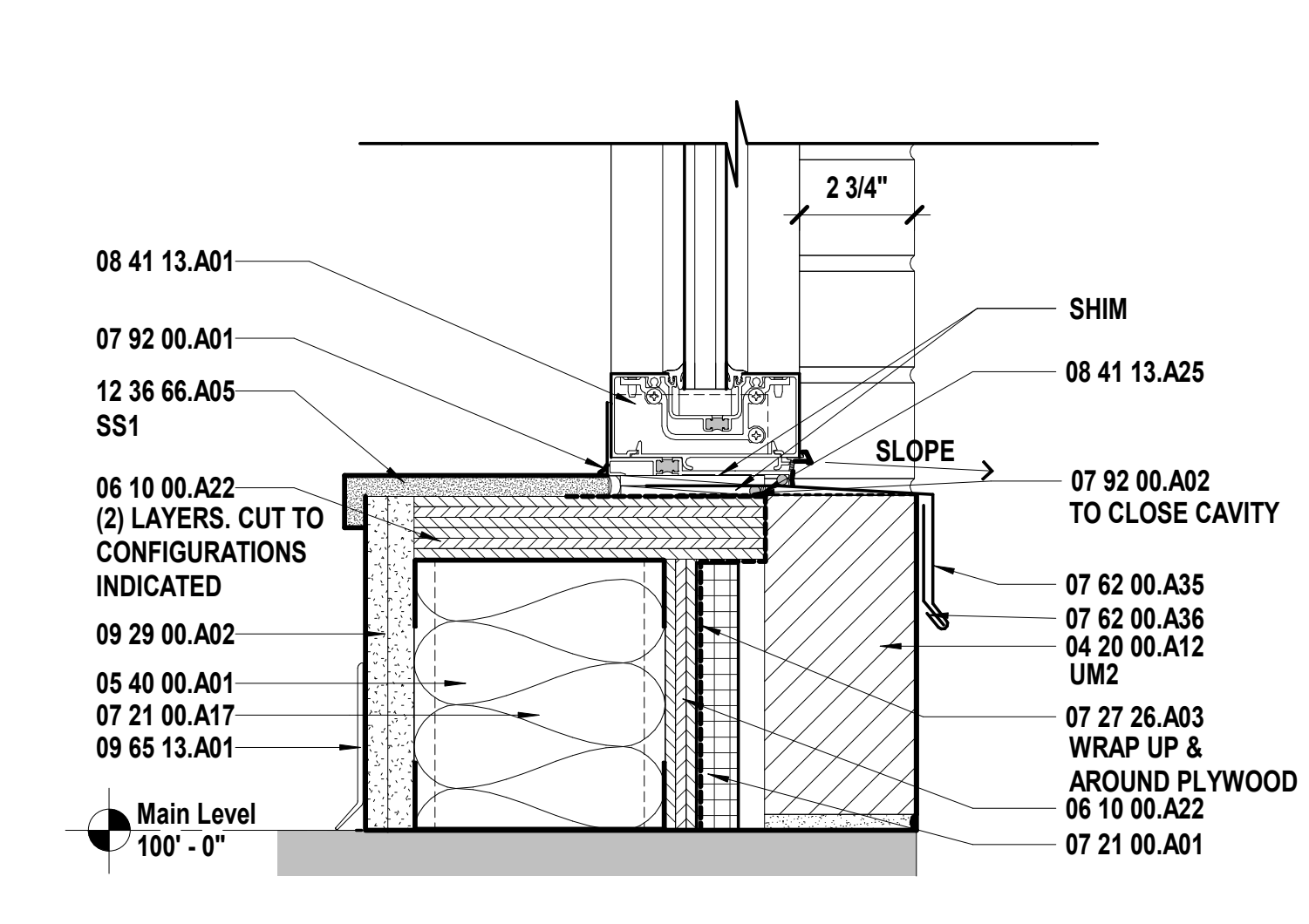
**A1** Scale 3" = 1'-0" Exterior Detail - Storefront Jamb @ Angled Metal Panels



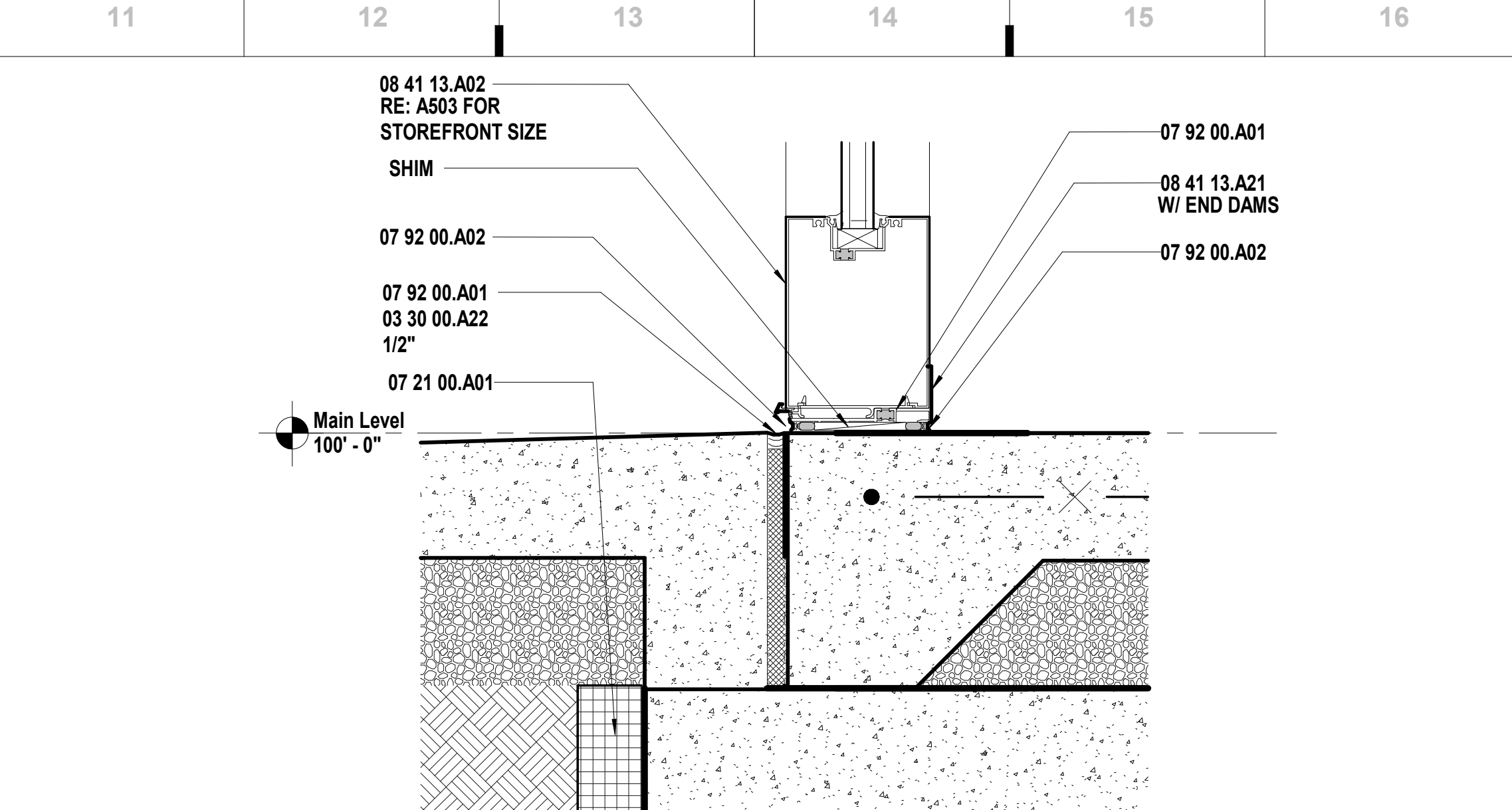
**J7** Scale 3" = 1'-0" Retrofit Detail - Alum Head @ Exterior New Location



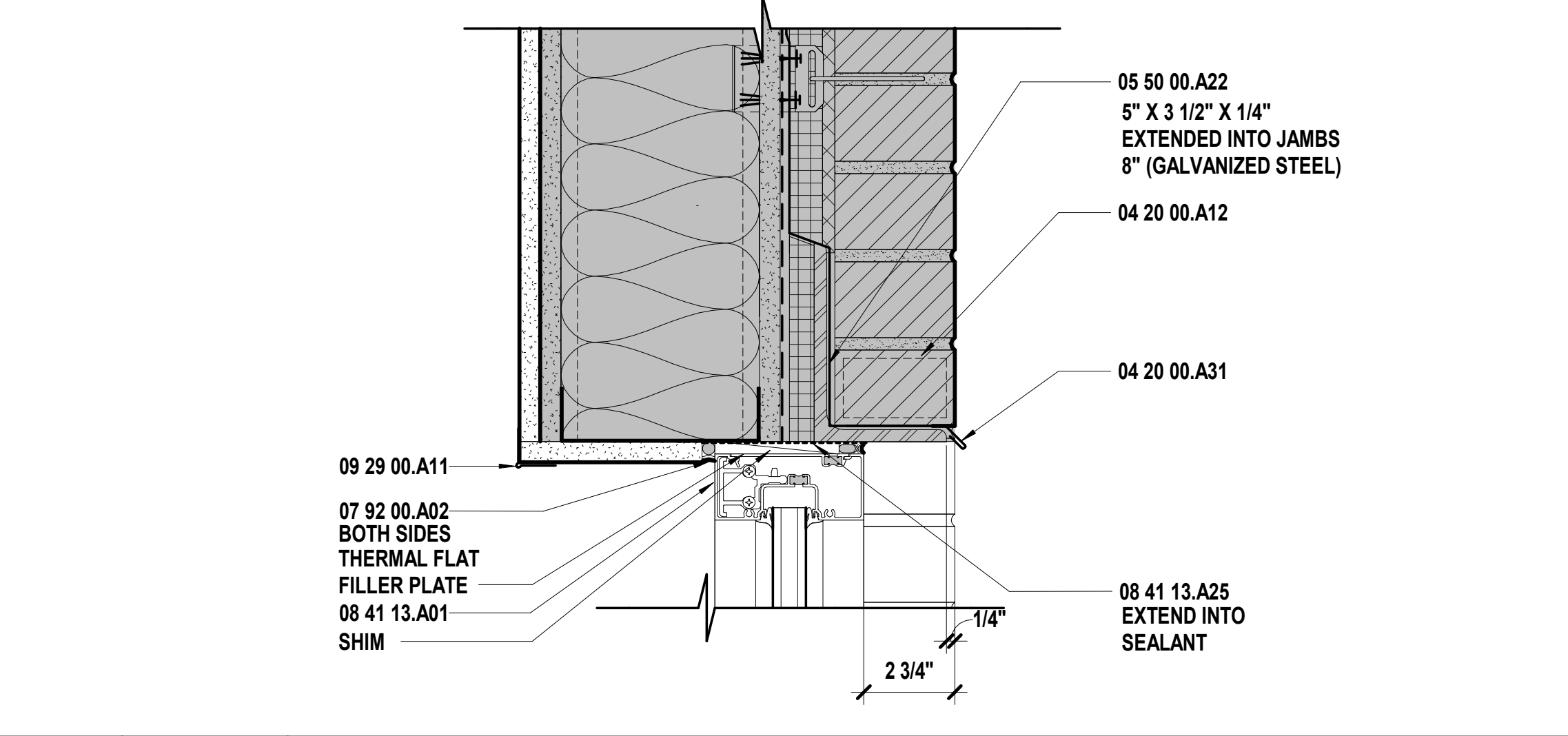
**E7** Scale 1 1/2" = 1'-0" Retrofit Detail - Alum Jamb @ Exterior New Location



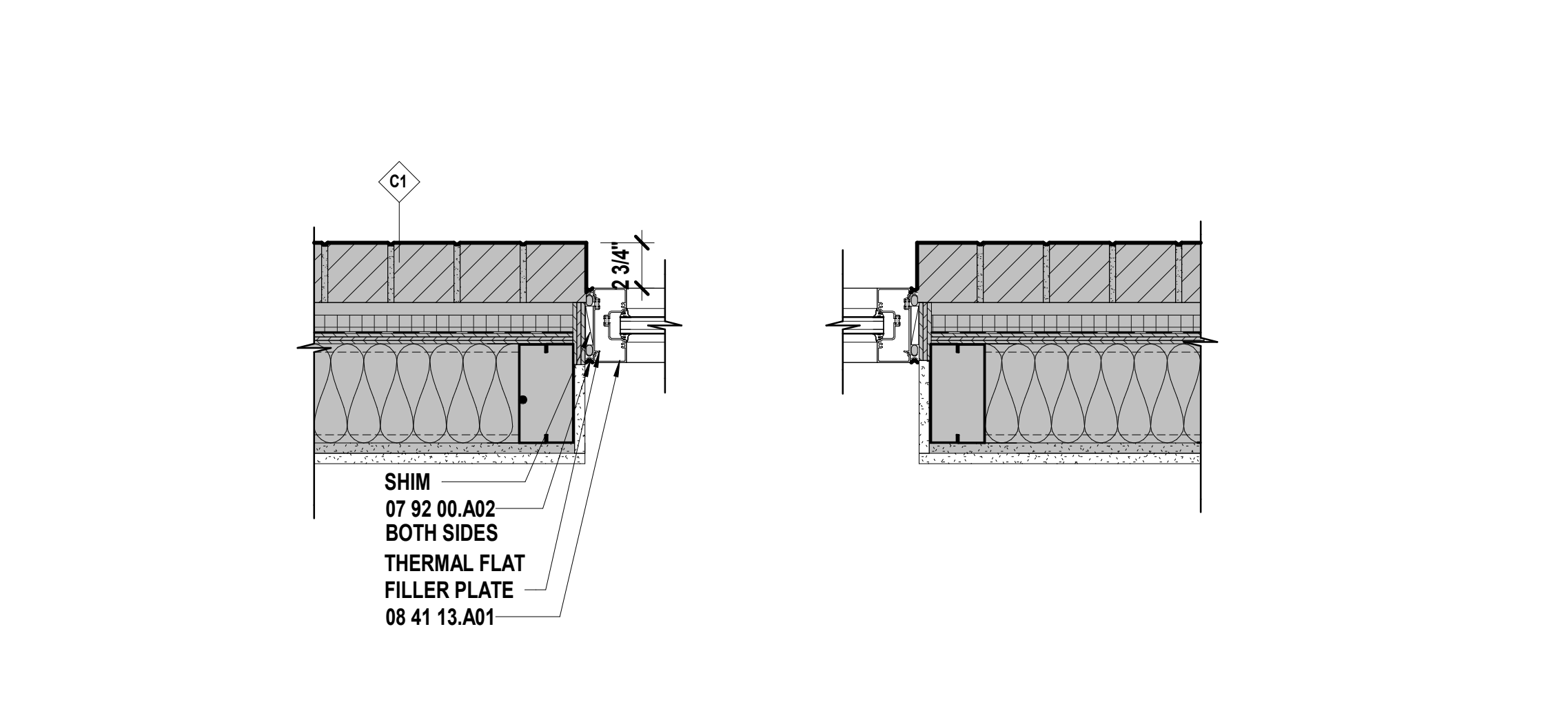
**A7** Scale 3" = 1'-0" Retrofit Detail - Alum Sill @ Exterior New Location



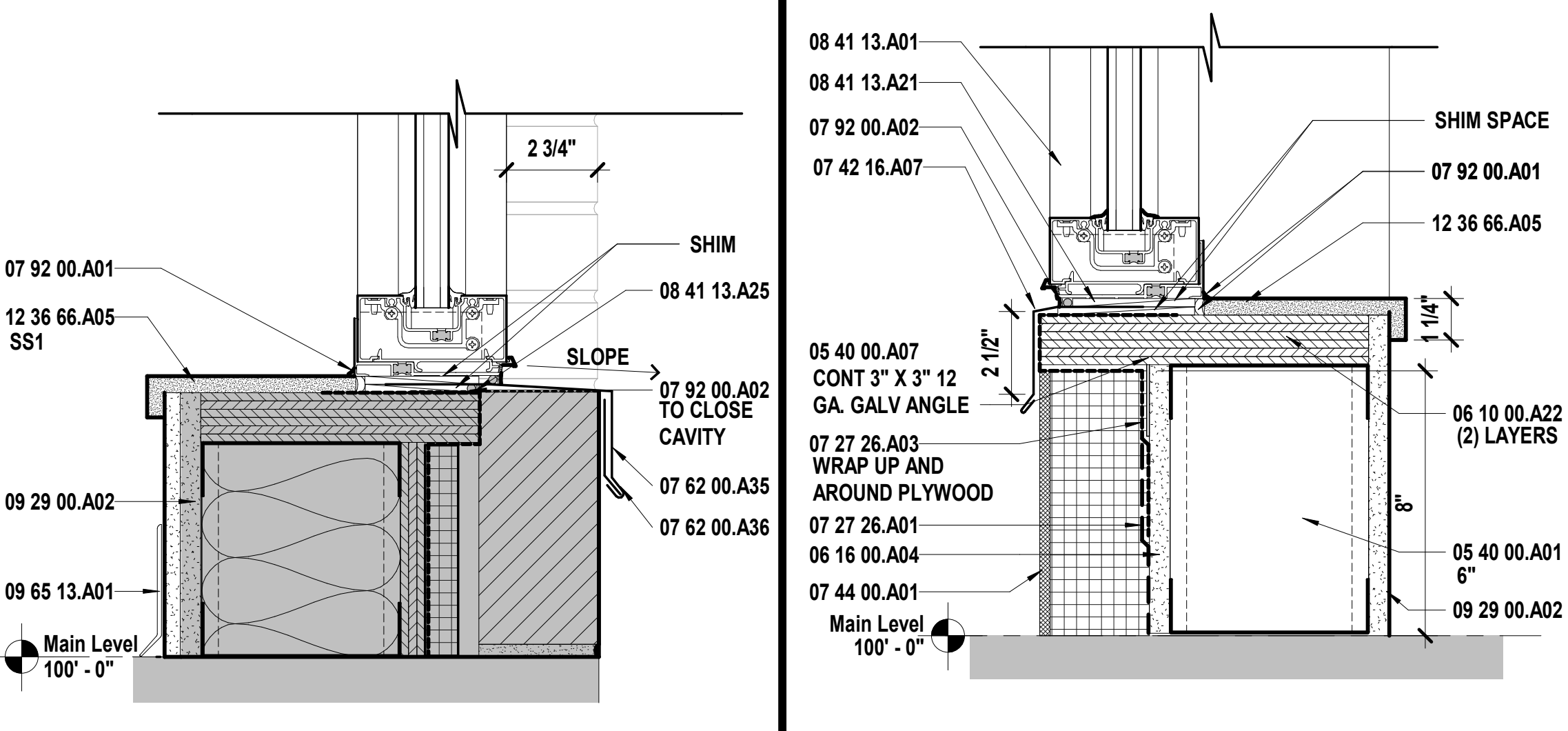
**N11** Scale 3" = 1'-0" Sill Detail - Storefront @ Main Level



**J11** Scale 3" = 1'-0" Exterior Detail - Alum Head @ Existing Location



**E11** Scale 1 1/2" = 1'-0" Exterior Detail - Alum Jamb @ Existing Location



**A14** Scale 3" = 1'-0" Exterior Detail - Storefront Sill @ Concrete Faced Insulation

## SHEET KEYNOTE LEGEND

03 30 00.A14	VAPOR RETARDERS
04 20 00.A12	FACE BRICK
04 20 00.A26	ADJUSTABLE MASONRY VENEER ANCHORS
04 20 00.A31	METAL DRIP EDGES
04 20 00.A32	EMBEDDED FLEXIBLE FLASHING
04 20 00.A40	CAVITY DRAINAGE MATERIAL
05 12 00.A03	CHANNEL
05 40 00.A01	COLD-FORMED METAL FRAMING
05 40 00.A07	MISCELLANEOUS FRAMING/FURRING
05 50 00.A22	LOOSE STEEL LINTEL
06 10 00.A13	WOOD BLOCKING/NAILERS
06 10 00.A22	PRESERVATIVE TREATED PLYWOOD BLOCKING
06 16 00.A04	GLASS-MAT GYPSUM WALL SHEATHING
07 21 00.A01	EXTRUDED POLYSTYRENE BOARD INSULATION
07 21 00.A17	MINERAL WOOL
07 27 26.A01	VAPOR RETARDING FLUID-APPLIED AIR BARRIER
07 27 26.A03	TRANSITION MEMBRANE
07 42 16.A03	CONCEALED FASTENER METAL PLATE WALL PANELS
07 42 16.A07	FLASHING AND TRIM
07 44 00.A01	CONCRETE-FACED RIGID INSULATION
07 48 00.A01	RAINSCREEN FURRING SYSTEM
07 62 00.A35	PRE-FINISHED MISC METAL FLASHING
07 62 00.A36	CLEAT
07 92 00.A01	SEALANT
07 92 00.A02	SEALANT W/BACKER ROD
08 41 13.A01	THERMAL BROKEN STOREFRONT FRAMING (4.5")
08 41 13.A02	THERMAL BROKEN STOREFRONT FRAMING (6")
08 41 13.A21	ALUMINUM SUBSILL
08 41 13.A25	JAMB CLOSURE MEMBRANE
08 71 00.A01	THRESHOLDS
09 29 00.A02	GYPSUM BOARD - TYPE X
09 29 00.A06	MOLD AND MOISTURE RESISTANT GYPSUM BOARD
09 29 00.A11	GYPSUM BOARD TRIM
09 65 13.A01	RESILIENT BASE
12 36 66.A05	SOLID SURFACE SILL

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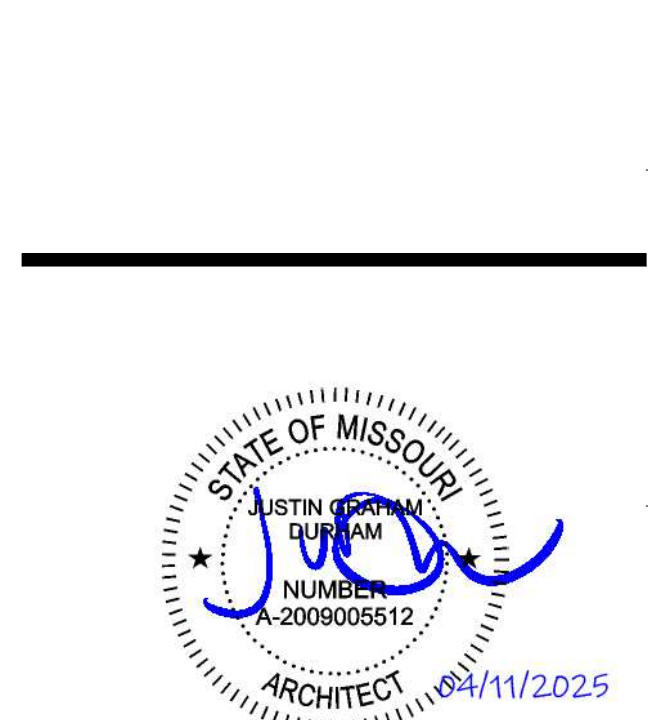
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Sedalia Central Office Relocation

Sedalia School District 200

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Sedalia, MO 65301

REVISIONS:		
#	Description	Date



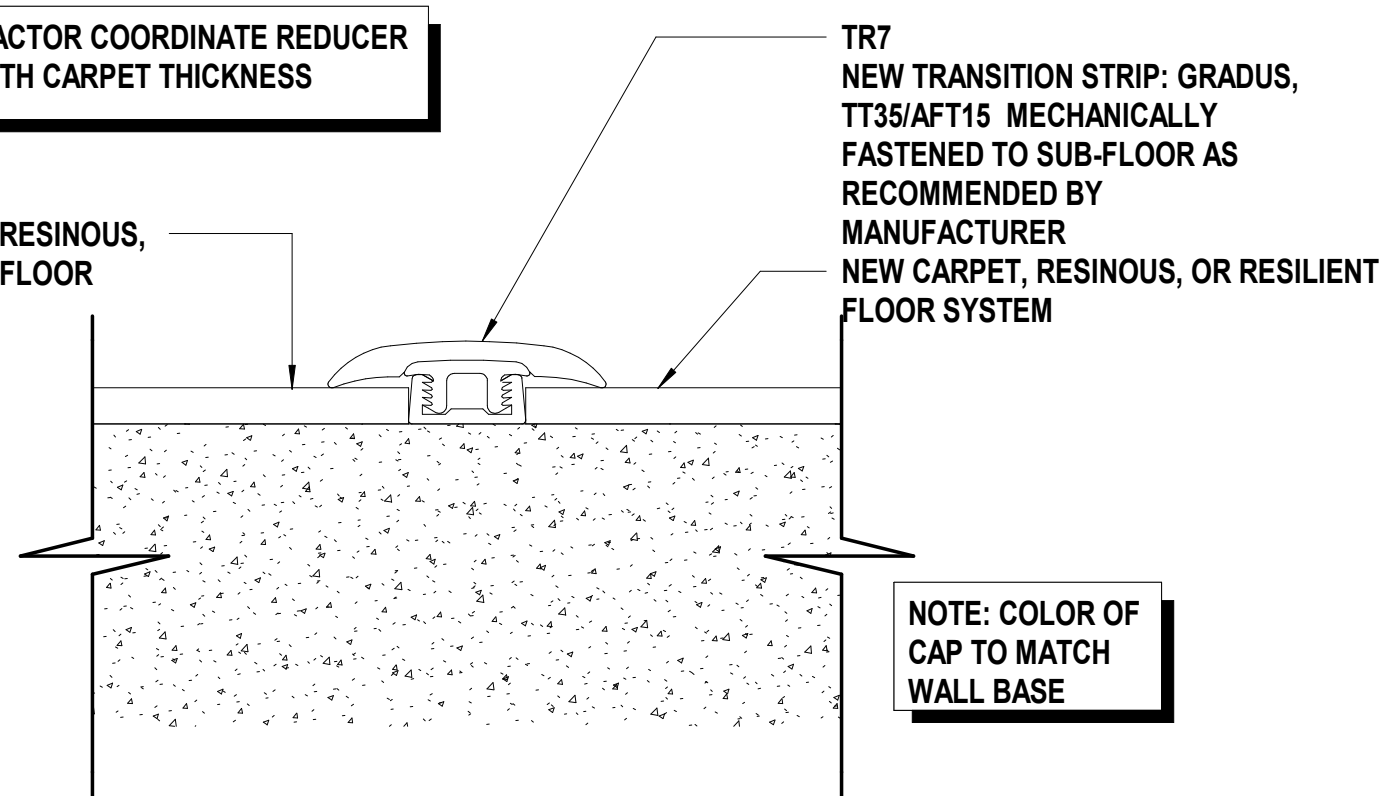
JOB NO: 23195  
DRAWN BY: LB, AR  
CHECKED BY: JB  
DATE: 04/11/2025

**A522**



NOTE: CONTRACTOR COORDINATE REDUCER THICKNESS WITH CARPET THICKNESS

NEW CARPET, RESINOUS, OR RESILIENT FLOOR SYSTEM



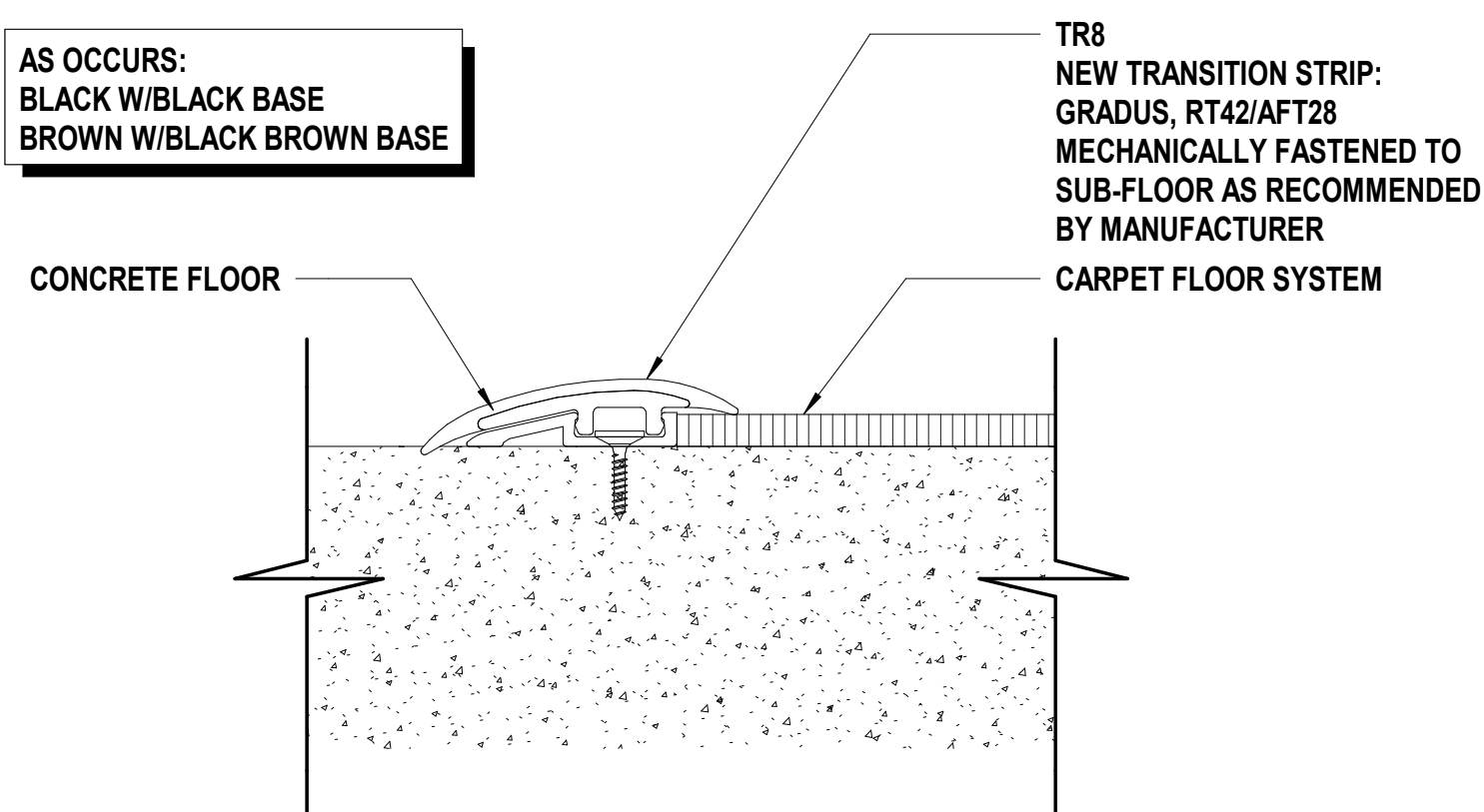
(RADIUS AS REQUIRED)

TR7  
NEW TRANSITION STRIP: GRADUS, TT35/AFT15 MECHANICALLY FASTENED TO SUB-FLOOR AS RECOMMENDED BY MANUFACTURER  
NEW CARPET, RESINOUS, OR RESILIENT FLOOR SYSTEM

NOTE: COLOR OF CAP TO MATCH WALL BASE

AS OCCURS:  
BLACK W/BLACK BASE  
BROWN W/BLACK BROWN BASE

CONCRETE FLOOR



TR8  
NEW TRANSITION STRIP: GRADUS, RT42/AFT28 MECHANICALLY FASTENED TO SUB-FLOOR AS RECOMMENDED BY MANUFACTURER  
CARPET FLOOR SYSTEM

L5

Scale

Flooring Reducer Strip Detail

1/2" = 1'-0"

L11

Scale

Flooring Reducer Strip Detail

1/2" = 1'-0"

## SHEET MATERIAL FINISH LEGEND

ID	MATERIAL	COLOR/FINISH
C1	Carpet	Oat 107707
C2	Carpet	Oat 107742
C3	Carpet	Onyx 104945
CG1	Corner Guard	Clear
CLG2	Ceiling	Honey Oak
CLG3	Ceiling	Golden Maple
CON1	Concrete Finish	
FT1	Floor (Poured) Topping	Microchip - Shale
HP1	High Performance Coating	West Highland White
HP2	High Performance Coating	Peppercorn
MP1	Metal Wall Panels	Bone White DRI-002
P1	Paint	West Highland White
P2	Paint	Analytical Gray
P3	Paint	Peppercorn
P4	Paint	Studio Clay
PL1	Plastic Laminate	Pinnacle Walnut 7992
PL2	Plastic Laminate	Landmark Wood 7981
PL3	Plastic Laminate	Designer White D354
RB1	Resilient Base & Accessories	40 - Black
RB2	Resilient Base & Accessories	40 - Black
RF1	Resilient Flooring	Crafted Plank - Savannah 11212
SS1	Simulated Stone	Kamet - L017
T1	Tile	Elisar RD20
TB1	Tackboard	Buff NO. 1109
TR1	Metal Edge Trim	Anodized Aluminum
TR2	Millwork Trim	Clear Anodized
TR3	Millwork Trim	MWV5050, 1/2"
TR4	Millwork Trim	MWV50400, 1/2"
TR5	Millwork Trim	MWV5050, 1/2"
TR6	Millwork Trim	MWPT12550
TR7	Floor Transition	Dove (LRV:27)
TR8	Floor Transition	Dove (LRV:27)
TR9	Ceiling Trim	White
TR10	Stair Nosing	Black
WF1	Window Film	Aerina
WP1	Wall Paneling	PL1
WP2	Wall Paneling	PL2
WP3	Wall Paneling	PL3
WP4	Wall Paneling	Attached to wall w/ TR2, RE:Elev for TR3-6

## SHEET NOTES

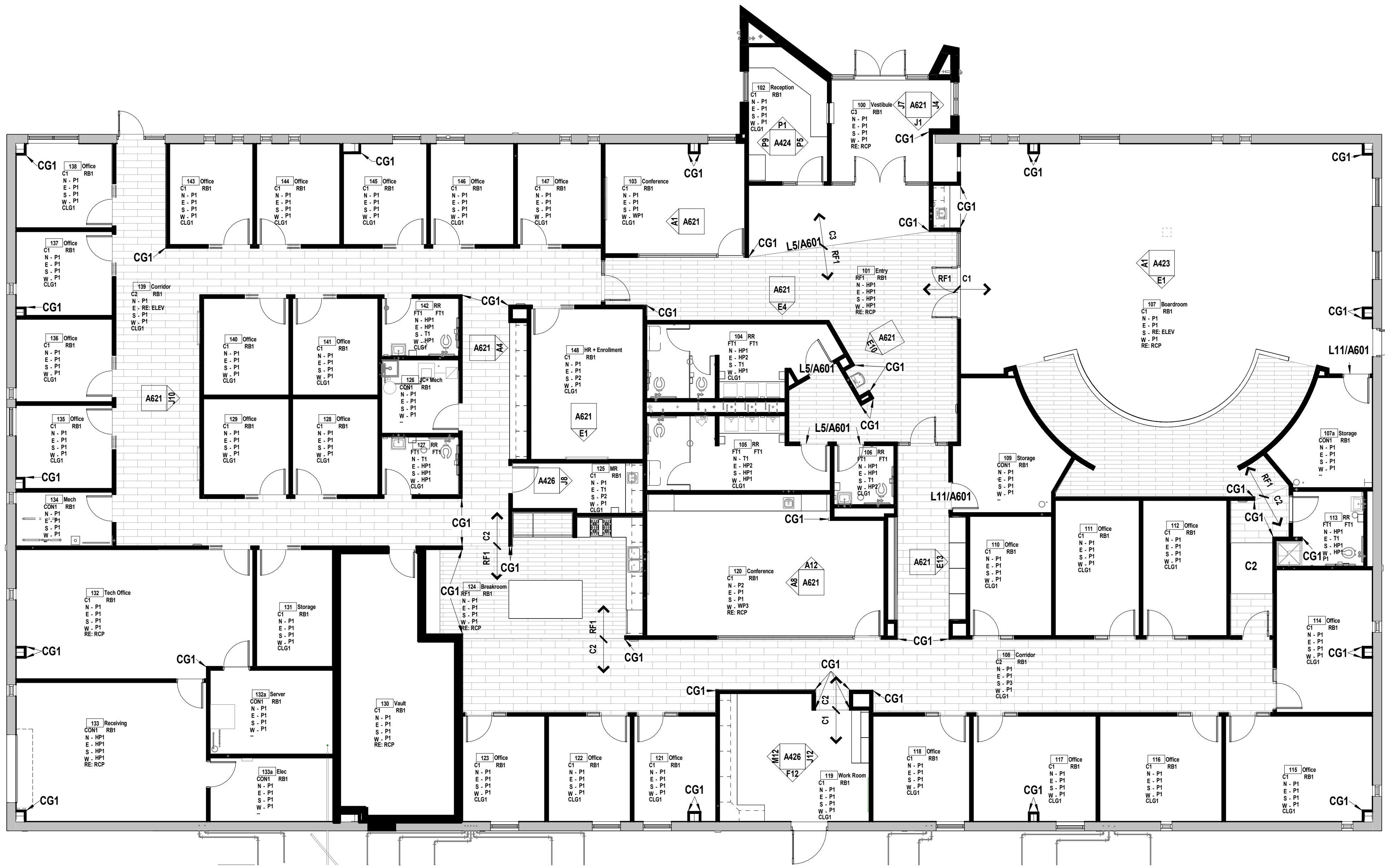
- REFER TO SHEET G000 FOR SHEET INDEX
- FINISH FLOOR PATTERNS TO BE CENTERED IN EACH ROOM UNO
- CORNER GUARD LOCATIONS ARE INDICATED BY SYMBOL CG1 AND ARE TO BE FULL HEIGHT FROM TOP OF BASE 10 25 00 A63
- COORDINATE FLOORING INSTALLATION WITH CASEWORK TO ENSURE FLOORING EXTENDS UNDER CABINET TOE SPACES AND OPEN KNEE/APPLIANCE SPACES
- ALL CLOSETS AND ALCOVES WITHOUT SEPARATE ROOM NUMBERS TO HAVE SAME FLOORING AND PATTERNS AS THE LARGER, IDENTIFIED ROOM
- NOT ALL FLOORING MATERIALS SHOWN ON FINISH PLANS. REFER TO FINISH SCHEDULE FOR MATERIALS IN LOCATIONS NOT SHOWN
- PATTERNS SHOWN THIS SHEET SHOULD REFLECT PATTERN OF MATERIAL MODULE

A5

Scale

Finish Floor Plan - Overall

1/8" = 1'-0"



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State Certificate of Authority #E-2016000752  
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Sedalia Central Office Relocation

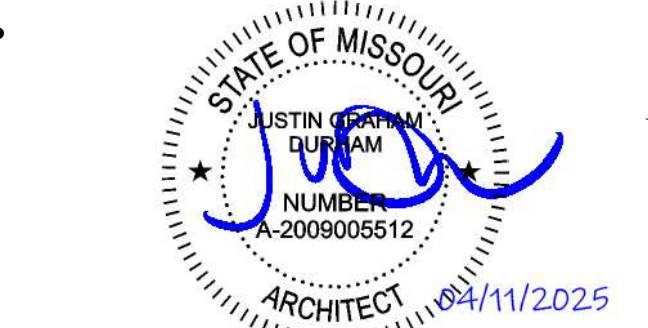
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Sedalia, MO 65301

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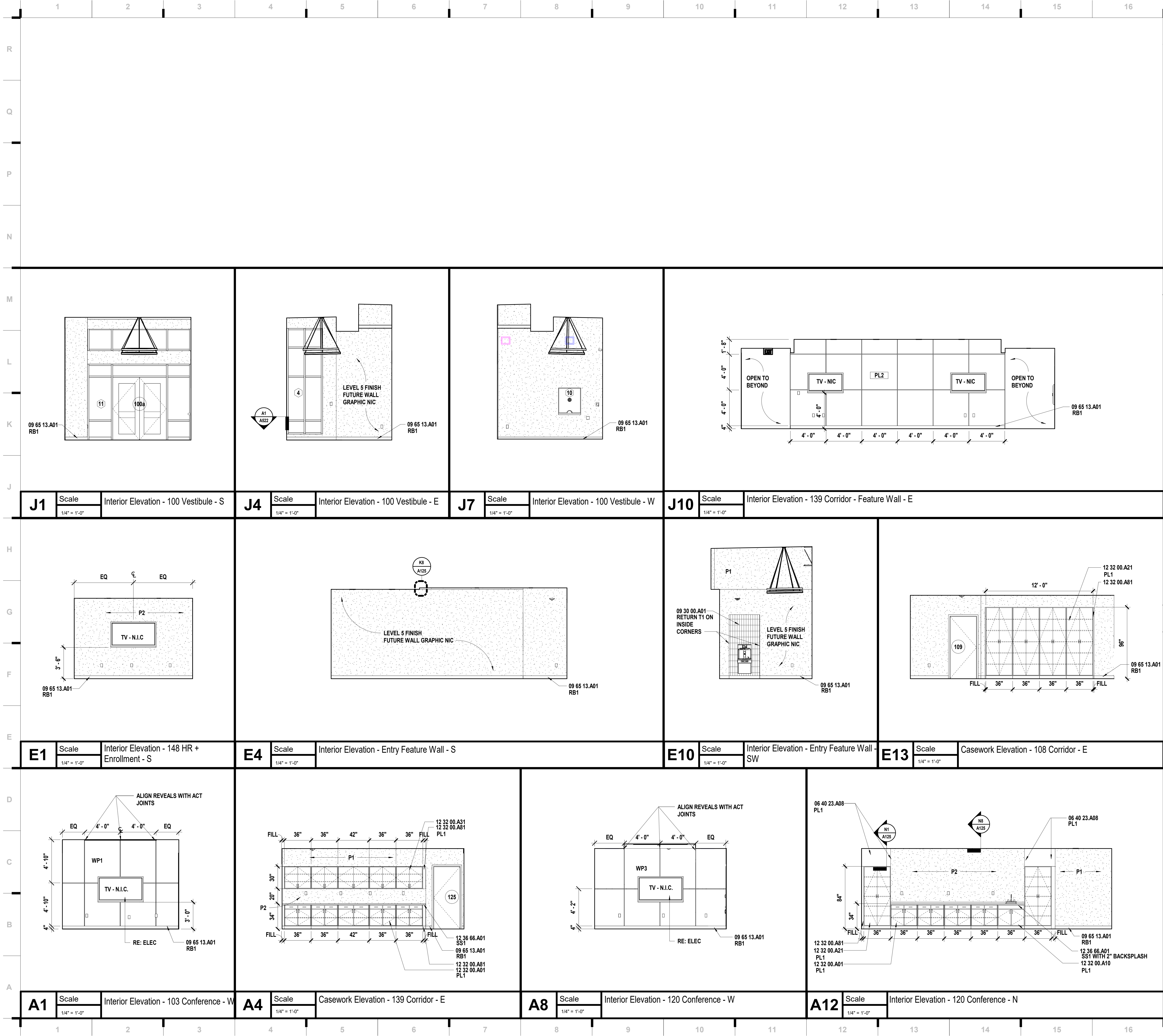
A601

FINISH FLOOR PLAN - OVERALL

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## SHEET KEYNOTE LEGEND

06 40 23.A08	PLASTIC LAMINATE-CLAD PANELS
09 30 00.A01	TILE
09 65 13.A01	RESILIENT BASE
12 32 00.A01	BASE CABINET
12 32 00.A10	SINK BASE
12 32 00.A21	TALL CABINET
12 32 00.A31	WALL CABINET
12 32 00.A81	FILLER
12 36 66.A01	SOLID SURFACE COUNTERTOP

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## SHEET MATERIAL FINISH LEGEND

ID	MATERIAL	COLOR/FINISH
CG1	Corner Guard	Clear
CLG1	Ceiling	White
CLG2	Ceiling	Honey Oak
CLG3	Ceiling	Golden Maple
HP1	High Performance Coating	West Highland White
HP2	High Performance Coating	Peppercorn
MP1	Metal Wall Panels	Bone White DRI-002
P1	Paint	West Highland White
P2	Paint	Analytical Gray
P3	Paint	Peppercorn
P4	Paint	Studio Clay
TB1	Tackboard	Buff NO. 1109
TR1	Metal Edge Trim	Anodized Aluminum
TR2	Millwork Trim	Clear Anodized
TR3	Millwork Trim	MWU5050, 1/2"
TR4	Millwork Trim	MWRB50400, 1/2"
TR5	Millwork Trim	MWCK50, 1/2"
TR6	Millwork Trim	MWPT12550
TR7	Floor Transition	Dove (LRV:27)
TR8	Floor Transition	Dove (LRV:27)
TR9	Ceiling Trim	White
TR10	Stair Nosing	Black
WF1	Window Film	Aerina
WP2	Wall Paneling	PL2
WP3	Wall Paneling	PL3
WP4	Wall Paneling	Attached to wall w/ TR2, RE:Elev for TR3-6

