



EAGLE BUILDING SOLUTIONS - MIXED-USE BUILDING

E MAIN ST & N OAK ST
LITITZ, PA 17543



GENERAL CONSTRUCTION NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO START OF WORK.
- CONTRACTOR SHALL COMPLY WITH AND PERFORM WORK IN ACCORDANCE WITH ALL APPLICABLE LAWS, STATUTES, ORDINANCES, LOCAL ORDERS AND REGULATIONS. IF THE CONTRACTOR RECOGNIZES THAT PORTIONS OF THE CONTRACT DOCUMENTS DO NOT CONFORM WITH APPLICABLE STANDARDS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ARCHITECT, THE CONSTRUCTION MANAGER (IF APPLICABLE) AND THE OWNER, IN WRITING, BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL NOT SCALE DRAWINGS. DIMENSIONS ARE LABELED ON DRAWINGS. IN THE EVENT OF OMISSION OR DISCREPANCY OF NECESSARY DIMENSIONS OR INFORMATION, NOTIFY THE ARCHITECT IN WRITING.
- EACH CONTRACTOR SHALL PROTECT ALL ADJACENT CONSTRUCTION AND SYSTEMS FROM DAMAGE BY ITS WORK.
- CONTRACTOR SHALL COORDINATE ALL INSPECTIONS AND TESTS WITH OWNER'S INDEPENDENT TESTING AGENCY AND LOCAL CODE OFFICIALS.
- PLAN DIMENSIONS ARE TO FACE OF STUD, FACE OF MASONRY OR CENTERLINE OF COLUMN, UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS LISTED AS "CLEAR," "HOLD," "MIN," OR "MAX," ARE ABSOLUTE AND NOT SUBJECT TO CONSTRUCTION TOLERANCES.
- EXISTING CONSTRUCTION IS SHOWN FOR REFERENCE ONLY AND IS ASSUMED. FOR ANY EXISTING CONSTRUCTION AFFECTED BY NEW WORK, INCLUDING DEMOLITION, VERIFY IN FIELD.
- CIVIL, STRUCTURAL, ELECTRICAL, PLUMBING, HVAC AND FOOD SERVICE INFORMATION SHOWN ON THE ARCHITECTURAL DRAWINGS ARE FOR REFERENCE ONLY. REFER TO EACH DISCIPLINE'S DRAWINGS FOR SPECIFIC INFORMATION.
- FOR ALL INSTALLED EQUIPMENT, PLUMBING FIXTURES, DOORS, WINDOWS, ETC., VERIFY ALL ROUGH OPENING DIMENSIONS WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- PROVIDE CONCEALED, IN-WALL BLOCKING, SUFFICIENT TO SUPPORT ALL CASEWORK, PLUMBING FIXTURES, TOILET ACCESSORIES, SPECIALTY EQUIPMENT AND MISCELLANEOUS ITEMS.
- ALL CODE REQUIRED SIGNAGE SHALL BE INCLUDED IN CONTRACT. QUANTITY, TYPE AND LOCATIONS TO BE APPROVED BY CODE OFFICIAL.
- CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S RECOMMENDATIONS FOR INSTALLATION OF ALL MATERIALS, FIXTURES, AND EQUIPMENT. CONTRACTOR SHALL ADHERE TO MANUFACTURER'S REQUIREMENTS TO OBTAIN WARRANTY.
- CONTRACTOR SHALL PROVIDE CONTROL JOINTS AS PER INDUSTRY RECOMMENDED STANDARDS OR MANUFACTURER REQUIREMENTS, WHICHEVER IS MORE LIMITING. IN ALL MATERIALS, INCLUDING BUT NOT LIMITED TO CONCRETE, MASONRY, FINISHES AND GYPSUM BOARD.
- EACH CONTRACTOR SHALL PREPARE ALL SUBSTRATES AS REQUIRED FOR INSTALLATION OF THEIR PORTION OF WORK.
- FOR ANY PENETRATION THROUGH RATED CONSTRUCTION, PROVIDE DAMPERS, COLLARS, SLEEVES, SEALANT OR OTHER FIRESTOPPING ASSEMBLY AS REQUIRED TO MAINTAIN RATING OF PENETRATED CONSTRUCTION AND PREVENT THE SPREAD OF SMOKE AND FIRE AS PER NFPA. THE FIRESTOPPING ASSEMBLY FOR EACH PENETRATION SHALL BE BY THE CONTRACTOR MAKING THE PENETRATION, UNLESS NOTED OTHERWISE.
- PROVIDE PATCHING AND LEVELING COMPOUNDS AS REQUIRED FOR INSTALLATION OF ALL FLOOR FINISHES.
- ALL EXTERIOR STEEL SHALL BE HOT DIPPED GALVANIZED, PRIMERED AND PAINTED, TYP. UNO.
- SLOPE ALL CONCRETE AND GRADE AWAY FROM BUILDING AT 1/4" PER FOOT, TYP. UNO.
- ALL EXTERIOR WOOD FRAMING AND BLOCKING SHALL BE PRESSURE TREATED.
- ALL ALUMINUM WRAPPED PRESSURE TREATED WOOD SHALL HAVE SLIP SHEET BETWEEN ALUMINUM AND WOOD TO PREVENT GALVANIC ACTION.
- PROVIDE FASTENERS TO PREVENT GALVANIC ACTION AT ALL PRESSURE TREATED WOOD LOCATIONS.
- GRAB BARS, ACCESSORIES AND ANCHORAGE SHALL HAVE SUFFICIENT STRENGTH TO SUSTAIN A WEIGHT OF 250 POUNDS FOR 3 MINUTES.

