



GREENVILLE – BLDG. 103 BOOKSTORE EXPANSION

GREENVILLE TECHNICAL COLLEGE /
506 S PLEASANTBURG DR. GREENVILLE SC, 29607

AGRE 200029

OSE # H59-N046-PD

PROJECT TEAM

GOODWYN MILLS & CAWOOD

ARCHITECTURE, INTERIORS

PERITUS ENGINEERING

MECHANICAL & PLUMBING ENGINEERING

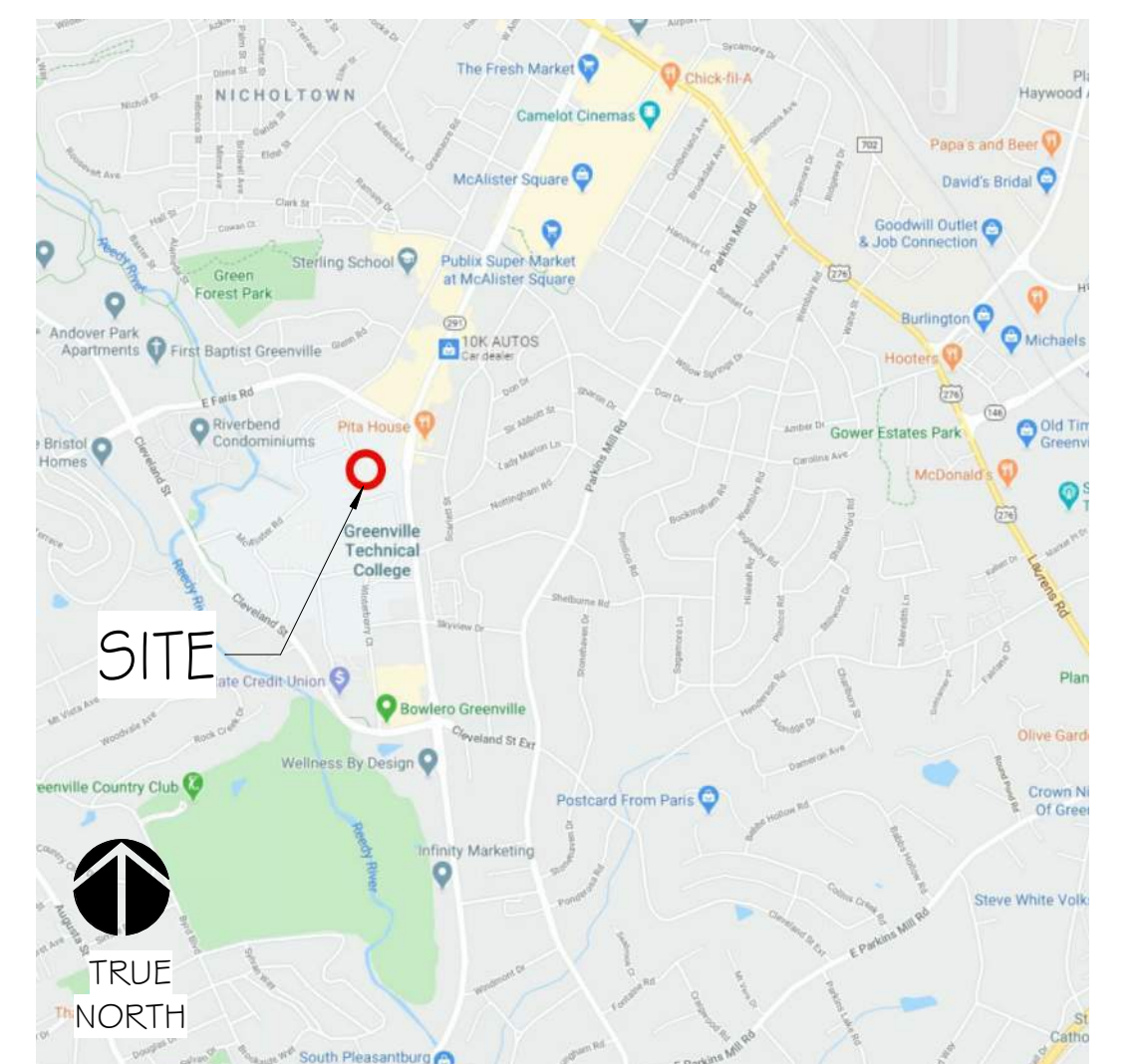
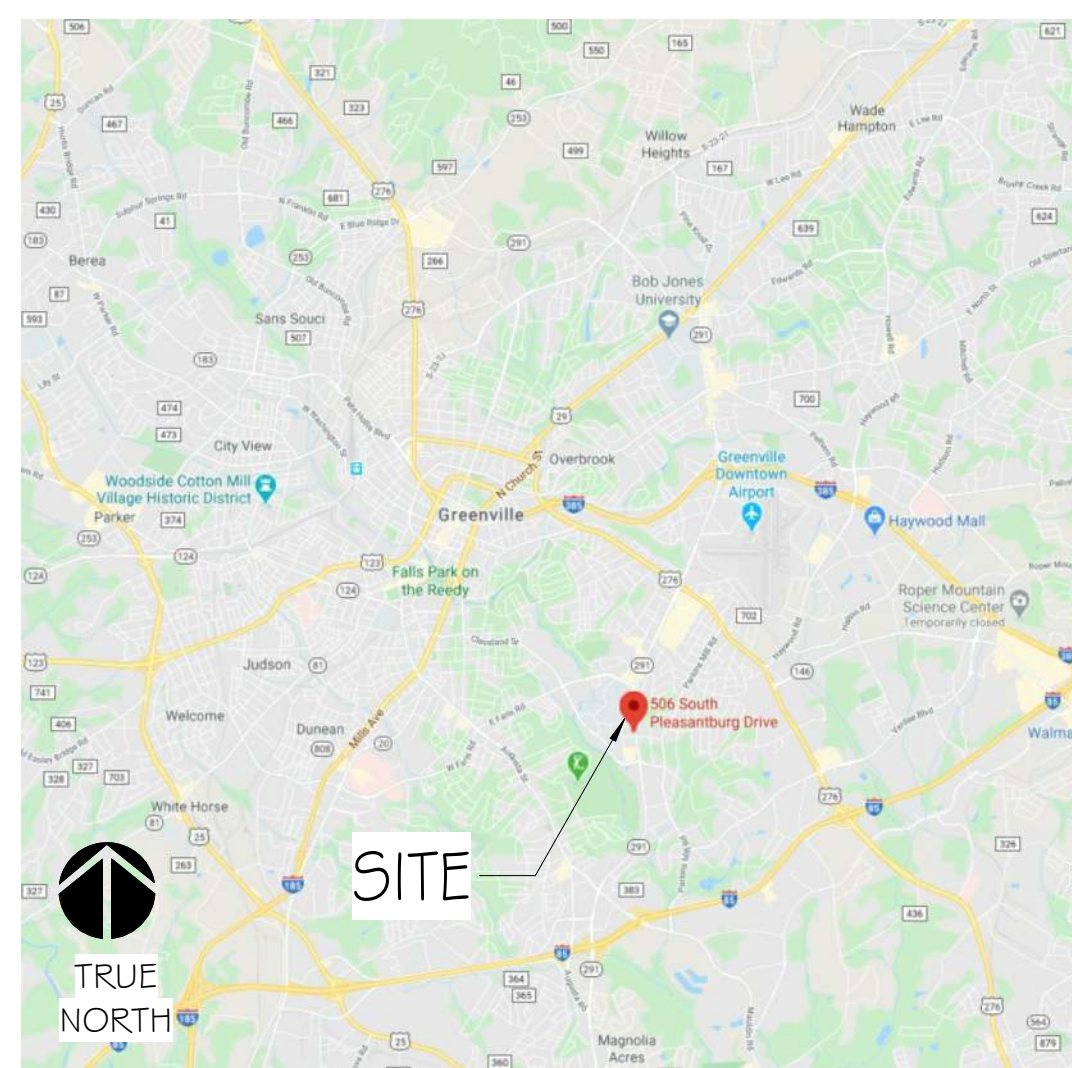
BURDETTE ENGINEERING

ELECTRICAL ENGINEERING

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VICINITY MAP

LOCATION MAP

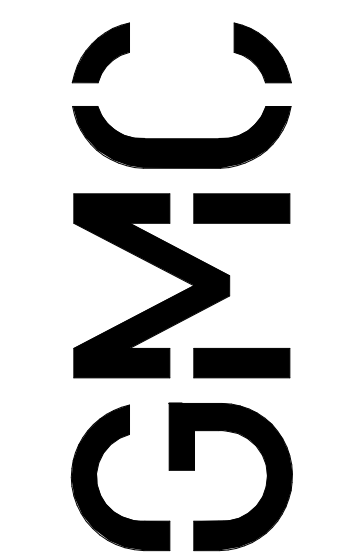


ABBREVIATIONS

ACC	ACCESSIBLE	FO	FACE OF	FL	PROPERTY LINE, PLATE
ACP	ACOUSTICAL CEILING PANEL	FOB	FACE OF BRICK	FLAM	PLASTIC LAMINATE
ADD	ADDENDUM	FOC	FACE OF CONCRETE	PNT	PAINT (ED)
AFF	ABOVE FINISH FLOOR	FOF	FACE OF FINISH	PREFAB	PREFABRICATED
ALT	ALTERNATE	FOM	FACE OF MASONRY	PREFIN	PREFINISHED
ALUM	ALUMINUM	FOS	FACE OF STUD	PREMANUF	PREMANUFACTURED
APPROX	APPROXIMATE	FR	FRAME (ED), (ING)	FT	POINT / PRESSURE TREATED / POINT OF TANGENCY
ARCH	ARCHITECT (URAL)	FRT	FIRE RETARDANT TREATED	FT	POINT OF TANGENCY
ADJ	ADJACENT	FT	FOOT/FEET	FVC	POLYVINYL CHLORIDE
B/B	BACK-TO-BACK	FTV	FOOTING	PWD	PLYWOOD
BD	BOARD	GA	GUAGE	RA	RETURN AIR
BLDG	BUILDING	GALV	GALVANIZED	RAD	RADIUS
BLKG	BLOCKING	GALV	GALVANIZED	RB	RUBBER BASE
BOT	BOTTOM	GHM	GALVANIZED HOLLOW METAL	RCP	REFLECTED CEILING PLAN
BRG	BEARING	GI	GALVANIZED IRON	REBAR	REINFORCEMENT BAR
BOW	BOTTOM OF WALL	GWB	GYPSON WALL BOARD	REF	REFRIGERATOR / REFERENCE
B/W	BETWEEN	GYP	GYPSON	REINF	REINFORCE (D), (ING)
CAB	CABINET	H	HEIGHT	REQD	REQUIRED
C/C	CENTER TO CENTER	HC	HANDICAP	RET	RETAINING
CF	CUBIC FOOT	HM	HOLLOW METAL	REV	REVISION (S), REVISED
CFCI	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	HOD	HIGHEST OPERABLE DEVICE	RH	RIGHT HAND
CI	CAST IRON	HORIZ	HORIZONTAL	RJ	RECESSED JOINT
CIP	CAST IRON PIPE	HSS	HOLLOW STRUCTURAL STEEL	RM	ROOM
CLG	CEILING	HT	HEIGHT	RO	ROUGH OPENING
CLR	CLEAR (ANCE)	HVAC	HEATING / VENTILATION / AIR CONDITIONING	SC	SEALED CONCRETE
CMU	CONCRETE MASONRY UNIT	HDW	HARDWARE	SCHED	SCHEDULED
COL	COLUMN	ID	INSIDE DIAMETER	SECT	SECTION
CONC	CONCRETE	IN	INCH / INCHES	SF	STOREFRONT
CONN	CONNECTION	INSUL	INSULATION	SIM	SIMILAR
CONST	CONSTRUCTION	JG	JOIST GIRDER	SPEC	SPECIFICATION (S)
CONT	CONTINUOUS OR CONTINUE	SQ	SQUARE	SS	SOLID SURFACE
COORD	COORDINATE	ST	STAINLESS STEEL	SST	STAINLESS STEEL
CPT	CARPET (ED)	STD	STANDARD	STL	STEEL
DBL	DOUBLE	STOR	STORAGE	STRUCT	STRUCTURAL
DEM	DEMOLISH OR DEMOLITION	LAM	LAMINATE (D)	TELE	TELEPHONE
DET	DETAIL	LF	LINEAR FOOT	TERM	TERMINATION
DIA	DIAMETER	L	LENGTH, ANGLE	T&G	TONGUE AND GROOVE
DIAG	DIAGONAL	LH	LEFT HAND	TH	THICK (NESS)
DIM	DIMENSION	LP	LOW POINT	THK	THICK (NESS)
DWG	DRAWING	LT GA	LIGHT GAUGE	TO	TOP OF
DF	DRINKING FOUNTAIN	LT	LIGHT	TOF	TOP OF FOOTING
EA	EACH	MATL	MATERIAL	TOJ	TOP OF JOIST
EF	EACH FACE	MAX	MAXIMUM	TOS	TOP OF SLAB / TOP OF STEEL
EJ	EXPANSION JOINT	MECH	MECHANICAL	TOW	TOP OF WALL
ELEV	ELEVATION / ELEVATOR	MANUF	MANUFACTURE (R)	TYP	TYPICAL
ELEC	ELECTRIC (AL)	MIN	MINIMUM	UNO	UNLESS NOTED OTHERWISE
ENGR	ENGINEER	MO	MASONRY OPENING	VB	VINYL BASE
EOS	EDGE OF SLAB	MULL	MULLION	VCT	VINYL COMPOSITION TILE
EQ	EQUAL	NIC	NOT IN CONTRACT	VERT	VERTICAL
EW	EACH WAY	NO	NUMBER	WVC	VINYL WALL COVERING
EXH	EXHAUST	NOM	NOMINAL	W	WASHER / WIDTH / WIDE FLANGE
EXIST	EXISTING	NTS	NOT TO SCALE	WB	WOOD BASE
EXP	EXPOSED	O/H	OVERHEAD	WD	WOOD
EXPN	EXPANSION	OC	ON CENTER (S)	WH	WATER HEATER
EXT	EXTERIOR	OCC	OCCUPANT (S)	WIN	WINDOW
FBO	FURNISHED BY OTHERS	OD	OUTSIDE DIAMETER	WP	WORK POINT / WATERPROOFING
FEC	FIRE EXTINGUISHER & CABINET	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED	WT	WEIGHT
FFE	FINISH FLOOR ELEVATION	OH	OPPOSITE HAND	WW	WALL TO WALL
FFW	FINISH FACE OF WALL	OPG	OPENING	W	WITH
F/F	FACE TO FACE	OPP	OPPOSITE	W/O	WITHOUT
FL	FLOOR				
FLG	FLANGE				
FND	FOUNDATION				

ANNOTATION SYMBOLS

ROOM NAME 101	ROOM REFERENCE SYMBOL: CONSECUTIVE NUMBERS ARE USED FOR COLUMN LINES RUNNING NORTH & SOUTH		FF&E: BY OTHERS		SPECIALTY EQUIPMENT TAG: SEE SPECIALTY EQUIPMENT SCHEDULE		CASEWORK TAG
②	COLUMN LINES: CONSECUTIVE NUMBERS ARE USED FOR COLUMN LINES RUNNING NORTH & SOUTH		REVISION SYMBOL: USED TO INDICATE SCOPE OF CURRENT REVISION		PLAN KEYNOTE TAG: NOTE NUMBER A SEE PLAN KEYNOTE SCHEDULE		
+	CONSECUTIVE LETTERS ARE USED FOR COLUMN LINES RUNNING EAST & WEST		DOOR SYMBOL: DOOR NUMBER 101 DOOR TYPE A (SEE DOOR SCHEDULE AND FLOOR PLANS)		BUILDING SECTION SYMBOL: SECTION 1 ON SHEET A101		NORTH ARROW: ARCHITECTURAL ORIENTATION
677.52	ELEVATION MARK SYMBOL: 677.52 - ELEVATION (FT)		WINDOW SYMBOL: WINDOW TYPE A (SEE EXTERIOR ELEVATIONS AND WINDOW SCHEDULE)		WALL SECTION SYMBOL: SECTION 1 ON SHEET A101		
A1.01	EXTERIOR ELEVATION SYMBOL: ELEVATION 1 ON SHEET A101		LOUVER SYMBOL: LOUVER TYPE L1 (SEE LOUVER SCHEDULE)		ENLARGED DETAIL SYMBOL: DETAIL 1 ON SHEET A101		
A1.01	INTERIOR ELEVATION SYMBOL: INTERIOR ELEVATION 3 ON SHEET A101		WALL SYMBOL: WALL TYPE OG (SEE PARTITION LEGEND)				



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TITLE SHEET
T1

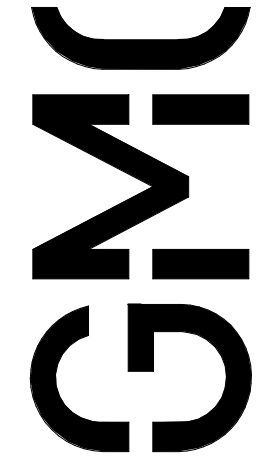
GENERAL NOTES

DIVISION 1 - GENERAL REQUIREMENTS
DIVISION 2 - EXISTING CONDITIONS
DIVISION 3 - CONCRETE
DIVISION 4 - MASONRY
DIVISION 5 - METALS

DIVISION 6 - WOOD, PLASTICS & COMPOSITES
DIVISION 7 - THERMAL & MOISTURE PROTECTION
DIVISION 8 - OPENINGS
DIVISION 9 - FINISHES
DIVISION 10 - SPECIALTIES
DIVISION 11 - EQUIPMENT
DIVISION 12 - FURNISHINGS
DIVISION 13 - SPECIAL CONSTRUCTION
DIVISION 14 - CONVEYING SYSTEMS

DIVISION 21 - FIRE SUPPRESSION
DIVISION 22 - PLUMBING
DIVISION 23 - HVAC
DIVISION 26 - ELECTRICAL

DIVISION 24 - PAINTS AND COATINGS
DIVISION 25 - GLAZING
DIVISION 27 - FLOORING
DIVISION 28 - WALLS AND PARTITIONS
DIVISION 29 - CEILING
DIVISION 30 - MECHANICAL, ELECTRICAL, AND PLUMBING
DIVISION 31 - FINISHES
DIVISION 32 - SPECIALTIES
DIVISION 33 - EQUIPMENT
DIVISION 34 - FURNISHINGS
DIVISION 35 - SPECIAL CONSTRUCTION
DIVISION 36 - CONVEYING SYSTEMS



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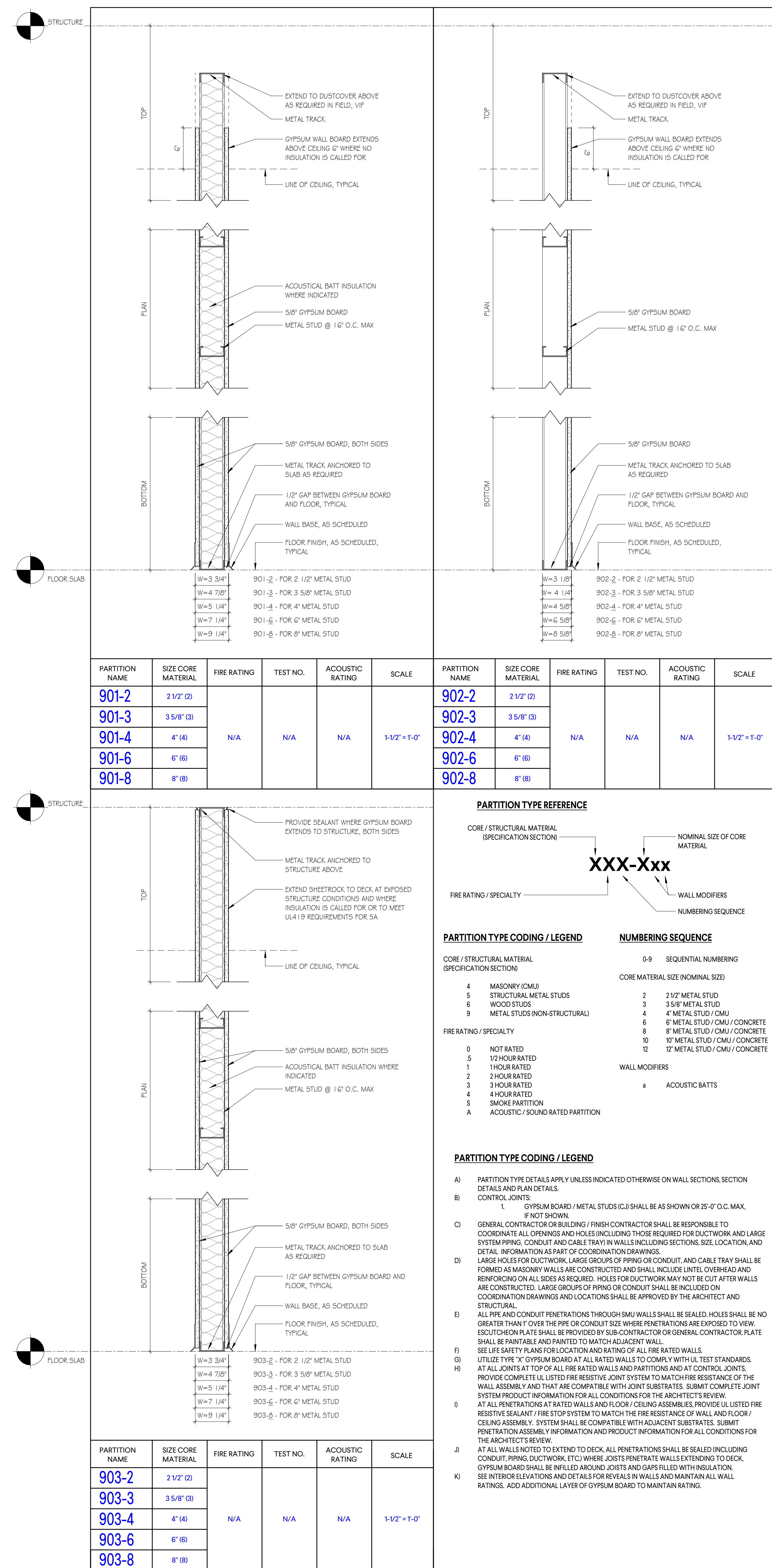
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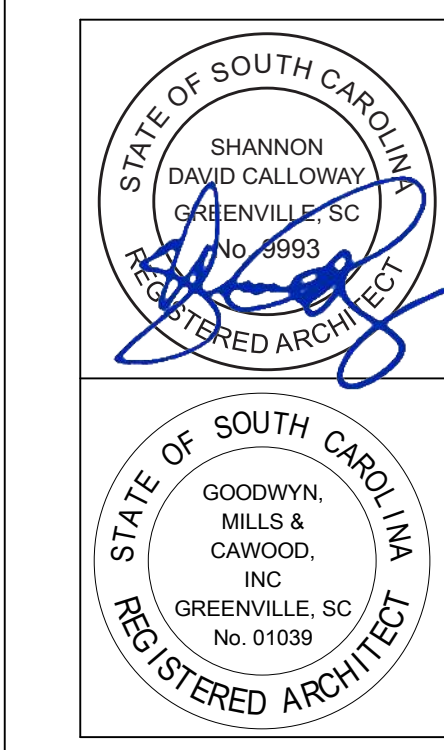
GENERAL NOTES

G1.02

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INTERIOR PARTITIONS
G1.03

PARTITION TYPE REFERENCE

CORE / STRUCTURAL MATERIAL (SPECIFICATION SECTION) → XXX-Xxx
 FIRE RATING / SPECIALTY → XXX-Xxx
 NOMINAL SIZE OF CORE MATERIAL → XXX-Xxx
 WALL MODIFIERS → XXX-Xxx
 NUMBERING SEQUENCE → XXX-Xxx

PARTITION TYPE CODING / LEGEND

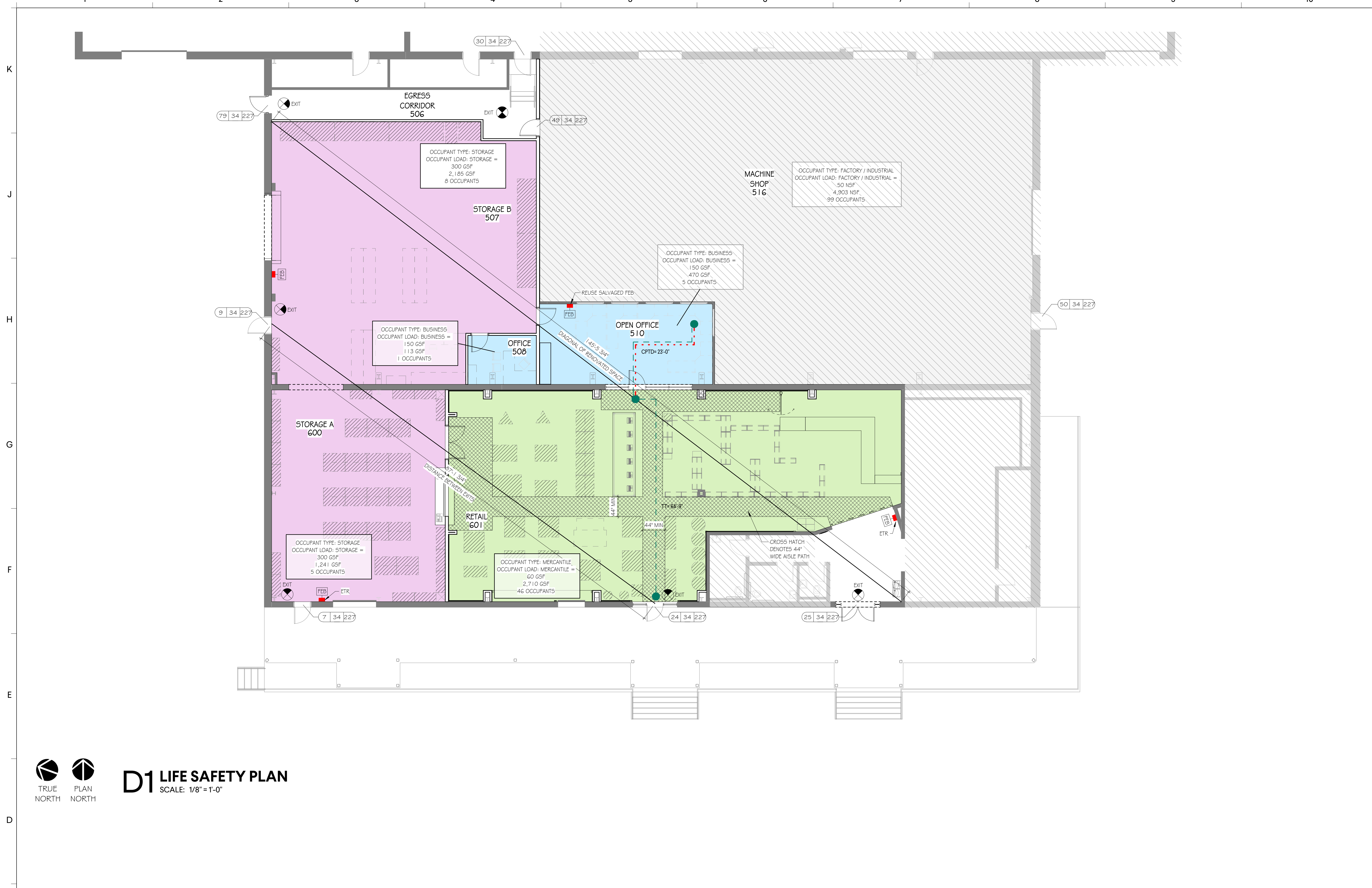
CORE / STRUCTURAL MATERIAL (SPECIFICATION SECTION) 0-9 SEQUENTIAL NUMBERING
 CORE MATERIAL SIZE (NOMINAL SIZE)

4 MASONRY (CMU) 2 2 1/2" METAL STUD
 5 STRUCTURAL METAL STUDS 3 3 5/8" METAL STUD
 6 WOOD STUDS 4 4" METAL STUD / CMU
 9 METAL STUDS (NON-STRUCTURAL) 6 6" METAL STUD / CMU / CONCRETE
 8 8" METAL STUD / CMU / CONCRETE
 10 10" METAL STUD / CMU / CONCRETE
 12 12" METAL STUD / CMU / CONCRETE

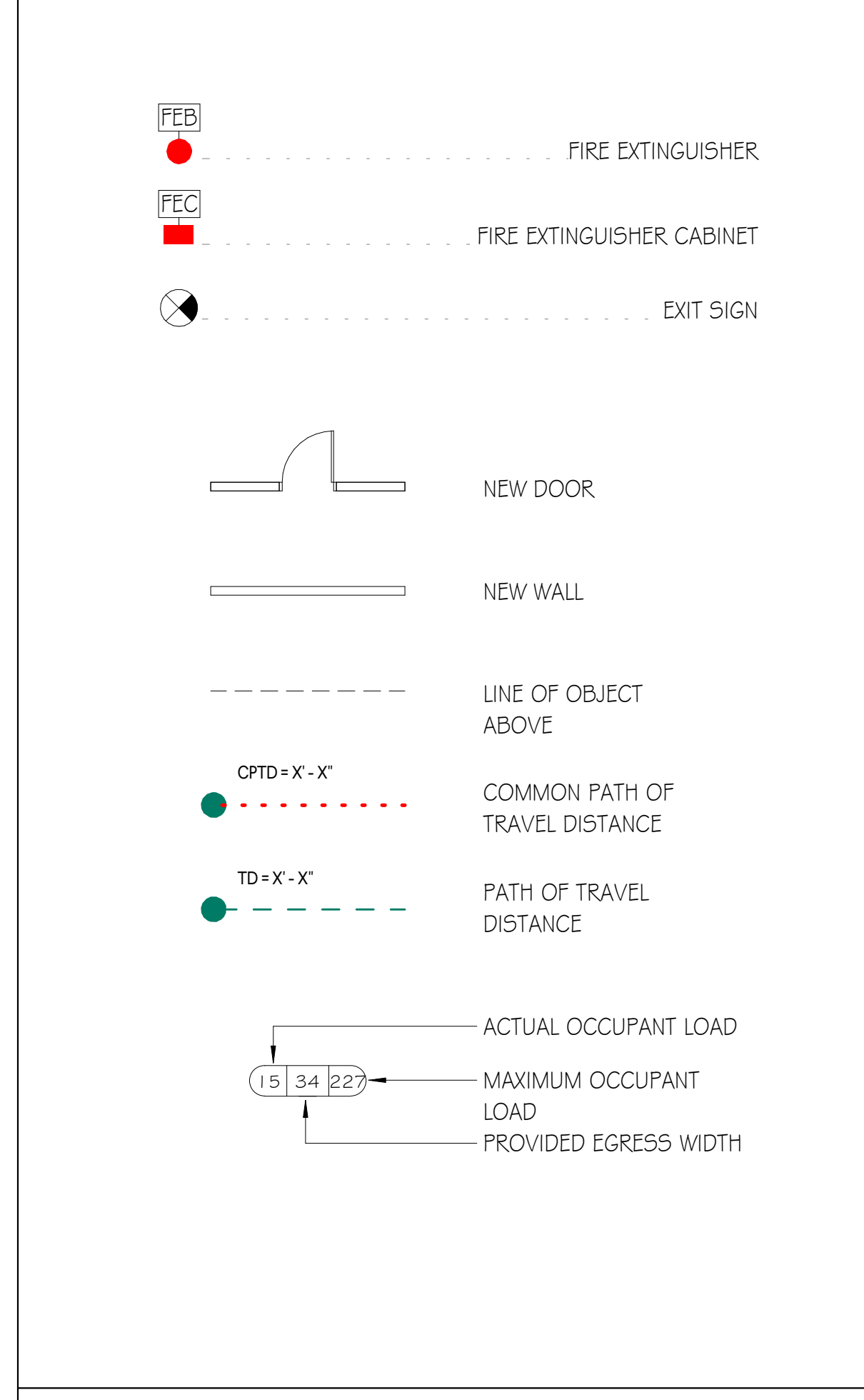
FIRE RATING / SPECIALTY
 0 NOT RATED
 1 1/2 HOUR RATED
 2 2 HOUR RATED
 3 3 HOUR RATED
 4 4 HOUR RATED
 S SMOKE PARTITION
 A ACOUSTIC / SOUND RATED PARTITION

WALL MODIFIERS
 a ACOUSTIC BATTS

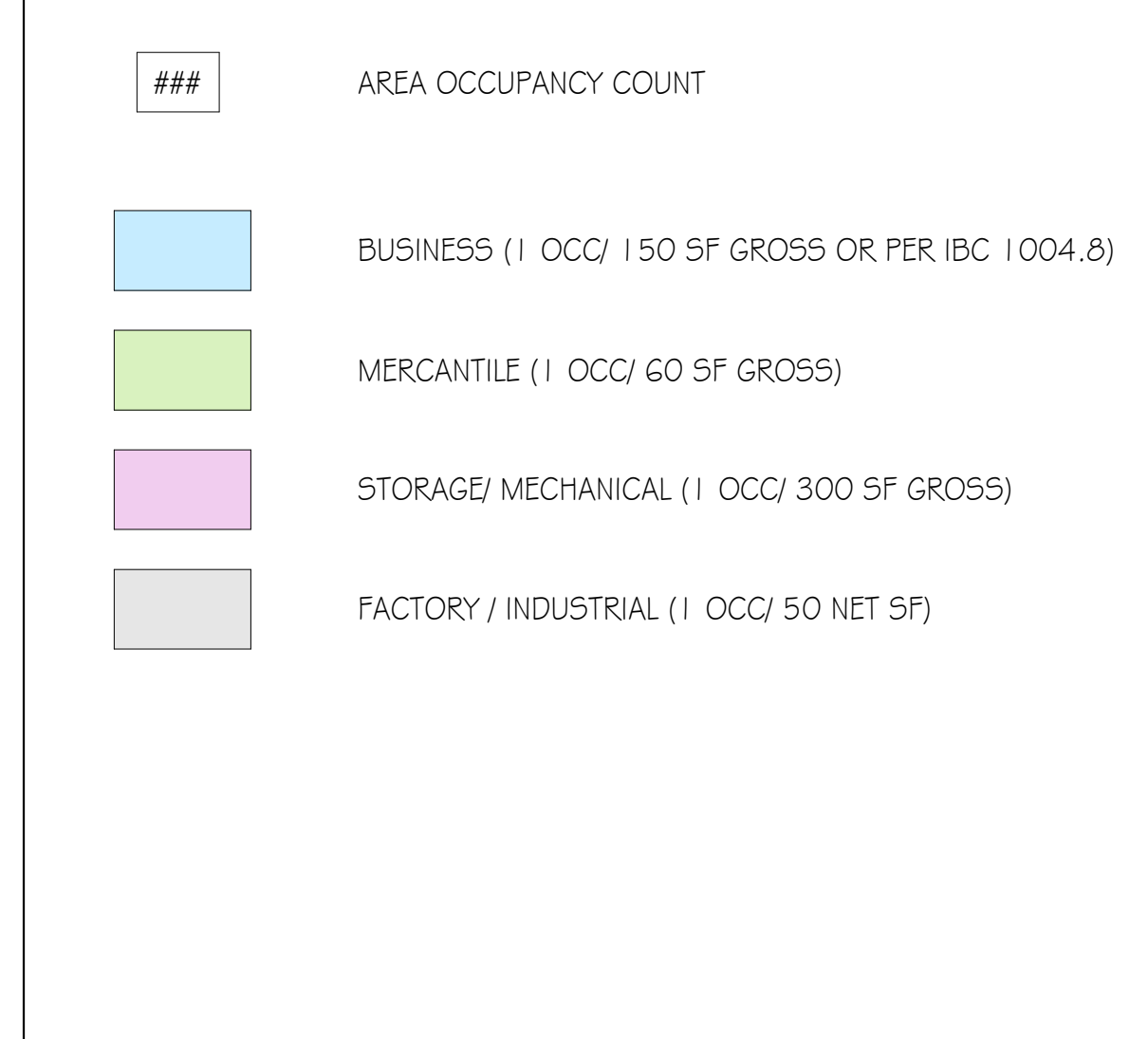
- PARTITION TYPE CODING / LEGEND**
- A) PARTITION TYPE DETAILS APPLY UNLESS INDICATED OTHERWISE ON WALL SECTIONS, SECTION DETAILS AND PLAN DETAILS.
 - B) CONTROL JOINTS:
 - 1 GYPSUM BOARD / METAL STUDS (C) SHALL BE AS SHOWN OR 25'-0" O.C. MAX. IF NOT SHOWN.
 - C) GENERAL CONTRACTOR OR BUILDING / FINISH CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE ALL OPENINGS AND HOLES (INCLUDING THOSE REQUIRED FOR DUCTWORK AND LARGE SYSTEM PIPING, CONDUIT AND CABLE TRAY) IN WALLS INCLUDING SECTIONS, SIZE, LOCATION, AND DETAIL INFORMATION AS PART OF COORDINATION DRAWINGS.
 - D) LARGE HOLES FOR DUCTWORK, LARGE GROUPS OF PIPING OR CONDUIT, AND CABLE TRAY SHALL BE FORMED AS MASONRY WALLS ARE CONSTRUCTED AND SHALL INCLUDE UNTEL OVERHEAD AND REINFORCING ON ALL SIDES AS REQUIRED. HOLES OR DUCTWORK MAY NOT BE CUT AFTER WALLS ARE CONSTRUCTED. LARGE GROUPS OF PIPING OR CONDUIT SHALL BE INCLUDED ON COORDINATION DRAWINGS AND LOCATIONS SHALL BE APPROVED BY THE ARCHITECT AND STRUCTURAL.
 - E) ALL PIPE AND CONDUIT PENETRATIONS THROUGH SMU WALLS SHALL BE SEALED. HOLES SHALL BE NO GREATER THAN 1" OVER THE PIPE OR CONDUIT SIZE WHERE PENETRATIONS ARE EXPOSED TO VIEW. ESCUTCHEON PLATE SHALL BE PROVIDED BY SUB-CONTRACTOR OR GENERAL CONTRACTOR. PLATE SHALL BE PAINTABLE AND PAINTED TO MATCH ADJACENT WALL.
 - F) SEE LIFE SAFETY PLANS FOR LOCATION AND RATING OF ALL FIRE RATED WALLS.
 - G) UTILIZE TYPE "X" GYPSUM BOARD AT ALL RATED WALLS TO COMPLY WITH UL TEST STANDARDS. AT ALL JOINTS AT TOP OF ALL FIRE RATED WALLS AND PARTITIONS AND AT CONTROL JOINTS, PROVIDE COMPLETE UL LISTED FIRE RESISTIVE JOINT SYSTEM TO MATCH FIRE RESISTANCE OF THE WALL ASSEMBLY AND THAT ARE COMPATIBLE WITH JOINT SUBSTRATES. SUBMIT COMPLETE JOINT SYSTEM PRODUCT INFORMATION FOR ALL CONDITIONS FOR THE ARCHITECT'S REVIEW.
 - H) AT ALL PENETRATIONS AT RATED WALLS AND FLOOR / CEILING ASSEMBLIES, PROVIDE UL LISTED FIRE RESISTIVE SEALANT / FIRE STOP SYSTEM TO MATCH THE FIRE RESISTANCE OF WALL AND FLOOR / CEILING ASSEMBLY. SYSTEM SHALL BE COMPATIBLE WITH ADJACENT SUBSTRATES. SUBMIT PENETRATION ASSEMBLY INFORMATION AND PRODUCT INFORMATION FOR ALL CONDITIONS FOR THE ARCHITECT'S REVIEW.
 - I) AT ALL WALLS NOTED TO EXTEND TO DECK, ALL PENETRATIONS SHALL BE SEALED (INCLUDING CONDUIT, PIPING, DUCTWORK, ETC) WHERE JOISTS PENETRATE WALLS EXTENDING TO DECK. GYPSUM BOARD SHALL BE FILLED AROUND JOISTS AND GAPS FILLED WITH INSULATION. SEE INTERIOR ELEVATIONS AND DETAILS FOR REVEALS IN WALLS AND MAINTAIN ALL WALL RATINGS. ADD ADDITIONAL LAYER OF GYPSUM BOARD TO MAINTAIN RATINGS.



LIFE SAFETY PLAN LEGEND

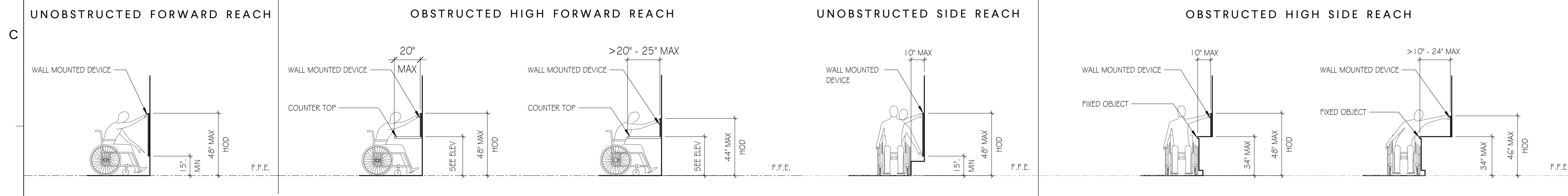


OCCUPANCY LEGEND



D1 LIFE SAFETY PLAN
SCALE: 1/8" = 1'-0"
TRUE NORTH PLAN NORTH

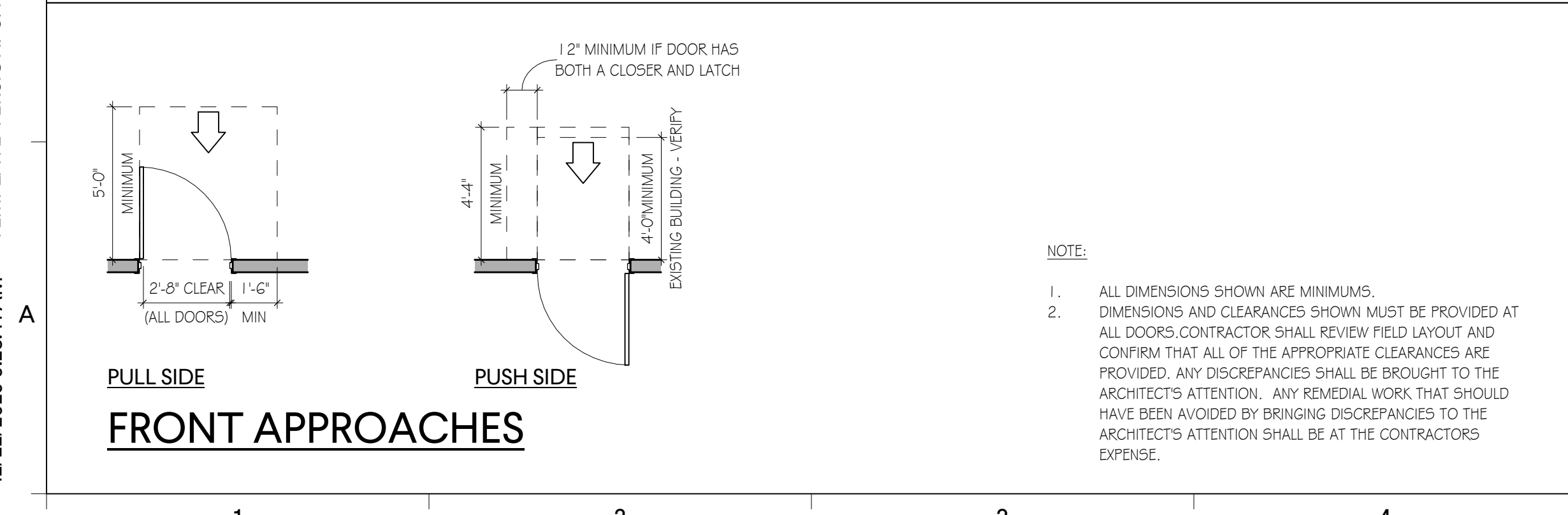
TYPICAL REACH RANGES



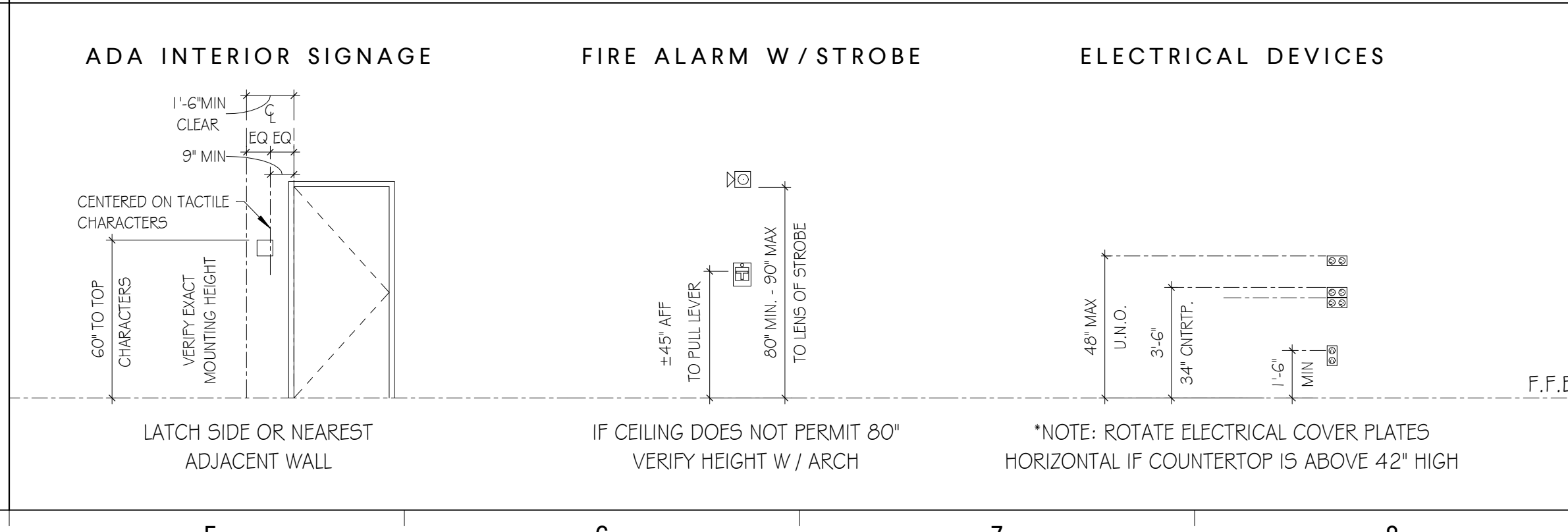
MOUNTING HEIGHT NOTES

- 01. TYPICAL HEIGHTS: MOUNTING HEIGHTS INDICATED HEREIN ARE TYPICAL MOUNTING HEIGHTS FOR DEVICE INDICATED. MOUNTING HEIGHTS FOR SUBMITTED PRODUCTS MAY VARY BY MANUFACTURER. THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCY BETWEEN THE INDICATED MOUNTING HEIGHT AND THE MANUFACTURER'S RECOMMENDED MOUNTING HEIGHT, PRIOR TO INSTALLATION OF THE DEVICE. ALL HEIGHTS SHALL BE IN COMPLIANCE WITH ICC A 117.1-2017.
- 02. DEVICE LOCATIONS: THE GENERAL CONTRACTOR SHALL REFER TO PLANS FOR LOCATIONS OF DEVICES SHOWN HEREIN.
- 03. ADA DEVICES: ALL DEVICES AND FIXTURES NOTED AS "ADA" OR "ACCESSIBLE" SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT AND ICC A 117.1-2017.
- 04. ELECTRICAL DEVICES: SEE ELECTRICAL DRAWINGS AND SPECIFICATIONS FOR REQUIRED MOUNTING HEIGHT OF ELECTRICAL DEVICES AND FIXTURES. WHERE CONFLICTS EXIST BETWEEN MOUNTING HEIGHTS INDICATED HEREIN AND THE REQUIREMENTS OF THE ELECTRICAL ENGINEER, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO ROUGH-IN.
- 05. MECHANICAL/PLUMBING DEVICES: SEE MECHANICAL AND PLUMBING DRAWINGS AND SPECIFICATIONS FOR REQUIRED MOUNTING HEIGHT OF MECHANICAL AND PLUMBING DEVICES AND FIXTURES. WHERE CONFLICTS EXIST BETWEEN MOUNTING HEIGHTS INDICATED HEREIN AND THE REQUIREMENTS OF THE MECHANICAL ENGINEER, THE GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO ROUGH-IN.
- 06. INSTALL ADA AND ICC A 117.1-2017, COMPLIANT UNDER LAVATORY GUARDS ON ALL EXPOSED SINK PIPING.
- 07. CONTRACTOR MUST MAINTAIN ON THE JOB SITE A COPY OF THE CURRENT ADAAG STANDARDS AND ICC 117.1-2017.
- 08. DIMENSIONAL DESIGNATIONS OF +/- TO HAVE +1/2" TOLERANCE UNLESS OTHERWISE NOTED.
- 09. DESIGNATION FOR FINISHED FACE OF WALL (FFW) TO BE TAKEN FROM NEAREST CONTINUOUS SURFACE IN THE PLANE OF THE WALL (I.E. FACE OF FLOOR BASE IF FACE OF BASE EXTENDS BEYOND FACE OF WALL).

ADA TURN AROUNDS AND FLOOR CLEARANCES

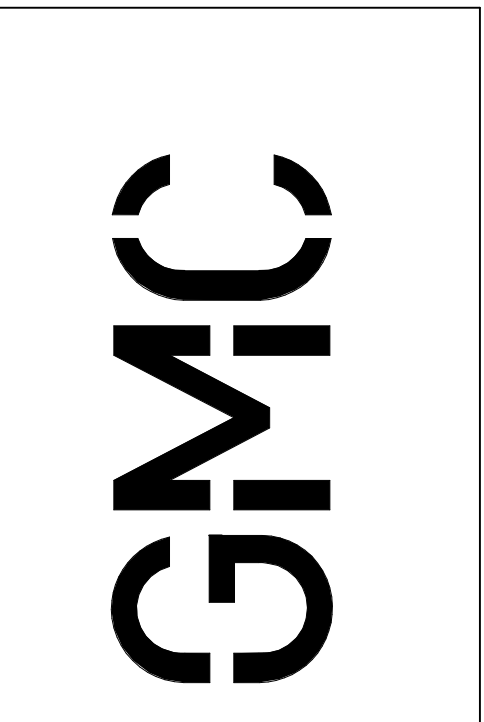


MOUNTING HEIGHTS - ELECTRICAL

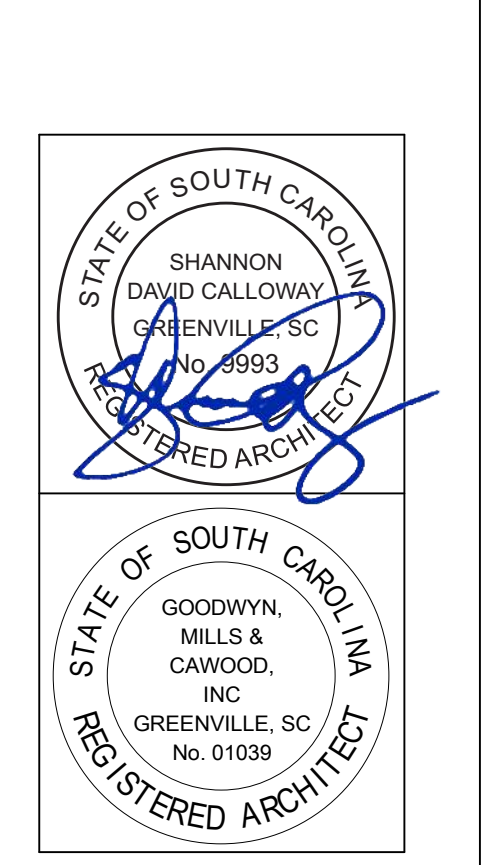


ABBREVIATIONS AND ACRONYMS

APF	.....	ABOVE FINISHED FLOOR	MAX	.....	MAXIMUM
BOGB	.....	BOTTOM OF GRAB BAR	MIN	.....	MINIMUM
FFE	.....	FINISHED FLOOR ELEVATION	TOGB	.....	TOP OF GRAB BAR
FFW	FINISH FACE OF WALL	WC	WATER CLOSET
GB	GRAB BAR	W	WITH
HOD	HIGHEST OPERABLE DEVICE	WO	WITHOUT



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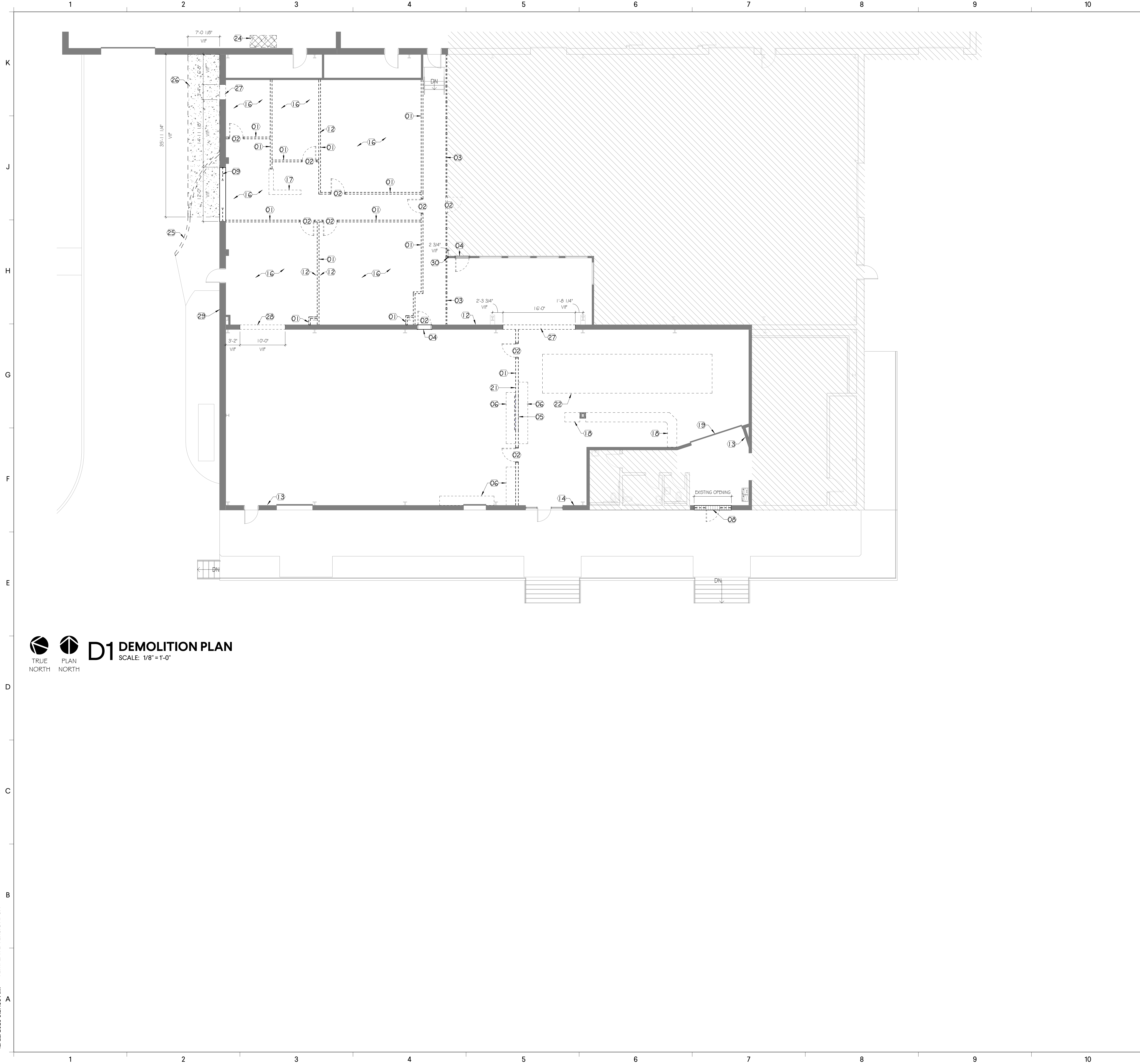


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LIFE SAFETY PLAN
G2.02

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TRUE PLAN NORTH NORTH
D1 DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

- A. DEMOLITION DRAWINGS ILLUSTRATE THE GENERAL SCOPE OF DEMOLITION WORK TO BE PERFORMED, AND ARE NOT INTENDED TO BE COMPREHENSIVE OR ALL-INCLUSIVE. THE GENERAL CONTRACTOR SHALL INCLUDE THE DEMOLITION WORK INCLUDED IN DEMOLITION PLANS ALONG WITH DEMOLITION REQUIRED FOR SUCCESSFUL COMPLETION OF THE NEW CONSTRUCTION WORK TO BE PERFORMED.
- B. THE GENERAL CONTRACTOR SHALL PRIOR TO REMOVAL OF EXISTING ELEMENTS TEMPORARILY SHORE AND OR BRACE EXISTING CONSTRUCTION TO REMAIN AS REQUIRED TO SUPPORT EXISTING LOADS AND OR LOADS IMPOSED DURING CONSTRUCTION.
- C. CONTRACTOR SHALL FIELD VERIFY AND NOTIFY ARCHITECT OF ANY CONFLICTS WITH THE NEW SCHEDULED WORK PRIOR TO BID FOR CLARIFICATION. THE CONTRACTOR SHALL FIELD VERIFY AND NOTIFY ARCHITECT OF ANY CONCEALED CONDITIONS EFFECTING THE WORK AND ANY DISCREPANCIES ENCOUNTERED DURING CONSTRUCTION PRIOR TO PROCEEDING WITH WORK.
- D. CONTRACTOR IS RESPONSIBLE FOR BARRICADES OF AREAS OF WORK AND TO PROVIDE PROTECTED ENTRANCES AND EXITS TO AND FROM THE BUILDING.
- E. THE CONTRACTOR SHALL PROVIDE PROTECTIVE BARRIERS TO DUST AND WEATHER DURING DEMOLITION SO AS NOT TO DAMAGE EXISTING CONSTRUCTION TO REMAIN.
- F. CONTRACTOR TO PATCH, REPAIR, AND REPLACE ANY EXISTING STRUCTURE, WALLS, FINISHES, AND EQUIPMENT DAMAGED BY THE REMOVAL OF ITEMS SCHEDULED TO DEMOLITION. ALL ADJACENT WALLS, CEILINGS, FLOORS, FINISHES, ETC. SHALL BE PREPARED AS REQUIRED TO RECEIVE NEW WORK.
- G. DAMAGED EXISTING ACT TILES ARE TO BE REPLACED THROUGHOUT THE PROJECT BY THE GENERAL CONTRACTOR.
- H. CONTRACTOR TO VERIFY ALL CONDITIONS PRIOR TO DEMOLITION AND VERIFY ALL DIMENSIONS IN FIELD.