## SHEET NOTES

- REFER TO SHEET G000 FOR SHEET INDEX
- COORDINATE LOCATIONS WHERE BACKING REQUIRED FOR WALL HUNG CASEWORK, MARKERBOARDS, AND TECHNOLOGY
- COLOR/MATERIAL TRANSITIONS ARE NOTED WHEN THEY DO NOT OCCUR AT INSIDE CORNERS
- REFER TO MEP SHEETS FOR LOCATION DIAGRAM OF SWITCHES, THERMOSTATS, FIRE ALARM STROBES TO BE MOUNTED ADJACENT TO ENTRY DOORS OR AT OUTSIDE CORNERS WITHIN ROOMS
- COORDINATE WITH ELECTRICAL SHEETS FOR HEIGHT OF OUTLETS A.F.F. AND/OR ABOVE COUNTERTOPS
- COORDINATE WITH MECHANICAL SHEETS FOR LOCATIONS OF WALL MOUNTED GRILLES AND REGISTERS
- ALL EXPOSED CASEWORK SURFACES TO RECEIVE PLASTIC LAMINATE
- ALL BACKSPLASH MATERIAL TO MATCH COUNTERTOP MATERIAL, UNO
- PROVIDE 4" BACKSPLASH, UNO
- PROVIDE 1" OVERHANG AT ALL COUNTERTOPS, UNO
- PROVIDE ONE 2" DIAMETER GROMMET PER 30 INCH OF KNEE-SPACE - RECEPTION COUNTERS AND OTHER LOCATIONS - COORDINATE EXACT LOCATION WITH OWNER
- REFER TO PLUMBING DRAWINGS FOR LOCATIONS OF SINKS AND OTHER PLUMBING FIXTURES LOCATED WITHIN CASEWORK
- ALL BASE CABINETS ARE TO BE 24" DEEP, UNO
- ALL UPPER CABINETS ARE TO BE 16" DEEP, UNO
- ALL TALL STORAGE AND WARDROBE CABINETS ARE TO BE 24" DEEP, UNO
- FILE DRAWERS TO HAVE LOCKS
- ALL WARDROBE CABINETS TO HAVE LOCKS
- COORDINATE DOOR CONTROL BUTTON LOCATION AT RECEPTION DESK WITH OWNER
- PROVIDE WOOD CLEAT AT BACK AND SIDE WALLS OF ALL COUNTERTOPS WITH NO BASE CABINET BELOW

Sedalia Central Office Relocation

Sedalia School District 200

1712 S Lafayette Ave  
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A621

INTERIOR ELEVATIONS

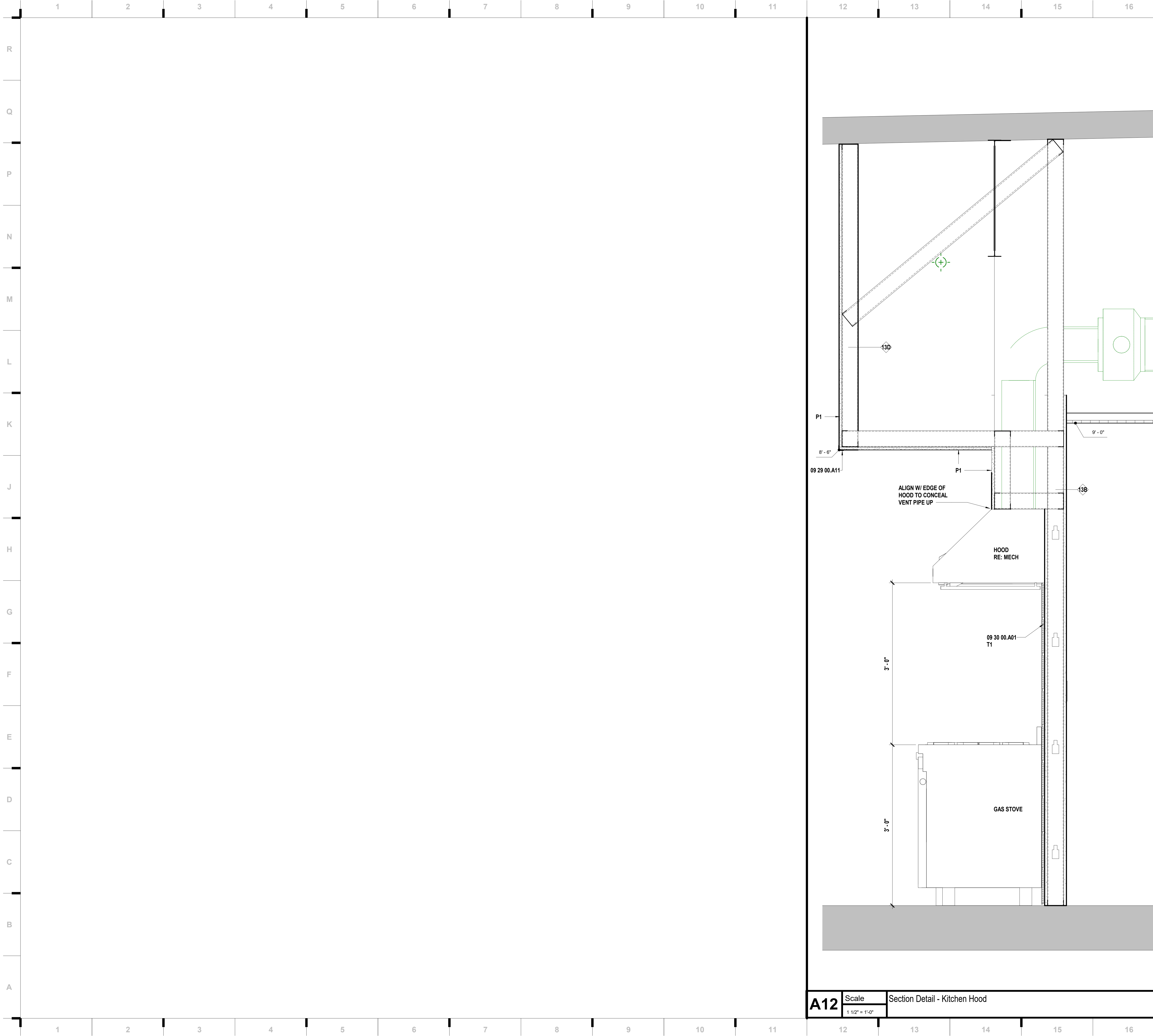
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**A12** Scale 1 1/2" = 1'-0" Section Detail - Kitchen Hood

**SHEET KEYNOTE LEGEND**

09 29 00.A11 GYPSUM BOARD TRIM  
09 30 00.A01 TILE

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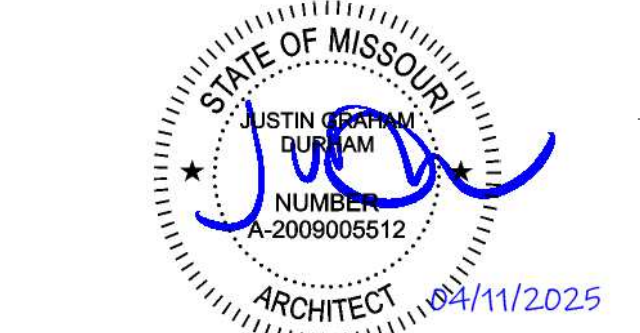
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	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
R	MATERIAL FINISH LEGEND								ROOM FINISH SCHEDULE										
	MATERIAL	ID	KEYNOTE	MANUFACTURER	STYLE/MODEL NO	COLOR/FINISH	COMMENTS		NO	ROOM	Name	FLOOR	Base	WALLS			CEILING	Finish Remarks	
R	Carpet	C1	09 68 13.A01	Interface	Open Air - 404	Oat 107707	All Offices		100	Vestibule		C3	RB1	P1	P1	P1	P1	RE: RCP	RE: FFP
	Carpet	C2	09 68 13.A01	Interface	Open Air - 410	Oat 107742	All Hallways		101	Entry		RF1	RB1	HP1	HP1	HP1	HP1	RE: RCP	
	Carpet	C3	09 68 13.A01	Interface	SR999 Step Repeat	Onyx 104945	Vestibule		102	Reception		C1	RB1	P1	P1	P1	P1	CLG1	
	Corner Guard	CG1	10 26 00.A03	Construction Specialties	Acrovyn LG Series	Clear			103	Conference		C1	RB1	P1	P1	P1	WP1	CLG1	
Q	Ceiling	CLG1	09 51 13.A01	Armstrong	823 Cortega Square lay-in 24"x48"; 15/16" Grid	White			104	RR		FT1	FT1	HP1	HP2	T1	HP1	CLG1	
	Ceiling	CLG2	09 51 13.A01	Armstrong	Lyra PB	Honey Oak	Conference 120		105	RR		FT1	FT1	T1	HP2	HP1	HP1	CLG1	
	Ceiling	CLG3	09 54 33.A01	Armstrong	WoodWorks	Golden Maple	ALT #1		106	RR		FT1	FT1	HP1	HP1	T1	HP2	CLG1	
	Concrete Finish	CON1	03 30 00	Sealed Concrete					107	Boardroom		C1	RB1	P1	P1	RE: ELEV	P1	RE: RCP	
P	Floor (Poured) Topping	FT1	09 67 23.A01	Dur-A-Flex	Dur-A-Chip w/ Integral 6" Base	Microchip - Shale	Restroom Floors and Base		107a	Storage		CON1	RB1	P1	P1	P1	P1	--	
	High Performance Coating	HP1	09 96 00	Sherwin Williams	Field Paint - SW7566	West Highland White	Restrooms		108	Corridor		C2	RB1	P1	P1	P3	P1	CLG1	
	High Performance Coating	HP2	09 96 00	Sherwin Williams	Field Paint - SW7674	Peppercorn	Restrooms		109	Storage		CON1	RB1	P1	P1	P1	P1	--	
	Metal Wall Panels	MP1	07 42 16.A03	DriDesign	Painted Aluminum	Bone White DRI-002	Vestibule		110	Office		C1	RB1	P1	P1	P1	P1	CLG1	
N	Paint	P1	09 91 23	Sherwin Williams	Field Paint - SW7566	West Highland White	All Offices & HM Frames		111	Office		C1	RB1	P1	P1	P1	P1	CLG1	
	Paint	P2	09 91 23	Sherwin Williams	SW7051	Analytical Gray			112	Office		C1	RB1	P1	P1	P1	P1	CLG1	
	Paint	P3	09 91 23	Sherwin Williams	SW7674	Peppercorn	OTS Deck		113	RR		FT1	FT1	HP1	T1	HP1	HP1	P1	
	Paint	P4	09 91 23	Sherwin Williams	SW9172	Studio Clay			114	Office		C1	RB1	P1	P1	P1	P1	CLG1	
M	Plastic Laminate	PL1	12 30 00	Wilsonart	38 Fine Velvet Texture Finish	Pinnacle Walnut 7992			115	Office		C1	RB1	P1	P1	P1	P1	CLG1	
	Plastic Laminate	PL2	06 40 23.A08	Wilsonart	12 Soft Grain Finish	Landmark Wood 7981			116	Office		C1	RB1	P1	P1	P1	P1	CLG1	
	Plastic Laminate	PL3	06 40 23.A08	Wilsonart	Solid Colors	Designer White D354	Conference 120		117	Office		C1	RB1	P1	P1	P1	P1	CLG1	
	Resilient Base & Accessories	RB1	09 65 13.A01	Tarkett	4" Vinyl Base w/ Toe	40 - Black			118	Office		C1	RB1	P1	P1	P1	P1	CLG1	
L	Resilient Base & Accessories	RB2	09 65 13.A01	Tarkett	6" Vinyl Base w/ Toe	40 - Black	Boardroom Stage		119	Work Room		C1	RB1	P1	P1	P1	P1	CLG1	
	Resilient Flooring	RF1	09 65 19.A01	Tarkett	Event Luxury Vinyl Plank	Crafted Plank - Savannah 11212	Entry and Kitchen		120	Conference		C1	RB1	P2	P1	P1	WP3	RE: RCP	
	Simulated Stone	SS1	12 36 66.A01	LX-Hausys	HIMACS	Kamet - L017			121	Office		C1	RB1	P1	P1	P1	P1	CLG1	
	Tile	T1	09 30 00.A01	Daltile	Remedy; 2x10	Elixir RD20	Wet Walls		122	Office		C1	RB1	P1	P1	P1	P1	CLG1	
K	Tackboard	TB1	101100.A03	Claridge Products	Claridge Cork	Buff NO. 1109	Workroom		123	Office		C1	RB1	P1	P1	P1	P1	CLG1	RE: FFP
	Metal Edge Trim	TR1	09 30 00.A04	Schluter	Jolly	Anodized Aluminum	Tile		124	Breakroom		RF1	RB1	P1	P1	P1	P1	RE: RCP	
	Millwork Trim	TR2	06 40 23.A24	Fry-Reglet	Millwork Cleat 25	Clear Anodized	Use With WP4		125	MR		C1	RB1	P1	T1	P2	P1	CLG1	
	Millwork Trim	TR3	06 40 23.A24	Fry-Reglet	Millwork Trim, U-Channel	MWU5050, 1/2"	Use With WP4		126	JC+ Mech		CON1	RB1	P1	P1	P1	P1	--	
J	Millwork Trim	TR4	06 40 23.A24	Fry-Reglet	Millwork Trim, 4" Millwork Base	MWVRB50400, 1/2"	Use With WP4		127	RR		FT1	FT1	T1	HP1	HP1	HP1	CLG1	
	Millwork Trim	TR5	06 40 23.A24	Fry-Reglet	Millwork Trim, Corner Key	MWCK50, 1/2"	Use With WP4		128	Office		C1	RB1	P1	P1	P1	P1	CLG1	
	Millwork Trim	TR6	06 40 23.A24	Fry-Reglet	Millwork Trim, 1/8" Post Termination	MWPT12550	Use with WP4		129	Office		C1	RB1	P1	P1	P1	P1	CLG1	
	Floor Transition	TR7	06 40 23.A24	Gradus	TT35/AFT15	Dove (LRV:27)			130	Vault		C1	RB1	P1	P1	P1	P1	RE: RCP	
H	Floor Transition	TR8	06 40 23.A24	Gradus	RT42/AFT28	Dove (LRV:27)			131	Storage		C1	RB1	P1	P1	P1	P1	CLG1	
	Ceiling Trim	TR9	09 51 13.A03	Armstrong	Transitional Molding - 7902	White	Boardroom		132	Tech Office		C1	RB1	P1	P1	P1	P1	RE: RCP	
	Stair Nosing	TR10	09 65 13.A06	Tarkett	1 3/4"x 1 3/4" DTN-XX	Black	Boardroom stage		132a	Server		CON1	RB1	P1	P1	P1	P1	--	
	Window Film	WF1	06 90 00.A93	3M	Fasara	Aerina	Conference Windows		133	Receiving		CON1	RB1	HP1	HP1	HP1	HP1	RE: RCP	
G	Wall Paneling	WP1	09 77 00.A01	Fry Reglet	Graph Wall System, Anodized Silver	PL1	Conference 103		133a	Elec		CON1	RB1	P1	P1	P1	P1	--	
	Wall Paneling	WP2	09 77 00.A01	Fry Reglet	Graph Wall System, Anodized Silver	PL2	Corridor 139		134	Mech		CON1	RB1	P1	P1	P1	P1	--	
	Wall Paneling	WP3	09 77 00.A01	Fry Reglet	Graph Wall System, Anodized Silver	PL3	Conference 120		135	Office		C1	RB1	P1	P1	P1	P1	CLG1	
	Wall Paneling	WP4	06 40 23.A08	Custom Panel System	PL1, 1/2"	Attached to wall w/ TR2, RE:Elev for TR3-6	Boardroom		136	Office		C1	RB1	P1	P1	P1	P1	CLG1	
F									137	Office		C1	RB1	P1	P1	P1	P1	CLG1	
									138	Office		C1	RB1	P1	P1	P1	P1	CLG1	
									139	Corridor		C2	RB1	P1	RE: ELEV	P1	P1	CLG1	
									140	Office		C1	RB1	P1	P1	P1	P1	CLG1	
E									141	Office		C1	RB1	P1	P1	P1	P1	CLG1	
									142	RR		FT1	FT1	HP1	HP1	T1	HP1	CLG1	
									143	Office		C1	RB1	P1	P1	P1	P1	CLG1	
									144	Office		C1	RB1	P1	P1	P1	P1	CLG1	
D									145	Office		C1	RB1	P1	P1	P1	P1	CLG1	
									146	Office		C1	RB1	P1	P1	P1	P1	CLG1	
									147	Office		C1	RB1	P1	P1	P1	P1	CLG1	
									148	HR + Enrollment		C1	RB1	P1	P1	P1	P2	P1	
C	GENERAL FINISH NOTES								ROOM SCHEDULE REMARKS										
	<div>1. REFER TO FINISH FLOOR PLANS, REFLECTED CEILING PLANS, ELEVATIONS, AND DETAILS FOR EXTENT OF MULTIPLE FINISHES.</div> <div>2. DO NOT PAINT NATURAL OR MANUFACTURED STONE, BRICK, GLAZED BLOCK OR ANY OTHER PREFINISHED MATERIALS.</div> <div>3. DO NOT PAINT ALUMINUM OR OTHER NON-FERROUS METALS THAT ARE PREFINISHED.</div> <div>4. MATCH VERTICAL FINISH OF ALL INTERIOR GYPSUM BOARD SOFFITS TO HORIZONTAL FINISH AS NOTED ON RCP OR ROOM FINISH SCHEDULE. UNO.</div> <div>5. PAINT ALL EXPOSED CEILINGS DESIGNATED AS 'OTS' AS INDICATED ON ROOM FINISH SCHEDULE. PAINTING INCLUDES, BUT IS NOT LIMITED TO: EXPOSED STRUCTURE, JOISTS, METAL DECKING, EXISTING TECTUM PANELS, DUCTWORK AND MECHANICAL EQUIPMENT.</div> <div>6. PAINT ALL EXPOSED STEEL, UNO.</div> <div>7. PAINT ALL INTERIOR HOLLOW METAL DOORS AND FRAMES COLOR HP1, UNO.</div> <div>8. PAINT OR FINISH THE FOLLOWING ITEMS TO MATCH ADJACENT PAINT OR FINISH:<div>a. ELECTRICAL PANELS IN FINISHED ROOMS</div><div>b. GRILLES, LOUVERS ETC. PRIMED OR SPECIFIED TO BE PAINTED</div><div>c. UNFINISHED SPEAKER OUTLET GRILLES</div><div>d. VISIBLE PORTIONS OF DUCTWORK AND MECH EQUIPMENT BEHIND VENTS, GRILLES AND DIFFUSERS</div></div>								<div>1. PROVIDE LEVEL 5 FINISH FOR GYPSUM BOARD SURFACE WHERE WOX IS DESIGNATED. RE: FINISH FLOOR PLANS AND INTERIOR ELEVATIONS FOR TRANSITION CLARIFICATION.</div>										
B	<div><div><div>STATE OF MISSOURI</div><div>AUSTIN GOODMAN</div><div>NUMBER 20090005512</div><div>ARCHITECT</div></div><div>04/11/2025</div></div> <div><div>JOB NO: 23195</div><div>DRAWN BY: AR</div><div>CHECKED BY: JB</div><div>DATE: 04/11/2025</div></div>																		
	A681																		
A	MATERIAL FINISH LEGEND & ROOM FINISH SCHEDULE																		

CONSTRUCTION DOCUMENTS

Sedalia Central Office Relocation  
Sedalia School District 200  
1712 S Lafayette Ave  
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#	Description	Date

STATE OF MISSOURI

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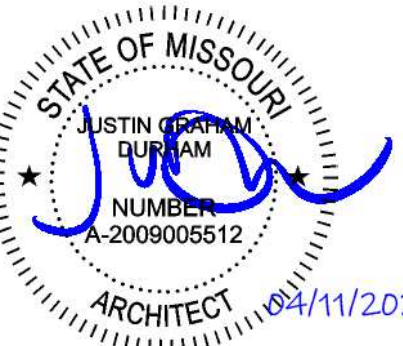
NUMBER 20090005512

ARCHITECT

04/11/2025

The Professional Architects and Engineers are affected by the above application to the relevant authorities of the state. All drawings, specifications and other documents are submitted for the use and for the approval of the state. The architect and engineer accept any and all responsibility for such plans, drawings, or documents for the entire project.

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GENERAL FINISH NOTES

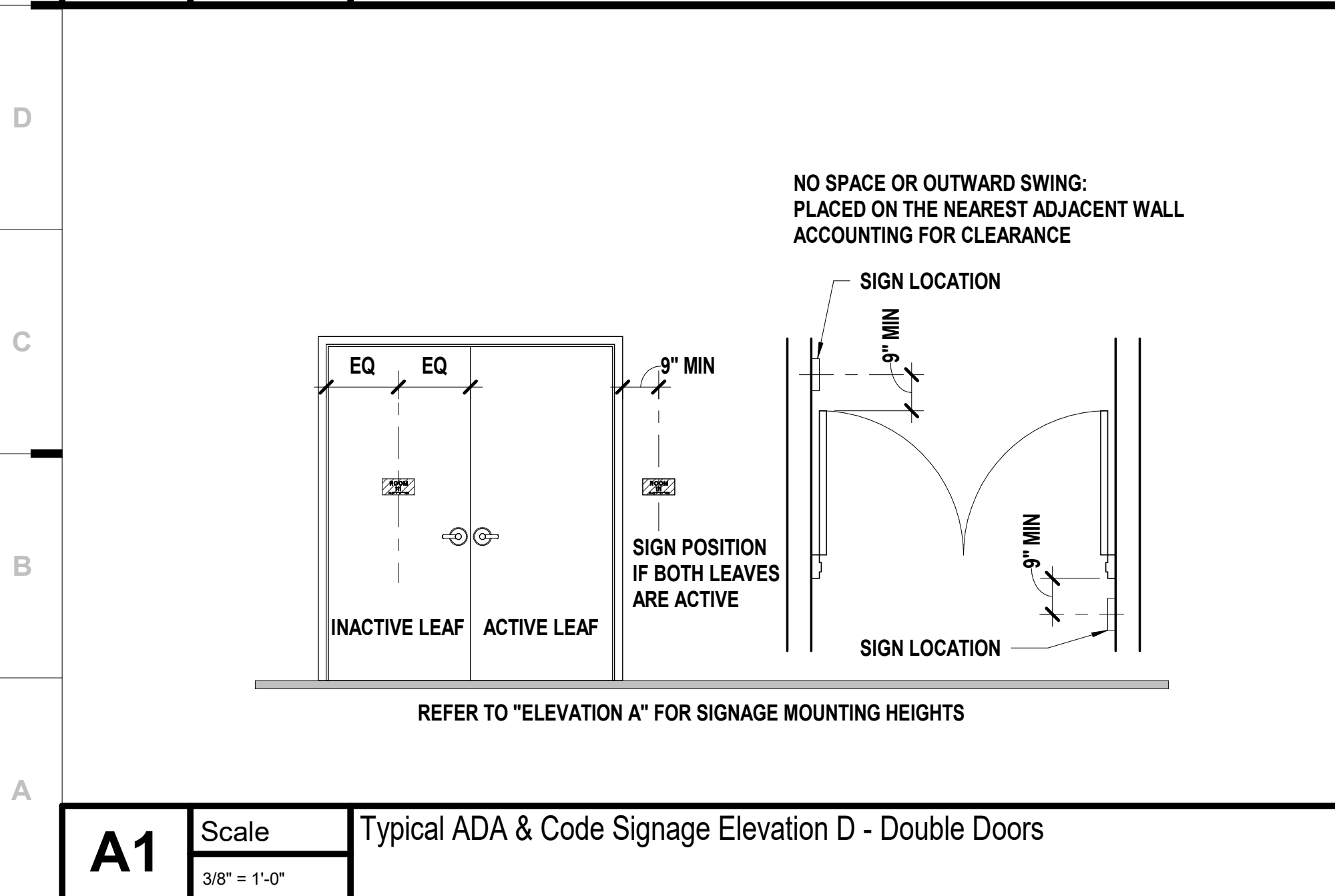
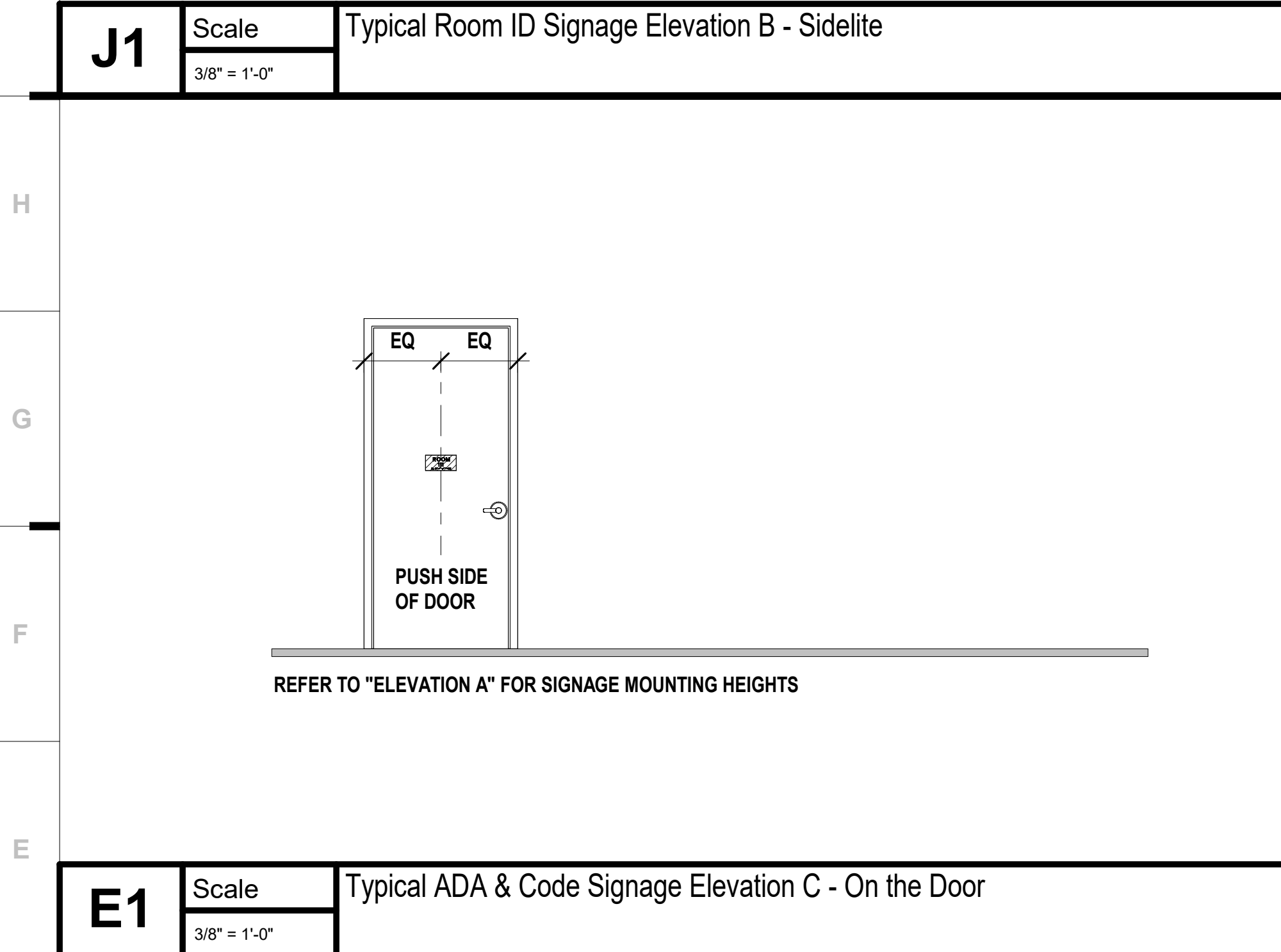
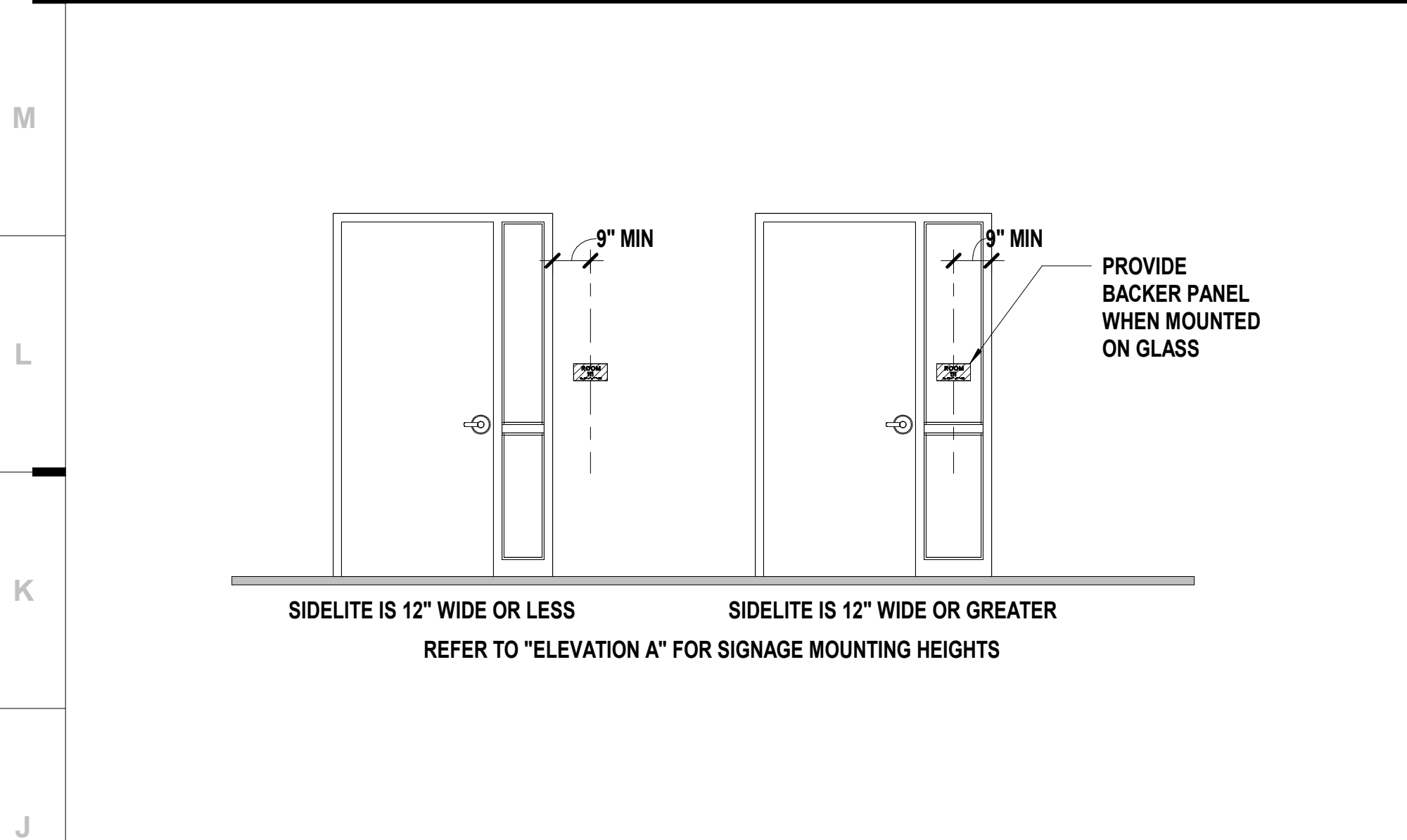
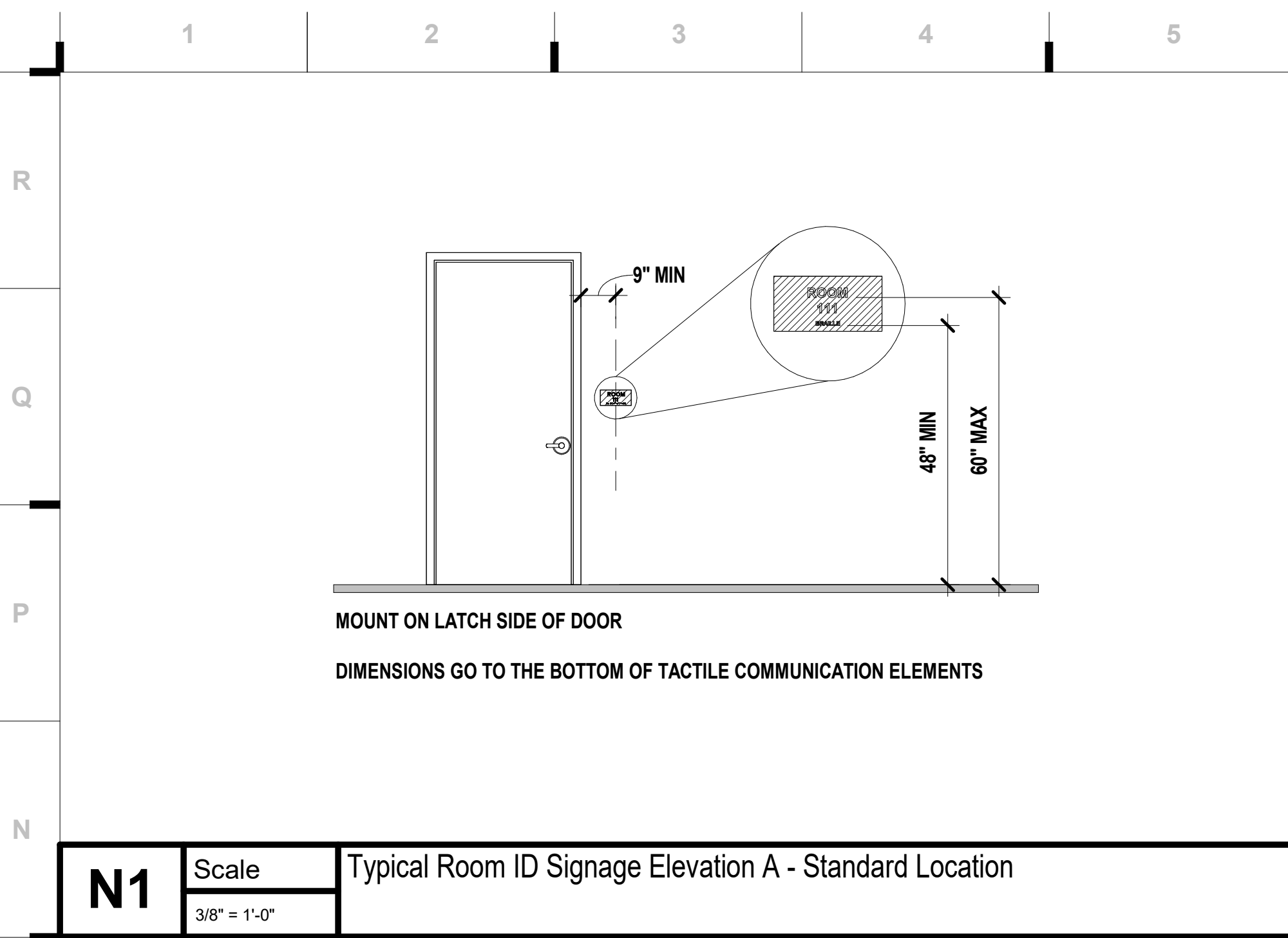
- REFER TO FINISH FLOOR PLANS, REFLECTED CEILING PLANS, ELEVATIONS, AND DETAILS FOR EXTENT OF MULTIPLE FINISHES.
- DO NOT PAINT NATURAL OR MANUFACTURED STONE, BRICK, GLAZED BLOCK OR ANY OTHER PREFINISHED MATERIALS.
- DO NOT PAINT ALUMINUM OR OTHER NON-FERROUS METALS THAT ARE PREFINISHED.
- MATCH VERTICAL FINISH OF ALL INTERIOR GYPSUM BOARD SOFFITS TO HORIZONTAL FINISH AS NOTED ON RCP OR ROOM FINISH SCHEDULE. UNO.
- PAINT ALL EXPOSED CEILINGS DESIGNATED AS 'OTS' AS INDICATED ON ROOM FINISH SCHEDULE. PAINTING INCLUDES, BUT IS NOT LIMITED TO: EXPOSED STRUCTURE, JOISTS, METAL DECKING, EXISTING TECTUM PANELS, DUCTWORK AND MECHANICAL EQUIPMENT.
- PAINT ALL EXPOSED STEEL, UNO.
- PAINT ALL INTERIOR HOLLOW METAL DOORS AND FRAMES COLOR HP1, UNO.
- PAINT OR FINISH THE FOLLOWING ITEMS TO MATCH ADJACENT PAINT OR FINISH:
  - ELECTRICAL PANELS IN FINISHED ROOMS
  - GRILLES, LOUVERS ETC. PRIMED OR SPECIFIED TO BE PAINTED
  - UNFINISHED SPEAKER OUTLET GRILLES
  - VISIBLE PORTIONS OF DUCTWORK AND MECH EQUIPMENT BEHIND VENTS, GRILLES AND DIFFUSERS

ROOM SCHEDULE REMARKS

- PROVIDE LEVEL 5 FINISH FOR GYPSUM BOARD SURFACE WHERE WG1 IS DESIGNATED. RE: FINISH FLOOR PLANS AND INTERIOR ELEVATIONS FOR TRANSITION CLARIFICATION.

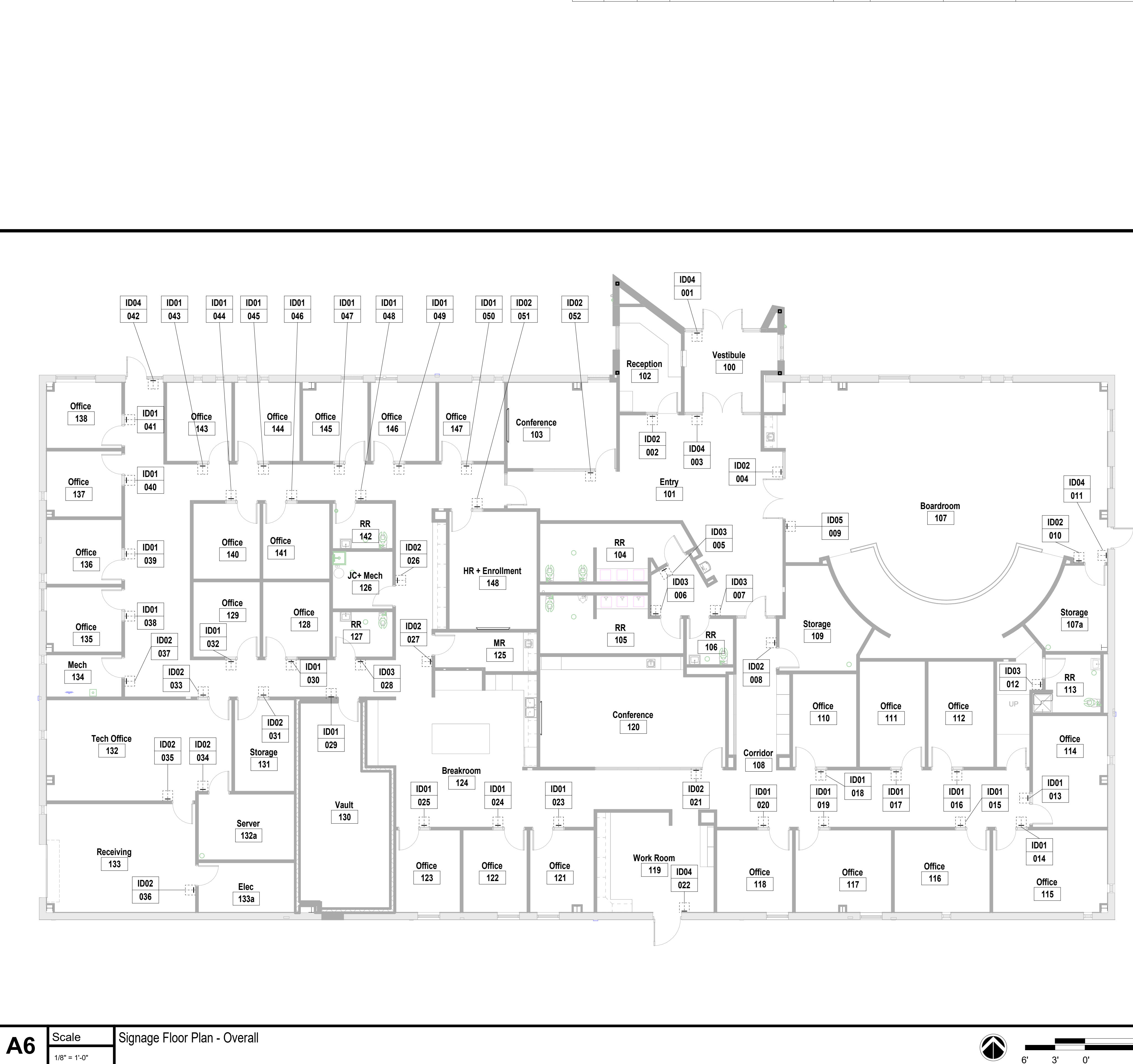
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ADA & Code Signage Schedule							
Sign #	Sign Type	# On Sign	Message On Sign	# on Drawing	Name on Drawing	Mounting Surface/ Method	Comments
001	ID04		EXIT	100	Vestibule	ON GLASS	
002	ID02		RECEPTION	102	Reception	ON GLASS	
003	ID04		EXIT	101	Entry	ON GLASS	
004	ID02		BOARDROOM	107	Boardroom	ON GLASS	
005	ID03		WOMENS RESTROOM <WOMAN><ACCESSIBLE>	104	RR		
006	ID03		MENS RESTROOM <MAN><ACCESSIBLE>	105	RR		
007	ID03		RESTROOM <WOMAN><MAN><ACCESSIBLE>	106	RR		
008	ID02		STORAGE	109	Storage		
009	ID05		MAXIMUM OCCUPANCY 104	107	Boardroom		
010	ID02		STORAGE	107a	Storage		
011	ID04		EXIT	107	Boardroom		
012	ID03		RESTROOM <WOMAN><MAN><ACCESSIBLE>	113	RR		
013	ID01			114	Office	ON GLASS	
014	ID01			115	Office	ON GLASS	
015	ID01			116	Office	ON GLASS	
016	ID01			112	Office	ON GLASS	
017	ID01			111	Office	ON GLASS	
018	ID01			110	Office	ON GLASS	
019	ID01			117	Office	ON GLASS	
020	ID01			118	Office	ON GLASS	
021	ID02		CONFERENCE ROOM	120	Conference	ON GLASS	
022	ID04		EXIT	119	Work Room		
023	ID01			121	Office	ON GLASS	
024	ID01			122	Office	ON GLASS	
025	ID01			123	Office	ON GLASS	

ADA & Code Signage Schedule							
Sign #	Sign Type	# On Sign	Message On Sign	# on Drawing	Name on Drawing	Mounting Surface/ Method	Comments
026	ID02		CUSTODIAL / MECHANICAL	126	JC+ Mech		
027	ID02		MOTHERS ROOM	125	MR		
028	ID03		RESTROOM <WOMAN><MAN><ACCESSIBLE>	127	RR		
029	ID01		VAULT	130	Vault		
030	ID01			128	Office	ON GLASS	
031	ID02		STORAGE	131	Storage		
032	ID01			129	Office	ON GLASS	
033	ID02		TECHNOLOGY	132	Tech Office	ON GLASS	
034	ID02		SERVER	132a	Server		
035	ID02		RECEIVING	133	Receiving		
036	ID02		ELECTRICAL	133a	Elec		
037	ID02		MECHANICAL	134	Mech		
038	ID01			135	Office	ON GLASS	
039	ID01			136	Office	ON GLASS	
040	ID01			137	Office	ON GLASS	
041	ID01			138	Office	ON GLASS	
042	ID04		EXIT	139	Corridor	ON GLASS	
043	ID01			143	Office	ON GLASS	
044	ID01			140	Office	ON GLASS	
045	ID01			144	Office	ON GLASS	
046	ID01			141	Office	ON GLASS	
047	ID01			145	Office	ON GLASS	
048	ID01		RESTROOM <WOMAN><MAN><ACCESSIBLE>	142	RR		
049	ID01			146	Office	ON GLASS	
050	ID01			147	Office	ON GLASS	
051	ID02		HR & ENROLLMENT	148	HR + Enrollment	ON GLASS	
052	ID02		CONFERENCE ROOM	103	Conference	ON GLASS	



<b>A6</b>	Scale	Signage Floor Plan - Overall
	1/8" = 1'-0"	

# EGD GENERAL NOTES

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THESE GENERAL NOTES ARE SUPPLEMENTAL TO THE PROJECT MANUAL

- CONTRACTOR TO REVIEW THE DRAWINGS (INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, MECHANICAL, STRUCTURAL, SITE, AND ELECTRICAL DRAWINGS) AND FIELD VERIFY SITE CONDITIONS TO CONFIRM SIZES AND LOCATIONS OF SIGNAGE AND ANY SIGNAGE-RELATED ELEMENTS.
- ANY DISCREPANCIES AND/OR CONFLICTS SHALL BE REPORTED TO THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH FABRICATION OR ORDERING OF MATERIALS.
- REFER TO FINAL ACR FOR ADDITIONAL INSTRUCTIONS AND INFORMATION ON NON-PRINTING LAYERS.
- PRE-INSTALL COORDINATION MEETING IS MANDATORY.
- CONTRACTOR SHALL SUBMIT FULLY-DETAILED WORKING (SHOP) DRAWINGS OF ALL SIGNS AND GRAPHICS CONTAINED IN THIS PACKAGE TO THE ARCHITECT. DRAWINGS SHALL BE REVIEWED AND HAVE SIGNED APPROVAL PRIOR TO FABRICATION OR ORDERING OF MATERIALS. REFER TO PROJECT MANUAL.
- ALL SIGNS ARE TO BE FABRICATED FROM MATERIALS SPECIFIED UNLESS OTHERWISE APPROVED IN WRITING BY CLIENT AND ARCHITECT.
- CONTRACTOR IS RESPONSIBLE FOR DETERMINING PROPER MOUNTING, FASTENING AND ANCHORING METHODS FOR ALL SIGNS UNLESS NOTED OTHERWISE. DETERMINATION TO ACCOUNT FOR SURFACE MATERIAL SIGN IS BEING MOUNTED TO. SEE ALSO SECTION 10 40 00 OF THE SPECIFICATIONS.
- DRAWINGS CONTAINED IN THIS PACKAGE ARE FOR AESTHETIC AND FUNCTIONAL DESIGN ONLY. NO INSTRUCTIONS FOR STRUCTURAL APPROPRIATENESS HAVE BEEN MADE. IT IS THE RESPONSIBILITY OF THE FABRICATOR TO ENSURE THAT ALL ELEMENTS ARE FABRICATED FOR A STABLE AND DURABLE INSTALLATION WHILE ADHERING TO THE AESTHETIC DETAILS INDICATED.
- ALL FASTENERS ARE TO BE CONCEALED UNLESS NOTED OTHERWISE. ANY VISIBLE FASTENERS TO BE COUNTER-SUNK AND PAINTED TO MATCH ADJACENT MATERIAL, UNLESS NOTED OTHERWISE.
- ALL TEXT SHOWING IS FOR REFERENCE ONLY. UNLESS NOTED OTHERWISE, SIGNAGE CONTRACTOR TO CONFIRM MESSAGE SCHEDULE WITH ARCHITECT FOR EXACT TEXT ON EACH SIGN.
- LAY OUT EACH SIGN MESSAGE FOR APPROVAL PER SPECIFICATION SECTION 10 44 23.
- ALL GRAPHICS SHOWN ARE PLACEHOLDER IMAGES.
- CONTRACTOR TO COORDINATE BLOCKING NEEDS WITH ARCHITECT AND CONSTRUCTION MANAGER.
- PROVIDE APPROPRIATE CHEMICAL BOND BREAK BETWEEN ALL DISSIMILAR METALS (INCLUDING BETWEEN SIGN PARTS OR BETWEEN SIGNS AND MOUNTING SUBSTRATE).
- CONTRACTOR TO VERIFY ALL EXISTING FINISHES AND NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PERFORMING ANY WORK.