DRAWING LIST

SHEET	TITLE
ARCHITECTURAL	
A000	COVER SHEET
A011	CODE PLAN
A021	TYPICAL ANSI A117.1-2009 STANDARDS
A101	FLOOR PLANS
A111	CEILING PLANS
A121	ROOF PLAN
A201	EXTERIOR ELEVATIONS
A301	BUILDING SECTIONS
A302	WALL SECTIONS
A303	WALL SECTIONS, DETAILS
A401	DETAILS, ENLARGED PLANS AND INTERIOR ELEVATIONS
A601	DOOR AND WINDOW SCHED. FINISH SCHEDULE
A602	DOOR AND WINDOW DETAILS
STRUCTURAL	
S101	STRUCTURAL NOTES
S201	FOUNDATION, 2ND FLOOR, AND ROOF FRAMING PLANS
S301	STRUCTURAL SECTIONS
S601	TYPICAL DETAILS
MECHANICAL	
M001	NOTES, SYMBOLS, AND ABBREVIATIONS
M201	FLOOR PLANS - HVAC
M202	SCHEDULES
M203	DETAILS
PLUMBING	
P001	NOTES, SYMBOLS, ABBREVIATIONS, DETAILS AND SCHEDULES
P201	FLOOR PLANS - DOMESTIC
P202	FLOOR PLANS - SANITARY
ELECTRICAL	
E001	SYMBOL SCHEDULE
E101	FLOOR PLANS - LIGHTING
E201	FLOOR PLANS - POWER
E301	POWER RISER DIAGRAM
E401	ELECTRICAL DETAILS

SITE DRAWINGS - CIVIL

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SITE DRAWINGS - ELECTRICAL

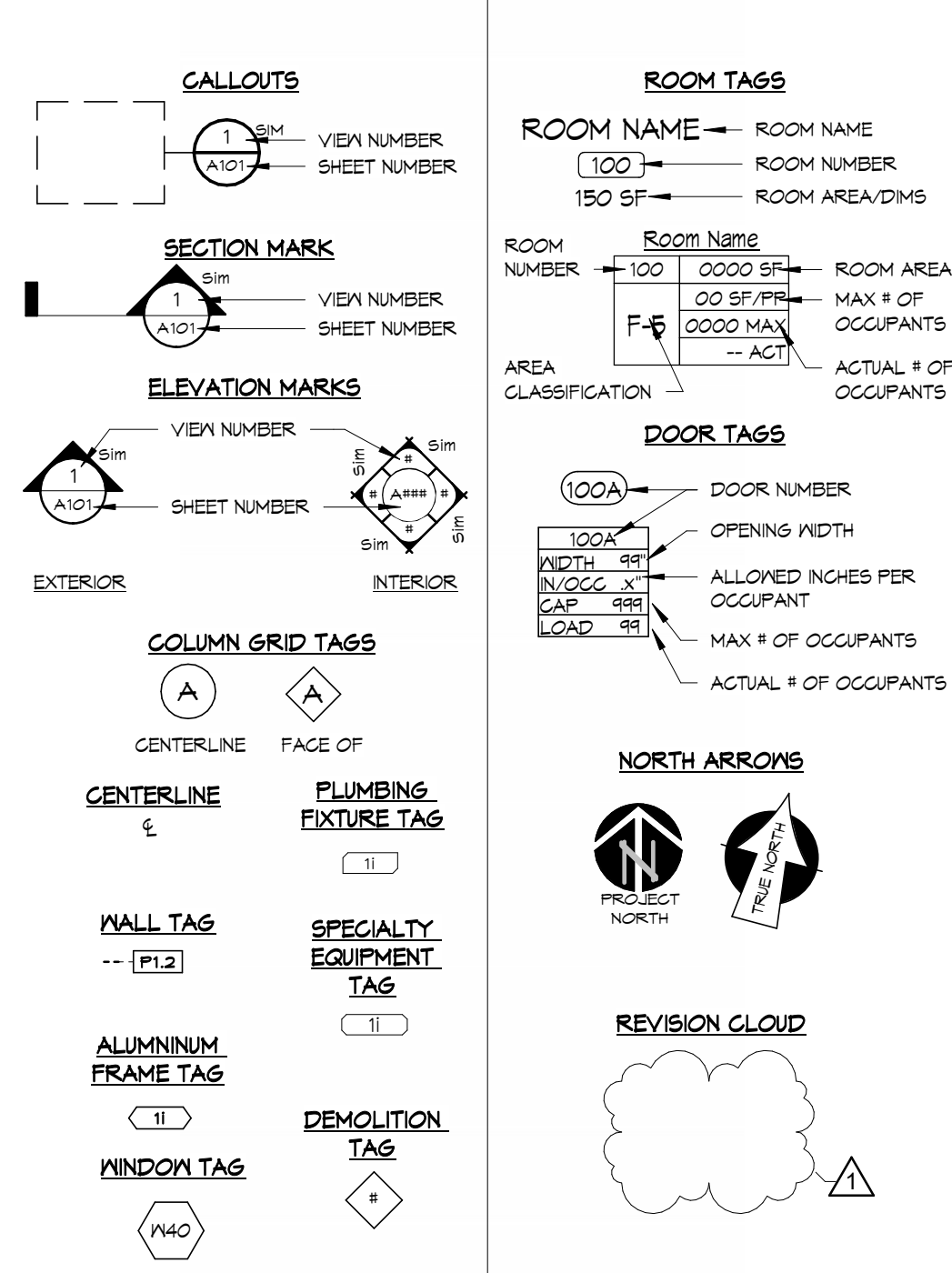
E101 (OVERALL SITE SET) - SITE PLAN
E102 (OVERALL SITE SET) - SITE ELECTRICAL DETAILS