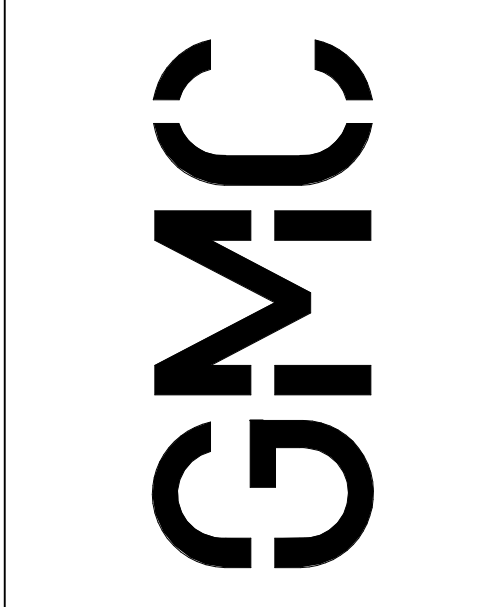
DEMOLITION PLAN LEGEND

- DEMOLISH EXISTING DOOR AND FRAME
- DEMOLISH WALL
- EXISTING DOOR
- EXISTING WALL
- DEMOLITION LEGEND REFERENCE TAG

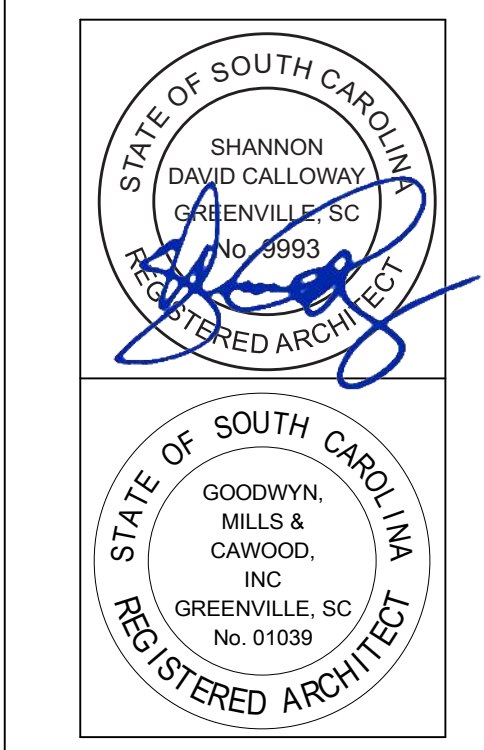
DEMO KEYNOTES

ISSUE	DATE
1	12/23/2020

01	DEMOLISH EXISTING WALL IN ITS ENTIRETY
02	REMOVE EXISTING DOOR AND FRAME IN ITS ENTIRETY INCLUDING ALL ASSOCIATED DOOR HARDWARE, TURNOVER ALL ITEMS TO OWNER
03	DEMOLISH EXISTING STOREFRONT IN ITS ENTIRETY
04	REMOVE EXISTING DOOR AND FRAME, INFILL WITH LIKE CONSTRUCTION TO BE SMOOTH AND FLUSH
05	REMOVE AND SALVAGE EXISTING COILING COUNTER DOOR. CLEAN AND PREPARE TO INSTALL COILING COUNTER DOOR IN NEW LOCATION AS INDICATED
06	DEMOLISH EXISTING CHECKOUT COUNTER IN ITS ENTIRETY
07	DEMOLISH EXISTING CEILING SYSTEM, SALVAGE CEILING TILES, LIGHTING AND HVAC GRILLES FOR OWNER REUSE AND STORAGE
08	MODIFY EXISTING STOREFRONT SYSTEM TO ACCEPT SALVAGED DOUBLE DOOR. CONTRACTOR TO COORDINATE WITH OWNER AND SALVAGE EXISTING GLASS AS REQUIRED.
09	REMOVE EXISTING STOREFRONT AND SALVAGE COMPONENTS NEEDED TO RELOCATE DOUBLE DOORS TO THE EXISTING BOOKSTORE STOREFRONT ENTRY AS INDICATED
11	REMOVE EXISTING PROJECTOR AND TURNOVER TO OWNER FOR REUSE
12	REMOVE EXISTING PROJECTOR AND SMART BOARDS AND TURNOVER TO OWNER FOR REUSE
13	EXISTING FIRE EXTINGUISHER CABINET TO REMAIN
14	REMOVE EXISTING FIRE EXTINGUISHER CABINET AND SALVAGE FOR REUSE
15	REMOVE EXISTING SUSPENDED LINEAR LIGHT FIXTURE AND SALVAGE FOR REUSE AS INDICATED
16	REMOVE EXISTING VCT FLOORING, INCLUDING ALL MASTICS IN ITS ENTIRETY
17	DEMOLISH EXISTING BUILT-IN RECEPTION COUNTER
18	SALVAGE EXISTING CHECKOUT COUNTER AND DELIVER TO OWNER
19	EXISTING COILING SECURITY GRILLE OVERHEAD TO REMAIN
20	DEMOLISH EXISTING LIGHTS IN ITS ENTIRETY
21	HEIGHT DIFFERENCE BETWEEN FLOOR LEVELS CONCEALED BY EXISTING WALL - PATCH OR FLOAT CONCRETE SLAB TO BE FLUSH AND PREPARE TO RECEIVE NEW FLOOR FINISH
22	REMOVE AND SALVAGE EXISTING CARPET SQUARES AND DELIVER TO OWNER. PREPARE FLOOR TO ACCEPT NEW FINISH
24	CONDENSING UNITS TO BE RELOCATED, PATCH AND REPAIR ALL ROOF PENETRATIONS, REF MECHANICAL
25	DEMOLISH EXISTING CURB IN ITS ENTIRETY
26	DEMOLISH EXISTING HARDSCAPE, ADJUST GRADE AS REQUIRED TO ACCOMMODATE NEW EGRESS DOOR
27	DEMOLISH PORTION OF EXISTING CMU WALL TO ACCOMMODATE NEW OPENING; BRACE WALL AND HEADER OF NEW OPENING AS NEEDED UNTIL NEW LOAD CARRYING ELEMENTS TO SUPPORT THE HEAD CONDITION ARE INSTALLED, GC SHALL BE RESPONSIBLE FOR DELEGATED DESIGN OF WALL BRACING AND NEW LOAD CARRYING ELEMENTS FOR THE HEAD CONDITION.
28	DEMOLISH PORTION OF EXISTING CMU WALL, BRACE AND SUPPORT AS REQUIRED. WALL CONTAINED OPENING PREVIOUSLY AND IS ASSUMED TO HAVE PROPER SUPPORT OF HEAD CONDITION.
29	SELECTIVE DEMOLITION OF EXTERIOR WALL TO ACCEPT NEW MECHANICAL LOUVER, REF MECHANICAL
30	DEMOLISH PORTION OF EXISTING WALL



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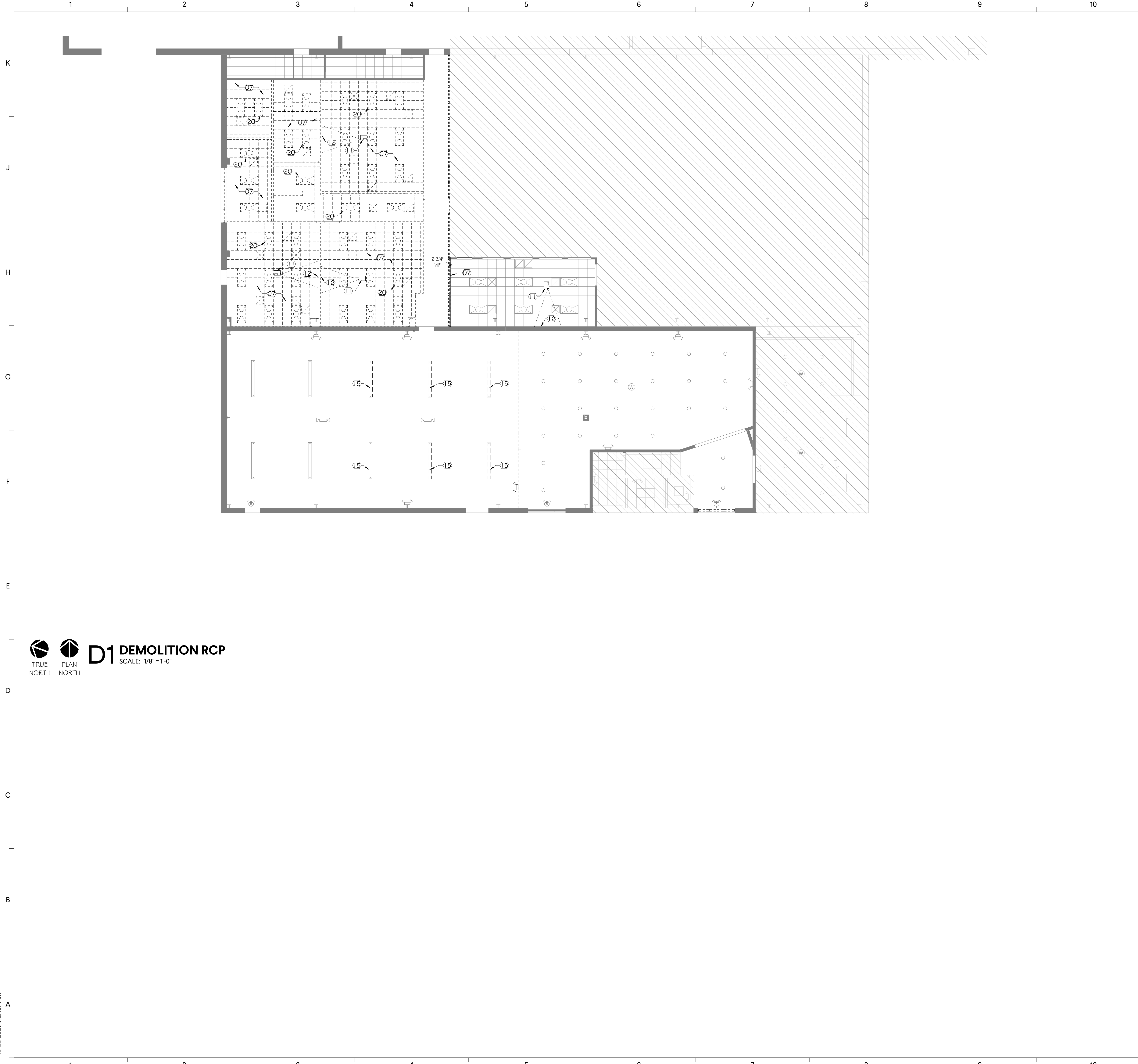
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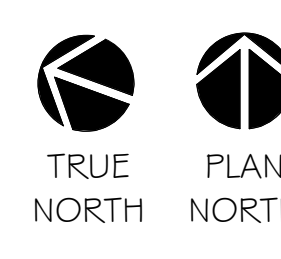
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DEMOLITION PLAN
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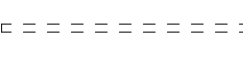





 **D1 DEMOLITION RCP**
TRUE PLAN SCALE: 1/8"=1'-0"
NORTH NORTH

GENERAL DEMOLITION NOTES

- A. DEMOLITION DRAWINGS ILLUSTRATE THE GENERAL SCOPE OF DEMOLITION WORK TO BE PERFORMED, AND ARE NOT INTENDED TO BE COMPREHENSIVE OR ALL-INCLUSIVE. THE GENERAL CONTRACTOR SHALL INCLUDE THE DEMOLITION WORK INCLUDED IN DEMOLITION PLANS ALONG WITH DEMOLITION REQUIRED FOR SUCCESSFUL COMPLETION OF THE NEW CONSTRUCTION WORK TO BE PERFORMED
- B. THE GENERAL CONTRACTOR SHALL PRIOR TO REMOVAL OF EXISTING ELEMENTS TEMPORARILY SHORE AND OR BRACE EXISTING CONSTRUCTION TO REMAIN AS REQUIRED TO SUPPORT EXISTING LOADS AND OR LOADS IMPOSED DURING CONSTRUCTION
- C. CONTRACTOR SHALL FIELD VERIFY AND NOTIFY ARCHITECT OF ANY CONFLICTS WITH THE NEW SCHEDULED WORK PRIOR TO BID FOR CLARIFICATION. THE CONTRACTOR SHALL FIELD VERIFY AND NOTIFY ARCHITECT OF ANY CONCEALED CONDITIONS EFFECTING THE WORK AND ANY DISCREPANCIES ENCOUNTERED DURING CONSTRUCTION PRIOR TO PROCEEDING WITH WORK.
- D. CONTRACTOR IS RESPONSIBLE FOR BARRICADES OF AREAS OF WORK AND TO PROVIDE PROTECTED ENTRANCES AND EXITS TO AND FROM THE BUILDING.
- E. THE CONTRACTOR SHALL PROVIDE PROTECTIVE BARRIERS TO DUST AND WEATHER DURING DEMOLITION SO AS NOT TO DAMAGE EXISTING CONSTRUCTION TO REMAIN.
- F. CONTRACTOR TO PATCH, REPAIR, AND REPLACE ANY EXISTING STRUCTURE, WALLS, FINISHES, AND EQUIPMENT DAMAGED BY THE REMOVAL OF ITEMS SCHEDULED TO DEMOLITION. ALL ADJACENT WALLS, CEILINGS, FLOORS, FINISHES, ETC. SHALL BE PREPARED AS REQUIRED TO RECEIVE NEW WORK.
- G. DAMAGED EXISTING ACT TILES ARE TO BE REPLACED THROUGHOUT THE PROJECT BY THE GENERAL CONTRACTOR
- H. CONTRACTOR TO VERIFY ALL CONDITIONS PRIOR TO DEMOLITION AND VERIFY ALL DIMENSIONS IN FIELD

DEMOLITION PLAN LEGEND

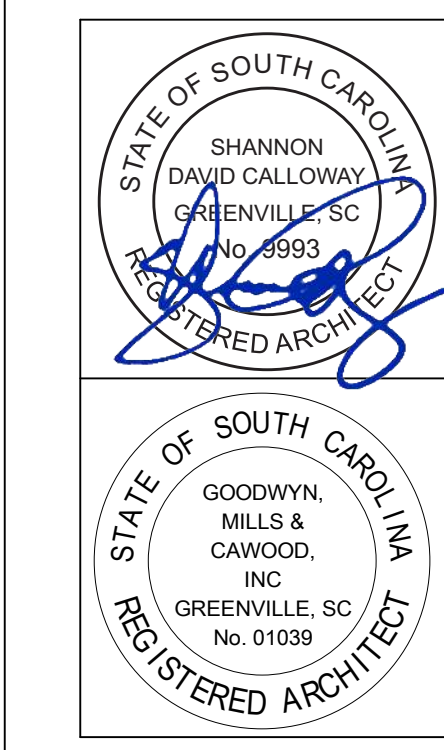
-  DEMOLISH EXISTING DOOR AND FRAME
-  DEMOLISH WALL
-  EXISTING DOOR
-  EXISTING WALL
-  DEMOLITION LEGEND REFERENCE TAG

DEMO KEYNOTES

- 01 DEMOLISH EXISTING WALL IN ITS ENTIRETY
- 02 REMOVE EXISTING DOOR AND FRAME IN ITS ENTIRETY INCLUDING ALL ASSOCIATED DOOR HARDWARE, TURNOVER ALL ITEMS TO OWNER
- 03 DEMOLISH EXISTING STOREFRONT IN ITS ENTIRETY
- 04 REMOVE EXISTING DOOR AND FRAME, INFILL WITH LIKE CONSTRUCTION TO BE SMOOTH AND FLUSH
- 05 REMOVE AND SALVAGE EXISTING COILING COUNTER DOOR. CLEAN AND PREPARE TO INSTALL COILING COUNTER DOOR IN NEW LOCATION AS INDICATED
- 06 DEMOLISH EXISTING CHECKOUT COUNTER IN ITS ENTIRETY
- 07 DEMOLISH EXISTING CEILING SYSTEM, SALVAGE CEILING TILES, LIGHTING AND HVAC GRILLES FOR OWNER REUSE AND STORAGE
- 08 MODIFY EXISTING STOREFRONT SYSTEM TO ACCEPT SALVAGED DOUBLE DOOR. CONTRACTOR TO COORDINATE WITH OWNER AND SALVAGE EXISTING GLASS AS REQUIRED.
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- 12 REMOVE EXISTING MARKER AND SMART BOARDS AND TURNOVER TO OWNER FOR REUSE
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- 14 REMOVE EXISTING FIRE EXTINGUISHER CABINET AND SALVAGE FOR REUSE
- 15 REMOVE EXISTING SUSPENDED LINEAR LIGHT FIXTURE AND SALVAGE FOR REUSE AS INDICATED
- 16 REMOVE EXISTING VCT FLOORING, INCLUDING ALL MASTICS IN ITS ENTIRETY
- 17 DEMOLISH EXISTING BUILT-IN RECEPTION COUNTER
- 18 SALVAGE EXISTING CHECKOUT COUNTER AND DELIVER TO OWNER
- 19 EXISTING COILING SECURITY GRILLE OVERHEAD TO REMAIN
- 20 DEMOLISH EXISTING LIGHTS IN ITS ENTIRETY
- 21 HEIGHT DIFFERENCE BETWEEN FLOOR LEVELS CONCEALED BY EXISTING WALL - PATCH OR FLOAT CONCRETE SLAB TO BE FLUSH AND PREPARE TO RECEIVE NEW FLOOR FINISH
- 22 REMOVE AND SALVAGE EXISTING CARPET SQUARES AND DELIVER TO OWNER. PREPARE FLOOR TO ACCEPT NEW FINISH
- 24 CONDENSING UNITS TO BE RELOCATED, PATCH AND REPAIR ALL ROOF PENETRATIONS, REF MECHANICAL
- 25 DEMOLISH EXISTING CURB IN ITS ENTIRETY
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- 27 DEMOLISH PORTION OF EXISTING CMU WALL TO ACCOMMODATE NEW OPENING; BRACE WALL AND HEADER OF NEW OPENING AS NEEDED UNTIL NEW LOAD CARRYING ELEMENTS TO SUPPORT THE HEAD CONDITION ARE INSTALLED. GC SHALL BE RESPONSIBLE FOR DELEGATED DESIGN OF WALL BRACING AND NEW LOAD CARRYING ELEMENTS FOR THE HEAD CONDITION.
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- 30 DEMOLISH PORTION OF EXISTING WALL



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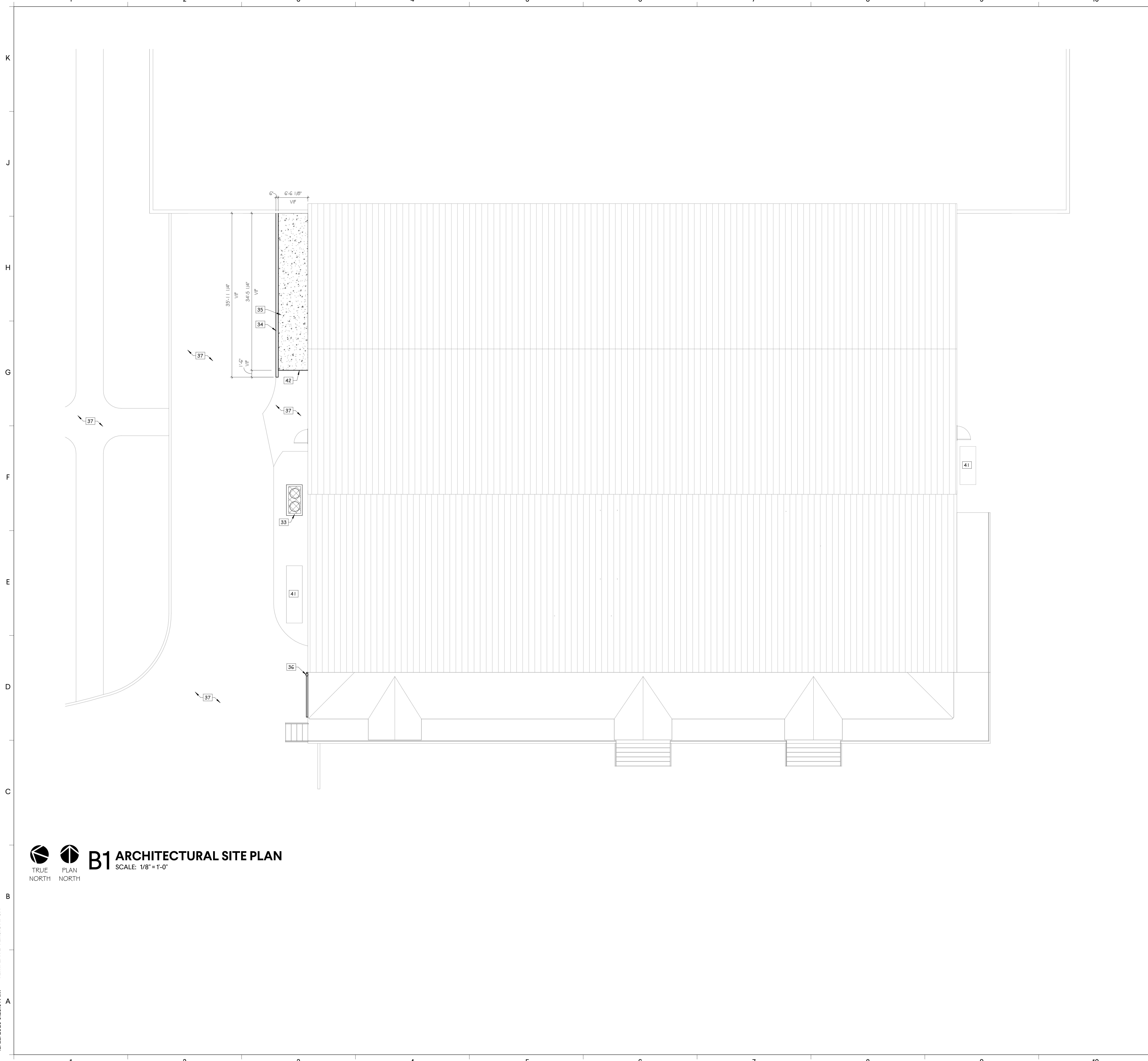
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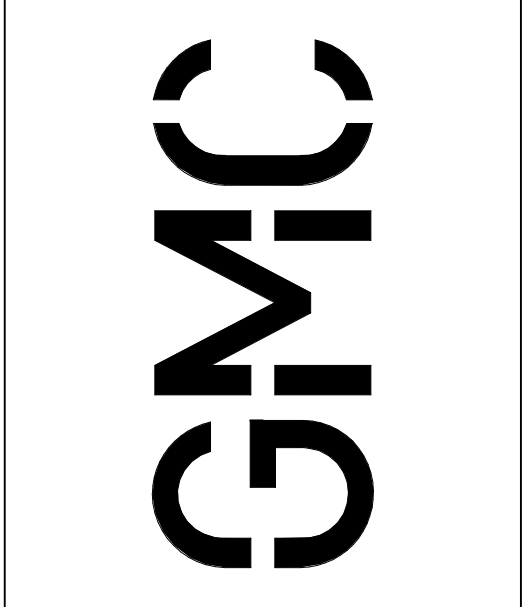
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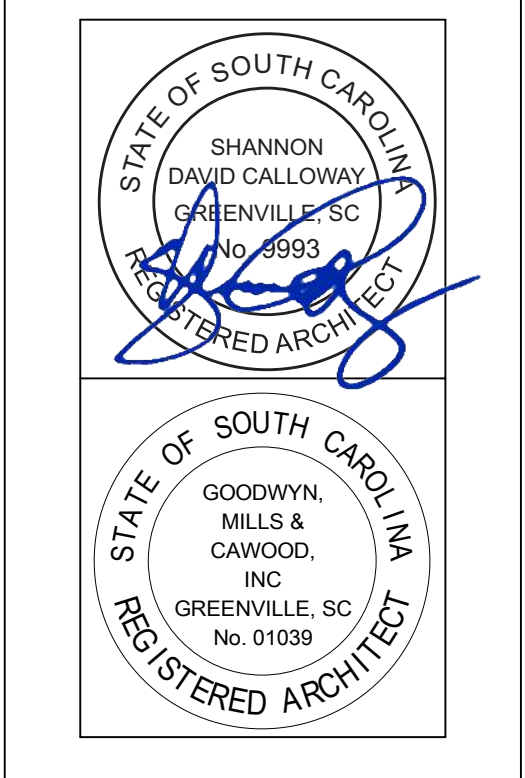

B1 ARCHITECTURAL SITE PLAN
 TRUE PLAN
 NORTH NORTH
 SCALE: 1/8"=1'-0"

PLAN KEYNOTES

- 01 RELOCATED PALLET RACKS, OFOI, REF EQUIPMENT SCHEDULE
- 02 RELOCATED GONDOLA SHELVING, OFOI, REF EQUIPMENT SCHEDULE
- 03 STORAGE FOR FORKLIFT, REF EQUIPMENT SCHEDULE, AND CHARGING STATION, REF ELECTRICAL
- 04 RELOCATED LOCKERS, OFOI, REF EQUIPMENT SCHEDULE
- 05 RELOCATED FILE CABINET STORAGE, OFOI, REF EQUIPMENT SCHEDULE
- 06 RELOCATED WORKSPACE DESKS, OFOI, REF EQUIPMENT SCHEDULE
- 07 RELOCATED WALL SHELVING, OFOI, REF EQUIPMENT SCHEDULE
- 08 RELOCATED COILING COUNTER DOOR
- 09 NEW SOLID SURFACE COUNTER, REF FINISH SCHEDULE
- 10 NEW INTERIOR STOREFRONT SYSTEM
- 11 NEW CFIG SLAT WALL PANELS, BASIS OF DESIGN: AMERICAN RETAIL SUPPLY, 3D WOOD TEXTURED SLATWALL
- 12 NEW POINT OF SALE CASEWORK WITH SOLID SURFACE COUNTER, ACRYLIC FRONT PANEL AND PLASTIC LAMINATE INTERIOR, REF FINISHES
- 13 EXISTING DRAINAGE PIPE TO REMAIN
- 14 NEW CIRCULAR LIGHT FIXTURE MOUNTED TO STRUCTURE ABOVE, ALL LIGHTING IN EXPOSED CEILING AREAS SHALL BE INSTALLED AS REQUIRED TO MATCH THE EXISTING INSTALLATION, REF ELECTRICAL
- 15 NEW SHEET METAL SIGNAGE WITH WATERJET CUT LETTERS
- 16 EXISTING ACP CEILING TO REMAIN
- 17 MODIFY EXISTING STOREFRONT TO ACCOMMODATE SALVAGED DOUBLE DOOR FROM CLASSROOM LOBBY
- 18 LINE INDICATES LOCATION OF DEMOLISHED WALL. EXPOSED STRUCTURE AND BUILDING UTILITIES TO PLAN WEST SHALL BE PAINTED BLACK TO MATCH EXISTING EXPOSED STRUCTURE AND BUILDING UTILITIES TO PLAN EAST, NEW ELEMENTS TO PLAN EAST SHALL BE PAINTED BLACK TO MATCH ACCORDINGLY
- 19 NEW WOOD SHELVING ON PIPE SUPPORTS AT 10' A.F.F, SEE ELEVATION
- 20 LINE DENOTES CHECKOUT COUNTER BELOW
- 21 EXPOSED STRUCTURAL ELEMENTS TO BE PAINTED TO MATCH EXISTING.
- 22 12" IN HEIGHT METAL LETTERS ATTACHED TO PIPE SUPPORTS
- 23 NEW HALF-HEIGHT SWING DOOR, BASIS OF DESIGN: STORE FIXTURES DIRECT SWINGING DOOR, ITEM #W-RW5G
- 25 SALVAGED LINEAR LIGHT SUSPENDED FROM STRUCTURE ABOVE, REF ELECTRICAL
- 26 NEW LINEAR LIGHT SUSPENDED FROM STRUCTURE ABOVE, ALL LIGHTING IN EXPOSED CEILING AREAS SHALL BE INSTALLED AS REQUIRED TO MATCH THE EXISTING INSTALLATION, REF ELECTRICAL
- 27 NEW SUSPENDED TRACK LIGHTING, REF ELECTRICAL
- 28 LINE DENOTES SOFFIT ABOVE
- 29 PIPE SUPPORT SYSTEM DIRECTING POWER AND DATA FROM ABOVE AS WELL AS SUPPORT SOLID WOOD COUNTERTOP DISPLAY WITH PLASTIC LAMINATE BASE CABINETS BELOW, REF FINISHES, REF ELECTRICAL
- 30 NEW LOADING DOCK BUMPER TO BE INSTALLED
- 31 RELOCATED METAL STAIR, OFOI, REF EQUIPMENT SCHEDULE
- 32 INFILL OPENING TO MATCH EXISTING TO BE FLUSH AND SMOOTH
- 33 RELOCATED CONDENSING UNITS WITH NEW HOUSE KEEPING PAD, REF MECHANICAL
- 34 NEW CONCRETE CURB
- 35 NEW CONCRETE SLAB
- 36 NEW GUTTER AND DOWNSPOUT, TO MATCH EXISTING
- 37 EXISTING HARDSCAPE TO REMAIN
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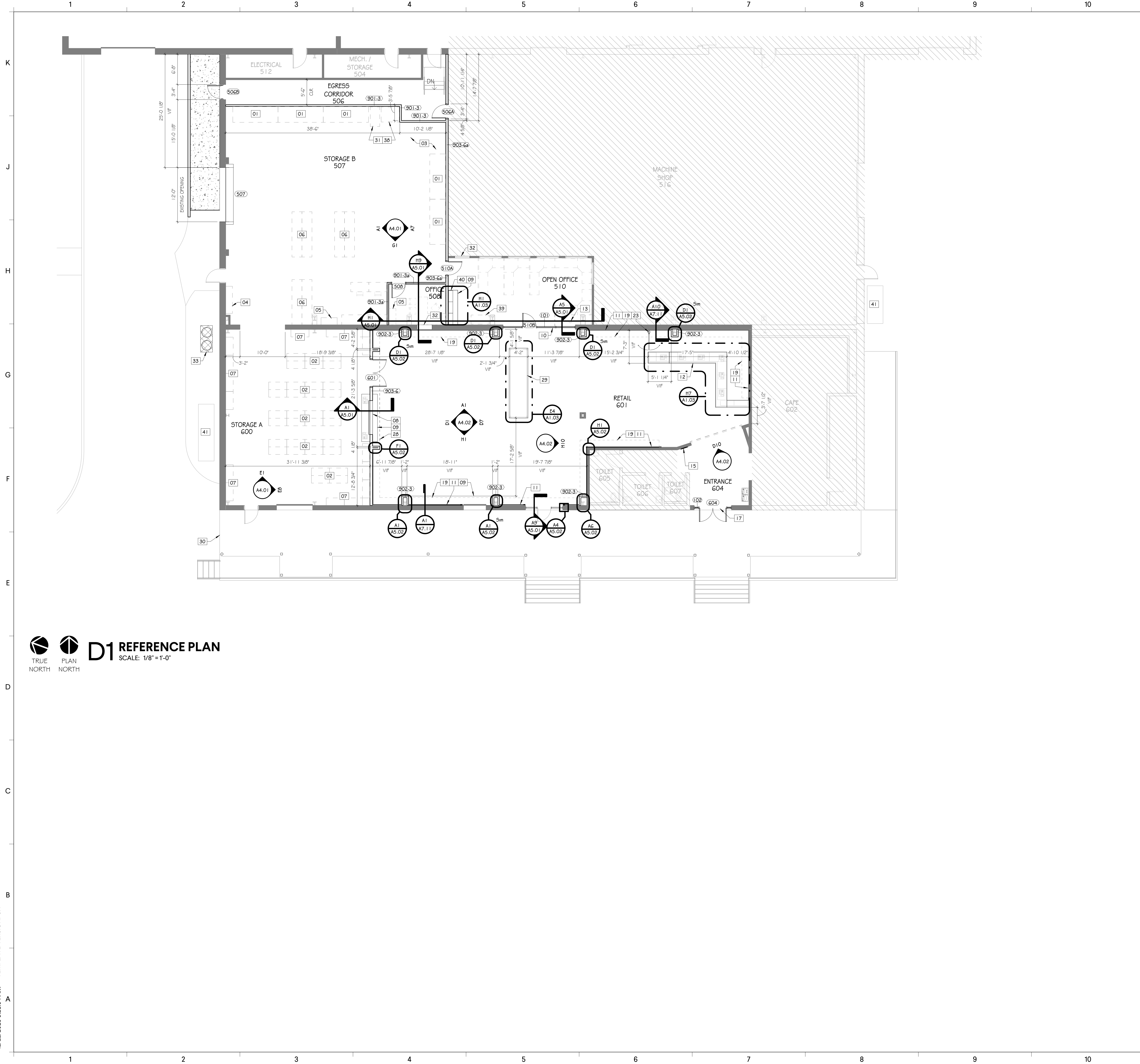
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ARCHITECTURAL SITE
PLAN
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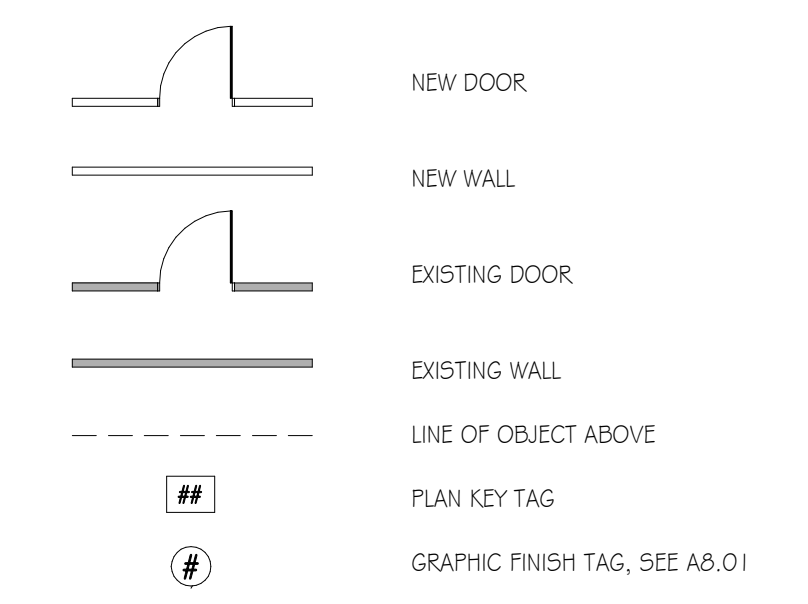


D1 REFERENCE PLAN
SCALE: 1/8" = 1'-0"
TRUE NORTH PLAN NORTH

GENERAL NOTES

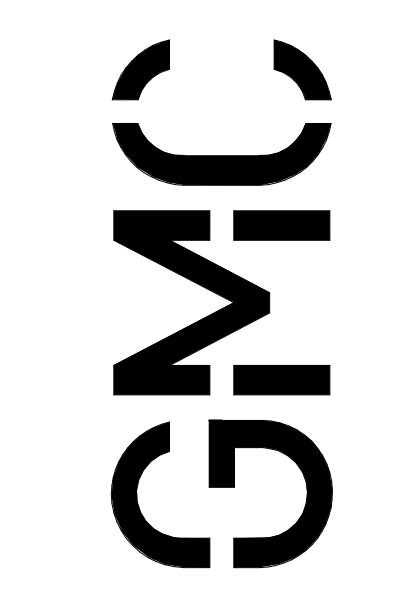
- A. FURNITURE SHOWN FOR REFERENCE ONLY. NOT IN CONTRACT.
- B. REFER TO FINISH LEGEND FOR PAINT COLORS CALLED OUT ON REFLECTED CEILING PLANS AND FINISH PLANS.
- C. UNLESS OTHERWISE NOTED, ALL FLOOR TILE SHALL BE CENTERED IN ROOM.
- D. UNLESS OTHERWISE NOTED, ALL CEILING GRID AND LIGHT FIXTURES SHALL BE CENTERED IN ROOM/OPENING.
- E. CONTRACTOR TO REVIEW WITH ARCHITECT, ON SITE, AREAS WITH MULTIPLE CEILING, WALL, AND FLOOR FINISHES BEFORE FINISH WORK BEGINS.
- F. REFER TO RCP LEGEND ON OVERALL REFLECTED CEILING PLANS FOR RCP ABBREVIATIONS AND FINISHES.
- G. WALL TILE AND BASE GROUT LINES SHALL ALIGN WITH FLOOR TILE.
- H. PROVIDE BLOCKING FOR GRAB BARS AND TOILET ACCESSORIES IN RESTROOMS.

FLOOR PLAN LEGEND

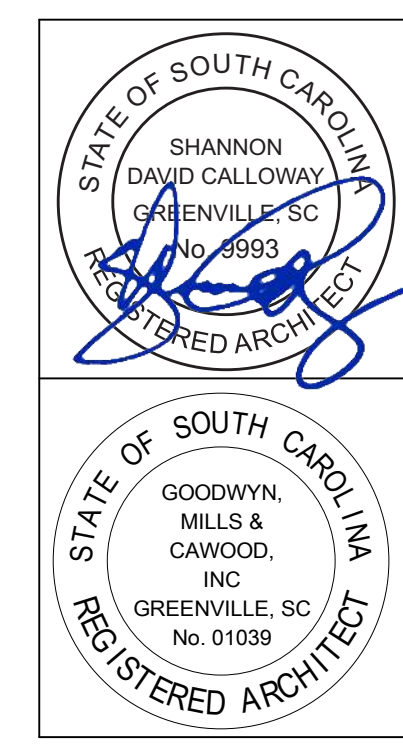


PLAN KEYNOTES

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- 02 RELOCATED GONDOLA SHELVING, OFOI, REF EQUIPMENT SCHEDULE
- 03 STORAGE FOR FORKLIFT, REF EQUIPMENT SCHEDULE, AND CHARGING STATION, REF ELECTRICAL
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- 19 NEW WOOD SHELVING ON PIPE SUPPORTS AT 1'0" A.F.F., SEE ELEVATION
- 20 LINE DENOTES CHECKOUT COUNTER BELOW
- 21 EXPOSED STRUCTURAL ELEMENTS TO BE PAINTED TO MATCH EXISTING.
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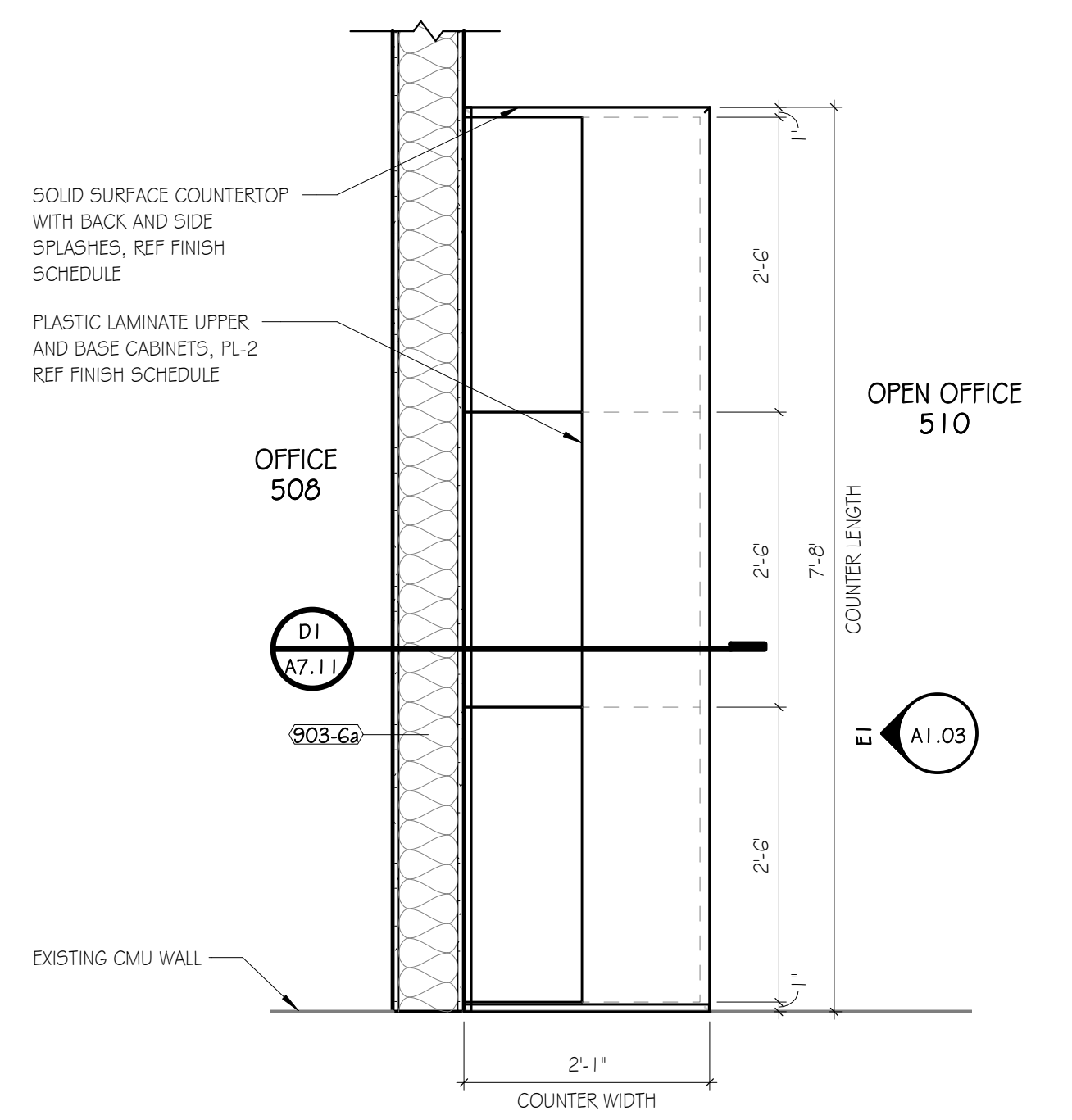
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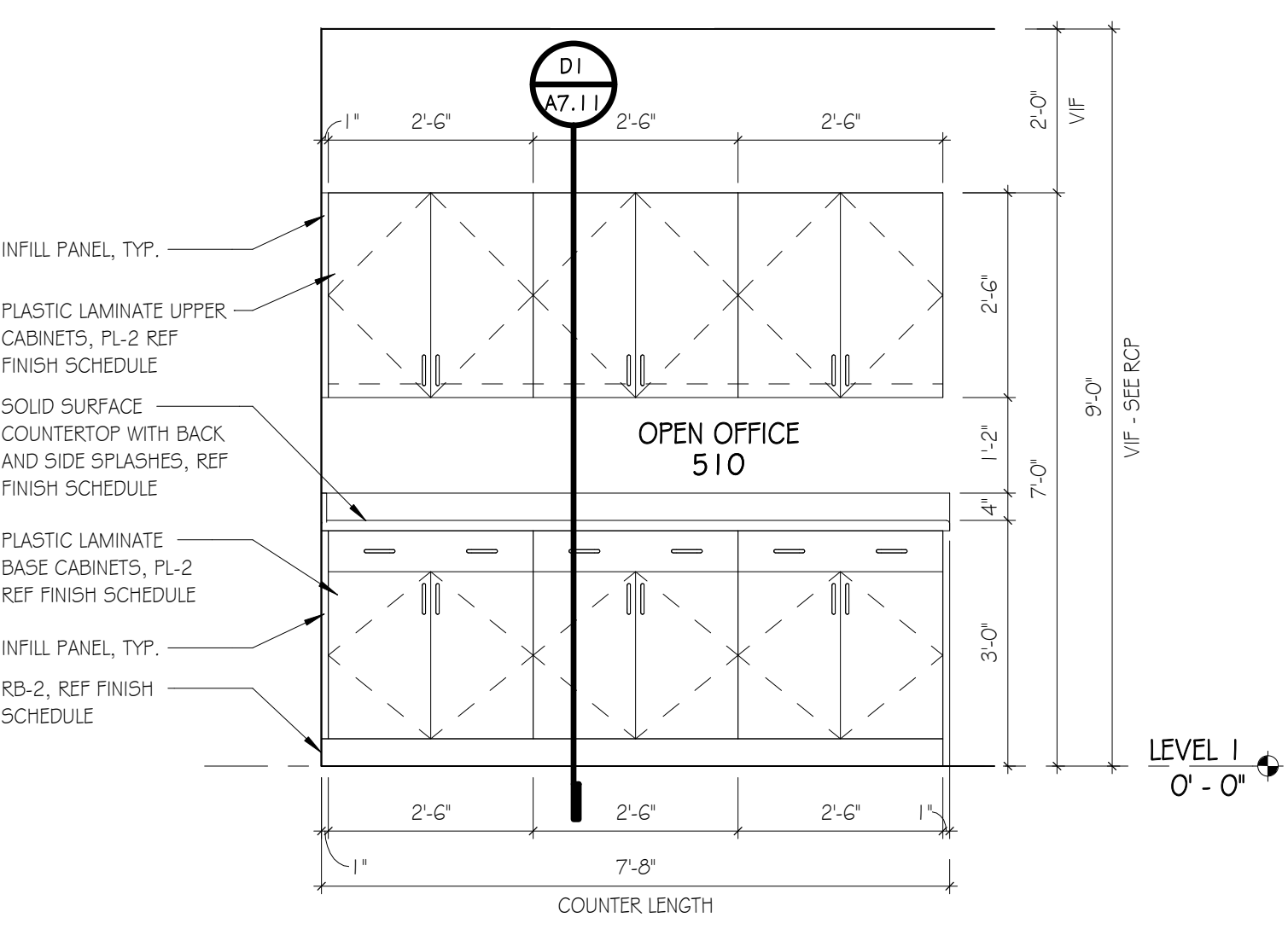
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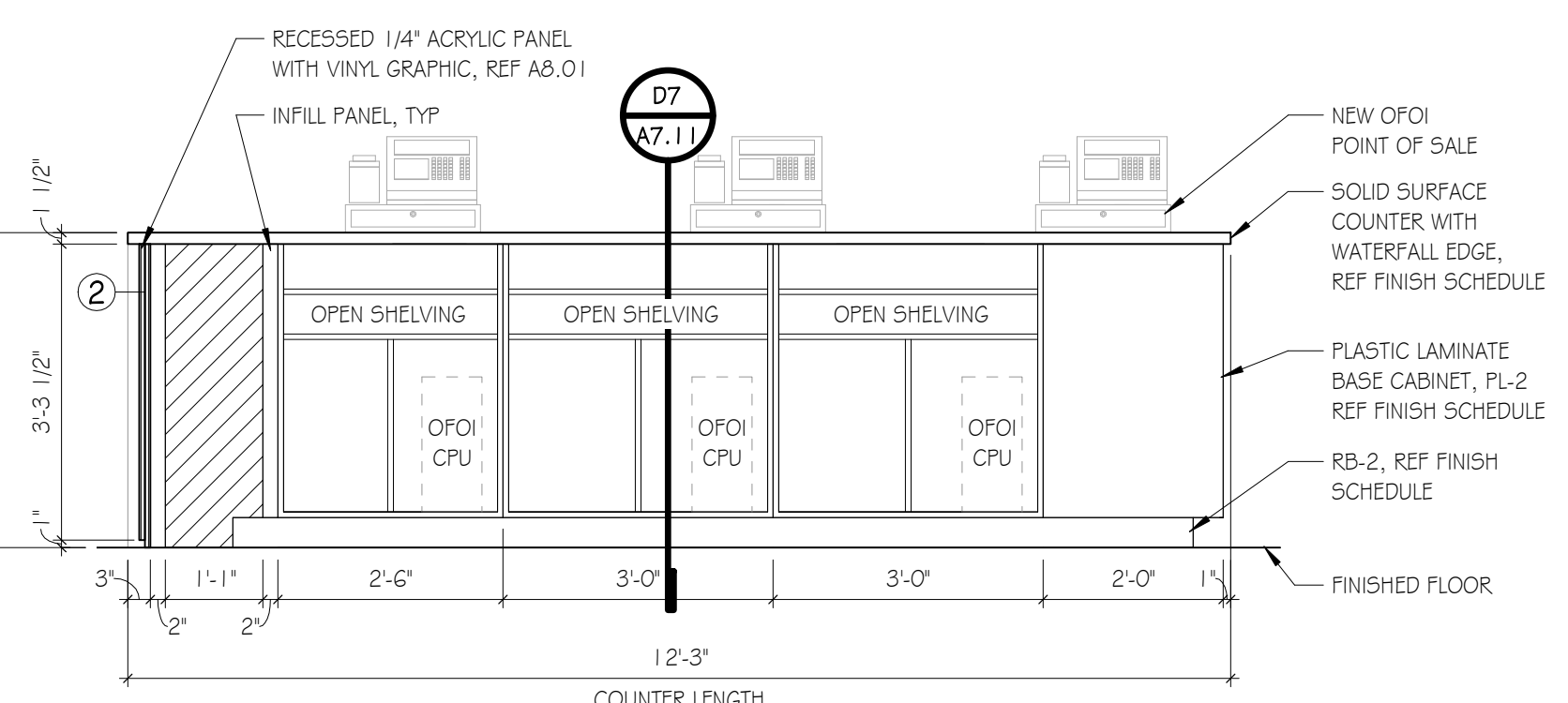
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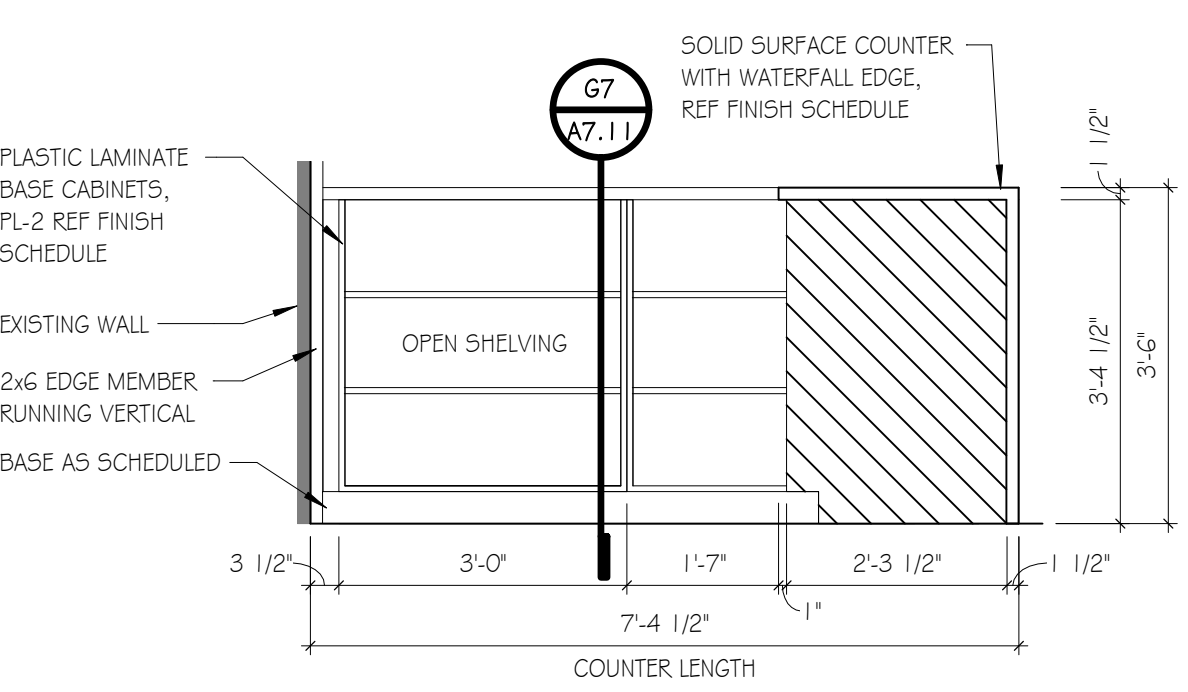
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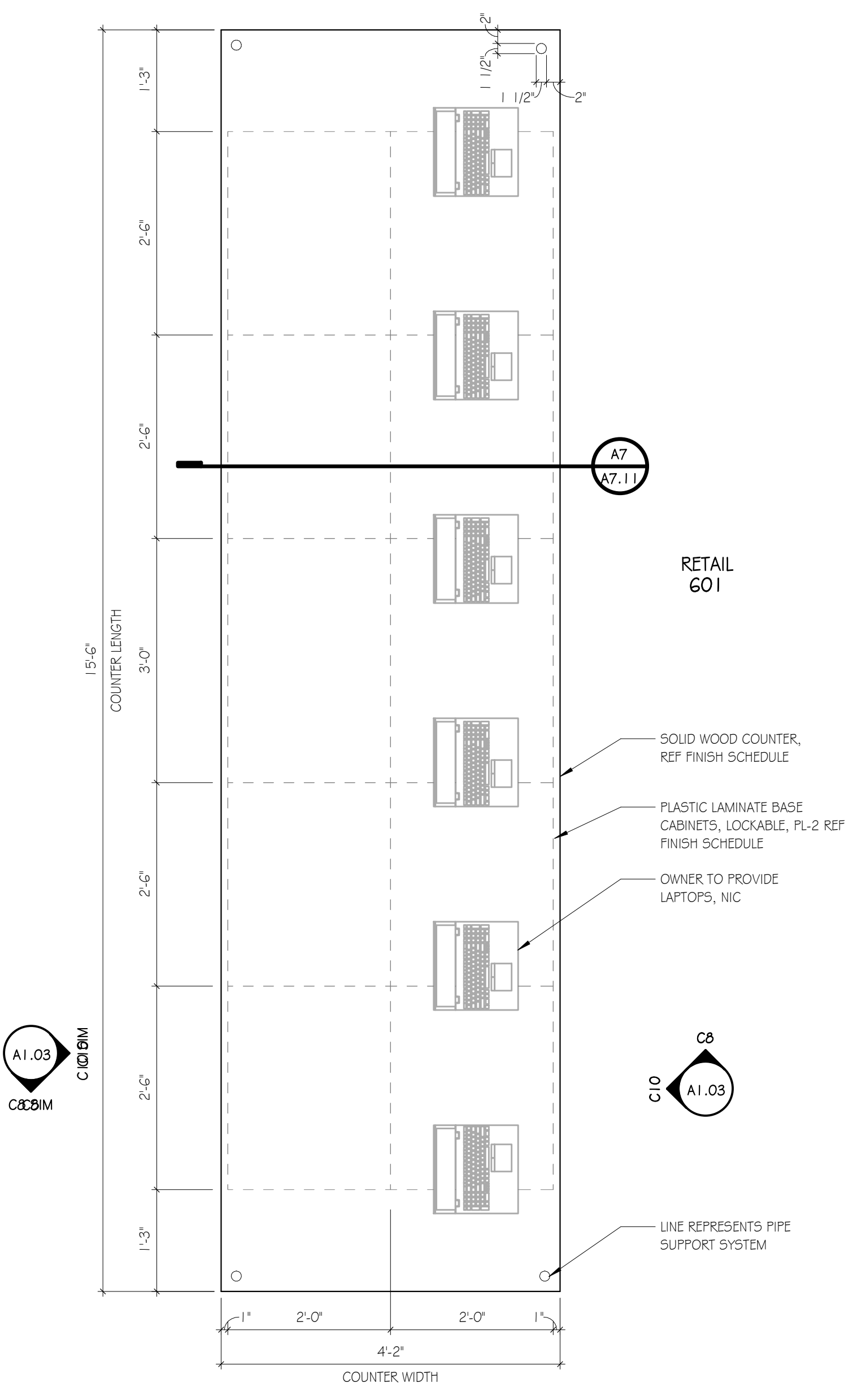
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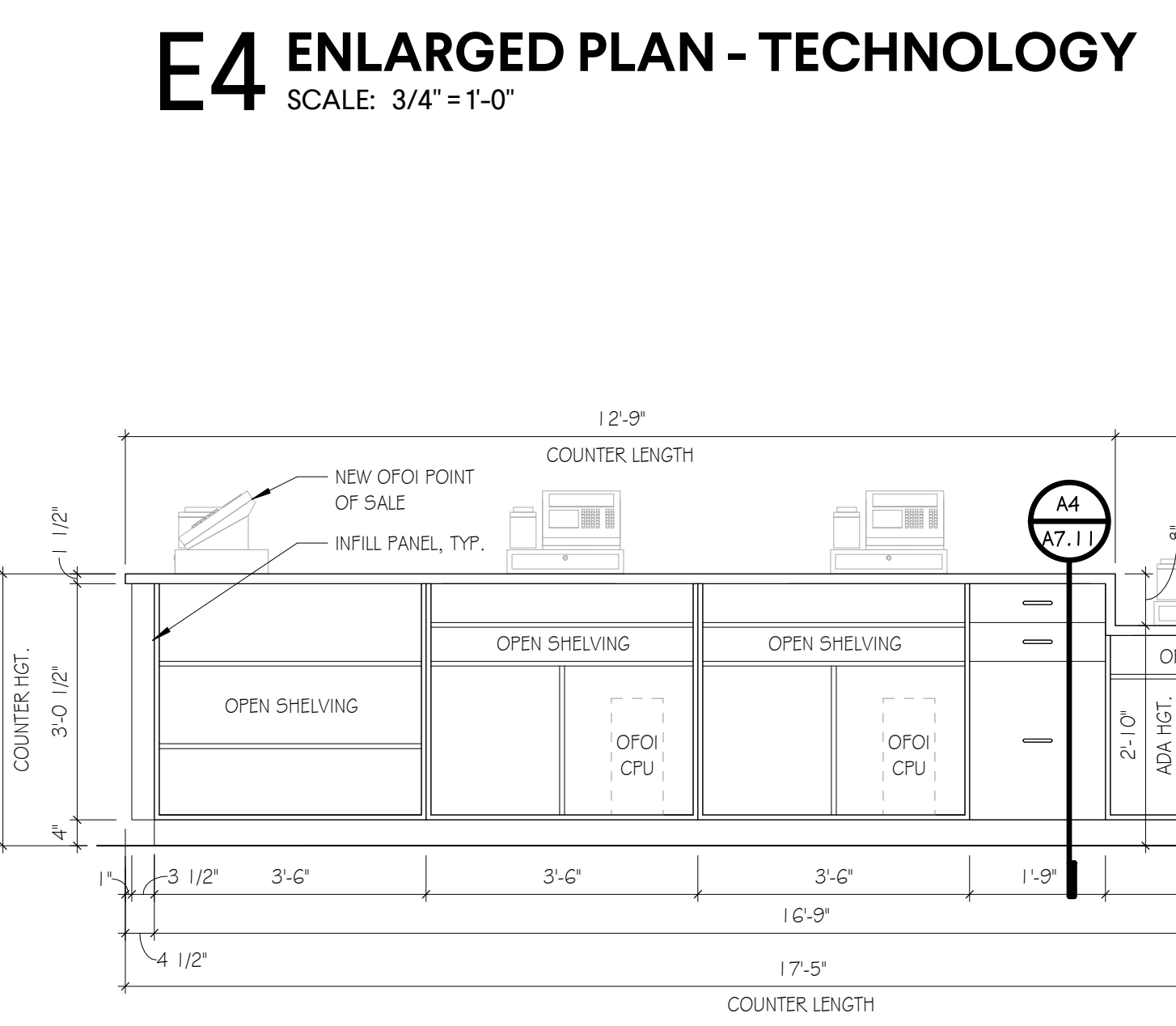
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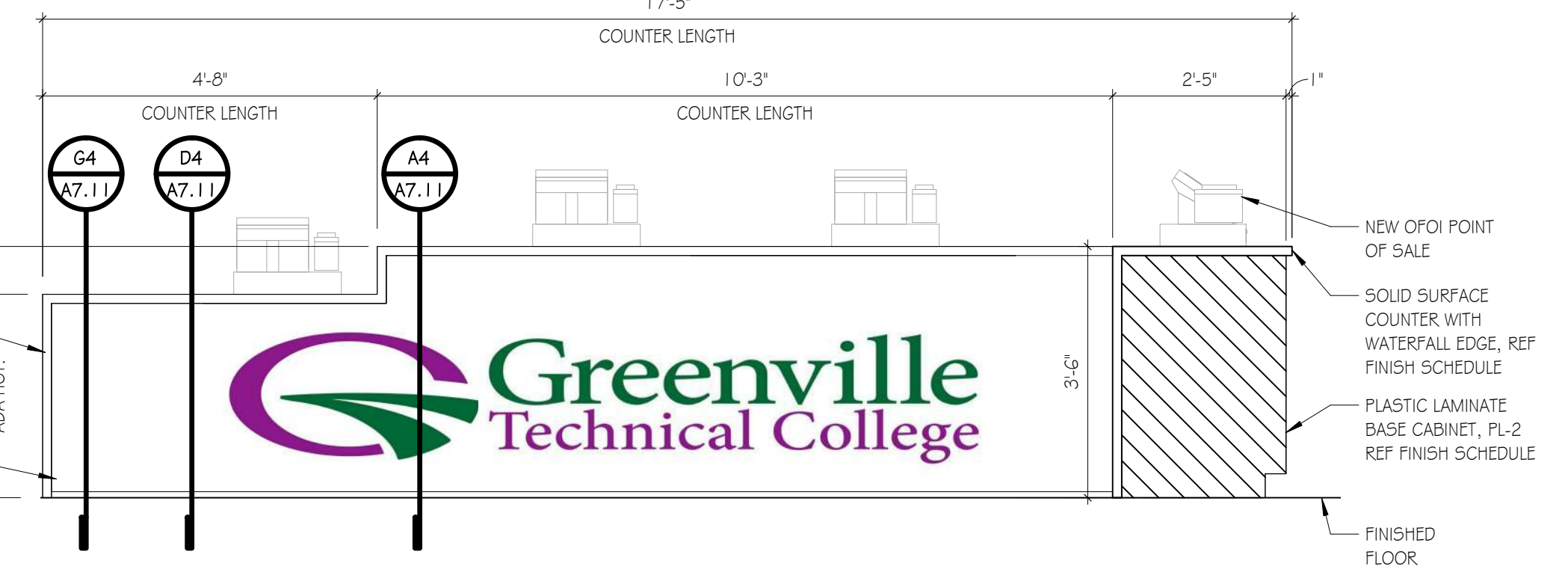
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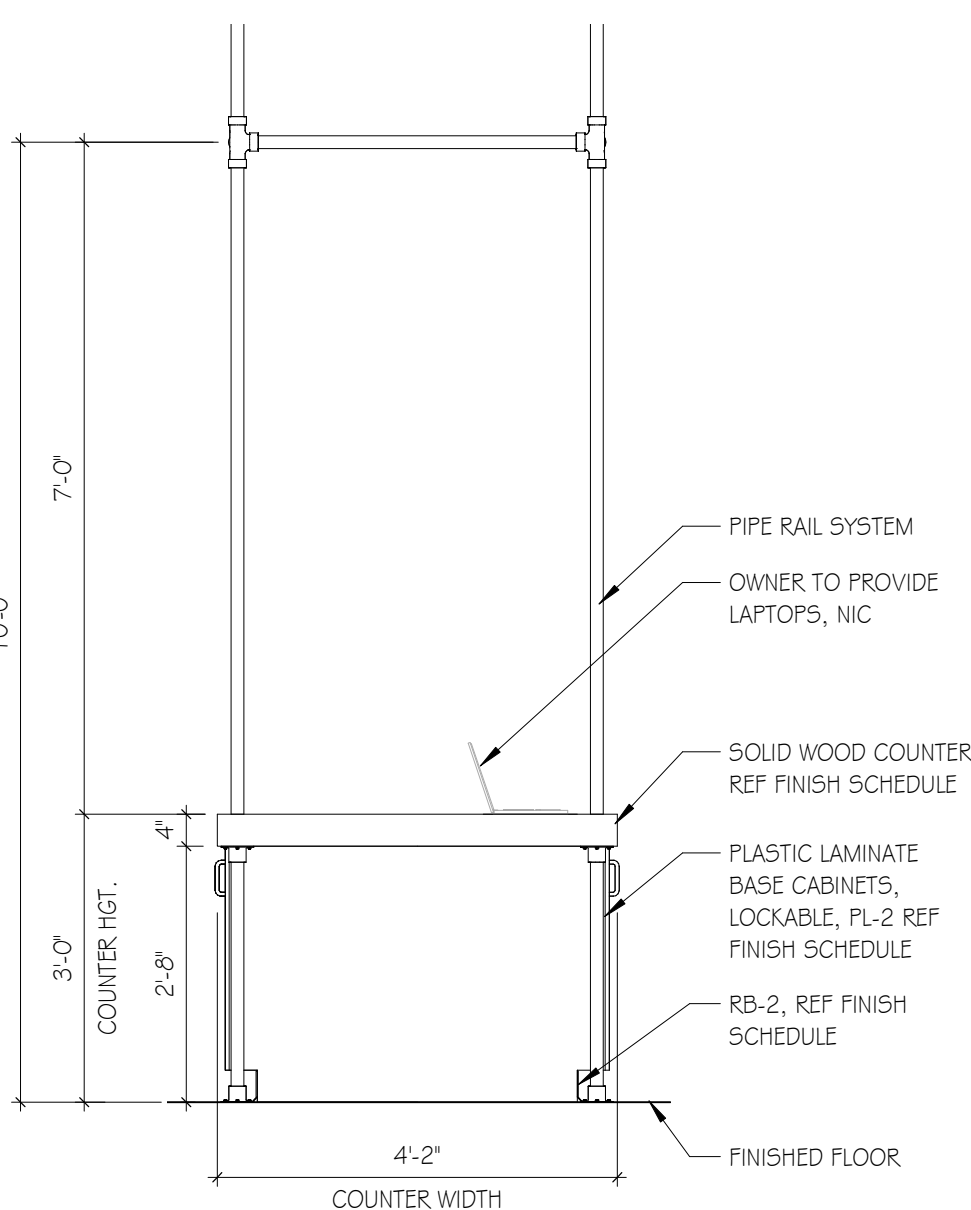
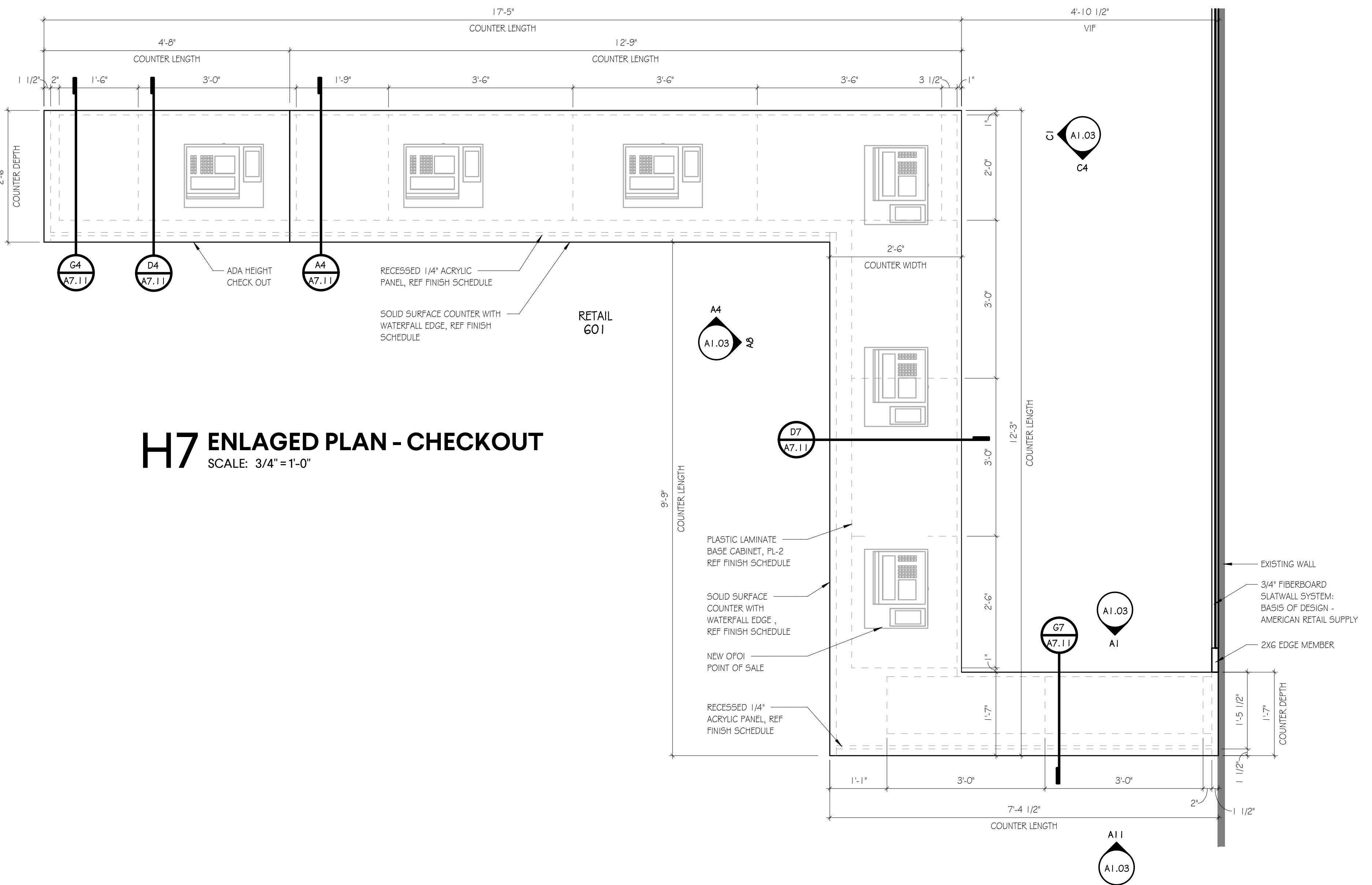
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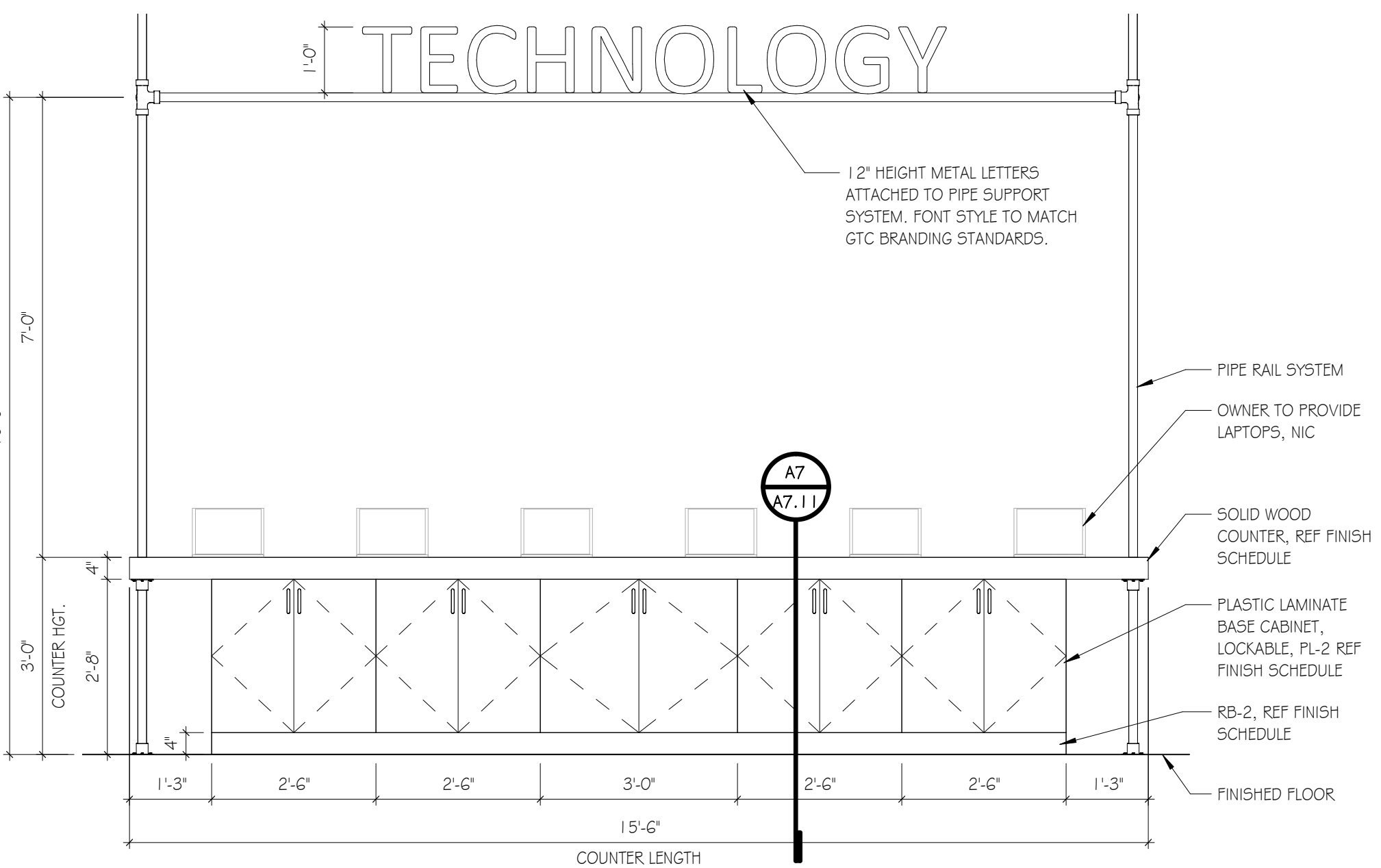
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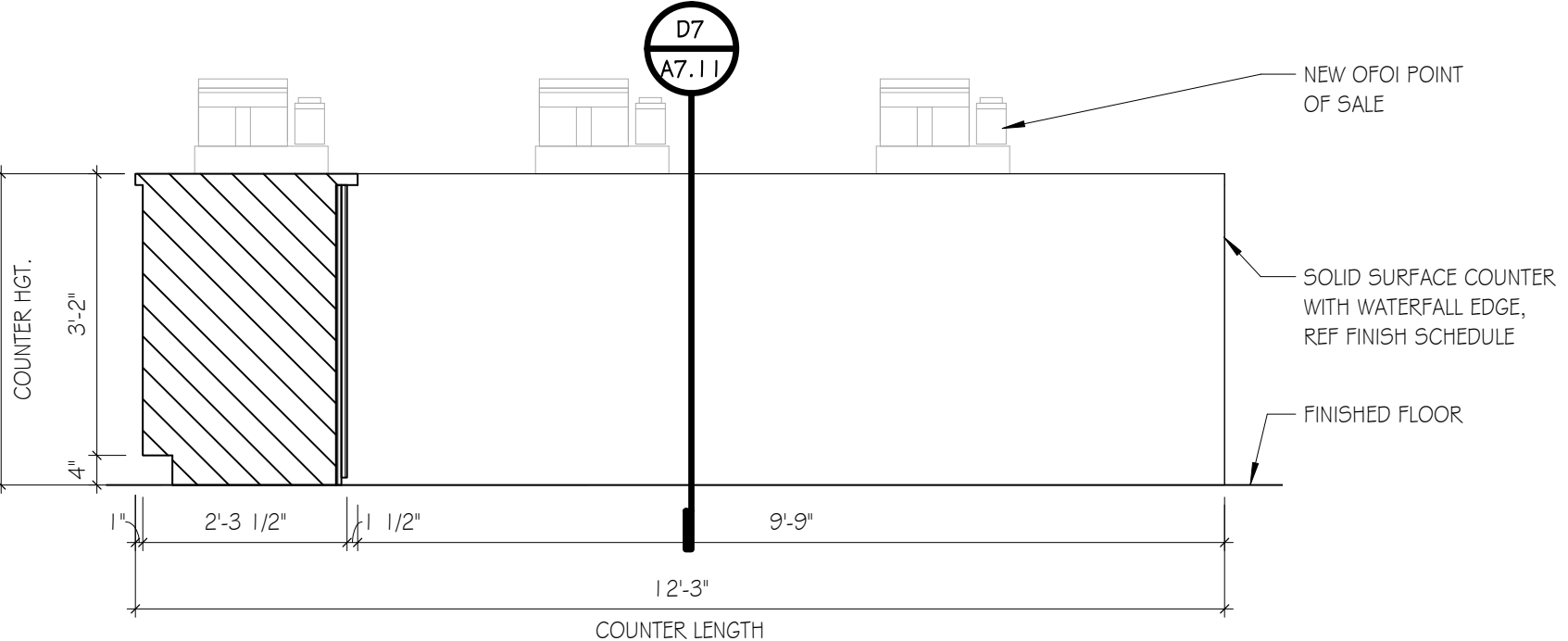
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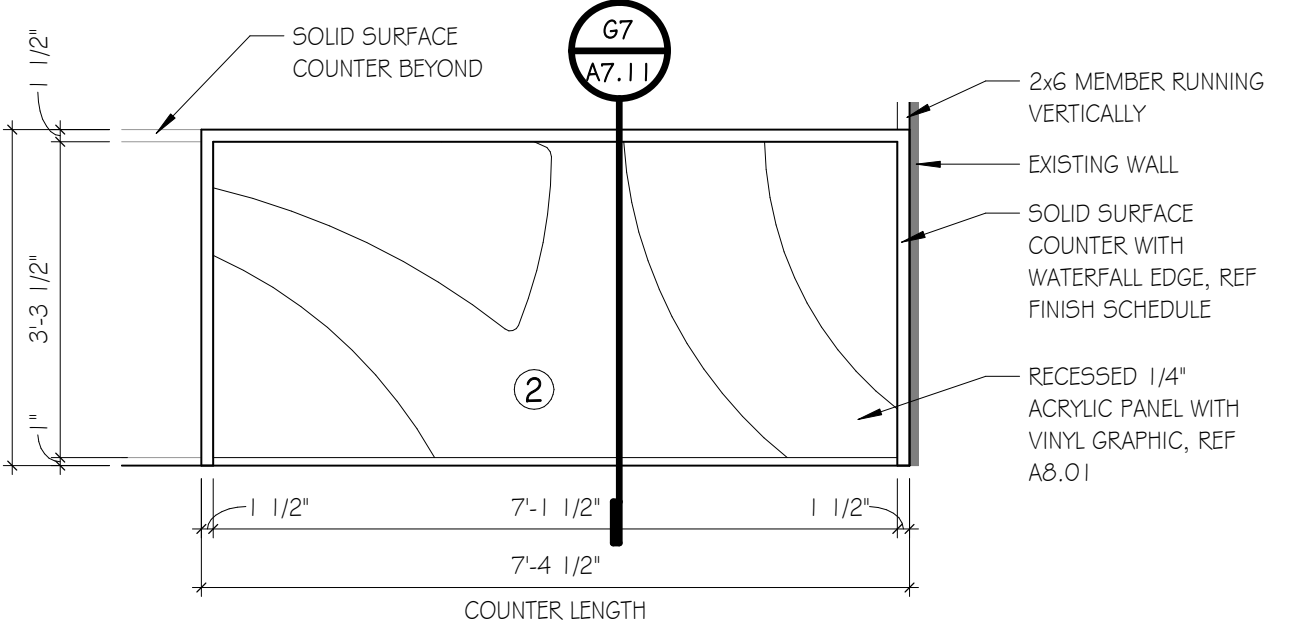
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SCALE: 1/2"=1'-0"