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**Sedalia Central Office Relocation**  
Sedalia School District 200  
1712 S Lafayette Ave  
Sedalia, MO 65301

REVISIONS:		
#	Description	Date

STATE OF MISSOURI  
JUSTIN GRAHAM DURHAM  
NUMBER  
A-2009005512  
ARCHITECT  
04/11/2025

JOB NO: 23195  
DRAWN BY: JCC  
CHECKED BY: JB  
DATE: 04/11/2025

A701

## SIGNAGE FLOOR PLAN - OVERALL



[illegible]



R	01. Abbreviation Schedule	
	Abbreviation	Abbreviation Name
Q	ADNL	PLUS OR MINUS
	ADJ	ADJACENT
	AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
	AFF	ABOVE FINISHED FLOOR
	ALT	ALTERNATE
	AR	ANCHOR ROD
	ARCH	ARCHITECT OR ARCHITECTURAL
	BT	BOTTOM OF
	BW	BETWEEN
	BLDG	BUILDING
P	BLKG	BLOCKING
	BM	BEAM
	BOT	BOTTOM
	BRS	BEARING
	BWP	BRACED WALL PANEL
	CFS	COLD FORMED STEEL
	CHKD	CHECKED
	CP	CAST IN PLACE
	CJ	CONTROL JOINT
	CJP	COMPLETE JOINT PENETRATION
N	CL	CENTERLINE
	CLR	CLEAR
	COL	COLUMN
	CONC	CONCRETE
	CONN	CONNECTION
	CONT	CONTINUOUS
	CTR	CENTER
	Ø	DIA OF REIN BAR DIA OF BOLT
	DIA	DIAMETER
	DIAG	DIAGONAL
M	DIR	DIRECTION
	DWL	DOWEL
	EA	EACH
	EE	EXTENDED END
	EJ	EXPANSION JOINT
	ELEV	ELEVATION
	EN	EDGE NAILING
	ENGR	ENGINEER
	EO	EDGE OF DECK
	EOS	EDGE OF SLAB
L	EQ	EQUAL
	EQN WAY	EQUAL WAY
	EW	EXISTING
	EXIST	EXISTING
	EXT	EXTERIOR
	FDN	FOUNDATION
	FLG	FLANGE
	FLR	FLOOR
	FS	FACE SIDE
	FTG	FOOTING
K	FV	FIELD VERIFY
	GA	GAUGE
	GALV	GALVANIZED
	GB	GRADE BEAM
	GC	GENERAL CONTRACTOR
	HORIZ	HORIZONTAL
	HS	HEADED STUD ANCHOR
	HSS	HOLLOW STRUCTURAL SECTION
	I	INSIDE FACE
	INT	INTERIOR
J	JST	JOIST
	K	KIPS (1000 LBS)
	LCE	COMPRESSION EMBEDMENT LENGTH
	LCS	COMPRESSION LAP SPUCE LENGTH
	LH	LONG LEG HORIZONTAL
	LLV	LONG LEG VERTICAL
	LSH	LONG SLOTTED HOLE
	LTE	TENSION EMBEDMENT LENGTH
	LTS	TENSION LAP SPUCE LENGTH
	LW	LIGHTWEIGHT
H	MFOR	MANUFACTURER
	MTL	METAL
	NC	NOT IN CONTRACT
	NS	NEAR SIDE
	NTS	NOT TO SCALE
	OC	ON CENTER
	OF	OUTSIDE FACE
	OPP	OPPOSITE
	OVS	OVERSIZED
	PIC	PRECAST
G	PAF	POWDER ACTUATED FASTENER
	PAR	PARALLEL
	PEMB	PRE-ENGINEERED METAL BUILDING
	PEN	PENETRATION
	PERP	PERPENDICULAR
	PL	PLATE
	PLF	POUNDS PER LINEAR FOOT
	PRFAB	PRE-FABRICATED
	PRELIM	PRELIMINARY
	PSF	POUNDS PER SQUARE FOOT
F	PSI	POUNDS PER SQUARE INCH
	RC	REINFORCED CONCRETE
	RE	REFER TO
	REIN	REINFORCING
	REQD	REQUIRED
	RF	RIGID FRAME
	SC	SLIP CRITICAL
	SOS	SELF DRILLING SCREW
	SM	SIMILAR
	SLV	SHORT LEG VERTICAL
E	SOG	SLAB ON GRADE
	SQ	SQUARE
	SS	STAINLESS STEEL
	STD	STANDARD
	STR	STRUTS
	STL	STEEL
	SW	SHEAR WALL
	SYM	SYMMETRIC
	T&B	TOP AND BOTTOM
	TI	TOP OF
D	TRANS	TRANSVERSE
	TYP	TYPICAL
	UNO	UNLESS NOTED OTHERWISE
	VERT	VERTICAL
	WI	WITH
	W/O	WITHOUT
	WF	WIDE FLANGE
	WP	WORK POINT
	WWR	WELDED WIRE REINFORCEMENT

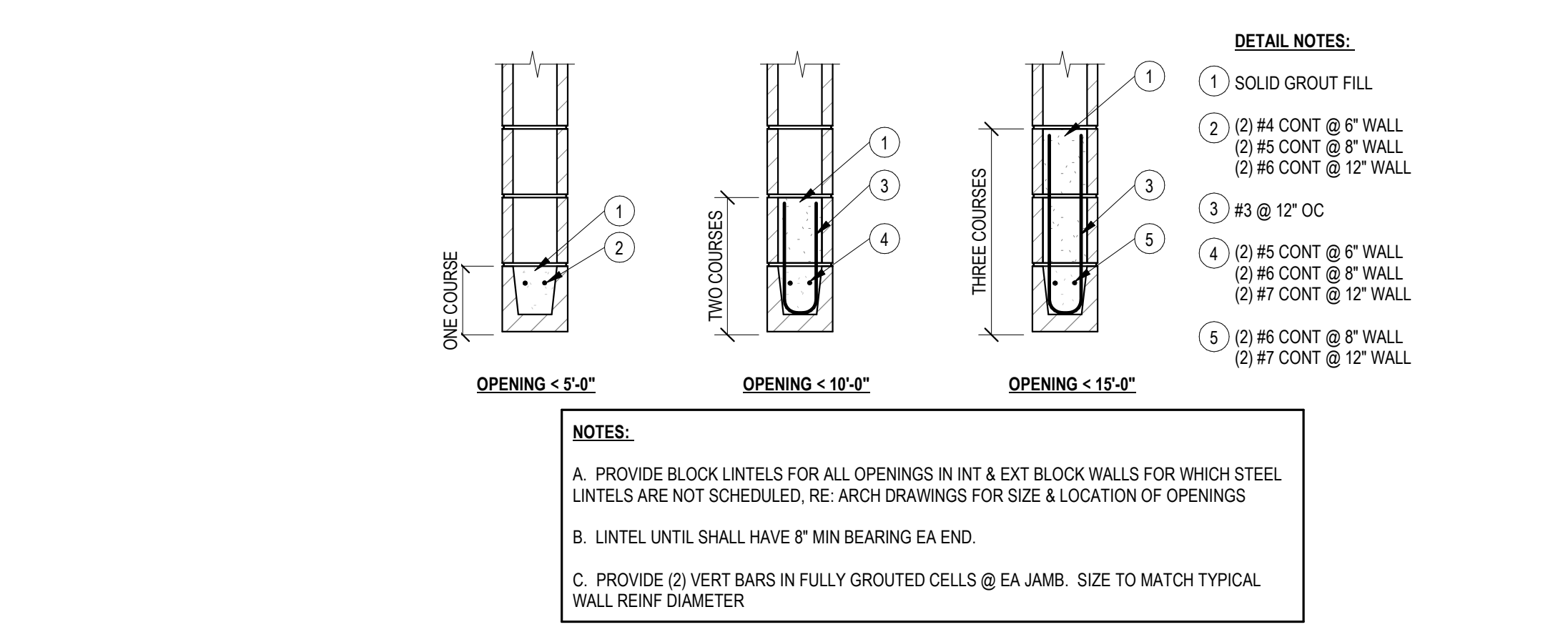
STRUCTURAL DESIGN CRITERIA (2015 IBC AND ASCE 7-10):

- BUILDING OCCUPANCY RISK CATEGORY II.
  - LIVE LOADS (UNIFORM (PSF) / POINT LOADS (KIPS)):  
-- ROOF: 20 PSF / 300k
  - ROOF SNOW LOAD:  
-- GROUND SNOW LOAD (Pg): 20 PSF  
-- FLAT ROOF SNOW LOAD (Pf): 15 PSF + DRIFT PER PLAN  
-- MIN UNIFORM ROOF SNOW LOAD (Pm): 20 PSF (NO DRIFT OR RAIN)  
-- RAIN ON SNOW SURCHARGE (Ps): 5.0 PSF  
-- SNOW EXPOSURE FACTOR (Ce): 1.0 EXPOSURE B  
-- SNOW LOAD IMPORTANCE FACTOR (Is): 1.0  
-- THERMAL FACTOR (Ti): 1.1  
-- SLOPE FACTOR (Cs): 1.0
  - WIND DESIGN DATA:  
-- BASIC WIND SPEED (3 SEC GUST): 115 MPH  
-- ASD WIND SPEED (VASD): 80 MPH  
-- WIND EXPOSURE: B  
-- GROUND ELEVATION ABOVE SEA LEVEL: 987 FT  
-- DIRECTIONALITY FACTOR (Kd): 0.85  
-- INTERNAL PRESSURE COEFF: 0.18
  - EARTHQUAKE DESIGN DATA:  
-- SEISMIC IMPORTANCE FACTOR (Im): 1.0  
-- MAPPED SPECTRAL RESP ACCEL (Ss / S1): 0.142 / 0.083  
-- SITE CLASS: D  
-- SPECTRAL RESPONSE COEFF (Sds / Sd1): 0.152 / 0.133  
-- SEISMIC DESIGN CATEGORY: B  
-- SEISMIC FORCE RESISTING SYSTEM: R=3, STEEL  
-- DESIGN BASE SHEAR: 2 K (ELF AND ASD)  
-- SEISMIC RESPONSE COEFF (Cs): 0.03  
-- ANALYSIS PROCEDURE: ELF
  - RAIN LOAD DATA:  
-- 15 MIN RAIN INTENSITY: 6.48 IN/HR  
-- 60 MIN RAIN INTENSITY: 3.24 IN/HR  
DESIGN ASSUMES APPROPRIATE ROOF SLOPE AND DRAINAGE (INCLUDING OVERFLOWS) ARE PROVIDED. ROOF IS DESIGNED FOR LIVE LOAD INDICATED ABOVE
- STRUCTURAL GENERAL NOTES:**
- DESIGN AND CONSTRUCTION SHALL CONFORM TO THE "INTERNATIONAL BUILDING CODE, 2015 EDITION" AS AMENDED BY THE CITY OF SEDALIA, MO. REFER TO THE SPECIAL STRUCTURAL INSPECTION NOTES FOR ADDITIONAL REQUIREMENTS.
  - CONTRACTOR TO VERIFY ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCING WORK.
  - IF DISCREPANCIES EXIST BETWEEN STRUCTURAL PLANS, ARCHITECTURAL PLANS, OTHER PLANS, OR SPECS, THE CONTRACTOR OR SUBCONTRACTOR SHALL PROVIDE A WRITTEN REQUEST FOR CLARIFICATION FROM THE ARCHITECT AND/OR ENGINEER PRIOR TO PROCEEDING WITH THE WORK.
  - THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO EXECUTE AND MAINTAIN FINAL ERECTION PROCEDURES, SEQUENCING AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING ERECTION. THIS INCLUDES WHATEVER SHORING, SHEETING, TEMPORARY BRACING, GUYING OR THE TOWNS WHICH MIGHT BE NECESSARY.
  - THE STRUCTURE AND FOUNDATIONS ARE NOT DESIGNED FOR FUTURE EXPANSION.
  - FABRICATORS AND SUPPLIERS SHALL CLEARLY NOTE AND HIGHLIGHT CHANGES MADE IN SHOP DRAWINGS, WHICH DO NOT COMPLY WITH THE CONTRACT DOCUMENTS.
  - COLUMNS, BEAMS, JOISTS, OR TRUSSES SHALL NOT BE FIELD CUT OR TRIMMED FOR ANY REASON WITHOUT THE WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.
  - HOLES, PIPES, SLEEVES, ETC. NOT SHOWN ON THE DRAWINGS MUST BE REVIEWED BY THE ARCHITECT/ENGINEER BEFORE PLACEMENT THROUGH STRUCTURAL MEMBERS.
  - IF MECHANICAL AND ELECTRICAL EQUIPMENT SIZES, WEIGHTS, OR LOCATIONS DO NOT CONCLUDE WITH EQUIPMENT SHOWN ON THE PLANS, COORDINATE ADJUSTMENTS WITH THE ARCHITECT.
  - NO AREA OF THE STRUCTURE SHALL BE LOADED WITH CONSTRUCTION MATERIALS OR EQUIPMENT THAT EXCEEDS FINAL DESIGN CRITERIA.
  - BEAMS, COLUMNS, WALLS AND FOOTING CENTERS SHALL BE CENTERED UNDER SUPPORTING MEMBERS (TYPICAL UNLESS NOTED OTHERWISE).
  - DELEGATED DESIGN - DEFERRED SUBMITTALS SHALL BE SIGNED/SEALED PRIOR TO SUBMITTAL FOR REVIEW AND THESE, INCLUDE:  
A. COLD FORMED FRAMING  
SUBMIT THESE SHOP DRAWINGS AND CALCULATIONS SEALED BY A STRUCTURAL ENGINEER LICENSED TO PRACTICE IN THE JURISDICTION OF THE PROJECT SHALL BE FURNISHED TO THE ENGINEER OF RECORD FOR REVIEW. CONTRACTOR SHALL SUBMIT COPIES OF DEFERRED SUBMITTALS TO BUILDING DEPARTMENT AFTER ARCH/ENG REVIEW.
  - TYPICAL DETAILS ARE SHOWN ON SHEETS DESIGNATED "SD01". THE INCLUDED TYPICAL DETAILS MAY OR MAY NOT BE CUT / REFERENCED ON SPOB OR SECTIONS, BUT ARE TO BE USED AS APPLICABLE
- SUBMITTALS:**
- GENERAL CONTRACTOR TO PROVIDE A SHOP DRAWING SUBMITTAL LOG AND SUBMITTAL SCHEDULE ITEMIZING ALL PROPOSED SUBMITTALS FOR APPROVAL BY STRUCTURAL ENGINEER OF RECORD.
  - ALL SHOP DRAWINGS SHALL BE CHECKED BY THE FABRICATOR AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL TO THE STRUCTURAL ENGINEER OF RECORD. SHOP DRAWINGS SUBMITTED BY ENGINEER IS LIMITED TO VERIFYING GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES FROM THE CONTRACT DOCUMENTS, DIMENSIONAL ERRORS, COORDINATION ERRORS, OR OMISSIONS IN SHOP DRAWINGS. EOR IS NOT RESPONSIBLE FOR ANY DELAYS CAUSED BY THESE REQUIREMENTS NOT BEING MET.
  - SHOP DRAWINGS SHALL INCLUDE CONNECTIONS AS WELL AS SIZE, SPACING, AND GRADE OF ALL MEMBERS AND MATERIALS. PLANS AND ANY DETAILING NECESSARY FOR DETERMINING FIT AND PLACEMENT SHALL ALSO BE INCLUDED.
  - ANY CHANGES TO THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND BE SUBJECT TO REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD PRIOR TO RELEASE FOR FABRICATION AND CONSTRUCTION.
  - DESIGN DRAWINGS, SHOP DRAWINGS, AND CALCULATIONS FOR THE DESIGN AND FABRICATION OF ITEMS THAT ARE DESIGNED BY THE CONTRACTOR SHALL BEAR THE SEAL AND SIGNATURE OF AN ENGINEER REGISTERED IN THE APPROPRIATE STATE AND SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER PRIOR TO FABRICATION AND CONSTRUCTION. CALCULATIONS SHALL BE INCLUDED FOR ALL CONNECTIONS TO THE STRUCTURE, CONSIDERING LOCALIZED EFFECTS ON STRUCTURAL ELEMENTS INDUCED BY THE CONNECTION LOADS. ITEMS THAT ARE DESIGNED BY THE CONTRACTOR SHALL BE DESIGNED TO RESIST THE LIVE LOADS INDICATED IN STRUCTURAL NOTES, DEAD LOAD, SELF WEIGHT, ANY ADDITIONAL LOADING INDICATED ON PLANS AND DETAILS, SNOW DRIFT, AND A NET WIND UPLIFT. THESE ITEMS DESIGNED BY THE CONTRACTOR SHALL INCLUDE ANY RELEVANT TECHNICAL LITERATURE FROM THE MANUFACTURER, SUCH AS ICC-ES REPORTS DEMONSTRATING CODE COMPLIANCE.
  - FIELD ENGINEERED DETAILS DEVELOPED BY THE CONTRACTOR THAT DIFFER FROM OR ADD TO THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ARE SUBJECT TO REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD PRIOR TO RELEASE FOR FABRICATION AND CONSTRUCTION.
  - UNLESS DICTATED OTHERWISE BY THE CONTRACT DOCUMENTS, THE ENGINEER SHALL HAVE A MINIMUM OF 10 WORKING DAYS FROM RECEIPT OF SHOP DRAWINGS FOR REVIEW AND SHALL HAVE A MINIMUM OF 3 WORKING DAYS FOR RFI RESPONSES.
  - SEE MATERIAL SPECIFIC SECTIONS IN THE GENERAL NOTES FOR REQUIRED SHOP DRAWINGS AND CALCULATIONS TO BE SUBMITTED.
  - THE CONTRACTOR SHALL COORDINATE SEISMIC RESTRAINTS AND BRACING OF ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL EQUIPMENT, MACHINERY, AND ASSOCIATED PIPING WITH THE STRUCTURE. ANY CONNECTIONS TO STRUCTURE SHALL CONFORM TO ASCE 7, CHAPTER 13 AND SHALL BE DESIGNED BY AN ENGINEER REGISTERED IN THE APPROPRIATE STATE AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION.
- SPECIAL INSPECTIONS:**
- PROVIDE SPECIAL STRUCTURAL INSPECTIONS AND VERIFICATIONS BY A THIRD PARTY MEETING THE REQUIREMENTS OF CHAPTER 17 OF THE BUILDING CODE AND THE BUILDING OFFICIAL.
  - SPECIAL INSPECTORS SHALL BE QUALIFIED AND FURNISH THEIR REPORTS IN A TIMELY MANNER TO THE CONTRACTOR, BUILDING OFFICIALS, ARCHITECT, AND/OR ENGINEER.
  - SHOULD INSPECTOR IDENTIFY ANY DISCREPANCY, THEY SHALL NOTIFY CONTRACTOR FIRST, AND THEN ARCH/ENGINEER IMMEDIATELY THEREAFTER IF CORRECTIVE ACTION IS NEEDED.

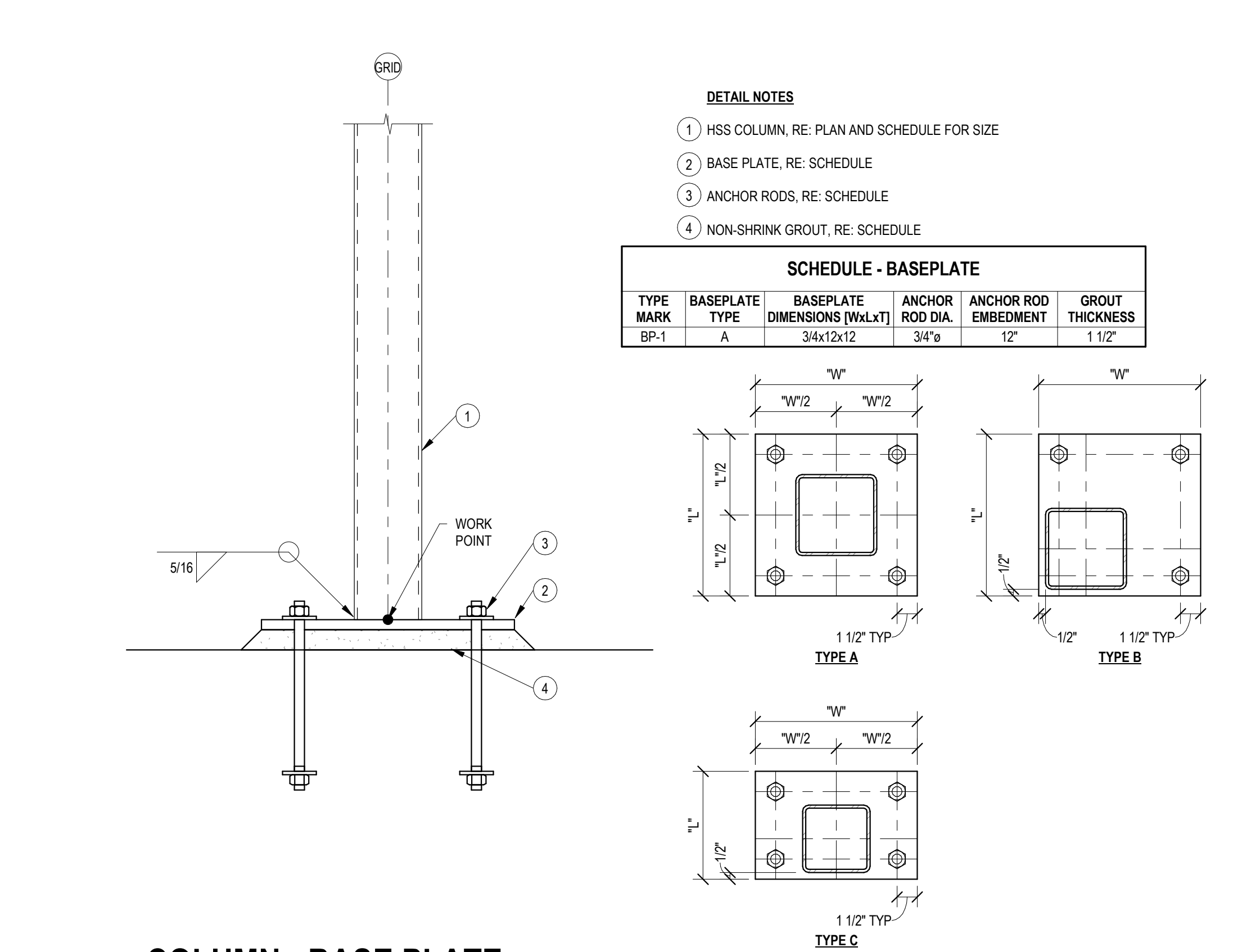
- SPECIAL INSPECTIONS AS REQUIRED BY CODE:  
A. STEEL: SECTION 1705.2 AND AISI 360. PERIODIC OBSERVATIONS OF CONNECTION, ALL BRACED-FRAME CONNECTIONS, BOLTS, AND FIELD WELDING.  
B. CONCRETE: SECTION 1705.3 AND TABLE 1705.3. CONCRETE MATERIAL SAMPLING AND TESTING, REBAR OBSERVATIONS. TAKE SET OF (3) CYLINDERS FOR EVERY 50 C.Y., BUT NOT LESS THAN ONE SET OF SAMPLES PER DAYS WORK AND PER MIX.  
C. SOILS: SECTION 1705.6. FOUNDATION BEARING, EXCAVATION, FILL PLACEMENT.
- EARTHWORK AND FOUNDATIONS:**
  - A GEOTECHNICAL REPORT HAS NOT BEEN PROVIDED FOR THIS PROJECT
  - PERIMETER AND EXTERIOR FOOTINGS SHALL BEAR AT A MINIMUM OF 3'-0" BELOW ADJACENT GRADE.
  - ALL FOOTINGS SHALL BEAR ON FIRM NATIVE MATERIALS, COMPACTED OR ENGINEERED FILL CAPABLE OF SUPPORTING A PRESUMPTIVE BEARING PRESSURE OF 1,500 PSF. DEEPEN FOOTINGS, AND REMOVE AND REPLACE UNACCEPTABLE SOILS WITH ENGINEERED FILL AS REQUIRED TO PROVIDE THIS MINIMUM DEPTH AND SUITABLE BEARING CAPACITY.
  - UNDERCUT THE PAD TO A DEPTH OF 18-INCHES BELOW BOTTOM OF FLOOR SLAB ELEVATION AND REPLACE WITH LOW-VOLUME-CHANGE MATERIALS PER THE GEOTECHNICAL REPORT.
  - FILL PLACEMENT, COMPACTION, AND SOIL BEARING TESTS SHALL BE PERFORMED BY A GEOTECHNICAL ENGINEER PRIOR TO INSTALLING FOOTINGS TO ENSURE DESIGN ALLOWABLE BEARING VALUES AND SLAB SUBGRADE REQUIREMENTS ARE SATISFIED. IF ACTUAL SITE CONDITIONS DO NOT SATISFY THESE REQUIREMENTS, COORDINATE ADJUSTMENTS WITH ARCHITECT/ENGINEER/GEOTECHNICAL ENGINEER
  - SURFACE WATER SHALL NOT BE ALLOWED TO STAND ADJACENT TO OR DRAIN TOWARDS THE FOUNDATION AND SLAB SUBGRADES UNDER ANY CIRCUMSTANCES. PAVEMENTS OR GRADED SOILS AT THE PERIMETER OF THE BUILDING, EXCEPT AS REQUIRED AT EXITS OR AS NOTED, SHALL BE SLOPED AWAY AT 5% OR 6" MIN FOR THE FIRST TEN FEET AND AS REQUIRED TO PROVIDE POSITIVE DRAINAGE.
  - FOOTINGS MAY BE POURED TO NEAT LINES OF EXCAVATIONS PROVIDING VERTICAL LINES OF EXCAVATIONS CAN BE MAINTAINED DURING CONCRETE PLACEMENT.
  - FOUNDATION WALL BACKFILL SHALL NOT BE UNBALANCED BY MORE THAN TWO FEET ON EITHER SIDE AT ANY TIME. BASEMENT AND RESTRAINED RETAINING WALL BACKFILL SHALL NOT BE PLACED, UNLESS THE WALL IS ADEQUATELY BRACED. RETAINING WALL AND BASEMENT WALL BACKFILL SHALL BE FREE DRAINING GRANULAR BACKFILL ACCEPTABLE TO THE GEOTECHNICAL ENGINEER.
  - DO NOT PLACE CONCRETE UNLESS FOOTING EXCAVATIONS ARE FREE OF ALL WATER, FROST, ICE AND LOOSE SOIL. CONCRETE SHALL BE PLACED AS SOON AS POSSIBLE AFTER EXCAVATION SO THAT EXCESSIVE DRYING OF BEARING MATERIALS DOES NOT OCCUR. BEARING MATERIAL SHALL BE INSPECTED BY A QUALIFIED INDEPENDENT TESTING LAB PRIOR TO PLACEMENT OF CONCRETE.
- CONCRETE REINFORCING STEEL:**
  - SUBMIT SHOP DRAWINGS FOR REBAR. ALL REINFORCING BARS SHALL MEET ASTM A615 GRADE 60.
  - ALL WELDED WIRE REINFORCEMENT (WWR) SHALL MEET ASTM A1064- LAP A MINIMUM OF 8" OR ONE FULL MESH, WHICHEVER IS GREATER.
  - REINFORCING BAR QUANTITIES SHOWN ARE FOR ESTIMATING PURPOSES ONLY.
  - MAINTAIN MINIMUM CONCRETE PROTECTION OR COVER FOR REINFORCING AS INDICATED, UNLESS NOTED OTHERWISE:  
A. 3" CLEAR WHERE CONCRETE IS CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND.  
B. 2" CLEAR WHERE CONCRETE IS EXPOSED TO WEATHER OR IN CONTACT WITH GROUND BUT CAST AGAINST FORMS FOR BARS LARGER THAN #5.  
C. 1 1/2" CLEAR WHERE CONCRETE IS EXPOSED TO WEATHER OR IN CONTACT WITH GROUND BUT CAST AGAINST FORMS FOR BARS 5# OR SMALLER.  
D. 1/2" CLEAR FOR SLABS, JOISTS AND WALLS NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND.  
E. 1 1/2" CLEAR FOR BEAMS AND COLUMNS NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND.
  - CONTRACTOR SHALL VERIFY THAT ALL REINFORCEMENT, SLAB DOWELS, INSERTS, SLEEVES AND EMBEDDED ITEMS ARE PROPERLY LOCATED AND RIGIDLY SECURED PRIOR TO CONCRETE PLACEMENT, "WET STICKING" DOWELS WILL NOT BE ALLOWED.
  - REINFORCEMENT SHALL BE DETAILED IN ACCORDANCE WITH THE LATEST A.C.I. DETAILING MANUAL, BY A QUALIFIED AND EXPERIENCED FIRM AND PERSON. PLACE AND SUPPORT REINFORCEMENT WITH ACCESSORIES. MAXIMUM SPACING - 48" CENTERS (PLASTIC-TIPPED LEGS FOR EXPOSED SURFACES). USE 3" SBB SUPPORTS AT ALL FOOTINGS.
  - ALL STRUCTURAL ADHESIVE FOR REINFORCING SHALL BE SIMPSON SET-3G OR HILTI HIT-HY 204R OR EQUIVALENT. ALL STRUCTURAL ADHESIVE SHALL BE INSTALLED PER THE MANUFACTURERS PRINTED INSTALLATION INSTRUCTIONS. SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL WITH APPROPRIATE ICC-ES EVALUATION REPORTS.
- CAST IN PLACE CONCRETE:**
  - SUBMIT PROPOSED MIXED DESIGNS OF EACH TYPE FOR REVIEW. REQUIRED MINIMUM CONCRETE COMPRESSIVE STRENGTHS AT 28 DAYS:  
a. FOOTING AND GRADE BEAM CONCRETE: 4000 PSI  
b. SLAB ON GRADE: 4000 PSI
  - ALL CONCRETE MIX DESIGNS SHALL HAVE WATER TO CEMENT RATIOS LESS THAN 0.52, WITH A MAXIMUM 60/40 FINE TO COARSE AGGREGATE RATIO. CONCRETE MIX DESIGNS THAT DO NOT CONFORM TO THE ABOVE STANDARD AND/OR CONTAIN WATER REDUCING ADJUSTMENTS SHALL BE SUBMITTED WITH APPROPRIATE TEST DATA PER A.C.I. ALL CONCRETE SHALL BE IN CONFORMANCE WITH THE A.C.I. 301 STANDARD THAT IS REFERENCED IN THE BUILDING CODE AT THE TIME OF PERMITTING THE PROJECT.
  - EXTERIOR CONCRETE (FLOOR SLABS, WALLS, ETC) SHALL HAVE .65% (PLUS/MINUS 1.5%) ENTRAINED AIR.
  - NO ALUMINUM SHALL BE EMBEDDED IN ANY CONCRETE.
  - NO CALCIUM CHLORIDE SHALL BE USED IN CONCRETE.
  - THE DESIGN, CONSTRUCTION, AND SAFETY OF ALL FORMWORK IS THE RESPONSIBILITY OF THE CONTRACTOR.
  - ALL CONCRETE IS REINFORCED UNLESS SPECIFICALLY NOTED AS UNREINFORCED. REINFORCE ALL CONCRETE NOT OTHERWISE SHOWN WITH THE SAME REINFORCING AS SIMILAR SECTIONS OR AREAS.
  - CONSTRUCTION JOINTS IN GRADE BEAMS, CONTINUOUS FOOTINGS, AND WALLS THAT DO NOT CHANGE DIRECTION SHALL BE SPACED NO GREATER THAN 60'-0". INTERMEDIATE CONTROL JOINTS SHALL BE SPACED AT 25'-0" MAX FOR WALLS. CONTROL JOINTS IN WALLS SHALL ALSO BE LOCATED 15'-0" FROM CORNERS AND AT CHANGES IN WALL THICKNESS.
  - WHERE FRESH CONCRETE IS DEPOSITED AGAINST HARDENED CONCRETE (GREATER THAN 8 HRS OLD), CLAM EXISTING SURFACE OF LAITANCE AND FOREIGN MATERIAL, AND CLEAN THE EXISTING SURFACE. IF REQUIRED, ROUGHEN EXISTING CONCRETE TO 1/4" AMPLITUDE.
  - SLABS ON GRADE SHALL BE 4" THICK MINIMUM ON 4" OF GRANULAR FILL. REIN FILL WITH 6" x 6" W/2x12" WWR OR 8" x 8" BARS @ 18" OC EA WAY. PLACE REIN IN UPPER 1/3 OF SLAB THICKNESS. AT INTERIOR SLABS, A 15 MIL VAPOR BARRIER SHALL BE PLACED BETWEEN THE CONCRETE AND GRANULAR BASE AND CARE SHOULD BE TAKEN DURING CURING TO PREVENT SLAB CURLING. THIS NOTE SHALL BE TYPICAL UNLESS NOTED OTHERWISE.
  - SAW CUT JOINTS OR KEYED CONSTRUCTION JOINTS IN SLABS ON GRADE SHALL BE SPACED TO DIVIDE THE SLAB INTO PANELS NOT TO EXCEED 225 SQUARE FEET. THE LONGER DIMENSION OF EACH PANEL SHALL NOT EXCEED THE SHORTER DIMENSIONS BY MORE THAN 20%. JOINTS SHALL BE LOCATED AT COLUMN CENTERLINES WHERE POSSIBLE. SPACING BETWEEN JOINTS SHALL NOT EXCEED 15 FEET. CONTRACTOR SHALL SUBMIT JOINT LAYOUT TO ARCHITECT FOR APPROVAL. REFER TO TYPICAL DETAILS.
  - REINFORCEMENT SHALL BE CONTINUOUS AND LAPPED PER TYPICAL DETAIL (2'-6" MIN EXCEPT AS NOTED AND PROVIDE CORNER BARS OF SAME SIZE AND SPACING.
  - CONTRACTOR SHALL COORDINATE ALL CURING COMPOUNDS WITH FLOOR FINISH REQUIREMENTS TO ENSURE COMPATIBILITY.
  - FOUNDATION CONTRACTOR TO ENSURE PROPER ANCHOR ROD PROJECTION AND THAT ANCHOR RODS ARE HELD SECURELY IN POSITION PRIOR TO CONCRETE PLACEMENT. INSTALL ANCHOR RODS TO THE STRICT DIMENSIONAL TOLERANCES PER AISC REQUIREMENTS. STRUCTURAL STEEL COLUMN ANCHOR RODS SHALL BE SET WITH A RIGID TEMPLATE.
  - AGGREGATES AND/OR CONCRETE MIXES SHALL BE CERTIFIED TO BE FREE OF AND ELIMINATE DAMAGE OF CONCRETE DUE TO ALKAL-AGREGATE REACTION OR ALKALI-AGGREGATE REACTIONS WHEN EXPOSED TO SOILS AND/OR AN EXTERIOR ENVIRONMENT.
  - ALL CONCRETE MIX DESIGNS EXPOSED TO AN EXTERIOR ENVIRONMENT SHALL MEET THE REQUIREMENTS OF THE KANSAS CITY METRO MATERIALS BOARD (KCMIB) OR THE JOHNSON COUNTY CONCRETE BOARD (JCCB).