NOTE: ABBREVIATIONS MAY OR MAY NOT SHOW PERIODS

ABBREVIATIONS											
#	AT	COMP	COMPONENT(S)	FFE	FINISHED FLOOR ELEVATION	MANUF	MANUFACTURER	PT	PRESSURE TREATED	T	TREAD
#	AT	COMP	COMPONENT(S)	FIN	FINISH / FINISHED	MATL	MATERIAL	PVC	POLY VINYL CHLORIDE	T&G	TONGUE & GROOVE
ABV	ABOVE	CONST	CONSTRUCTION	FLR(S)	FLOOR(S)	MAX	MAXIMUM	QTY	QUANTITY	TBD	TO BE DETERMINED
ACoust	ACOUSTICAL	CONTR	CONTRACTOR	FR	FIRE RATED	MB	MARKER BOARD	TEL	TELEPHONE	TEMP	TEMPORARY / TEMPERED
ACT	ACTUAL	COORD	COORDINATE	FRT	FIRE RETARDANT TREATED	MECH	MECHANICAL	RAD	RADIUS	THK	THICK
A/C	AIR CONDITIONING	CORR	CORROSION	FND	FOUNDATION	MIN	MINIMUM	RSB	RUBBER BASE	THRESH	THRESHOLD
ADA	AMERICANS w/ DISABILITIES ACT	CTOP	COUNTERTOP	FOB	FACE OF FINISH	WIR	WIRING	REG	REFLECTED CEILING PLAN	TLT	TOILET
ADH	ADHESIVE	CT	CERAMIC TILE	FOF	FACE OF FINISH	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
ADJ	ADJUSTABLE / ADJACENT	DRY	DRYER	FOF	FACE OF FINISH	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
AFF	ABOVE FINISHED FLOOR	DBL	DOUBLE	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
AHU	AIR HANDLING UNIT	DEMO	DEMOLITION	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
AIA	AMERICAN INSTITUTE OF ARCHITECTS	DEPT	DEPARTMENT	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
ALT	ALTERNATE	DIA	DIAMETER	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
ALUM	ALUMINUM	DIP	DIP	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
ANCH	ANCHOR / ANCHORAGE	DN	DOWN	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
ANCD	ANODIZED	DN	DOWN	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
APPROX	APPROXIMATE	DR	DOWN	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
ARCH	ARCHITECT / ARCHITECTURAL	DS	DOWNSPOUT	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
ATTN	ATTENTION	DTL	DETAIL	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
AVS	AVERAGE	DWS	DRAWING	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BD	BOARD	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BLDG	BUILDING	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BLKS	BLOCKING	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BO	BOTTOM OF	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BOD	BOTTOM OF DECK	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BOS	BOTTOM OF STEEL	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BOV	BOTTOM OF WALL	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BSMT	BASEMENT	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BTWN	BETWEEN	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BULL	BUILT UP	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BULL	BULLETIN	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
BSQR	BEST QUALITY	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CAB	CABINET	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CER	CERAMIC	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CI	CONTINUOUS INSULATION	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CP	CAST-IN-PLACE	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CJ	CONTROL JOINT	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CLK	CAULK	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CL	CENTER LINE	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CLG	CEILING	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CLO	CLOSET	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CLR	CLEAR	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
CMU	CONCRETE MASONRY UNIT	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING
COL	COLUMN	E	EAST	FTG	FEET / FOOT	WIR	WIRING	REFD	REFLECTED	TOB	TOP OF BEAM / BEARING