C10 INT. ELEV.
SCALE: 1/2"=1'-0"



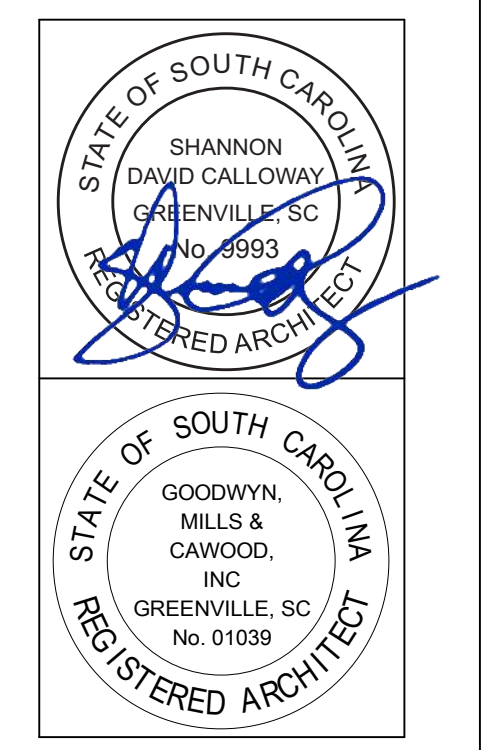
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SCALE: 1/2"=1'-0"



A11 INT. ELEV.
SCALE: 1/2"=1'-0"



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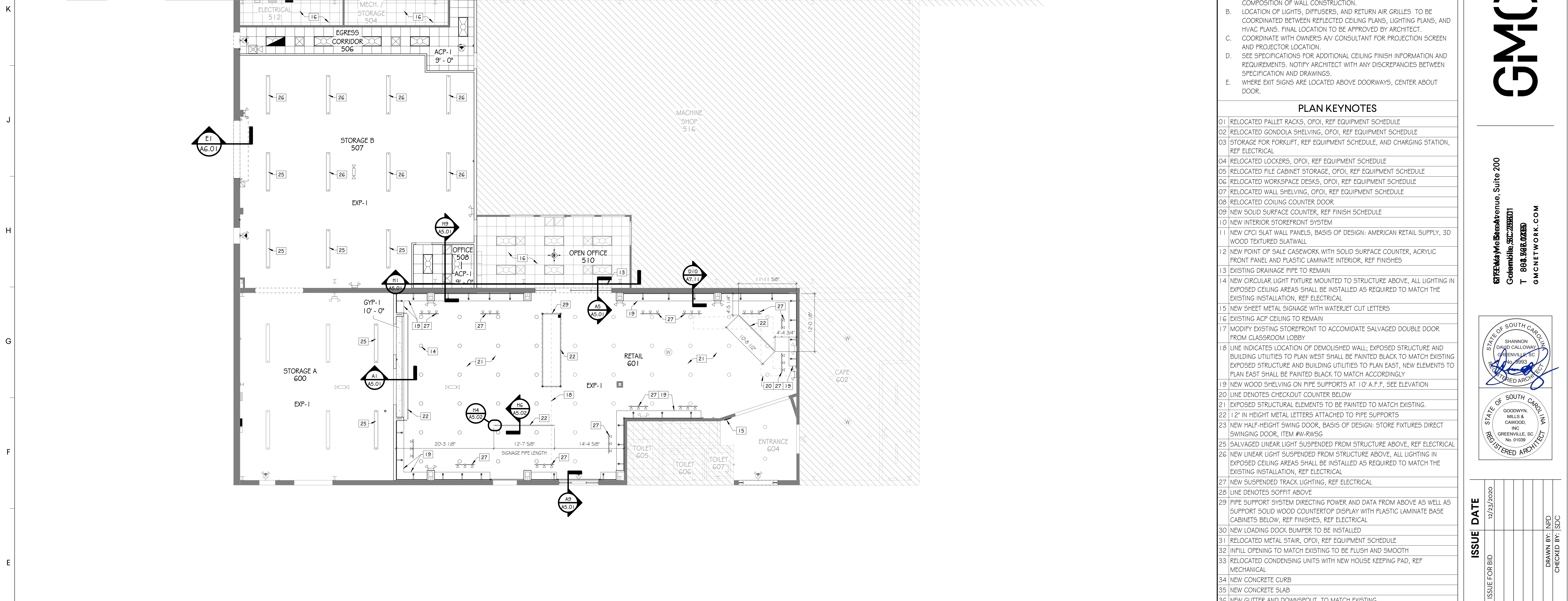
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1	12/23/2020

ISSUE FOR BID

GREENVILLE - BLDG. 103
BOOKSTORE EXPANSION
506 S PLEASANTBURG DR,
GREENVILLE, SC 29607
GMC # AGRE200029
OSE # H59-N046-PD

ENLARGED PLANS
A1.03

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REFLECTED CEILING PLAN NOTES

- A. INTERIOR CEILING HEIGHTS AS INDICATED ON THE REFLECTED CEILING PLANS. REFER TO CONSTRUCTION FLOOR PLANS FOR REQUIRED COMPOSITION OF WALL CONSTRUCTION.
- B. LOCATION OF LIGHTS, DIFFUSERS, AND RETURN AIR GRILLES TO BE COORDINATED BETWEEN REFLECTED CEILING PLANS, LIGHTING PLANS, AND HVAC PLANS. FINAL LOCATION TO BE APPROVED BY ARCHITECT.
- C. COORDINATE WITH OWNER'S AV CONSULTANT FOR PROJECTION SCREEN AND PROJECTOR LOCATION.
- D. SEE SPECIFICATIONS FOR ADDITIONAL CEILING FINISH INFORMATION AND REQUIREMENTS. NOTIFY ARCHITECT WITH ANY DISCREPANCIES BETWEEN SPECIFICATION AND DRAWINGS.
- E. WHERE EXIT SIGNS ARE LOCATED ABOVE DOORWAYS, CENTER ABOUT DOOR.

PLAN KEYNOTES

- 01 RELOCATED PALLET RACKS, OFOI, REF EQUIPMENT SCHEDULE
- 02 RELOCATED GONDOLA SHELVING, OFOI, REF EQUIPMENT SCHEDULE
- 03 STORAGE FOR FORKLIFT, REF EQUIPMENT SCHEDULE, AND CHARGING STATION, REF ELECTRICAL
- 04 RELOCATED LOCKERS, OFOI, REF EQUIPMENT SCHEDULE
- 05 RELOCATED FILE CABINET STORAGE, OFOI, REF EQUIPMENT SCHEDULE
- 06 RELOCATED WORKSPACE DESKS, OFOI, REF EQUIPMENT SCHEDULE
- 07 RELOCATED WALL SHELVING, OFOI, REF EQUIPMENT SCHEDULE
- 08 RELOCATED COILING COUNTER DOOR
- 09 NEW SOLID SURFACE COUNTER, REF FINISH SCHEDULE
- 10 NEW INTERIOR STOREFRONT SYSTEM
- 11 NEW CFCI SLAT WALL PANELS, BASIS OF DESIGN: AMERICAN RETAIL SUPPLY, 3D WOOD TEXTURED SLATWALL
- 12 NEW POINT OF SALE CASEWORK WITH SOLID SURFACE COUNTER, ACRYLIC FRONT PANEL AND PLASTIC LAMINATE INTERIOR, REF FINISHES
- 13 EXISTING DRAINAGE PIPE TO REMAIN
- 14 NEW CIRCULAR LIGHT FIXTURE MOUNTED TO STRUCTURE ABOVE, ALL LIGHTING IN EXPOSED CEILING AREAS SHALL BE INSTALLED AS REQUIRED TO MATCH THE EXISTING INSTALLATION, REF ELECTRICAL
- 15 NEW SHEET METAL SIGNAGE WITH WATERJET CUT LETTERS
- 16 EXISTING ACP CEILING TO REMAIN
- 17 MODIFY EXISTING STOREFRONT TO ACCOMMODATE SALVAGED DOUBLE DOOR FROM CLASSROOM LOBBY
- 18 LINE INDICATES LOCATION OF DEMOLISHED WALL; EXPOSED STRUCTURE AND BUILDING UTILITIES TO PLAN WEST SHALL BE PAINTED BLACK TO MATCH EXISTING EXPOSED STRUCTURE AND BUILDING UTILITIES TO PLAN EAST, NEW ELEMENTS TO PLAN EAST SHALL BE PAINTED BLACK TO MATCH ACCORDINGLY
- 19 NEW WOOD SHELVING ON PIPE SUPPORTS AT 10' A.F.F., SEE ELEVATION
- 20 LINE DENOTES CHECKOUT COUNTER BELOW
- 21 EXPOSED STRUCTURAL ELEMENTS TO BE PAINTED TO MATCH EXISTING.
- 22 12" IN HEIGHT METAL LETTERS ATTACHED TO PIPE SUPPORTS
- 23 NEW HALF-HEIGHT SWING DOOR, BASIS OF DESIGN: STORE FIXTURES DIRECT SWINGING DOOR, ITEM #W-RWSG
- 25 SALVAGED LINEAR LIGHT SUSPENDED FROM STRUCTURE ABOVE, REF ELECTRICAL
- 26 NEW LINEAR LIGHT SUSPENDED FROM STRUCTURE ABOVE, ALL LIGHTING IN EXPOSED CEILING AREAS SHALL BE INSTALLED AS REQUIRED TO MATCH THE EXISTING INSTALLATION, REF ELECTRICAL
- 27 NEW SUSPENDED TRACK LIGHTING, REF ELECTRICAL
- 28 LINE DENOTES SOFFIT ABOVE
- 29 PIPE SUPPORT SYSTEM DIRECTING POWER AND DATA FROM ABOVE AS WELL AS SUPPORT SOLID WOOD COUNTERTOP DISPLAY WITH PLASTIC LAMINATE BASE CABINETS BELOW, REF FINISHES, REF ELECTRICAL
- 30 NEW LOADING DOCK BUMPER TO BE INSTALLED
- 31 RELOCATED METAL STAIR, OFOI, REF EQUIPMENT SCHEDULE
- 32 INFILL OPENING TO MATCH EXISTING TO BE FLUSH AND SMOOTH
- 33 RELOCATED CONDENSING UNITS WITH NEW HOUSE KEEPING PAD, REF MECHANICAL
- 34 NEW CONCRETE CURB
- 35 NEW CONCRETE SLAB
- 36 NEW GUTTER AND DOWNSPOUT, TO MATCH EXISTING
- 37 EXISTING HARDSCAPE TO REMAIN
- 38 RELOCATED PALLET OF SHOPPING BASKETS, OFOI, REF EQUIPMENT SCHEDULE
- 39 NEW OFOI PRINTER
- 40 NEW PLASTIC LAMINATE UPPER AND BASE CABINETS
- 41 EXISTING CONDENSING UNITS TO REMAIN
- 42 NEW AND EXISTING CONCRETE SLAB TO BE FLUSH

REFLECTED CEILING PLAN LEGEND

CEILING FINISHES:

- 2X2' LAY-IN ACOUSTICAL CEILING & GRID SYSTEM
- GYPSUM BOARD - INTERIOR
- EXPOSED STRUCTURE
- 2X2 LAY-IN METAL CEILING & GRID SYSTEM

MECHANICAL:

- SUPPLY DIFFUSER
- SUPPLY DIFFUSER
- RETURN AIR GRILLE
- EXHAUST FAN

LIGHTING:

- FIRE ALARM
- EXIT SIGN
- 2X4 RECESSED FIXTURE
- LINEAR SUSPENDED FIXTURE
- CIRCULAR PENDANT FIXTURE

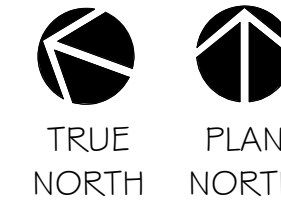
FLOOR PLAN LEGEND

- NEW DOOR
- NEW WALL
- EXISTING DOOR
- EXISTING WALL
- LINE OF OBJECT ABOVE
- PLAN KEY TAG
- GRAPHIC FINISH TAG, SEE AB.01

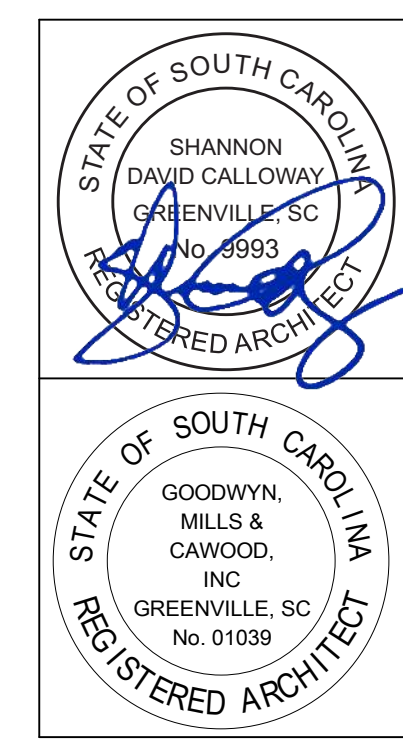
CEILING FINISH LEGEND

NUMBER	TYPE	DETAIL DESCRIPTION
ACP-1	ACOUSTICAL CEILING PANEL SYSTEM	PRODUCT EQUAL TO: MATCH EXISTING MANUFACTURER: ARMSTRONG STYLE: CORTEGA; SQUARE LAY-IN COLOR: WHITE SIZE: 24" X 24" X THK" SUSPENSION SYSTEM: MATCH EXISTING
EXP-I	EXPOSED TO STRUCTURE	EXPOSED TO STRUCTURE - PAINT AS REQUIRED TO MATCH EXISTING

D1 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



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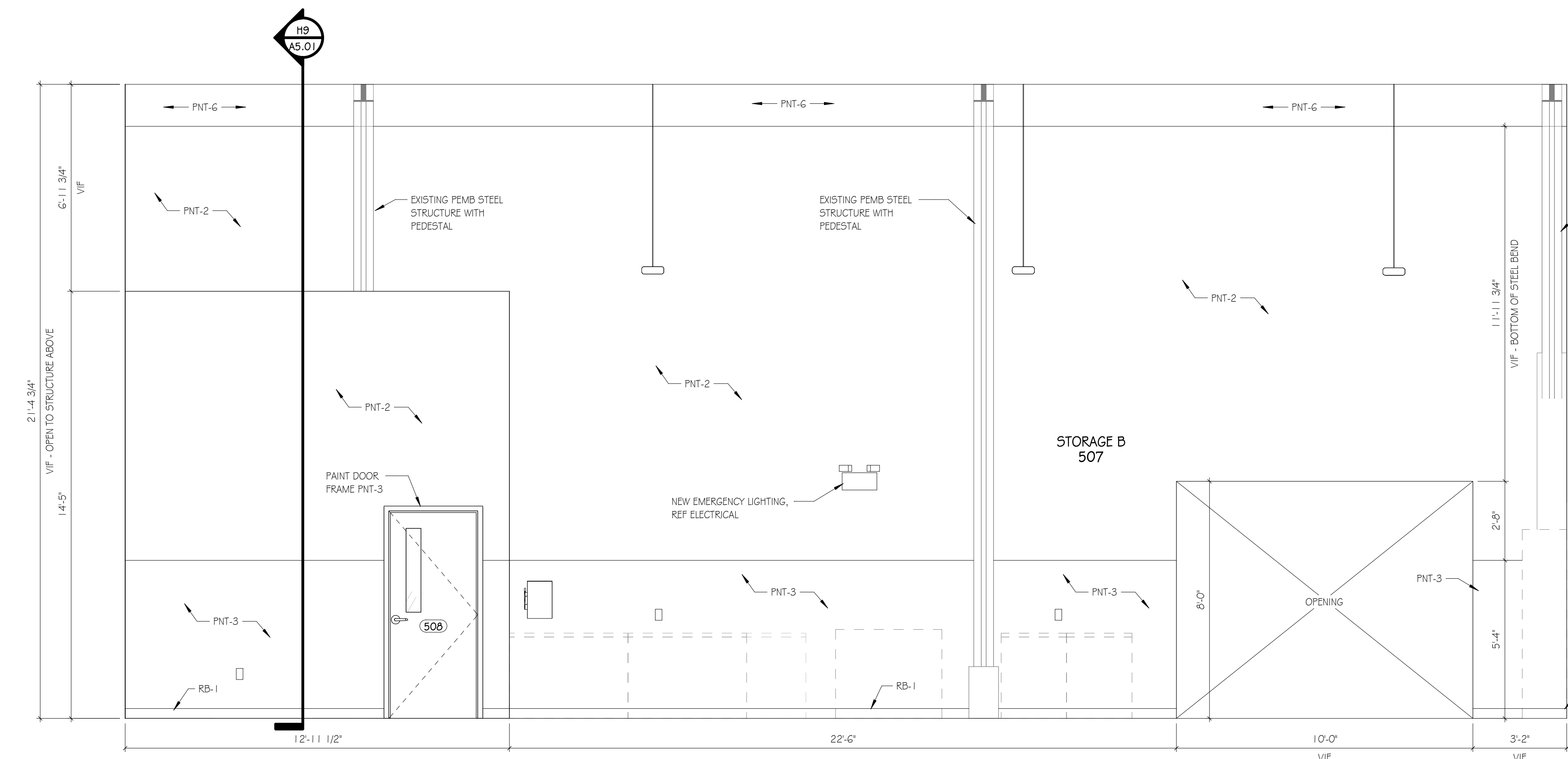
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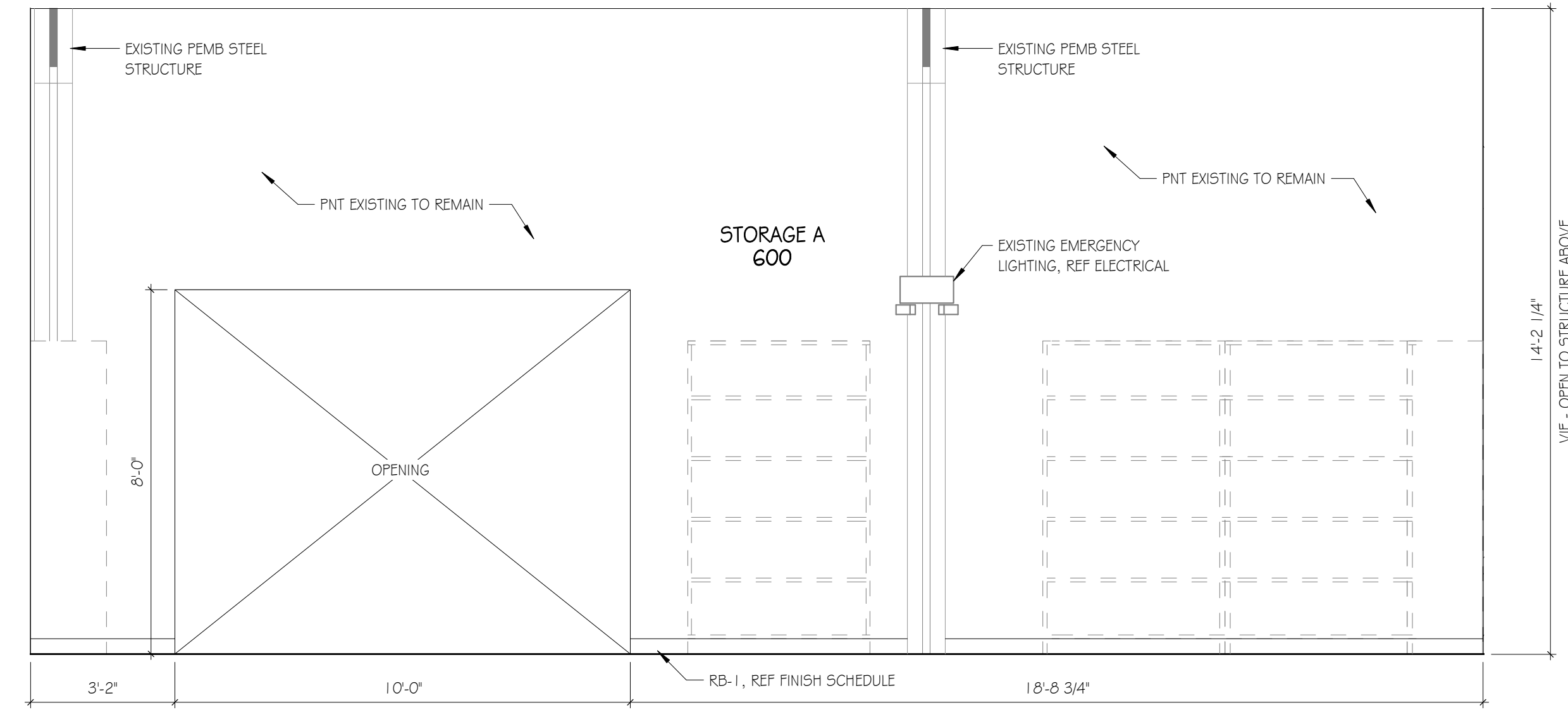
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OSE # H59-N046-PD

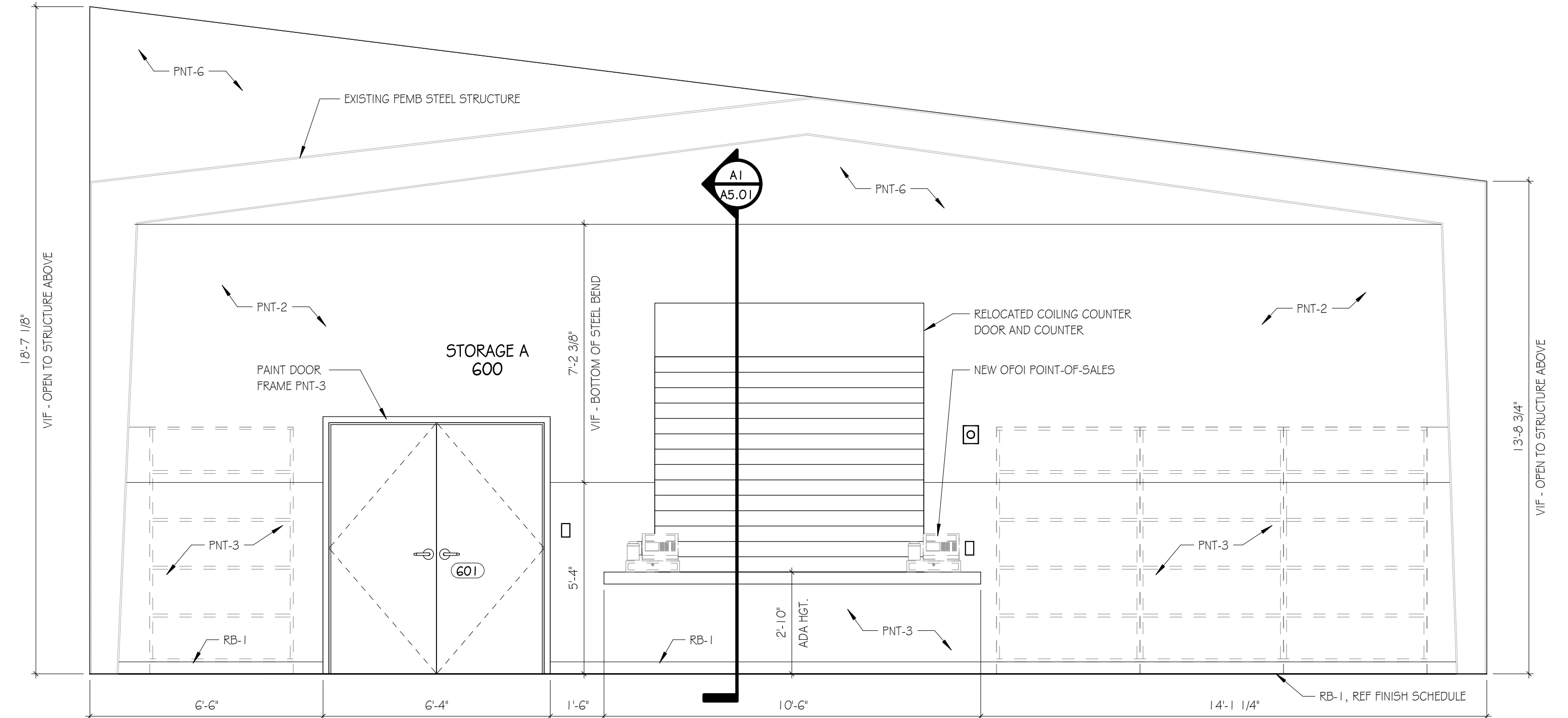
REFLECTED CEILING PLAN
A2.01



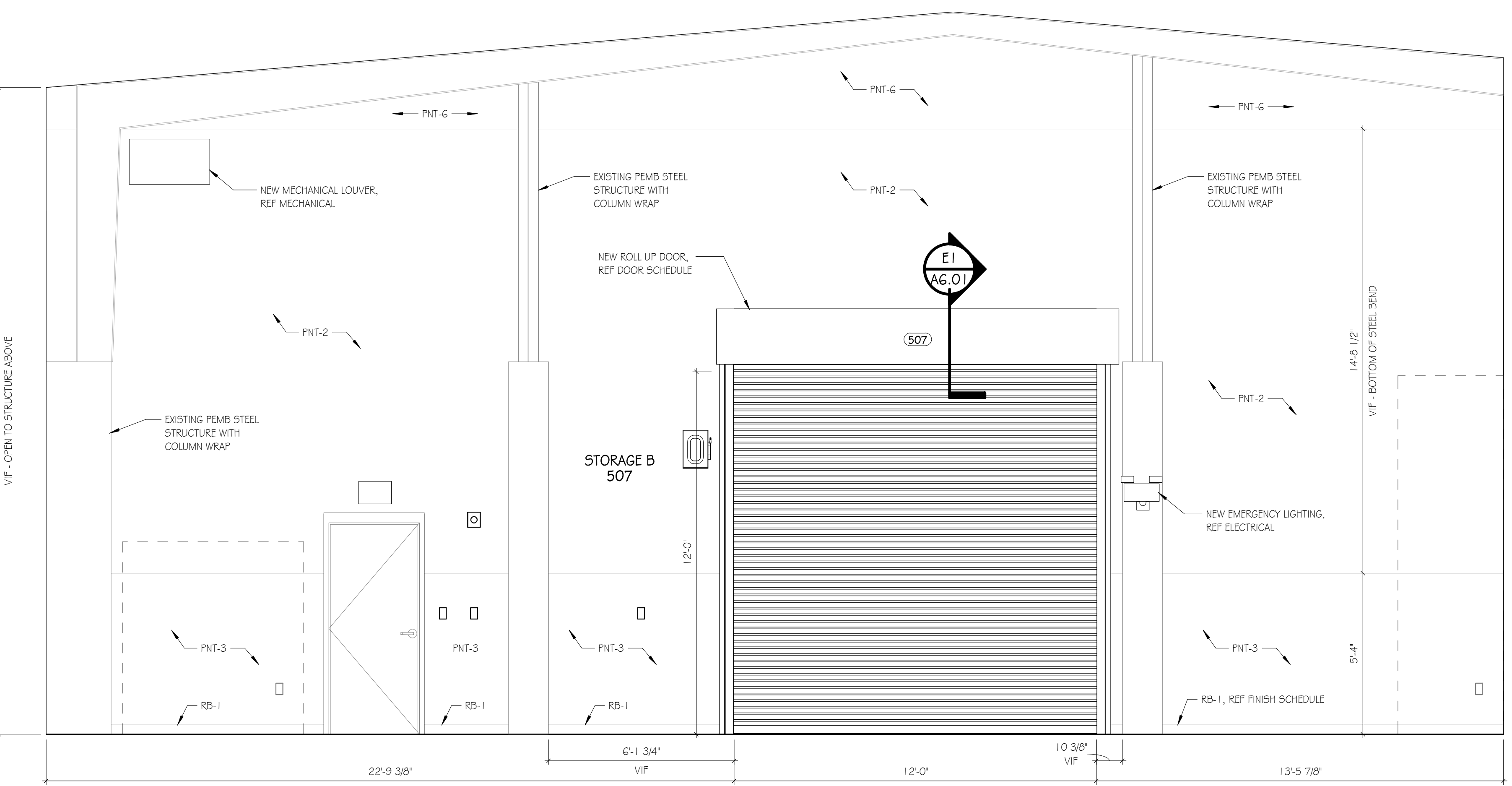
G1 INT. ELEV.
SCALE: 3/8" = 1'-0"



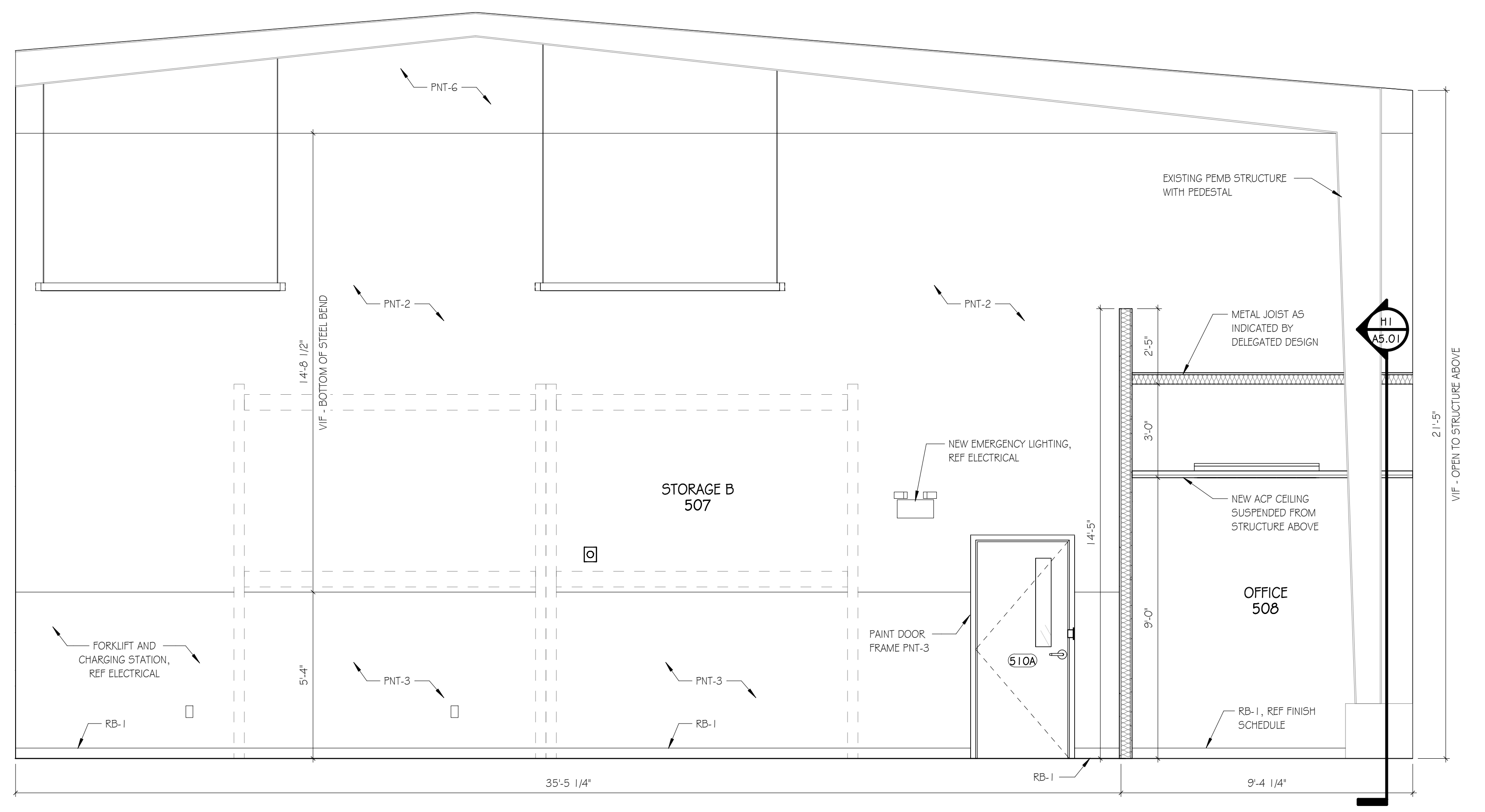
E1 INT. ELEV.
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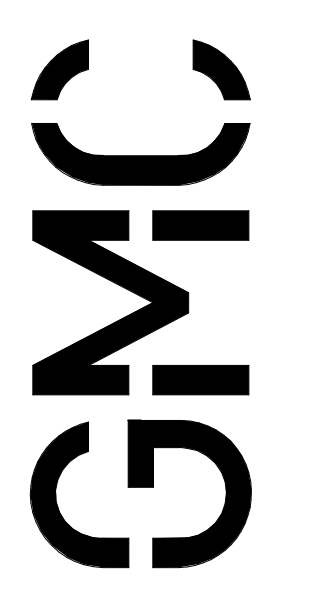
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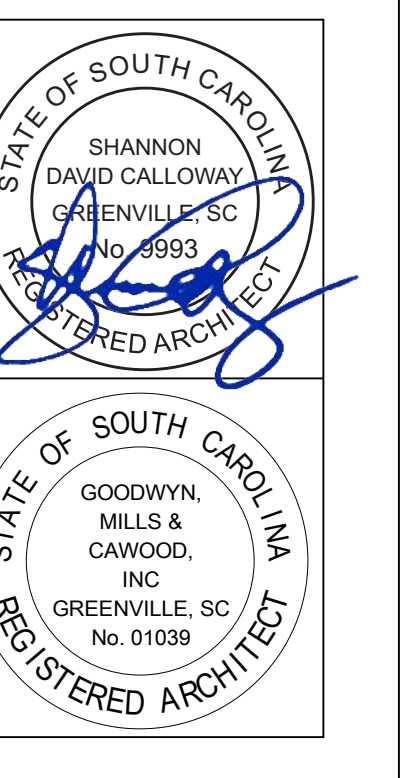
A1 INT. ELEV.
SCALE: 3/8" = 1'-0"



A7 INT. ELEV.
SCALE: 3/8" = 1'-0"



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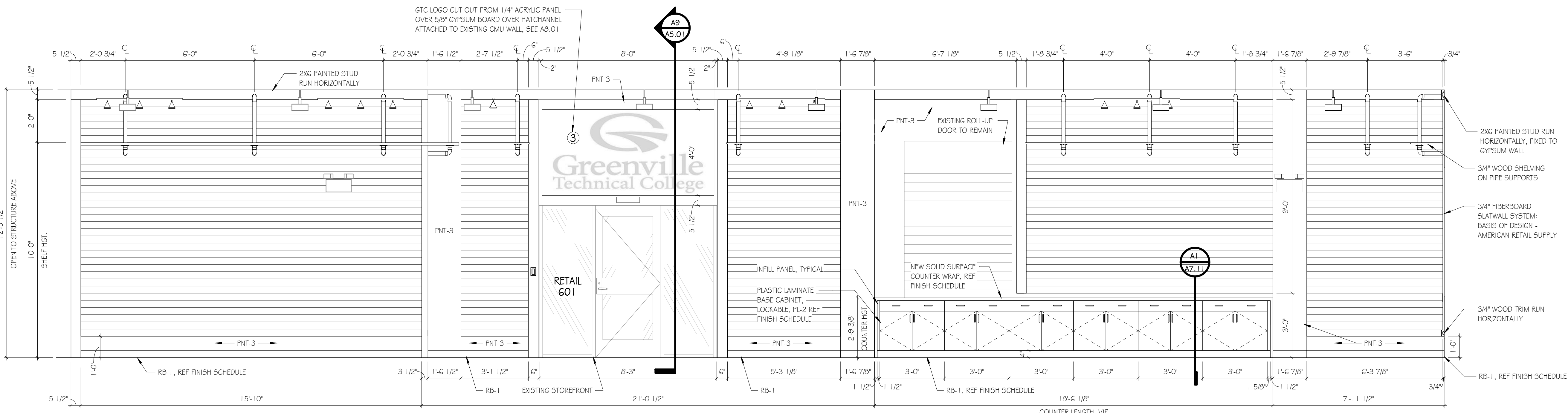
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INTERIOR ELEVATIONS

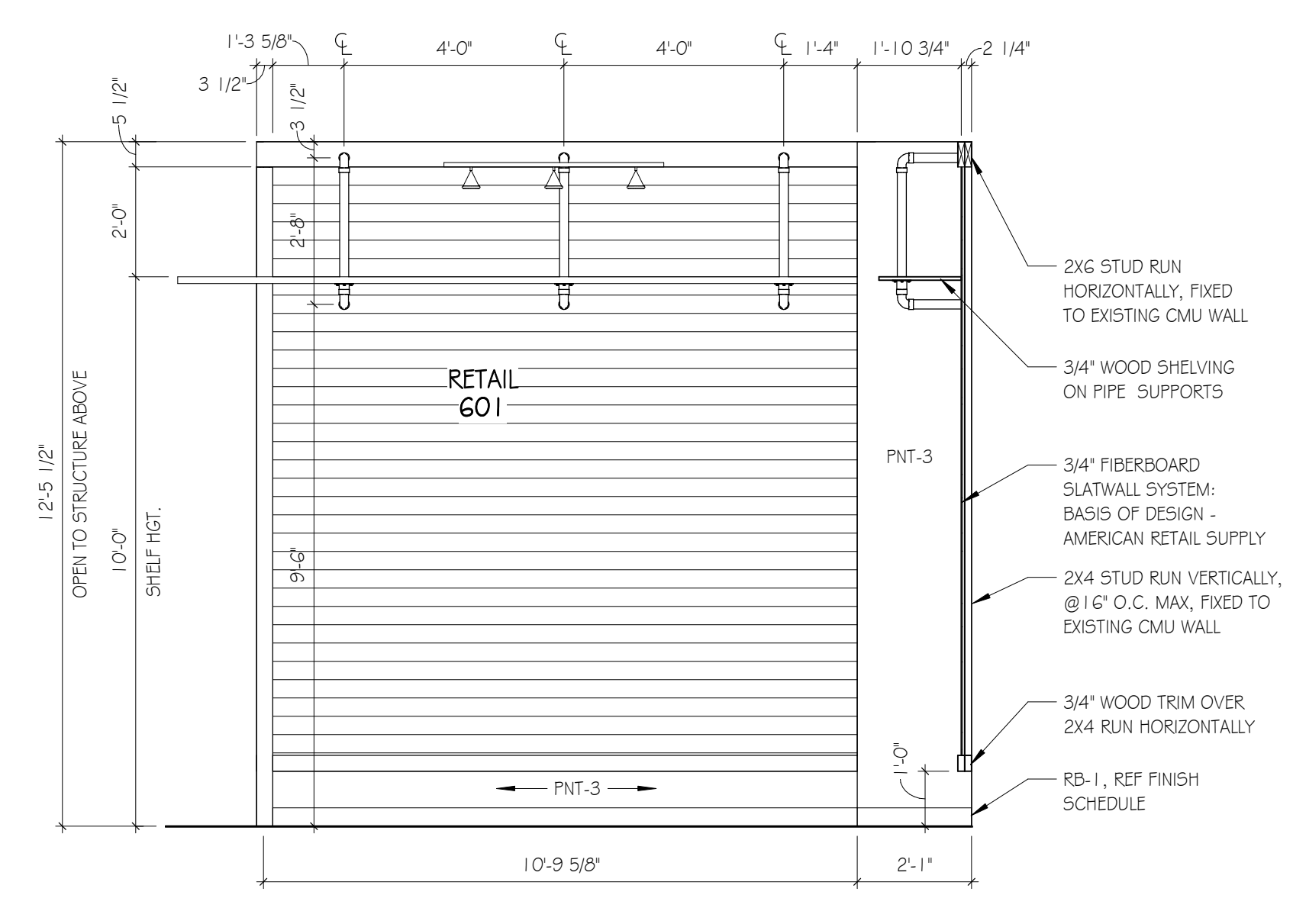
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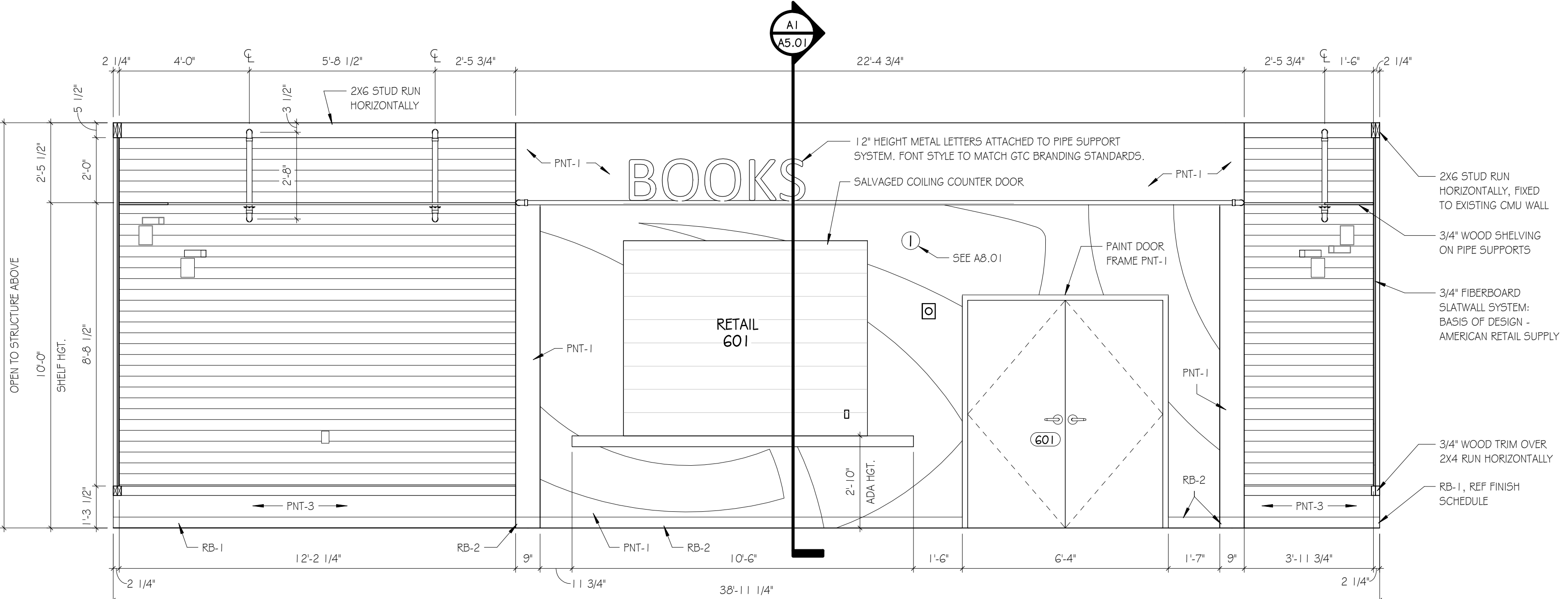
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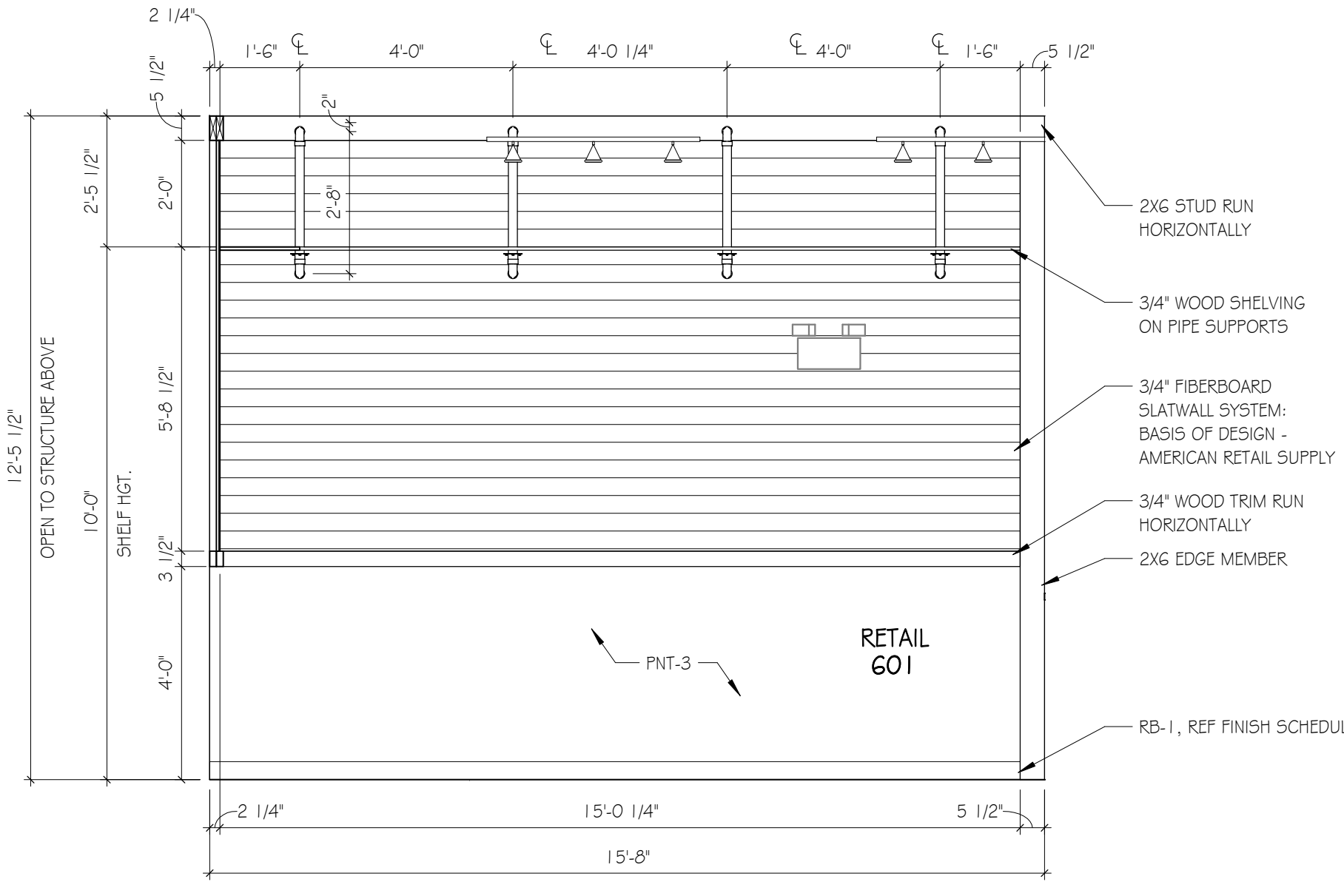
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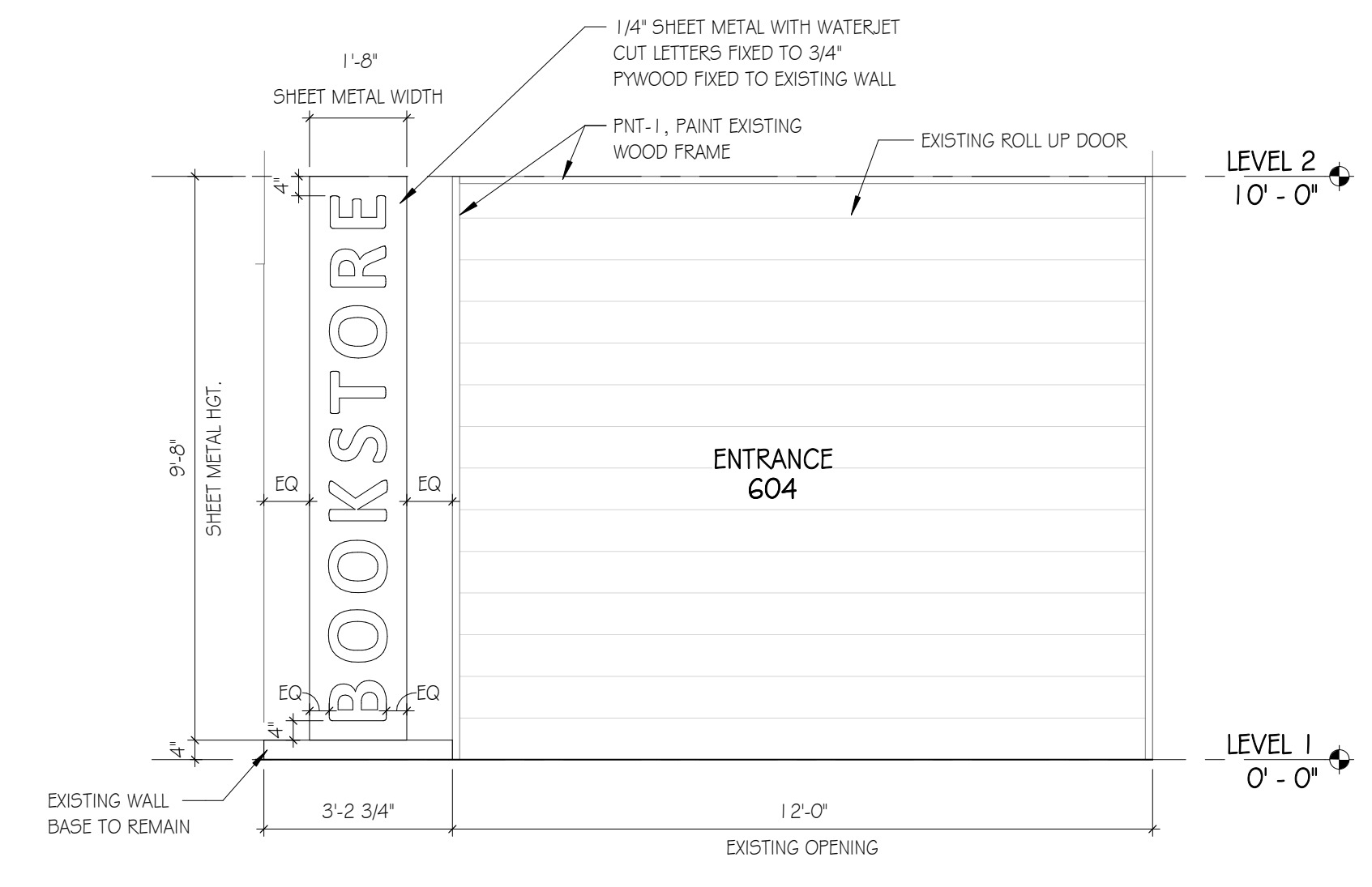
H10 INT. ELEV.
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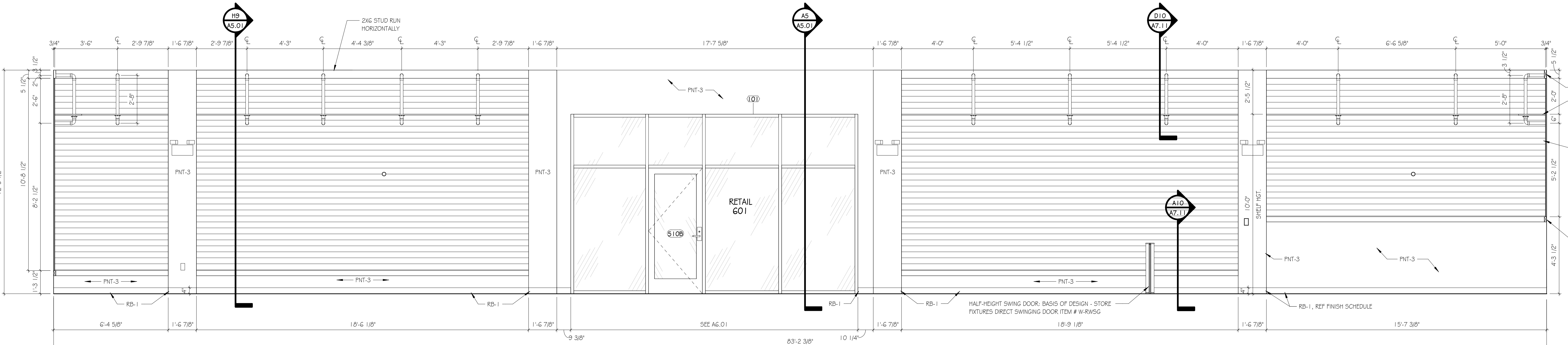
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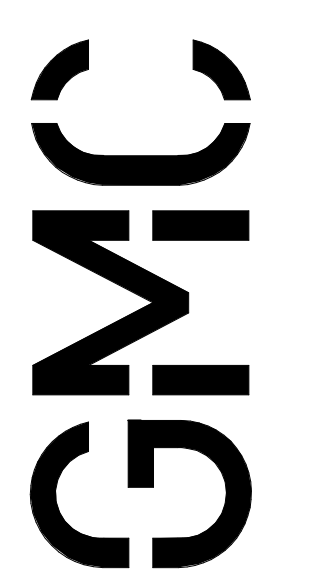
D7 INT. ELEV.
SCALE: 3/8" = 1'-0"