- STRUCTURAL STEEL:**
- STRUCTURAL STEEL SHAPES AND PLATE MATERIAL REQUIREMENTS (TYPICAL UNLESS NOTED OTHERWISE):  
a. WIDE FLANGE SHAPES: -ASTM A992 (FY = 50 KSI MIN)  
b. CHANNELS, ANGLES, AND PLATES: -ASTM A36 (FY = 36 KSI MIN)  
c. ROUND HSS: -ASTM A500, GR B (FY = 42 KSI)  
d. RECTANGULAR LARS: -ASTM A500, GR B (FY = 46 KSI)  
e. PIPE: -ASTM A53, GR B (FY = 35 KSI)  
f. ANCHOR RODS: -ASTM F1554 (FY = 36 KSI MIN.)  
g. ADHESIVE ANCHORS: -SIMPSON SET-3G, HILTI HIT-HY 200, OR EQUIVALENT
  - STRUCTURAL STEEL SHALL BE NEW AND MEET THE 15TH EDITION A.I.S.C. "SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS AND BRIDGES" AND THE "CODE OF STANDARD PRACTICES FOR STEEL BUILDINGS AND BRIDGES", EXCLUDING SECTION 4.4.1.B. STRUCTURAL STEEL THROUGHOUT THE PROJECT HAS BEEN DESIGNED USING ASD DESIGN METHODOLOGY.
  - THE STRUCTURAL STEEL FABRICATOR SHALL BE AN AISI QUALITY CERTIFIED COMPANY FOR THE CATEGORY OF WORK IN THIS PROJECT OR PROVIDE A QUALITY ASSURANCE PLAN AND SPECIAL INSPECTIONS AS DEFINED IN THE CODE.
  - USE STANDARD AISI/C FRAMING CONNECTIONS WITH A325-N BOLTS, F436 WASHERS, AND A563 HEAVY-HEX NUTS AS REQUIRED, UNLESS NOTED OTHERWISE.
  - BOLTS IN MOMENT AND BRACED FRAME CONNECTIONS SHALL BE PRE-TENSIONED. ALL A490 BOLTS SHALL BE PRE-TENSIONED. OTHER BOLTED CONNECTIONS USING A325 BOLTS MAY BE SNUG-TIGHTENED, UNLESS NOTED OTHERWISE.
  - STEEL BEAMS SHALL BE FABRICATED WITH MILL CAMBER UP.
  - WELDING SHALL CONFORM TO THE CURRENT AND APPLICABLE AWS STANDARDS AND BE COMPLETED BY AN AWS CERTIFIED WELDER. ALL WELDS SHALL UTILIZE E70XX ELECTRODES. SHOP DRAWINGS SHALL SHOW FIELD WELDS, AS APPROPRIATE.  
a. AWS D1.1 - STRUCTURAL WELDING CODE - STEEL  
b. AWS D1.3 - STRUCTURAL WELDING CODE - SHEET STEEL  
c. AWS D1.6 - STRUCTURAL WELDING CODE - STAINLESS STEEL
  - WELD SIZES SHALL BE INCREASED TO MEET THE REQUIRED EFFECTIVE THROAT WIDTH IF GAPS EXIST AT THE FAYING SURFACE.
  - NO COLUMN OR BEAM SPLICES, UNLESS CLEARLY INDICATED ON THE STRUCTURAL DRAWINGS, WILL BE ALLOWED WITHOUT WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
  - SEE ARCHITECTURAL PLANS FOR FIREPROOFING & FINISHING REQUIREMENTS, AND COORDINATE STEEL PRIMING & COATINGS ACCORDINGLY.
  - GROUT WHERE INDICATED ON PLANS AT BASE PLATES SHALL BE NON-METALLIC NON-SHRINK WITH A MINIMUM COMPRESSIVE STRENGTH OF 8000 PSI AT 28 DAYS CONFORMING TO ASTM C1107.
  - ALL POST-INSTALLED ANCHORS WHERE NOTED SHALL BE MANUFACTURED BY SIMPSON STRONG-TIE OR HILTI, INC. AND INSTALLED PER MANUFACTURERS SPECIFICATIONS. SUBSTITUTIONS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL WITH APPROPRIATE ICC-ES EVALUATION REPORTS.
  - ALL STEEL AND ASSOCIATED FASTENERS NOT PROTECTED FROM WEATHER OR WHOLLY WITHIN A CONDITIONED SPACE (INCLUDING ALL MASONRY LINTELS) SHALL BE HOT DIPPED GALVANIZED PER ASTM A123.
  - CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL FIELD VERIFICATION PRIOR TO PRODUCTION OF SHOP DRAWINGS AND SECTION DETAILS OF STRUCTURAL ELEMENTS. ARCHITECT / ENGINEER WILL RETURN "REJECTED" ANY SUBMITTAL REQUESTING FIELD VERIFICATION OF EXISTING CONDITIONS OR DIMENSIONS.
- METAL DECK:**
- SUBMIT SHOP DRAWINGS FOR ALL METAL DECKING:  
A. ROOF DECK: 3.50A 20 GA (FY = 50 KSI MIN), PAINTED ACQUSTICAL DECK. FASTENING PATTERN: 364 WITH 3 SIDELAPS PER SPAN (UNO)
  - STEEL DECK MANUFACTURER SHALL BE A MEMBER OF THE STEEL DECK INSTITUTE (S.D.I.). ALL METAL DECK TO BE ERECTED PER MANUFACTURER REQUIREMENTS AND SPECIFICATIONS.
  - DECK SHALL BE WELDED AT SUPPORTS WITH 5/8" DIA PUDCLE WELDS MIN. AND SIDELAP CONNECTIONS SHALL BE #10 TEK SCREWS MIN (UNO).
  - PROVIDE REINFORCING CHANNELS, STANDARD CLOSURES, CANT STRIPS, SUMP PANS, AND OTHER ACCESSORIES AS REQUIRED FOR A PROPERLY FINISHED JOB, EVEN IF NOT SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS. PROVIDE BEARING ANGLES WELDED TO COLUMNS AS REQUIRED TO SUPPORT METAL DECK.
  - ONE OPENING PER DECK SHEET, 6" OR LESS IN DIAMETER, IS PERMISSIBLE. HOLES LARGER THAN 6" IN DIAMETER OR MORE THAN ONE HOLE PER DECK SHEET REQUIRES REINFORCING PER SDI. HOLES LARGER THAN 12" (ROUND OR SQUARE) REQUIRE A STEEL FRAME.
  - OPENINGS IN ROOF DECK TO BE FRAMED WITH L6x4x5/16 (LLV) ANGLE. EXTEND ANGLES TO STRUCTURAL SUPPORTS. BLOCK VERTICAL LEGS AND FIELD WELD. SEE TYPICAL DETAIL FOR ADDITIONAL INFORMATION.
- COLD FORMED STEEL FRAMING NOTES:**
- SUBMIT SHOP DRAWINGS AND CALCULATIONS PER THE SUBMITTAL SECTION REQUIREMENTS. SHOP DRAWINGS SHALL INCLUDE PLAN AND SECTION DETAILS TO SHOW LAYOUT, SPACINGS, SIZES, THICKNESSES, AND TYPES OF COLD-FORMED STEEL FRAMING. IN ADDITION, SHOP DRAWINGS SHALL INCLUDE ALL FASTENING, ANCHOR DETAILS, SUPPLEMENTAL FRAMING, STRAPPING, BRACING, BRIDGING, CONNECTION DETAILS AND ATTACHMENTS TO ADJOINING WORK.
  - CFS DESIGN CRITERIA:  
-- TOP OF WALL VERTICAL DEFLECTION TO UNDERSIDE OF PRIMARY STRUCTURE -- MIN (1/2 L/360)  
EXTERIOR WALLS: WIND PRESSURE PER BUILDING DESIGN CRITERIA-H400 FOR WALLS BRACING MASONRY; H360 FOR WALLS SUPPORTING TILE OR METAL PANEL; H240 FOR ALL OTHER WALLS.  
INTERIOR WALLS: 5 PSF HORIZONTAL PRESSURE-H400 FOR WALLS BRACING MASONRY; H360 FOR WALLS SUPPORTING TILE OR METAL PANEL; H240 FOR ALL OTHER WALLS.
  - CFS SUPPLIER SHALL INCLUDE AN ALLOWANCE (2% OF CFS BID PACKAGE) FOR MIS-CUTS, CONNECTORS, AND ANGLES TO ADDRESS ANY ADDITIONAL CFS ITEMS NEEDED DURING THE SHOP DRAWING REVIEW AND CONSTRUCTION PROCESS.
  - ALL DESIGN, FABRICATION, AND ERECTION SHALL BE IN CONFORMANCE WITH AISI "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS".
  - ALL EXTERIOR OR LOAD BEARING INTERIOR STUDS SHALL BE 600S162-43 (6" DEEP 18 GA) AT 16 INCHES ON CENTER MIN, UNLESS NOTED. REFER TO PLANS.
  - MINIMUM GAUGE OF STRUCTURAL STUDS SHALL BE 43 mils (16 GAUGE), UNLESS NOTED OTHERWISE.
  - TRACKS SHALL BE SECURELY ANCHORED TO THE SUPPORTING STRUCTURE TO PROPERLY TRANSFER IMPOSED LOADS. MINIMUM GAUGE OF TRACKS SHALL BE 43 mils (16 GAUGE). DEFLECTION TRACKS AT EXTERIOR WALL SHALL BE 16 GA MINIMUM.
  - PROVIDE WALL STUD BRIDGING FOR EACH STUD AS RECOMMENDED BY THE MANUFACTURER. MAXIMUM SPACING SHALL BE 4'-0" CENTERS.
  - ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY FOR ATTACHMENTS TO PERPENDICULAR MEMBER. MEMBERS SHALL BE HELD POSITIVELY IN PLACE UNTIL PROPERLY FASTENED.
  - NOTCHES OR SPLICES IN ANY STRUCTURAL STUDS WILL NOT BE PERMITTED.
  - DO NOT NOTCH, DRILL, OR CUT ANY HOLES IN LOAD BEARING STUDS FOR ELECTRICAL OR MECHANICAL EQUIPMENT. USE EXISTING FABRICATED HOLES.
  - ALL WELDING SHALL BE PERFORMED BY WELDERS EXPERIENCED IN LIGHT GAUGE STEEL FRAMING WORK. TOUCH UP ALL WELDS WITH GALVANIZE COATING.
  - SCREWS IN LIGHT GAUGE FRAMING SHALL BE INSTALLED WITH MINIMUM EDGE DISTANCES OF 1/2" AND MINIMUM SPACING BETWEEN SCREWS OF 3/4".
  - WELDS BACK TO BACK STUD COLUMNS ARE USED, ATTACH WITH #10 SCREWS @ 12" OC MAX, UNO.
  - LATERAL BRACING SHALL BE IN PLACE IN EACH DIRECTION BEFORE ANY LOAD IS APPLIED TO THE WALLS & LEFT IN PLACE UNTIL THE WORK IS PERMANENTLY STABILIZED.

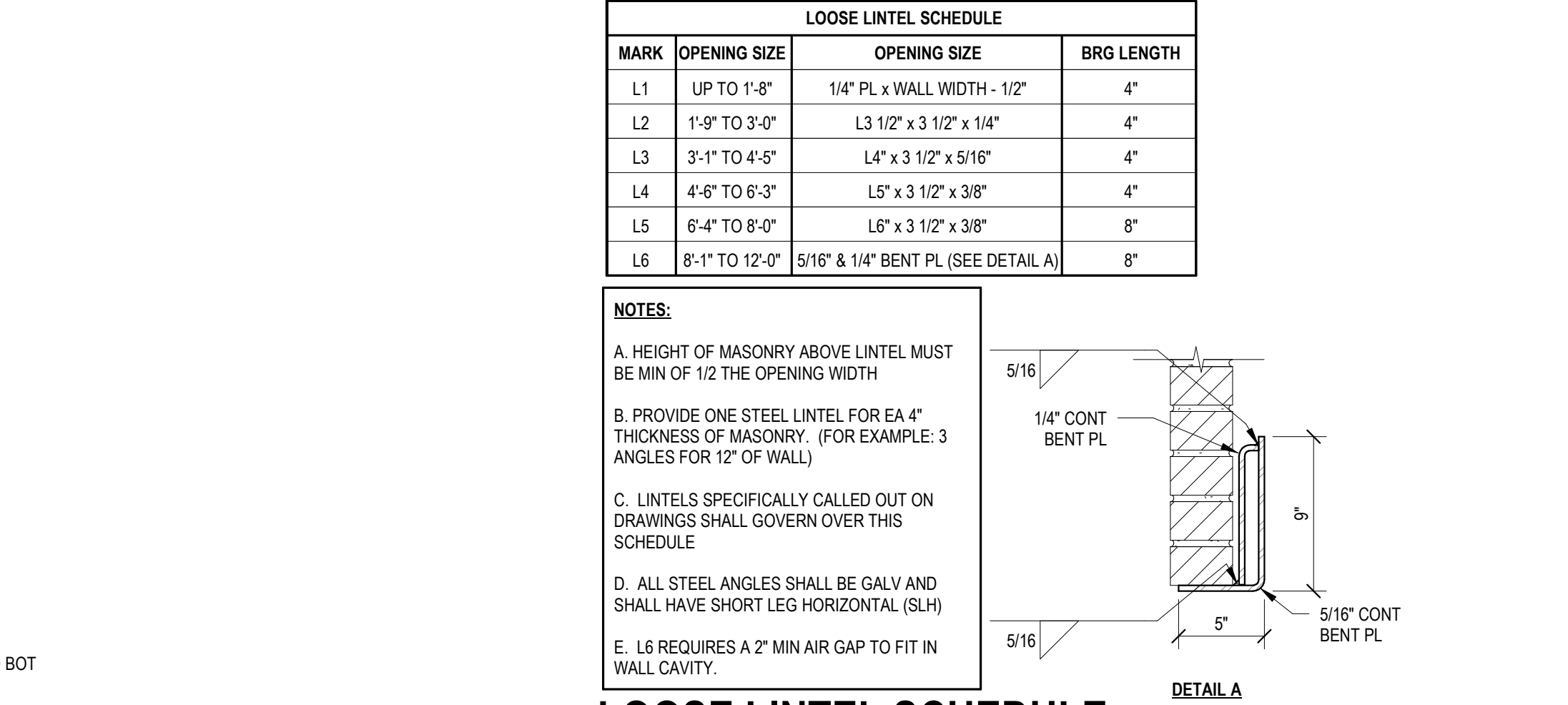
- NON-LOAD-BEARING COLD FORMED STEEL FRAMING NOTES:**
- METAL STUD MANUFACTURERS GENERALLY RECOMMEND HORIZONTAL BRIDGING OR STRAPPING TO BE PROPERLY INSTALLED AT 5 FT TO 6 FT OC, MECHANICALLY ATTACHED TO EACH STUD TO PREVENT DAMAGE DURING CONSTRUCTION, EVEN IF ONE SIDE OR BOTH SIDES ARE TO BE SHEATHED WITH RIGID FACING MATERIALS.
  - WHEN RIGID FACING MATERIALS ARE NOT ATTACHED TO EITHER SIDE, SUCH AS ABOVE CEILINGS, HORIZONTAL BRIDGING OR STRAPPING AT EACH FACE SHALL BE INSTALLED.
  - WHERE THE TOP OF THE STUD WALLS TERMINATE AGAINST PRIMARY STRUCTURAL FRAMING, A "DEFLECTION TRACK" SHOULD BE USED TO ALLOW FOR VERTICAL MOVEMENT. ONE ROW OF THE RECOMMENDED HORIZONTAL BRIDGING SHALL BE PROPERLY INSTALLED BY MECHANICAL ATTACHMENTS TO EACH STUD AS CLOSE TO THE TOP AS POSSIBLE. ANY TEMPORARY SCREWS FROM THE TOP DEFLECTION TRACK TO THE METAL STUDS SHALL BE REMOVED AS SOON AS POSSIBLE TO ALLOW VERTICAL DEFLECTION OF THE PRIMARY FRAMING AND TO PREVENT DAMAGE TO THE STUD WALL. METAL STUDS SHOULD NEVER BE ATTACHED DIRECTLY TO HORIZONTAL STRUCTURAL FRAMING SYSTEMS WITHOUT A DEFLECTION TRACK OR



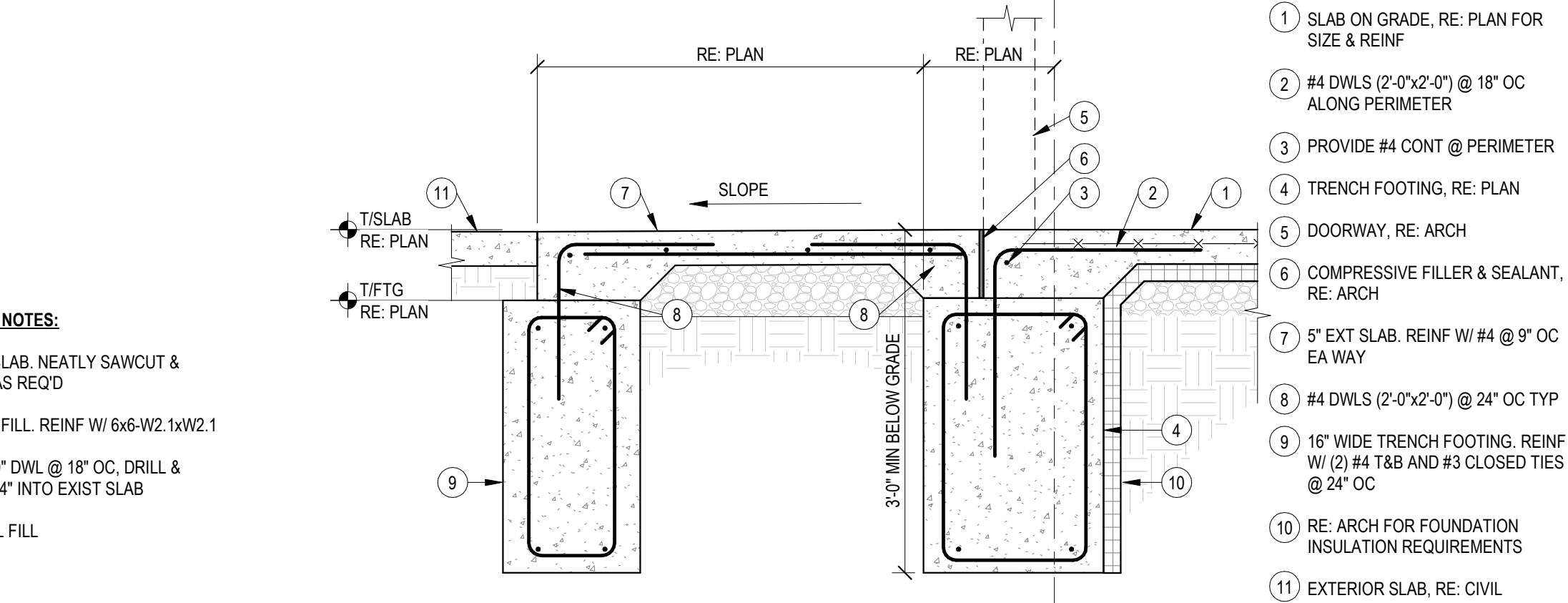
4 LINTEL SCHEDULE - MASONRY  
3/4" = 1'-0"



3 COLUMN - BASE PLATE  
1 1/2" = 1'-0"



2 LOOSE LINTEL SCHEDULE  
1 1/2" = 1'-0"



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

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**CONSTRUCTION DOCUMENTS**

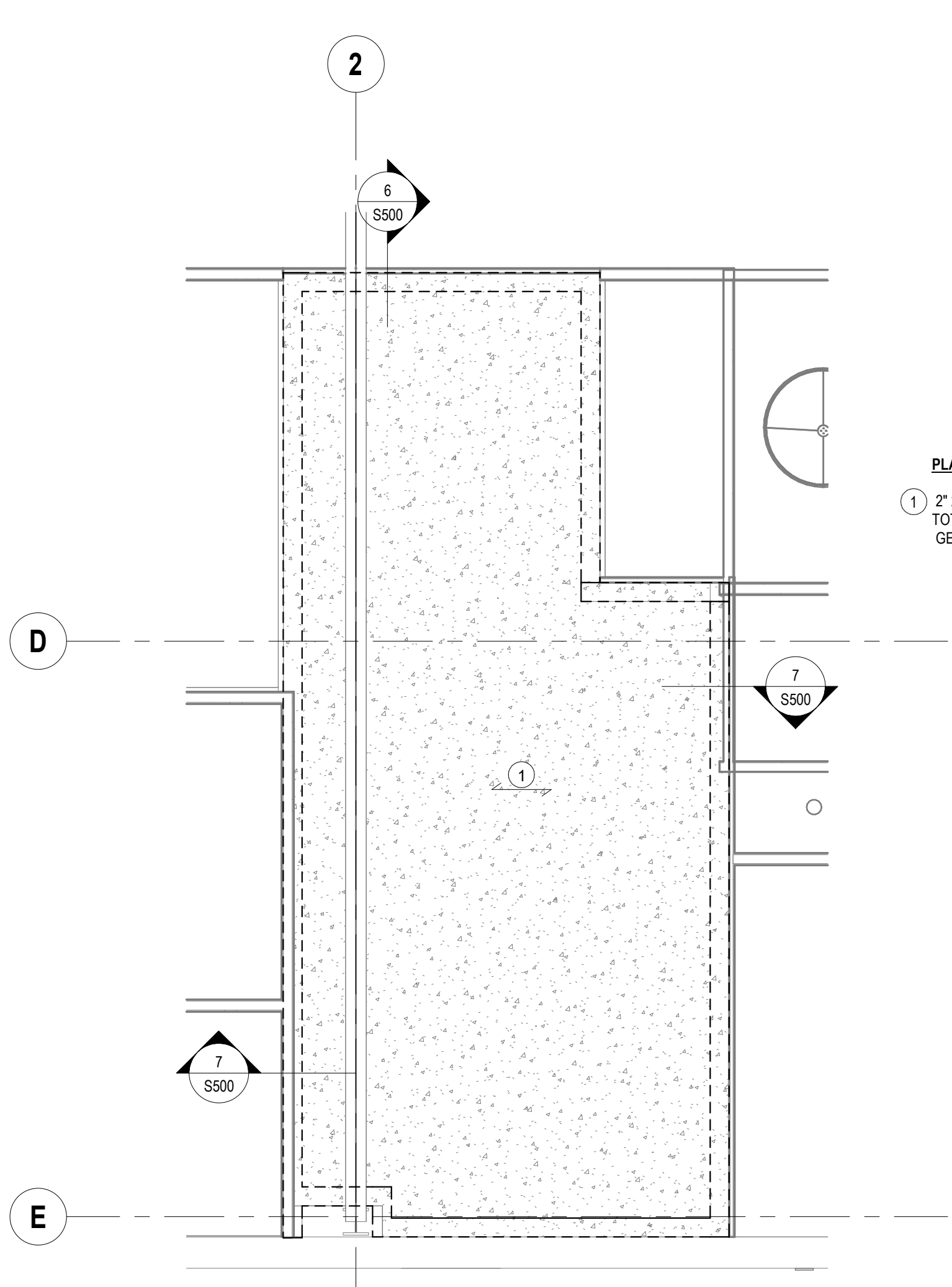
**Sedalia Central Office Relocation**  
Sedalia School District 200  
1712 S Lafayette Ave  
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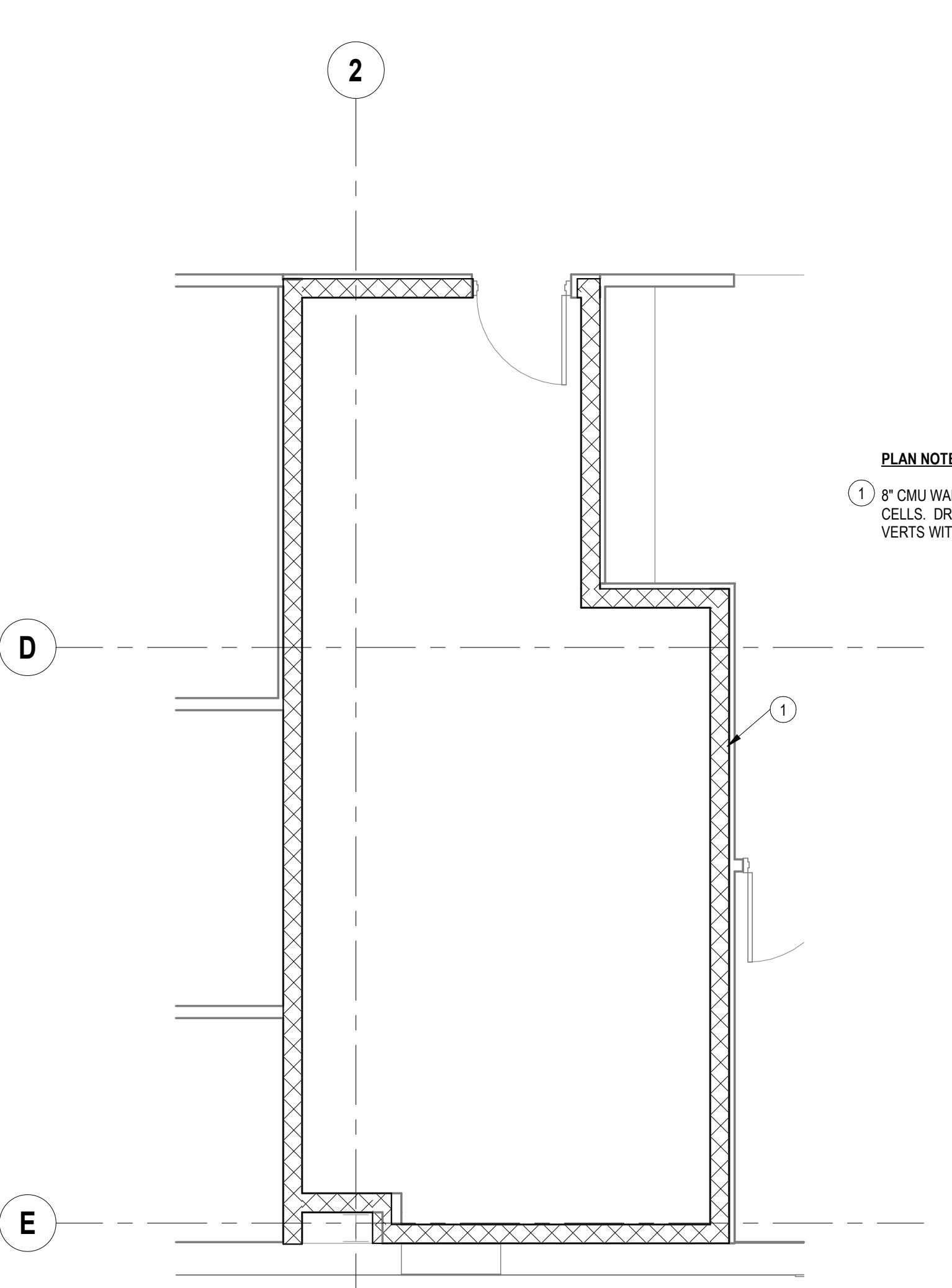
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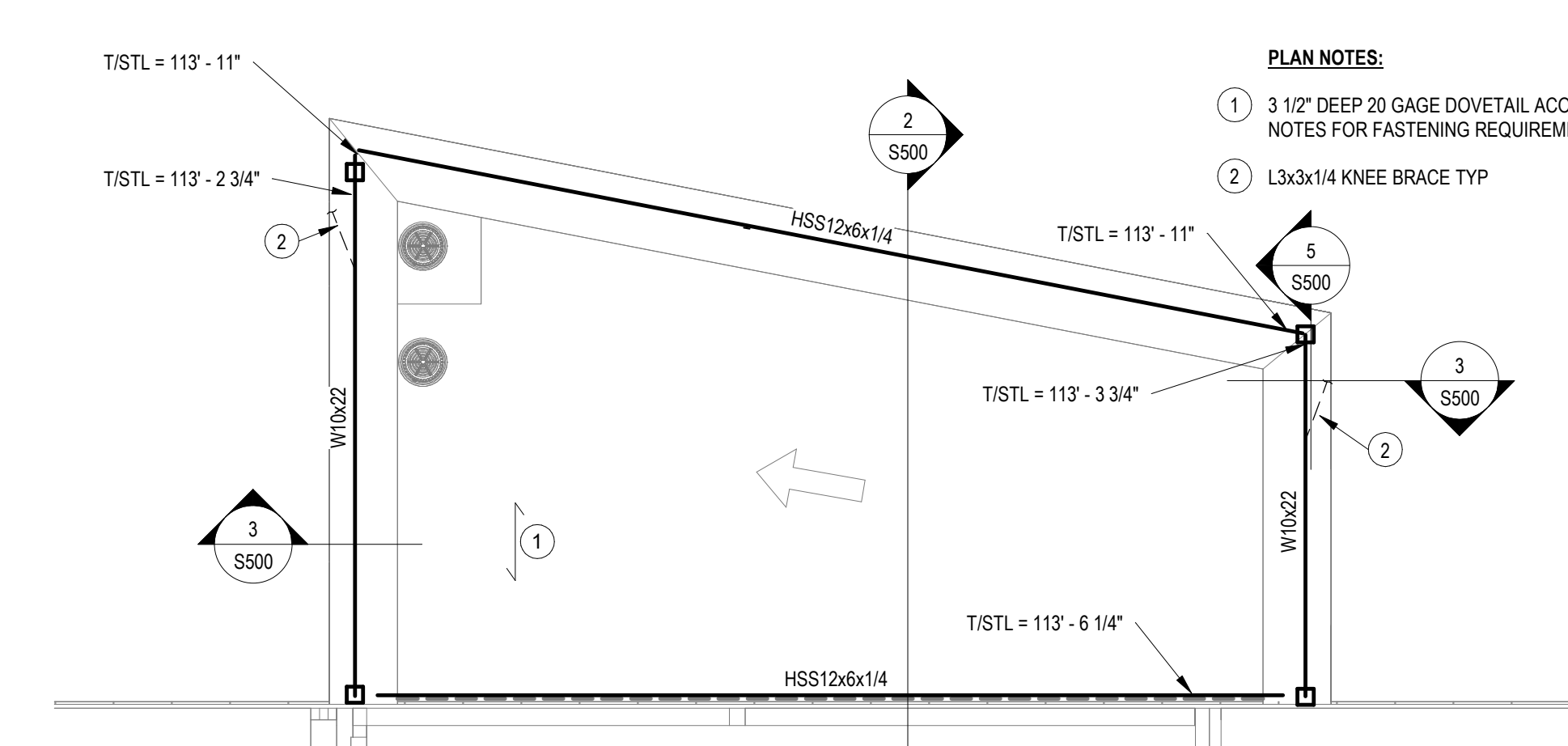


**5 VAULT FRAMING PLAN**  
1/4" = 1'-0"



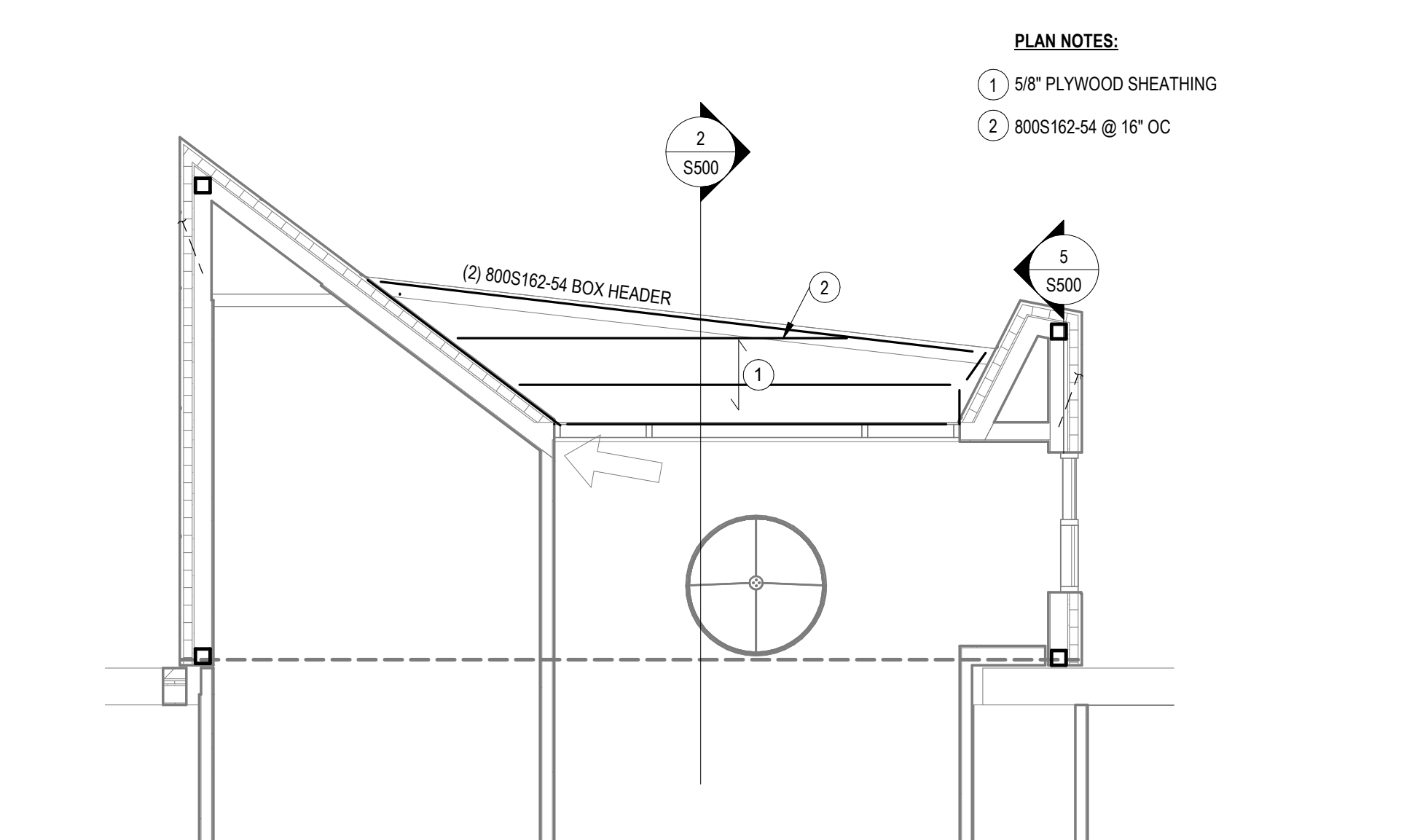
**4 VAULT FOUNDATION PLAN**  
1/4" = 1'-0"

**PLAN NOTES:**  
① 2" 20 GAGE COMPOSITE METAL DECK WITH 4" NORMAL WEIGHT CONCRETE (8" TOTAL) (MIDSPAN SHORING REQUIRED). REINFORCE WITH #5 AT 12" OC EW RE: GENERAL NOTES FOR FASTENING REQUIREMENTS. TOC = 105'-10"



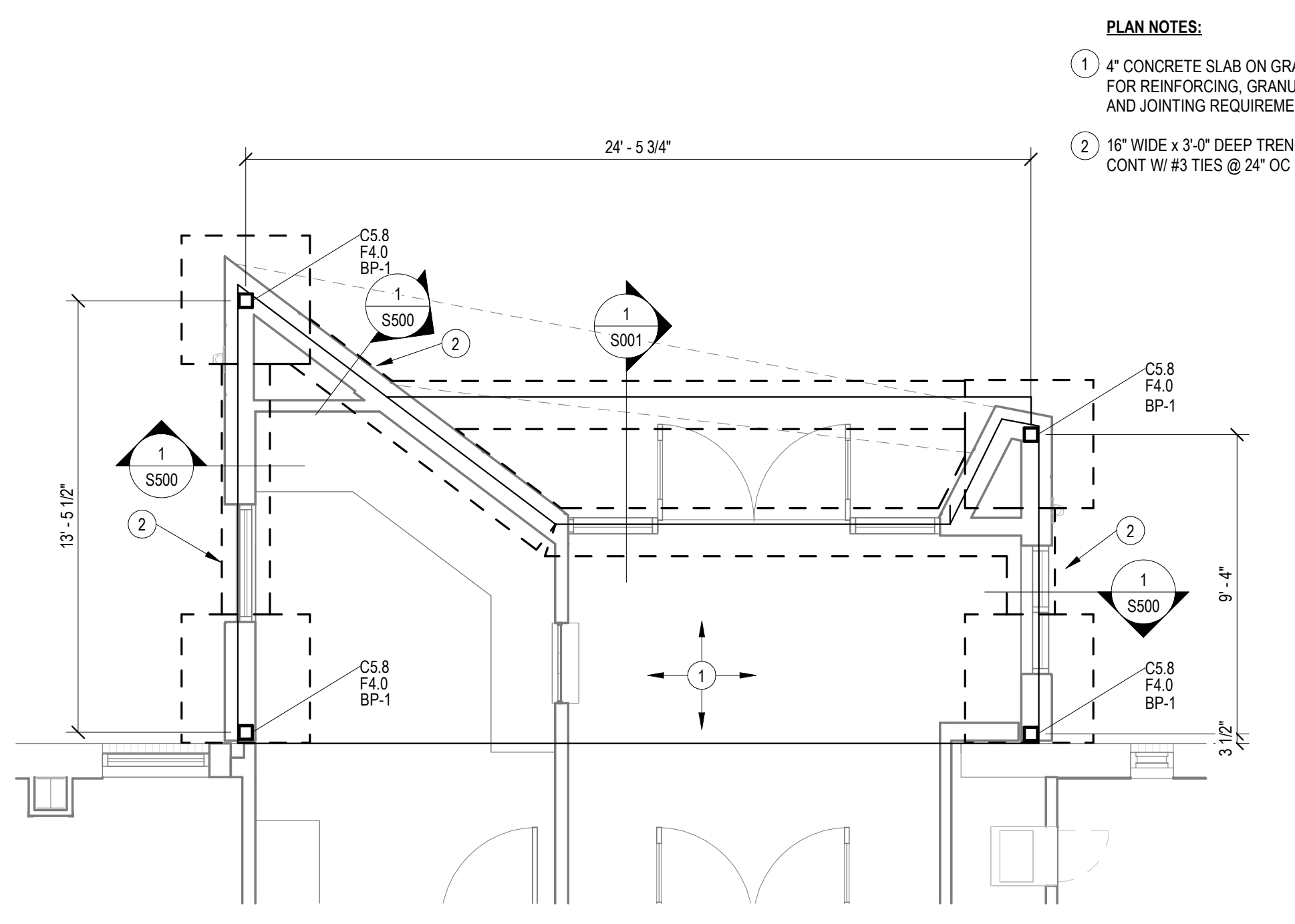
**2 ROOF FRAMING PLAN**  
1/4" = 1'-0"

**PLAN NOTES:**  
① 3 1/2" DEEP 20 GAGE DOVETAIL ACoustICAL DECK RE: GENERAL NOTES FOR FASTENING REQUIREMENTS  
② L3x3x1/4 KNEE BRACE TYP  
T/STL = 113' - 11"  
T/STL = 113' - 2 3/4"  
T/STL = 113' - 3 3/4"  
T/STL = 113' - 6 1/4"



**3 CANOPY FRAMING PLAN**  
1/4" = 1'-0"

**PLAN NOTES:**  
① 5/8" PLYWOOD SHEATHING  
② 800S162-54 @ 16" OC



**1 FOUNDATION PLAN**  
1/4" = 1'-0"

**PLAN NOTES:**  
① 4" CONCRETE SLAB ON GRADE. RE: GENERAL NOTES FOR REINFORCING. GRANULAR FILL, VAPOR BARRIER AND JOINTING REQUIREMENTS  
② 16" WIDE x 3'-0" DEEP TRENCH FOOTING. REINF W/ (2) #5 CONT W/ #3 TIES @ 24" OC

**SHEET NOTES:**  
A. REFERENCE SHEET S00x FOR STRUCTURAL GENERAL NOTES. REVIEW NOTES & DETAILS FOR APPLICABILITY.  
B. SEE ARCHITECTURAL DRAWING FOR DETAILS & DIMENSIONS NOT SHOWN.  
C. REFER TO S001 FOR TYPICAL DETAILS.  
D. TOP OF SLAB ELEVATION = 100'-0" UNO.  
E. TOP OF TRENCH FOOTING ELEVATION = 99'-4" UNO. THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE 3'-0" MIN BELOW GRADE. DEEPEN FOOTINGS AS REQUIRED. GRADE IS GENERALLY 6" BELOW FINISH FLOOR ELEVATION (COORDINATE WITH CIVIL).  
F. SPREAD FOOTINGS DENOTED ON PLAN BY "F.x.x". REFER TO SCHEDULE ON THIS SHEET FOR SIZE AND REINFORCING.  
G. PROVIDE BLOCKOUTS IN SLAB FOR COLUMNS PER TYPICAL DETAIL.  
H. STEEL COLUMNS ARE DENOTED ON PLAN AS "C.x.x". REFER TO SCHEDULE ON THIS SHEET FOR COLUMN SIZE, BASEPLATE TYPE, AND BASEPLATE DIMENSIONS.

SCHEDULE - SPREAD FOOTING				
TYPE MARK	LENGTH	WIDTH	THICKNESS	REINF
F4.0	4'-0"	4'-0"	3'-0"	(5) #5 TOP & BOT EW

SCHEDULE - COLUMN	
TYPE MARK	TYPE
C5.8	HSS5x5x1/2

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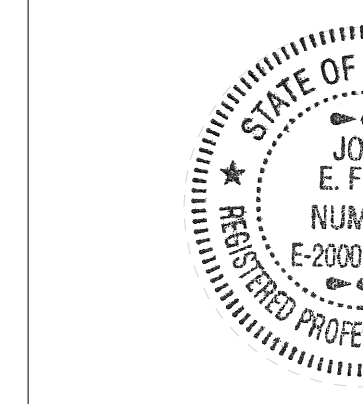
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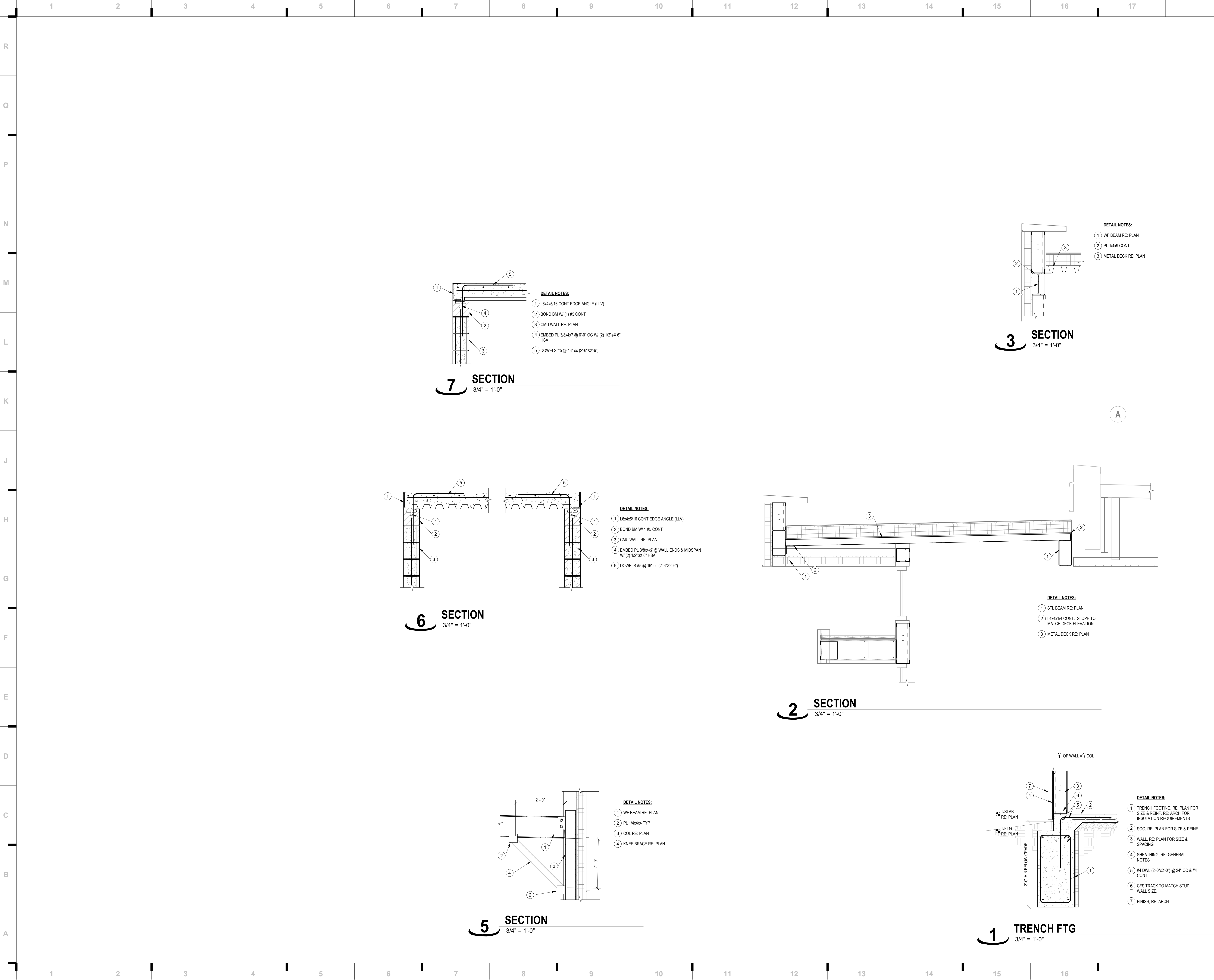


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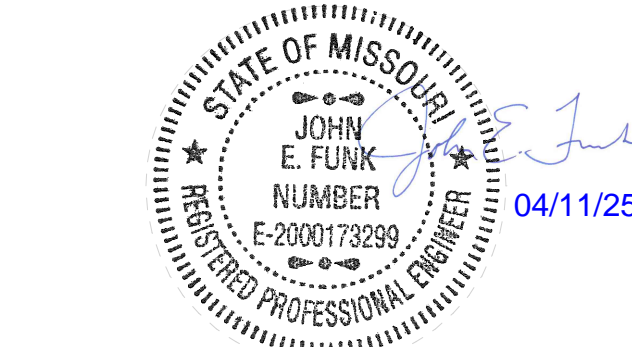
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# SEDALIA CENTRAL OFFICE RELOCATION

1712 S LAFAYETTE AVE.  
SEDALIA, MO 65301

## DIVISION 28 SPECIFICATIONS:

- 28 05 00 - COMMON WORK FOR ELECTRONIC SAFETY AND SECURITY**
- FIELD COORDINATE LOCATIONS OF SECURITY SYSTEM WITH OWNER.
- 28 31 00 - FIRE DETECTION AND ALARM.**
- AN ADDRESSABLE FIRE ALARM SYSTEM SHALL BE INSTALLED FOR THE PROJECT.
  - PROVIDE FIRE ALARM SYSTEM INITIATION DEVICES AND NOTIFICATION APPLIANCES, MONITORING, AND CONTROL DEVICES AS INDICATED ON THE DRAWINGS.
  - ALL FIRE ALARM WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 72 AND THE NATIONAL ELECTRICAL CODE.
  - FIRE ALARM SYSTEM WIRING SHALL BE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. SYSTEM CONNECTIONS FOR INITIATING DEVICES SHALL BE CLASS B, STYLE A; NOTIFICATION APPLIANCES CIRCUITS SHALL BE CLASS B, STYLE Y.
  - FIRE ALARM SYSTEM EQUIPMENT SUBMITTALS SHALL INCLUDE PRODUCT DATA SHEETS, EQUIPMENT WIRING DIAGRAMS, SEQUENCE OF OPERATIONS, VOLTAGE DROP, AND BATTERY CALCULATIONS.
  - FIRE ALARM SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH NFPA STANDARDS AND MANUFACTURER'S RECOMMENDATIONS BY PERSONS WHO ARE QUALIFIED AND EXPERIENCED IN THE INSTALLATION, INSPECTION AND TESTING OF FIRE ALARM SYSTEMS. INSTALLER SHALL HAVE A MINIMUM OF 5 YEARS OF EXPERIENCE, PERFORM OPERATIONAL SYSTEM TESTS UPON COMPLETION OF INSTALLATION, CORRECT DEFICIENCIES AND RETEST PRIOR TO OWNER OCCUPATION OF BUILDING. PROVIDE A COMPLETED NFPA 72 RECORD OF COMPLETION FORM TO THE OWNER AND AUTHORITY HAVING JURISDICTION.
  - CONTACT DOUG SPARTLEY WITH NIGHTWATCH AT 660-620-0584, doug@nightwatch.net

## DIVISION 27 SPECIFICATIONS:

- 27 05 00 - COMMON WORK RESULTS FOR COMMUNICATIONS**
- THE DIVISION 26 ELECTRICAL CONTRACTOR SHALL INSTALL CONDUIT ROUGH-IN FOR BACKBONE CAT 6 CABLEING PROVIDED BY OWNER.
  - THE DIVISION 26 CONTRACTOR WILL ALSO BE RESPONSIBLE ALL NEW UNDERGROUND TELECOMMUNICATIONS CONDUITS REQUIRED FOR COMMUNICATION SERVICES TO NEW BUILDING REFERENCE THROUGHOUT THE PROJECT.
  - REFER TO SCHEDULES AND SPECIFICATIONS FOR CONDUIT SIZES.
  - PRIOR TO ANY INSTALLATION, CONTRACTOR SHALL COORDINATE WITH OWNER'S REPRESENTATIVE/IT, COORDINATOR TO CONSIDER/VERIFY EQUIPMENT RACK INSTALLATION LOCATION(S).
  - PROVIDE A PRE-CONSTRUCTION TRADE MEETING WITH A REPRESENTATIVE FROM THE NETWORKING DEPARTMENT PRIOR TO PERFORMING ANY WORK.
- 27 51 23 - INTERCOM SYSTEMS**
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE INTERCOM SYSTEM DESIGN BY TECH ELECTRONICS. CONTACT BARRY CORNEAL 314-791-3618, barry.corneal@techelectronics.com

## DIVISION 26 SPECIFICATIONS:

- 26 05 00 - COMMON WORK FOR ELECTRICAL**
- ALL ELECTRICAL WORK SHALL BE PERFORMED BY LICENSED ELECTRICAL CONTRACTOR AND SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE 2014 NATIONAL ELECTRICAL CODE AND ALL APPLICABLE LOCAL CODES AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
  - ALL PERMIT AND INSPECTION FEES SHALL BE INCLUDED IN BID.
  - THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
  - THE PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR DIMENSIONS.
  - CONDUIT/CONDUCTOR LAYOUTS ARE DIAGRAMMATIC. FIELD COORDINATE EXACT LOCATIONS AND ROUTINGS WITH STRUCTURE, PIPING, LIGHT FIXTURES, CONDUITS, ETC.
  - COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.
  - MAINTAIN ALL CLEARANCES REQUIRED BY ELECTRICAL EQUIPMENT. COORDINATE WITH MECHANICAL AND PLUMBING CONTRACTOR TO MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. DO NOT ROUTE PIPING, DUCTWORK, ETC. ABOVE ELECTRICAL PANELS.
  - THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY THEM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.
  - COORDINATE LIGHT FIXTURE LOCATIONS WITH OWNER, STRUCTURE, AND OTHER TRADES PRIOR TO ROUGH-IN.
  - REFER TO SPECIFICATION SHEET SECTIONS FOR ADDITIONAL REQUIREMENTS.