NOTE: ADDITIONAL ABBREVIATION LEGENDS IN SET AS APPLICABLE

SYMBOL LEGEND



PROJECT DIRECTORY

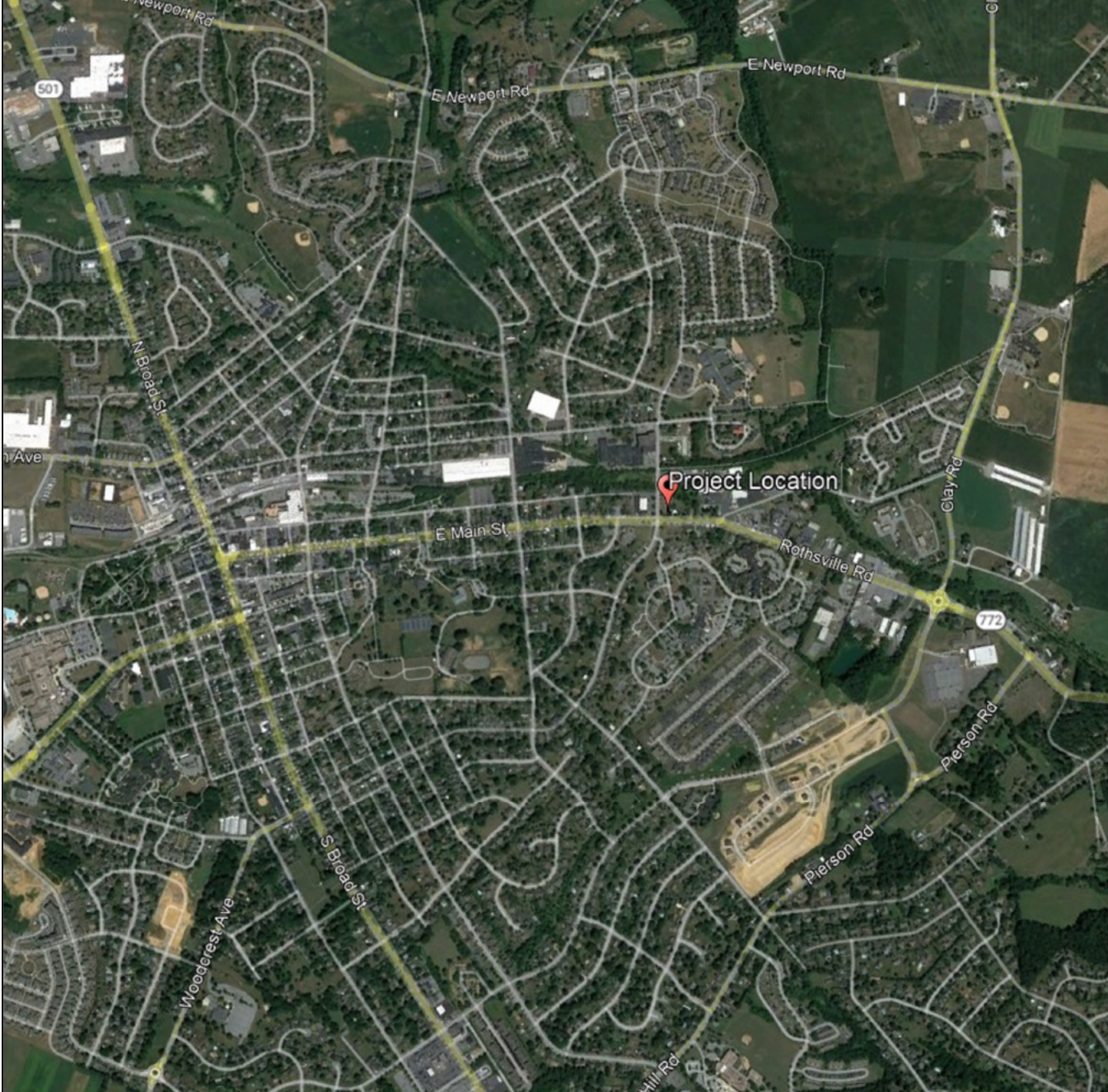
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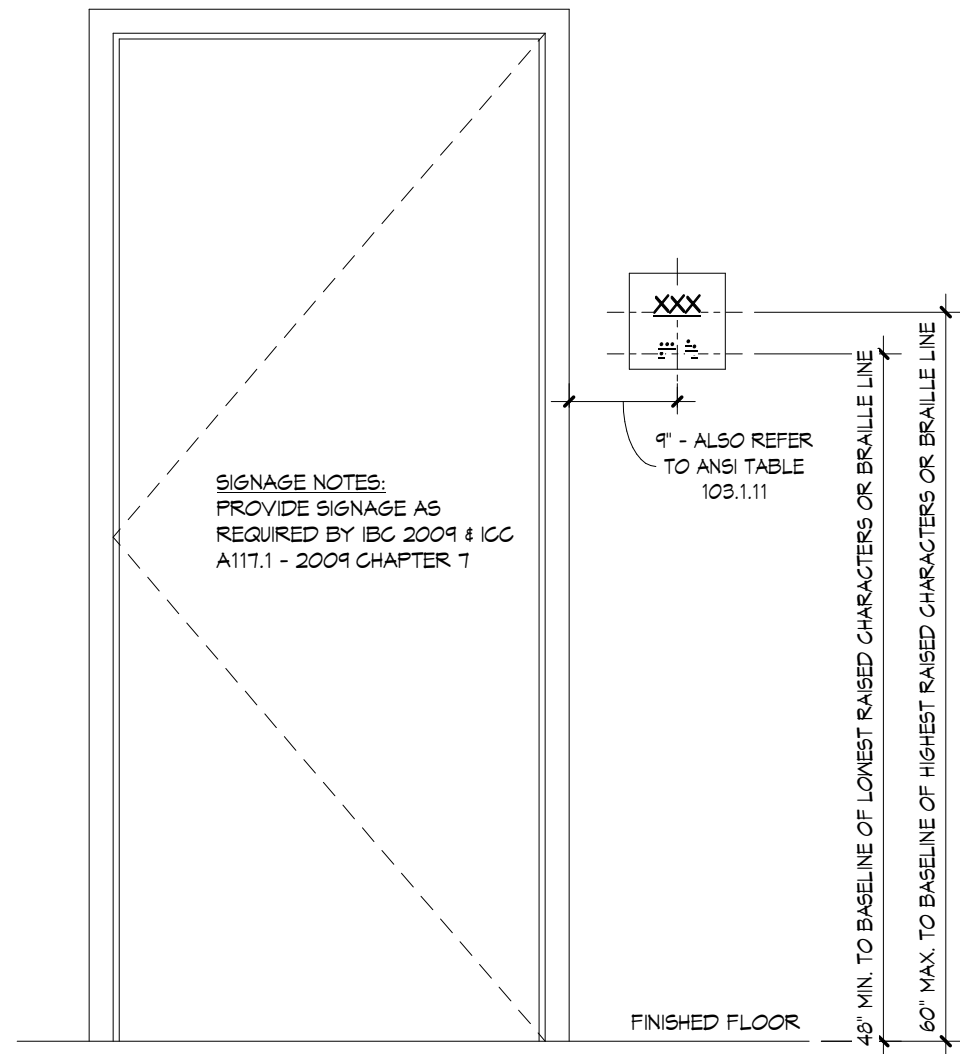
SITE LOCATION MAP