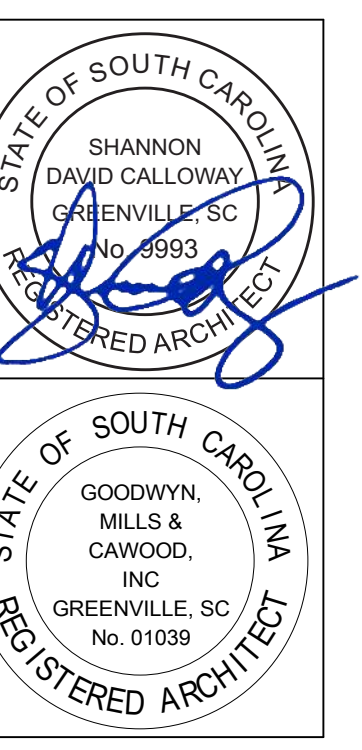
D10 INT. ELEV.
SCALE: 3/8" = 1'-0"



A1 INT. ELEV.
SCALE: 3/8" = 1'-0"



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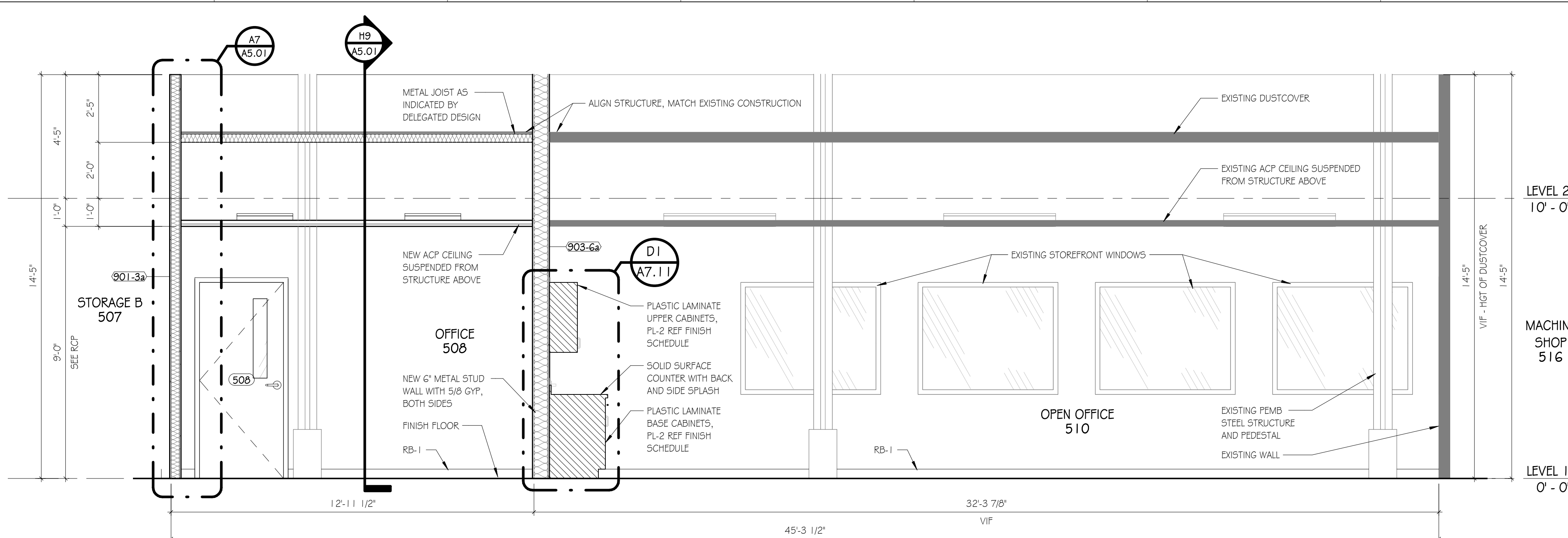
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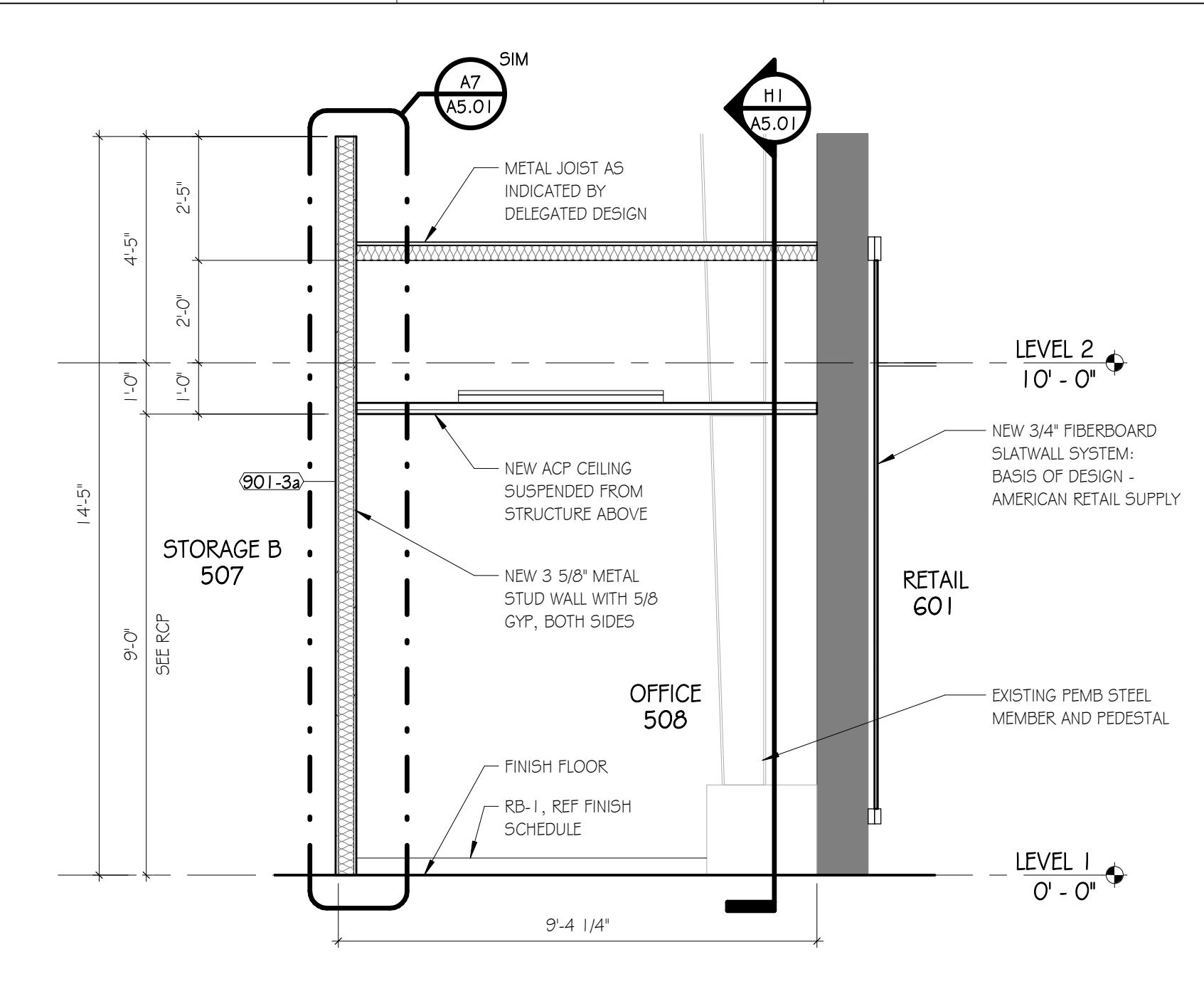
INTERIOR ELEVATIONS

A4.02

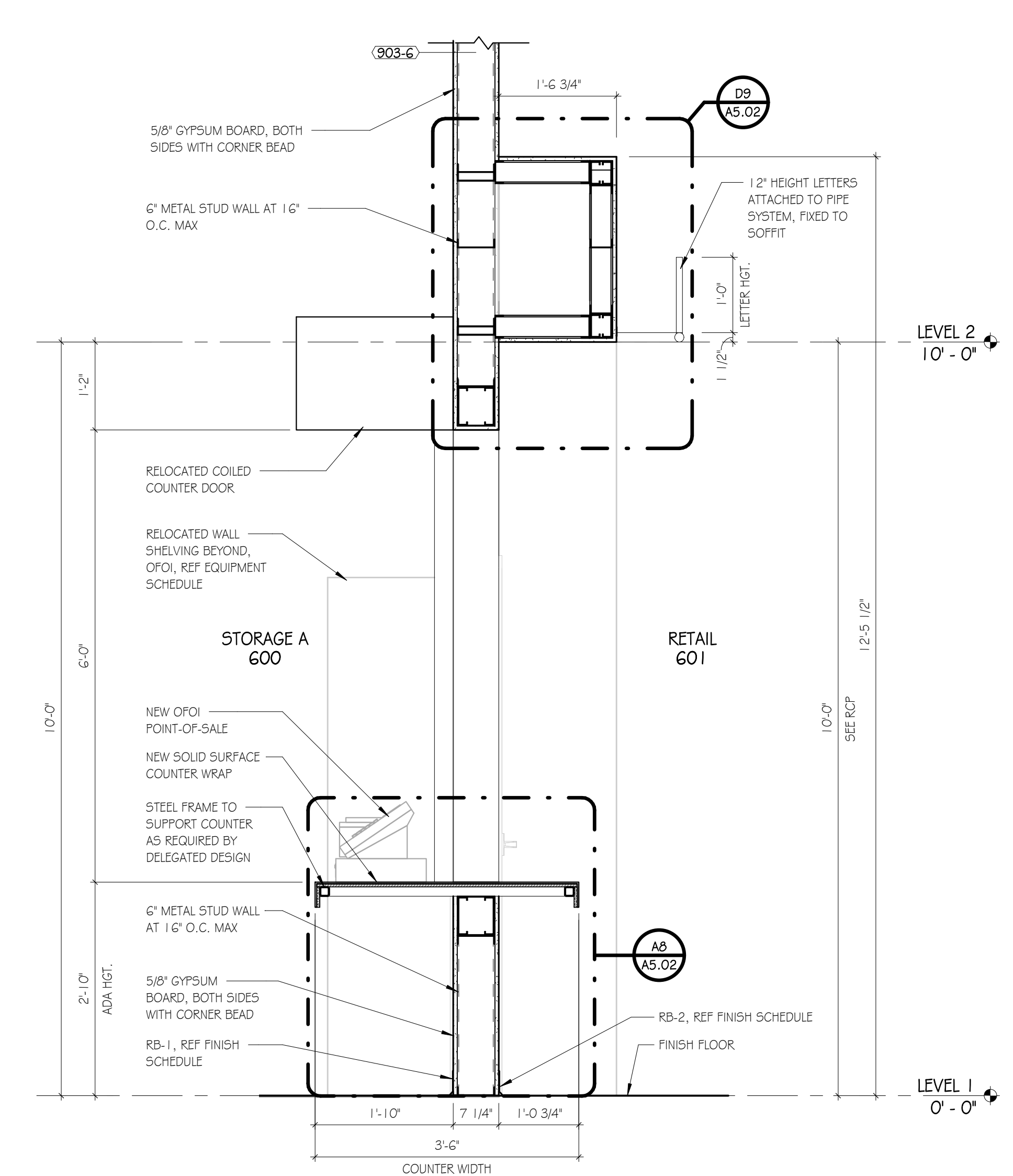
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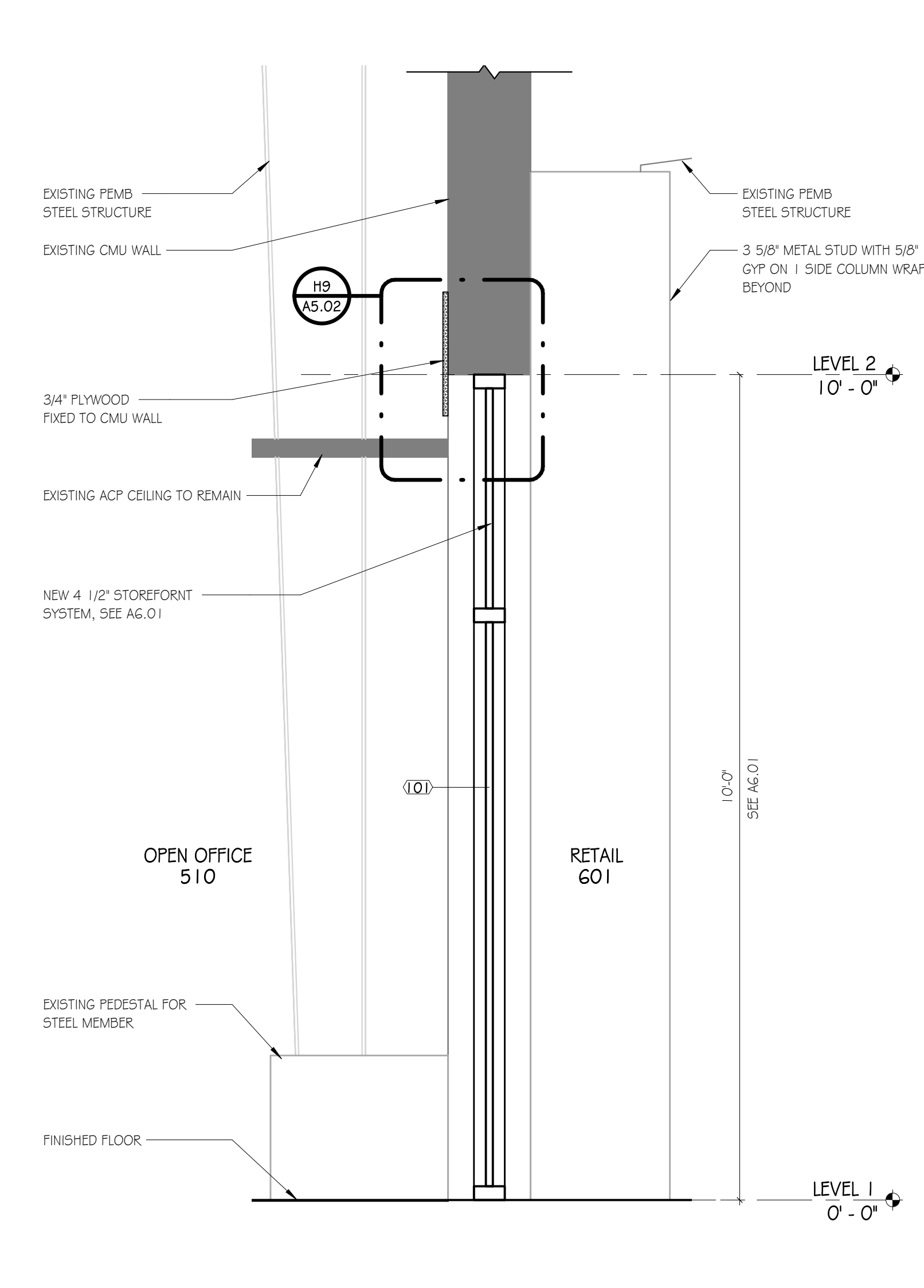
H1 BUILDING SECTION
SCALE: 3/8" = 1'-0"



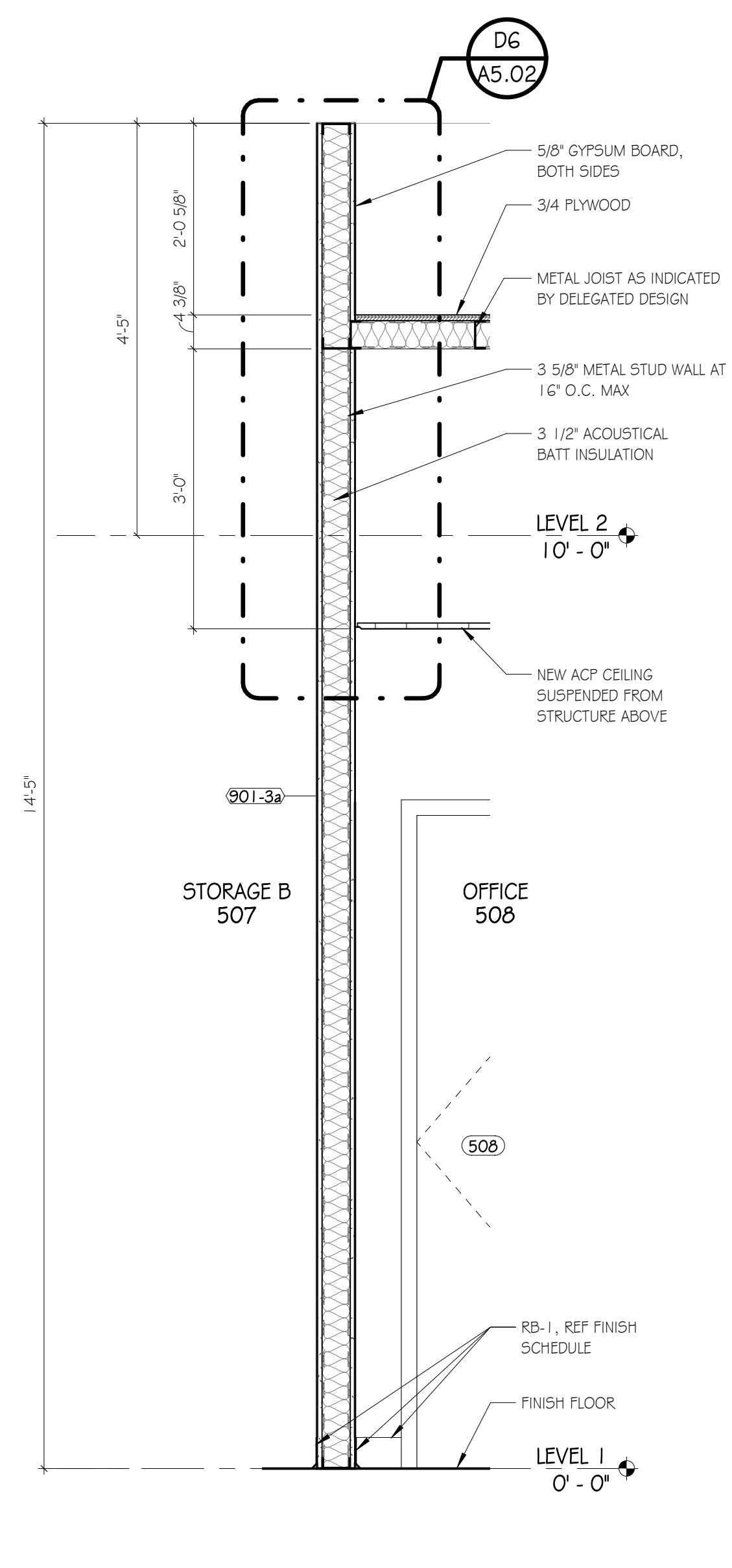
H9 BUILDING SECTION
SCALE: 3/8" = 1'-0"



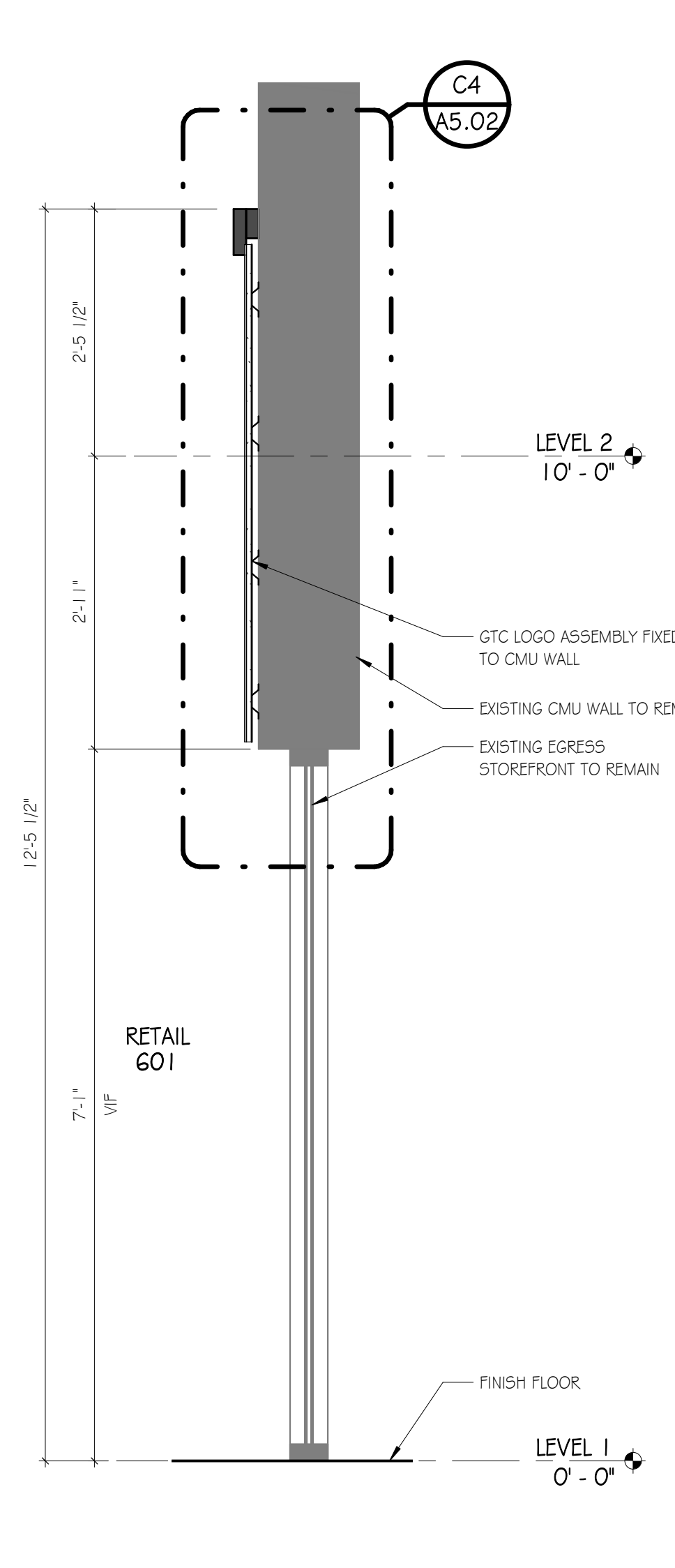
A1 WALL SECTION
SCALE: 3/4" = 1'-0"



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



A7 WALL SECTION
SCALE: 3/4" = 1'-0"



A9 WALL SECTION
SCALE: 3/4" = 1'-0"

GMC

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STATE OF SOUTH CAROLINA

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DAVID CALLOWAY
GREENVILLE, SC
No. 8993
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA

GOODWIN
MILLS &
CAWOOD,
INC.
GREENVILLE, SC
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REGISTERED ARCHITECT

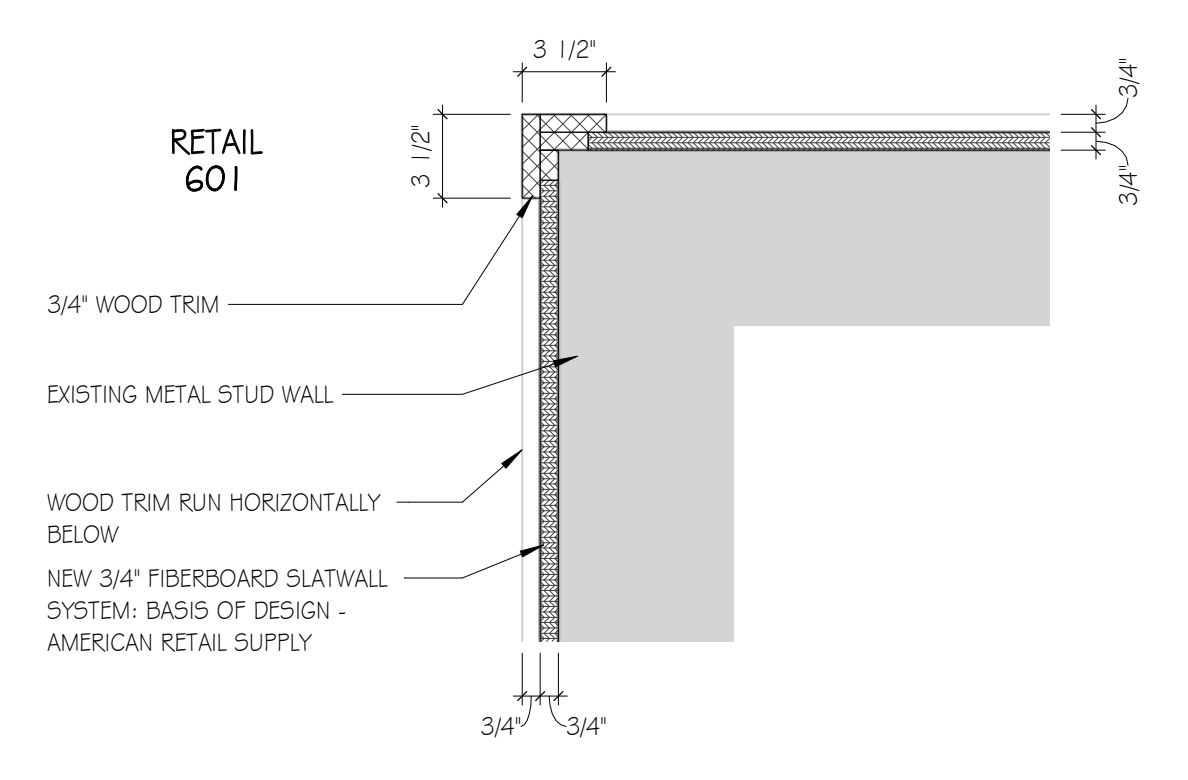
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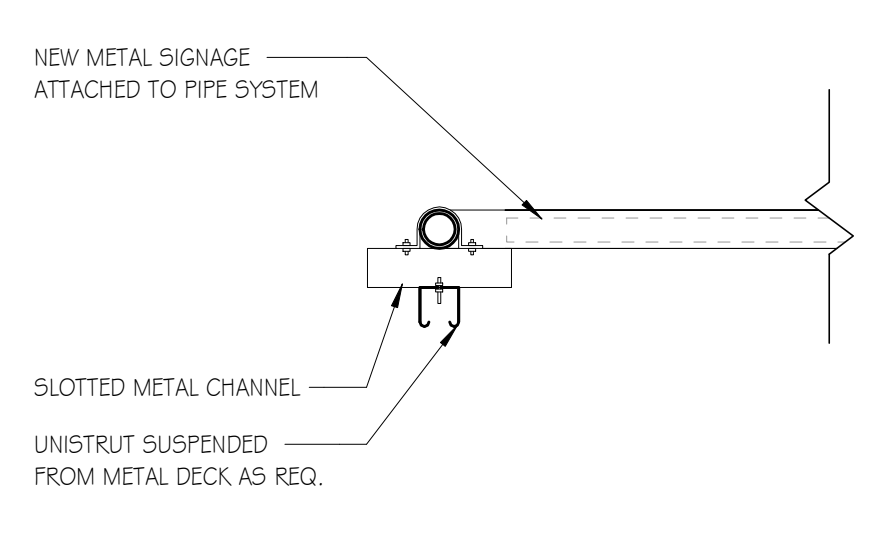
**BUILDING AND WALL
SECTIONS**

A5.01

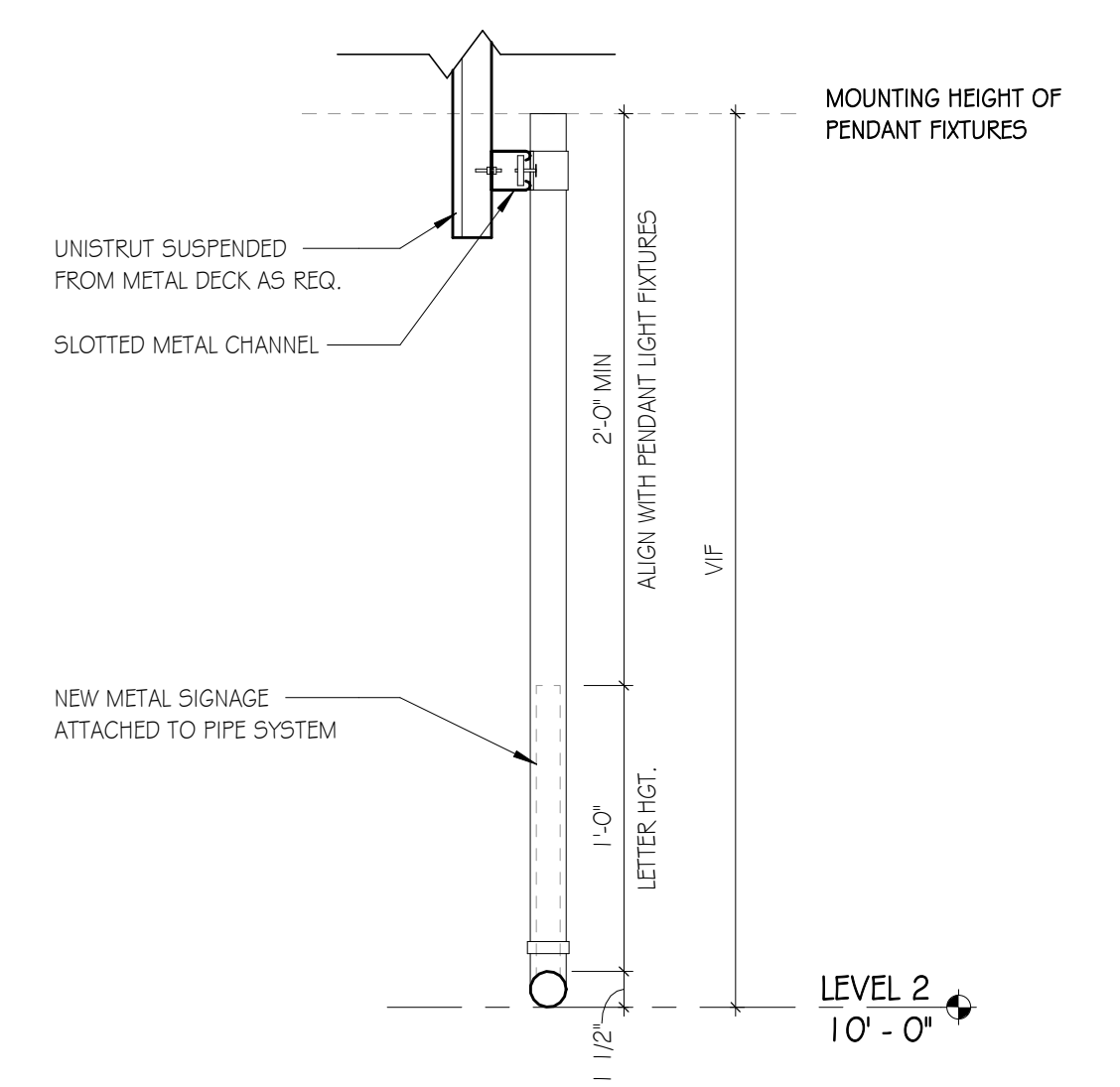
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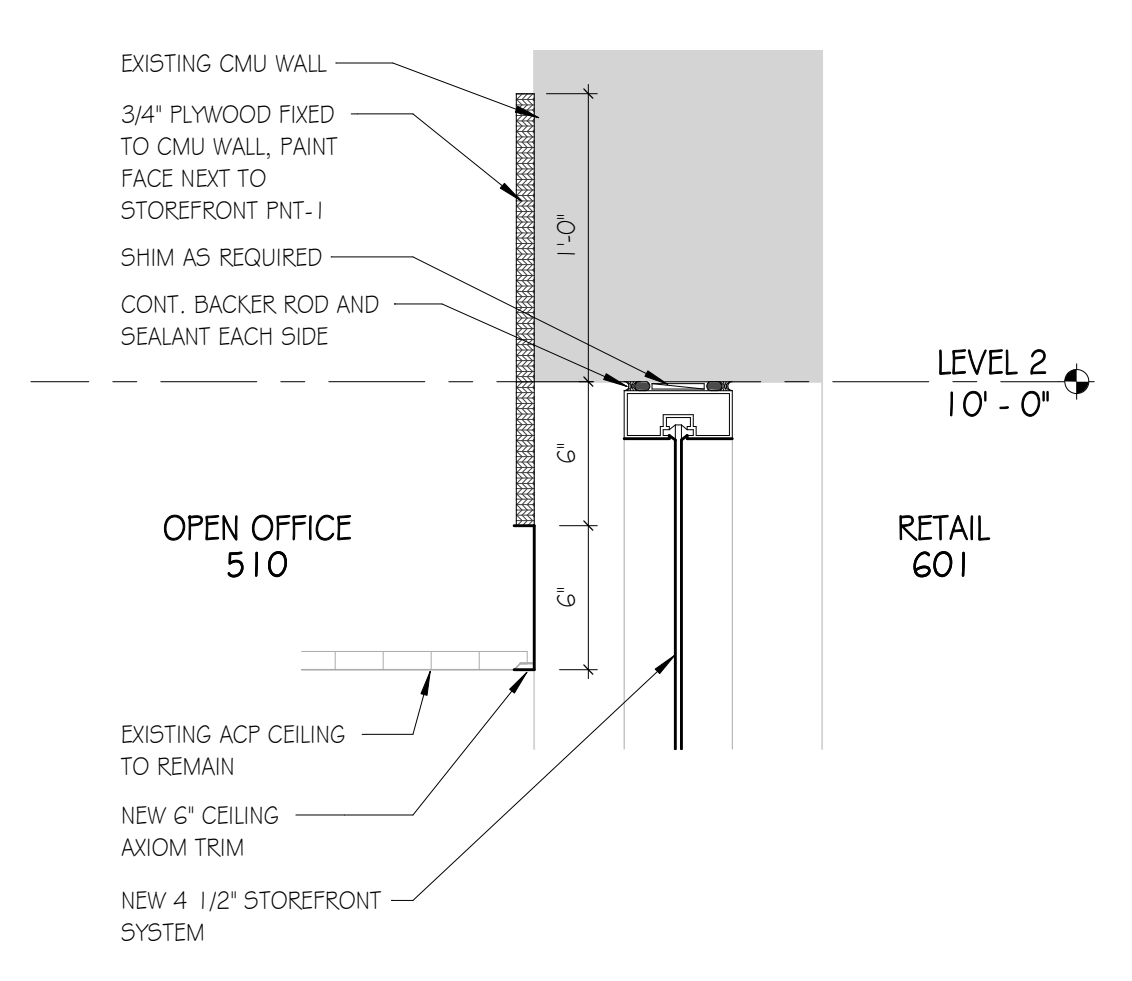
H1 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



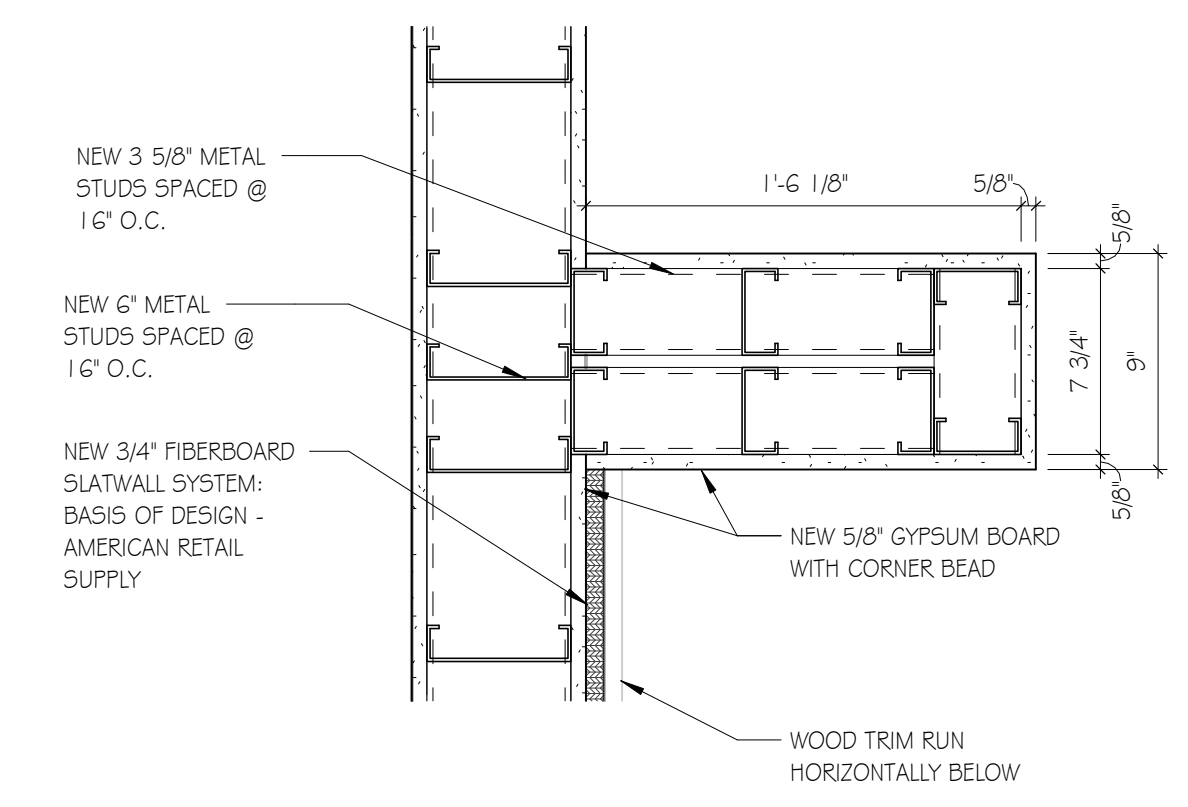
H4 PIPE PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



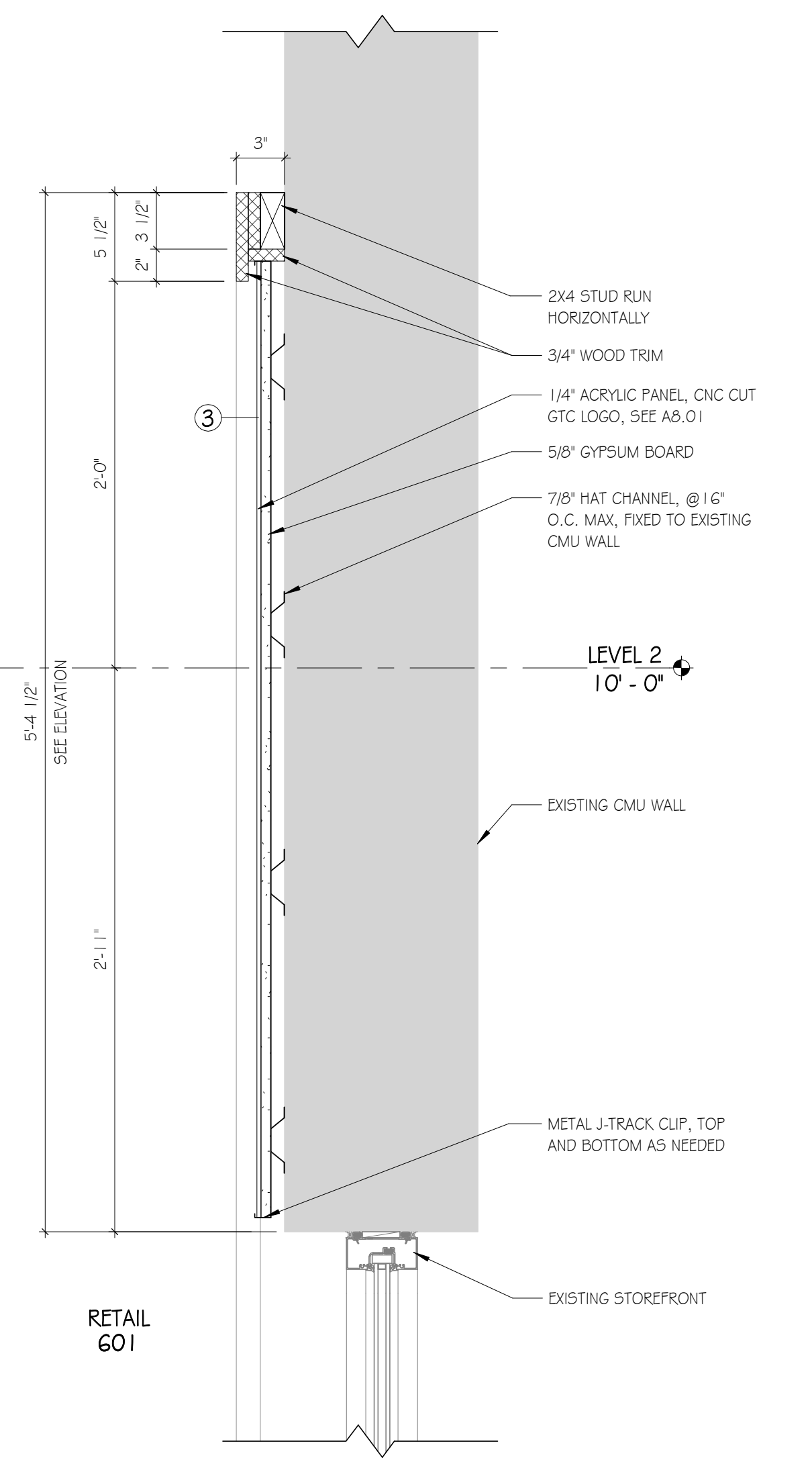
H6 PIPE SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



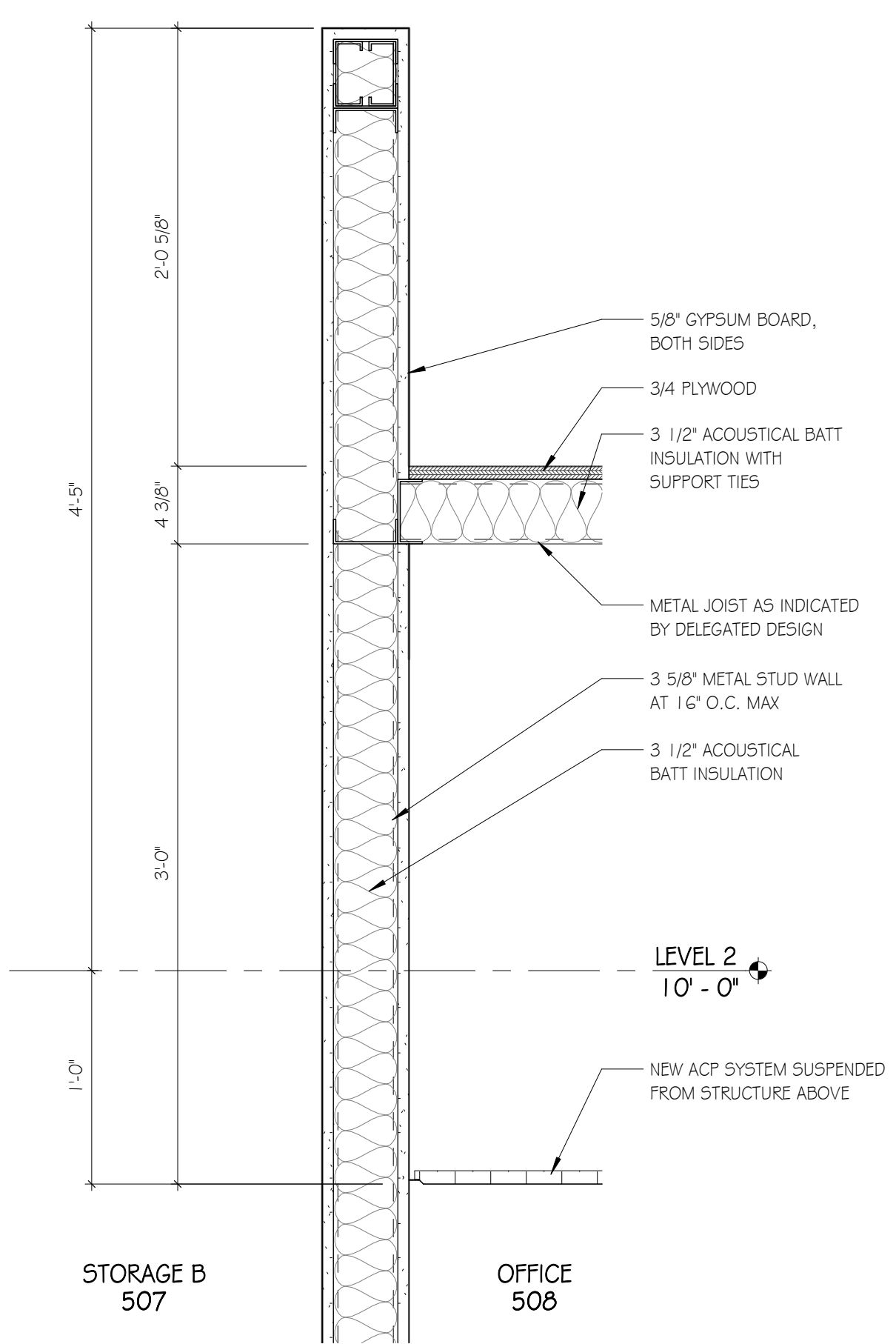
H9 STOREFRONT DETAIL
SCALE: 1 1/2" = 1'-0"



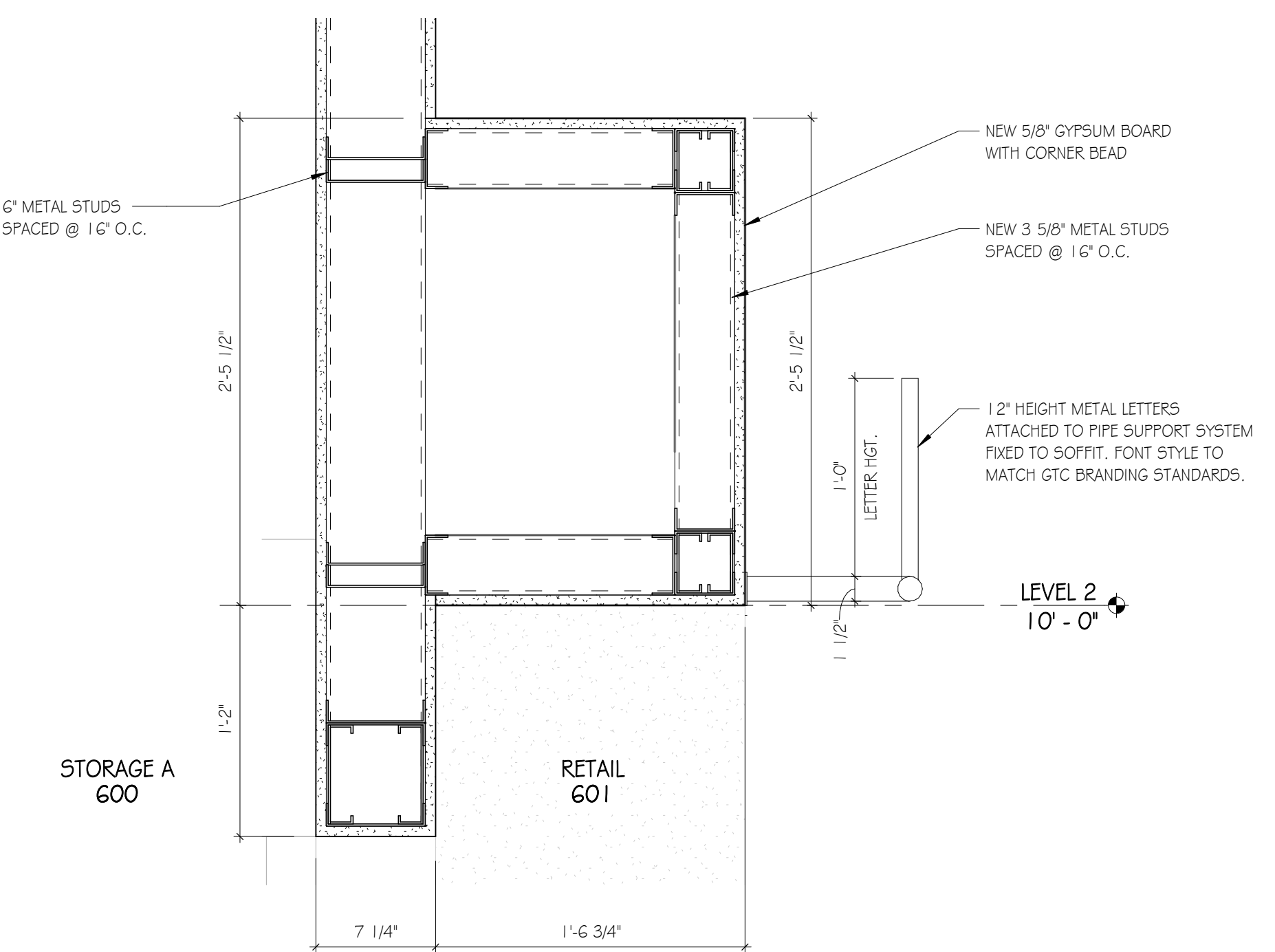
F1 PLAN DETAIL
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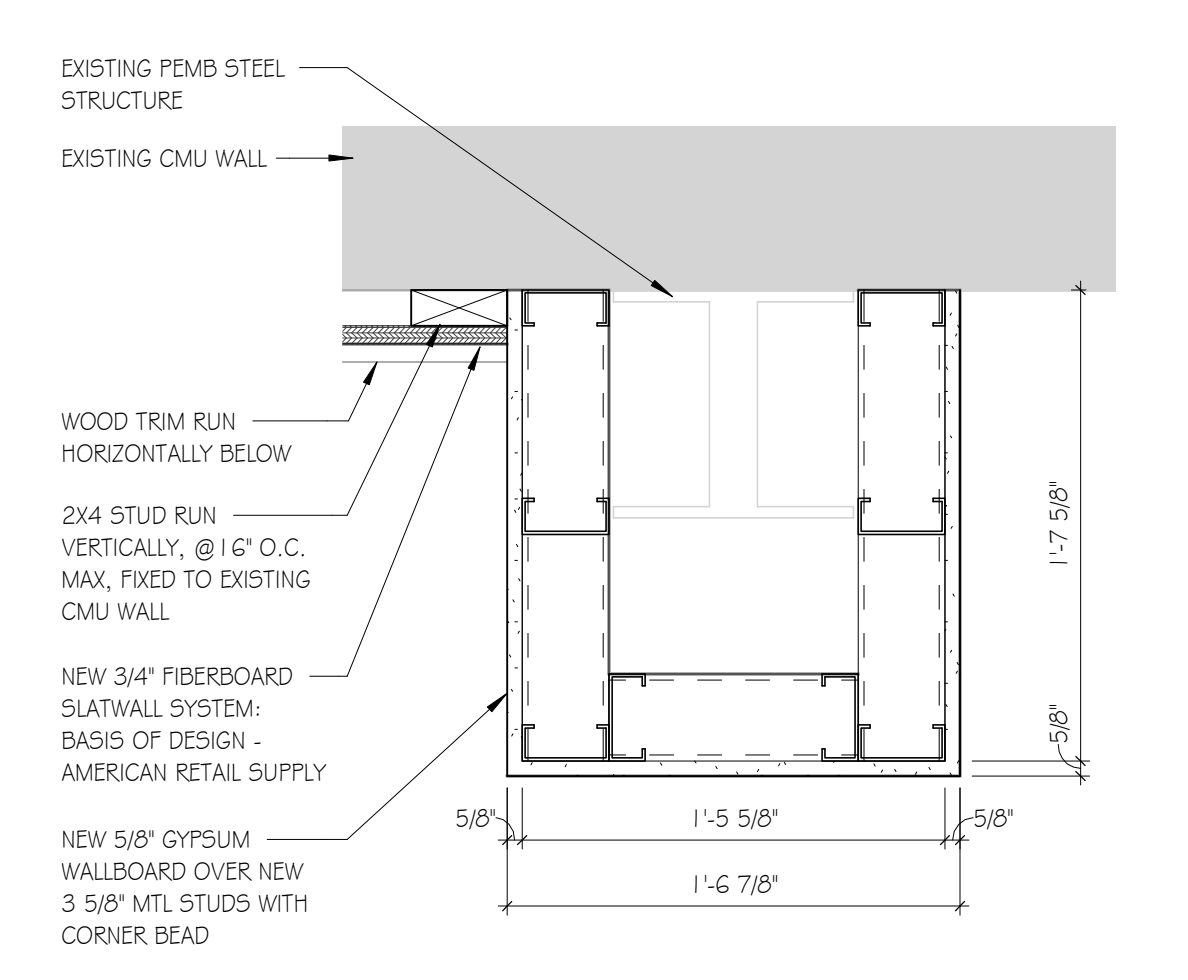
C4 SECTION DETAIL
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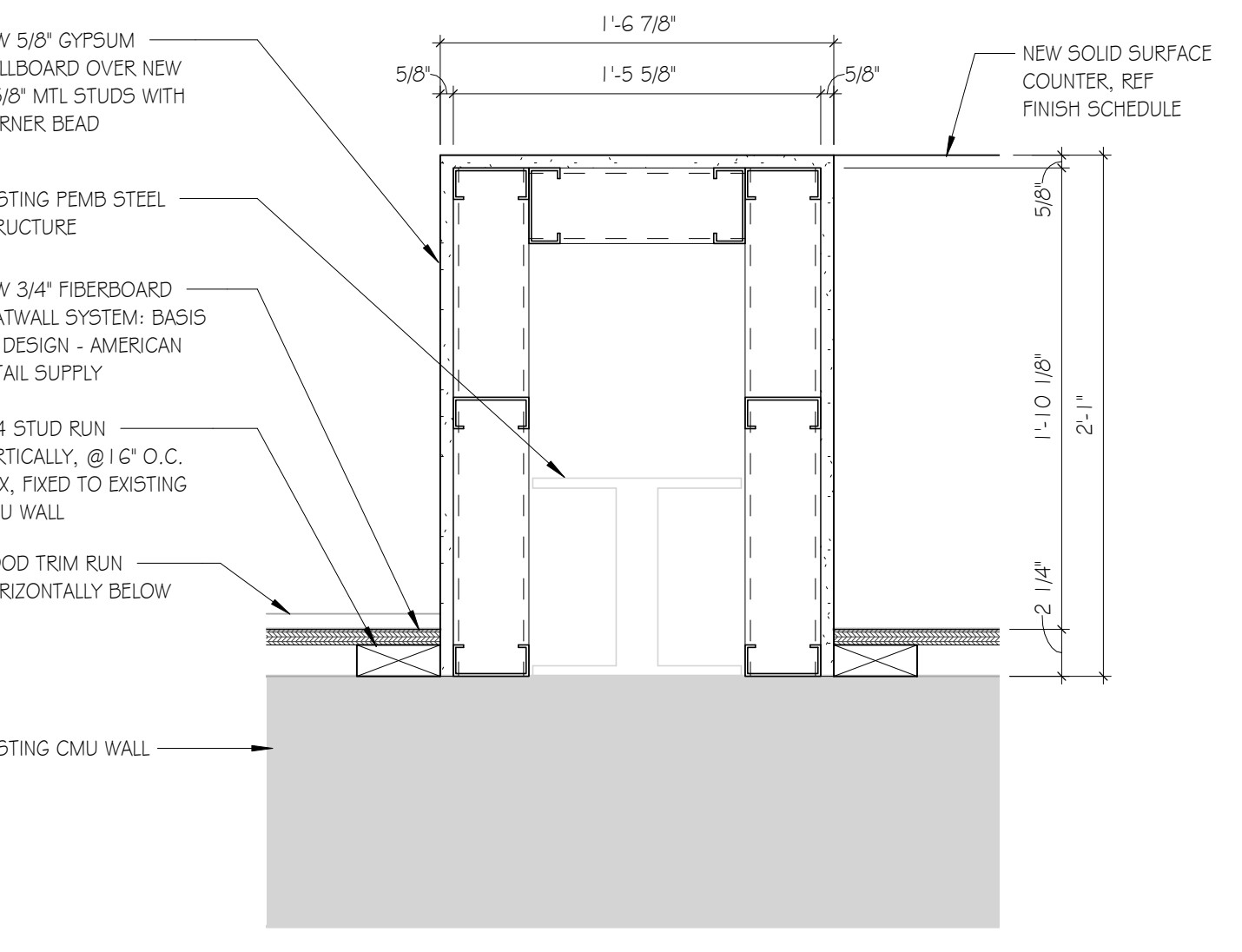
D6 SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