## DIVISION 23 SPECIFICATIONS:

- 23 05 00 - COMMON WORK FOR HEATING, VENTILATION, AND AIR CONDITIONING**
- ALL MECHANICAL WORK SHALL BE PERFORMED BY LICENSED MECHANICAL CONTRACTOR AND SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE 2015 INTERNATIONAL PLUMBING CODE AND ALL APPLICABLE LOCAL CODES AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
  - ALL PERMIT AND INSPECTION FEES SHALL BE INCLUDED IN BID.
  - THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
  - THE PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR DIMENSIONS.
  - DUCTWORK LAYOUTS ARE DIAGRAMMATIC. FIELD COORDINATE EXACT LOCATIONS AND ROUTINGS WITH STRUCTURE, PIPING, LIGHT FIXTURES, CONDUITS, ETC.
  - COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.
  - MAINTAIN ALL CLEARANCES REQUIRED BY MECHANICAL EQUIPMENT. COORDINATE WITH ELECTRICAL AND PLUMBING CONTRACTOR TO MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. DO NOT ROUTE PIPING, DUCTWORK, ETC. ABOVE ELECTRICAL PANELS.
  - THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIAL FURNISHED BY THEM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.
  - REFER TO SPECIFICATION SECTIONS FOR ADDITIONAL REQUIREMENTS.

## DIVISION 22 SPECIFICATIONS:

- 22 05 00 - COMMON WORK FOR PLUMBING**
- ALL MECHANICAL WORK SHALL BE PERFORMED BY LICENSED PLUMBING CONTRACTORS AND SHALL BE IN ACCORDANCE WITH REQUIREMENTS OF THE 2015 INTERNATIONAL PLUMBING CODE AND ALL APPLICABLE LOCAL CODES AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION.
  - ALL PERMIT AND INSPECTION FEES SHALL BE INCLUDED IN BID.
  - THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BID. NO EXTRAS WILL BE PAID DUE TO UNANTICIPATED EXISTING CONDITIONS.
  - THE PLANS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR DIMENSIONS.
  - PIPING LAYOUTS ARE DIAGRAMMATIC. FIELD COORDINATE EXACT LOCATIONS AND ROUTINGS WITH STRUCTURE, DUCTWORK, LIGHT FIXTURES, CONDUITS, ETC.
  - COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.
  - MAINTAIN ALL CLEARANCES REQUIRED BY PLUMBING EQUIPMENT. COORDINATE WITH ELECTRICAL AND HVAC CONTRACTOR TO MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. DO NOT ROUTE PIPING, DUCTWORK, ETC. ABOVE ELECTRICAL PANELS.
  - THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIALS FURNISHED BY THEM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.
  - REFER TO SPECIFICATION SECTIONS FOR ADDITIONAL REQUIREMENTS.

## DIVISION 21 SPECIFICATIONS:

- 21 05 00 - COMMON WORK FOR FIRE SPRINKLER SYSTEMS.**
- PROVIDE A COMPLETE NFPA 13 FIRE SPRINKLER SYSTEM.
  - THE FIRE SPRINKLER CONTRACTOR SHALL PROVIDE THE DESIGN, MATERIALS, EQUIPMENT, FABRICATION, INSTALLATION, ETC. FOR A WET PIPE FIRE SPRINKLER SYSTEM COMPLETE WITH FIRE DEPARTMENT CONNECTIONS. ALL PORTIONS OF THE FIRE SYSTEM SHALL BE THE RESPONSIBILITY OF THE FIRE SPRINKLER CONTRACTOR/ENGINEER. ANY PIPING SHOWN ON THE DRAWINGS IS FOR REFERENCE ONLY.
  - ALL PERMIT AND INSPECTION FEES SHALL BE INCLUDED IN BID.
  - THE FIRE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING HIS OWN FLOW READINGS FOR PURPOSES OF DESIGN.
  - FIRE SPRINKLER WORK SHALL BE PERFORMED BY A QUALIFIED CONTRACTOR WITH AT LEAST 2 YEARS OF INSTALLATION EXPERIENCE ON PROJECTS WITH FIRE PROTECTION WORK SIMILAR TO THAT REQUIRED FOR THE PROJECT.
  - THE FIRE SPRINKLER SYSTEM SHALL BE ENGINEERED BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE FOR WHICH THE PROJECT IS BEING CONSTRUCTED IN. THE DESIGN DRAWINGS AND CALCULATIONS SHALL BE STAMPED WITH THEIR MISSOURI SEAL AND SIGNATURE.
  - ALL FIRE SPRINKLER SYSTEM MATERIALS SHALL BE UL LISTED.
  - THE FIRE SPRINKLER SYSTEM CONTRACTOR SHALL ENGINEER AND INSTALL THE FIRE SPRINKLER SYSTEM AS REQUIRED TO PROVIDE PROPER COVERAGE OF THE OCCUPANCY OF THE BUILDING.
  - PROVIDE FIRE DEPARTMENT CONNECTIONS IN ACCORDANCE WITH LOCAL FIRE DEPARTMENT REQUIREMENTS.
  - COOPERATE CLOSELY WITH ALL OTHER TRADES TO EXPEDITE CONSTRUCTION AND AVOID INTERFERENCES AND CONFLICTS. BEFORE ANY PIPING, DUCTWORK, CONDUIT, ETC. IS INSTALLED, IT SHALL BE COORDINATED CAREFULLY BETWEEN ALL TRADES.
  - MAINTAIN ALL CLEARANCES REQUIRED BY FIRE SPRINKLER EQUIPMENT. COORDINATE WITH PLUMBING, ELECTRICAL, AND HVAC CONTRACTOR TO MAINTAIN ALL CLEARANCES REQUIRED FOR EQUIPMENT. DO NOT ROUTE PIPING, DUCTWORK, ETC. ABOVE ELECTRICAL PANELS.
  - THE CONTRACTOR SHALL GUARANTEE ALL EQUIPMENT, ACCESSORIES, AND MATERIALS FURNISHED BY THEM FOR A PERIOD OF ONE YEAR FROM FINAL ACCEPTANCE AGAINST ALL DEFECTS.
  - REFER TO SPECIFICATION SECTIONS FOR ADDITIONAL REQUIREMENTS.

## DIV 28 SECURITY LEGEND

- CR CARD READER
- CH CAMERA
- DR DOOR RELEASE
- IE INTERCOM ENTRY
- KP KEYPAD
- MD MOTION DETECTOR
- PT POWER TRANSFORMER
- PR PUSH BUTTON
- XB REQUEST FOR EXIT BUTTON
- XH REQUEST FOR EXIT MOTION
- TG TOGGLE SWITCH

## DIV 28 FIRE ALARM LEGEND

- PS PULL STATION
- V WALL VISUAL
- VF CEILING VISUAL
- AV WALL AUDIO VISUAL
- VFV CEILING AUDIO VISUAL
- AVV WALL SPEAKER VISUAL
- SV CEILING SPEAKER VISUAL
- TS TAMPER SWITCH
- FS FLOW SWITCH
- FB FIRE ALARM BELL
- R FIRE ALARM RELAY
- PN FIRE ALARM PANEL
- AN FIRE ANNUNCIATOR PANEL
- SD SMOKE DETECTOR
- HD HEAT DETECTOR
- DD DUCT DETECTOR

## DIV 27 TELECOM LEGEND

- TELECOMMUNICATIONS OUTLET: MAY BE USED FOR VOICE, DATA, PAX, CABLE TV, OR ANY COMBINATION. COVER PLATE AND JACKS BY OTHERS.
- REFER TO COMMUNICATIONS DEVICE DETAILS.

## DIVISION 26 POWER LEGEND

- JUNCTION BOX
- DUPLEX, 20-AMP RECEPTACLE
- DUPLEX WITH GROUND FAULT CIRCUIT INTERRUPTER, 20-AMP RECEPTACLE
- DUPLEX WITH WEATHERPROOF ENCLOSURE, 20-AMP RECEPTACLE
- DUPLEX INSTALLED ABOVE COUNTER, 20-AMP RECEPTACLE
- SIMPLEX, 20-AMP RECEPTACLE
- SIMPLEX WITH NEMA CONFIGURATION AS INDICATED
- DOUBLE DUPLEX, 20-AMP RECEPTACLE
- LIGHTING AND POWER PANELBOARD
- DISTRIBUTION POWER PANELBOARD

## DIV 26 LIGHTING LEGEND

- SINGLE POLE, 20-AMP LIGHT SWITCH
- THREE-WAY, 20-AMP LIGHT SWITCH
- FOUR-WAY, 20-AMP LIGHT SWITCH
- DIMMER SWITCH
- TWO POLE, 20-AMP SWITCH
- EXIT LIGHT WITH EMERGENCY HEADS
- EMERGENCY LIGHT
- ROUND OR SQUARE CAN LIGHT
- 2x4 LAY-IN FIXTURE
- DM - FIXTURE WITH EMERGENCY POWER
- NL - UNSWITCHED 'NIGHT LIGHT' FIXTURE
- PENDANT LIGHT FIXTURE

## DIVISION 23 HVAC LEGEND

- MITER ELBOW
- FURNACE
- CONDENSING UNIT
- FLEX DUCT
- RECTANGULAR TO ROUND TAKE-OFF WITH DAMPER
- SUPPLY DIFFUSER
- RETURN GRILLE
- FLOOR REGISTER
- MANUAL BALANCING DAMPER
- CONTROL DAMPER WITH ACTUATOR
- EXHAUST FAN
- THERMOSTAT
- HVAC EQUIPMENT HATCHINGS. INDICATES NEW EQUIPMENT TO BE PROVIDED AND INSTALLED. REFER TO MECHANICAL SCHEDULE(S).
- SUPPLY ELBOW UP
- SUPPLY ELBOW DOWN
- RETURN ELBOW UP
- RETURN ELBOW DOWN

## DIV 22 PLUMBING LEGEND

- VENT PIPING
- SANITARY WASTE PIPING
- NATURAL GAS PIPING
- CONDENSATE DRAIN PIPING
- ROOF DRAIN PIPING
- FIRE SPRINKLER PIPING
- DOMESTIC COLD WATER PIPING
- DOMESTIC HOT WATER PIPING
- DOMESTIC HOT WATER RETURN PIPING
- MANUAL SHUT-OFF VALVE
- REDUCER
- PRESSURE REDUCING VALVE
- FINISH FLOOR OR FINISH GRADE CLEANOUT
- FLOOR DRAIN
- PLUMBING FIXTURE HATCHING. INDICATES NEW PLUMBING FIXTURE TO BE PROVIDED AND INSTALLED. REFER TO PLUMBING FIXTURE SCHEDULE

## MEP GENERAL ABBREVIATION LEGEND

- KEYNOTE TAG
- CONDUIT AND CONDUCTOR TAG
- SPECIAL SYSTEM PATHWAY TAG
- TELECOM CONDUIT
- AUDIO/VISUAL CONDUIT
- SECURITY CONDUIT
- UNDERGROUND ELECTRICAL
- OVERHEAD ELECTRICAL
- NATURAL GAS PIPING
- WATER MAIN PIPING
- SANITARY WASTE PIPING
- IRRIGATION PIPING

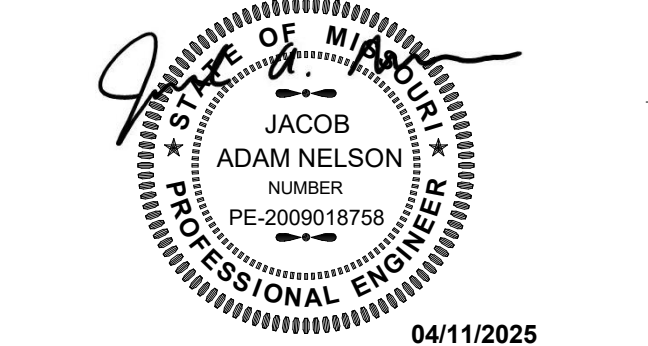
## Sedalia Central Office Relocation

Sedalia School District 200

1712 S Lafayette Ave  
Sedalia, MO 65301

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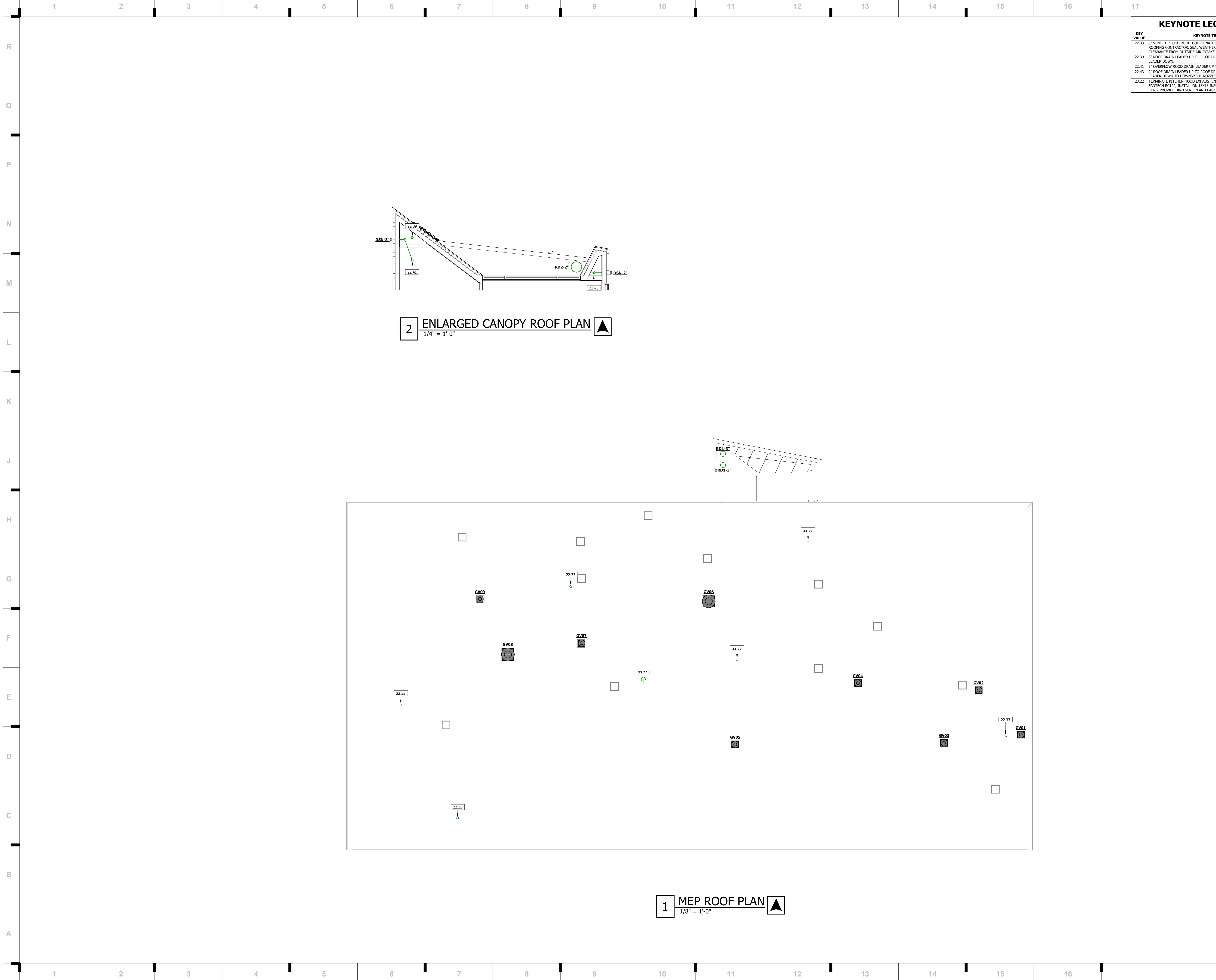
PROFESSIONAL SEAL  
JACOB A NELSON PE  
MO PE-2005618758



JOB NO: 23195  
DRAWN BY: VP  
CHECKED BY: JN  
DATE: 04/11/2025

# MEP100





KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
22.33	3" VENT THROUGH ROOF. COORDINATE ROOF PENETRATION WITH ROOFING CONTRACTOR. SEAL WEATHER TIGHT. MAINTAIN 10 FEET CLEARANCE FROM OUTSIDE AIR INTAKE.
22.39	3" ROOF DRAIN LEADER UP TO ROOF DRAIN AND 3" ROOF DRAIN LEADER DOWN.
22.41	3" OVERFLOW ROOF DRAIN LEADER UP TO ROOF DRAIN.
22.43	2" ROOF DRAIN LEADER UP TO ROOF DRAIN AND 2" ROOF DRAIN LEADER DOWN TO DOWNSPOUT NOZZLE.
23.22	TERMINATE KITCHEN HOOD EXHAUST IN ROOF VENT EQUIVALENT TO FANTECH RCL2P. INSTALL ON 18X18 INSULATED 14" TALL ROOF CURB. PROVIDE BIRD SCREEN AND BACKDRAFT DAMPER.

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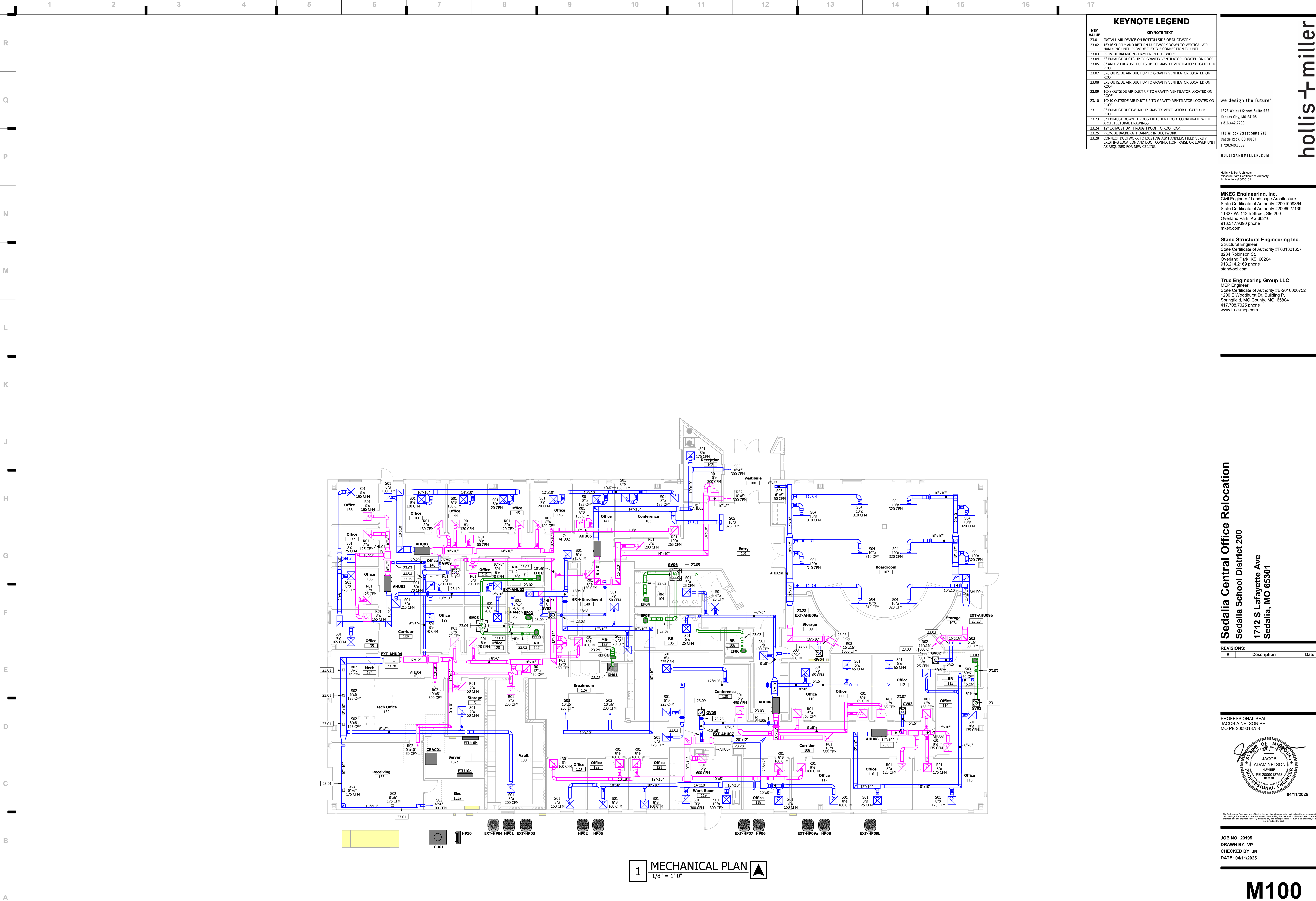


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**MEP200**

MEP ROOF PLAN





KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
23.01	INSTALL AIR DEVICE ON BOTTOM SIDE OF DUCTWORK.
23.02	18X16 SUPPLY AND RETURN DUCTWORK DOWN TO VERTICAL AIR HANDLING UNIT. PROVIDE FLEXIBLE CONNECTION TO UNIT.
23.03	PROVIDE BALANCING DAMPER IN DUCTWORK.
23.04	6\"
23.05	8\"
23.07	6X6 OUTSIDE AIR DUCT UP TO GRAVITY VENTILATOR LOCATED ON ROOF.
23.08	8X8 OUTSIDE AIR DUCT UP TO GRAVITY VENTILATOR LOCATED ON ROOF.
23.09	10X8 OUTSIDE AIR DUCT UP TO GRAVITY VENTILATOR LOCATED ON ROOF.
23.10	10X10 OUTSIDE AIR DUCT UP TO GRAVITY VENTILATOR LOCATED ON ROOF.
23.11	8\"
23.23	8\"
23.24	12\"
23.25	PROVIDE BACKDRAFT DAMPER IN DUCTWORK.
23.28	CONNECT DUCTWORK TO EXISTING AIR HANDLER. FIELD VERIFY EXISTING LOCATION AND DUCT CONNECTION. RAISE OR LOWER UNIT AS REQUIRED FOR NEW CEILING.

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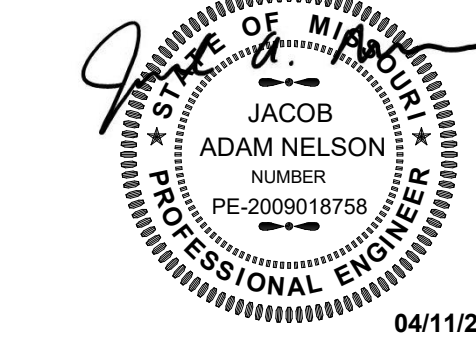
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M100

MECHANICAL PLAN





KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
23.13	CONNECT 0.75" CONDENSATE DRAIN TO AIR HANDLING UNIT. FIELD VERIFY CONNECTION SIZE AND LOCATION.
23.14	TERMINATE 1" CONDENSATE DRAIN AT FLOOR DRAIN.
23.16	TERMINATE 1" CONDENSATE DRAIN AT MOP BASIN.
23.17	TERMINATE 0.75" CONDENSATE DRAIN AT FLOOR DRAIN.
23.18	REFRIGERANT LINES THROUGH WALL. SEAL PENETRATION WEATHER TIGHT. PENETRATE EXISTING WALL AT 18" TO 24" ABOVE FINISH FLOOR.
23.20	1" CONDENSATE DRAIN DOWN TIGHT TO WALL.
23.21	CONNECT 0.75" CONDENSATE DRAIN TO CRAC UNIT. FIELD VERIFY CONNECTION SIZE AND LOCATION.
23.26	CONNECT 0.75" CONDENSATE DRAIN TO FAN TERMINAL UNIT. FIELD VERIFY CONNECTION SIZE AND LOCATION.

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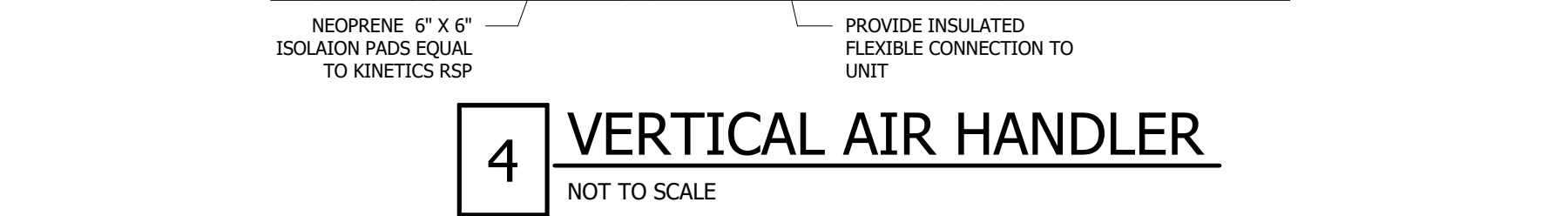
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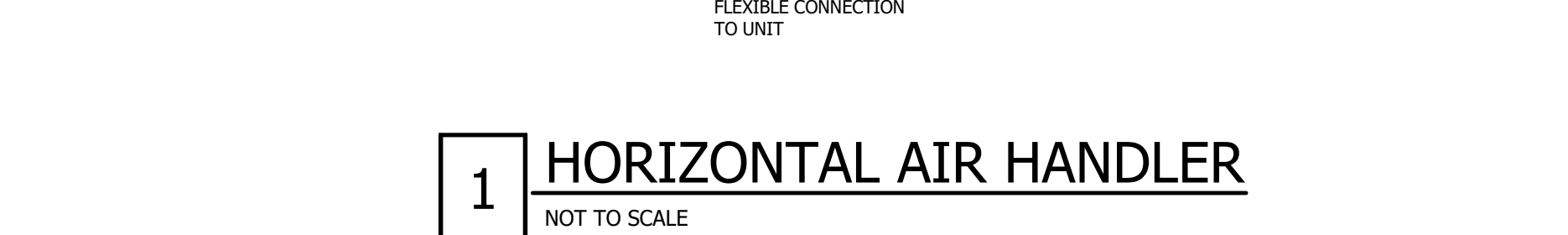
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EXHAUST FAN SCHEDULE							
COORDINATE CONNECTION WITH ELECTRICIAN.							
CFM	EXTERNAL STATIC (WC)	MOUNTING	FINISH	VOLTAGE	MOTOR HP (WATTS)	NOTES	EQUIVALENTS
100	0.3"	CEILING	STANDARD	120V/1	(47)	1,2,3,4,5	GREENHECK
100	0.3"	CEILING	STANDARD	120V/1	(47)	1,2,3,4,5	GREENHECK
100	0.3"	CEILING	STANDARD	120V/1	(47)	1,2,3,4,5	GREENHECK
150	0.3"	CEILING	STANDARD	120V/1	(70)	1,2,3,4,5	GREENHECK
150	0.3"	CEILING	STANDARD	120V/1	(120)	1,2,3,4,5	GREENHECK
150	0.3"	CEILING	STANDARD	120V/1	(47)	1,2,3,4,5	GREENHECK
150	0.3"	CEILING	STANDARD	120V/1	(120)	1,2,3,4,5	GREENHECK
500	0.9"	STRUCTURE	120V/1	(173.5)	1,6,7	GREENHECK	

AIR DEVICE SCHEDULE												
SIZE AS BRANCH DUCTWORK UNLESS NOTED OTHERWISE ON PLAN.												
IF 4-WAY UNLESS NOTED BY DIRECTION ON PLANS.												
UNLESS NOTED OTHERWISE.												
LAYIN INTO GYPSUM CEILING.												
MODEL	MODULE SIZE	FRAME	FINISH	NUMBER OF SLOTS	SLOT LENGTH	SLOT WIDTH	DAMPER	MAX NC RATING	THROW (FT)	EXTERNAL STATIC (WC)	NOTES	EQUIVALENTS
6600	24X24	LAY-IN	WHITE	-	-	-	-	30	-	0.1"	1	TITUS, PRICE
EQCS	SEE PLAN	SURFACE	PAINT	-	-	-	OBD	30	-	0.1"	1.2	TITUS, PRICE
PUGS	24X24	LAY-IN	WHITE	-	-	-	-	30	-	0.1"	1.3	TITUS, PRICE
880	SEE PLAN	DUCT	PAINT	-	-	-	OBD	30	-	0.1"	1.3	TITUS, PRICE
880	SEE PLAN	SURFACE	PAINT	-	-	-	OBD	30	-	0.1"	1.3	TITUS, PRICE
880	SEE PLAN	LAY-IN	WHITE	2	48"	1"	-	30	-	0.1"	1	TITUS, PRICE
PTBA	SEE PLAN	SURFACE	PAINT	2	48"	1"	-	30	-	0.1"	1.3	TITUS, PRICE

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CONDENSING UNIT SCHEDULE										
<b>NOTES:</b>										
1. PROVIDE REFRIGERANT LINE SET(S) SIZED PER MANUFACTURER'S RECOMMENDATIONS.										
2. PROVIDE ALL REFRIGERATION SYSTEM ACCESSORIES REQUIRED BY MANUFACTURERS FOR GIVEN LINE SET ROUTING.										
3. INSTALL UNIT ON CONCRETE HOUSING/KEEPING END PER MANUFACTURERS RECOMMENDATIONS.										
4. MODULATING HEAD PRESSURE CONTROL.										
5. SINGLE POINT POWER CONNECTION WITH DISCONNECT.										
TYPE MARK	MANUFACTURER	TONNAGE	CONDENSER MODEL NUMBER	AMBIENT DB	TOTAL (MBH)	MCA	MOP	VOLTAG	NOTES	EQUIVALENTS
CX01	COMPU-AISE	6	ACC-723	95	6	13	209/3		1,2	

ANAL (WC)	LEAVING AIR DB	ELEC (KW)	ENTERING AIR DB	MCA	MOCF	VOLTAGE	NOTES	EQUIVALENTS
	55	12	75	79	100	208/3	1 THRU 9	-

# HEAT PUMP SCHEDULE

NOTES:										
	1. PROVIDE REFRIGERANT LINE SET(S) SIZED PER MANUFACTURER'S RECOMMENDATIONS. 2. PROVIDE ALL REFRIGERATION SYSTEM ACCESSORIES REQUIRED BY MANUFACTURER FOR GIVEN LINE SET ROUTING. 3. HAIL GUARDS. 4. HEAT PUMPS SHALL OPERATE DOWN TO ZERO DEGREES BEFORE TURNING OFF. 5. PROVIDE EQUIPMENT SUPPORT SYSTEM BY BIG FOOT, QUICK-SLING, OR APPROVED EQUAL. EQUIPMENT SUPPORT SYSTEM SHALL BE SIZED PER MANUFACTURER'S REQUIREMENTS. 6. 2-STAGE COMPRESSOR. 7. EXISTING HEAT PUMP, FIELD VERIFY EXISTING CONDITIONS. PROVIDE NEW REFRIGERANT LINE SET PER MANUFACTURER REQUIREMENTS.									
TYPE MARK	MANUFACTURER	MODEL NUMBER	AMBIENT TEMPERATURE SUMMER DB /WB	WINTER DB /WB	TOTAL MBH	HEATING MBH	VOLTAGE	MCA	MOPC	NOTES
EXT-HP03	-	-	-	-	-	-	208/1	28.7	45	5.7
EXT-HP04	-	-	-	-	-	-	208/1	24	40	5.7
EXT-HP07	-	-	-	-	-	-	208/1	28.5	40	5.7
EXT-HP09a	-	-	-	-	-	-	208/1	28.5	40	5.7
EXT-HP09b	-	-	-	-	-	-	208/1	28.7	45	5.7
HP01	TRANE	STWR5018A1	97/75.6	0/0	14.01	13.67	208/1	12	20	1,2,3,4,5
HP02	TRANE	STWR5030A1	97/75.6	0/0	22.17	26.02	208/1	16	25	1,2,3,4,5
HP05	TRANE	STWR5024A1	97/75.6	0/0	17.39	18.02	208/1	13	20	1,2,3,4,5
HP06	TRANE	STWR5030A1	97/75.6	0/0	28.34	19.33	208/1	16	25	1,2,3,4,5
HP08	TRANE	STWR5018A1	97/75.6	0/0	13.56	18.33	208/1	12	20	1,2,3,4,5

FAN COIL UNIT SCHEDULE											
1. FILTER AND FILTER RACK. 2. STRUCTURE PER MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS. PROVIDE VIBRATION ISOLATION ACCESSORIES. 3. FACTORY MANUFACTURER'S PROGRAMMABLE WALL-MOUNTED 7 DAY PROGRAMMABLE CONTROLLER/THERMOSTAT. 4. MP POWERED THROUGH UNIT. 5. CONDENSATE SENSOR AND SHUTDOWN RELAY.											
UNIT	MODEL NUMBER	SUPPLY AIR (CFM)	OUTSIDE AIR (CFM)	ESP (WC)	COOLING		HEATING MBH	VOLTAGE	MCA	MOCP	NOTES
					SENSIBLE MBH	TOTAL MBH					
	THPFD30KH01428	900	-	-	22.0	28.0	28.0	208/1	0.63	15	1,2,3,4,5
	THPFD30KH01428	900	-	-	22.0	28.0	28.0	208/1	0.63	15	1,2,3,4,5

AIR HANDLING UNIT SCHEDULE

INCLUDES WEI COIL, EXCLUDES FILTER LOSS.

CRACK AND 2" FILTERS WITH MINIMUM MERV 8 RATING.

ACTION WITH CIRCUIT BREAKER DISCONNECT.

ADJUSTABLE THROTTLE/ST.

PROVIDED FOR BACKUP TO HEAT PUMP DURING EXTREME WEATHER TEMPERATURES.

FAN.

VERIFY EXISTING CONDITIONS.

NUMBER	SUPPLY AIR (CFM)	OUTSIDE AIR (CFM)	EXTERNAL STATIC (WC)	LEAVING AIR DB	ELEC (KW)	ENTERING AIR DB	MCA	MOCF	VOLUME	NOTES	EQUIVALENTS
030A03C1	600	60	0.15	90	5.77	65	39	40	206/1	1,2,3,4,5,6	AMERICAN STANDARD
005A05A1	1000	130	0.5"	90	7.21	65	49	50	206/1	1,2,3,4,5,6	AMERICAN STANDARD
004A04A1	800	85	0.5"	90	5.77	65	40	50	206/1	1,2,3,4,5,6	AMERICAN STANDARD
005A05A1	225	100	0.15"	90	7.21	65	50	50	206/1	1,2,3,4,5,6	AMERICAN STANDARD
030A03C1	600	65	0.5"	90	5.77	65	39	40	206/1	1,2,3,4,5,6	AMERICAN STANDARD
-	1400	220	-	-	-	-	-	-	206/1	4,7	-
-	1000	135	-	-	-	-	-	-	206/1	4,7	-
-	1400	105	-	-	-	-	-	-	206/1	4,7	-
-	1600	160	-	-	-	-	-	-	206/1	4,7	-
-	120	160	-	-	-	-	-	-	206/1	4,7	-

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location

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ette Ave  
5301

**Malina Cecilia**  
**Malina School**  
**St. Lafayette**  
**Malina, MO 64558**

#	Description

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JACOB A NELSON PE  
MO PE-2009018758

STATE OF  
JAC  
ADAM N  
NUME  
PE-2009

The Professional Engineer's seal affixed to this sheet

**JOB NO: 23195**  
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**CHECKED BY: JN**

DATE: 04/11/2025

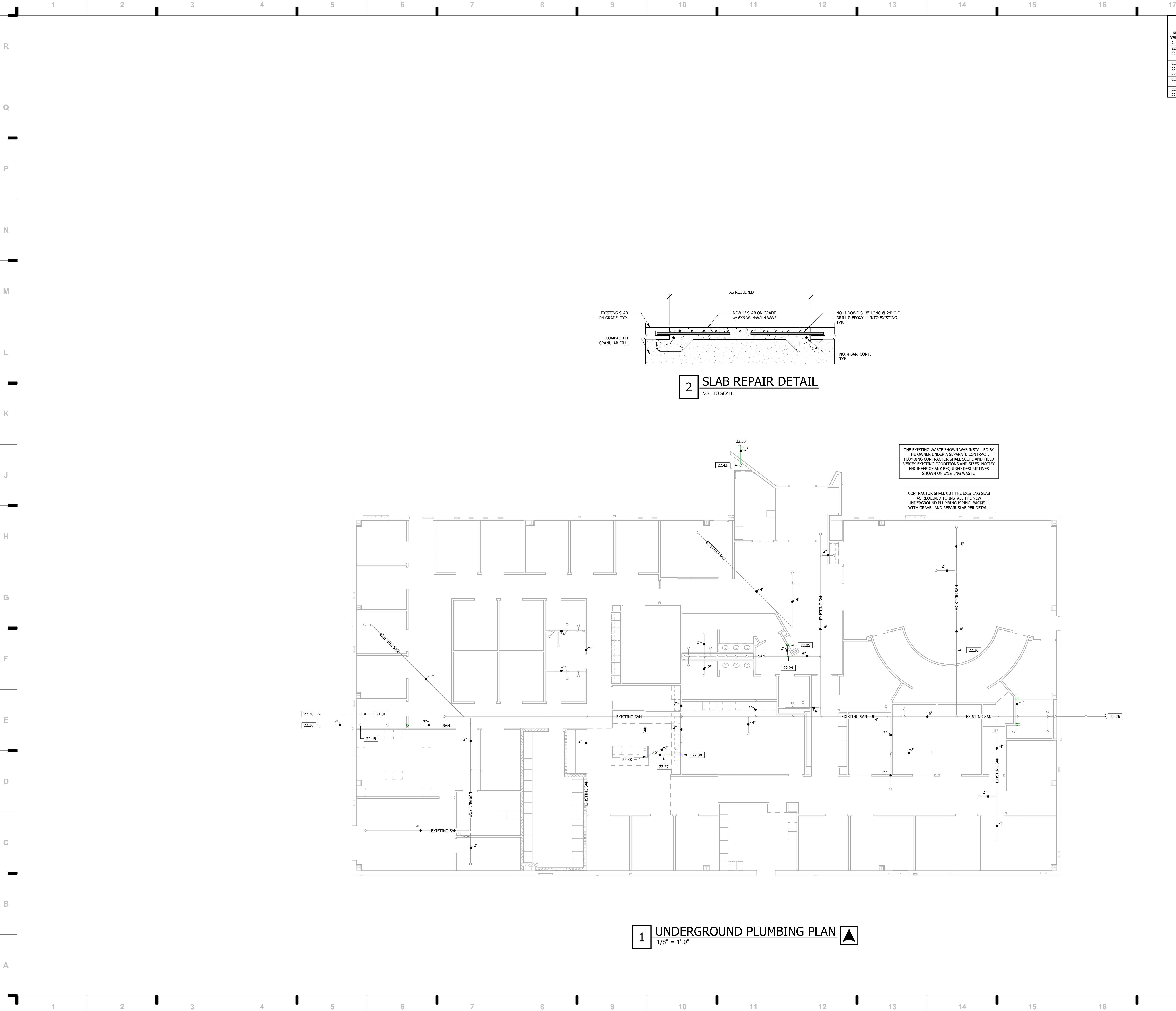
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M2

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## DETAILS AND





KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
21.01	EXISTING FIRE SPRINKLER SERVICE UP.
22.05	2\" WASTE UP TO DRINKING FOUNTAIN.
22.24	CONNECT NEW 2\" WASTE LINE TO EXISTING MAIN. FIELD VERIFY EXISTING SIZE AND LOCATION.
22.26	EXISTING WASTE LINE SHALL REMAIN.
22.30	REFER TO CIVIL PLANS FOR CONTINUATION.
22.37	INSTALL 0.5\" COLD WATER LINE 5' BELOW FROST LINE.
22.38	0.5\" COLD WATER UP. REFER TO PLUMBING PLAN FOR CONTINUATION.
22.42	3\" ROOF DRAIN LEADER UP.
22.46	EXISTING 2\" WATER SERVICE UP.