PERMIT SET

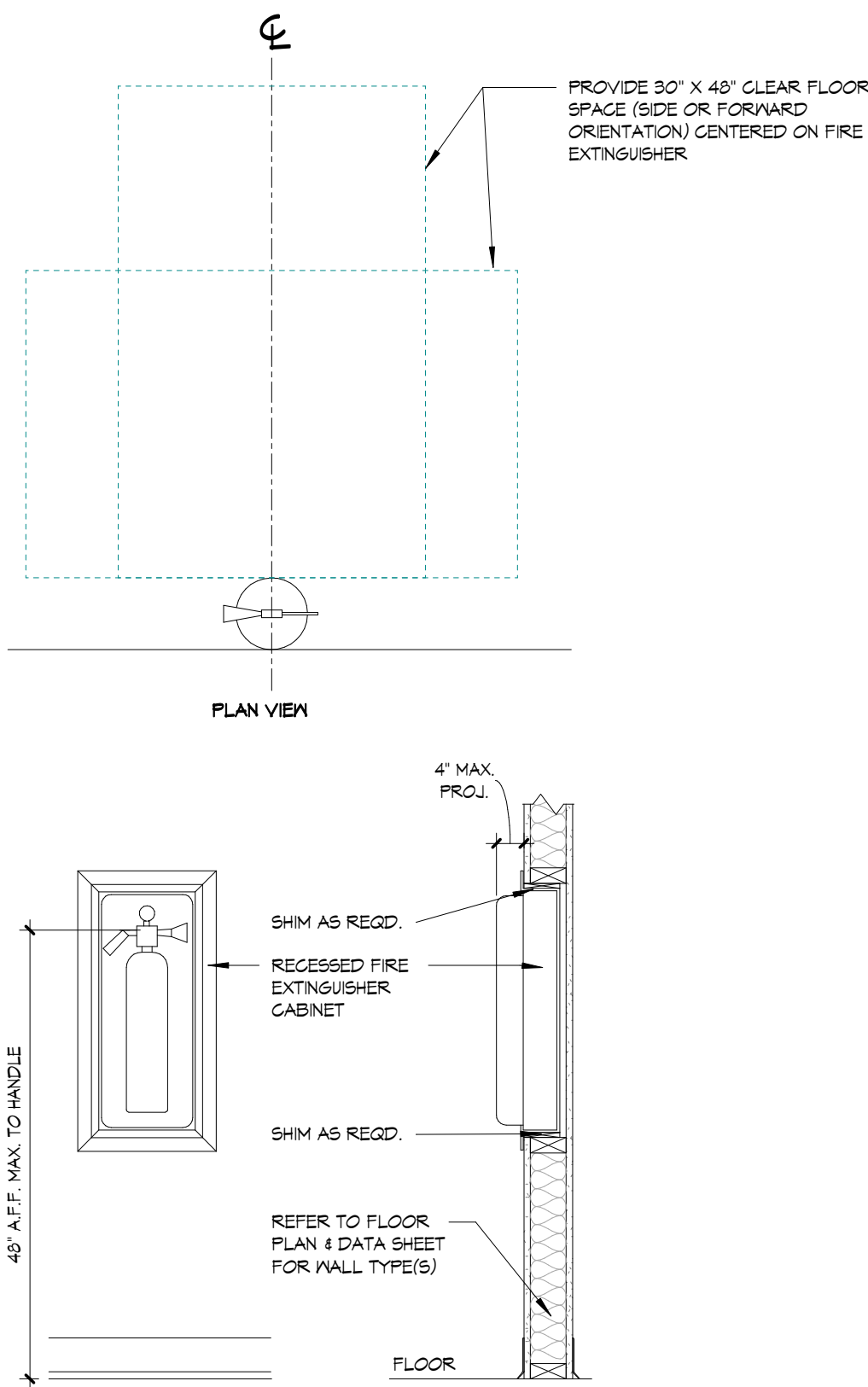
EAGLE BUILDING SOLUTIONS -

MIXED-USE BUILDING

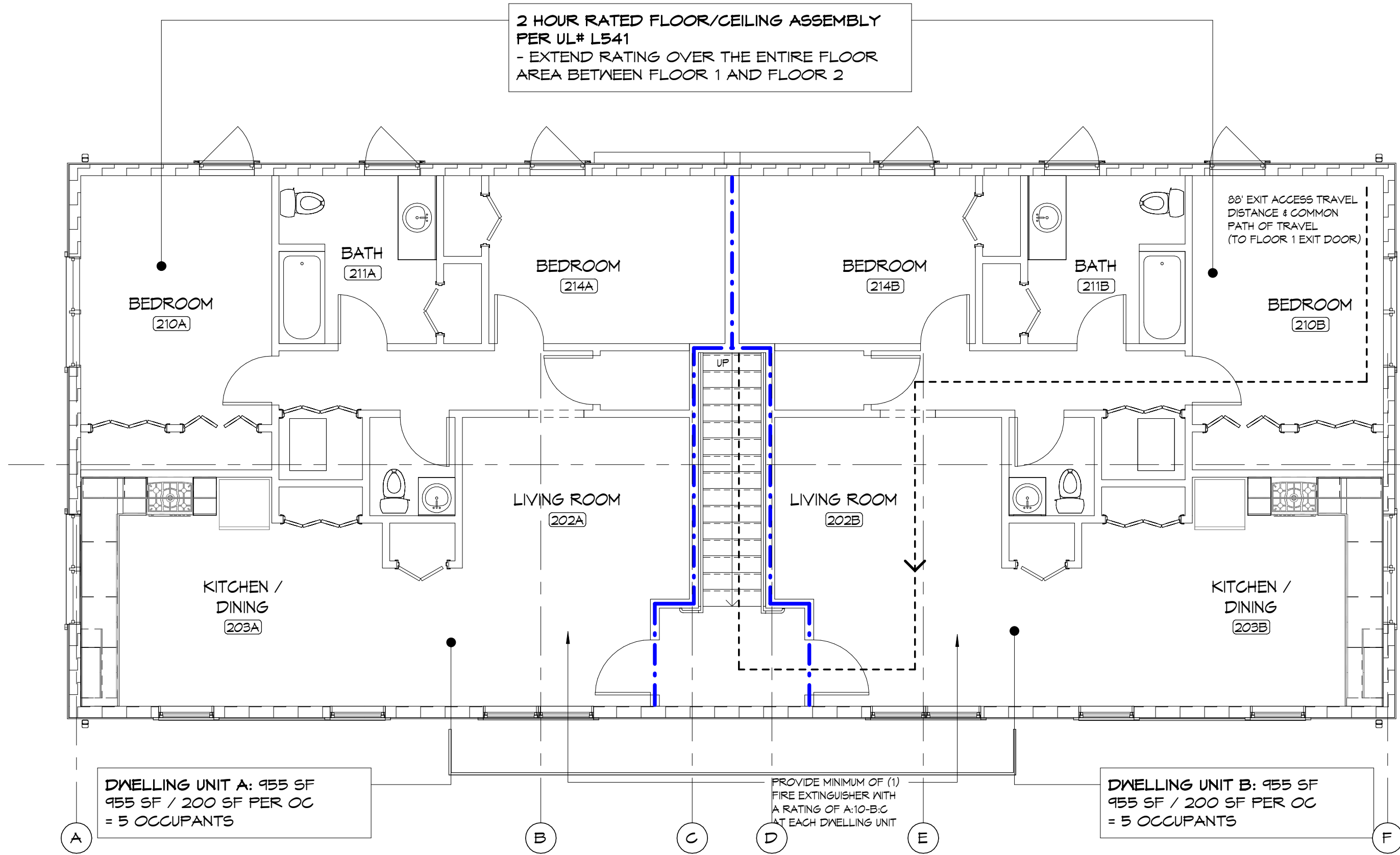


- NOTES
- UNIVERSAL "WHEELCHAR" SYMBOLS ON PAINTED ALUMINUM
 - CHARACTERS AND BACKGROUND SHALL HAVE 50% BRILL, WHITE, OR OTHER NON-GLOSS FINISH
 - CHARACTERS AND BACKGROUND SHALL CONTRAST, EITHER LIGHT CHARACTERS ON DARK BACKGROUND OR DARK CHARACTERS ON LIGHT BACKGROUND
 - PROVIDE BRAILLE AND RAISED LETTERING