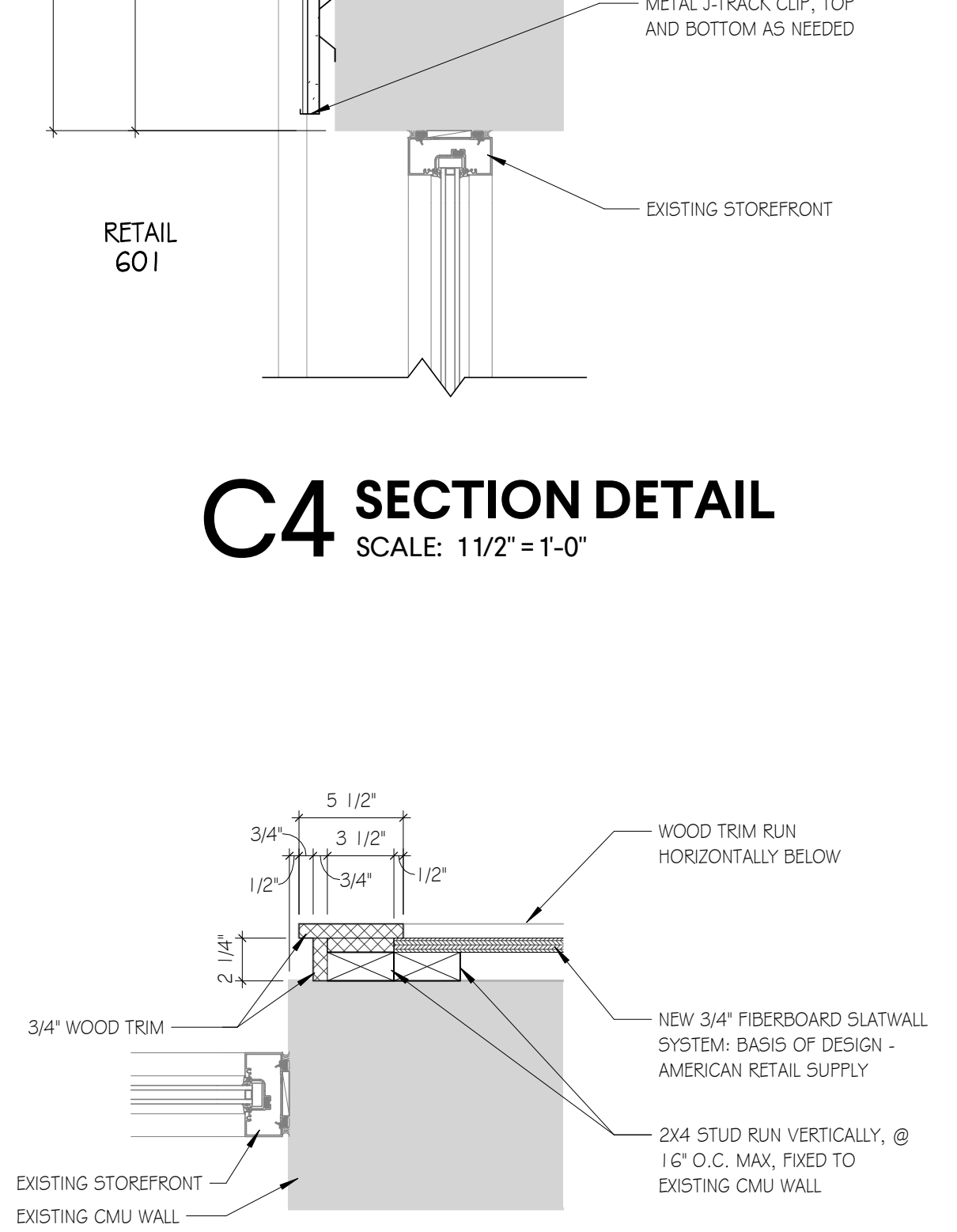
D9 SOFFIT DETAIL
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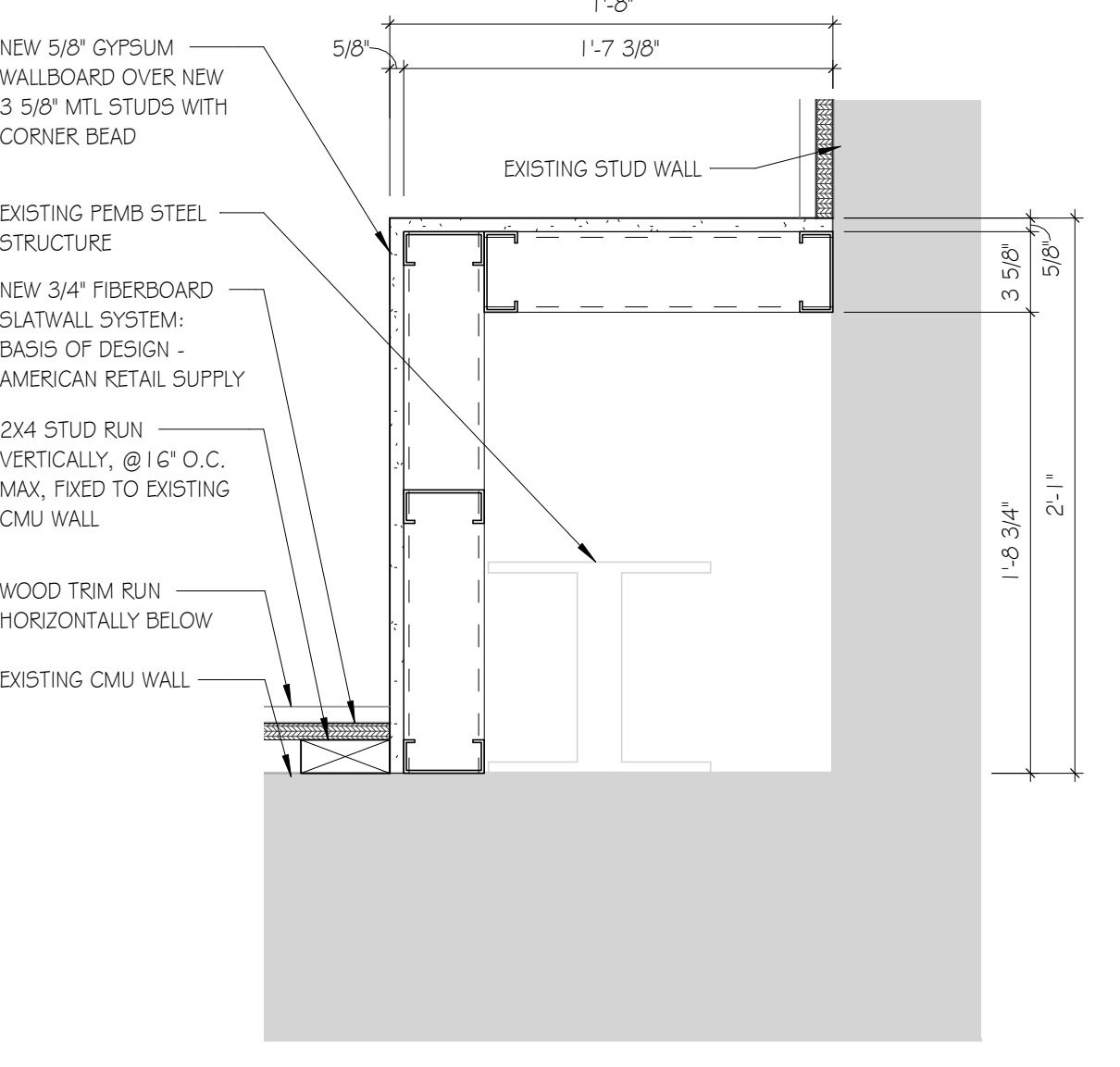
D1 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



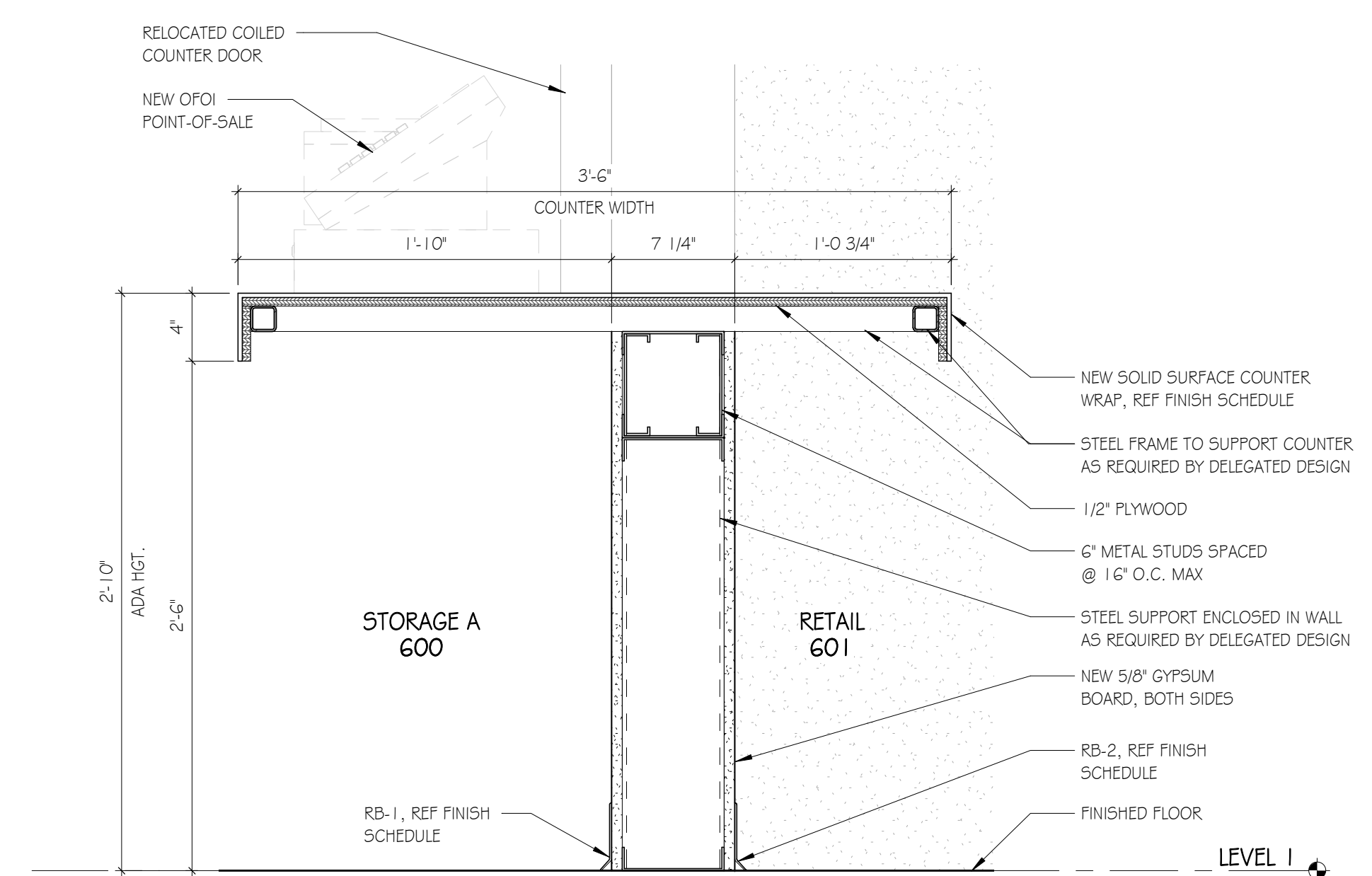
A1 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



A4 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



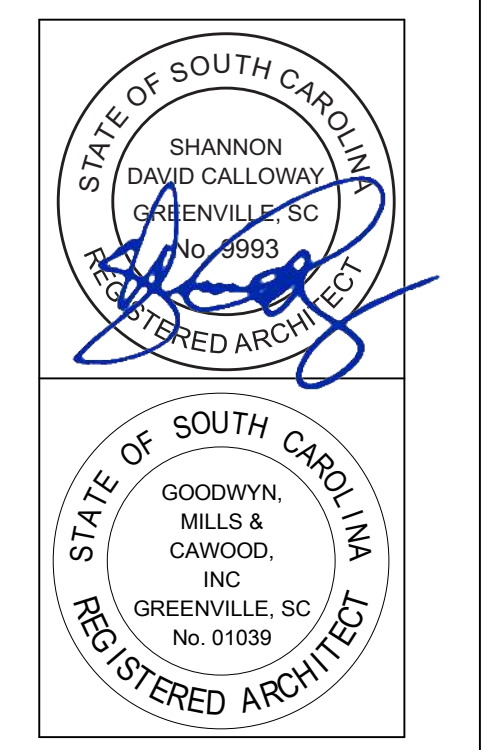
A6 PLAN DETAIL
SCALE: 1 1/2" = 1'-0"



A8 COUNTER DETAIL
SCALE: 1 1/2" = 1'-0"



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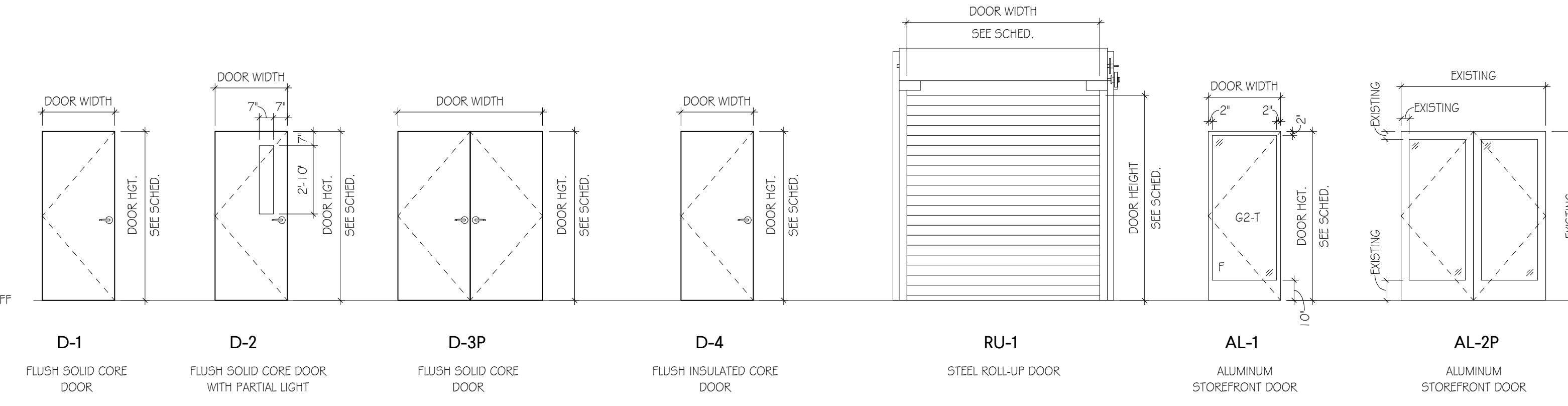
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DETAILS
A5.02

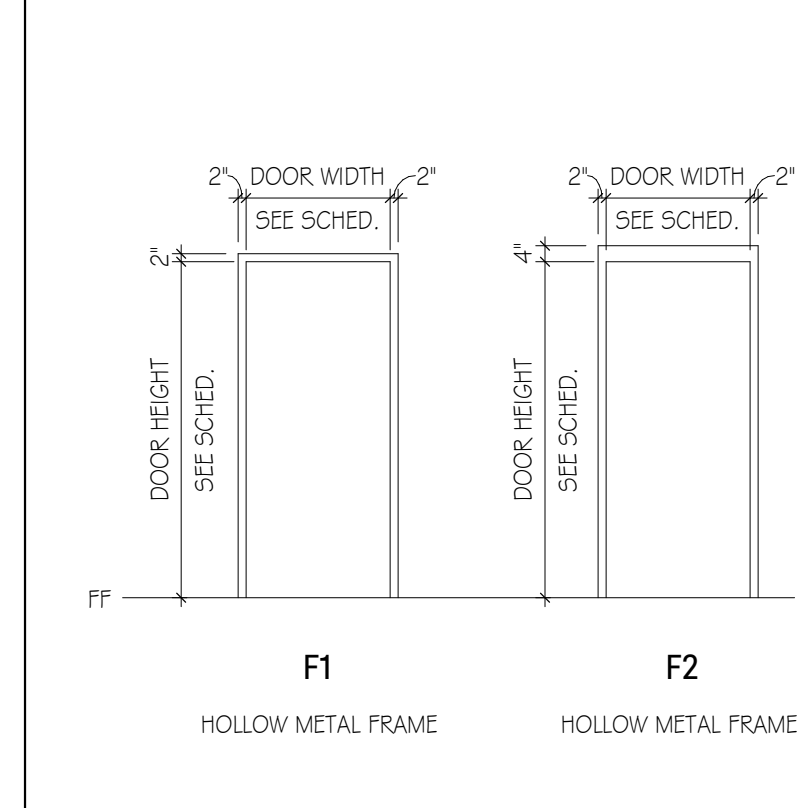
DOOR SCHEDULE

DOOR NUMBER	ROOM NAME	DOOR SIZE			DOOR DESCRIPTION		FRAME DESCRIPTION			HEAD	JAMB	SILL
		W	H	THK	DOOR TYPE	MAT'L	FRAME TYPE	MAT'L				
506A	EGRESS CORRIDOR	3' - 0"	7' - 0"	1 3/4"	D-1	WD	F1	HM	H1	J1	S1	
506B	EGRESS CORRIDOR	3' - 0"	7' - 0"	1 3/4"	D-4	HM	F2	HM	H4	J4	S3	
507	STORAGE B	12' - 0"	12' - 0"	0"	RU-1	PER MFR	PER MFR	PER MFR	PER MFR	PER MFR	PER MFR	
508	OFFICE	3' - 0"	7' - 0"	1 3/4"	D-2	WD	F1	HM	H1	J1	S1	
510A	OPEN OFFICE	3' - 0"	7' - 0"	1 3/4"	D-2	WD	F1	HM	H1	J1	S1	
510B	OPEN OFFICE	3' - 0"	7' - 0"	1 3/4"	AL-1	AL	101	AL	H2	J2	S2	
601	RETAIL	6' - 0"	7' - 0"	1 3/4"	D-3P	WD	F1	HM	H1	J1	S1	
604	ENTRANCE	6' - 0"	7' - 0"	1 3/4"	AL-2P	AL	102	AL	H2	J2	S2	

DOOR TYPES



FRAME TYPES

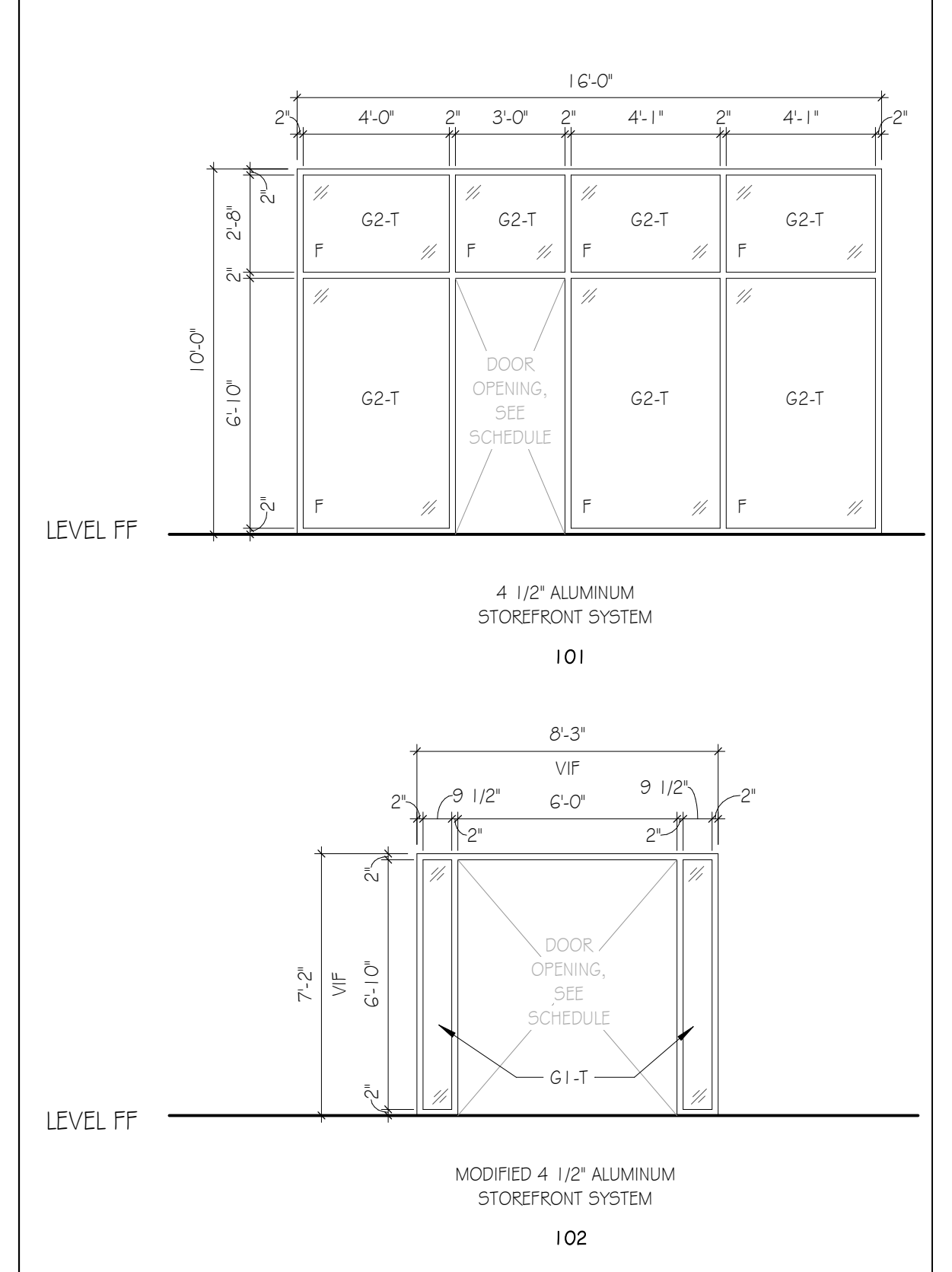


DOOR GENERAL NOTES

1) GENERAL:
 A. DOOR AND/OR FRAME CONSTRUCTION SHALL BE AS SPECIFIED UNLESS NOTED OTHERWISE.
 B. ALL TYPES OF DOORS ARE REPRESENTED IN THIS SCHEDULE FOR CONVENIENCE, WHERE MORE DESCRIPTIVE INFORMATION MAY BE LOCATED ELSEWHERE, NOTATION IS MADE IN THE NUMBERED NOTES COLUMN. (E.G. ALUMINUM FRAMED ENTRANCE DOORS, SEE GLAZING SCHEDULE FOR CONFIGURATION.)

2) MATERIAL AND FINISH:
 A. MATERIALS AND FINISHES INDICATED ON THE SCHEDULE ARE AS FOLLOWS:
 HM HOLLOW METAL
 ST STEEL
 WD SOLID CORE WOOD
 AL ALUMINUM
 GL GLAZING/GLASS

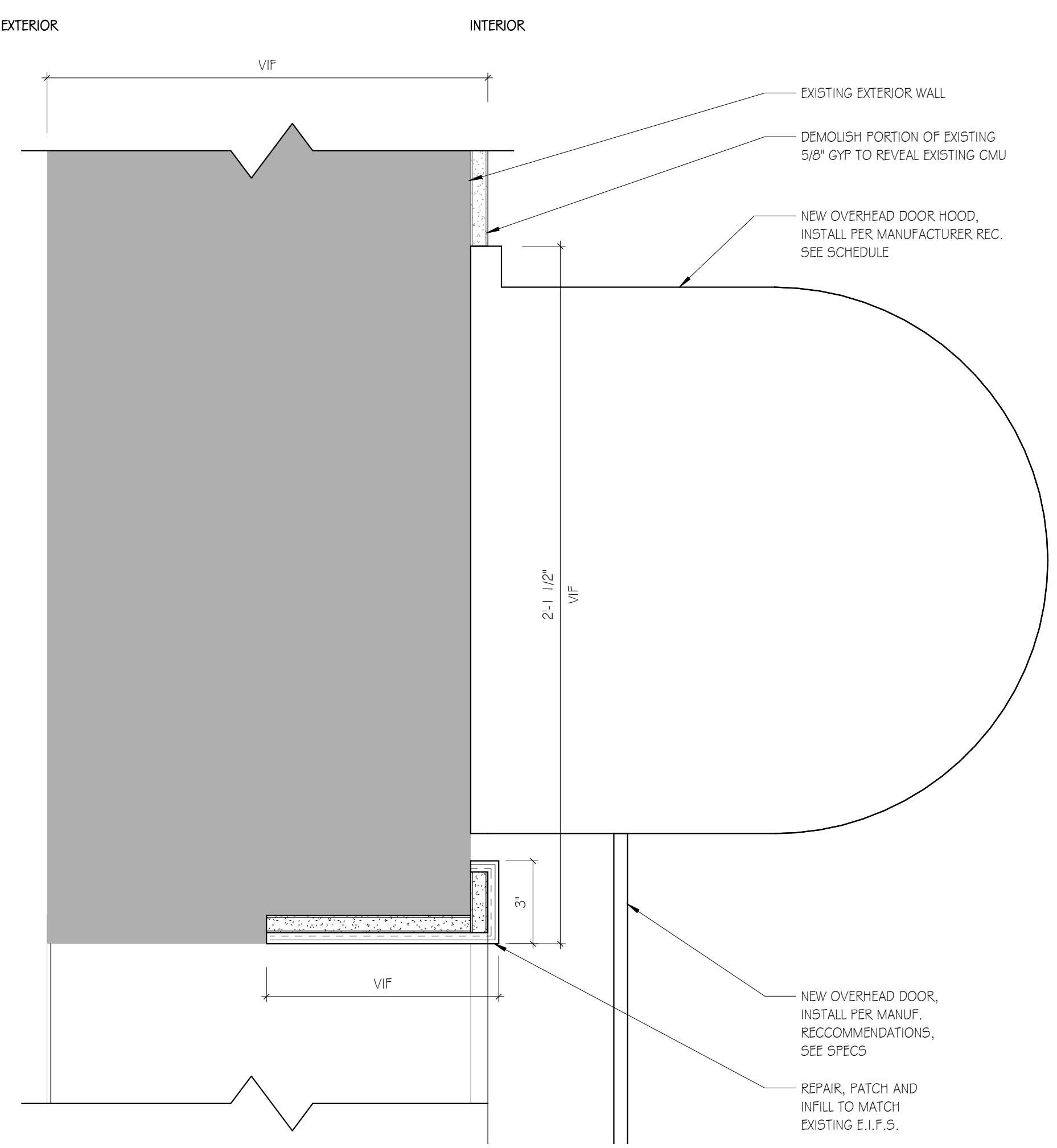
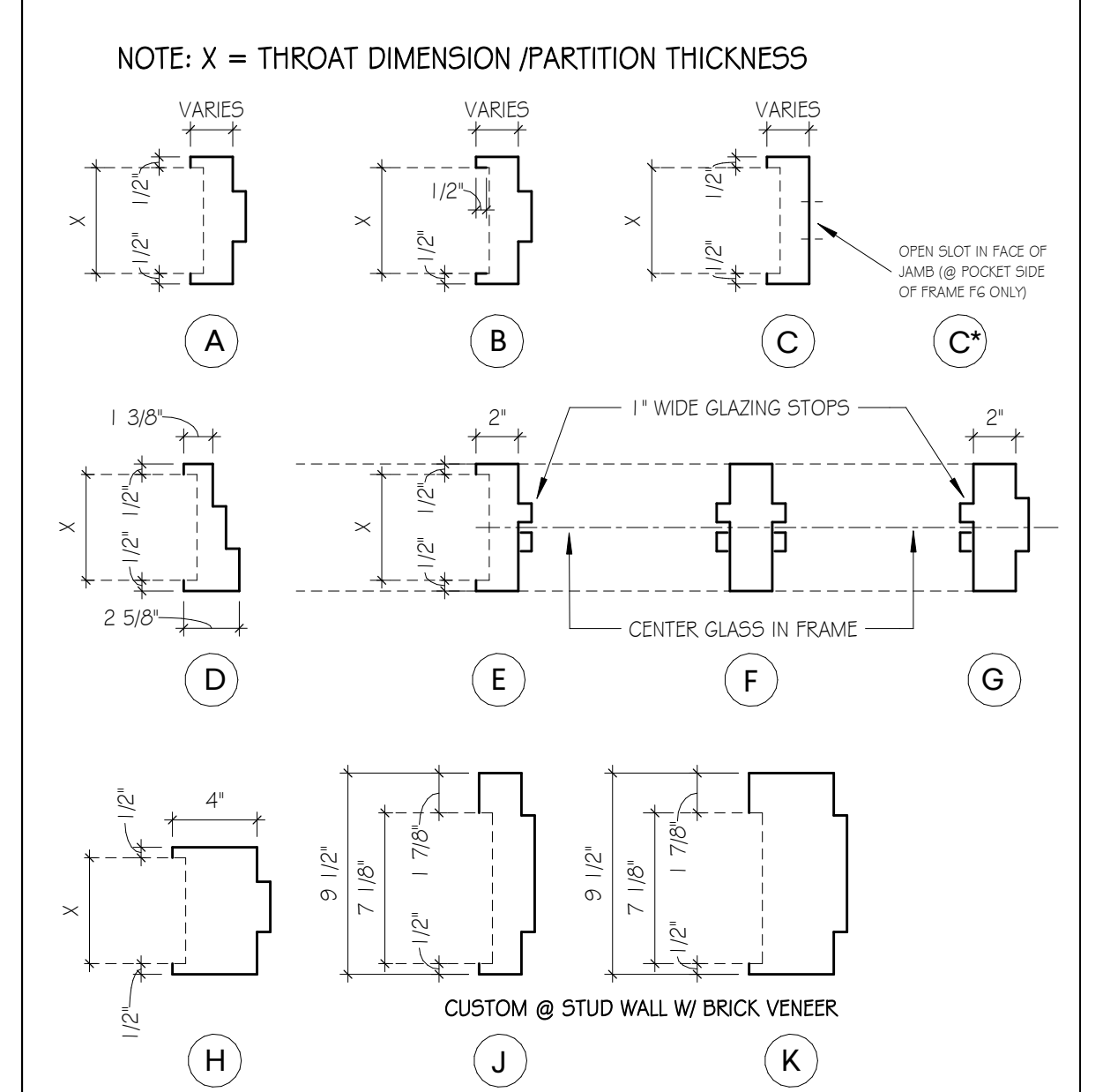
STOREFRONT ELEVATION



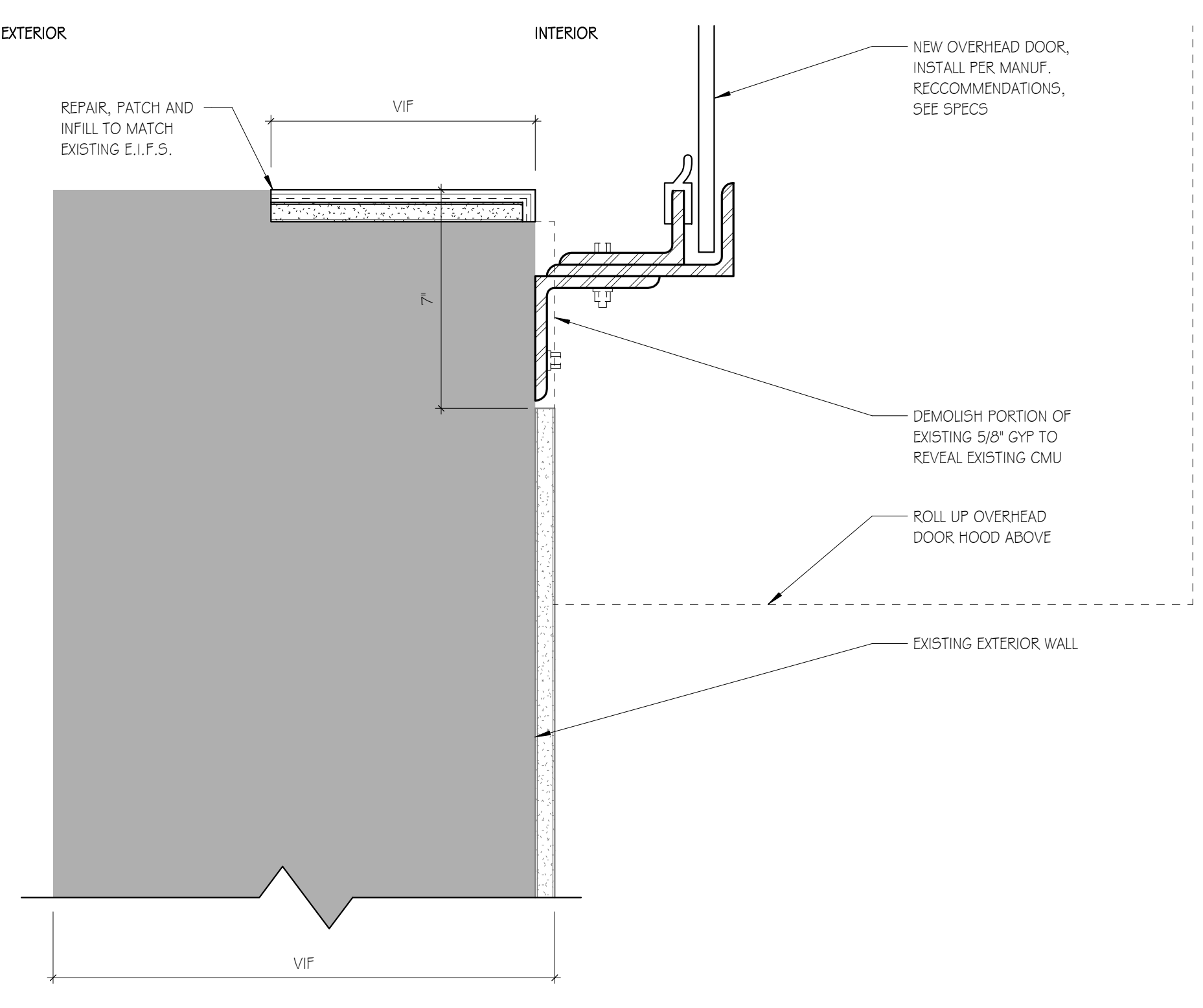
GLASS TYPES

- G1: 1-INCH INSULATED EXTERIOR GLASS
- G1-T: 1-INCH INSULATED EXTERIOR GLASS, TEMPERED
- G2: 1/4\"/>

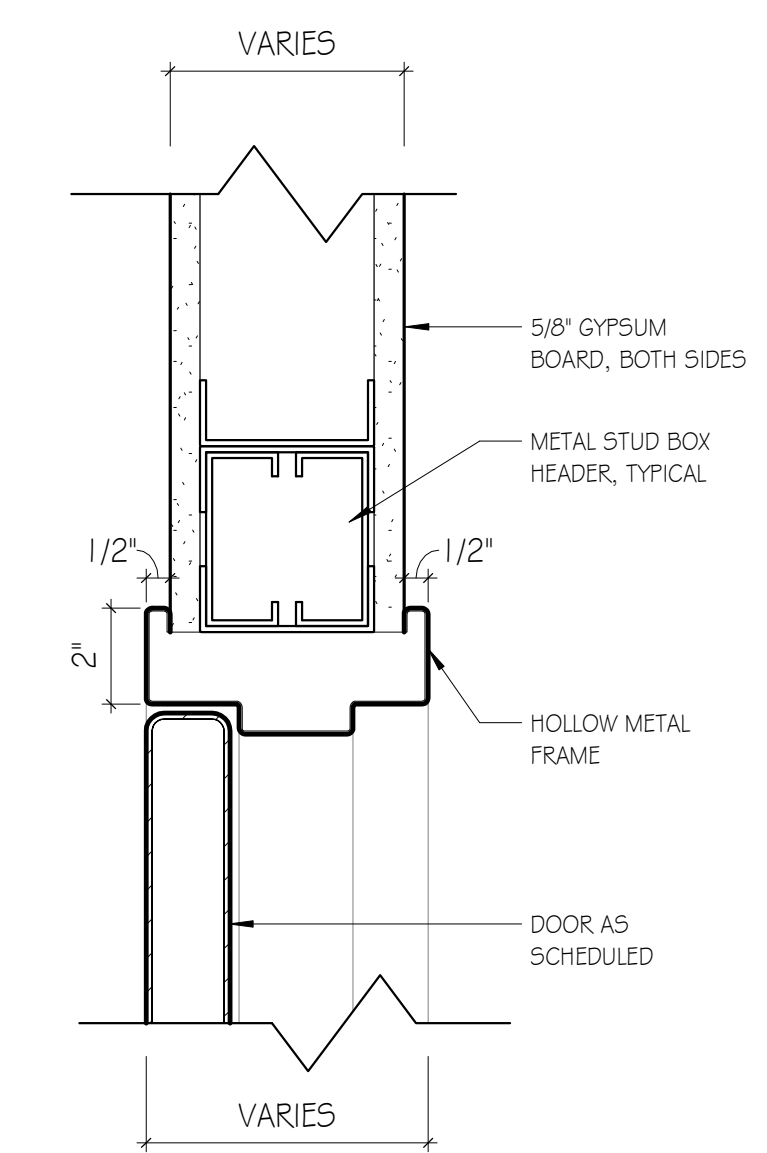
FRAME PROFILES



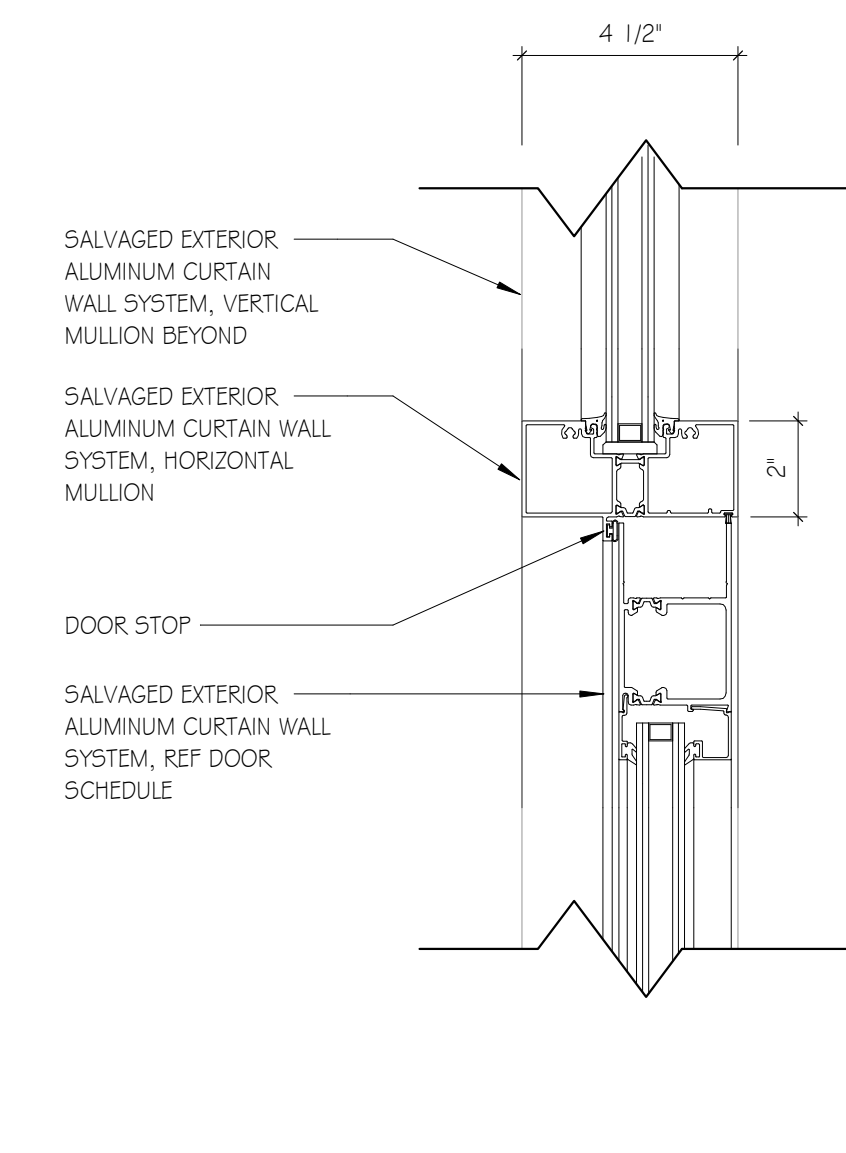
E1 OVERHEAD DOOR - HEAD
 SCALE: 3" = 1'-0"



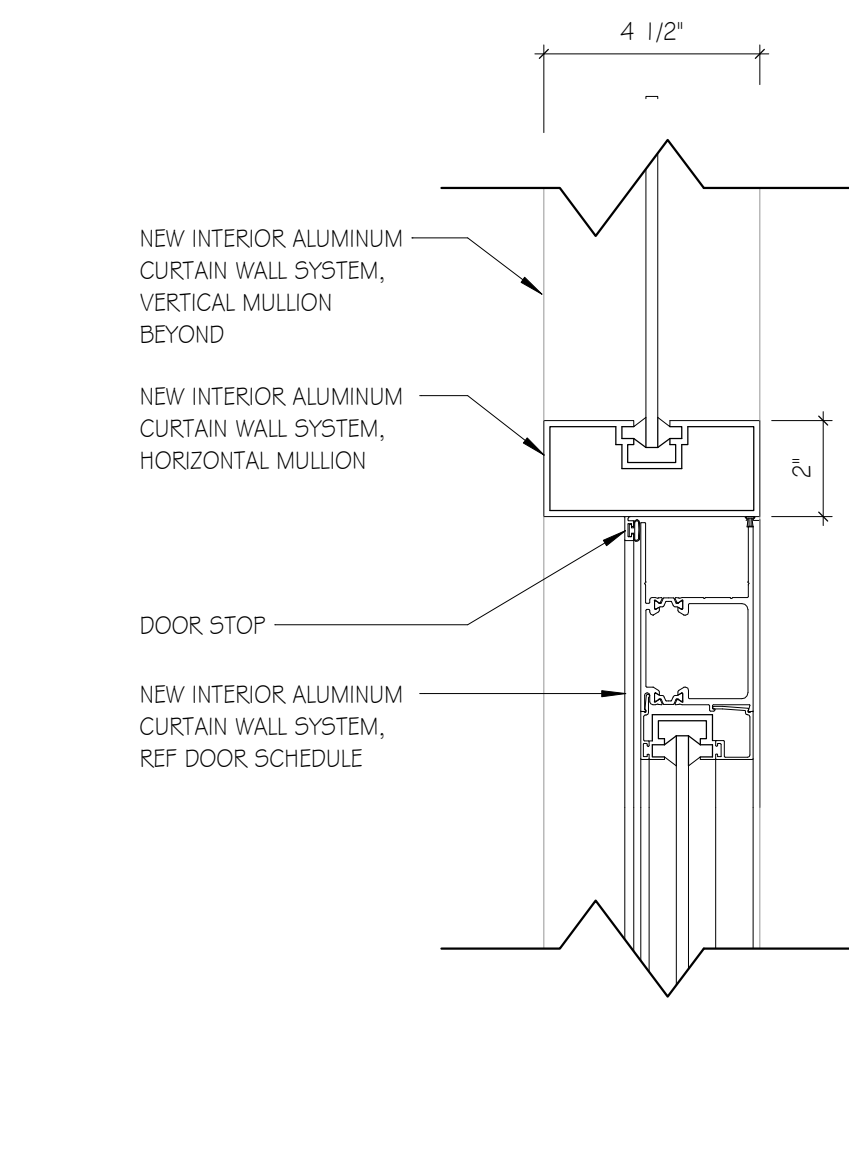
A1 OVERHEAD DOOR - JAMB
 SCALE: 3" = 1'-0"



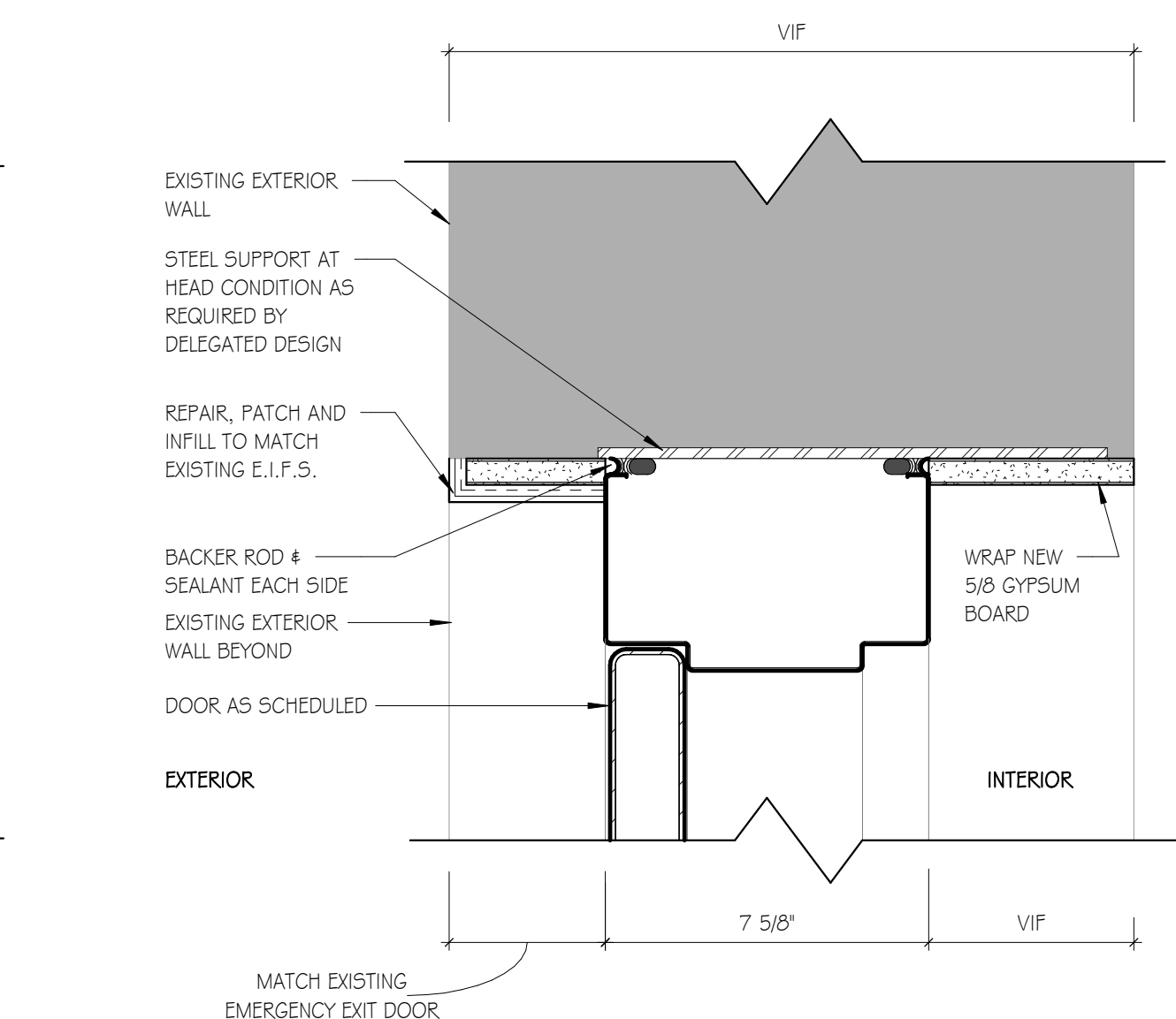
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 SCALE: 3" = 1'-0"



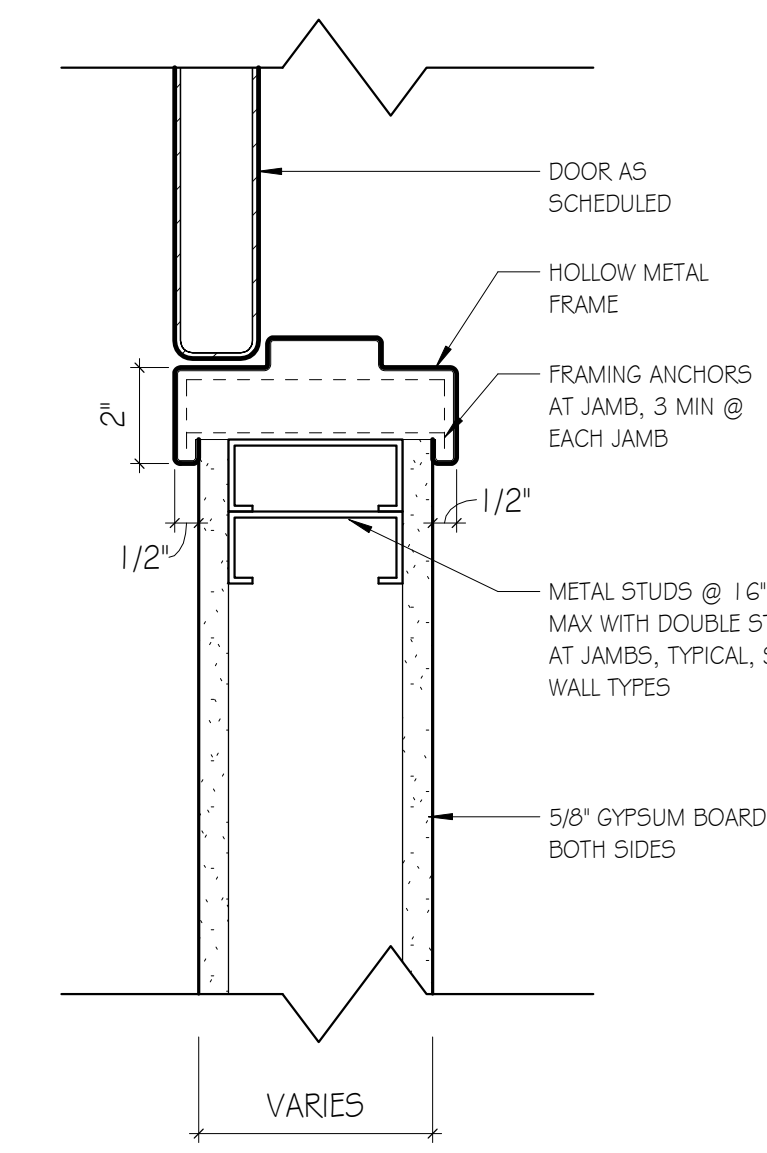
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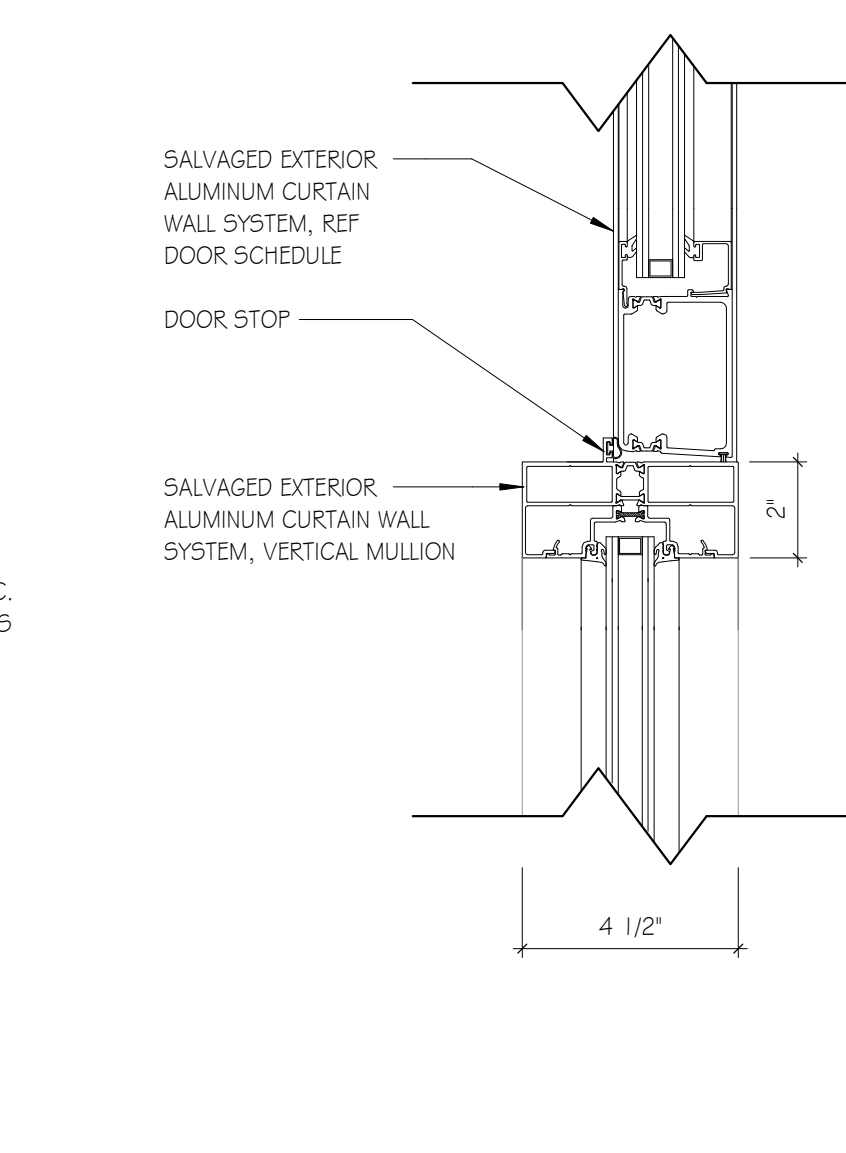
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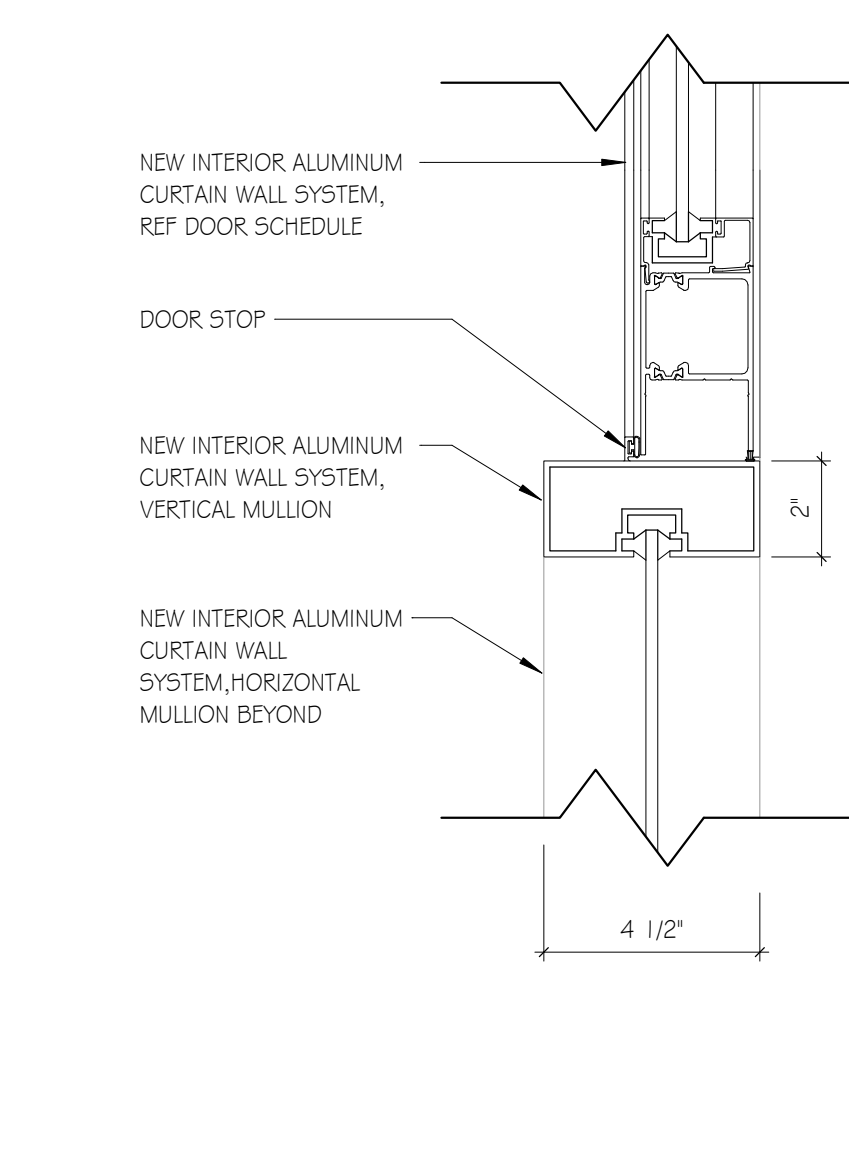
H4
 SCALE: 3" = 1'-0"



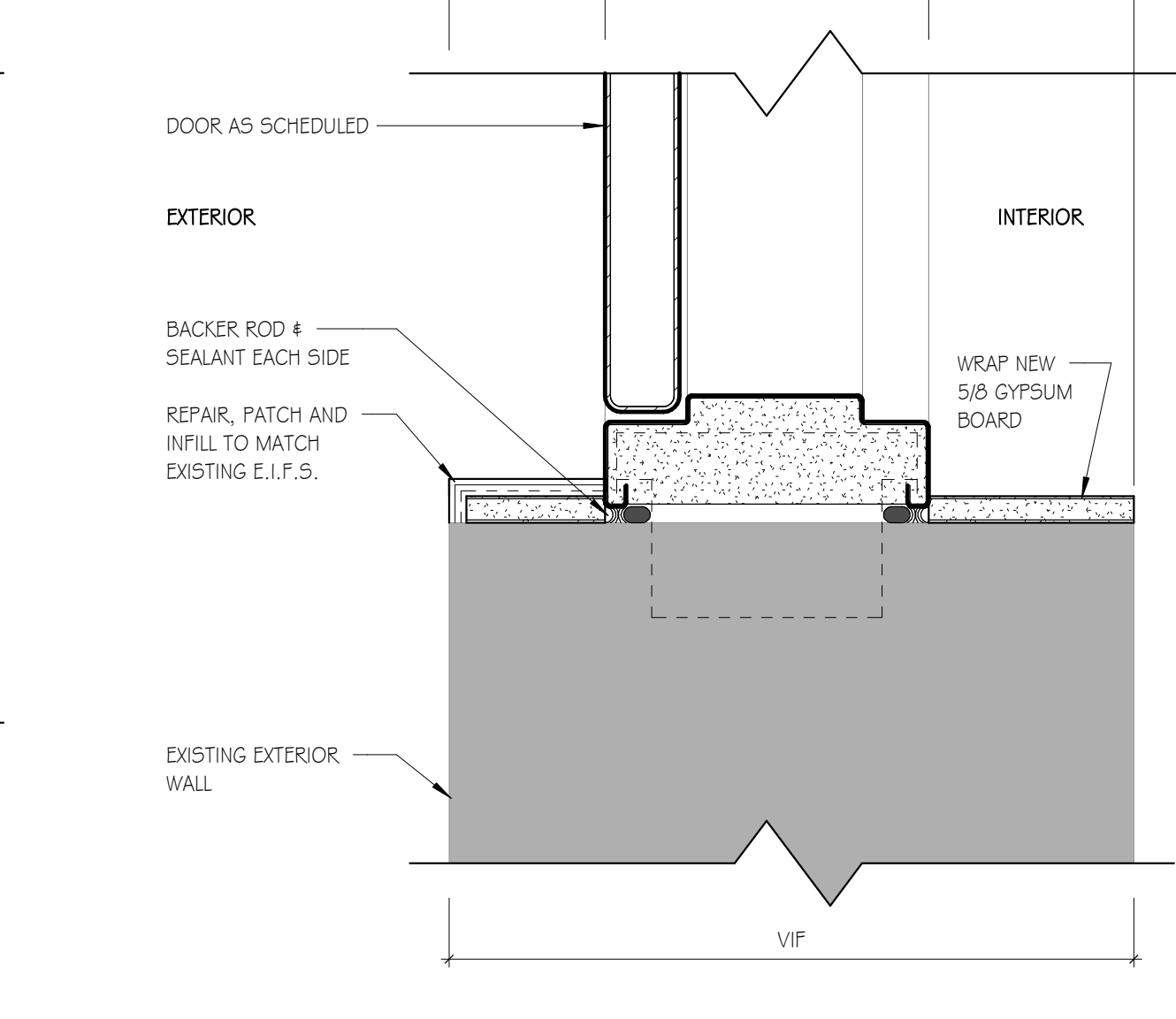
J1
 SCALE: 3" = 1'-0"