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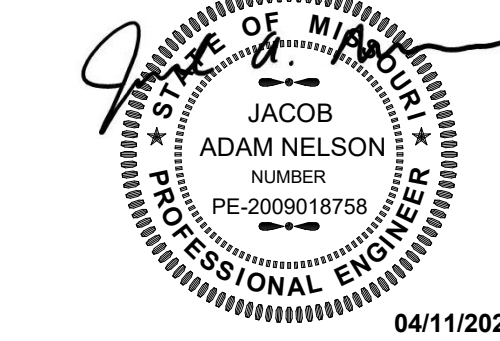
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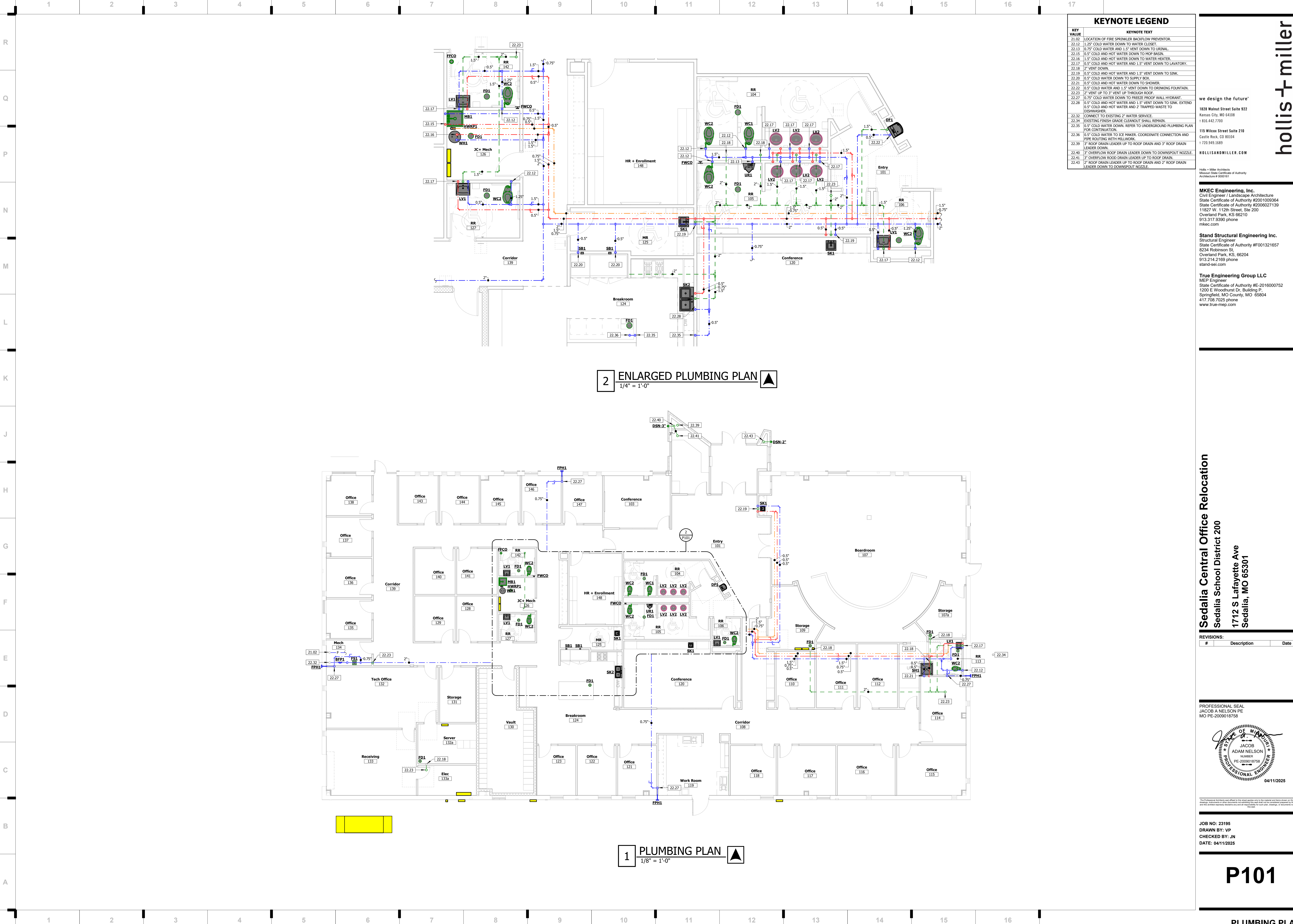
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KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
21.02	LOCATION OF FIRE SPRINKLER BACKFLOW PREVENTOR.
22.12	1.25" COLD WATER DOWN TO WATER CLOSET.
22.13	0.75" COLD WATER AND 1.5" VENT DOWN TO URINAL.
22.15	0.5" COLD AND HOT WATER DOWN TO WSP BASIN.
22.16	1.5" COLD AND HOT WATER DOWN TO WATER HEATER.
22.17	0.5" COLD AND HOT WATER AND 1.5" VENT DOWN TO LAVATORY.
22.18	2" VENT DOWN.
22.19	0.5" COLD AND HOT WATER AND 1.5" VENT DOWN TO SINK.
22.20	0.5" COLD WATER DOWN TO SUPPLY BOX.
22.21	0.5" COLD AND HOT WATER DOWN TO SHOWER.
22.22	0.5" COLD WATER AND 1.5" VENT DOWN TO DRINKING FOUNTAIN.
22.23	2" VENT UP TO 3" VENT UP THROUGH ROOF.
22.27	0.75" COLD WATER DOWN TO FREEZE PROOF WALL HYDRANT.
22.28	0.5" COLD AND HOT WATER AND 1.5" VENT DOWN TO SINK. EXTEND 0.5" COLD AND HOT WATER AND 2" TRAPPED WASTE TO DISHWASHER.
22.32	CONNECT TO EXISTING 2" WATER SERVICE.
22.34	EXISTING FINISH GRADE CLEANOUT SHALL REMAIN.
22.35	0.5" COLD WATER DOWN. REFER TO UNDERGROUND PLUMBING PLAN FOR CONTINUATION.
22.36	0.5" COLD WATER TO ICE MAKER. COORDINATE CONNECTION AND PIPE ROUTING WITH MILLWORK.
22.39	3" ROOF DRAIN LEADER UP TO ROOF DRAIN AND 3" ROOF DRAIN LEADER DOWN.
22.40	3" OVERFLOW ROOF DRAIN LEADER DOWN TO DOWNSPOUT NOZZLE.
22.41	3" OVERFLOW ROOF DRAIN LEADER UP TO ROOF DRAIN.
22.43	3" ROOF DRAIN LEADER UP TO ROOF DRAIN AND 2" ROOF DRAIN LEADER DOWN TO DOWNSPOUT NOZZLE.

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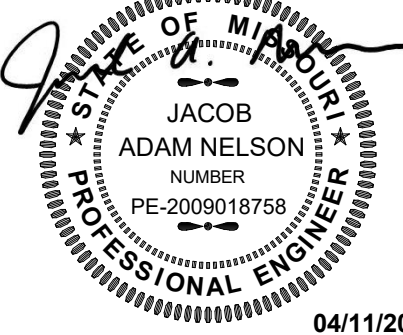
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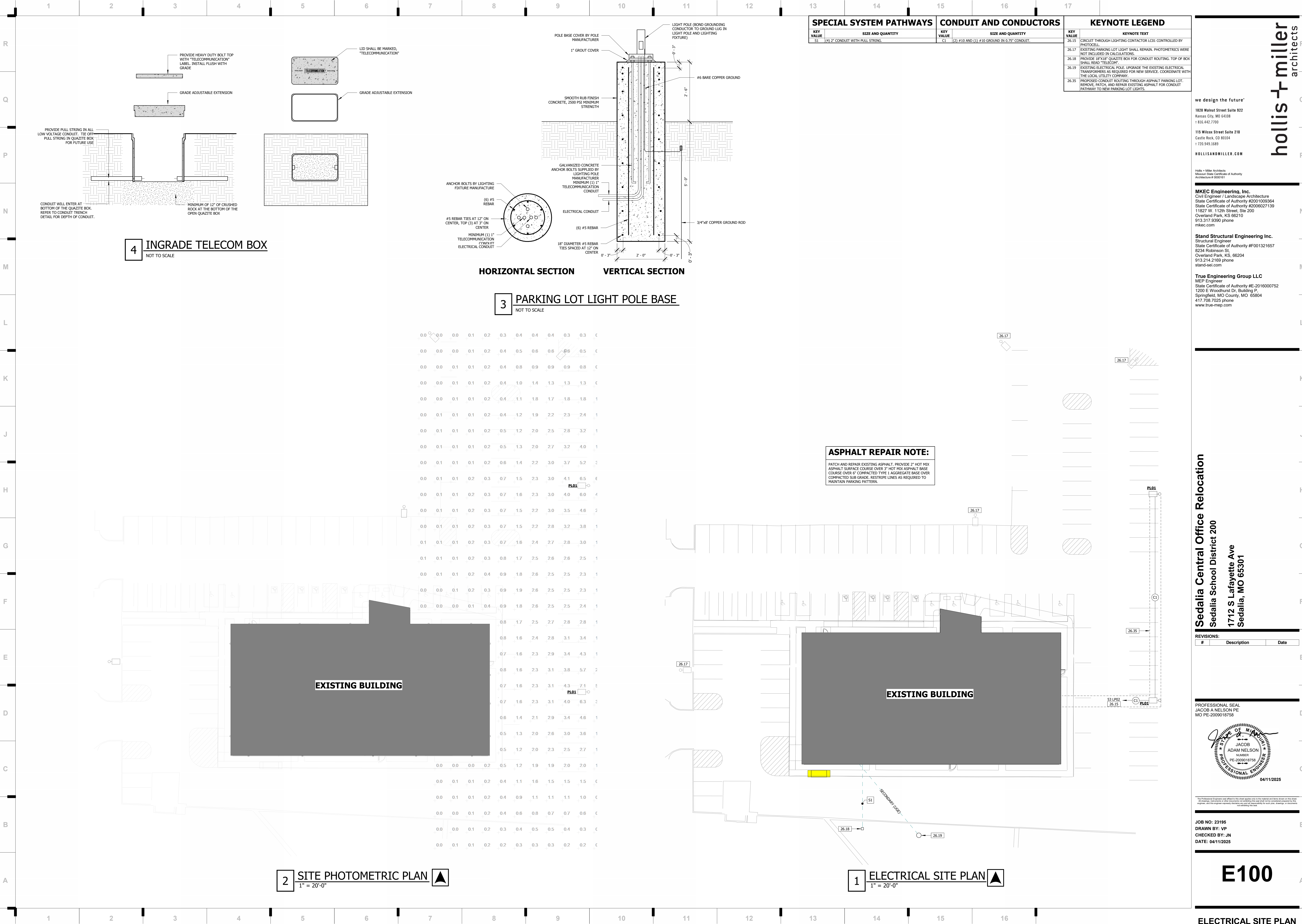
P101

PLUMBING PLAN



PLUMBING PUMP SCHEDULE														
NOTES:														
	1. PROVIDE AQUASTAT KIT FOR PUMP CONTROL.													
	2. COORDINATE ELECTRICAL CONNECTION WITH ELECTRICAL CONTRACTOR.													
	3. BEARINGS ARE TO BE LUBRICATED BY THE CIRCULATING FLUID.													
TYPE MARK	MANUFACTURER	SERIES	INLET SIZE	DISCHARGE SIZE	GPM	PUMP HEAD (FT)	MOTOR HP (Watts)	RPM	CONSTRUCTION	FLUID TYPE	FLUID TEMPERATURE	VOLTAGE	NOTES	EQUIVALENTS
HWP/1	TACO	003-1FC	0.75"	0.75"	2	4	1/40	3250	BRONZE	DOMESTIC HOT WATER	140	120/1	1,2,3	BELL & GOSSETT





4 INGRADE TELECOM BOX  
NOT TO SCALE

3 PARKING LOT LIGHT POLE BASE  
NOT TO SCALE

2 SITE PHOTOMETRIC PLAN  
1" = 20'-0"

1 ELECTRICAL SITE PLAN  
1" = 20'-0"

SPECIAL SYSTEM PATHWAYS		CONDUIT AND CONDUCTORS		KEYNOTE LEGEND	
KEY VALUE	SIZE AND QUANTITY	KEY VALUE	SIZE AND QUANTITY	KEY VALUE	KEYNOTE TEXT
S1	(4) 2" CONDUIT WITH PULL STRING.	C1	(2) #10 AND (1) #10 GROUND IN 0.75" CONDUIT.	26.15	CIRCUIT THROUGH LIGHTING CONTACTOR LCO1, CONTROLLED BY PHOTOCELL.
				26.17	EXISTING PARKING LOT LIGHT SHALL REMAIN. PHOTOMETRICS WERE NOT INCLUDED IN CALCULATIONS.
				26.18	PROVIDE 18"x18" QUARTZITE BOX FOR CONDUIT ROUTING. TOP OF BOX SHALL READ "TELECOM".
				26.19	EXISTING ELECTRICAL POLE. UPGRADE THE EXISTING ELECTRICAL TRANSFORMERS AS REQUIRED FOR NEW SERVICE. COORDINATE WITH THE LOCAL UTILITY COMPANY.
				26.35	PROPOSED CONDUIT ROUTING THROUGH ASPHALT PARKING LOT. REMOVING, PATCH, AND REPAIR EXISTING ASPHALT FOR CONDUIT PATHWAY TO NEW PARKING LOT LIGHTS.

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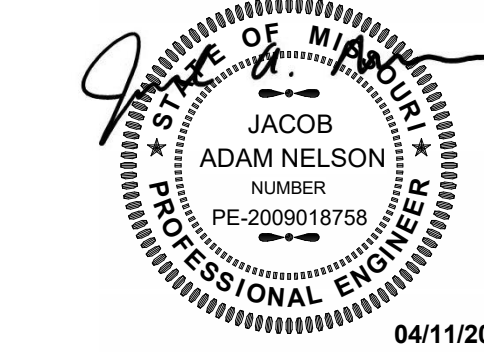
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CHECKED BY: JN  
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E100

ELECTRICAL SITE PLAN



KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
26.14	PROVIDE PHOTOCELL EQUAL TO INTERMATIC MODEL EK43365 TO CONTROL EXTERIOR LIGHTS.
26.15	CIRCUIT THROUGH LIGHTING CONTACTOR LCD1 CONTROLLED BY PHOTOCELL.
26.21	LIGHT FIXTURE INSTALLED ON LOWER CANOPY ROOF. REFER TO ARCHITECTURAL DRAWINGS.
26.23	COORDINATE LIGHT FIXTURE INSTALLATION WITH ARCHITECTURAL DETAILING. REFER TO ARCHITECTURAL DRAWINGS.

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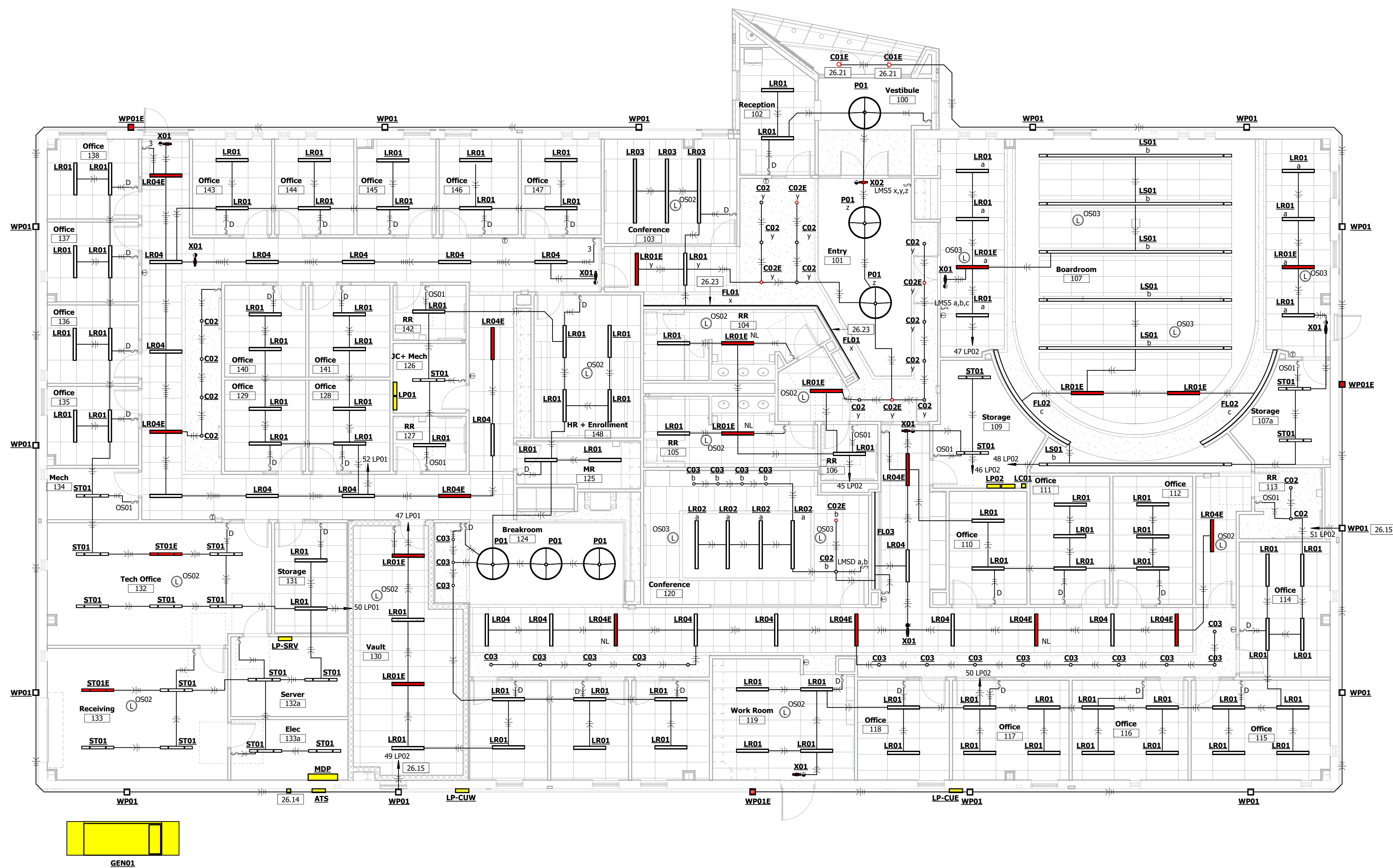
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1 LIGHTING PLAN

## Sedalia Central Office Relocation

Sedalia School District 200

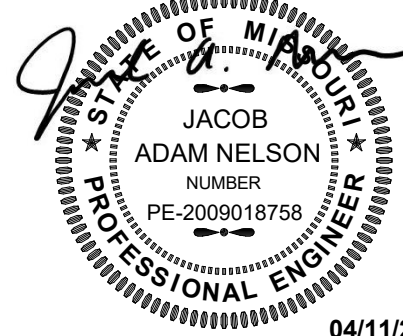
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# E101

## LIGHTING PLAN

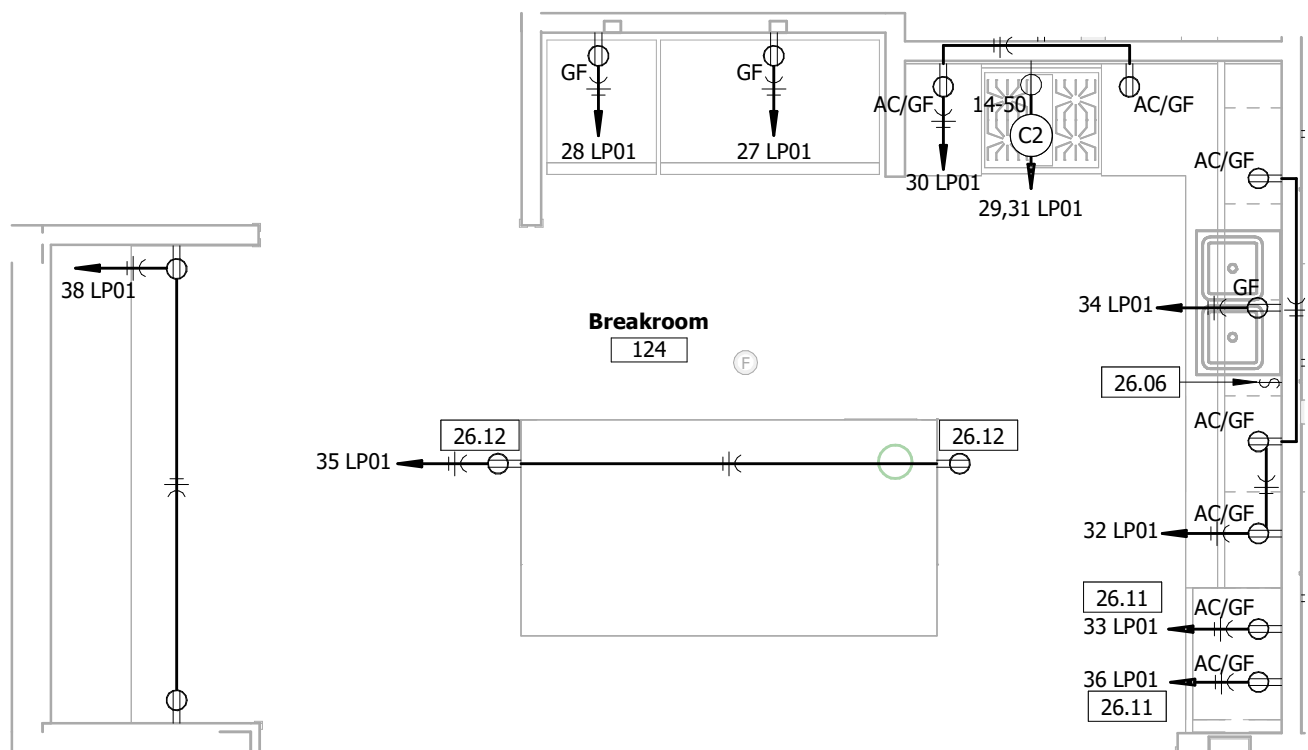


CONDUIT AND CONDUCTORS

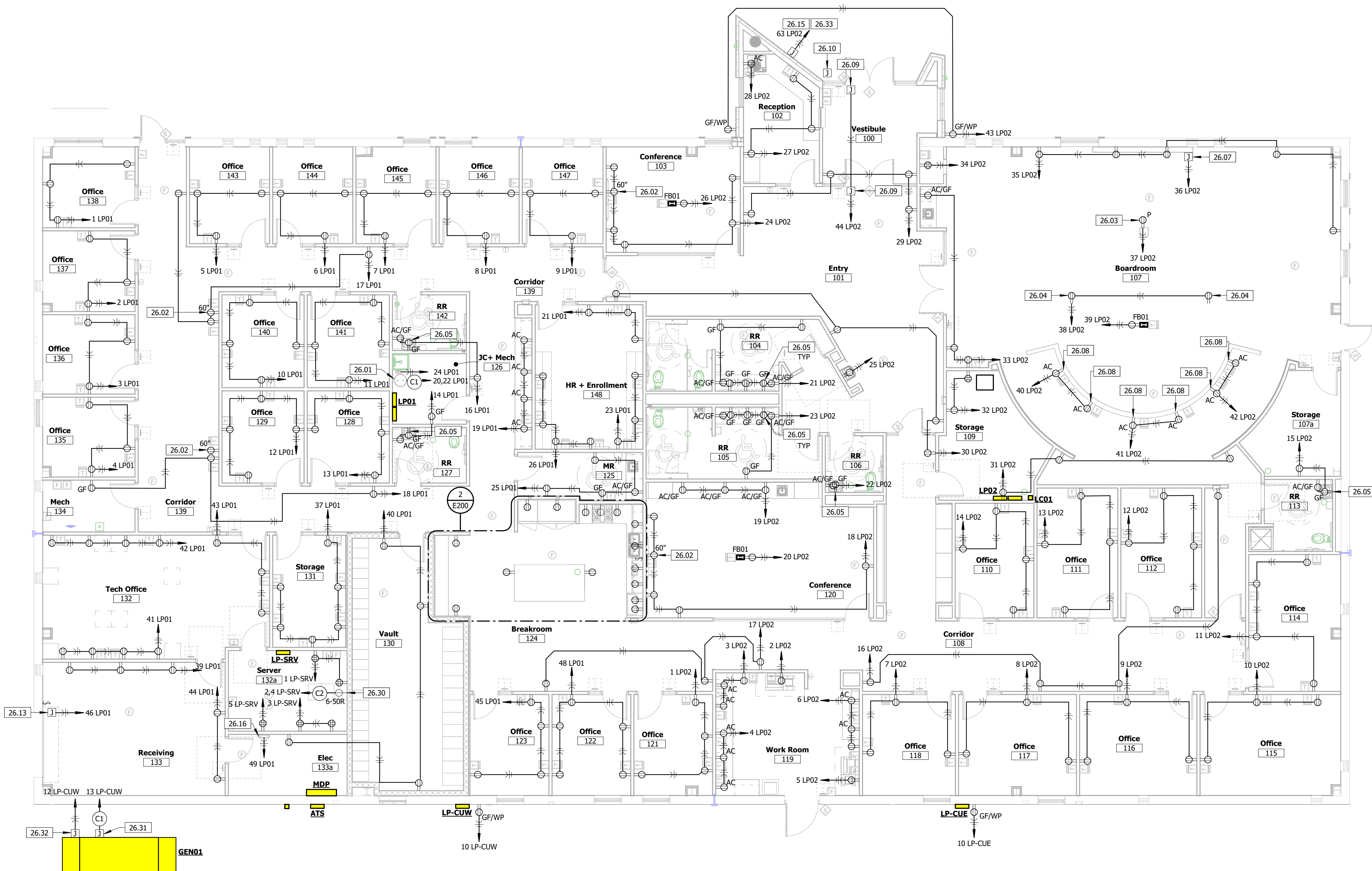
KEY VALUE	SIZE AND QUANTITY
C1	(2) #10 AND (1) #10 GROUND IN 0.75" CONDUIT.
C2	(2) #8 AND (1) #10 GROUND IN 0.75" CONDUIT.

KEYNOTE LEGEND

KEY VALUE	KEYNOTE TEXT
26.01	PROVIDE ELECTRICAL CONNECTION TO WATER HEATER AND HOT WATER RECIRCULATION PUMP. COORDINATE REQUIREMENTS WITH PLUMBING CONTRACTOR.
26.02	COORDINATE INSTALLATION HEIGHT OF TV WITH OWNER.
26.03	RECEPTACLE IN CEILING FOR PROJECTOR. FIELD COORDINATE LOCATION.
26.04	RECEPTACLE IN CEILING FOR TV. FIELD COORDINATE LOCATION.
26.05	INSTALL RECEPTACLE UNDERNEATH LAVATORY FOR SENSOR FAUCET PLUG-IN. COORDINATE WITH PLUMBING CONTRACTOR.
26.06	PROVIDE SWITCH FOR GARBAGE DISPOSAL. CONTROL SWITCHED RECEPTACLE UNDERNEATH SINK.
26.07	PROVIDE ELECTRICAL CONNECTION TO MOTORIZED SCREEN. COORDINATE LOCATION AND POWER REQUIREMENTS WITH SELECTED VENDOR.
26.08	INSTALL RECEPTACLE IN FURNITURE. COORDINATE WITH MILLWORK PROVIDER.
26.09	ELECTRICAL CONNECTION TO OPERATED ADA DOORS. FIELD COORDINATE/VERIFY ROUGH-IN, CONTROL REQUIREMENTS, CONTROL LOCATIONS, POWER REQUIREMENTS, AND POWER LOCATIONS. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS(S), DOOR/HARDWARE SCHEDULE, AND ADDITIONAL REQUIREMENTS.
26.10	PUSH BUTTON LOCATION FOR ADA DOORS. SHOWN FOR REFERENCE ONLY. COORDINATE LOCATION WITH ARCHITECTURAL DRAWINGS.
26.11	RECEPTACLE FOR MICROWAVE. REFER TO ARCHITECTURAL PLANS FOR INSTALLATION HEIGHT. COORDINATE WITH MILLWORK.
26.12	INSTALL RECEPTACLE IN MILLWORK. COORDINATE WITH MILLWORK PROVIDER.
26.13	PROVIDE JUNCTION BOX AND ELECTRICAL CONNECTION FOR MOTORIZED OVERHEAD DOOR. PROVIDE SWITCH CONTROLLER FOR MOTORIZED DOOR. COORDINATE LOCATION ON SITE WITH OVERHEAD DOOR INSTALLER.
26.15	CIRCUIT THROUGH LIGHTING CONTACTOR LC01 CONTROLLED BY PHOTOCELL.
26.16	PROVIDE ELECTRICAL CONNECTION TO FIRE ALARM CONTROL PANEL. COORDINATE WITH FIRE ALARM CONTRACTOR.
26.30	VERIFY POWER REQUIREMENTS WITH OWNER PRIOR TO INSTALLATION.
26.31	ELECTRICAL CONNECTION TO GENERATOR ENGINE BLOCK HEATER. FIELD VERIFY ELECTRICAL REQUIREMENTS.
26.32	ELECTRICAL CONNECTION TO GENERATOR BATTERY CHARGER. FIELD VERIFY ELECTRICAL REQUIREMENTS.
26.33	PROVIDE ELECTRICAL CONNECTION TO SIGN ON BUILDING. REFER TO ARCHITECTURAL ELEVATIONS FOR LOCATION AND HEIGHT.



2 ENLARGED POWER PLAN - BREAKROOM  
1/4" = 1'-0"



1 POWER PLAN  
1/8" = 1'-0"

Sedalia Central Office Relocation

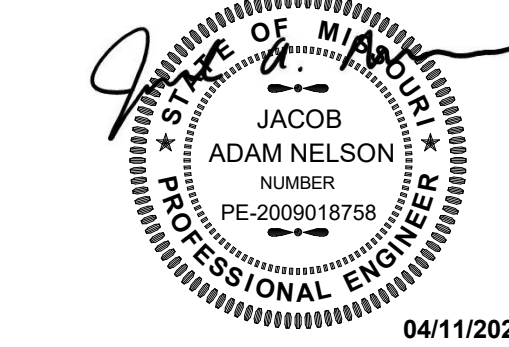
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E200

POWER PLAN



# CONDUIT AND CONDUCTORS

KEY VALUE	SIZE AND QUANTITY
C1	(2) #10 AND (1) #10 GROUND IN 0.75" CONDUIT.
C2	(2) #8 AND (1) #10 GROUND IN 0.75" CONDUIT.
C3	(3) #3 AND (1) #8 GROUND IN 1.25" CONDUIT.

# KEYNOTE LEGEND

KEY VALUE	KEYNOTE TEXT
26.20	PROVIDE 2-POLE 20-AMP SWITCH FOR FAN TERMINAL DISCONNECT. COORDINATE WITH MECHANICAL CONTRACTOR.
26.24	CIRCUIT EXHAUST FAN WITH LIGHTING CIRCUIT IN ROOM. EXHAUST FAN SHALL OPERATE WHEN LIGHT IN ROOM IS ON.
26.25	CIRCUIT EXHAUST FAN THROUGH KITCHEN HOOD.
26.36	COORDINATE POWER REQUIREMENTS WITH MECHANICAL CONTRACTOR. FIELD VERIFY EXISTING CONDITIONS.

## Branch Panel: LP-CUW

Location: SOUTH EXTERIOR  
Supply From: MDP  
Mounting: SURFACE  
Enclosure: NEMA 3R

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Ratings: 22 kAIC  
Mains Type: MLO  
Mains Rating: 100 A  
Model: NQ

### Panelboard Accessories:

1. CONCEALED HINGE, 2. FLUSH LOCKS, 3. EQUIPMENT GROUND BAR, 4. REFER TO SPECS FOR BUS MATERIAL

CKT	CIRCUIT DESCRIPTION	TRIP	CB ACC	POLES	A	B	C	POLES	CB ACC	TRIP	CIRCUIT DESCRIPTION	CKT	
1	HP01	20 A	HACR	2	1560 VA	1560 VA		2	HACR	25 A	HP02	2	
3	--	--	--	--	--	--	--	--	--	--	--	4	
5	EXT-HP03	45 A	HACR	2	--	--	2985 VA	2496 VA	2	HACR	40 A	EXT-HP04	6
7	--	--	--	--	2985 VA	2496 VA	--	--	--	--	--	8	
9	HP05	20 A	HACR	2	--	1560 VA	180 VA	1	--	20 A	Exterior South - Receptacles	10	
11	--	--	--	--	--	--	1560 VA	500 VA	1	20 A	Generator Battery Charger	12	
13	Generator Block Heater	30 A	--	1	500 VA	0 VA	--	--	1	--	20 A	Spare	14
15	Spare	20 A	--	1	--	0 VA	0 VA	--	1	--	20 A	Spare	16
17	Spare	20 A	--	1	--	--	0 VA	0 VA	1	--	20 A	Spare	18
19	Spare	20 A	--	1	0 VA	0 VA	--	1	--	20 A	Spare	20	
21	Spare	20 A	--	1	--	0 VA	0 VA	--	1	--	20 A	Spare	22
23	Spare	20 A	--	1	--	--	0 VA	0 VA	1	--	20 A	Spare	24
25	Spare	20 A	--	1	0 VA	0 VA	--	--	1	--	20 A	Spare	26
27	Spare	20 A	--	1	--	0 VA	0 VA	--	1	--	20 A	Spare	28
29	Spare	20 A	--	1	--	--	0 VA	0 VA	1	--	20 A	Spare	30
Total Load:					9101 VA	4860 VA	7541 VA						
Total Amps:					79 A	41 A	66 A						

### Legend:

1. HACR = HACR RATED, 2. HLO = HAND LOCK-OFF, 3. GFCI = GROUND FAULT CIRCUIT INTERRUPTER, 4. AFCI = ARC FAULT CIRCUIT INTERRUPTER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	20322 VA	100.00%	20322 VA	
Power	1000 VA	100.00%	1000 VA	Total Conn. Load: 21502 VA
Receptacle	180 VA	100.00%	180 VA	Total Est. Demand: 21502 VA
				Total Conn.: 60 A
				Total Est. Demand: 60 A

### Notes:

## Branch Panel: LP-CUE

Location: SOUTH EXTERIOR  
Supply From: MDP  
Mounting: SURFACE  
Enclosure: NEMA 3R

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 22 kAIC  
Mains Type: MLO  
Mains Rating: 100 A  
Model: NQ

### Panelboard Accessories:

1. CONCEALED HINGE, 2. FLUSH LOCKS, 3. EQUIPMENT GROUND BAR, 4. REFER TO SPECS FOR BUS MATERIAL

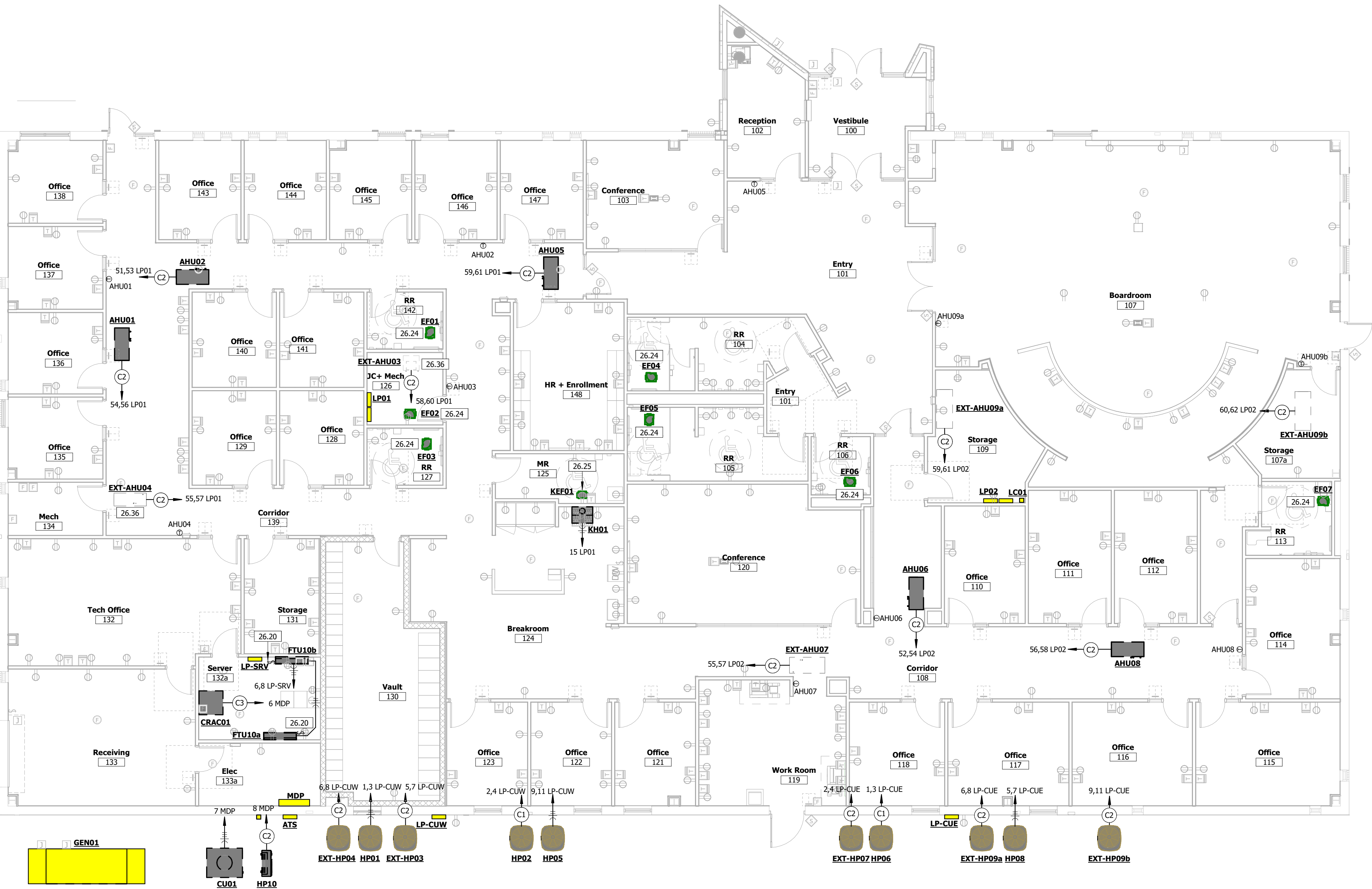
CKT	CIRCUIT DESCRIPTION	TRIP	CB ACC	POLES	A	B	C	POLES	CB ACC	TRIP	CIRCUIT DESCRIPTION	CKT	
1	HP06	25 A	HACR	2	1560 VA	2964 VA		2	HACR	40 A	EXT-HP07	2	
3	--	--	--	--	--	1560 VA	2964 VA	--	--	--	--	4	
5	HP08	20 A	HACR	2	--	--	1560 VA	2964 VA	2	HACR	40 A	EXT-HP09a	6
7	--	--	--	--	1560 VA	2964 VA	--	--	--	--	--	8	
9	EXT-HP09b	45 A	HACR	2	--	2985 VA	180 VA	--	1	--	20 A	Exterior Receptacle	10
11	--	--	--	--	--	--	2985 VA	0 VA	1	--	20 A	Spare	12
13	Spare	20 A	--	1	0 VA	0 VA	--	--	1	--	20 A	Spare	14
15	Spare	20 A	--	1	--	0 VA	0 VA	--	1	--	20 A	Spare	16
17	Spare	20 A	--	1	--	--	--	0 VA	1	--	20 A	Spare	18
19	Spare	20 A	--	1	0 VA	0 VA	--	--	1	--	20 A	Spare	20
21	Spare	20 A	--	1	--	0 VA	0 VA	--	1	--	20 A	Spare	22
23	Spare	20 A	--	1	--	--	0 VA	0 VA	1	--	20 A	Spare	24
25	Spare	20 A	--	1	0 VA	0 VA	--	--	1	--	20 A	Spare	26
27	Spare	20 A	--	1	--	0 VA	0 VA	--	1	--	20 A	Spare	28
29	Spare	20 A	--	1	--	--	0 VA	0 VA	1	--	20 A	Spare	30
Total Load:					9048 VA	7689 VA	7509 VA						
Total Amps:					76 A	64 A	63 A						

### Legend:

1. HACR = HACR RATED, 2. HLO = HAND LOCK-OFF, 3. GFCI = GROUND FAULT CIRCUIT INTERRUPTER, 4. AFCI = ARC FAULT CIRCUIT INTERRUPTER

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	24066 VA	100.00%	24066 VA	
Receptacle	180 VA	100.00%	180 VA	Total Conn. Load: 24246 VA
				Total Est. Demand: 24246 VA
				Total Conn.: 67 A
				Total Est. Demand: 67 A

### Notes:



1 HVAC POWER PLAN  
1/8" = 1'-0"

## Sedalia Central Office Relocation

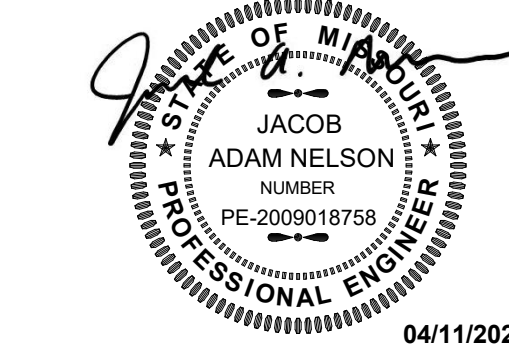
Sedalia School District 200

1712 S Lafayette Ave  
Sedalia, MO 65301

### REVISIONS:

#	Description	Date
---	-------------	------

PROFESSIONAL SEAL  
JACOB A NELSON PE  
MO PE-2005918758



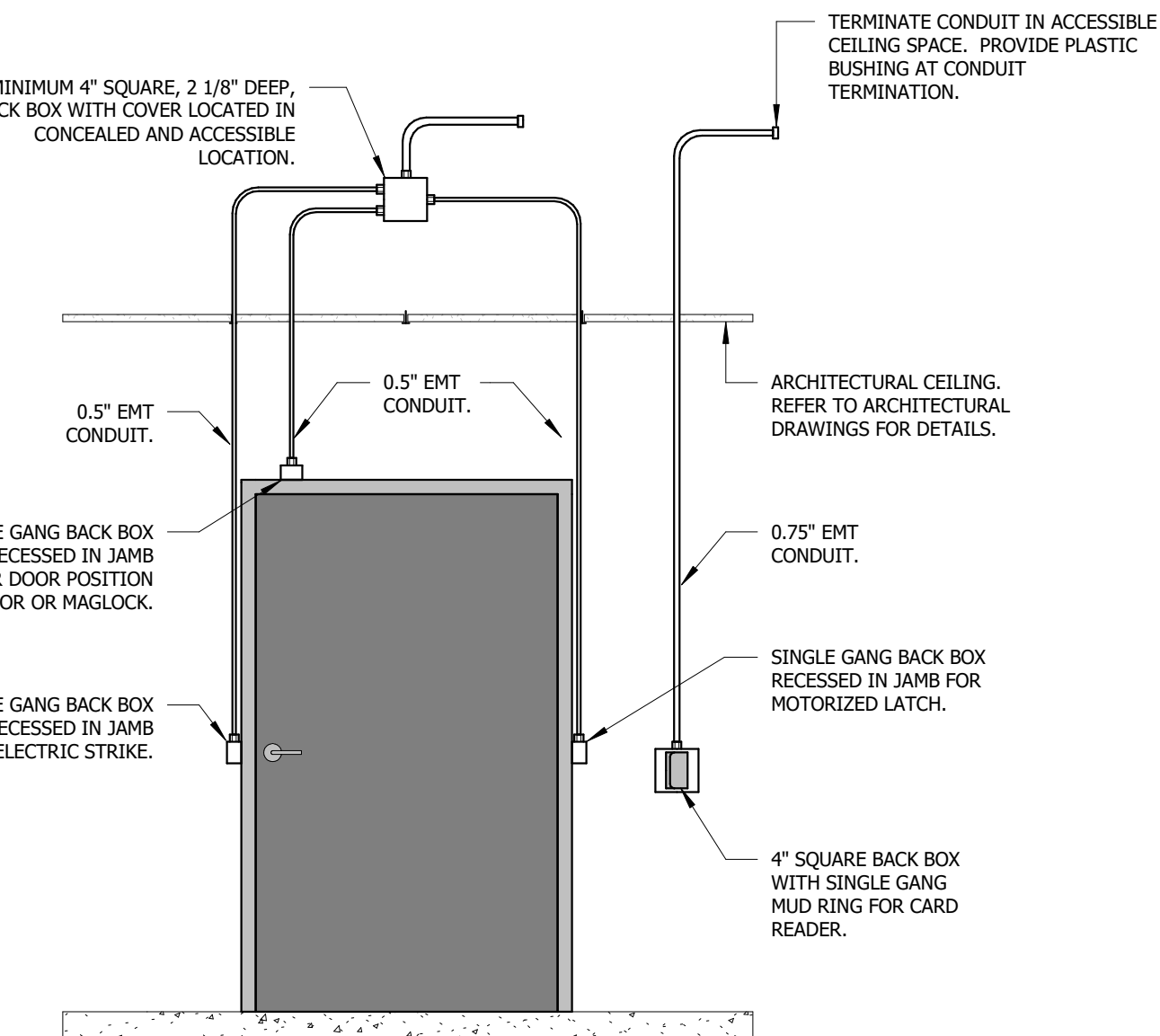
04/11/2025

JOB NO: 23195  
DRAWN BY: VP  
CHECKED BY: JN  
DATE: 04/11/2025

E201

HVAC POWER PLAN

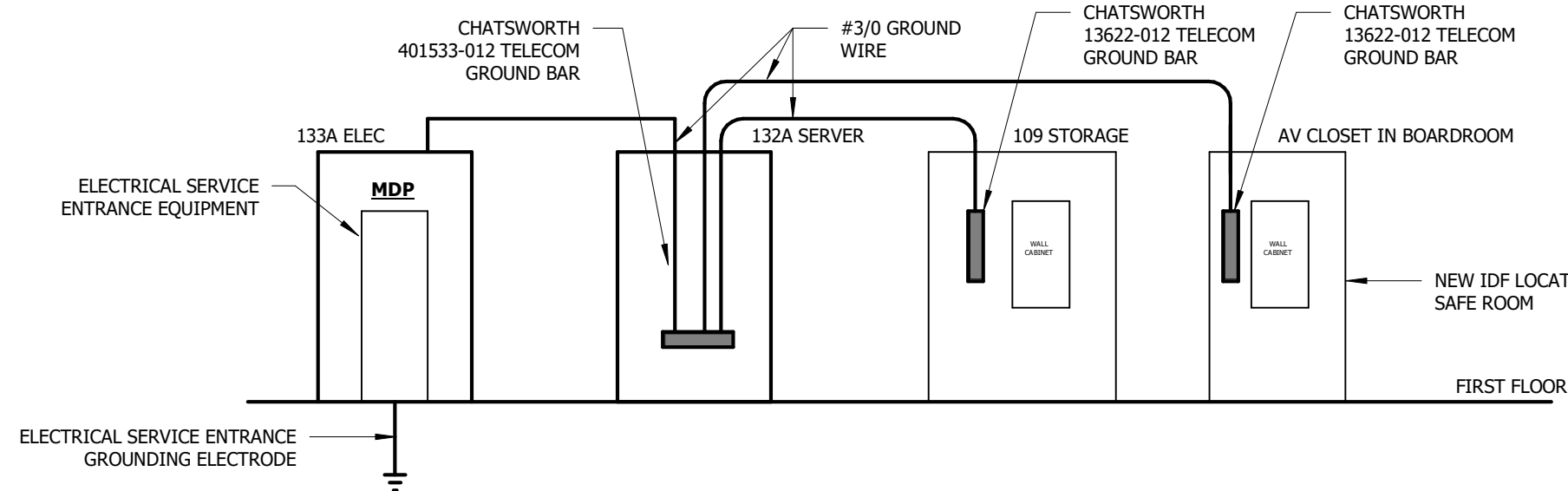




- NOTES:
1. CONTRACTOR SHALL PROVIDE ALL CONDUIT, BACK BOXES, PATHWAYS, AND ELECTRICAL CONNECTIONS FOR ACCESS CONTROL REGARDLESS OF THE CURRENT ACCESS CONTROL SYSTEM REQUIREMENTS.
  2. CONDUIT SHALL BE TERMINATED AT NEAREST ACCESSIBLE CEILING SPACE OR MECHANICAL ROOM/DATA CLOSET IF CEILING DIRECTLY ABOVE TELECOMMUNICATIONS OUTLET IS NOT ACCESSIBLE.
  3. CEILING SPACE SHALL BE DEEMED ACCESSIBLE IF ARCHITECTURAL CEILING IS REMOVABLE ACOUSTIC TILE OR ATTIC SPACE IS ACCESSIBLE FOR MAINTENANCE PURPOSES.