 - PERMANENT IDENTIFICATION PROVIDED FOR ROOMS AND SPACES SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR
 - WHERE THERE IS NO WALL SPACE TO LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE-LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL
 - MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3' OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR

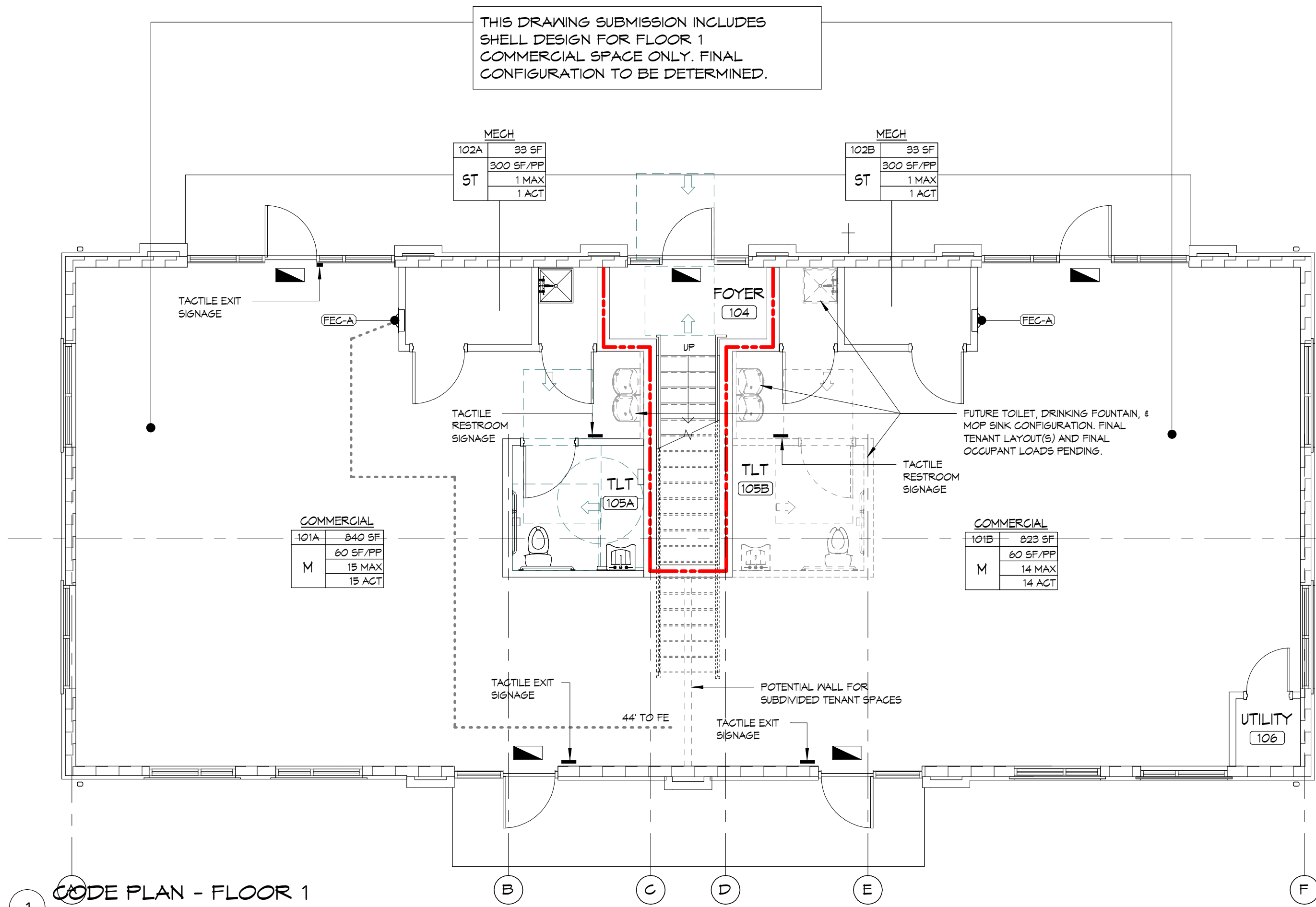
4 TYPICAL TACTILE SIGNAGE DETAIL
3/4" = 1'-0"