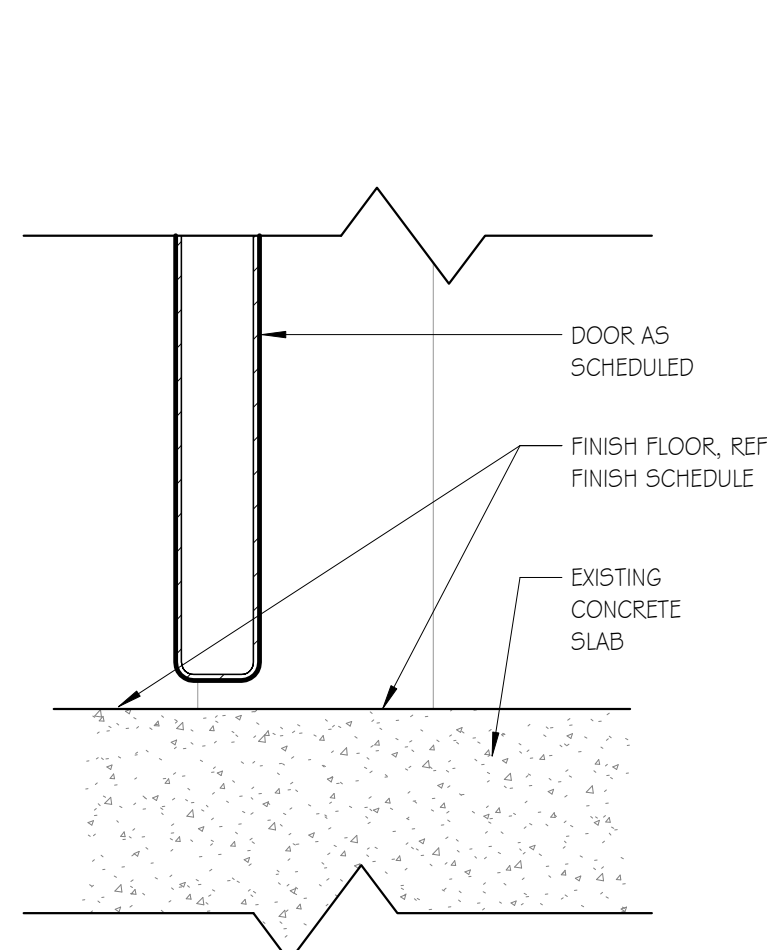
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 SCALE: 3" = 1'-0"



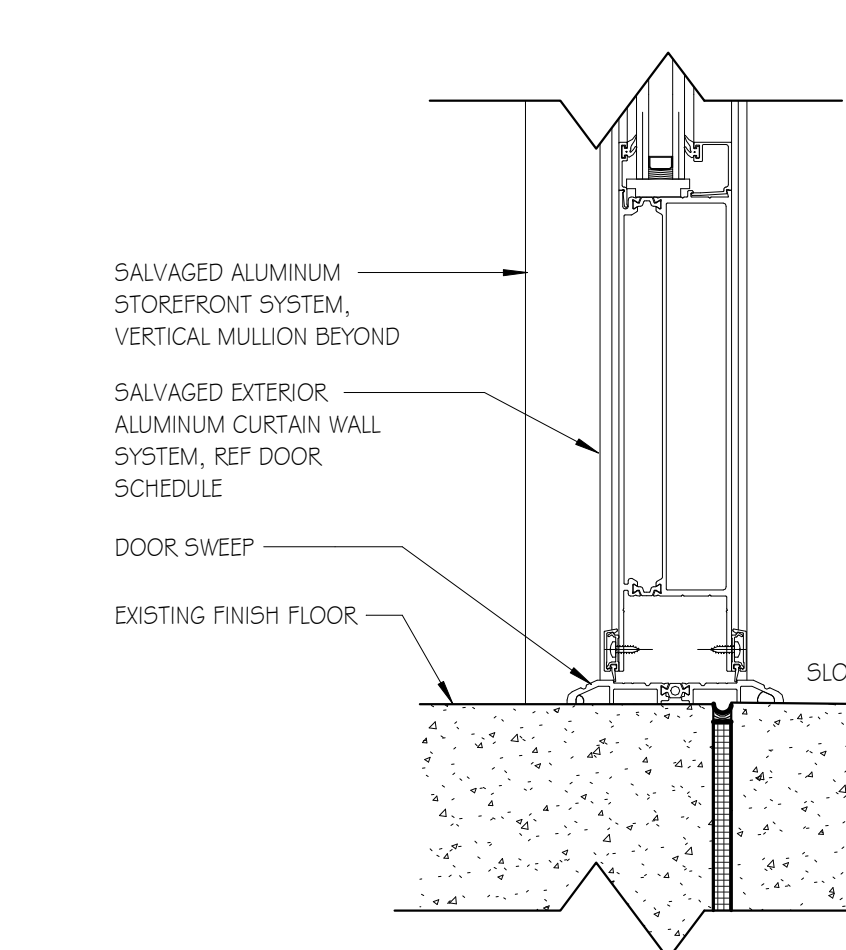
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 SCALE: 3" = 1'-0"



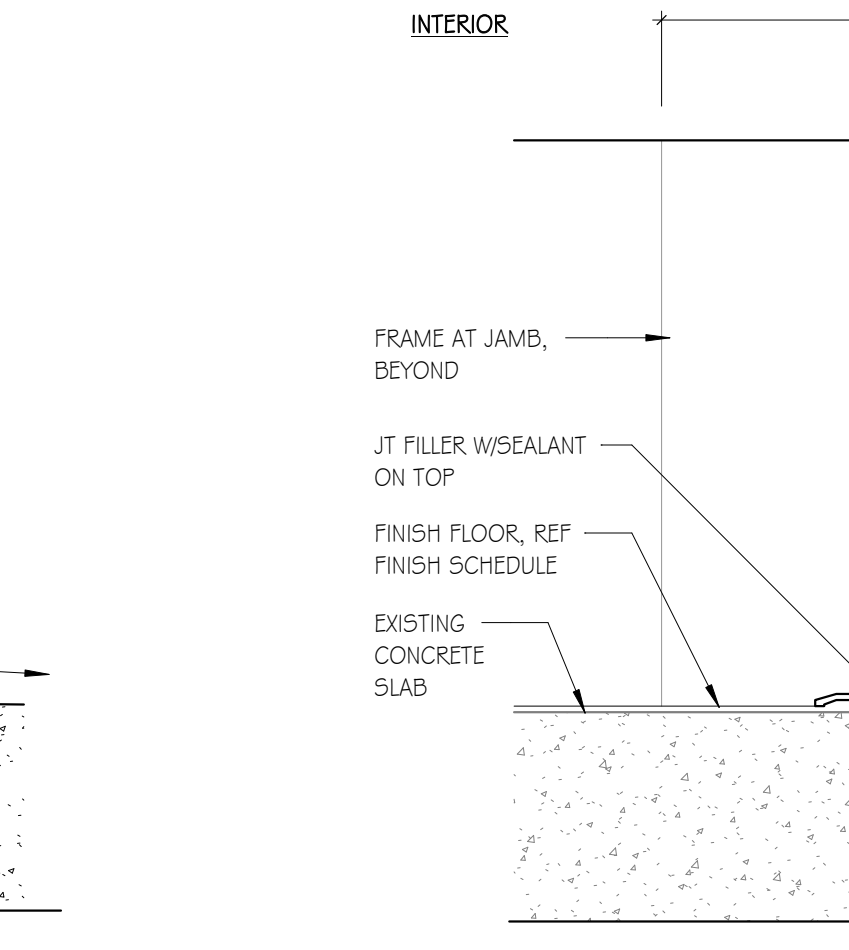
J4
 SCALE: 3" = 1'-0"



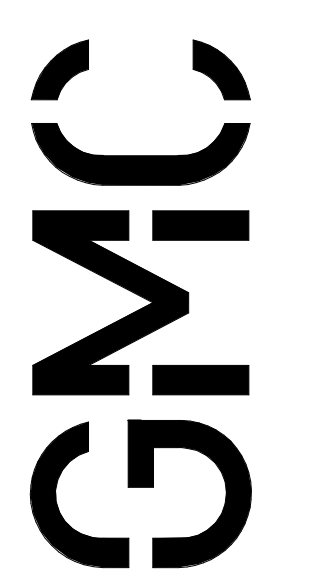
S1
 SCALE: 3" = 1'-0"



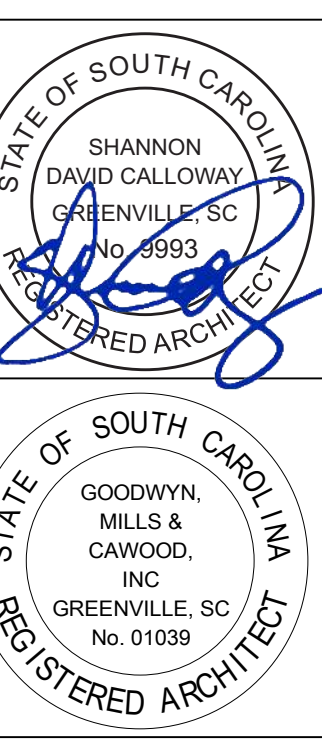
S2
 SCALE: 3" = 1'-0"



S3
 SCALE: 3" = 1'-0"



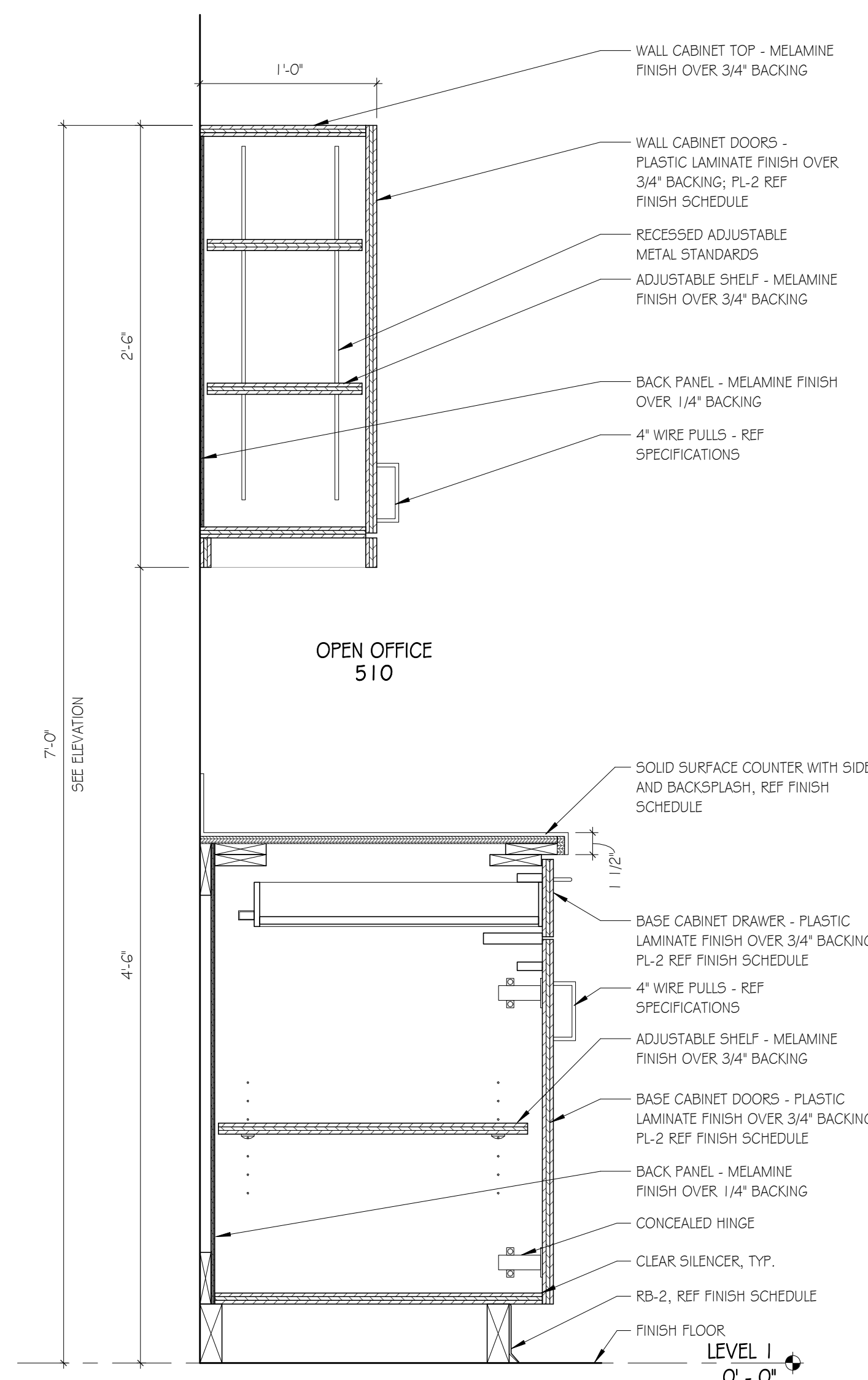
6722444 Myrtle Avenue, Suite 200
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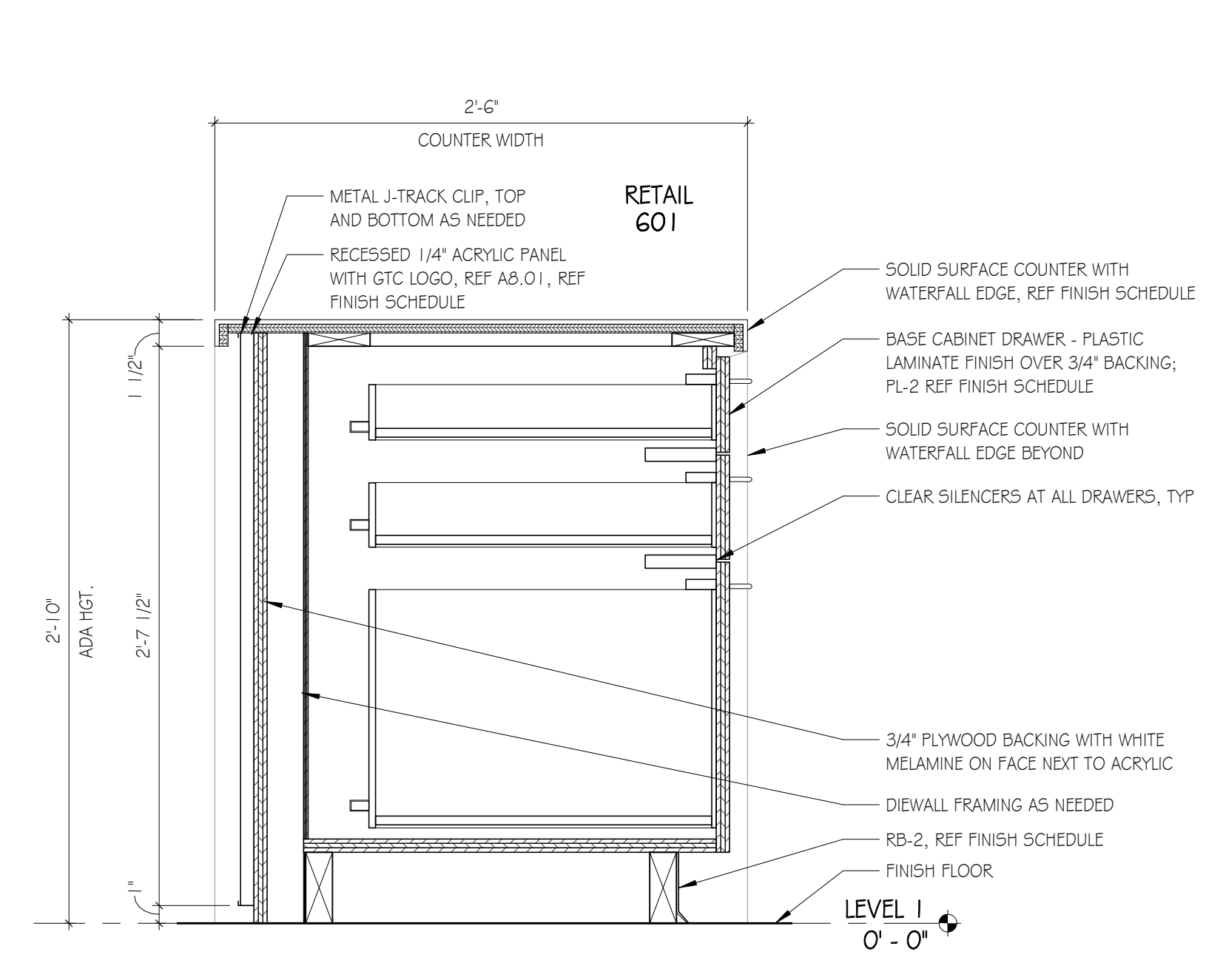
ISSUE	DATE
1	12/23/2020

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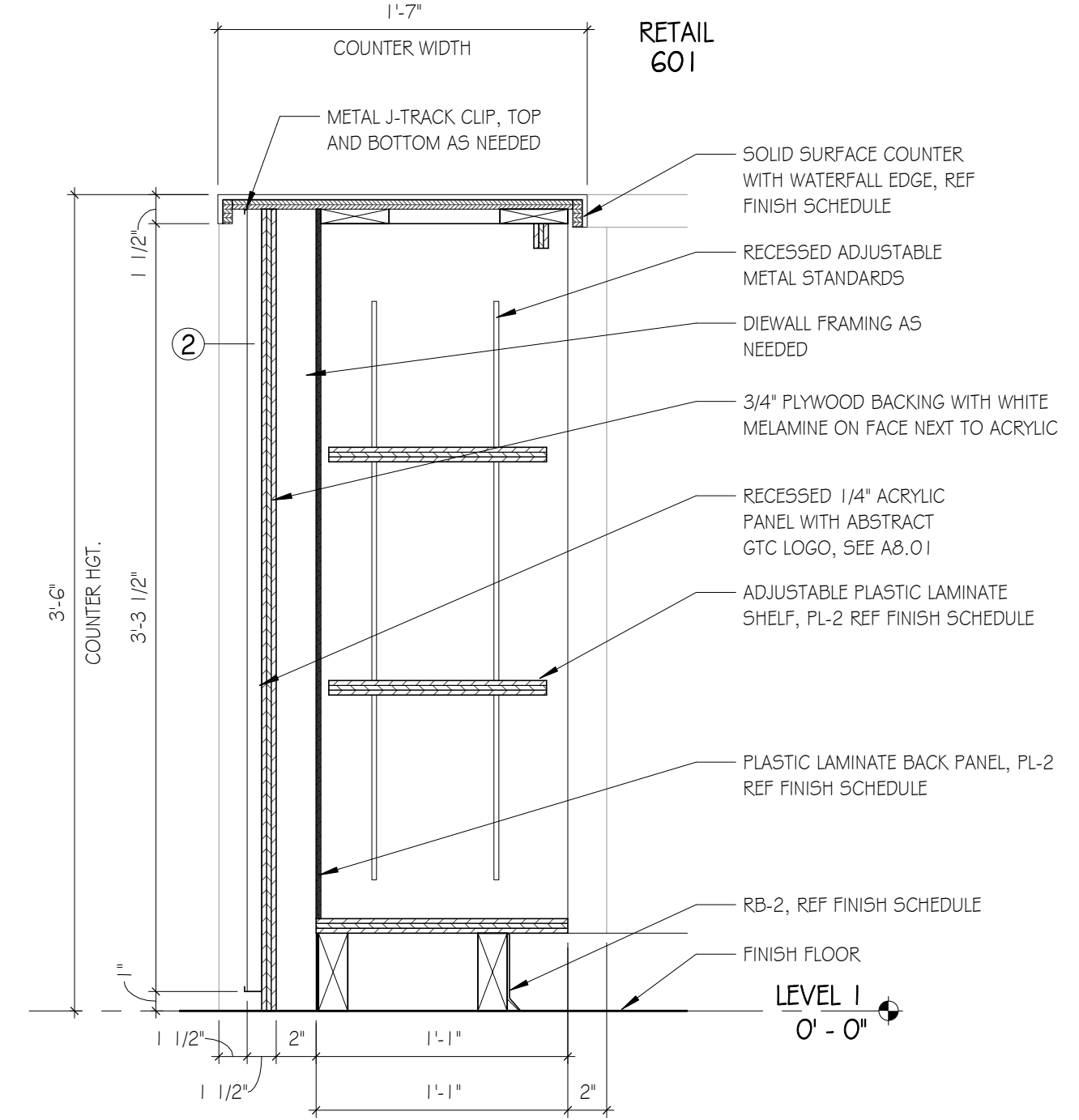
DOOR SCHEDULE,
 LEGEND, & DETAILS
A6.01



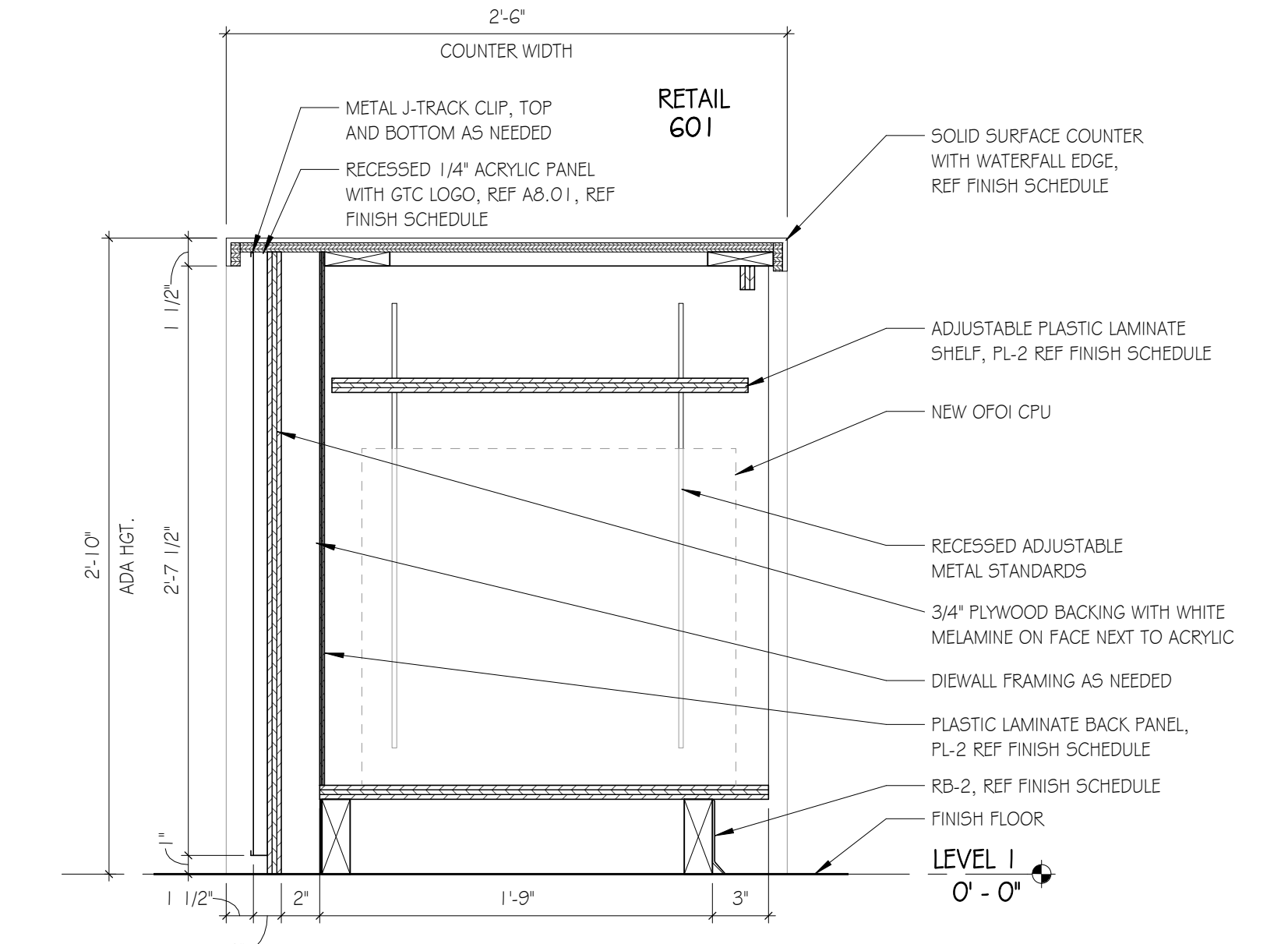
D1 MILLWORK - OPEN OFFICE
 SCALE: 11/2" = 1'-0"



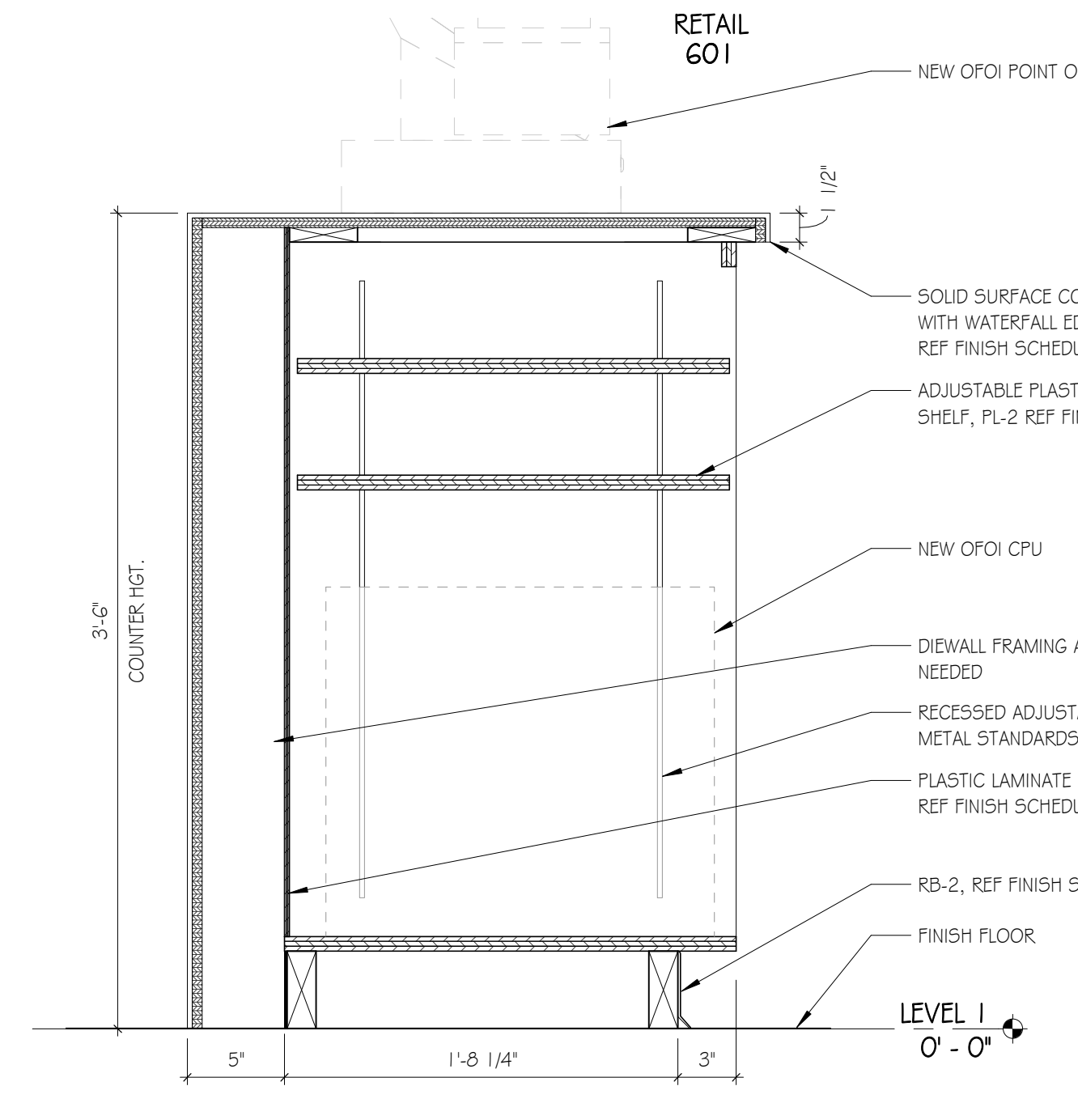
G4 MILLWORK - CHECKOUT DRAWER ADA
 SCALE: 11/2" = 1'-0"



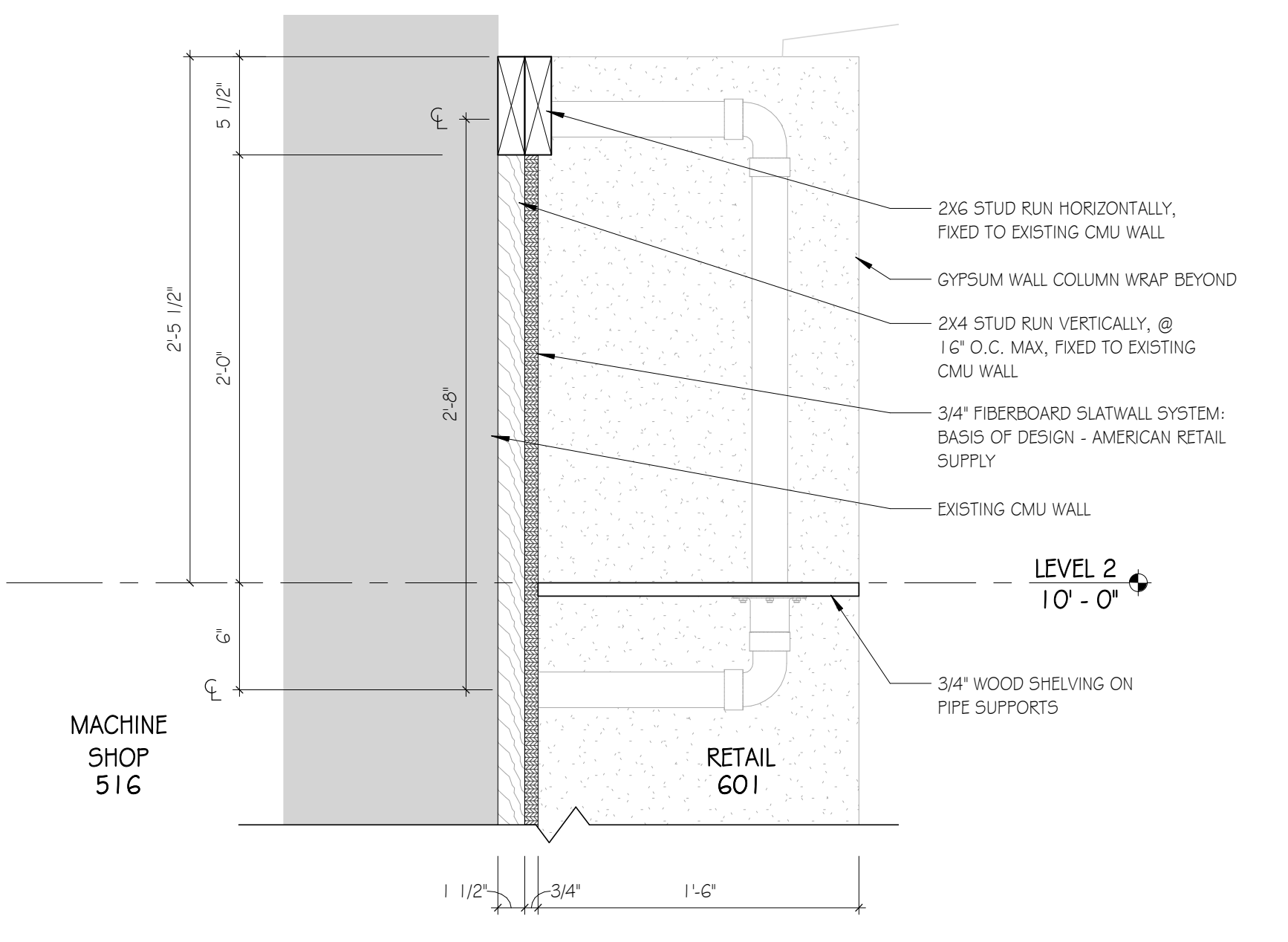
G7 MILLWORK - CHECKOUT 2
 SCALE: 11/2" = 1'-0"



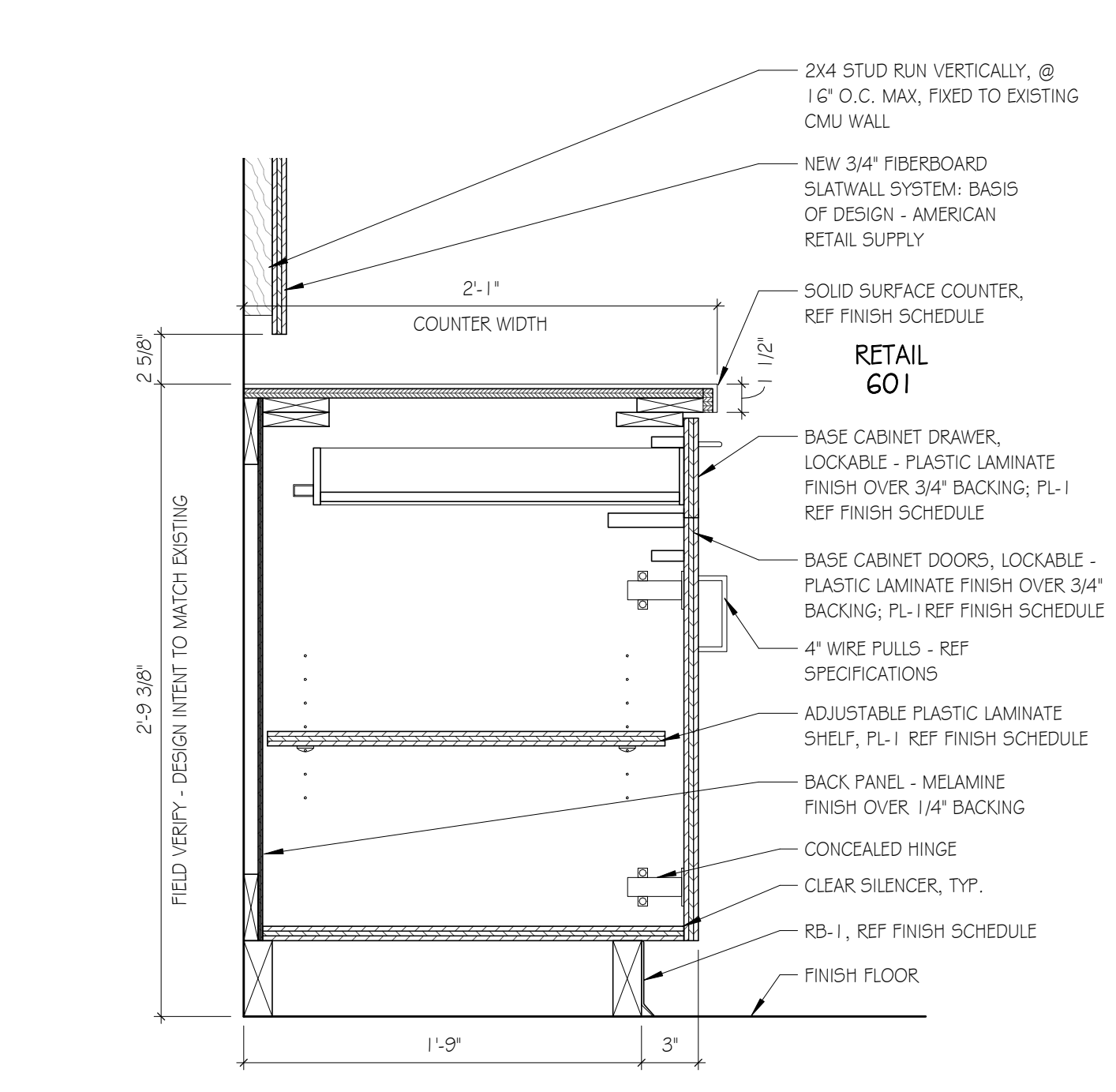
D4 MILLWORK - CHECKOUT ADA
 SCALE: 11/2" = 1'-0"



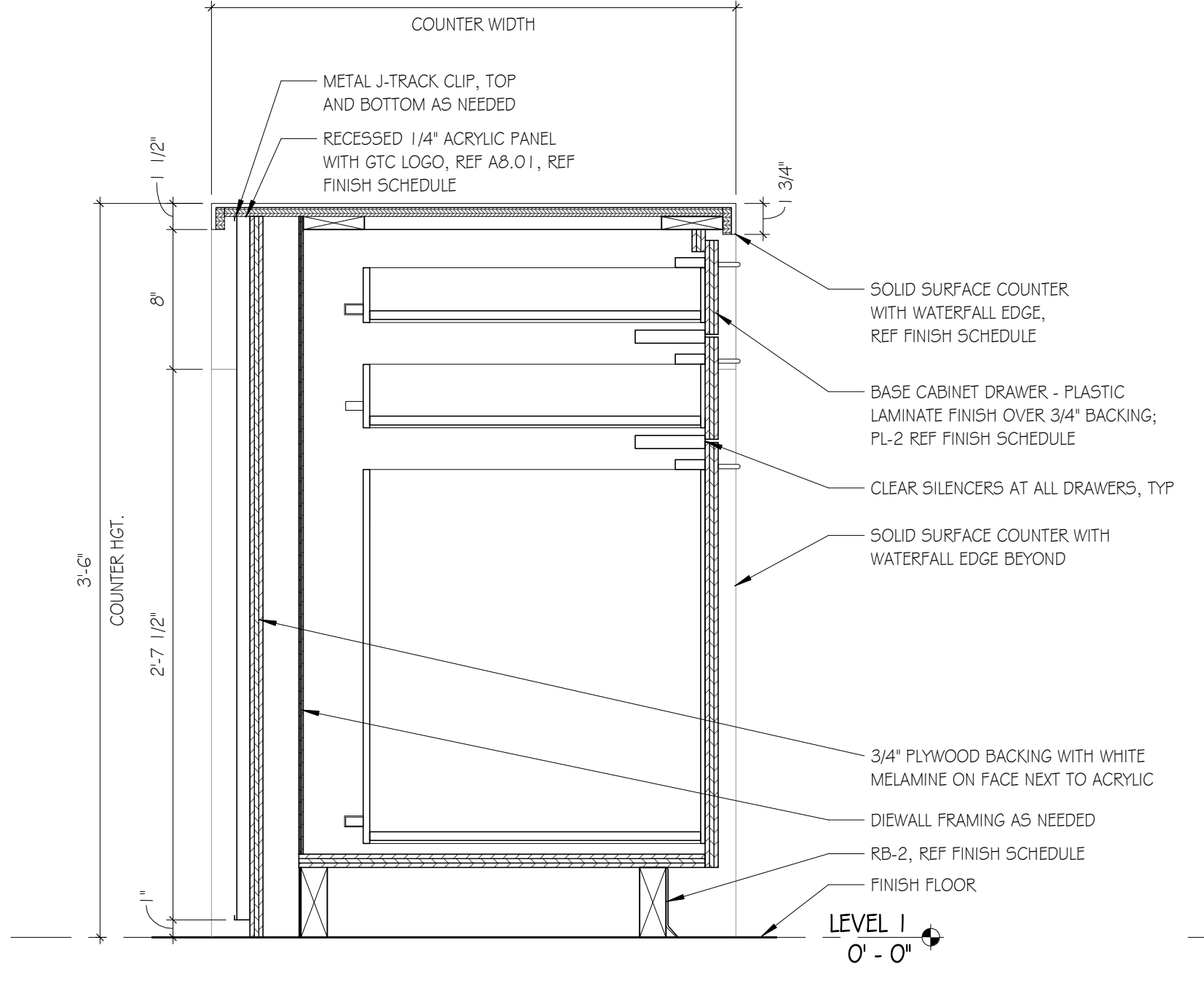
D7 MILLWORK - CHECKOUT 1
 SCALE: 11/2" = 1'-0"



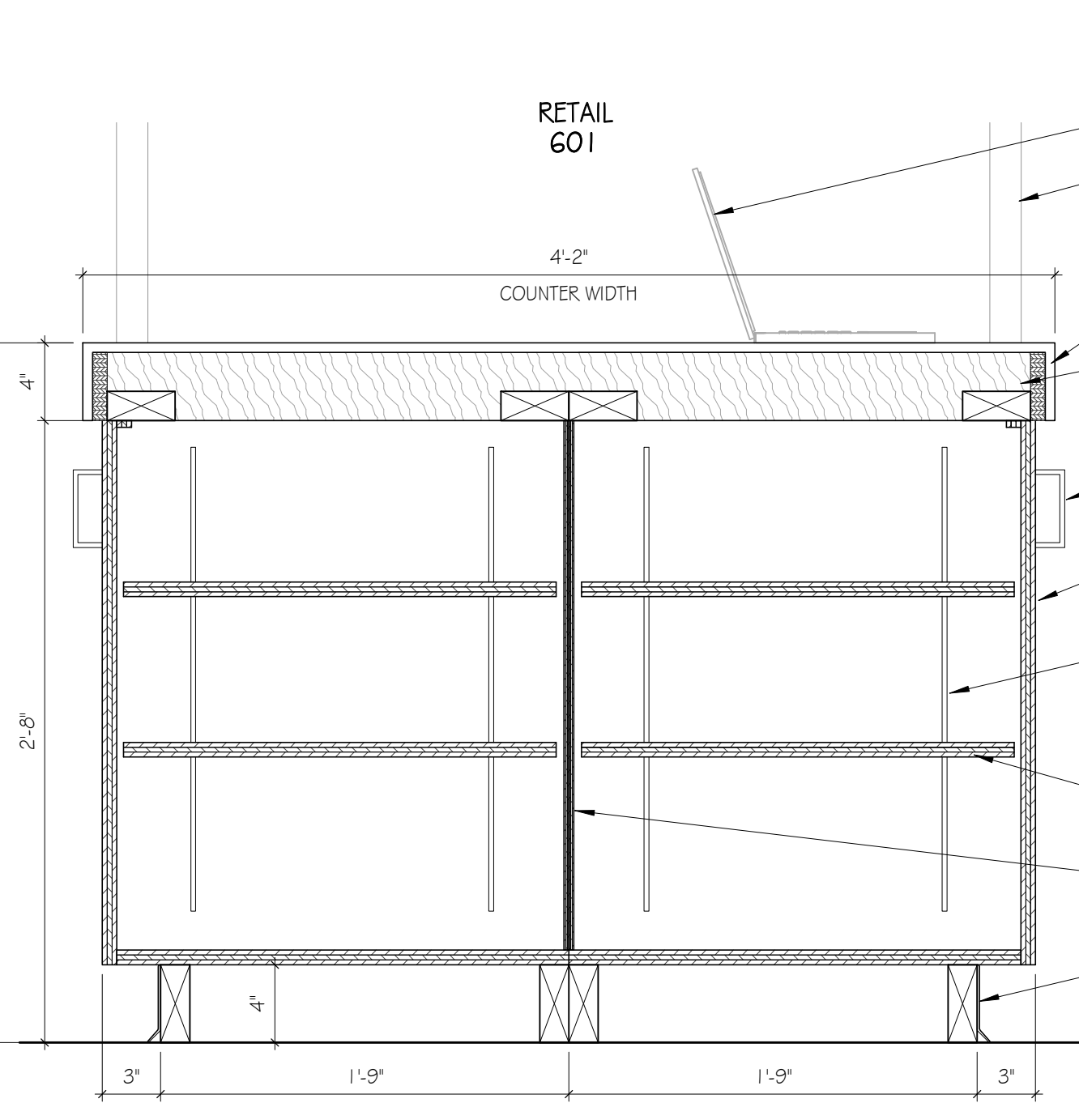
D10 SLAT WALL SHELVING ASSEMBLY
 SCALE: 11/2" = 1'-0"



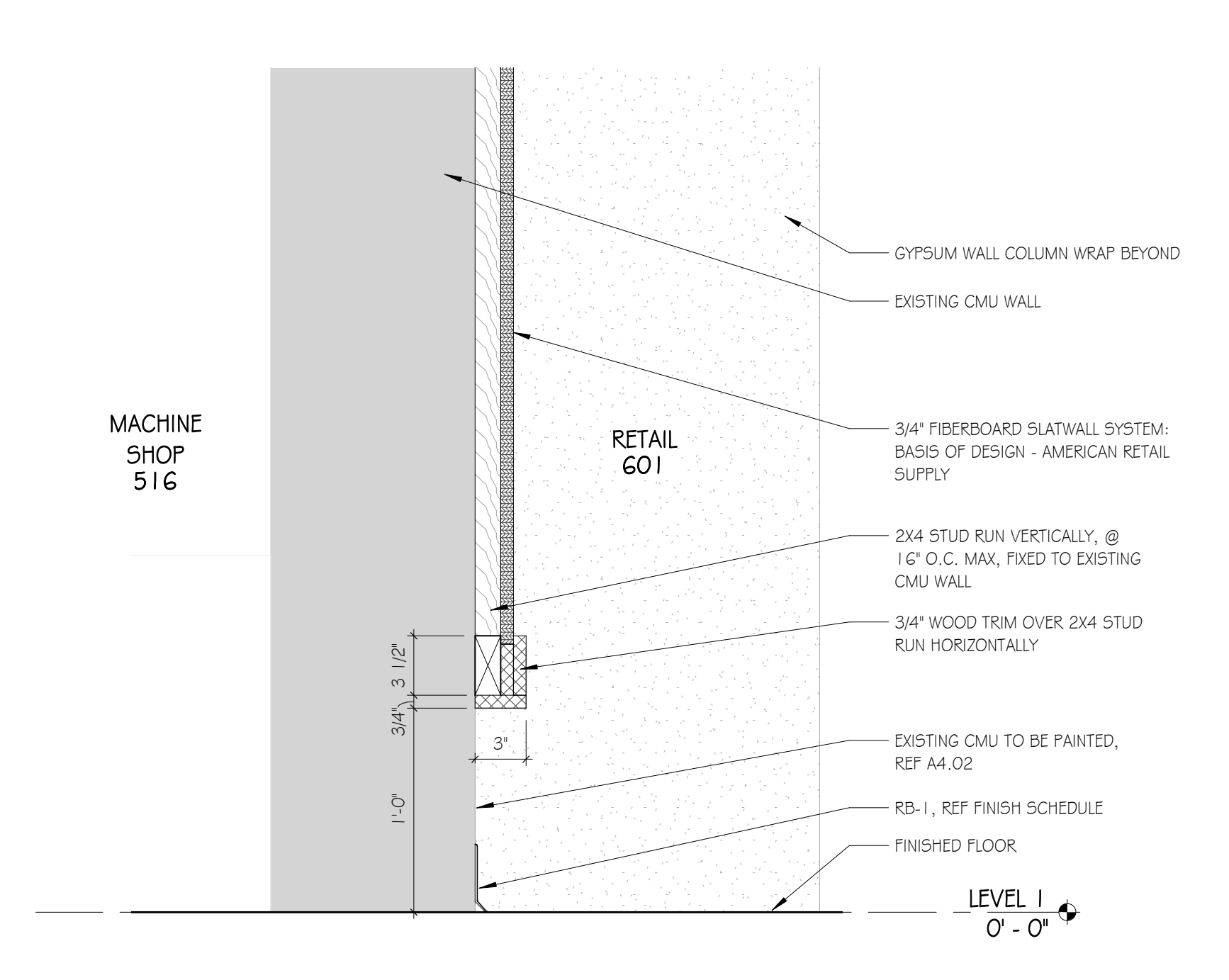
A1 MILLWORK - ROLL-UP DOOR
 SCALE: 11/2" = 1'-0"



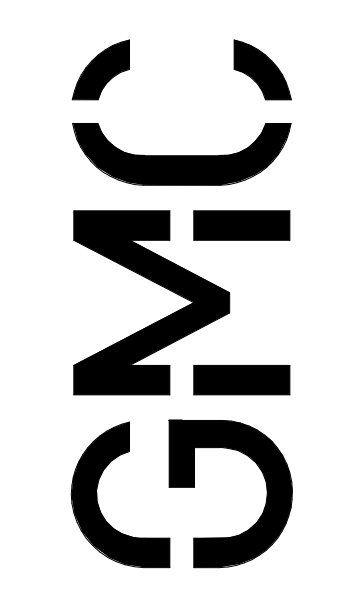
A4 MILLWORK - CHECKOUT DRAWER
 SCALE: 11/2" = 1'-0"



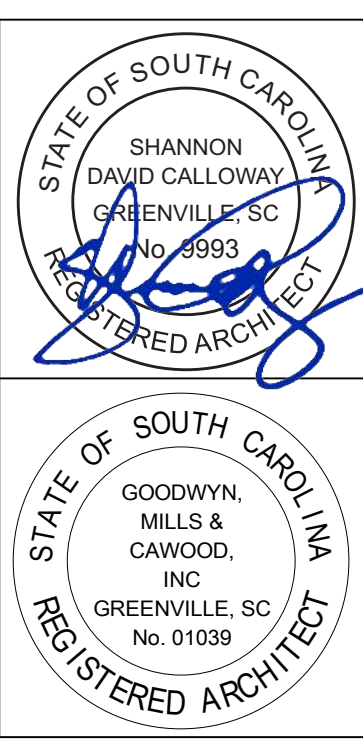
A7 MILLWORK - TECHNOLOGY
 SCALE: 11/2" = 1'-0"



A10 SLAT WALL SHELVING ASSEMBLY
 SCALE: 11/2" = 1'-0"



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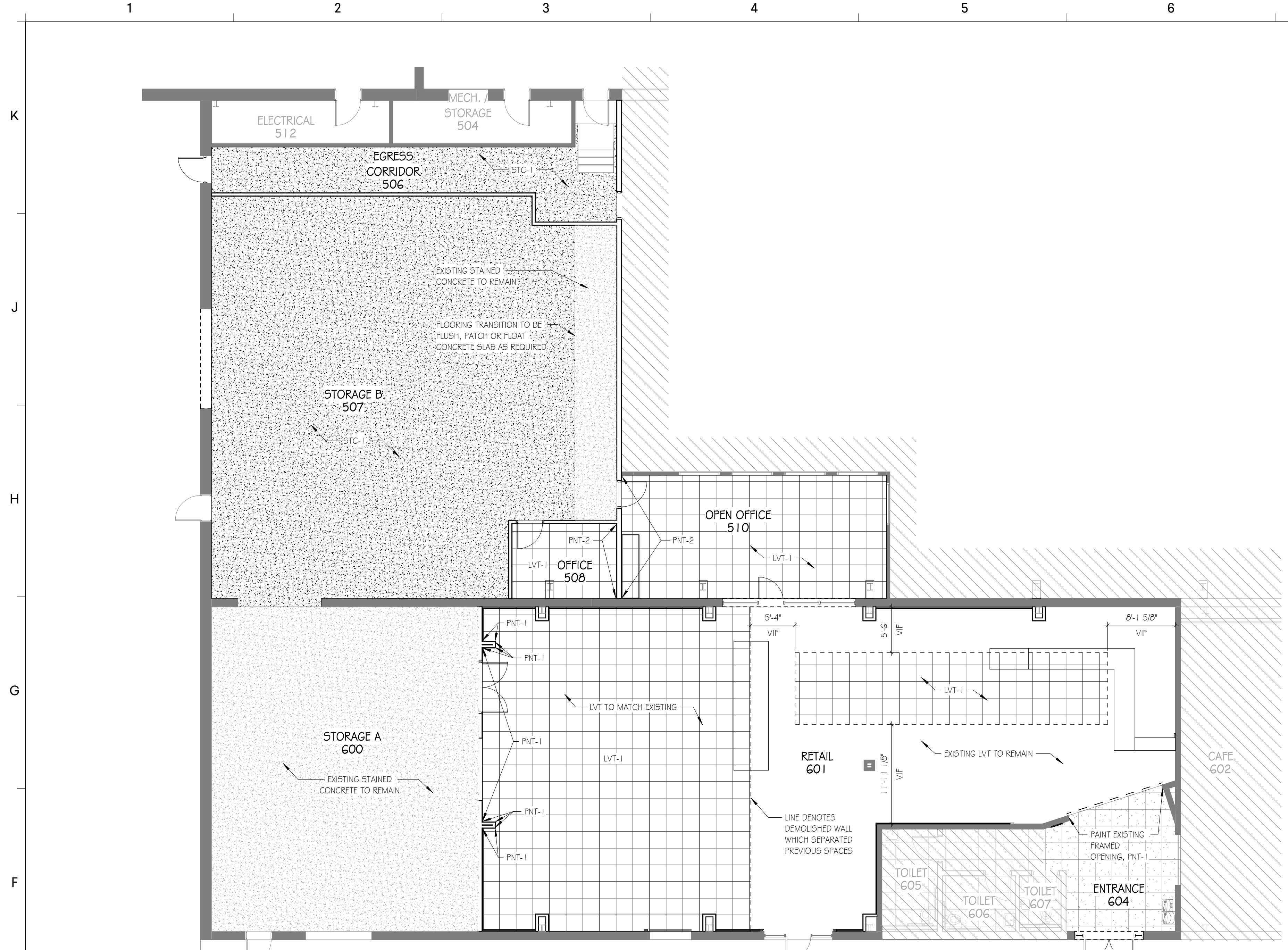
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MILLWORK DETAILS
A7.11

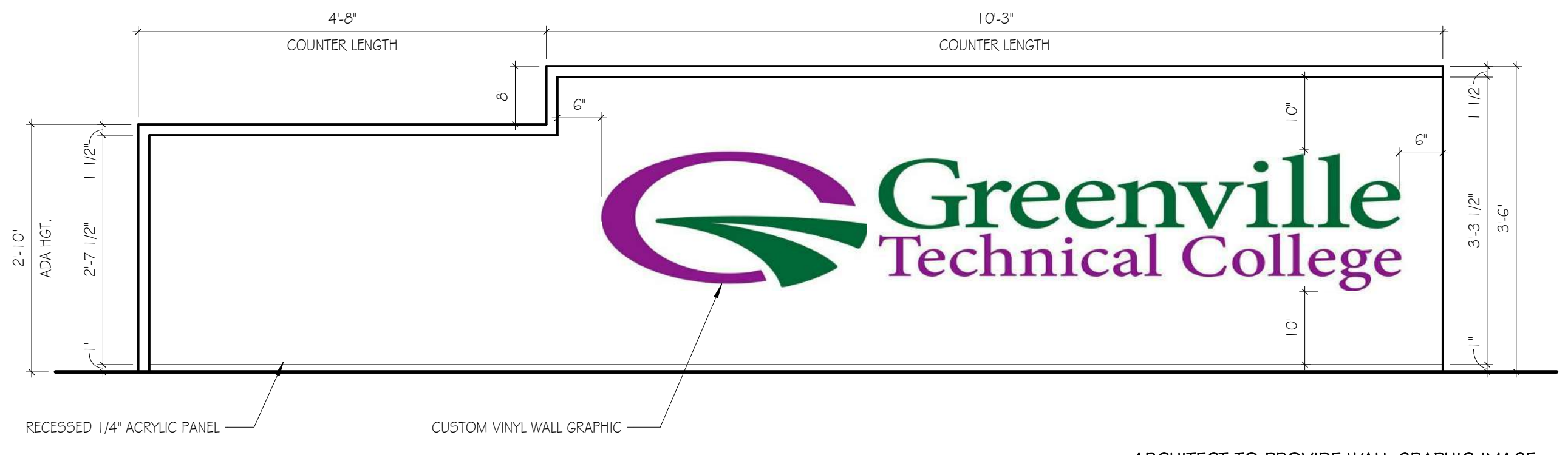


E1 FINISH PLAN
SCALE: 1/8" = 1'-0"

ROOM FINISH SCHEDULE								COMMENTS
ROOM #	ROOM NAME	FLOOR	BASE	NORTH WALL	WEST WALL	SOUTH WALL	EAST WALL	
506	EGRESS CORRIDOR	STC-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
507	STORAGE B	STC-1	RB-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	
508	OFFICE	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
510	OPEN OFFICE	LVT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
600	STORAGE A	STC-1	RB-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	
601	RETAIL	LVT-1	RB-1	SEE ELEV	SEE ELEV	SEE ELEV	SEE ELEV	

FINISH NOTES

GENERAL:
 A. REFER TO FINISH PLANS AND ELEVATIONS FOR LOCATION OF ACCENT PAINT COLORS.
 B. ALL HOLLOW METAL DOOR TO BE PAINTED AS INDICATED IN ELEVATION.
 C. ALL RESILIENT TRANSITION STRIPS, COLOR TO BE SELECTED BY OWNER/ARCHITECT FROM MANUFACTURER OPTIONS.
 D. ALL ACCESS PANELS AND GRILLES TO BE PAINTED WALL OR CEILING COLOR, UNLESS OTHERWISE NOTED.