#### 4 ACCESS CONTROL DOOR PATHWAYS

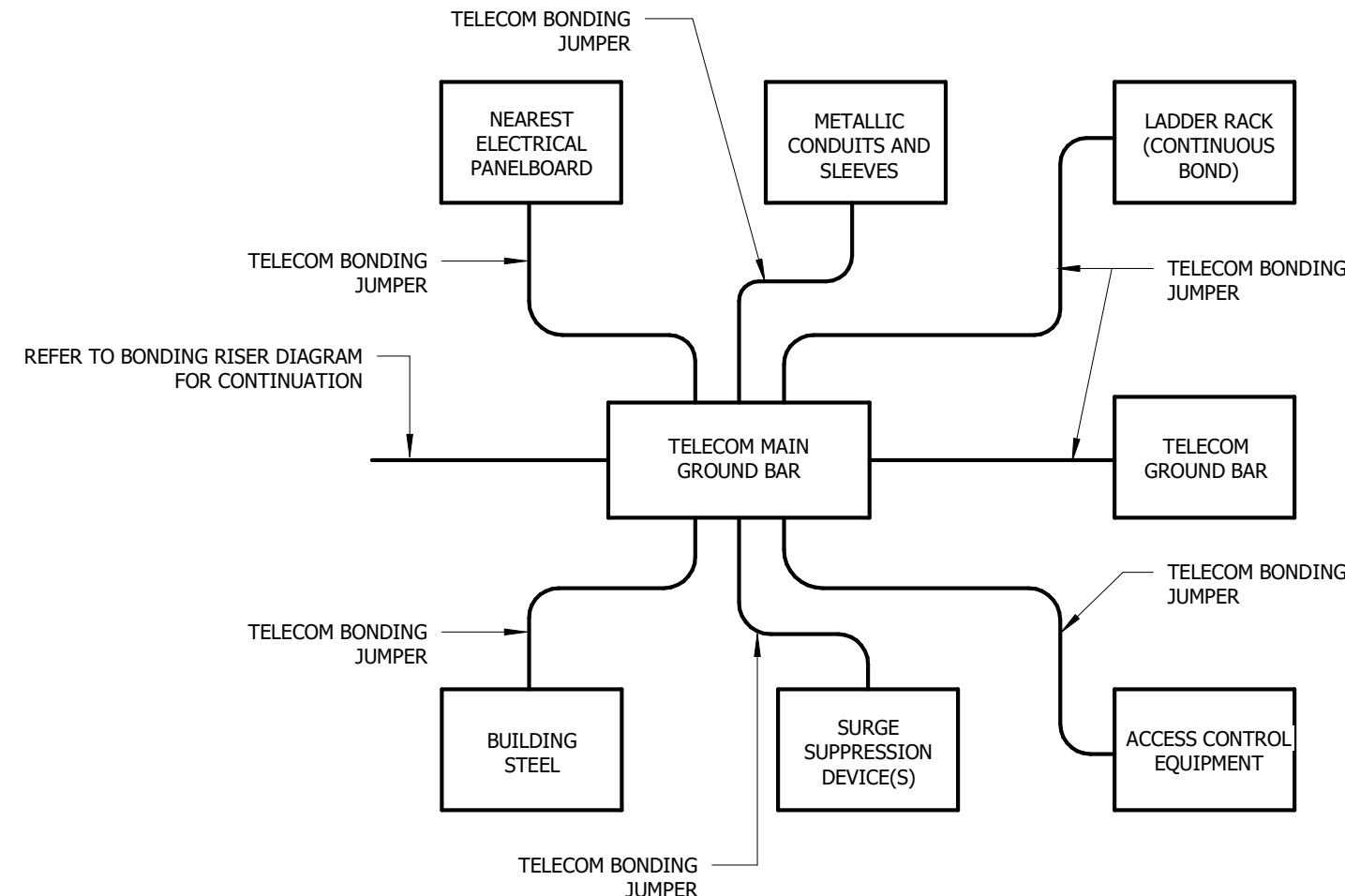
NOT TO SCALE



- NOTES:
1. ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY GROUNDING BUS BARS, CONDUCTORS, AND CONDUIT.
  2. ALL CONDUCTORS IN THE TECHNOLOGY BONDING SYSTEM SHALL BE A MINIMUM SIZE OF 3/0 AWG PLENUM RATED COPPER WITH OUTER GREEN INSULATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
  3. ALL BONDING CONDUCTORS AND BONDING JUMPERS SHALL BE CONNECTED BY COMPRESSION LUGS, EXOTHERMIC WELDING, OR IRREVERSIBLE COMPRESSION CONNECTORS.

#### 3 TELECOM BONDING RISER DIAGRAM

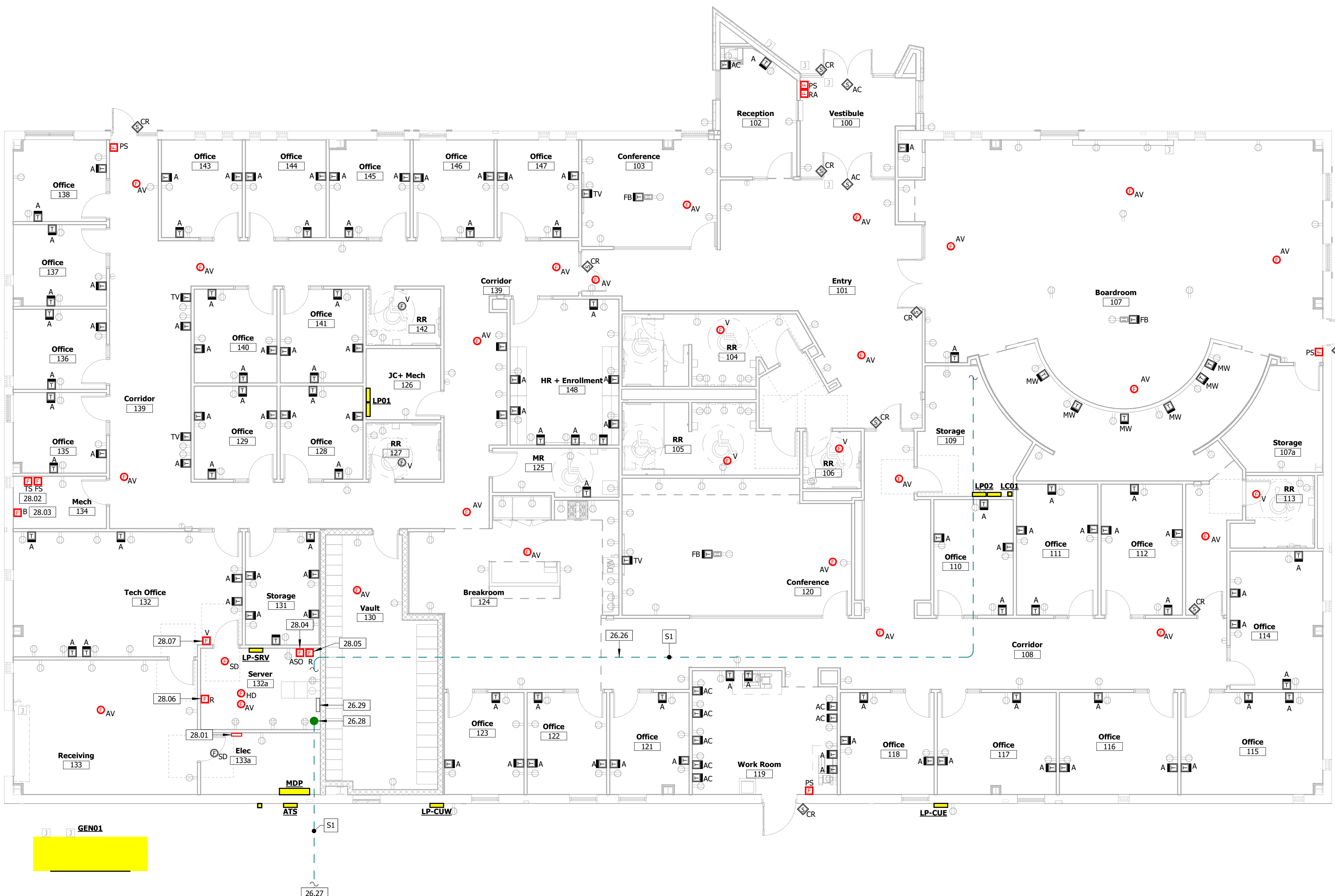
NOT TO SCALE



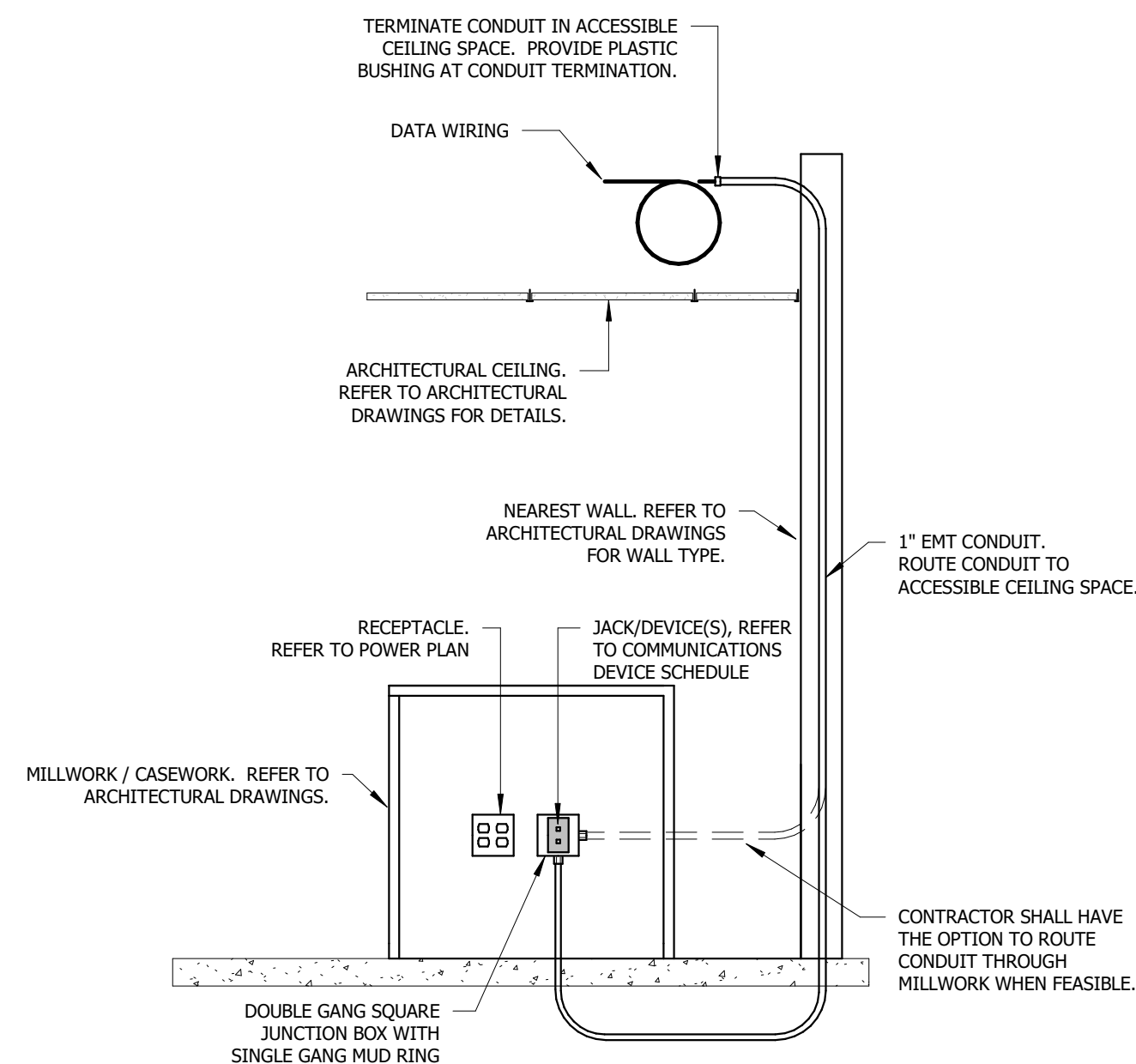
- NOTES:
1. THIS RISER IS DIAGRAMMATIC AND MY NOT SHOW ACTUAL ROUTING OR QUANTITIES OF MATERIALS. THIS RISER IS SHOWN FOR CLARIFICATION OF CONNECTION LOCATIONS AND CONDUCTOR TYPE. ALL CONNECTIONS AND SYSTEM DEVICES SHOWN ARE TYPICAL AND NOT REPRESENTATIVE OF ACTUAL PROJECT QUANTITIES. REFER TO FLOOR PLANS AND ENLARGED FLOOR PLANS FOR ACTUAL QUANTITIES AND LOCATION OF DEVICES AND MORE SPECIFIC ROUTING INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
  2. ALL CONDUCTORS IN THE TECHNOLOGY BONDING SYSTEM SHALL BE A MINIMUM SIZE OF 3/0 AWG PLENUM RATED COPPER WITH OUTER GREEN INSULATION. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
  3. ALL BONDING CONDUCTORS AND BONDING JUMPERS SHALL BE CONNECTED BY COMPRESSION LUGS, EXOTHERMIC WELDING, OR IRREVERSIBLE COMPRESSION CONNECTORS.

#### 2 TYPICAL TELECOM ROOM BONDING FLOW DIAGRAM

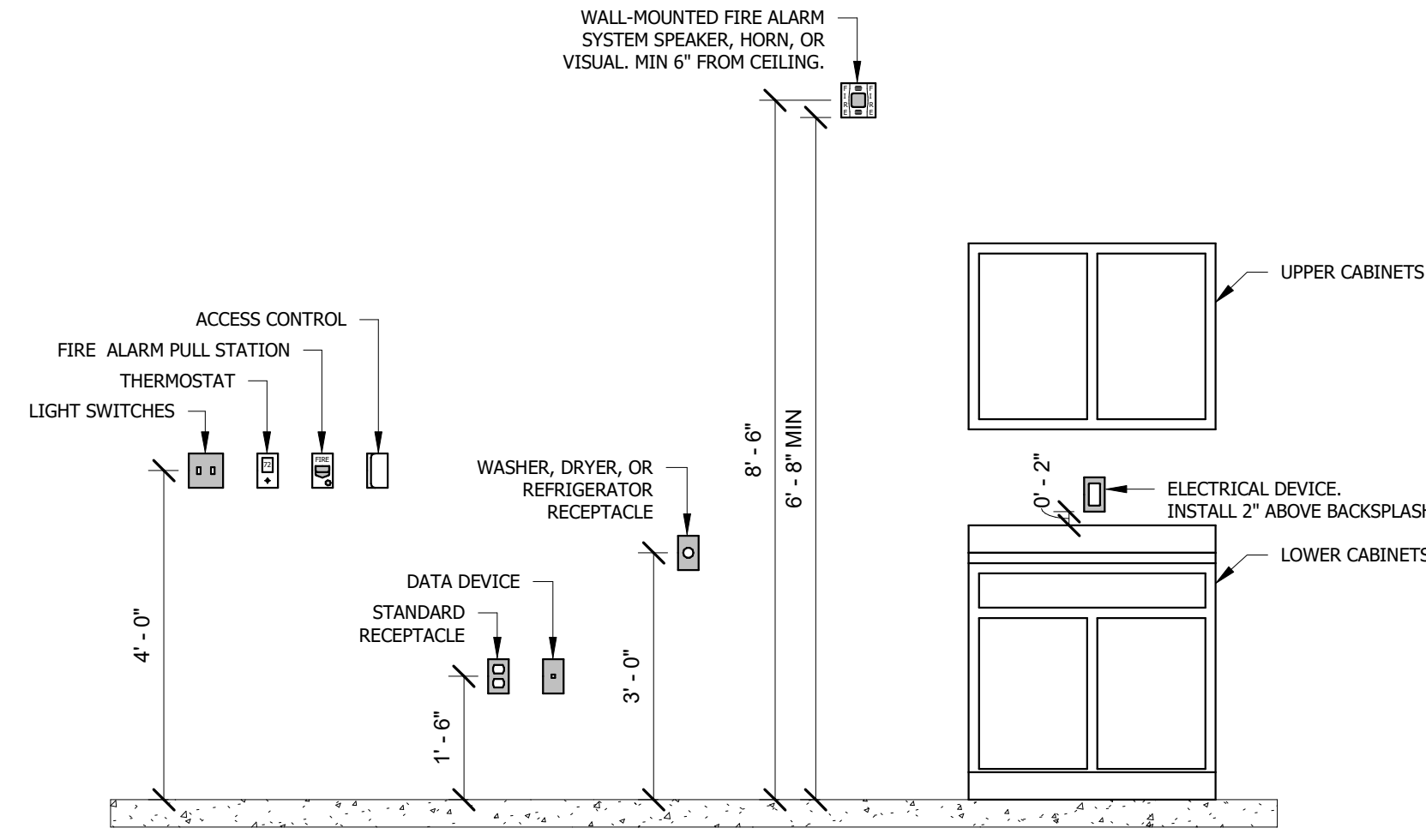
NOT TO SCALE



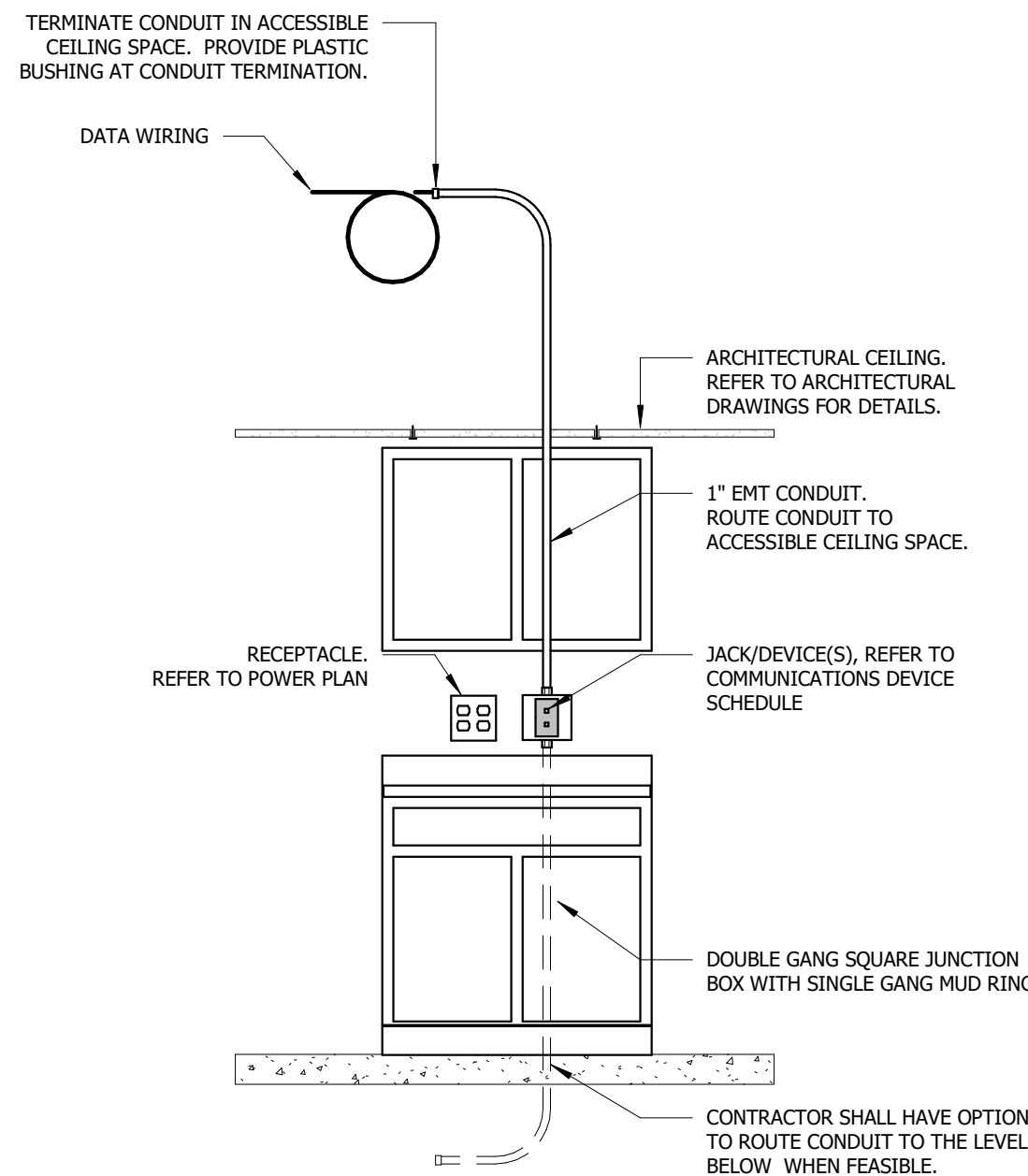




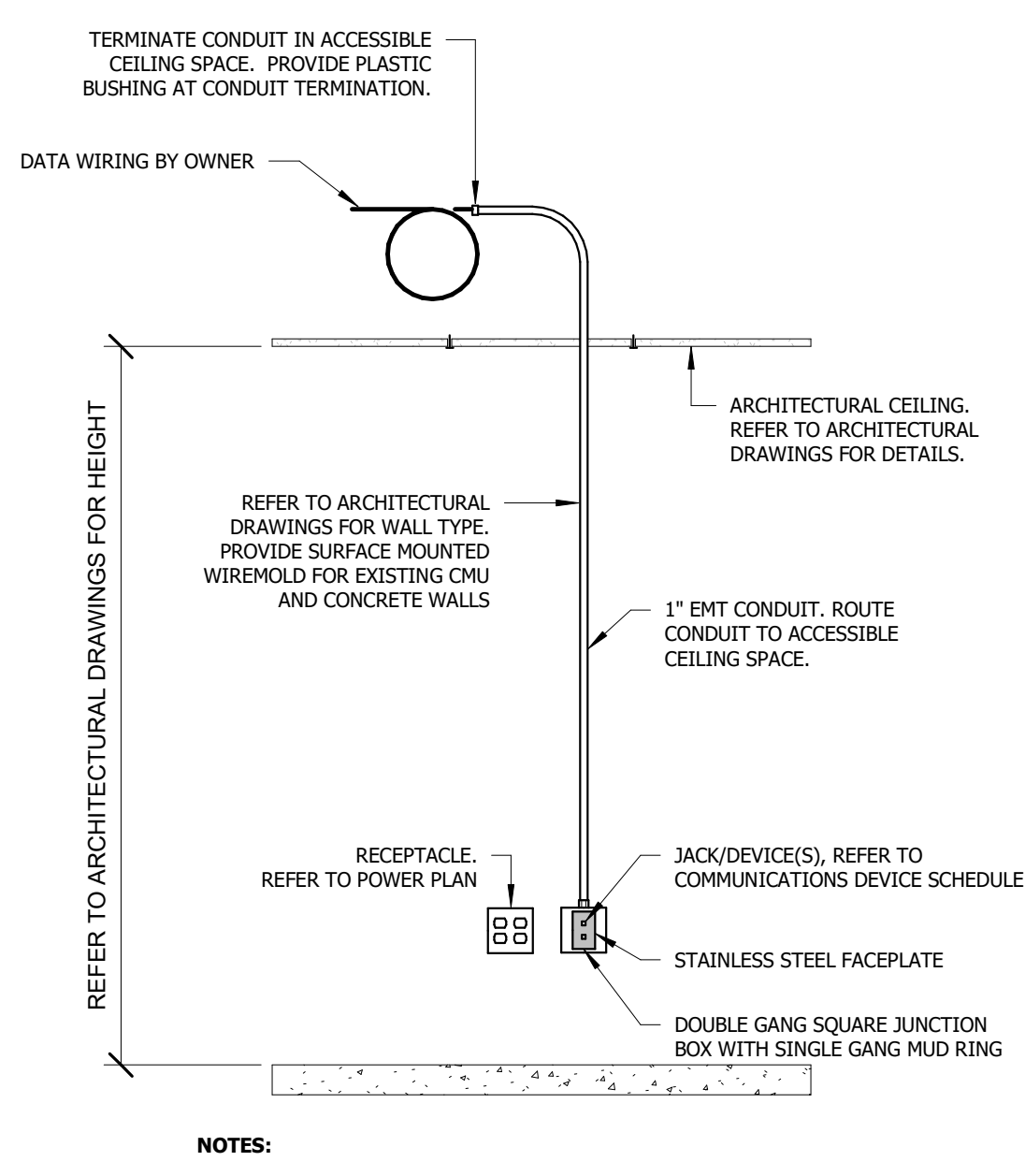
6 TELECOM "MW" OUTLET  
NOT TO SCALE



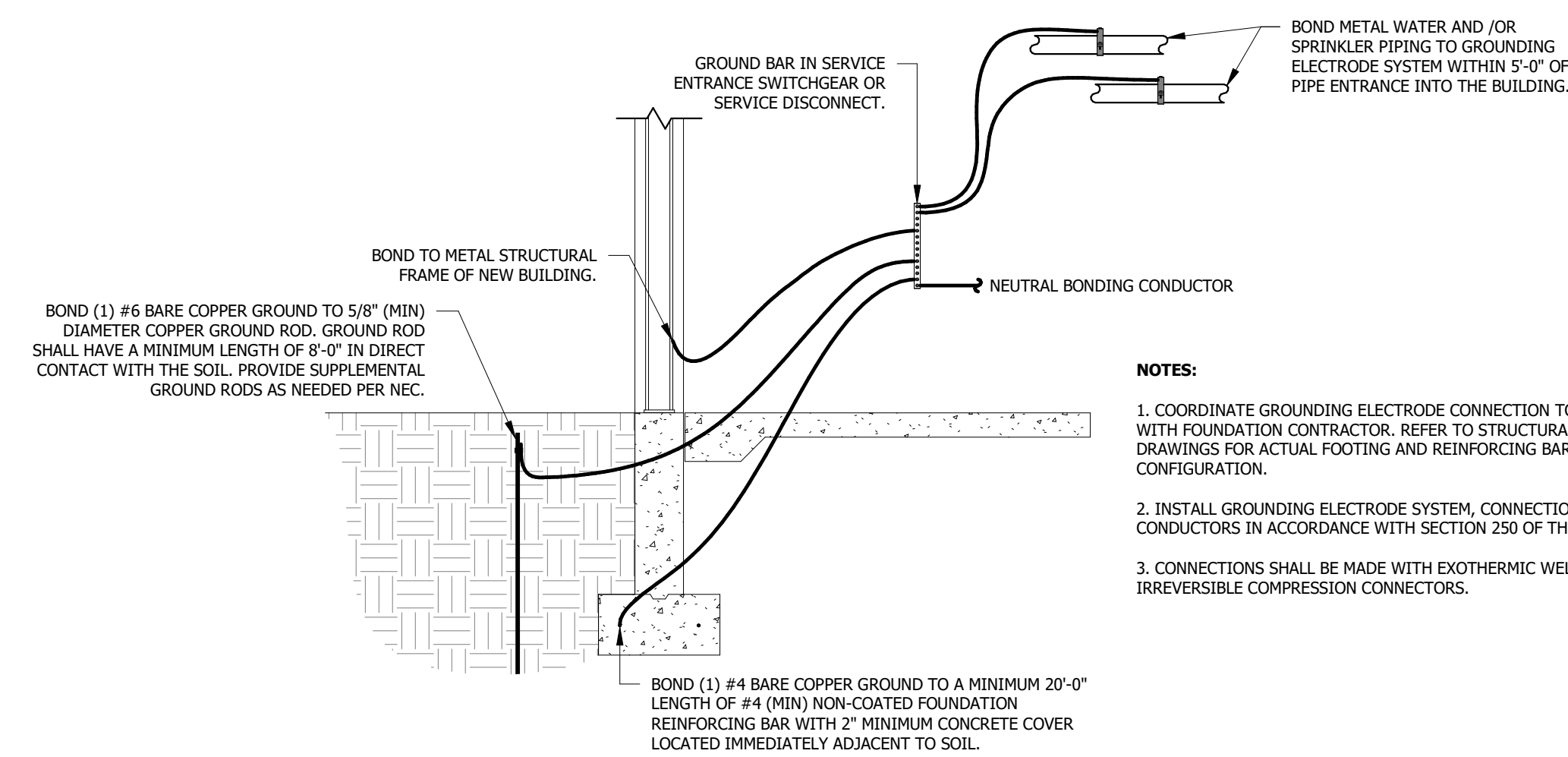
3 TYPICAL ELECTRICAL DEVICE MOUNTING HEIGHTS  
NOT TO SCALE



7 TELECOM "AC" OUTLET  
NOT TO SCALE



5 TELECOM "A" OUTLET  
NOT TO SCALE

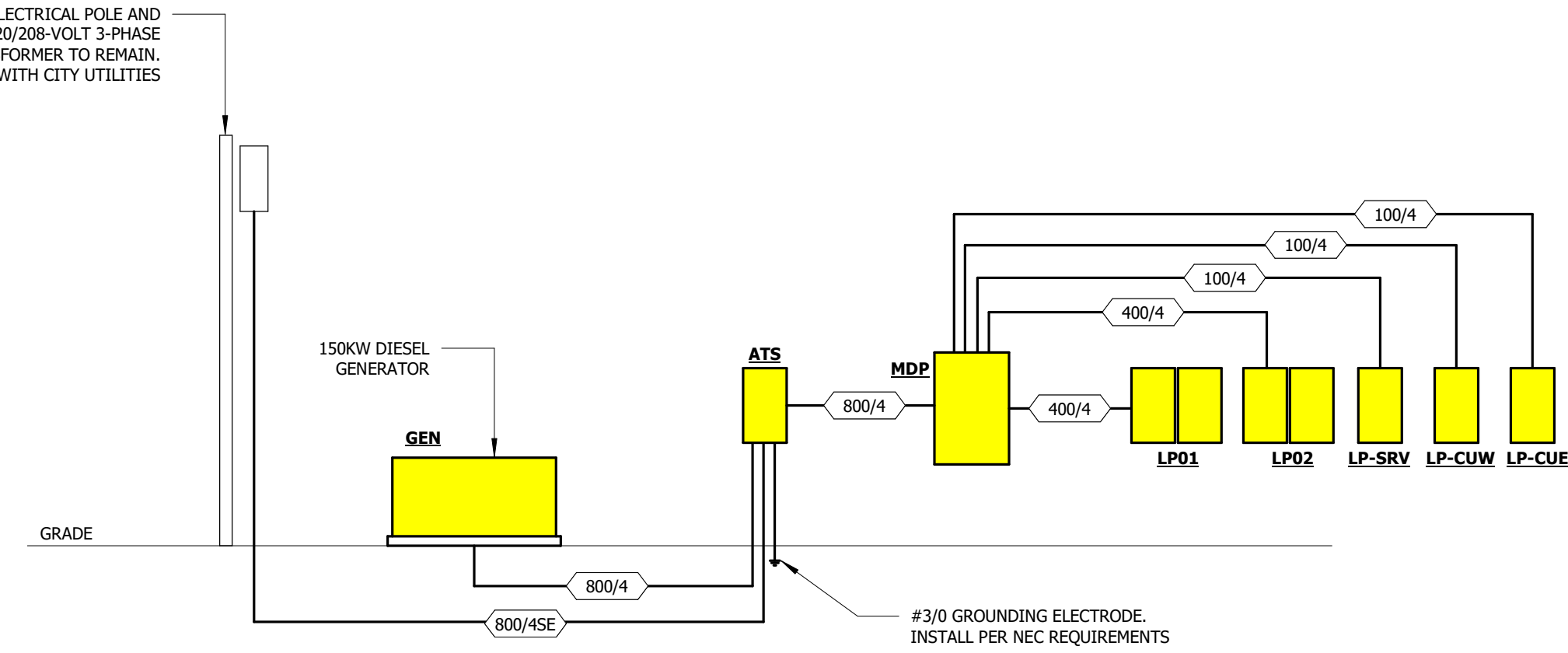


2 GROUNDING ELECTRODE  
NOT TO SCALE

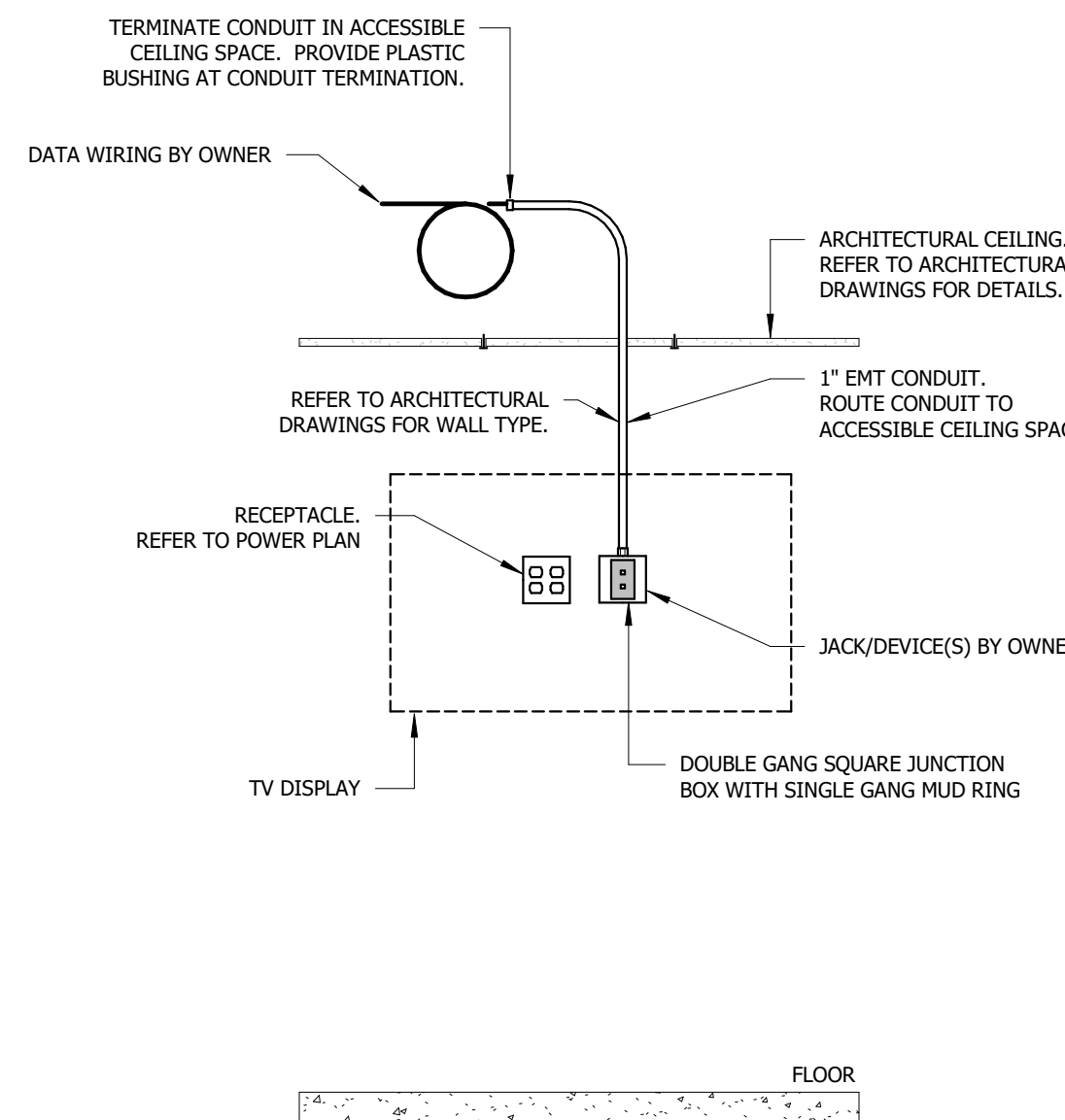
FAULT CURRENT NOTE:

- ASSUMPTIONS:
  - A. TRANSFORMER SIZE = 300kVA, 120/208-VOLT, THREE PHASE
  - B. IMPEDENCE = 3.7%
  - C. INFINITE PRIMARY AVAILABLE FAULT CURRENT.
  - D. LENGTH OF SECONDARY: 80 FT FROM TRANSFORMER TO MDP
- CONTRACTOR SHALL CONTACT ENGINEER IF MODIFICATIONS ARE MADE.
- MDP: IF NO MODIFICATIONS ARE MADE, PROVIDE A PERMANENT PLACARD AT SERVICE DISCONNECT OR MAIN CIRCUIT BREAKER. PLACARD SHALL READ "MAXIMUM AVAILABLE FAULT CURRENT: 18,158 AMPS, CALCULATED ON 04/19/2024"

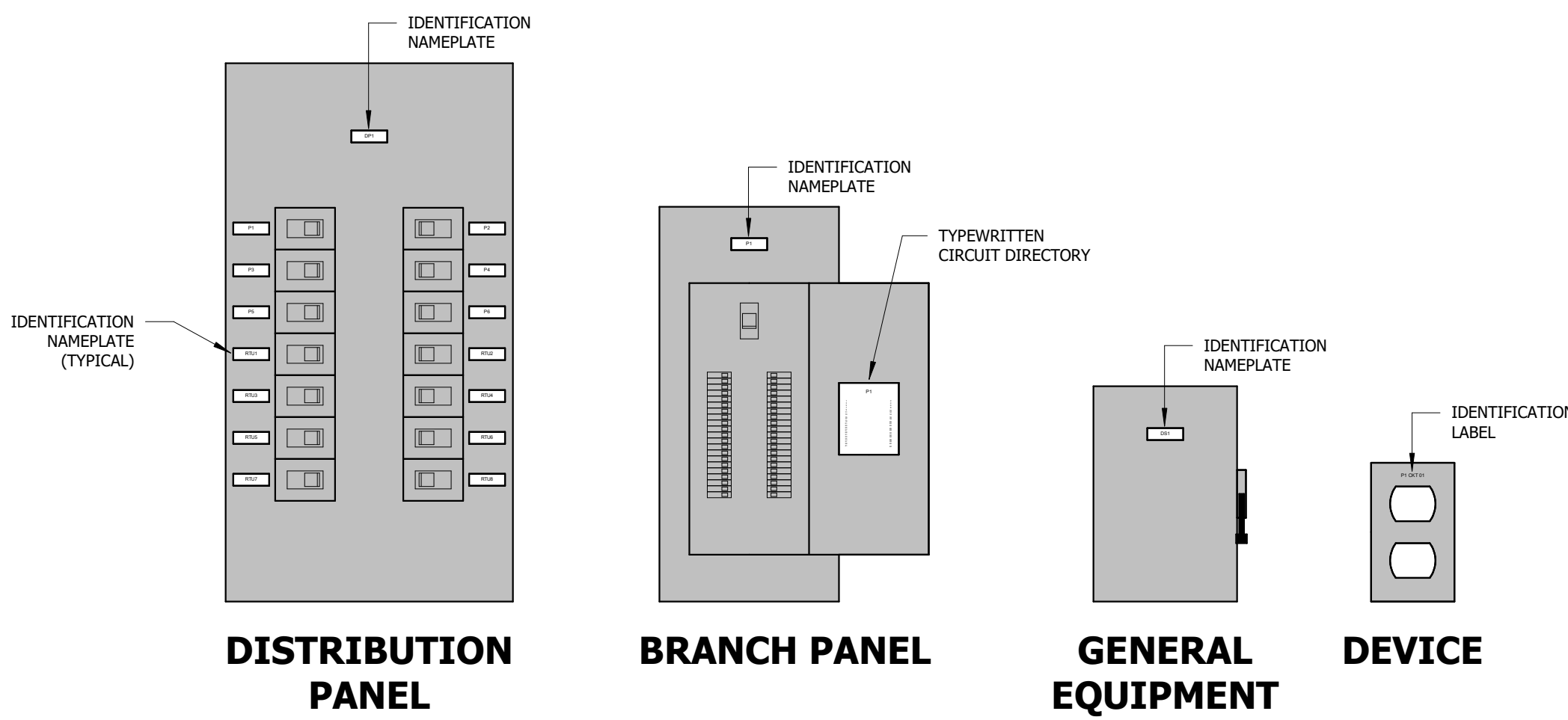
FEEDER SCHEDULE				
ALL CONDUCTORS SHALL BE COPPER PER SPECIFICATIONS				
FEEDER MARK	PARALLEL SETS	CURRENT CARRYING	CONDUCTORS	CONDUIT SIZE
100/4	1	(4) #3	(1) #8	1.25"
400/4	2	(4) #3/0	(1) #3	2.5"
800/4	3	(4) #300	(1) #1/0	3"
800/4SE	3	(4) #300	-	3"



1 ELECTRICAL RISER  
NOT TO SCALE



4 TELECOM "TV" OUTLET  
NOT TO SCALE



8 ELECTRICAL LABELING  
NOT TO SCALE

we design the future™  
1828 Walnut Street Suite 922  
Kansas City, MO 64108  
1.816.442.7700  
115 Wilcox Street Suite 210  
Castle Rock, CO 80104  
1.720.949.1689  
HOLLISANDMILLER.COM

Hollis + Miller Architects  
Missouri State Certificate of Authority  
Architecture # 0000161

MKEC Engineering, Inc.  
Civil Engineer / Landscape Architecture  
State Certificate of Authority #2001009364  
State Certificate of Authority #2006027139  
11827 W. 112th Street, Ste 200  
Overland Park, KS 66210  
913.317.9390 phone  
mkec.com

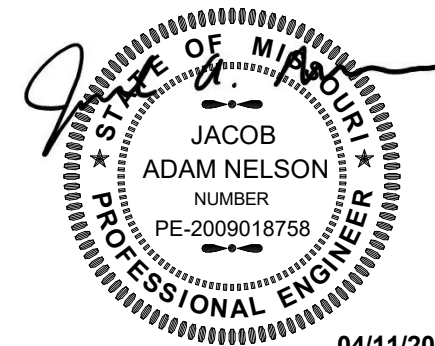
Stand Structural Engineering Inc.  
Structural Engineer  
State Certificate of Authority #F001321657  
8234 Robinson St  
Overland Park, KS, 66204  
913.214.2169 phone  
stand-sai.com

True Engineering Group LLC  
MEP Engineer  
State Certificate of Authority #E-2016000752  
1200 E Woodhurst Dr, Building P,  
Springfield, MO County, MO 65804  
417.708.7025 phone  
www.true-mep.com

Sedalia Central Office Relocation  
Sedalia School District 200  
1712 S Lafayette Ave  
Sedalia, MO 65301