3 TYP. FIRE EXTINGUISHER AND CABINET DETAILS AT FLOOR 1
3/4" = 1'-0"



2 CODE PLAN - FLOOR 2
3/16" = 1'-0"



1 CODE PLAN - FLOOR 1
3/16" = 1'-0"

PLUMBING FIXTURE CALCULATIONS - FLOOR 2							
AS PER IBC TABLE 2402.1 NOTE: ALL REQUIRED QUANTITIES ROUNDED UP				* NOTE: SEPARATE SEX FACILITIES NOT REQUIRED IN MERCANTILE OCCUPANCIES WITH OCCUPANT LOAD OF 50 OR FEWER (IBC 2402.2)			
OCCUPANCY TYPE	WATER CLOSETS		LAVATORIES		BATH/TUBS / SHOWERS	DRINKING FOUNTAINS	SERVICE SINKS/ KITCHEN SINKS/OTHER
	MALE	FEMALE	MALE	FEMALE			
R - 10 OCCUPANCIES (5 M / 5 F)	1 PER DWELLING UNIT	1 PER DWELLING UNIT	1 PER DWELLING UNIT	1 PER DWELLING UNIT	1 PER DWELLING UNIT	N/A	1 KITCHEN SINK PER DWELLING UNIT, 1 CLOTHES WASHING CONNECTION PER 20 DWELLING UNITS
TOTAL PROVIDED FIXTURES	2 PER DWELLING UNIT	2 PER DWELLING UNIT	2 PER DWELLING UNIT	2 PER DWELLING UNIT	1 PER DWELLING UNIT	# HIGH/LOW	1 KITCHEN SINK & 1 CLOTHES WASHING CONNECTION PER DWELLING UNIT

PLUMBING FIXTURE CALCULATIONS - FLOOR 1							
AS PER IBC TABLE 2402.1 NOTE: ALL REQUIRED QUANTITIES ROUNDED UP				* NOTE: SEPARATE SEX FACILITIES NOT REQUIRED IN MERCANTILE OCCUPANCIES WITH OCCUPANT LOAD OF 50 OR FEWER (IBC 2402.2)			
OCCUPANCY TYPE	WATER CLOSETS		LAVATORIES		BATH/TUBS / SHOWERS	DRINKING FOUNTAINS	SERVICE SINKS/ KITCHEN SINKS
	MALE	FEMALE	MALE	FEMALE			
B - # OCCUPANTS (M / # F)	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50	1 PER 40 FOR THE FIRST 50 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 50	1 PER 40 FOR THE FIRST 50 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 50	N/A	1 PER 100	1 SERVICE SINK
M - # OCCUPANTS (M / # F)	1 PER 500	1 PER 500	1 PER 750	1 PER 750	N/A	1 PER 1,000	1 SERVICE SINK
TOTAL REQUIRED FIXTURES	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED	-	TO BE DETERMINED	1 SERVICE SINK MIN.
TOTAL PROVIDED FIXTURES	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED	TO BE DETERMINED	-	TO BE DETERMINED	TO BE DETERMINED