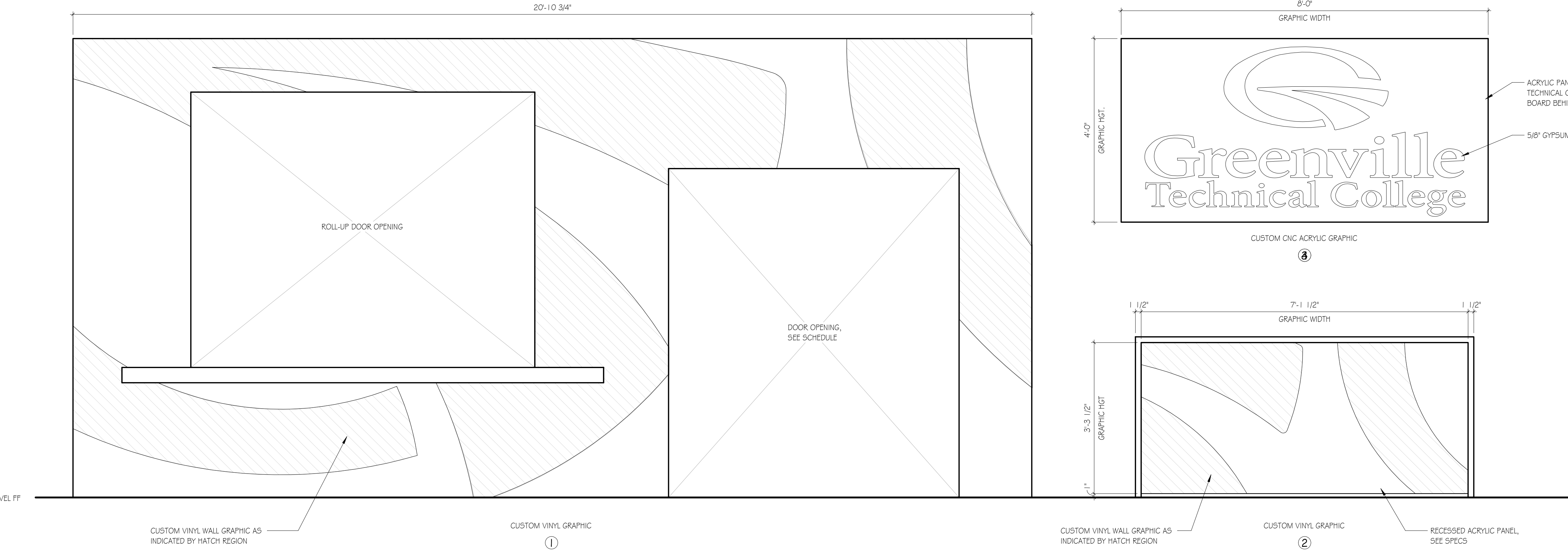
H8 CHECKOUT COUNTER GRAPHIC
SCALE: 3/4" = 1'-0"

FINISH LEGEND		
FLOOR		
LVT-1	LUXURY VINYL TILE	MANUFACTURER: KARNDÉAN STYLE NAME: DA VINCI COLOR: RP97 LIMED JUTE OAK SIZE: NARROW WOOD PLANK - 3'6" X 3'
SC-1	SEALED CONCRETE	MANUFACTURER: SHERWIN WILLIAMS, REF SPECS STYLE NAME: N/A COLOR: N/A - CLEAR

BASE		
RB-1	RUBBER BASE	MANUFACTURER: JOHNSONITE STYLE NAME: TRADITIONAL VINYL 1/8" COLOR: BURNT UMBER SIZE: 4"
RB-2	RUBBER BASE	MANUFACTURER: JOHNSONITE STYLE NAME: TRADITIONAL VINYL 1/8" COLOR: VAPOR GREY SIZE: 4"

WALL		
PNT-1	[GENERAL / MAIN PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: ICE CUBE, SW-G252
PNT-2	[ACCENT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: TIN LIZZIE, SW-9163
PNT-3	[ACCENT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: IRON ORE, SW-7069
PNT-4	[ACCENT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: PANTONE 349 - CUSTOM GREEN
PNT-5	[ACCENT PAINT]	MANUFACTURER: SHERWIN WILLIAMS COLOR: PANTONE 254 - CUSTOM FUCHSIA
PNT-6	[ABOVE CEILING / ROOF STRUCTURE]	MANUFACTURER: RUST-OLEUM COLOR: FLAT BLACK, 7776402

MISC		
AG-#	ACRYLIC PANEL	MANUFACTURER: ACRYLITE STYLE NAME: WDO08 - SATINICE COLOR: WHITE SIZE: 1/4"
CG-#	CORNER GUARDS	MANUFACTURER: STYLE NAME: COLOR: SIZE:
PL-1	PLASTIC LAMINATE [TYP. FACE]	MANUFACTURER: WILSONART STYLE NAME: STANDARD LAMINATE COLOR: SLATE GREY
PL-2	PLASTIC LAMINATE [TYP. FACE]	MANUFACTURER: WILSONART STYLE NAME: STANDARD LAMINATE COLOR: PLATINUM
SS-#	SOLID SURFACE	MANUFACTURER: DUPONT - CORIAN COLOR: CARBON CONCRETE THICKNESS: 1/4"



A1 WALL GRAPHICS
SCALE: 3/4" = 1'-0"

ARCHITECT TO PROVIDE WALL GRAPHIC IMAGE
CAD FILE DURING SUBMITTAL PROCESS

GMC

6725 McQueen Avenue, Suite 200
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STATE OF SOUTH CAROLINA
SHANNON DAVID CALLOWAY
GREENVILLE, SC
No. 8993
REGISTERED ARCHITECT

STATE OF SOUTH CAROLINA
GOODWYN MILLS & CAWOOD, INC.
GREENVILLE, SC
No. 01039
REGISTERED ARCHITECT

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GMC # AGRE20029
OSE # H59-N046-PD

**FINISH PLAN, LEGEND &
SCHEDULE**

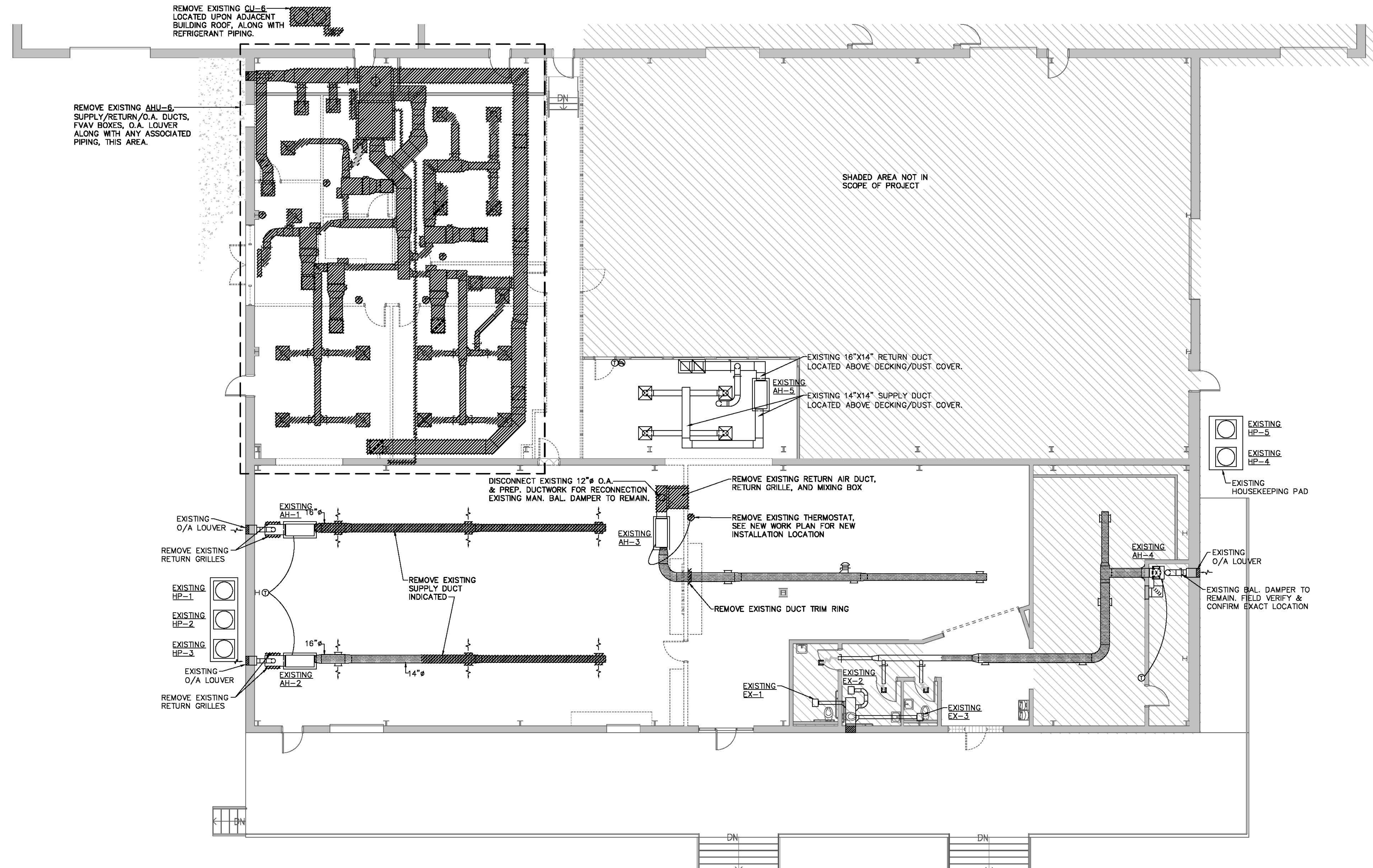
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ISSUE DATE	12/23/2020
1	ISSUE FOR BID

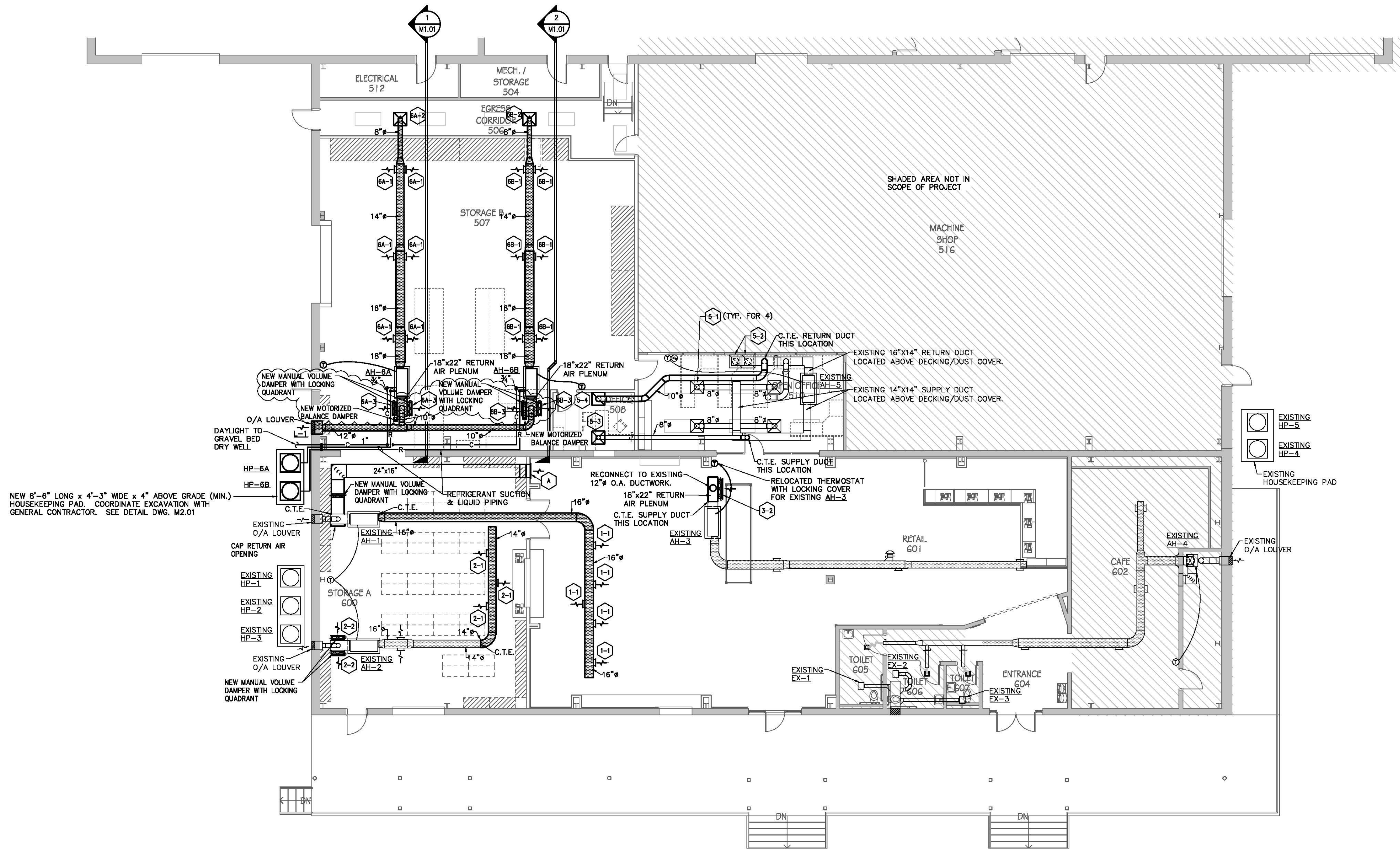
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 GMC # AGRE200029
 OSE # H59-N046-PD
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HVAC DEMOLITION
 FLOOR PLAN
MD1.01



HVAC DEMOLITION FLOOR PLAN
 SCALE: 1/8"=1'-0"
 TRUE NORTH
 HATCHED AREA INDICATED ITEM TO BE REMOVED
 EXISTING EXPOSED SPIRAL SEAM CONSTRUCTION
 DOUBLE WALL SUPPLY DUCT

Grid lines 1-12 and A-K are present along the top and bottom edges of the drawing.



NEW 8'-6" LONG x 4'-3" WIDE x 4" ABOVE GRADE (MIN.) HOUSEKEEPING PAD. COORDINATE EXCAVATION WITH GENERAL CONTRACTOR. SEE DETAIL DWG. M2.01

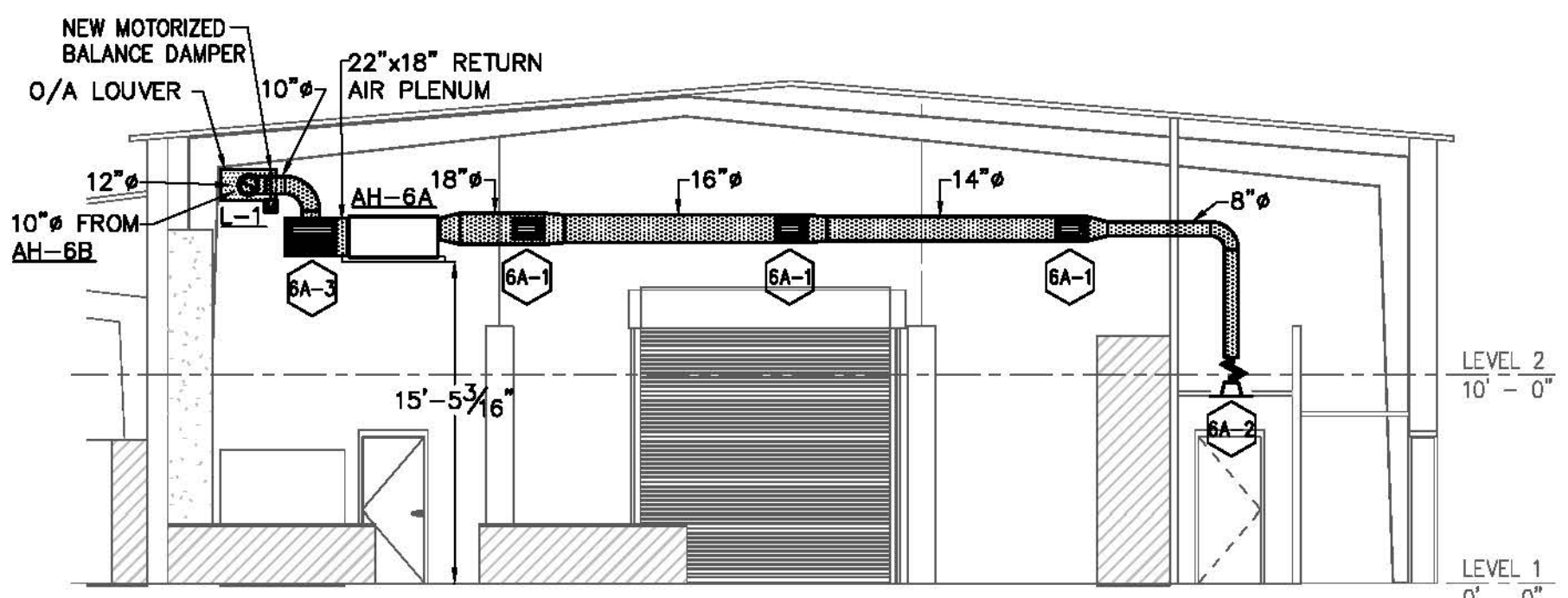


HVAC FLOOR PLAN
 SCALE: 1/8"=1'-0"

- ALL NEW WORK IN **BOLD**
- EXPOSED SPIRAL SEAM CONSTRUCTION DOUBLE WALL SUPPLY DUCT
- EXISTING EXPOSED SPIRAL SEAM CONSTRUCTION DOUBLE WALL SUPPLY DUCT

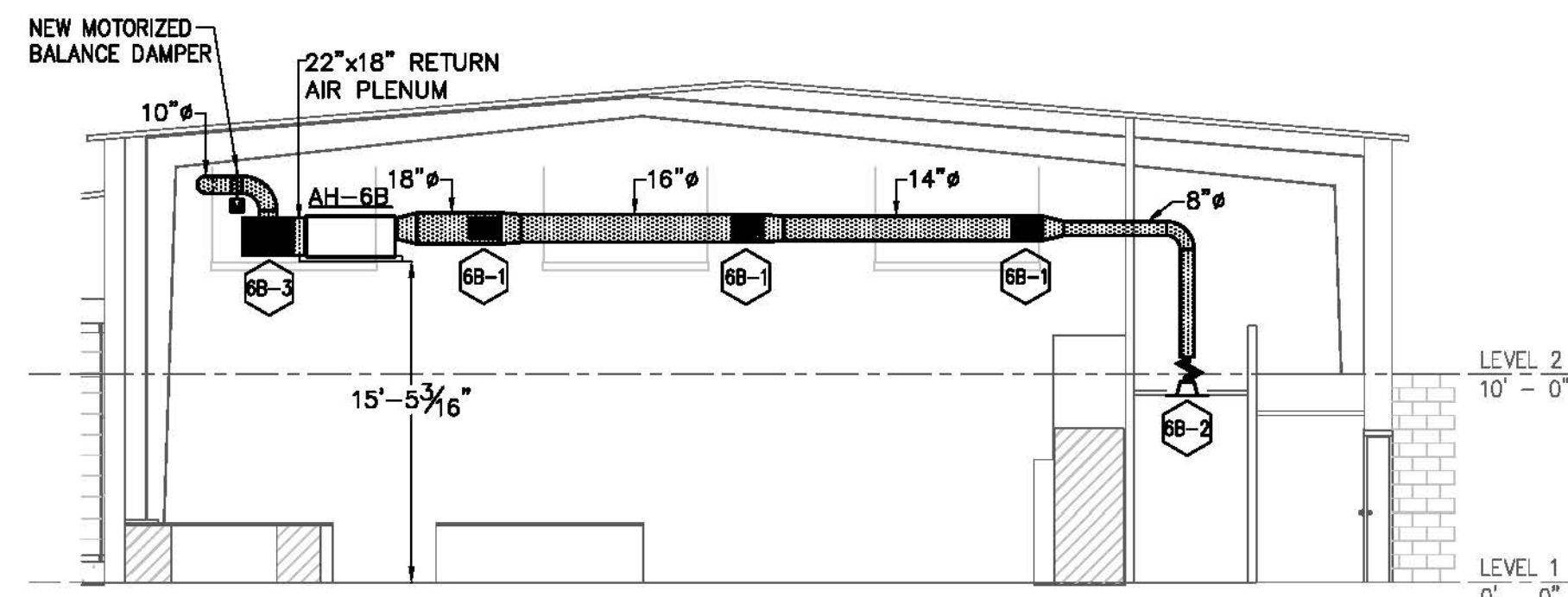
LOUVER SCHEDULE				
SYMBOL	LOUVER SIZE	TYPE	LOCATION	REMARKS
L-1	32"x18"	INTAKE	STORAGE B 101	NOTE 1

NOTE:
 1. "POTTORFF" MODEL 5FD-637 EXTRUDED ALUMINUM DRAIN BLADE LOUVER, 6" DEEP WITH 37.5 DEGREE BLADE ANGLE. COLOR SELECTION BY ARCHITECT. PROVIDE FLANGED FRAME.



SECTION 1
 SCALE: 1/8"=1'-0"
 ALL NEW WORK IN **BOLD**

- EXPOSED SPIRAL SEAM CONSTRUCTION DOUBLE WALL SUPPLY DUCT



SECTION 2
 SCALE: 1/8"=1'-0"
 ALL NEW WORK IN **BOLD**

- EXPOSED SPIRAL SEAM CONSTRUCTION DOUBLE WALL SUPPLY DUCT

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HVAC FLOOR PLAN

M1.01

ISSUE DATE	ISSUE FOR BID	ISSUE FOR BID	ISSUE FOR BID	ISSUE FOR BID	ISSUE FOR BID	ISSUE FOR BID	ISSUE FOR BID	ISSUE FOR BID	ISSUE FOR BID
12/23/2020									

DRAWN BY: LDF/TMI
 CHECKED BY: JCP

SPLIT SYSTEM HEAT PUMP SCHEDULE

UNIT	AREA SERVED	NOM. TONNAGE	TRANE MODEL No.	INDOOR UNIT DATA				OUTDOOR UNIT DATA																						
				C.F.M.		MAX. E.S.P. INCHES	FAN H.P.	MOTOR VOLTAGE	COOLING DATA				HEATING DATA				M.C.A.	M.F.S.	ITEM	TRANE MODEL No.	No. COMP.	No. FANS	M.C.A.	M.F.S.	VOLTAGE	REMARKS				
				TOTAL	O/A				TOTAL MBH	ENT. AIR DB°F	WB°F	EER/SEER	COP/HSPF	HEAT PUMP M.B.H.	DESIGN DB °F	ENT. DB °F											M.B.H.	K.W.	STGS.	VOLTAGE
AH-1	BOOK STORAGE A 100	4	TEM4A0C60SS1	1600	200	0.9	3/4	208-230/1/60	47.2	80	67	14 SEER	8.5 HSPF	44.8	47	70	36.9	10.8	1	208/3/60	44	45	HP-1	4TWR4048G1	1	1	26	45	208-230/1/60	NOTES 1-7
AH-2	BOOK STORAGE A 100	4	TEM4A0C60SS1	1600	200	0.9	3/4	208-230/1/60	47.2	80	67	14 SEER	8.5 HSPF	44.8	47	70	36.9	10.8	1	208/3/60	44	45	HP-2	4TWR4048G1	1	1	26	45	208-230/1/60	NOTES 1-7
AH-3	BOOKSTORE	4	TEM4A0C60SS1	1600	375	0.9	3/4	208-230/1/60	47.2	80	67	14 SEER	8.5 HSPF	44.8	47	70	36.9	10.8	1	208/3/60	44	45	HP-3	4TWR4048G1	1	1	26	45	208-230/1/60	NOTES 1-7
AH-4	MINI MARKET/COMMONS	3.5	TEM4A0C42S4	1400	275	0.9	1/2	208-230/1/60	41.9	80	67	14 SEER	8.5 HSPF	39.2	47	70	24.6	7.2	1	208/3/60	30	30	HP-4	4TWR4042G1	1	1	25	40	208-230/1/60	NOTES 1-7
AH-5	OFFICES 103/105																													
AH-6A	BOOK STORAGE B 101	5	TEM4A0C60SS1	1800	200	0.9	3/4	208-230/1/60	56.4	80	67	14.5 SEER	8.2 HSPF	53.5	47	70	49.1	14.4	1	480/3/60	25.6	30	HP-6	4TWA4060A4	1	1	9	15	480/3/60	NOTES 1-9
AH-6B	BOOK STORAGE B 101	5	TEM4A0C60SS1	1800	200	0.9	3/4	208-230/1/60	56.4	80	67	14.5 SEER	8.2 HSPF	53.5	47	70	49.1	14.4	1	480/3/60	25.6	30	HP-7	4TWA4060A4	1	1	9	15	480/3/60	NOTES 1-9

- PROVIDE WITH THE FOLLOWING FEATURES AND ACCESSORIES:
- EQUIPMENT MANUFACTURER SHALL PROVIDE RECOMMENDED REFRIGERANT LINE SIZES AND ALL REQUIRED REFRIGERANT SPECIALTIES FOR RELIABLE OPERATION.
 - AIR HANDLING UNIT/AUX. ELECTRIC HEATER COMBINATION SHALL BE SINGLE POINT POWER CONNECTION.
 - MINIMUM SYSTEM EFFICIENCY SHALL BE NO LESS THAN SCHEDULED.
 - PERFORMANCE DATA SCHEDULED ARE AT NOMINAL ARI RATING (210/240) CONDITIONS.
 - EXTENDED 2-10 YEAR COMPRESSOR WARRANTY.
 - R-410a REFRIGERANT.
 - MANUAL CHANGEOVER HEAT PUMP THERMOSTAT.
 - "WARREN TECHNOLOGY" MODEL WEM1505A AUXILIARY ELECTRIC HEATER WITH AUTOFORMER ACCESSORY TO PROVIDE 240V/1PH/60HZ POWER TO FAN MOTOR. CONTRACTOR TO COORDINATE FIELD POWER WIRING REQUIREMENTS TO AUTOFORMER, AND BETWEEN AUTOFORMER AND HEATER, WITH ELECTRICAL CONTRACTOR.
 - MIXED AIR SIDE ACCESS FILTER BOX KIT FOR USE WITH 1" THICK PLEATED MEDIA THROWAWAY FILTER(MERV8). PROVIDE A TOTAL OF THREE (3) SETS OF FILTERS.

VENTILATION AIR SCHEDULE (PER IMC 2018 TABLE 403.3.1.1) - SINGLE ZONE SYSTEMS

SYSTEM NO.	DESCRIPTION	SIZE / PEOPLE	METHOD	CALCULATIONS	CFM REQ'D	CFM PROVIDED
AH-6A	RETAIL BOOK STORAGE B 101	S.F. = 1123 S.F. Z.A.D.E. = 0.8	0.12 CFM PER S.F.	$(0.12 \times 1123) = 134.76$	169	200 CFM
AH-6B	RETAIL BOOK STORAGE B 101	S.F. = 1123 S.F. Z.A.D.E. = 0.8	0.12 CFM PER S.F.	$(0.12 \times 1123) = 134.76$	169	200 CFM

- NOTES:
1. Z.A.D.E. - ZONE AIR DISTRIBUTION EFFECTIVENESS, E²

AIR DEVICE SCHEDULE

SYMBOL	TITUS MODEL No.	NECK SIZE	C.F.M.	No. REQ'D	REMARKS
1-1	S300FS	14"x8"	320	5	NOTE 1
2-1	S300FS	14"x8"	320	3	NOTE 1
2-2	350RL	24"x18"	800	2	NOTE 3
3-2	350RL	36"x18"	1600	1	NOTE 3
5-1	EXISTING SUPPLY DIFFUSER			4	NOTE 5
5-2	EXISTING RETURN GRILLE			2	
5-3	TDC	12"x12"x8"	200	1	2 WAY THROW, NOTE 2
5-4	PAR	10"φ	200	1	NOTE 4
6A-1	S300FS	12"x8"	277	6	NOTE 1
6A-2	TDC	12"x12"x8"	140	1	2 WAY THROW, NOTE 2
6A-3	350RL	24"x18"	900	2	NOTE 3
6B-1	S300FS	12"x8"	277	6	NOTE 1
6B-2	TDC	12"x12"x8"	140	1	2 WAY THROW, NOTE 2
6B-3	350RL	24"x18"	900	2	NOTE 3
A	350RL	24"x22"	1600	1	NOTE 3

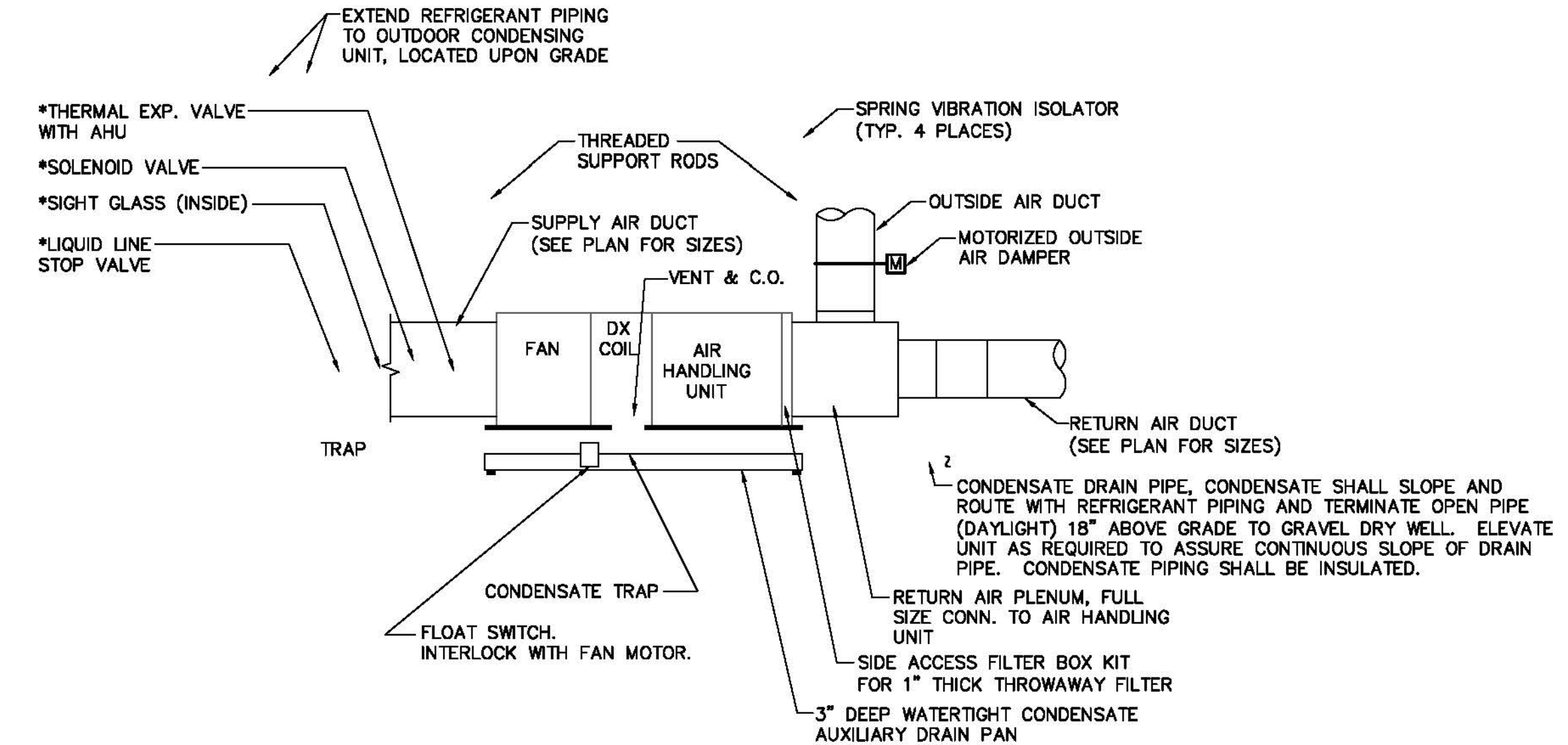
- NOTES:
1. DOUBLE DEFLECTION SPIRAL DUCT MOUNTED SUPPLY REGISTER WITH CURVED RADIUS BORDER, AND AIR EXTRACTOR.
2. LOUVER FACE CEILING SUPPLY DIFFUSER.
3. ANGLED BLADE RETURN GRILLE.
4. PERFORATED FACE CEILING RETURN.
5. RE-BALANCE EXISTING SUPPLY DIFFUSER WITH EXISTING OPPOSED BLADE DAMPER TO 250 CFM EACH.

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
C.T.E.	CONNECT TO EXISTING
—	CONDENSATE PIPING
—R	REFRIGERANT SUCTION/LIQUID PIPING
⊗	BALL VALVE
⊕	GATE VALVE
⊙	GLOBE VALVE
—	REDUCER
—	UNION
⊗	CARBON DIOXIDE SENSOR
⊕	THERMOSTAT
⊗	SUPPLY DIFFUSER
⊕	RETURN DIFFUSER
—	SUPPLY DUCT
—	RETURN DUCT
⊗	MOTORIZED DAMPER
—	DUCT TAKE-OFF W/DAMPER
⊗	EXHAUST FAN
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
⊗	MANUAL BALANCE DAMPER (ROUND)
⊕	MANUAL BALANCE DAMPER (SQUARE)
⊗	MANUAL VOLUME DAMPER WITH LOCKING QUADRANT

MECHANICAL GENERAL NOTES

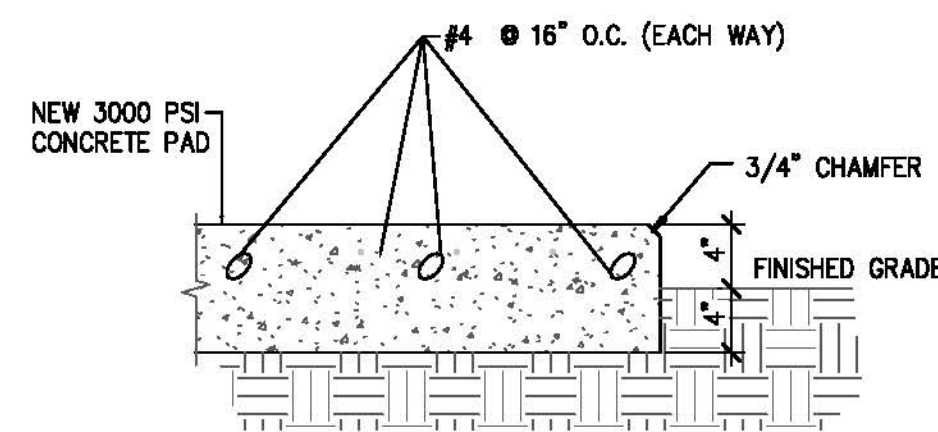
- ALL SCHEDULES SHOWN ARE THE PURPOSE OF AIDING THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORRECT TOTALS.
- THE CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR CONSTRUCTION DETAILS. CO-ORDINATE HVAC INSTALLATION WITH ALL OTHER TRADES.
- REFER TO ELECTRICAL DRAWINGS FOR POWER CONNECTION POINTS.
- FOR EXACT DIFFUSER/GRILLE LOCATIONS, REFER TO ARCHITECTURAL REFLECTED CEILING PLANS.
- ALL INSULATION AND FLEX DUCT SHALL COMPLY WITH CHAPTER 6 OF THE INTERNATIONAL MECHANICAL CODE, 2018 EDITION.
- AUXILIARY DRAIN PANS AND LINES SHALL COMPLY WITH CHAPTER 3 OF THE INTERNATIONAL MECHANICAL CODE, 2018 EDITION.
- ALL ELECTRICALLY POWERED EQUIPMENT SHALL BE LISTED AND LABELED PER NATIONAL ELECTRICAL CODE, 2017 EDITION CHAPTER 3, AND INTERNATIONAL MECHANICAL CODE, 2018 EDITION CHAPTER 3.
- ALL EQUIPMENT SHALL BE ACCESSIBLE PER INTERNATIONAL MECHANICAL CODE, CHAPTER 3 2018 EDITION.
- ALL DUCTWORK ARRANGEMENT AND ROUTING AS SHOWN IS DIAGRAMMATIC AND MAY REQUIRE ALTERATIONS DIFFERENT FROM THAT SHOWN IN ORDER TO ACCOMMODATE STRUCTURE/ARCHITECTURAL FEATURES. CONTRACTOR SHALL FIELD VERIFY AND MAKE ALTERATIONS AS REQUIRED.
- INSIDE DUCT DIMENSIONS SHALL BE SAME AS THOSE SHOWN ON DRAWINGS.



TYPICAL HORIZONTAL AIR HANDLER UNIT INSTALLATION DETAIL

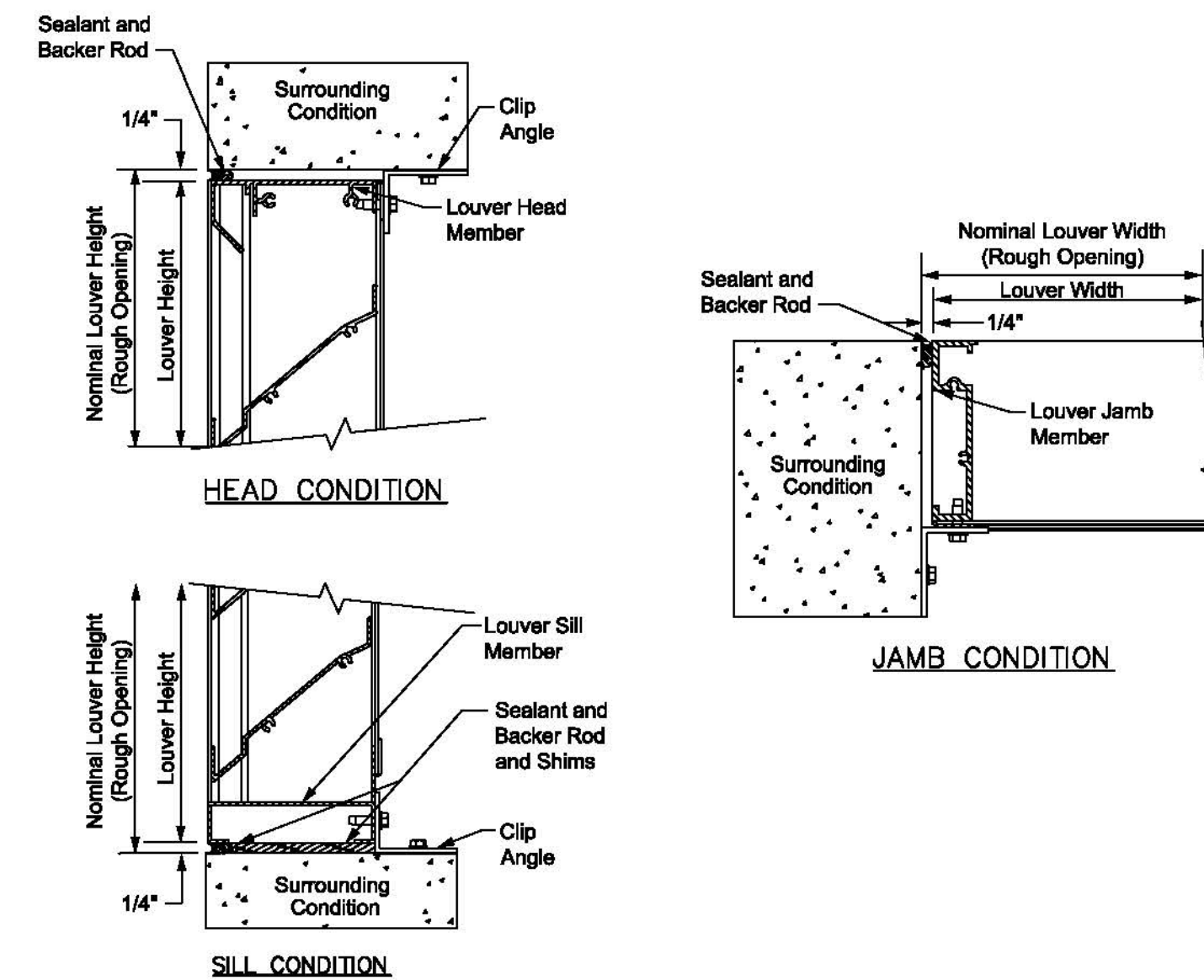
SCALE : NONE

- NOTES:
- *SPLIT SYSTEM MFR. SHALL PROVIDE RECOMMENDED REFRIGERANT PIPE SIZES AND INCLUDE REQUIRED REFRIGERANT SPECIALTIES.
 - TYPICAL FOR AH-6A, AND AH-6B.



HOUSEKEEPING PAD DETAIL

NO SCALE
NEW 8'-6\"/>



LOUVER INSTALLATION DETAILS

SCALE : NONE

LOUVER SHALL FEATURE FLANGED FRAME FOR INSTALLATION IN EXISTING EXTERIOR WALL ASSEMBLY.

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ISSUE DATE	12/23/2020
1	ISSUE FOR BID

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OSE # H59-N046-PD
1: ISSUE FOR BID

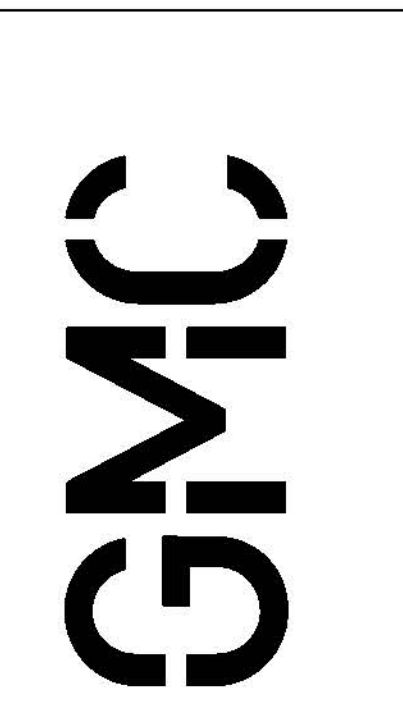
HVAC SCHEDULES
& DETAILS

M2.01

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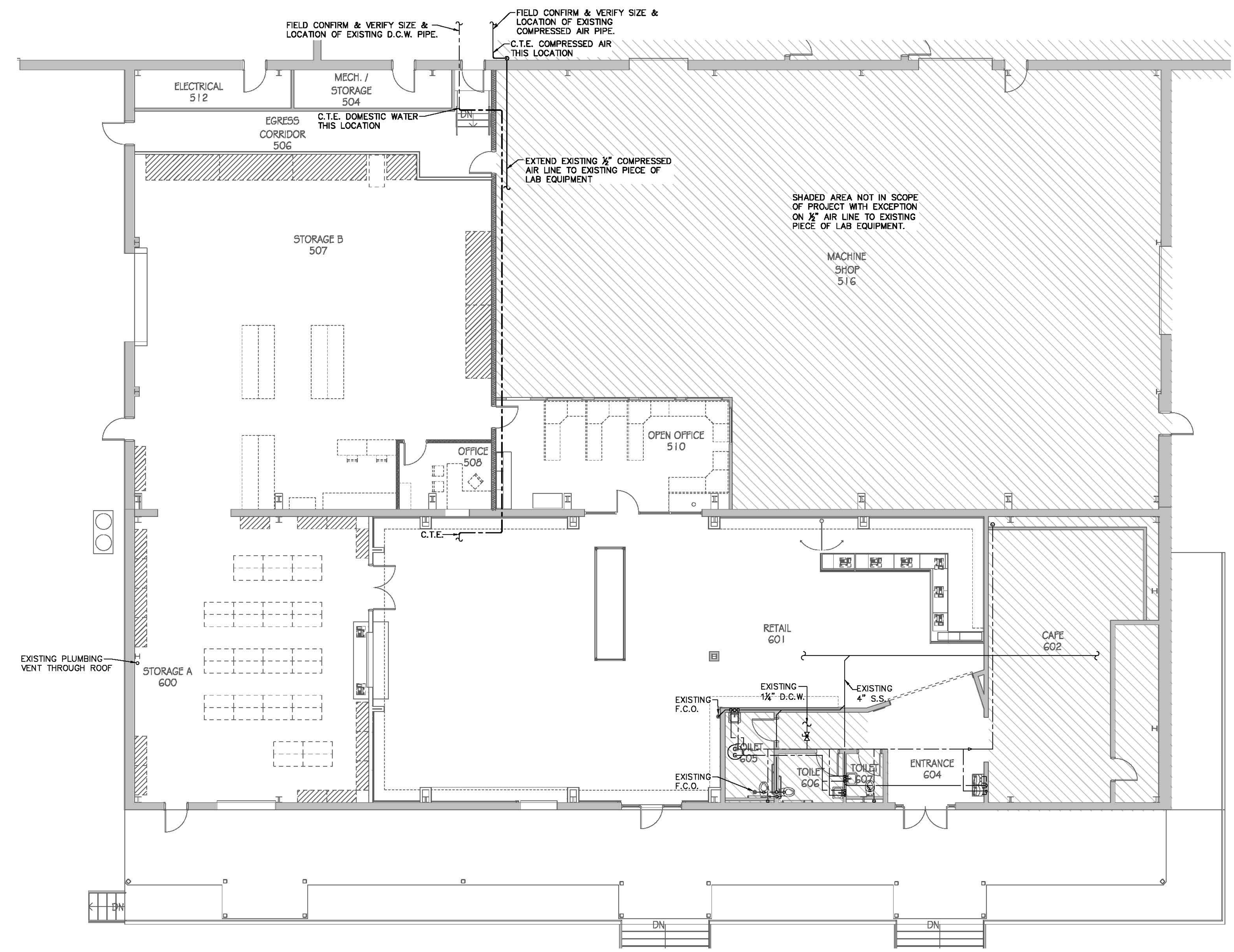
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PLUMBING FLOOR
PLANS & SCHEDULES
P1.01

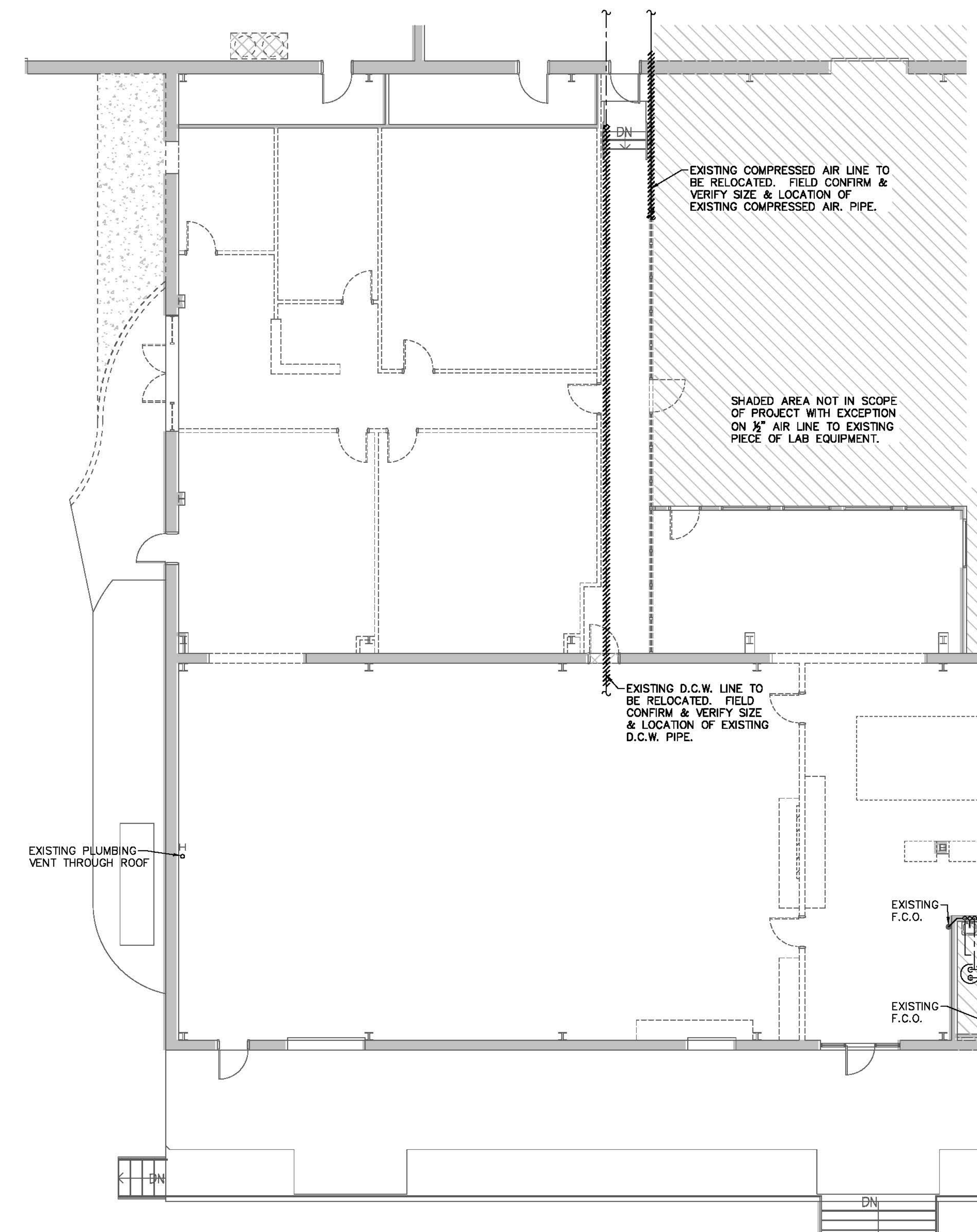


PLUMBING FIRST FLOOR PLAN - NEW WORK
SCALE: 1/8" = 1'-0"



ITEM	DESCRIPTION
C.O.	CLEAN OUT
F.D.	FLOOR DRAIN
H.D.	HUB DRAIN
S.S.	SANITARY SEWER
F.C.O.	FLOOR CLEAN OUT
V.T.R.	VENT THRU ROOF
W.C.O.	WALL CLEAN OUT
W.H.	WALL HYDRANT
C.T.E.	CONNECT TO EXISTING
—	DOMESTIC COLD WATER PIPING - D.C.W.
—	DOMESTIC HOT WATER PIPING - D.H.W.
—	DOMESTIC HOT WATER RETURN PIPING - D.H.W.R.
—	SANITARY SEWER or WASTE PIPING
—	VENT PIPING
—	BALL VALVE
—	CHECK VALVE
—	CLEAN OUT
—	FLOOR or YARD CLEAN OUT
—	ROUND TOP FLOOR DRAIN
—	SQUARE TOP FLOOR DRAIN
—	THERMOMETER
—	UNION

- PLUMBING GENERAL NOTES**
1. THE CONTRACTOR SHALL CO-ORDINATE INSTALLATION WITH OTHER TRADES.
 2. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS SHOWN.
 3. THE CONTRACTOR SHALL REFER TO SITE PLANS FOR ALL OUTSIDE WORK TO BE PERFORMED.
 4. ALL PLUMBING WORK SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE, OSHA & ADA REQUIREMENTS, AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
 5. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING WASTE & WATER PIPING BEFORE STARTING THE PROJECT.
 6. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF PLUMBING EQUIPMENT, FLOOR DRAINS & MOUNTING HEIGHTS OF PLUMBING FIXTURES.
 7. PIPING SHOWN ON ALL RISER DIAGRAMS ARE DIAGRAMMATIC. CONTRACTOR IS RESPONSIBLE FOR ALL FITTINGS AND CONNECTIONS AS REQUIRED FOR A COMPLETE INSTALLATION.
 8. ALL PIPING ARRANGEMENTS & ROUTINGS AS SHOWN ARE DIAGRAMMATIC AND MAY REQUIRE ALTERATIONS DIFFERENT FROM THAT SHOWN IN ORDER TO ACCOMMODATE STRUCTURAL/ARCHITECTURAL FEATURES. THE CONTRACTOR SHALL VERIFY AND MAKE ALTERATIONS OR REVISIONS AS REQUIRED.



PLUMBING FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



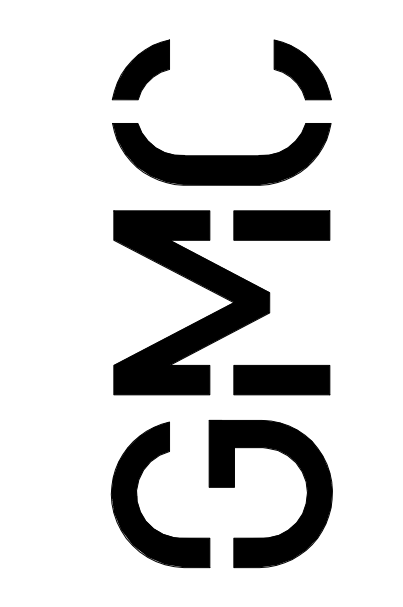
HATCHED AREA INDICATES ITEM TO BE REMOVED

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1 ELECTRICAL LIGHTING PLAN - DEMOLITION
 1/8" = 1'-0"

- GENERAL SHEET NOTES**
- EXISTING INFORMATION IS TAKEN FROM EXISTING DRAWINGS AND FIELD OBSERVATION. CONTRACTOR SHALL INVESTIGATE EXISTING CONDITIONS AND SHALL BRING ANY DISCREPANCIES TO THE ENGINEER'S ATTENTION.
 - ELECTRICAL DEVICES AND FIXTURES SHOWN HATCHED ARE TO BE DEMOLISHED. ASSOCIATED CIRCUITS SHALL BE REMOVED BACK TO NEAREST ABOVE-CEILING JUNCTION BOX IF THERE IS LOAD REMAINING ON THE CIRCUIT OR IF THE CIRCUIT IS TO BE REUSED. ASSOCIATED CIRCUITS NOT BEING REUSED AND WITHOUT ANY REMAINING LOAD SHALL BE REMOVED BACK TO PANEL AND ASSOCIATED BREAKER SHALL BE LABELED "SPARE". DEMOLITION SHOWN MAY INDICATE PORTIONS OF CIRCUITS ARE BEING REMOVED. CONTRACTOR SHALL PROVIDE ALL REQUIRED INVESTIGATION AND EFFORT TO REWORK REMAINING CIRCUITS TO MAINTAIN OPERABILITY. PROVIDE NEW TYPED PANEL SCHEDULES TO INDICATE REMAINING CIRCUITS AND FUNCTIONS.
 - ELECTRICAL DEVICES AND FIXTURES SHOWN IN LIGHT, SOLID LINE WEIGHT ARE EXISTING TO REMAIN.
 - ELECTRICAL DEVICES AND FIXTURES SHOWN WITH "R" ADJACENT ARE EXISTING TO BE RELOCATED. EXTEND CIRCUITS AS NECESSARY TO FEED FIXTURE OR DEVICE IN NEW LOCATION UNLESS NOTED OTHERWISE. REUSED FIXTURES SHALL BE THOROUGHLY CLEANED AND RE-LAMPED. SEE E1.01 FOR NEW LOCATIONS.



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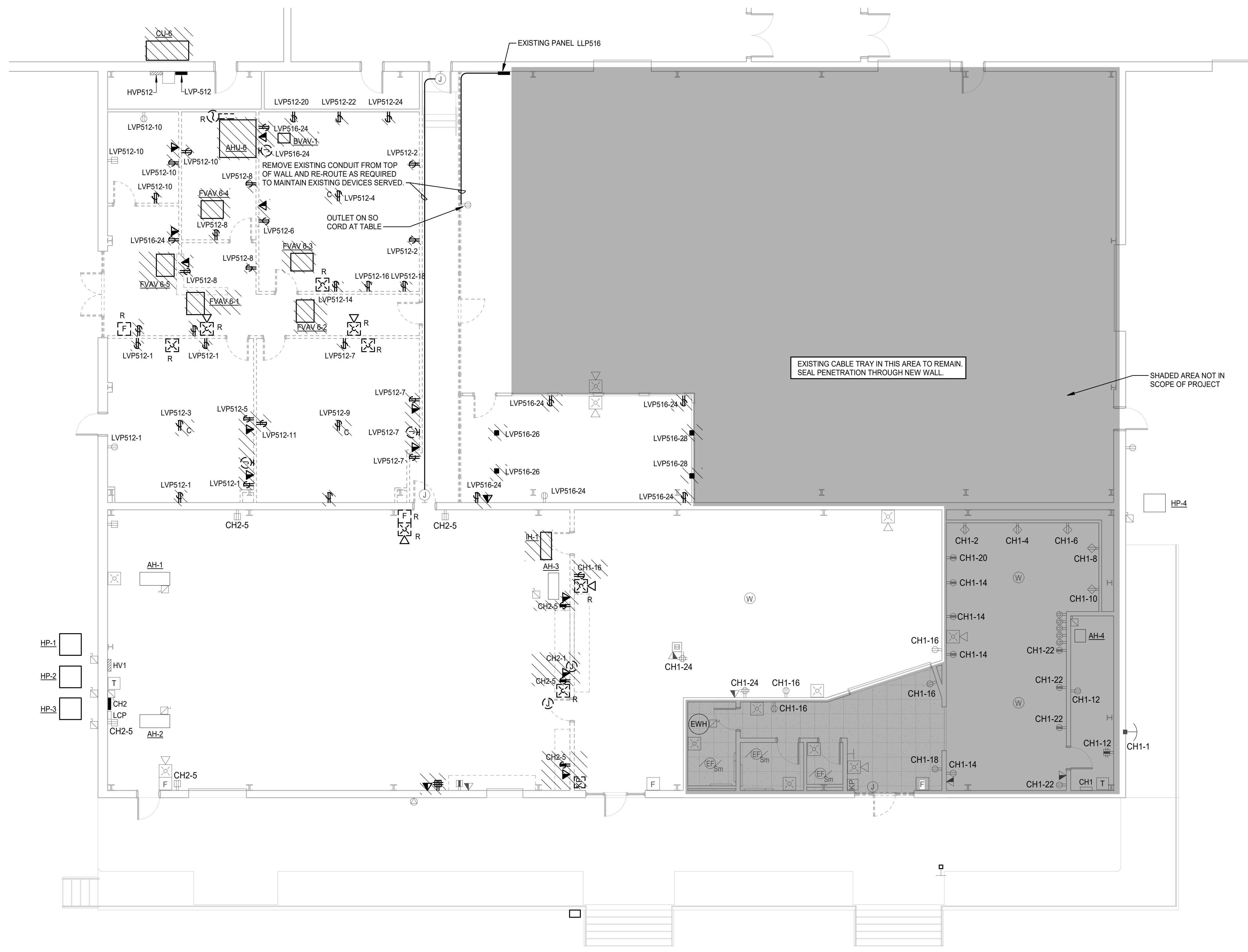


ELECTRICAL LIGHTING
 PLAN - DEMOLITION
ED1.01

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

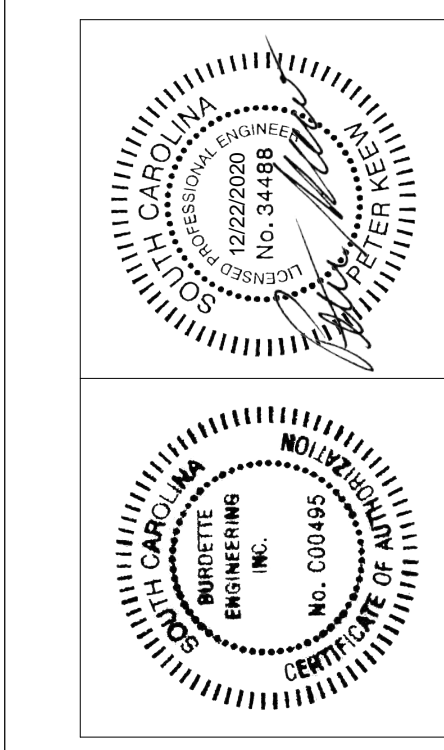
- ### GENERAL SHEET NOTES
- EXISTING INFORMATION IS TAKEN FROM EXISTING DRAWINGS AND FIELD OBSERVATION. CONTRACTOR SHALL INVESTIGATE EXISTING CONDITIONS AND SHALL BRING ANY DISCREPANCIES TO THE ENGINEER'S ATTENTION.
 - ELECTRICAL DEVICES AND FIXTURES SHOWN HATCHED ARE TO BE DEMOLISHED. ASSOCIATED CIRCUITS SHALL BE REMOVED BACK TO NEAREST ABOVE-CEILING JUNCTION BOX IF THERE IS LOAD REMAINING ON THE CIRCUIT OR IF THE CIRCUIT IS TO BE REUSED. ASSOCIATED CIRCUITS NOT BEING REUSED AND WITHOUT ANY REMAINING LOAD SHALL BE REMOVED BACK TO PANEL, AND ASSOCIATED BREAKER SHALL BE LABELED "SPARE". DEMOLITION SHOWN MAY INDICATE PORTIONS OF CIRCUITS ARE BEING REMOVED. CONTRACTOR SHALL PROVIDE ALL REQUIRED INVESTIGATION AND EFFORT TO REWORK REMAINING CIRCUITS TO MAINTAIN OPERABILITY. PROVIDE NEW TYPED PANEL SCHEDULES TO INDICATE REMAINING CIRCUITS AND FUNCTIONS.
 - ELECTRICAL DEVICES AND FIXTURES SHOWN IN LIGHT, SOLID LINE WEIGHT ARE EXISTING TO REMAIN.
 - ELECTRICAL DEVICES AND FIXTURES SHOWN WITH "R" ADJACENT ARE EXISTING TO BE RELOCATED. EXTEND CIRCUITS AS NECESSARY TO FEED FIXTURE OR DEVICE IN NEW LOCATION UNLESS NOTED OTHERWISE. SEE E2.01 FOR NEW LOCATIONS.

EQUIPMENT SCHEDULE - EXISTING (FOR INFORMATION ONLY)

EQUIPMENT TAG	V/PH	LOAD	PANEL	WIRE/CONDUIT	CONNECTION
AH-1	208V/3P	15,852 VA	CH2	3 #8, 1 #10G, 3/4"C	60FU/3P
AH-2	208V/3P	15,852 VA	CH2	3 #8, 1 #10G, 3/4"C	60FU/3P
AH-3	208V/3P	15,852 VA	CH2	3 #8, 1 #10G, 3/4"C	60FU/3P
AH-4	208V/3P	10,826 VA	CH1	3 #10, 1 #10G, 3/4"C	60FU/3P
HP-1	208V/3P	5,408 VA	CH2	2 #8, 1 #10G, 3/4"C	60FU/2P/NEMA 3R
HP-2	208V/3P	5,408 VA	CH2	2 #8, 1 #10G, 3/4"C	60FU/2P/NEMA 3R
HP-3	208V/3P	5,408 VA	CH2	2 #8, 1 #10G, 3/4"C	60FU/2P/NEMA 3R
HP-4	208V/3P	5,200 VA	CH1	2 #8, 1 #10G, 3/4"C	60FU/2P/NEMA 3R
WH-2	208V/3P	4,500 VA	CH1	2 #10, 1 #10G, 3/4"C	30FU/2P



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ELECTRICAL POWER
PLAN - DEMOLITION
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SYMBOL

DESCRIPTION

CIRCUITS AND CONDUIT
HOME RUN TO LIGHTING/SERVICE PANEL, HASH MARKS, WHEN SHOWN, INDICATE NUMBERS OF CONDUCTORS. "/> INDICATES HOT WIRE, "N" INDICATES NEUTRAL CONDUCTOR, "G" INDICATES GROUND CONDUCTOR. HOME RUN NOTE INDICATES PANEL NAME AND CIRCUIT NAME OR FEEDER TAG. CONDUCTORS SHALL BE #12 AWG IN 3/4" CONDUIT UNLESS NOTED OTHERWISE. ANY HOME RUN OR CONDUIT WITHOUT HASH MARKS IS TO CONTAIN 3 CONDUCTORS: 1 HOT, 1 NEUTRAL, AND 1 EQUIPMENT GROUND. EACH HOT CIRCUIT SHALL BE PAIRED WITH A SEPARATE NEUTRAL CONDUCTOR. SHARING OF NEUTRAL CONDUCTORS BETWEEN CIRCUITS IS NOT ALLOWED.

EXPOSED CONDUIT

CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS, UNLESS NOTED OTHERWISE.

CONDUIT TURNING UP

CONDUIT TURNING DOWN

EQUIPMENT
LIGHTING OR SERVICE PANEL, SURFACE MOUNTED (208V)

LIGHTING OR SERVICE PANEL, SURFACE MOUNTED (480V)

DRY TYPE TRANSFORMER, KVA AS LISTED ON DRAWINGS.

EXHAUST FAN. SEE MECHANICAL DRAWINGS FOR FAN SPECIFICATIONS.

SAFETY DISCONNECT SWITCH. "30" INDICATES AMP RATING, "20" INDICATES FUSE SIZES. "3P" INDICATES NUMBER OF POLES. ENCLOSURE TO BE NEMA 1 UNLESS NOTED OTHERWISE (3R, 4X, ETC.) SQUARE D H300 SERIES HEAVY DUTY SAFETY SWITCH

WIRING DEVICES
NOTE: ALL WIRING DEVICES TO BE GRAY, WITH #302 STAINLESS STEEL COVERPLATE (FLUSH MOUNTED) UNLESS NOTED OTHERWISE ON THE DRAWING OR SPECIFICATIONS.

STRAIGHT BLADE DEVICE SYMBOLS
20A, 125V, 2P, 3W, NEMA 5-20R, DUPLEX RECEPTACLE, HUBBELL 5362-G OR EQUAL. STANDARD POWER. "WP" DENOTES WEATHER RESISTANT TYPE RECEPTACLE WITH CAST IN-USE COVER. "GFI" DENOTES GFCI TYPE. "C" DENOTES RECEPTACLE TO BE FLUSH MOUNTED IN CEILING.