REVISIONS:		
#	Description	Date

PROFESSIONAL SEAL  
JACOB A NELSON PE  
MO PE-2009018758



JOB NO: 23195  
DRAWN BY: VP  
CHECKED BY: JN  
DATE: 04/11/2025

E400



Branch Panel: LP-SRV															
Location: 132a - SERVER					Volts: 120/208 Wye					A.I.C. Rating: 22 KAIC					
Supply From: MDP					Phases: 3					Mains Type: HLO					
Mounting: SURFACE					Wires: 4					Mains Rating: 100 A					
Enclosure: NEMA 1										Model: NQ					
Panelboard Accessories:															
1. CONCEALED HINGE, 2. FLUSH LOCKS, 3. EQUIPMENT GROUND BAR, 4. REFER TO SPECS FOR BUS MATERIAL, 5. ISOLATED GROUND BAR															
CKT	CIRCUIT DESCRIPTION	TRIP	CB ACC	POLES	A		B		C		POLES	CB ACC	TRIP	CIRCUIT DESCRIPTION	CKT
1	132a - Server Receptacles	20 A		1	720 VA	6000 VA					2		50 A	Server Receptacle	2
3	132a - Server Receptacles	20 A		1		720 VA	6000 VA				--	--	--	--	4
5	132a - Server Receptacle	20 A		1					360 VA	331 VA	2	HACR	20 A	FTU10a/FTU10b	6
7	Spare	20 A	--	1	0 VA	331 VA					--	--	--	--	8
9	Spare	20 A	--	1			0 VA	0 VA			1	--	20 A	Spare	10
11	Spare	20 A	--	1					0 VA	0 VA	1	--	20 A	Spare	12
13	Spare	20 A	--	1	0 VA	0 VA					1	--	20 A	Spare	14
15	Spare	20 A	--	1			0 VA	0 VA			1	--	20 A	Spare	16
17	Spare	20 A	--	1					0 VA	0 VA	1	--	20 A	Spare	18
19	Spare	20 A	--	1	0 VA	0 VA					1	--	20 A	Spare	20
21	Spare	20 A	--	1			0 VA	0 VA			1	--	20 A	Spare	22
23	Spare	20 A	--	1					0 VA	0 VA	1	--	20 A	Spare	24
25	Spare	20 A	--	1	0 VA	0 VA					1	--	20 A	Spare	26
27	Spare	20 A	--	1			0 VA	0 VA			1	--	20 A	Spare	28
29	Spare	20 A	--	1					0 VA	0 VA	1	--	20 A	Spare	30
Total Load:					7051 VA		6720 VA		691 VA						
Total Amps:					66 A		64 A		6 A						
Legend:															
1. HACR = HACR RATED, 2. HLO = HAND LOCK-OFF, 3. GFCI = GROUND FAULT CIRCUIT INTERRUPTER, 4. AFCI = ARC FAULT CIRCUIT INTERRUPTER															
Load Classification				Connected Load		Demand Factor		Estimated Demand		Panel Totals					
HVAC				662 VA		100.00%		662 VA							
Receptacle				13800 VA		86.23%		11900 VA							
										Total Conn. Load: 14462 VA					
										Total Est. Demand: 12562 VA					
										Total Conn.: 40 A					
										Total Est. Demand: 35 A					
Notes:															

Distribution Panel: MDP														
Location: 133a - ELEC				Volts: 120/208 Wye				A.I.C. Rating: 65 kAIC						
Supply From: ATS				Phases: 3				Mains Type: MLO						
Mounting: SURFACE				Wires: 4				Mains Rating: 800 A						
Enclosure: NEMA 1								Model: I-Line						
Panelboard Accessories:														
1. CONCEALED HINGE, 2. FLUSH LOCKS, 3. EQUIPMENT GROUND BAR, 4. REFER TO SPECS FOR BUS MATERIAL, 5. PROVIDE 30" SPARE FUTURE CIRCUIT BREAKER SPACE, 6. PROVIDE REMOTE SURGE SUPPRESSION DEVICE, 7. PROVIDE FULLY 100% RATED MAIN CIRCUIT BREAKER, 8. SERVICE ENTRANCE RATED														
CKT	CIRCUIT DESCRIPTION				TRIP		ACCESSORIES		POLES		A	B	C	NOTES
1	LP01				400 A				3		25985 VA	30391 VA	29574 VA	
2	LP02				400 A				3		28035 VA	25375 VA	27417 VA	
3	LP-SRV				100 A				3		7051 VA	6720 VA	691 VA	
4	LP-CLW				100 A				3		9101 VA	4860 VA	7541 VA	
5	LP-CLC				100 A				3		9046 VA	7689 VA	7509 VA	
6	CRAC UNIT				100 A		HACR		3		9487 VA	9487 VA	9487 VA	
7	CONDENSING UNIT				20 A		HACR		3		721 VA	721 VA	721 VA	
8	HP10				45 A		HACR		3		3482 VA	3482 VA	3482 VA	
9														
10														
11														
12														
13														
14														
15														
Total Load:											92910 VA	88726 VA	86422 VA	
Total Amps:											777 A	742 A	720 A	
Legend:														
1. HACR = HACR RATED, 2. HLO = HAND LOCK-OFF, 3. GFCI = GROUND FAULT CIRCUIT INTERRUPTER, 4. EXISTING = EXISTING TO REMAIN														
Load Classification				Connected Load		Demand Factor		Estimated Demand		Panel Totals				
HVAC				180761 VA		100.00%		180761 VA						
Lighting				11230 VA		100.00%		11230 VA		Total Conn. Load: 268058 VA				
Other				0 VA		0.00%		0 VA		Total Est. Demand: 243658 VA				
Power				17267 VA		100.00%		17267 VA		Total Conn.: 744 A				
Receptacle				58800 VA		58.50%		34400 VA		Total Est. Demand: 676 A				
Notes:														

Branch Panel: LP02					Volts: 120/208 Wye				A.I.C. Rating: 22 kAIC						
Location: 109 - STORAGE					Phases: 3				Mains Type: MLO						
Supply From: MDP					Wires: 4				Mains Rating: 400 A						
Mounting: SURFACE									Model: NQ						
Enclosure: NEMA 1															
Panelboard Accessories:															
CONCEALED HINGE, 2 FLUSH LOCKS, 3. EQUIPMENT GROUND BAR, 4. REFER TO SPECS FOR BUS MATERIAL, 5. PROVIDE TWO SECTION PANEL															
CKT	CIRCUIT DESCRIPTION	TRIP	CB ACC	POLES	A		B		C		POLES	CB ACC	TRIP	CIRCUIT DESCRIPTION	CKT
1	121 - Office Receptacles	20 A		1	720 VA	180 VA					1		20 A	119 - Printer	2
3	119 - WorkRm Receptacles	20 A		1			540 VA	540 VA			1		20 A	119 - WorkRm Receptacles	4
5	119 - Printer	20 A		1			540 VA		180 VA	540 VA	1		20 A	119 - WorkRm Receptacles	6
7	118 - Office Receptacles	20 A		1	540 VA	540 VA					1		20 A	117 - Office Receptacles	8
9	116 - Office Receptacles	20 A		1			540 VA	540 VA			1		20 A	115 - Office Receptacles	10
11	114 - Office Receptacles	20 A		1					720 VA	720 VA	1		20 A	112 - Office Receptacles	12
13	111 - Office Receptacles	20 A		1	720 VA	720 VA					1		20 A	110 - Office Receptacles	14
15	107/113 - Receptacles	20 A		1			540 VA	720 VA			1		20 A	108 - Corridor Receptacles	16
17	108 - Corridor Receptacles	20 A		1					540 VA	900 VA	1		20 A	120 - Conference Receptacles	18
19	120 - Conference Receptacles	20 A		1	540 VA	180 VA					1		20 A	120 - Conference Floor Box	20
21	104 - RR Receptacles	20 A		1			1260 VA	360 VA			1		20 A	106 - RR Receptacles	22
23	105 - RR Receptacles	20 A		1					1080 VA	1080 VA	1		20 A	103 - Conference Receptacles	24
25	25 - Drinking Fountain	20 A	GFCCI	1	180 VA	180 VA					1		20 A	103 - Conference Floor Box	26
27	102 - Receptacles	20 A		1			540 VA	180 VA			1		20 A	102 - Receptacles	28
29	100/101 - Receptacles	20 A		1					720 VA	720 VA	1		20 A	101 - Entry Receptacles	30
31	107/109 - Receptacles	20 A		1	540 VA	540 VA					1		20 A	109 - Storage Receptacles	32
33	107 - BoardRm Receptacles	20 A		1			540 VA	360 VA			1		20 A	AV RM - Receptacle	34
35	107 - BoardRm Receptacles	20 A		1					900 VA	500 VA	1		20 A	107 - Motorized Screen	36
37	107 - Projector	20 A		1	180 VA	360 VA					1		20 A	107 - BoardRm TVs	38
39	107 - BoardRm Floor Box	20 A		1			180 VA	360 VA			1		20 A	107 - BoardRm Receptacles	40
41	107 - BoardRm Receptacles	20 A		1					360 VA	360 VA	1		20 A	107 - BoardRm Receptacles	42
43	North - Exterior Receptacles	20 A		1	360 VA	1000 VA					1		20 A	ADA Doors	44
45	North - Lighting	20 A		1			1573 VA	1571 VA			1		20 A	East - Lighting	46
47	BoardRm - Lighting	20 A		1					958 VA	1422 VA	1		20 A	BoardRm - Lighting	48
49	Exterior - Lighting	20 A		1	296 VA	1019 VA					1		20 A	SE - Lighting	50
51	Exterior - Lighting	20 A		1			387 VA	5096 VA			2	HACR	50 A	AHJ06	52
53	Parking Lot Lighting	30 A							428 VA	5096 VA	--	--	--	--	54
55	EXT-AHJ07	50 A	HACR	2	5096 VA	3952 VA					2	HACR	40 A	AHJ08	56
57	--	--	--	--			5096 VA	3952 VA			--	--	--	--	58
59	EXT-AHJ09a	50 A	HACR	2					5096 VA	5096 VA	2	HACR	50 A	EXT-AHJ09b	60
61	--	--	--	--	5096 VA	5096 VA					--	--	--	--	62
63	Exterior Signage Power	20 A		1			500 VA	0 VA			1	--	20 A	Spare	64
65	Spare	20 A	--	1					0 VA	0 VA	1	--	20 A	Spare	66
67	Spare	20 A	--	1	0 VA	0 VA					1	--	20 A	Spare	68
69	Spare	20 A	--	1			0 VA	0 VA			1	--	20 A	Spare	70
71	Spare	20 A	--	1					0 VA	0 VA	1	--	20 A	Spare	72
73	Spare	20 A	--	1	0 VA	0 VA					1	--	20 A	Spare	74
75	Spare	20 A	--	1			0 VA	0 VA			1	--	20 A	Spare	76
77	Spare	20 A	--	1					0 VA	0 VA	1	--	20 A	Spare	78
79	Spare	20 A	--	1	0 VA	0 VA					1	--	20 A	Spare	80
81	Spare	20 A	--	1			0 VA	0 VA			1	--	20 A	Spare	82
83	Spare	20 A	--	1					0 VA	0 VA	1	--	20 A	Spare	84
Total Load:					28035 VA		25375 VA		27417 VA						
Total Amps:					236 A		211 A		231 A						
Legend: HCR = HACR RATED, 2. HLO = HAND LOCK-OFF, 3. GFCCI = GROUND FAULT CIRCUIT INTERRUPTER, 4. AFCCI = ARC FAULT CIRCUIT INTERRUPTER															
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals							
HVAC		48672 VA		100.00%		48672 VA									
Lighting		7655 VA		100.00%		7655 VA		Total Conn. Load: 50827 VA							
Other		0 VA		0.00%		0 VA		Total Est. Demand: 74577 VA							
Power		2000 VA		100.00%		2000 VA		Total Conn.: 224 A							
Receptacle		22500 VA		72.22%		16250 VA		Total Est. Demand: 107 A							
Notes:															



Page	Title
TA0	General Notes
TA101	Overall Floor Plan
TA201	Boardroom RCP
TA301	Elevations
TA401	Enlarged Plans
TA701	Diagrams

### 1 Table of Contents

Scale: NTS

Wire Type ID	Application	Signal Type (M/Mic or L/L)Line	Manufacturer	Riser Part #	Plenum Part #	Outdoor Part #	Description
0	Audio			9451	9451P	West Penn AQ291	1P 22AWG, Shielded
				6200UE	West Penn AQ225	1P 16AWG, Unshielded	
				6100UE	West Penn AQ226	1P 14AWG, Unshielded	
1	Speaker	(S)Speaker	Belden	5000UE	6000UE	West Penn AQ227	1P 12AWG, Unshielded
				5100UP	6100UP	1P 10AWG, Unshielded	
2	Antenna	(A)Antenna		812	25812		RG-58 20AWG, 50Ω
				807X	Belden 9258		RG-8X 16AWG, 50Ω
				810	25810		RG-213 13AWG, 50Ω
				841	25841	AQC841	RG-6 18AWG, 75Ω
3			West Penn Wire	821	25821	Belden 1525A	RG-11 14AWG, 75Ω
				819	25819	AQC819	RG-59 20AWG, 75Ω
4	Digital Video	(V)Video		6350	256350		RG-6 18AWG, 75Ω
				821	25821	Belden 1525A	RG-11 14AWG, 75Ω
5	Analog Video			819	25819	AQC819	RG-59 20AWG, 75Ω
				1395R	1395P		5C 25AWG, Unshielded
6			Belden		B9C039T		6 OM3-50-10G RSR I/O DIST BLK
					B9W039T		6F OS2 OPNR TB
7	Data	(D)Data		1392A	1392P		1P 22AWG(S), 1P 18AWG(U)
8				2412	2413		4P 23AWG, U/UTP
9				2412F	2413F		4P 23AWG, F/UTP

### 2 Cable Schedule

Scale: NTS

### TYP. OF ALL SHEETS

#### ABBREVIATION DEFINITION

A ANTENNA  
AP ACCESS POINT  
C CEILING SPEAKER  
CAM CAMERA  
CB CEILING BOX  
CP CONTROL PANEL  
ER EQUIPMENT RACK  
FB FLOOR BOX  
FP FLAT PANEL DISPLAY  
JB JUNCTION BOX  
L POINT-SOURCE SPEAKER  
MIC MICROPHONE  
P PENDANT SPEAKER  
PJ PROJECTOR  
S SURFACE-MOUNT SPEAKER  
SCN PROJECTION SCREEN  
SUB SUBWOOFER  
TB TABLE BOX  
TD TOUCHSCREEN DISPLAY  
WP WALL PLATE/PANEL  
WT WIRELESS TRANSCEIVER

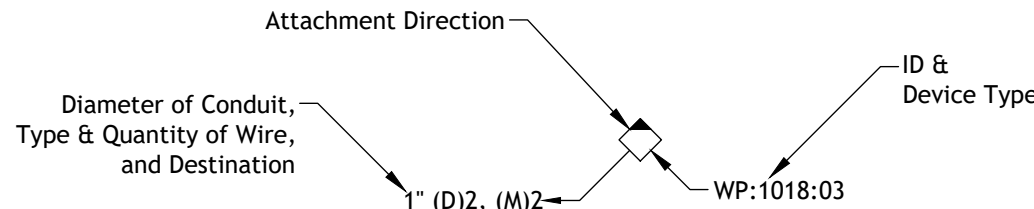
### TYP. OF SINGLE LINE DIAGRAMS

#### ABBREVIATION DEFINITION

DA DISTRIBUTION AMPLIFIER  
DSP DIGITAL SIGNAL PROCESSOR  
DM DIGITAL MEDIA ENDPOINT  
HAS HEARING ASSISTANCE SYSTEM  
IO I/O EXPANSION DEVICE  
MP MEDIA PLAYBACK SOURCE  
MS MATRIX SWITCHER  
MX MIXING CONSOLE  
NAD NETWORKED AUDIO DEVICE  
NS NETWORK SWITCH  
NV NETWORK VIDEO ENDPOINT  
PA POWER AMP  
PD POWER DISTRIBUTION  
P PATCH PANEL  
RP RACK PANEL  
UPS UNINTERRUPTIBLE POWER SUPPLY  
VC VOLUME CONTROL  
WMR WIRELESS MIC RECEIVER  
UX USB EXTENDER

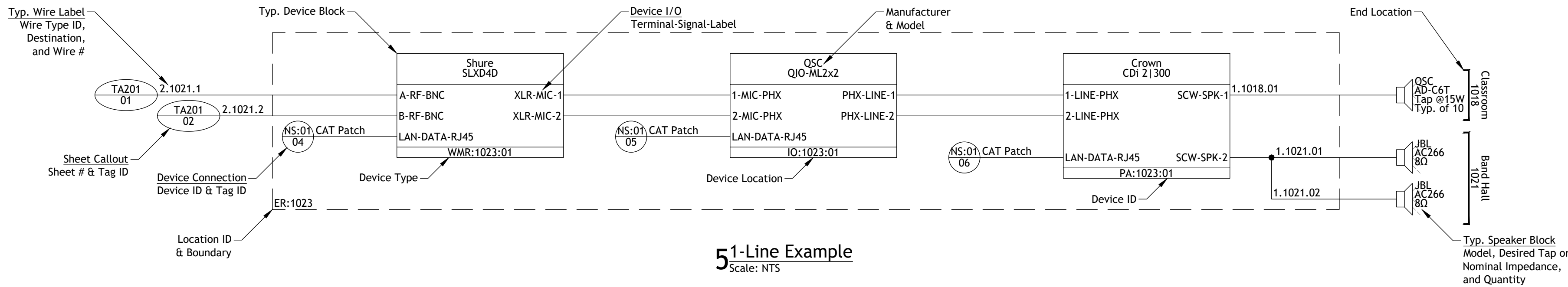
### 3 Glossary of Terms

Scale: NTS



### 4 Notations Examples

Scale: NTS



### 5 1-Line Example

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	Group 1	Group 2	Group 3	Group 4
Group 1	Adjacent	6"	12"	12"
Group 2	6"	Adjacent	12"	6"
Group 3	12"	12"	Adjacent	6"
Group 4	12"	6"	6"	Adjacent
Controlled Lighting	24"	12"	6"	12"
Relay Controlled Devices	36"	12"	6"	6"
220/440 Feeder Circuits	72"	72"	60"	72"
Other(Plumbing, Heating, Etc.)	12"	12"	6"	12"

Group 1 - Microphone (0-100mV)  
Group 2 - Line Level (100mV to 15V)  
Group 3 - Loudspeaker and Control (10V to 75V)  
Group 4 - Video and Digital

\*Double all distances if PVC conduit is used.

### 6 Conduit Separation Chart

Scale: NTS

### ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:

- Supply & installation of all high-voltage terminations, cabling, and infrastructure unless otherwise noted. Including, but not limited to:
  - Receptacles and hard-wired circuits.
  - Audio-visual contractor supplied high-voltage equipment.
  - Conduit
  - 1.3.1. Pull String and Lubricant
  - 1.4. Junction Boxes
- Cleaning of installed equipment after installation is complete, prior to system commissioning.

### GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING:

- Backing for wall mounted flat panel locations as detailed in this print set.
  - 3/4" plywood spanned between wall studs unless otherwise specified.
- All millwork unless otherwise noted. This includes but is not limited to:
  - Speaker enclosures
  - Half-height walls
  - Countertops

### 7 Division of Responsibilities

Scale: NTS

### 1. RECOMMENDED CONDUIT:

- 1.1. Above slab - EMT
- 1.2. Under slab - Rigid Galvanized Steel with Waterproof Seals
- 1.3. PVC conduit is not recommended. If PVC conduit must be used, it must be approved by the AV consultant and the venue owner. Furthermore, the AV consultant can not guarantee the integrity of any signal being carried through PVC conduit.

### 2. CONDUIT INSTALLATION GUIDELINES:

- 2.1. Conduit shall be sized for no more than 40% fill. The minimum conduit size is 3/4".
- 2.2. The Electrical Contractor is required to leave pull strings in all conduit.
- 2.3. Low-voltage and high-voltage conduit may never run parallel.
- 2.4. Multiple signal types may neither be carried in the same conduit or terminate in the same pull box unless otherwise noted.
- 2.5. Conduit carrying multiple signal types may only cross at 90°.
- 2.6. A wire raceway may only be utilized if no wiring in excess of 75 volts is present and metal dividers are used to separate signal types.
- 2.7. Refer to conduit separation chart for detailed signal type information.

### 3. LOW VOLTAGE WIRING

- 3.1. Abide by AES 14-1992 (1998) for all xlr wiring: Pin-1 Shield, Pin-2 Positive, Pin-3 Negative.
- 3.2. Ensure there is sufficient cable available at termination locations. Abide by the following:
  - 3.2.1. Pull boxes used for distribution & splices (i.e. low voltage terminal block panel) - 6'-0" minimum
  - 3.2.2. Mix positions - 20'-0" minimum
  - 3.2.3. Equipment racks - 25'-0"
  - 3.2.4. Standard junction boxes (i.e. floor boxes, wall plates, etc.) - 2'-0" minimum.
- 3.3. Cable bend radius may not exceed 10 times the cable diameter, or the manufacturer's recommendation.
- 3.4. All low-voltage wiring must be numbered in accordance with the system schematic. If no wire number is provided on the system schematic, a number shall be assigned. Field added wire numbers shall coincide with current numbering scheme as well as pre-determined cable type numbers on the wire type schedule.

### 4. EQUIPMENT RACKS:

- 4.1. The venue owner is responsible for keeping the temperature below 75°f and the relative humidity below 65% in any area containing AV equipment.
- 4.2. 36" clearance must be maintained on at least 3 sides of the equipment rack.
- 4.3. No high-voltage panel may be located within 36" of the equipment rack.
- 4.4. Accessibility to front and back of equipment racks must be maintained at all times.

### 8 General Notes

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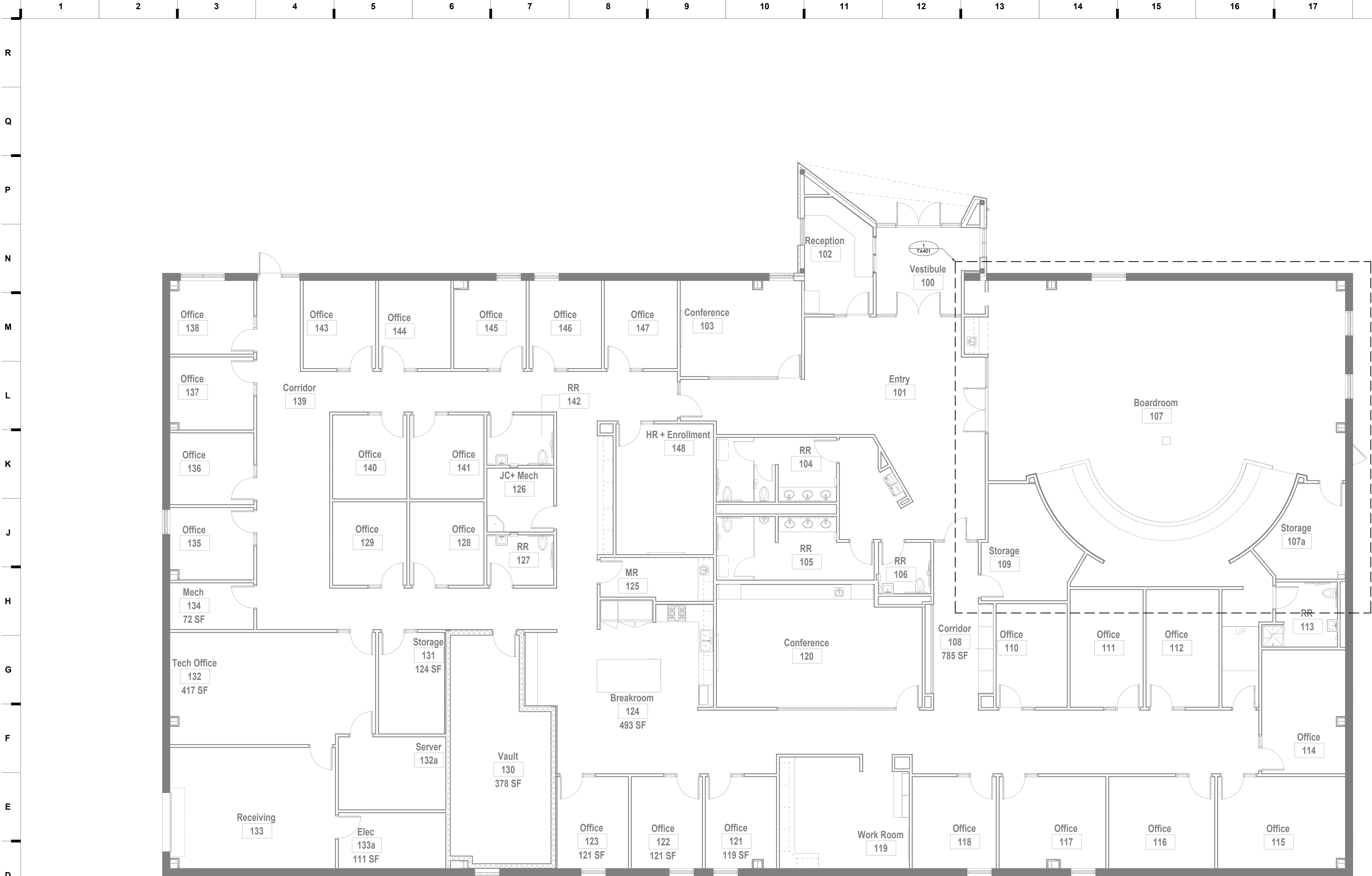
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# TA0

General Notes





Overall Floor Plan  
Scale: 3/16" = 1'-0"

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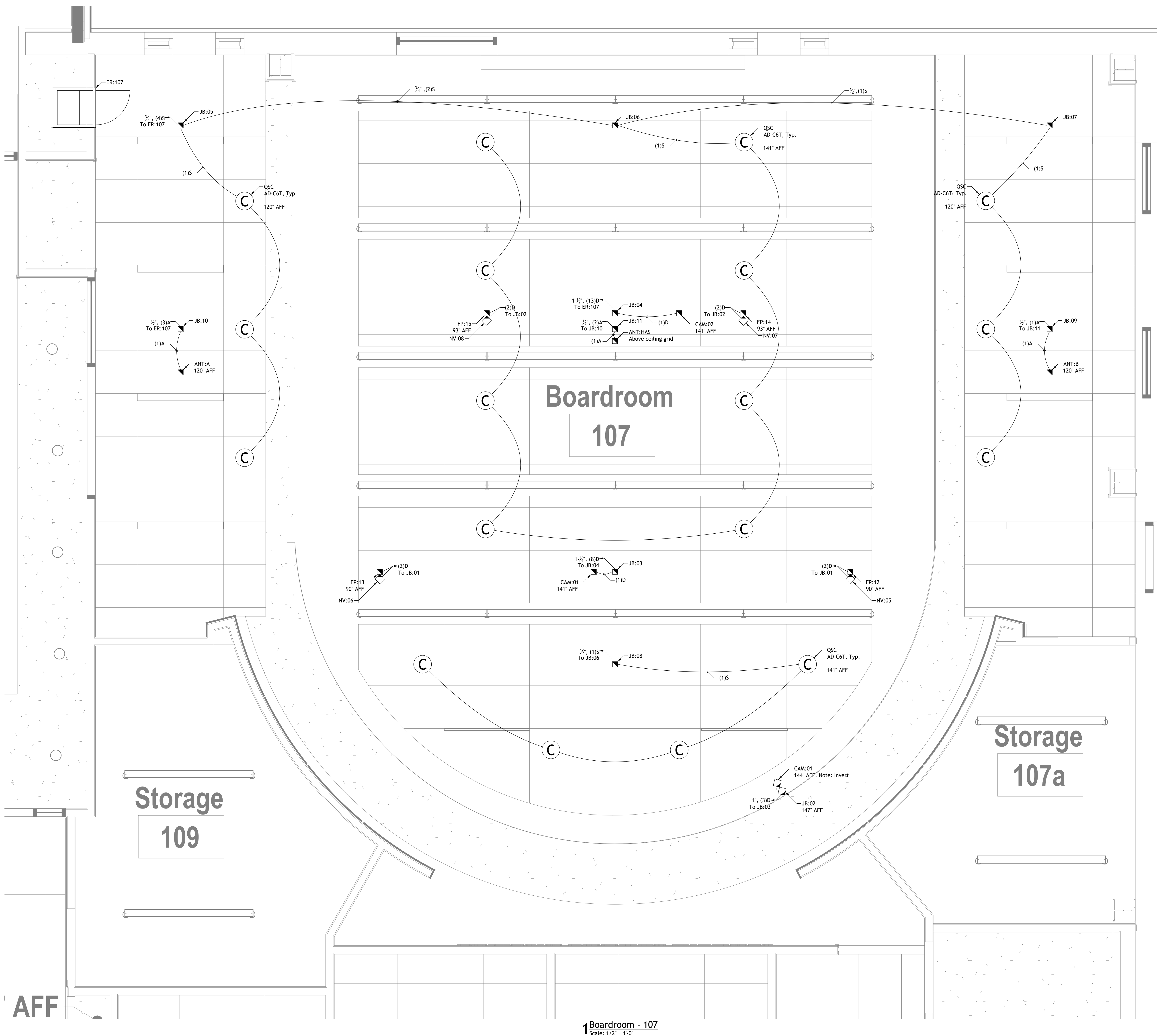


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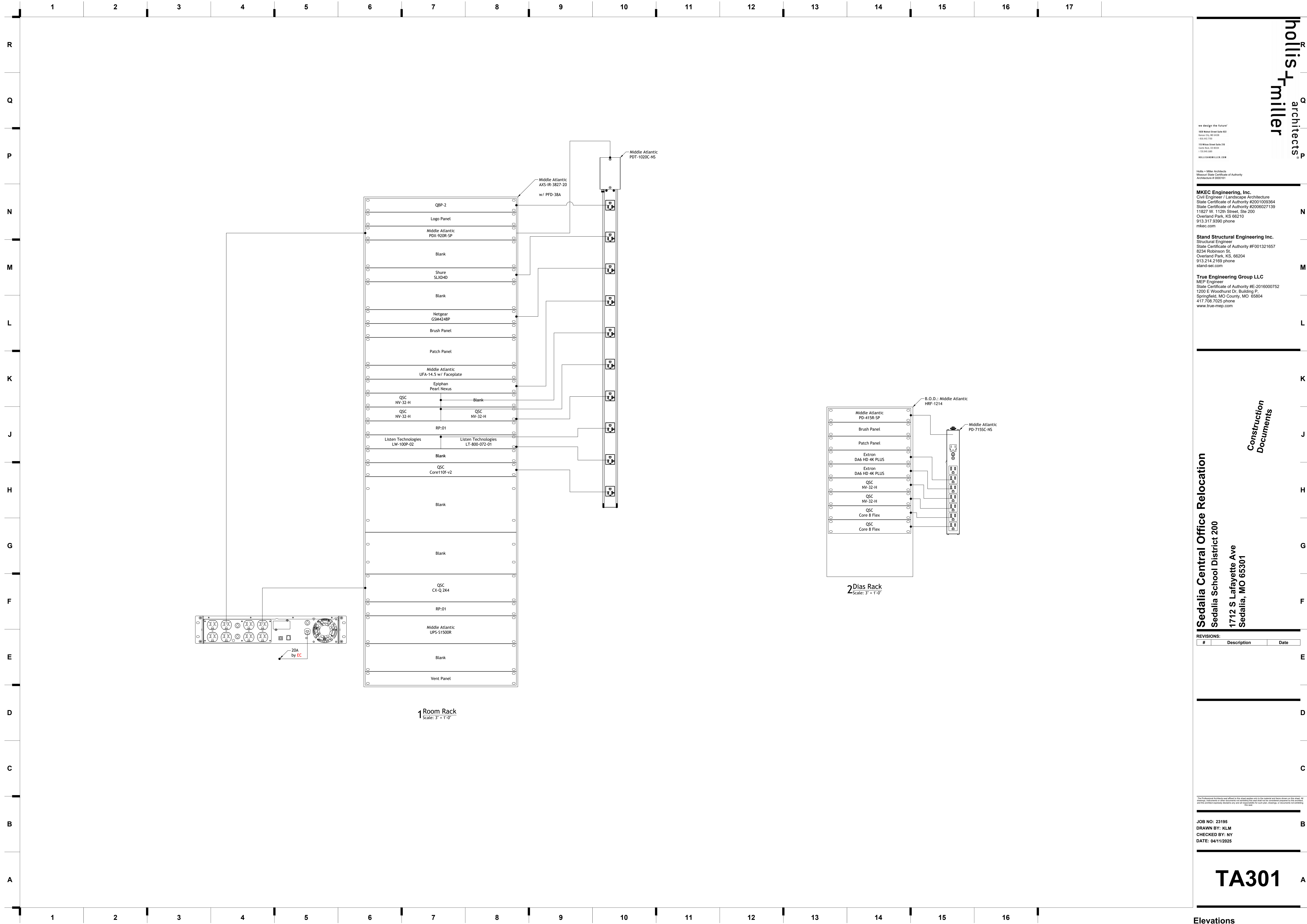
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## Boardroom RCP







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TA301

Elevations



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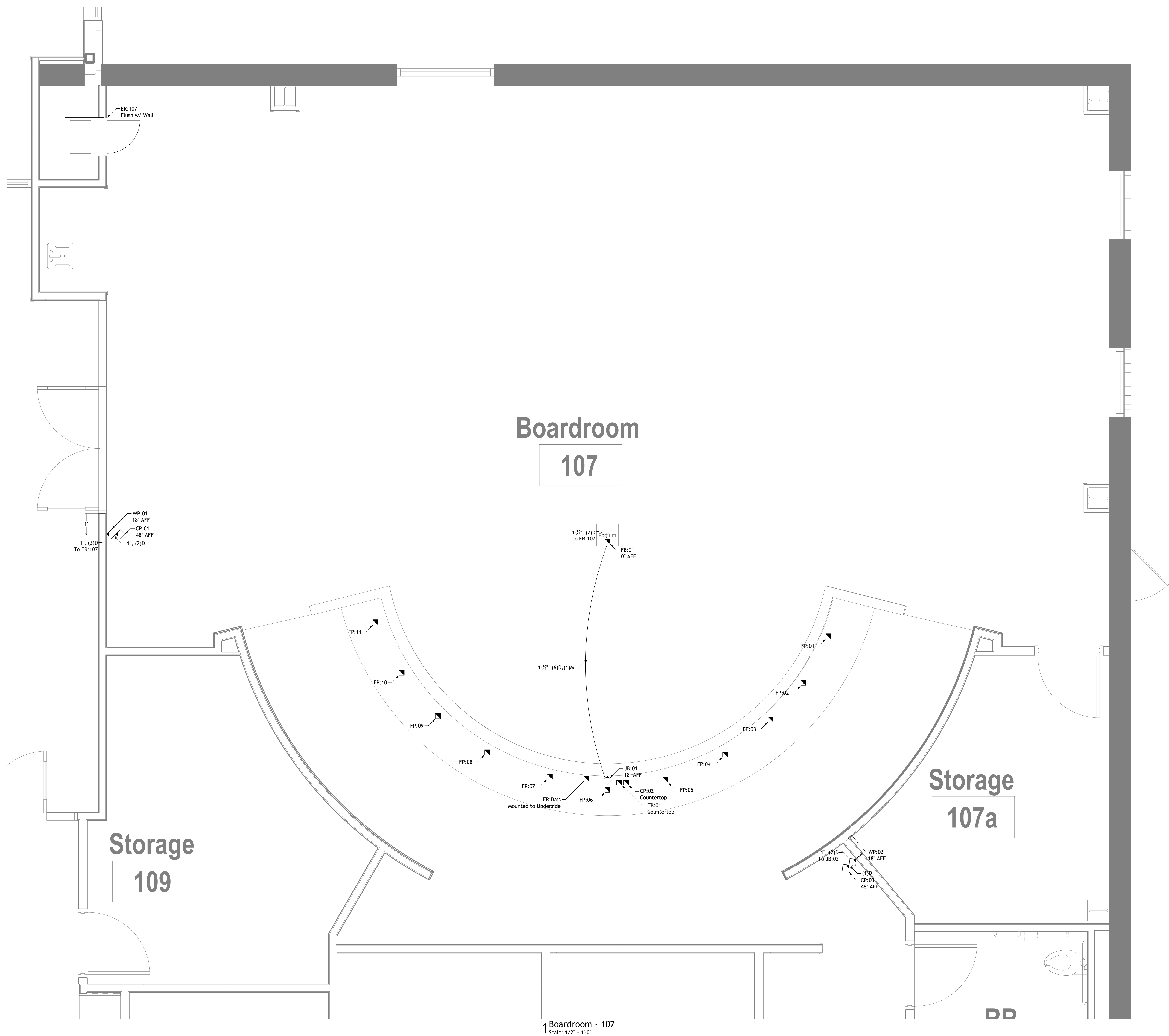
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# TA401





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Box Schedule								
Box Name	Description	Size	Mounting Style	Mounting Height	Back Box By	Cover By	Cover Type	Notes
TB-01	Extron SMB 111	1-Gang	Surface	Desktop	AV	AV	Custom	HDMI "Laptop", USB "Conf."
FB-01	Hubbell Floorbox	Min. 4-Gang	Recessed	0" AFF	EC	EC	Architect's Choice	Trades to coordinate inserts
JB-01	NEMA Type 1	NEMA 04X04X04	Flush	18" AFF	EC	AV	Grommet	-
JB-02	NEMA Type 1	2-Gang	Flush	147" AFF	EC	AV	Grommet	CAM-01
JB-03	NEMA Type 1	NEMA 04X04X04	Surface	-	EC	AV	-	-
JB-04	NEMA Type 1	NEMA 04X04X04	Surface	-	EC	AV	-	-
JB-05	NEMA Type 1	NEMA 04X04X04	Surface	-	EC	AV	-	-
JB-06	NEMA Type 1	NEMA 04X04X04	Surface	-	EC	AV	-	-
JB-07	NEMA Type 1	NEMA 04X04X04	Surface	-	EC	AV	-	-
JB-08	NEMA Type 1	NEMA 04X04X04	Surface	-	EC	AV	-	-
JB-09	NEMA Type 1	NEMA 04X04X04	Surface	-	EC	AV	-	-
JB-10	NEMA Type 1	NEMA 04X04X04	Surface	-	EC	AV	-	-
JB-11	NEMA Type 1	NEMA 04X04X04	Surface	-	EC	AV	-	-
WP-01	NEMA Type 1	3-Gang	Flush	18" AFF	EC	AV	Device	NAD-01, DM-01
WP-02	NEMA Type 1	1-Gang	Flush	18" AFF	EC	AV	Device	DM-02
CP-01	NEMA Type 1	2-Gang	Flush	48" AFF	EC	AV	Device	QSC TSC-70-G3
CP-03	NEMA Type 1	2-Gang	Flush	48" AFF	EC	AV	Device	QSC TSC-70-G3

1Box Schedule  
Scale: NTS

Display Schedule							
Display Name	Model	Size	Mounting Height	Mounting Type	Mount Model	Mount By	Notes
FP-01	NEC E224FL	22"	Desktop	-	-	AV	
FP-02	NEC E224FL	22"	Desktop	-	-	AV	
FP-03	NEC E224FL	22"	Desktop	-	-	AV	
FP-04	NEC E224FL	22"	Desktop	-	-	AV	
FP-05	NEC E224FL	22"	Desktop	-	-	AV	
FP-06	NEC E224FL	22"	Desktop	-	-	AV	
FP-07	NEC E224FL	22"	Desktop	-	-	AV	
FP-08	NEC E224FL	22"	Desktop	-	-	AV	
FP-09	NEC E224FL	22"	Desktop	-	-	AV	
FP-10	NEC E224FL	22"	Desktop	-	-	AV	
FP-11	NEC E224FL	22"	Desktop	-	-	AV	
FP-12	NEC M7S1	75"	90" AFF	Ceiling	Chief LCM1U	AV	
FP-13	NEC M7S1	75"	90" AFF	Ceiling	Chief LCM1U	AV	
FP-14	NEC M6S1	65"	93" AFF	Ceiling	Chief LCM1U	AV	
FP-15	NEC M6S1	65"	93" AFF	Ceiling	Chief LCM1U	AV	

2Display Schedule  
Scale: NTS

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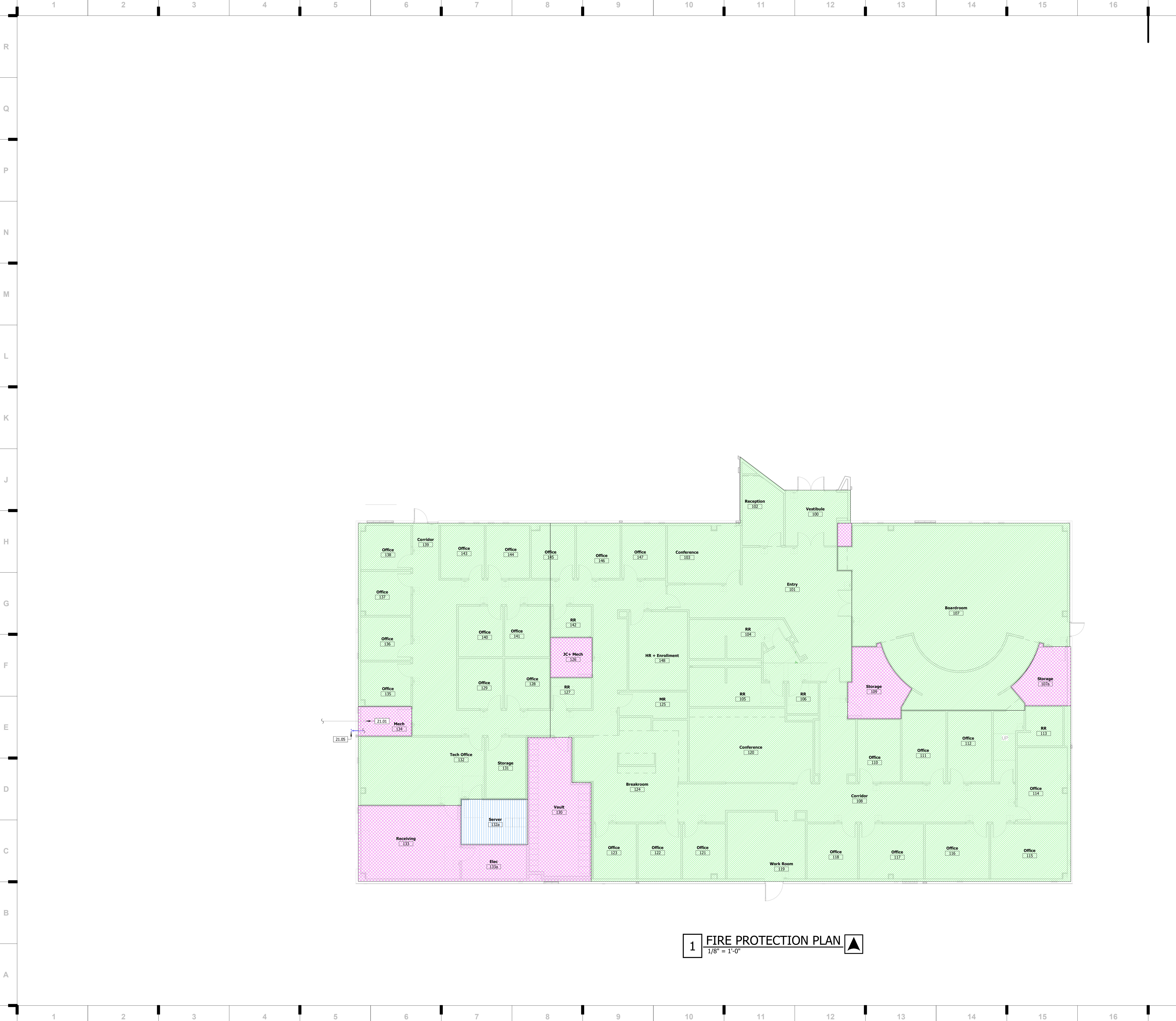
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KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
21.01	EXISTING FIRE SPRINKLER SERVICE UP.
21.05	LOCATION OF FIRE DEPARTMENT CONNECTION, CONFIRM WITH THE AUTHORITY HAVING JURISDICTION.

FIRE PROTECTION HAZARD CLASSIFICATION LEGEND		
	LIGHT HAZARD	
	ORDINARY HAZARD (GROUP 1)	
	CLEAN AGENT SYSTEM	

1 FIRE PROTECTION PLAN  
1/8" = 1'-0"

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