SAME AS "Φ" ABOVE EXCEPT BOTTOM OF OUTLET MOUNTED ABOVE COUNTER HEIGHT

QUADRAPLEX - TWO DUPLEX OUTLETS MOUNTED IN A TWO GANG BOX WITH TWO GANG COVER PLATE

SAME AS "Φ" ABOVE EXCEPT SURFACE MOUNTED. (SEE DETAIL 5/E0.02.)

SAME AS "Φ" ABOVE EXCEPT SURFACE MOUNTED. (SEE DETAIL 5/E0.02.)

SAME AS "Φ" ABOVE EXCEPT BOTTOM OF OUTLET MOUNTED ABOVE COUNTER HEIGHT. (SEE DETAIL 5/E0.02.)

SPECIAL RECEPTACLE. SEE PLANS FOR TYPE.

SWITCH SYMBOLS
MANUAL MOTOR STARTER

SINGLE POLE LIGHTING SWITCH 120-277 VOLT, 20 AMP, SPEC GRADE. LETTER ("a") DESIGNATES WHICH FIXTURES ARE CONTROLLED FROM WHICH SWITCHES WHEN MULTIPLE SWITCHES ARE USED ON ONE CIRCUIT.

SAME AS "S" ABOVE EXCEPT "3" IN SUBSCRIPT DENOTES 3-WAY SWITCH.

SAME AS "S" ABOVE EXCEPT "4" IN SUBSCRIPT DENOTES 4-WAY SWITCH.

PASSIVE INFRARED WALL SWITCH/OCCUPANCY SENSOR - WATTSTOPPER # PW-301

SINGLE-BUTTON LOW VOLTAGE SWITCH, WATTSTOPPER # LVSW-100 SERIES OR EQUAL, WITH 3/4" CONDUIT AND CATS CABLE ROUTED BACK TO LIGHTING CONTROLLER. SEE PLANS FOR QUANTITY.

360° DUAL-TECHNOLOGY CEILING OCCUPANCY SENSOR - WATTSTOPPER # DT-300

BOXES
JUNCTION BOX STEM INDICATES WALL MOUNTED

COMMUNICATIONS
COMBINATION DATA/TELEPHONE OUTLET WITH 1" CONDUIT TO CEILING SPACE, WITH PULL WIRE. JACKS, CABLE AND BOX COVER BY SYSTEM INSTALLER. "W" INDICATES WALL PHONE OUTLET, 54" A.F.F.

FIRE ALARM
DUCT MOUNTED SMOKE DETECTOR

MANUAL FIRE ALARM PULL STATION

FIRE ALARM SYSTEM STROBE UNIT ONLY

FIRE ALARM SYSTEM HORN/STROBE UNIT

SECURITY
DOOR CONTACTS BY OTHERS, SHOWN FOR INFORMATION ONLY.

LIGHTING FIXTURES:
2 X 4' CEILING MOUNTED FIXTURE

UNSWITCHED FIXTURE

4' STRIP FIXTURE

EXTERIOR WALL MOUNTED EGRESS FIXTURE

SURFACE CEILING MOUNTED OR RECESSED DOWNLIGHT

LINEAR PENDANT FIXTURE.

PENDANT FIXTURE.

TRACK LIGHTING FIXTURE

COMBINATION EMERGENCY LIGHT AND EXIT FIXTURE WITH INTEGRAL BATTERIES - ARROW INDICATES ILLUMINATED DIRECTIONAL ARROWS. SHADED SECTION INDICATES FACE WHICH IS ILLUMINATED. STEM INDICATES WALL MOUNTED. ALL EXIT LIGHTS SHALL BE MOUNTED TO THE STRUCTURE.

EMERGENCY LIGHTING UNIT. ALL EMERGENCY LIGHTS SHALL BE MOUNTED TO THE STRUCTURE. PROVIDE CONTINUOUS HOT CIRCUIT TO FIXTURES TO CHARGE BATTERY.

EMERGENCY LIGHTING UNIT. EMERGENCY LIGHTS SHALL BE MOUNTED TO THE CEILING. MOUNT TO JUNCTION BOX SUPPORTED FROM 1/2" BAR SUPPORT. PROVIDE CONTINUOUS HOT CIRCUIT TO FIXTURES TO CHARGE BATTERY.

EMERGENCY REMOTE HEADS

ELECTRICAL GENERAL NOTES:

- INSPECT SITE PRIOR TO SUBMITTING BID. DRAWINGS ARE INTENDED TO COVER THE REQUIRED ELECTRICAL SYSTEMS. DRAWINGS MAY NOT SHOW COMPLETE OR ACCURATE DETAILS OF THE BUILDING OR SYSTEM IN EVERY RESPECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ANY ADDITIONAL INFORMATION AS REQUIRED.
- CONFORM TO THE NATIONAL ELECTRICAL CODE (2017), IBC (2018), IECC (2009), APPLICABLE NEMA, ANSI AND IEEE PUBLICATIONS, U.L. AND ADA STANDARDS AND OSHA REQUIREMENTS. COMPLY WITH LOCAL, COUNTY, STATE AND NATIONAL CODES HAVING JURISDICTION.
- FURNISH AND INSTALL ALL MATERIALS IN A NEAT AND WORKMANLIKE FASHION. ALL MATERIALS SHALL BE NEW, WITH FIRST QUALITY AND UL LABEL.
- VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO INSTALLATION OF EQUIPMENT AND RACEWAYS. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF WORK WITH THAT OF ALL OTHER TRADES AS REQUIRED.
- CONDUIT SHALL BE EMT FOR BRANCH CIRCUIT WIRING AS ALLOWED BY NEC. EXCEPT THAT SET SCREW OR CRIMP FITTINGS ARE NOT ALLOWED. WHERE EXPOSED TO PHYSICAL DAMAGE CONDUITS SHALL BE RIGID GALVANIZED STEEL. MINIMUM CONDUIT SIZE SHALL BE 3/4". ALL CONDUCTORS SHALL BE TYPE THHN/THWN, STRANDED 800V COPPER BUILDING WIRE. MINIMUM SIZE SHALL BE #12 AWG COPPER UNLESS NOTED.
- PROVIDE GROUNDING FOR ALL EQUIPMENT IN ACCORDANCE WITH ARTICLE 250 OF THE NATIONAL ELECTRICAL CODE.
- ALL ENCLOSURES SHALL BE OF THE NEMA TYPE WHICH IS SUITABLE FOR THE APPLICATION.
- SEAL ALL CONDUIT PENETRATIONS TO MATCH RATING OF WALL BEING PENETRATED.
- ALL WORK SHALL HAVE PROPER LABELING AND NAMEPLATES. ALL CIRCUITS SHALL BE LABELED AT PANELS AND BOXES AS INDICATED. ALL PANELS AND DISCONNECTS ARE TO BE PERMANENTLY MARKED WITH NAME OR EQUIPMENT SERVED. ALL PANELS ARE TO BE PROVIDED WITH TYPEWRITTEN PANEL SCHEDULES.
- ALL BREAKERS ON CIRCUITS SUPPLYING HVAC EQUIPMENT SHALL BE TYPE HACR BREAKERS.
- THOROUGHLY CLEAN ALL EQUIPMENT AND SYSTEMS BEFORE PLACING IN OPERATION. RESTORE FINISHED SURFACES IF DAMAGED AND DELIVER THE ENTIRE INSTALLATION IN AN APPROVED CONDITION. INSTRUCT THE OWNERS' PERSONNEL IN THE PROPER OPERATION AND MAINTENANCE OF THE SYSTEMS. FURNISH TO THE OWNER THREE SETS OF OPERATION AND MAINTENANCE MANUALS FOR EACH SYSTEM.
- GUARANTEE THE WORK INSTALLED FOR A PERIOD OF ONE YEAR AFTER DATE OF FINAL ACCEPTANCE. DEFECTS WHICH APPEAR AS A RESULT OF NORMAL USAGE SHALL BE REMEDIED BY THE CONTRACTOR TO THE COMPLETE SATISFACTION OF THE OWNER WITHOUT COST TO THE OWNER.
- CONTRACTOR SHALL KEEP CURRENT A SET OF PLANS FOR THE DURATION OF CONSTRUCTION WITH ALL CHANGES TO WORK NEATLY AND ACCURATELY MARKED IN RED AND SHALL TURN OVER TO OWNER AT COMPLETION OF PROJECT.
- ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED TO MEET SEISMIC REQUIREMENTS OF 2018 IBC.

ABBREVIATIONS:

- AFF ABOVE FINISHED FLOOR
- AFG ABOVE FINISHED GRADE
- ACH ABOVE COUNTER HEIGHT
- BKR BREAKER
- CU COPPER
- EMT ELECTRICAL METALLIC TUBING
- EWC ELECTRIC WATER COOLER
- FU FUSE
- FWE FURNISHED WITH EQUIPMENT
- GFI GROUND FAULT INTERRUPTER DEVICE
- LTG LIGHTING (L)
- MLO MAIN LUGS ONLY
- MCB MAIN CIRCUIT BREAKER
- NTS NOT TO SCALE
- PVC POLYVINYL CHLORIDE CONDUIT
- RECP RECEPTACLE (R)
- RGS RIGID GALVANIZED STEEL
- UNO UNLESS NOTED OTHERWISE
- WP WEATHER PROOF

GENERAL LIGHTING NOTES:

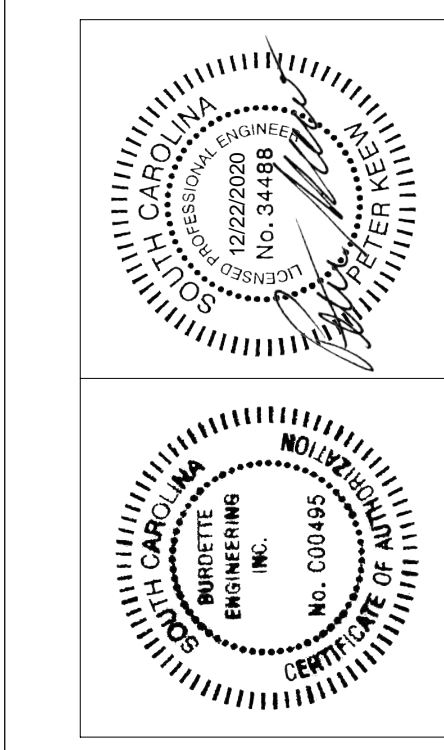
- MANUFACTURERS & NUMBERS ARE LISTED TO ESTABLISH QUALITY ONLY AND NOT TO LIMIT COMPETITION. PRIOR TO BIDDING, SUBSTITUTIONS ARE ALLOWED SUBJECT TO SUBMITTAL DATA, PHOTOMETRICS & ENGINEERS APPROVAL AS REQUIRED BY SPECIFICATIONS.
- ALL FIXTURES TO BE U.L., E.T.L. OR C.S.A. LABELED. ALL EXTERIOR FIXTURES SHALL HAVE WET LABEL OR DAMP LABEL AS REQUIRED BY LOCATION. CONTRACTOR SHALL VERIFY BEFORE SUBMITTING FIXTURE.
- PROVIDE ALL MOUNTING ACCESSORIES, BAR HANGARS & HARDWARE REQUIRED.
- EMERGENCY BATTERIES FOR FIXTURES SHALL BE SELF-DIAGNOSTIC TYPE AND SHALL PROVIDE A MINIMUM OF 10 WATTS OUTPUT. BATTERIES SHALL CONTAIN INTEGRAL SENSING CIRCUIT TO ALLOW FIXTURE TO BE SWITCHED WITH AREA FIXTURES FOR NORMAL OPERATION AND ENERGIZE BATTERY POWERED FIXTURE UPON LOSS OF POWER CIRCUIT, REGARDLESS OF SWITCH POSITION. MANUFACTURER SHALL BE BODINE OR APPROVED EQUAL.

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MOUNTING HEIGHT	LAMP	WATTAGE	VOLTAGE
EM	WALL MOUNTED SPECIFICATION GRADE TWIN-HEAD LED EMERGENCY LIGHT. WHITE FINISH WITH SELF-DIAGNOSTIC EMERGENCY BATTERY BACKUP	LITHONIA # ELM2L-SDRT EMERGLITE # EL-2LED-AD LIGHTALARMS # LCA-2LED-ID	9'-0" AFF	BY MFR	4 VA	UNIVERSAL
EXM	UNIVERSAL MOUNTED EXIT SIGN COMBO WITH RED LETTERS ON WHITE HOUSING. DIFFUSER LENS. WITH TWIN LED EMERGENCY HEADS WITH SELF-DIAGNOSTIC EMERGENCY BATTERY BACKUP	LITHONIA # LHQM-LED-R-SD EMERGLITE # ELXM400R-2LED-RAD LIGHTALARMS # LQLXN500-RN-2LED-R1D	ABOVE DOOR	RED LED LED HEADS BY MFR	5 VA	UNIVERSAL
PA	PENDANT LINEAR DIRECTSTRIP FIXTURE, 96" LENGTH.	ILP # F2BF-40WLED-LUNY-35-FRAL (TO MATCH EXISTING IN USE)	15'-0" AFF (MATCH EXISTING)	NOMINAL 7000 LUMEN LED PANEL	44 VA	UNIVERSAL
SB	PENDANT MOUNTED CYLINDER FIXTURE, CONFIRM EXACT LENGTH OF PENDANT	LITON LICAL9B-350-870-T35 (TO MATCH EXISTING IN USE)	12'-0" AFF (MATCH EXISTING)	NOMINAL 3700 LUMEN LED PANEL 4000K	44 VA	UNIVERSAL
TF	RECESSED 2X4 DIRECT LED TROFFER WITH FLAT FROTTED ACRYLIC LENS, 120" MIN. FLUSH WHITE ALUMINUM DOOR, 22 GA STEEL BODY, WHITE FINISH, PAINT AFTER FABRICATION. 1-DIV DIMMING DRIVER	LITHONIA # 25TL-440L-FW-A12125-EZ-LP835-PAF WILLIAMS # 500-S24-L68035-FAF12125-L42-DNA-JNY-PAF COLUMBIA # LJT24-35LWG-FAA12125F-EDU-PAF	CEILING	NOMINAL 4200 LM LED 3500K	34 VA	UNIVERSAL
TL	LED TRACK FIXTURE, ADJUSTABLE MOUNTING, FORWARD PHASE LINE VOLTAGE DIMMING. FURNISH WITH 2A CURRENT LIMITER END FEED AND SINGLE CIRCUIT TRACK (CONFIRM EXACT LENGTH WITH OWNER) INCLUDING ALL REQUIRED MOUNTING ACCESSORIES FOR A COMPLETE INSTALLATION. BLACK	LITON # L7528-120-856-BLACK WITH ASSOCIATED TRACK PROVIDE 12" STEM	AT CEILING DECK	NOMINAL 750 LUMEN LED PANEL 3500K	60 VA	UNIVERSAL
WPE	EXTERIOR WALL MOUNTED EMERGENCY FIXTURE. SELF-DIAGNOSTIC INTEGRAL BATTERY AND PHOTOCELL. DARK BRONZE	LITHONIA # AFO-DB-MVOLT-AI-SD-CW (TO MATCH EXISTING IN USE)	12" ABOVE DOOR	BY MFR	3 VA	UNIVERSAL



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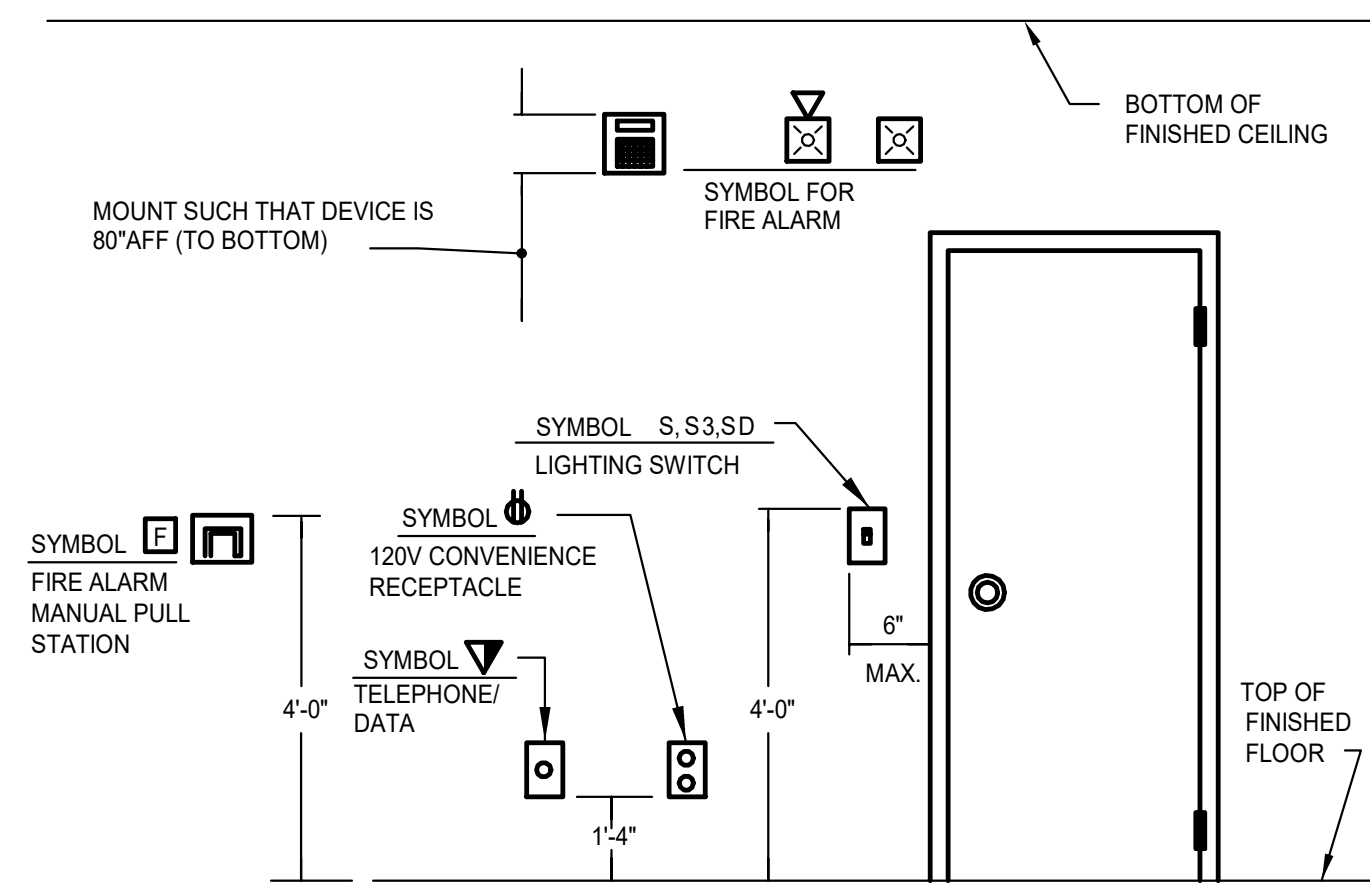
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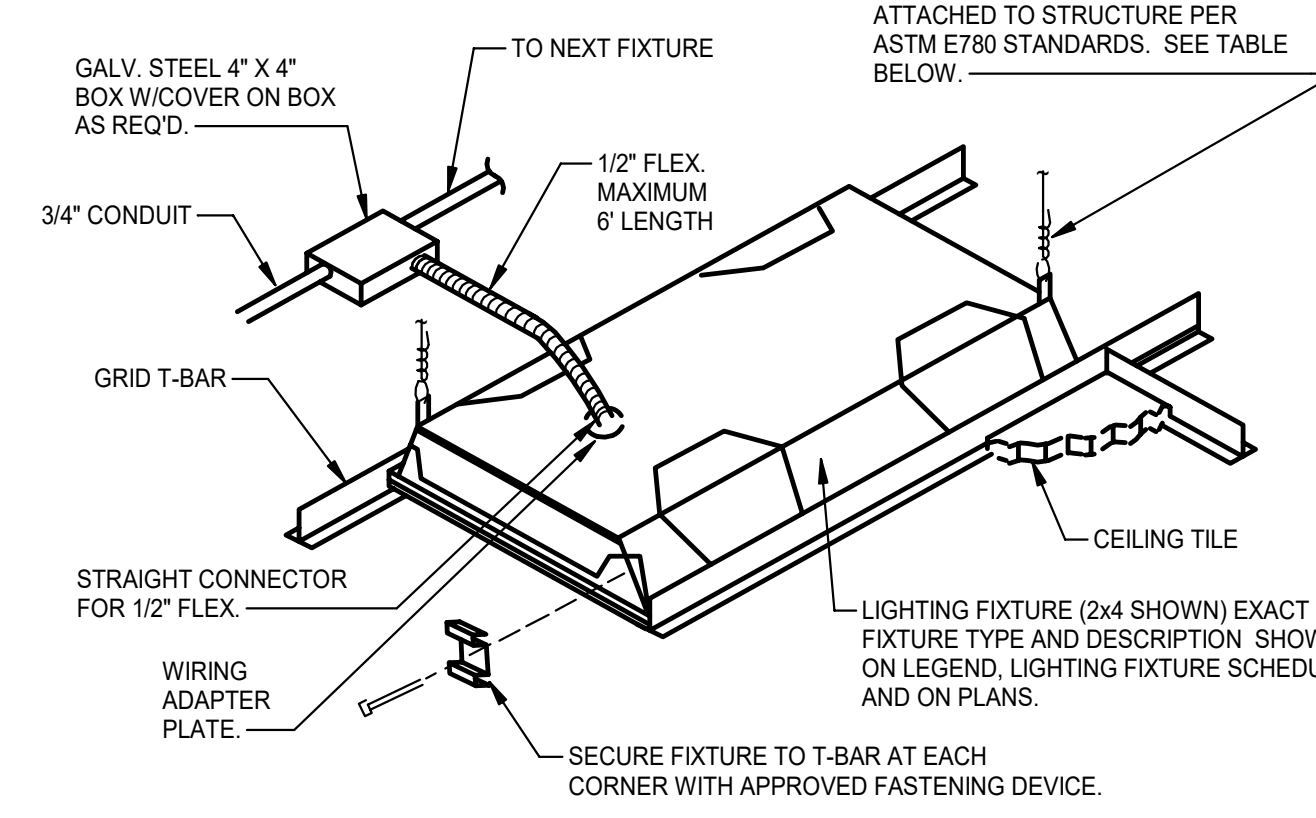
ELECTRICAL LEGEND AND SCHEDULES
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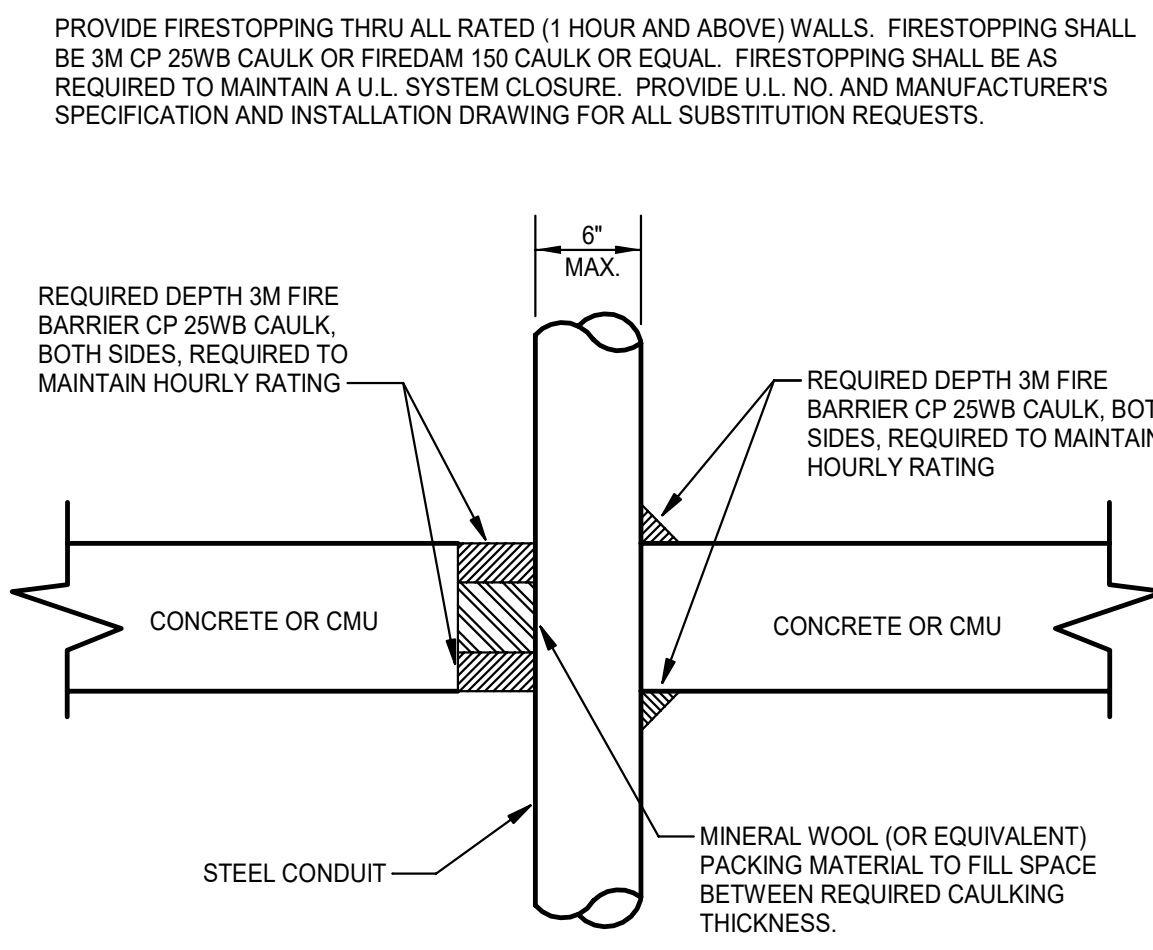


1 TYPICAL DEVICE MOUNTING HEIGHT
NTS



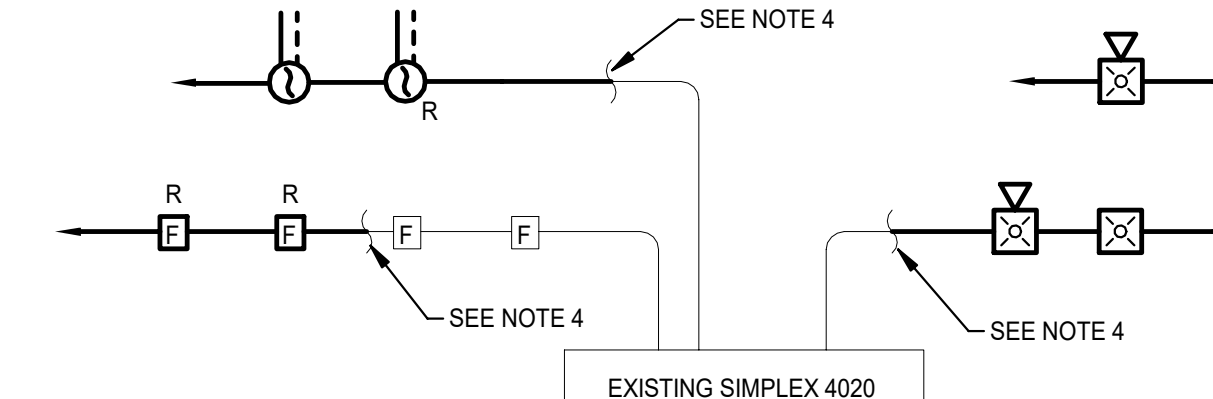
FIXTURE WEIGHT	SUPPORT TYPE
<10 lbs	(1) No. 12 GAUGE SLACK WIRE
>10 lbs BUT < 56 lbs	(2) No. 12 GAUGE SLACK WIRE
> 56 lbs	APPROVED HANGERS SUPPORTED FROM STRUCTURE

2 TYPICAL RECESSED LIGHT FIXTURE MOUNTING
NTS



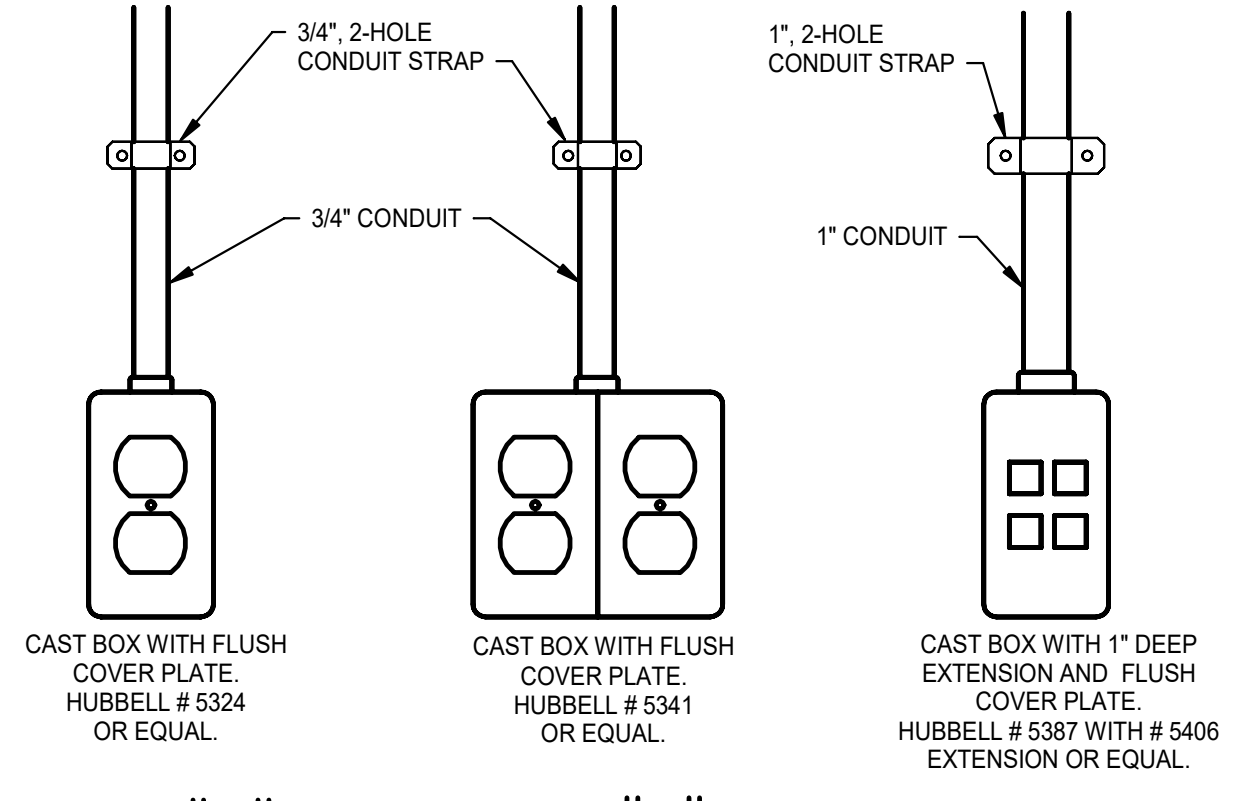
*SEE ARCHITECTURAL DRAWINGS FOR FIRE WALLS

3 TYPICAL CONDUIT SLEEVE DETAIL
NTS



- NOTES:
- ALL CONDUIT SHALL BE 3/4" MIN WITH WIRING AS REQUIRED BY MANUFACTURER. PAINT ALL JUNCTION BOXES, COVERS AND MARK CONDUIT EVERY 10' WITH RED PAINT.
 - DUCT MOUNTED SMOKE DETECTORS TO BE PROVIDED AND WIRED TO FACB BY ELECTRICAL DRAWINGS FOR EXACT LOCATIONS. PROVIDE AUXILIARY CONTACT FOR MECHANICAL USE.
 - ELECTRICAL CONTRACTOR SHALL WIRE FROM FACB TO EACH INDIVIDUAL AIR HANDLER CONTROL CIRCUIT TO INSTALL SHUT DOWN CONTACT AS REQUIRED BY NFPA.
 - CONNECT TO EXISTING FIRE ALARM CIRCUIT.
 - PROVIDE ALL TESTING, PROGRAMMING, SYSTEM ACCESSORIES REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
 - COORDINATE ALL MODIFICATIONS WITH JOHNSON CONTROLS.

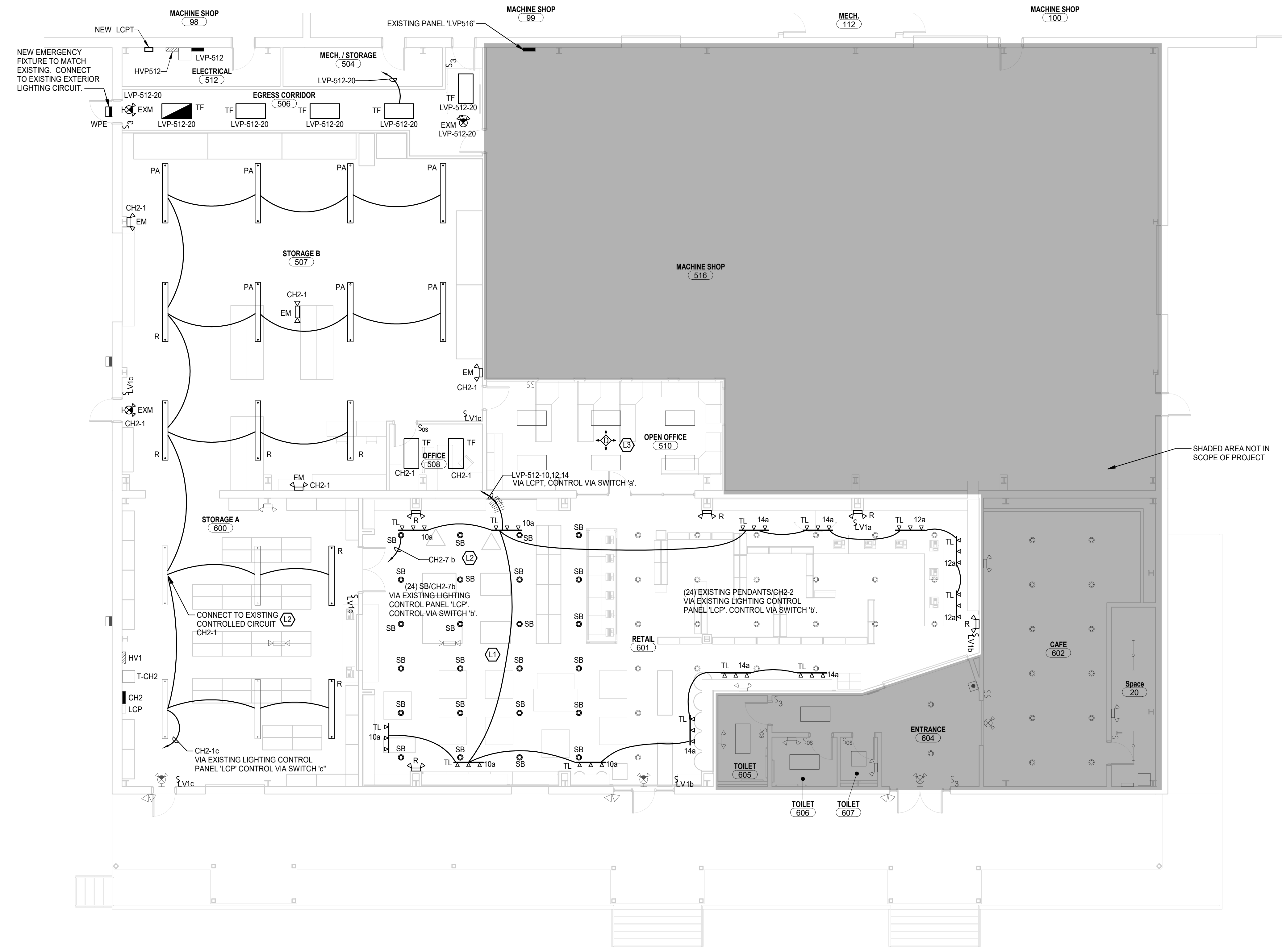
4 FIRE ALARM RISER DIAGRAM
NTS



NOTE: BOX, CONDUIT, STRAPS, ETC., SHALL BE PAINTED TO MATCH WALL ONTO WHICH THEY ARE INSTALLED.

5 TYPICAL SURFACE MOUNTED DEVICE DETAIL
NTS

PANEL	HVP512 (EXISTING)	CABINET Surface	TYPE SQUARE D NF					
VOLTAGE	480Y/277V	PHASE 3 WIRES 4 FEEDER	MAINS 225 A MLO					
DEVICE	BRANCH CIRCUIT	PHASE LOAD (VOLT-AMPS)			BRANCH CIRCUIT	DEVICE		
AMPS TRIP	DESIGNATION	No.	ØA	ØB	ØC	No.	DESIGNATION	AMPS TRIP
20 A	1 HP-6A	1	2523	2523		2	HP-6B	20 A
		3				4		
		5				6		
35 A	3 SPARE	7	0	0		8		
		9				10	SPARE	
		11				11		3
20 A	3 SPARE	13	0	0		14		20 A
		15				15	SPARE	
		17				16		3
20 A	3 SPARE	19	0	0		17		20 A
		21				18	SPARE	
		23				19		
		25	7095	0		20	SPACE	
		27				21		
30 A	3 2 AH-6A STORAGE B 507	29			7095	22	SPACE	
		31				23		
		33	7095	0		24	SPACE	
		35				25		
20 A	1 SPARE	37	0	3522		26	SPACE	
20 A	1 SPARE	39			0	27	SPACE	
20 A	1 SPARE	41			0	28	SPACE	
					0	29	SPACE	
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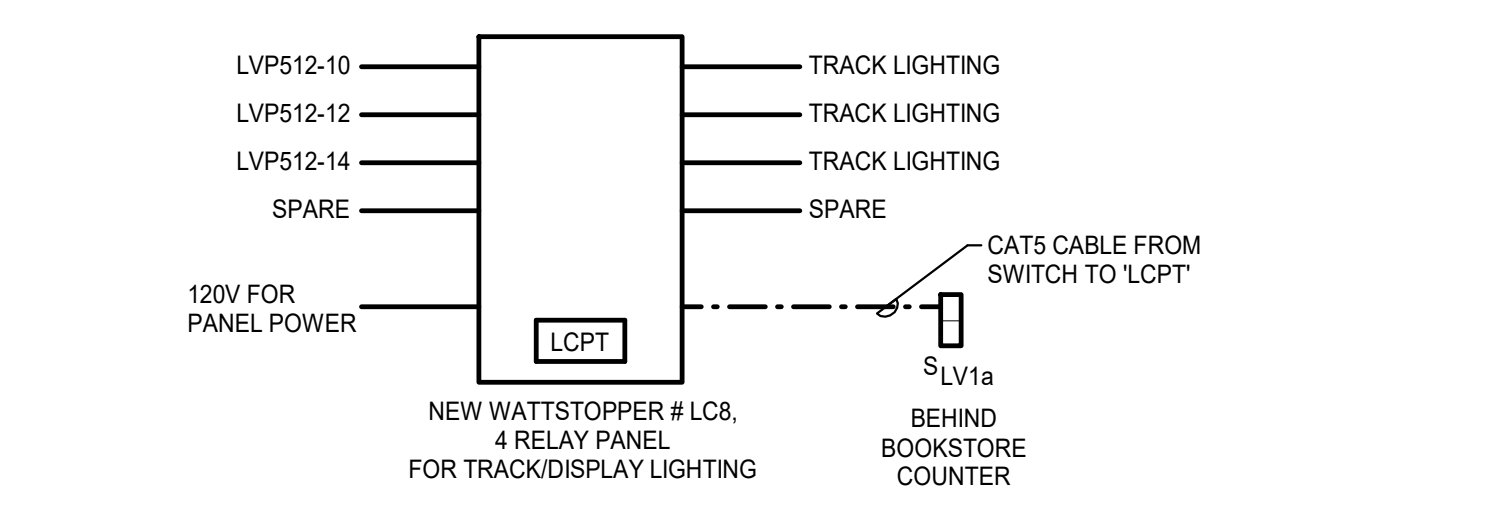
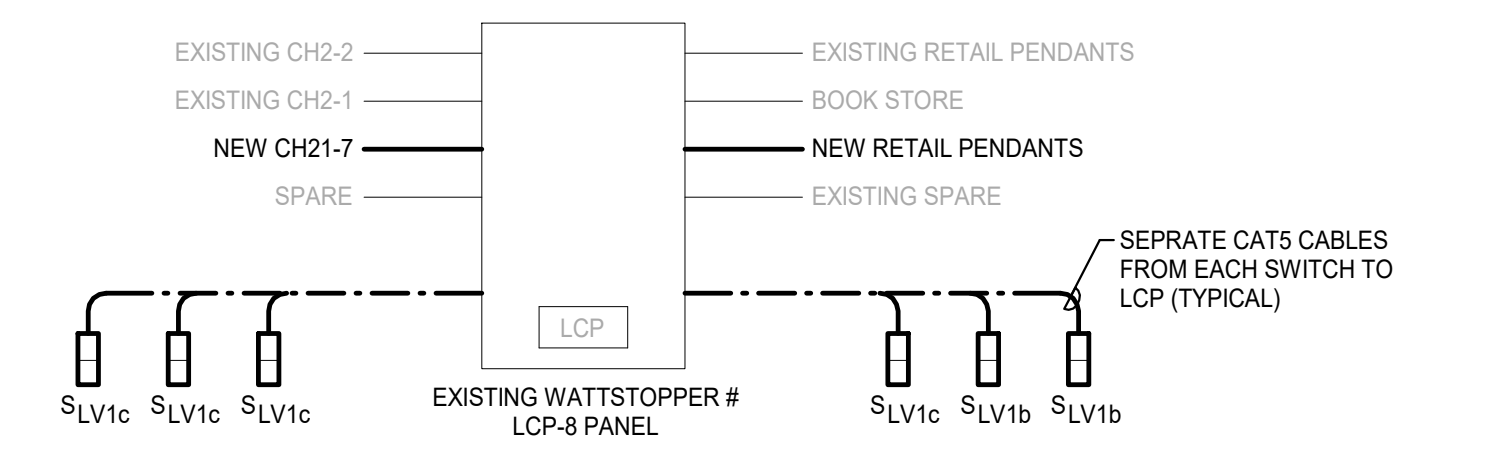
1 ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"

GENERAL SHEET NOTES

- CONTRACTOR SHALL VERIFY LOADS AND AVAILABILITY OF ALL CIRCUITS BEING MODIFIED AS PART OF THIS PROJECT AND SHALL ENSURE THAT CIRCUIT LOADS DO NOT EXCEED CODE LIMITS. CONTRACTOR SHALL LABEL ALL DEVICES SHOWN TO BE CONNECTED TO EXISTING CIRCUITS WITH THE CURRENT PANEL AND CIRCUIT NUMBER ON THE RECORD DRAWINGS.
- SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED FIXTURES AND DEVICES.
- DEVICES AND FIXTURES SHOWN IN LIGHT LINE WEIGHT ARE EXISTING TO REMAIN.
- DEVICES AND FIXTURES SHOWN WITH 'R' ADJACENT ARE EXISTING FIXTURES BEING RELOCATED.

○ LIGHTING PLAN KEYNOTES

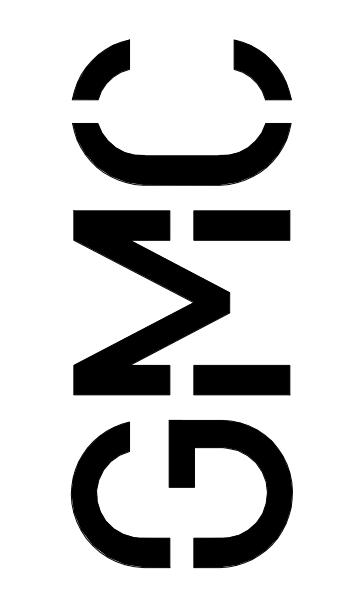
- ALIGN NEW FIXTURES WITH EXISTING FIXTURES IN AREA SUCH THAT ROWS OF FIXTURE LINE UP AND SPACING BETWEEN ROWS ARE EQUAL.
- ROUTE CIRCUITS THROUGH EXISTING SPARE RELAYS IN EXISTING LIGHTING RELAY PANEL 'LCP'.
- INSTALL NEW OCCUPANCY SENSOR IN SERIES WITH LIGHT SWITCHES SUCH THAT SENSOR ALLOWS POWER TO THE SWITCH.



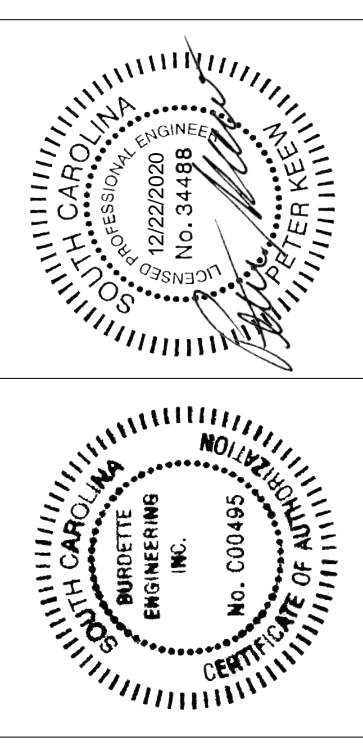
NOTES:

- PANEL TO BE PROGRAMMED FOR MANUAL ON/TIME OFF OPERATION.
- LOW VOLTAGE SWITCH SLV SHALL TURN ALL TRACK LIGHTING CIRCUITS ON SIMULTANEOUSLY.
- PROVIDE ALL PROGRAMMING AND COMMISSIONING OF SYSTEM.
- SUBMIT CONTROL SCHEMATIC AND EQUIPMENT FOR REVIEW.

2 LIGHTING CONTROL PANEL DETAIL



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ELECTRICAL LIGHTING PLAN
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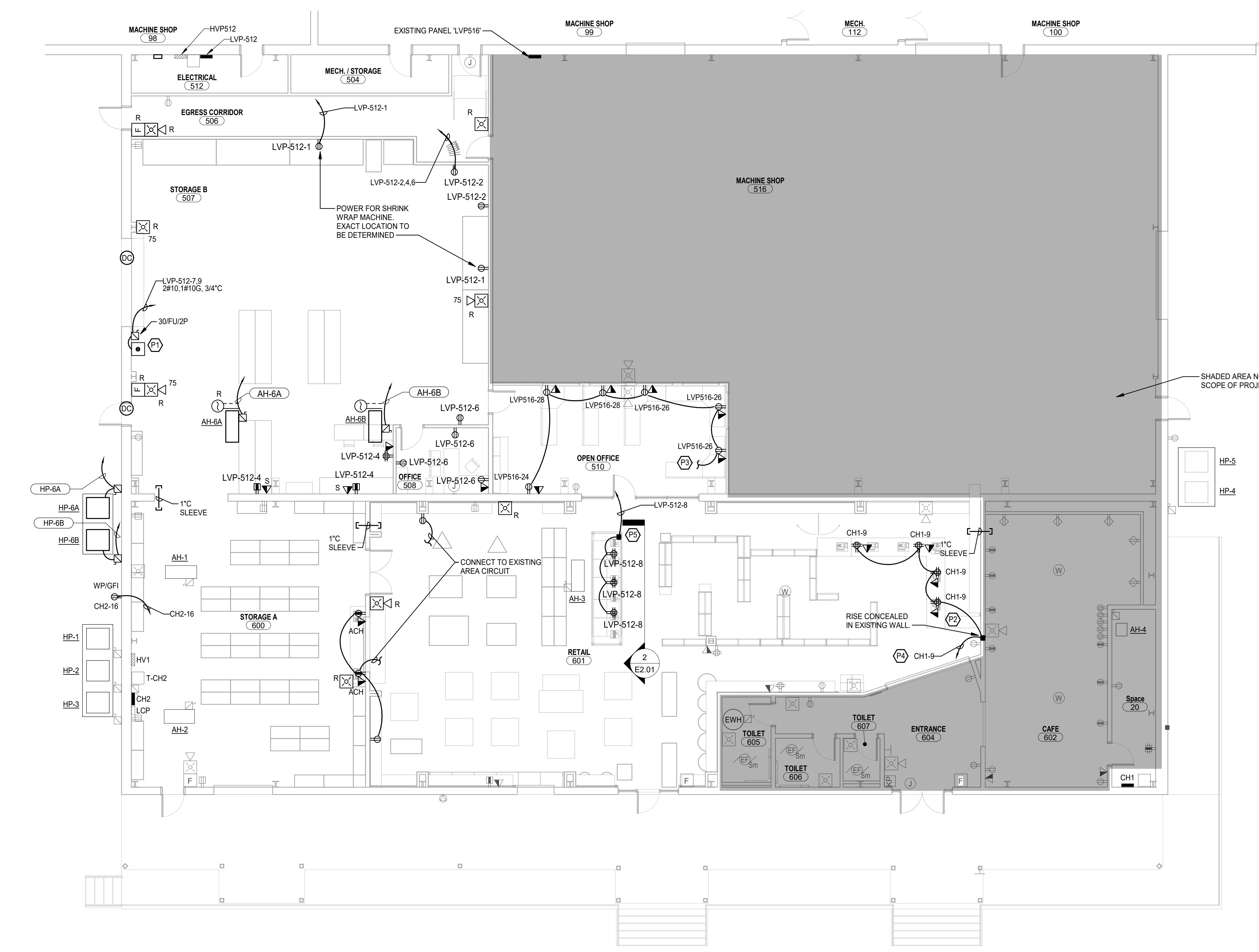
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K J H G F E D C B A

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A B C D E F G H J K

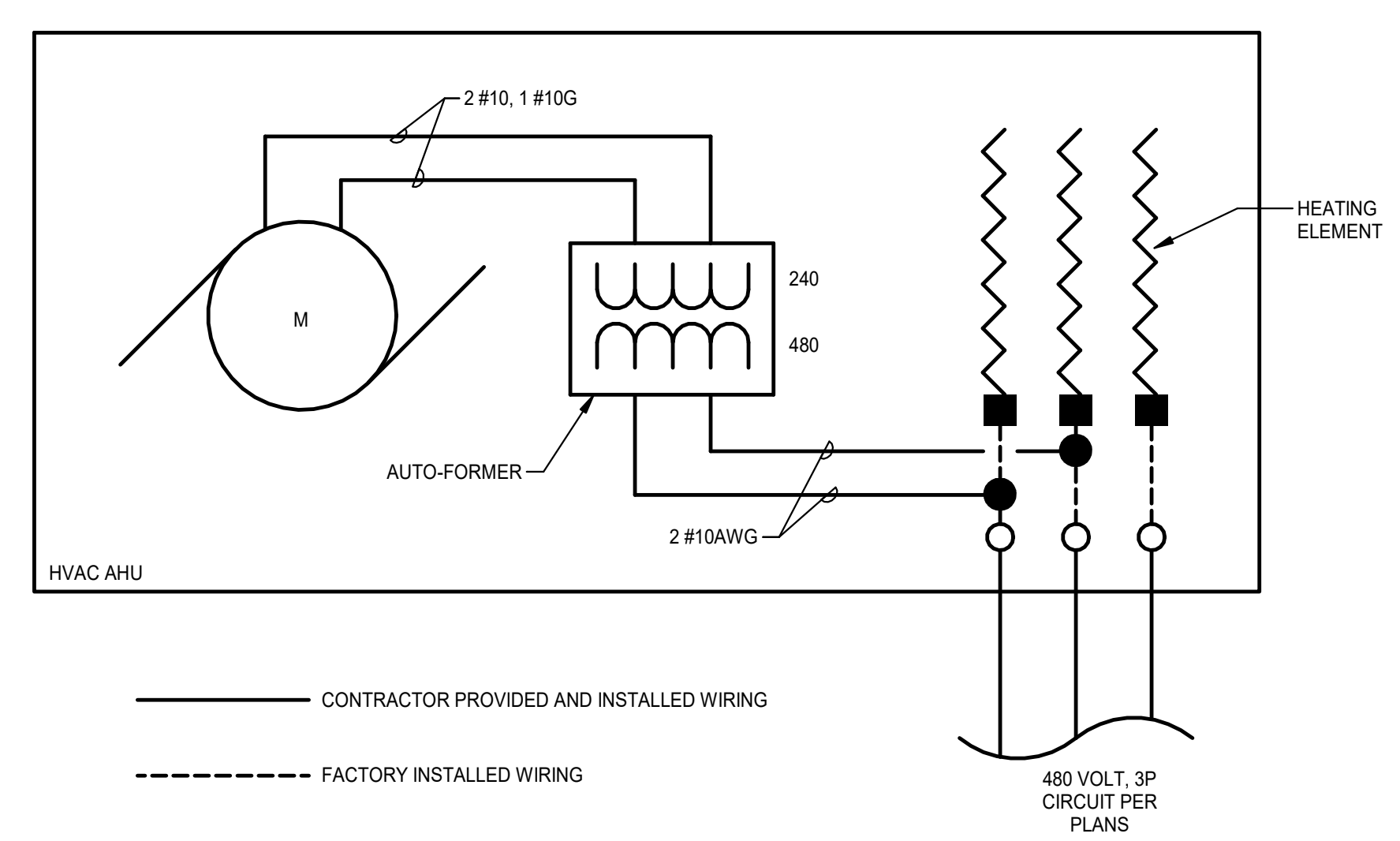
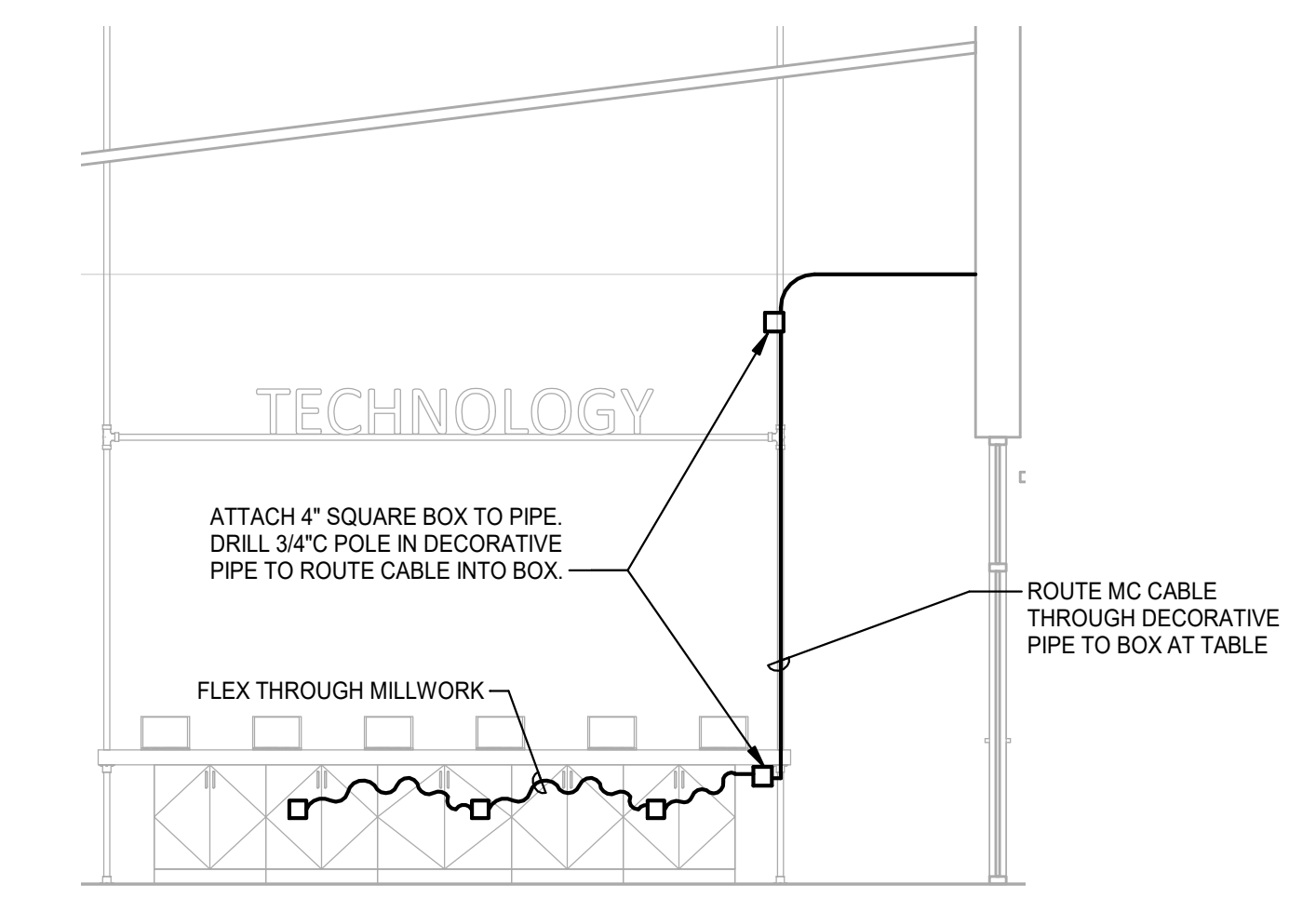


1 ELECTRICAL POWER PLAN
1/8" = 1'-0"

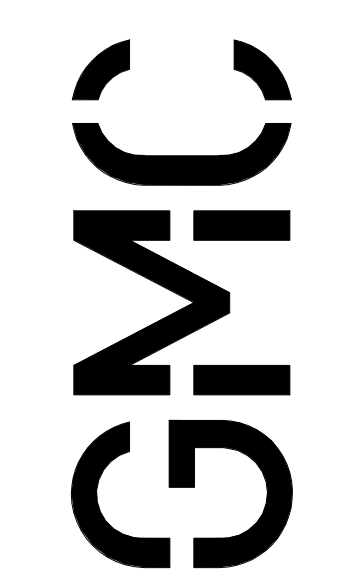
- GENERAL SHEET NOTES**
- CONTRACTOR SHALL VERIFY LOADS AND AVAILABILITY OF ALL CIRCUITS BEING MODIFIED AS PART OF THIS PROJECT AND SHALL ENSURE THAT CIRCUIT LOADS DO NOT EXCEED CODE LIMITS. CONTRACTOR SHALL LABEL ALL DEVICES SHOWN TO BE CONNECTED TO EXISTING CIRCUITS WITH THE CURRENT PANEL AND CIRCUIT NUMBER ON THE RECORD DRAWINGS.
 - SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES.
 - SEE MECHANICAL DRAWINGS FOR EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT.
 - DEVICES SHOWN IN LIGHT LINEWEIGHT ARE EXISTING TO REMAIN.
 - DEVICES SHOWN WITH 'R' ADJACENT ARE EXISTING DEVICES BEING RELOCATED.
- POWER PLAN KEYNOTES**
- CONTRACTOR TO INSTALL CONTROLLER/OPERATOR FOR OVERHEAD DOOR. PROVIDE AND INSTALL ALL REQUIRED WTER CONNECTIONS AND WIRING AS REQUIRED FOR A COMPLETE AND OPERATIONAL DOOR.
 - ROUTE CIRCUIT AND RACEWAY CONCEALED THROUGH MILLWORK/CABINETRY TO EXISTING WALL.
 - CONNECT TO EXISTING CIRCUITS ABANDONED DURING DEMOLITION.
 - CONNECT TO EXISTING SPARE BREAKER IN EXISTING PANEL.
 - ROUTE POWER CIRCUIT CONCEALED THROUGH PIPE CHASE TO TABLE. SEE DETAIL 2 BELOW.

EQUIPMENT SCHEDULE - NEW

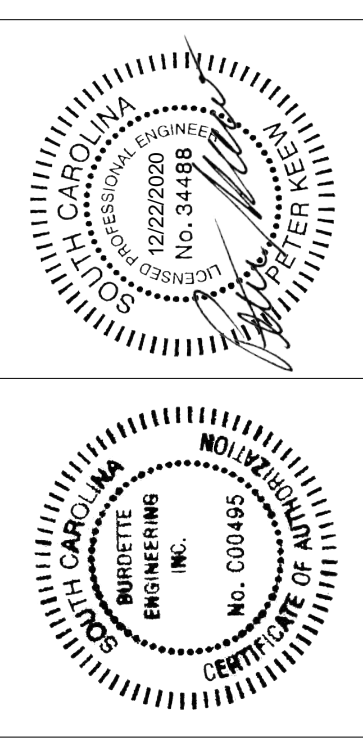
EQUIPMENT TAG	V/PH	LOAD	PANEL	CIRCUIT NUMBER	WIRE/CONDUIT	CONNECTION
AH-6A	480/3P	21,284 VA	HVP512	25,27,29	4 #10, 1 #10G, 3/4"C	30FU/3P
AH-6B	480/3P	21,284 VA	HVP512	31,33,35	4 #10, 1 #10G, 3/4"C	30FU/3P
HP-6A	480/3P	7,568 VA	HVP512	1,3,5	3 #12, 1 #12G, 3/4"C	30FU/3P/3R
HP-6B	480/3P	7,568 VA	HVP512	2,4,6	3 #12, 1 #12G, 3/4"C	30FU/3P/3R



- NOTES:**
- COORDINATE EXACT REQUIREMENTS FOR ELECTRICAL CONNECTIONS WITH ACTUAL EQUIPMENT.
 - AUTO-FORMER IS PROVIDED WITH EQUIPMENT.
 - ALL WIRING IS CONTAINED WITHIN CONTROL CABINET FURNISHED WITH EQUIPMENT.



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ELECTRICAL POWER PLAN
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