CODE INFORMATION			
PROJECT NAME:	EAGLE BUILDING SOLUTIONS: MIXED-USE BUILDING		
PROJECT LOCATION:	E MAIN ST & N OAK ST, LITITZ, PA 17543		
PROJECT OCCUPANCY:	SEPARATED MIXED USE - GROUP R-3 (RESIDENTIAL) & B (BUSINESS)/M (MERCANTILE)		
FIRE PROTECTION:	FLOOR 1 - NFPA 13 SPRINKLER SYSTEM FLOOR 2 - NFPA 13R SPRINKLER SYSTEM		
BUILDING HEIGHT:	2-STORIES, 31'-0" ABOVE FINISH GRADE		
BUILDING SITE FOOTPRINT:	2,212 SQUARE FEET (OUTSIDE FACE OF EXTERIOR WALLS)		
BUILDING AREA (INSIDE FACE OF EXTERIOR WALLS)	FIRST FLOOR = 2,032 SQUARE FEET SECOND FLOOR = 2,032 SQUARE FEET BUILDING TOTAL = 4,064 SQUARE FEET		
SCOPE OF WORK:	NEW CONSTRUCTION OF SEPARATED MIXED-USE BUILDING.		
APPLICABLE BUILDING AND LIFE SAFETY CODES	2018 (IBC) INTERNATIONAL BUILDING CODE 2004 (ICC) INTERNATIONAL MECHANICAL CODE 2018 (MEC) INTERNATIONAL MECHANICAL CODE 2018 (IFC) INTERNATIONAL FIRE CODE 2018 (IFC) INTERNATIONAL FIRE CODE 2018 (IFC) INTERNATIONAL FIRE CODE 2011 (NEC) NATIONAL ELECTRICAL CODE (NFPA-70) 2010 DOJ ADA STANDARDS FOR ACCESSIBLE DESIGN		
CODE	REQUIRED	PROVIDED	REFERENCE (SECTION)
USE AND OCCUPANCY CLASSIFICATION	SEPARATED MIXED USE: R-3, B/M		IBC CH 3
SPECIAL DETAILED REQUIREMENTS BASED ON USE AND OCCUPANCY	R-3		IBC 420
CONSTRUCTION CLASSIFICATION	VB		IBC 602
OCCUPANT LOAD	40 OCCUPANTS		IBC TABLE 1004.5
HEIGHT AND AREA LIMITATIONS	MAXIMUM		CHAPTER 5
ALLOWABLE HEIGHT	40'	31'	IBC TABLE 504.3
ALLOWABLE NUMBER OF STORIES ABOVE GRADE PLANE	2	2	IBC TABLE 504.4
TABLE ALLOWABLE AREA	9,000 SF	2,032 SF	IBC TABLE 506.2
SEPARATION OF OCCUPANCIES	R-3 & B/M	2-HR	IBC TABLE 506.3
FIRE RESISTIVE CONSTRUCTION			CHAPTER 6
PRIMARY STRUCTURAL FRAME	0-HR	0-HR	IBC TABLE 601
BEARING WALLS (EXTERIOR)	0-HR	0-HR	IBC TABLE 601.4
BEARING WALLS (INTERIOR)	0-HR	0-HR	IBC TABLE 601
NON-BEARING WALLS (EXTERIOR)	0-HR	0-HR	IBC TABLE 601.4
NON-BEARING WALLS (INTERIOR)	0-HR	0-HR	IBC TABLE 601
FLOOR CONSTRUCTION & SECONDARY MEMBERS	0-HR	0-HR	IBC TABLE 601
ROOF CONSTRUCTION & SECONDARY MEMBERS	0-HR	0-HR	IBC TABLE 601
WALLS (EXTERIOR) BASED ON BUILDING FIRE SEPARATION DISTANCE	0-HR	0-HR	IBC TABLE 602
OPENING REQUIREMENTS	0-HR	N/A	IBC TABLE 716.5
EXIT ACCESS CORRIDOR	0-HR	0-HR	IBC TABLE 1020.1
OPENING REQUIREMENTS	0-HR	0-HR	IBC TABLE 716.1(2)
EXIT ENCLOSURE (CONNECTING FLOORS) & VERTICAL OPENINGS	N/A	0-HR	IBC TABLE 1020.2
SMOKE AND FIRE PROTECTION FEATURES			
FIRE WALL	N/A	N/A	IBC TABLE 706.4
FIRE BARRIER	2-HR	2-HR	IBC TABLE 707.3.10
SHAFT, ELEVATOR & INTERIOR EXIT STAIRWAYS	0-HR	0-HR	IBC 712, 715.4, 1029.2
FIRE PARTITION	1-HR	1-HR	IBC 708
SMOKE BARRIER & SMOKE COMPARTMENTS	N/A	N/A	IBC 709, 407.5, 422.2 & 708
SMOKE PARTITION	N/A	N/A	IBC 710
CONCEALED SPACES - DRAFTSTOP/ FIREBLOCKING ETC.	AS REQUIRED	PROVIDED	IBC 719.2, 719.3, 719.4
ROOF ASSEMBLY INFORMATION			IBC CHAPTER 15
FIRE CLASSIFICATION	CLASS 'C'	CLASS 'C'	IBC TABLE 1505.1
MEANS OF EGRESS			
HEADROOM	7'-0" MIN. 8'-0" & CEILING AREA MIN. 7'-6"		IBC CHAPTER 10
COMMON PATH OF EGRESS TRAVEL	R-3: MAX 125' M: MAX 100'	55 FT	IBC TABLE 1006.3.3(2)
MINIMUM EGRESS DOOR OPENING WIDTH	R-3: 32" MIN. 1" OUTSIDE DOOR M/B: 32" MIN	33"	IBC 1010.1.1
EXIT ACCESS TRAVEL DISTANCE / TRAVEL DISTANCE TO EXIT	MAX 200 FT	55 FT	IBC TABLE 1011.2
REQUIRED ACCESS TO A PUBLIC WAY	REQUIRED	PROVIDED	IBC 1028.5
ACCESSIBLE PUBLIC ENTRIES	MIN. 60%	100%	IBC 1105.1
ACCESSIBLE MEANS OF EGRESS	REQUIRED AT FLOOR 1	PROVIDED AT FLOOR 1	IBC 1004.1
ACCESSIBLE DWELLING UNITS	NOT REQUIRED*	NOT PROVIDED	IBC 1107.6.3
AUTOMATIC SPRINKLER SYSTEMS	REQUIRED	PROVIDED	* BUILDING CONTAINS LESS THAN 4 DWELLING UNITS IBC CHAPTER 9, 903 & 904.11
FIRE ALARM & DETECTION SYSTEMS			
FIRE ALARM	NOT REQUIRED	NOT PROVIDED	IBC 907
DETECTION	REQUIRED	PROVIDED	IBC 907
MANUAL FIRE ALARM BOXES	NOT REQUIRED	NOT PROVIDED	IBC 907.4.2
MEANS OF EGRESS ILLUMINATION	- REQUIRED ON FLOOR 1 (B/M) - NOT REQUIRED ON FLOOR 2 (R-3)	- PROVIDED ON FLOOR 1 (B/M) - NOT PROVIDED ON FLOOR 2 (R-3)	IBC 1008
EXIT SIGNS	- REQUIRED ON FLOOR 1 (B/M) - NOT REQUIRED ON FLOOR 2 (R-3)	- PROVIDED ON FLOOR 1 (B/M) - NOT PROVIDED ON FLOOR 2 (R-3)	IBC 1019
FIRE EXTINGUISHERS	REQUIRED	PROVIDED	IBC 906.1
CLASS A FIRE HAZARDS - ORDINARY HAZARD			TABLE 906.3(1)
TRAVEL DISTANCE	75' MAX	44' MAX	
MAXIMUM FLOOR AREA PER UNIT OF A	1,500 MAX SF/UNIT OF A	< 1,500 SF/UNIT OF A	
MAXIMUM FLOOR AREA FOR 2A EXTINGUISHER	3,000 SF	1,000 SF	
INTERIOR FINISHES			
REQUIRED VERTICAL EXIT & PASSAGEWAYS	N/A	N/A	IBC TABLE 809.13
CORRIDORS PROVIDING EXIT ACCESS	CLASS C	CLASS C	IBC TABLE 809.13
ROOMS OR ENCLOSED SPACES	CLASS C	CLASS C	IBC TABLE 809.13
NET AREAS: PROVIDE NON-POROUS MATERIALS	RESTROOMS		IBC 1204
SIGNAGE			CHAPTER 11 & ICG A111.1-2004
EXTERIOR - (CODE REQUIRED MINIMUM)	REQUIRED	PROVIDED	IBC 1111 & ICG A111.1 - 709
INTERIOR - (CODE REQUIRED MINIMUM)	REQUIRED	PROVIDED	

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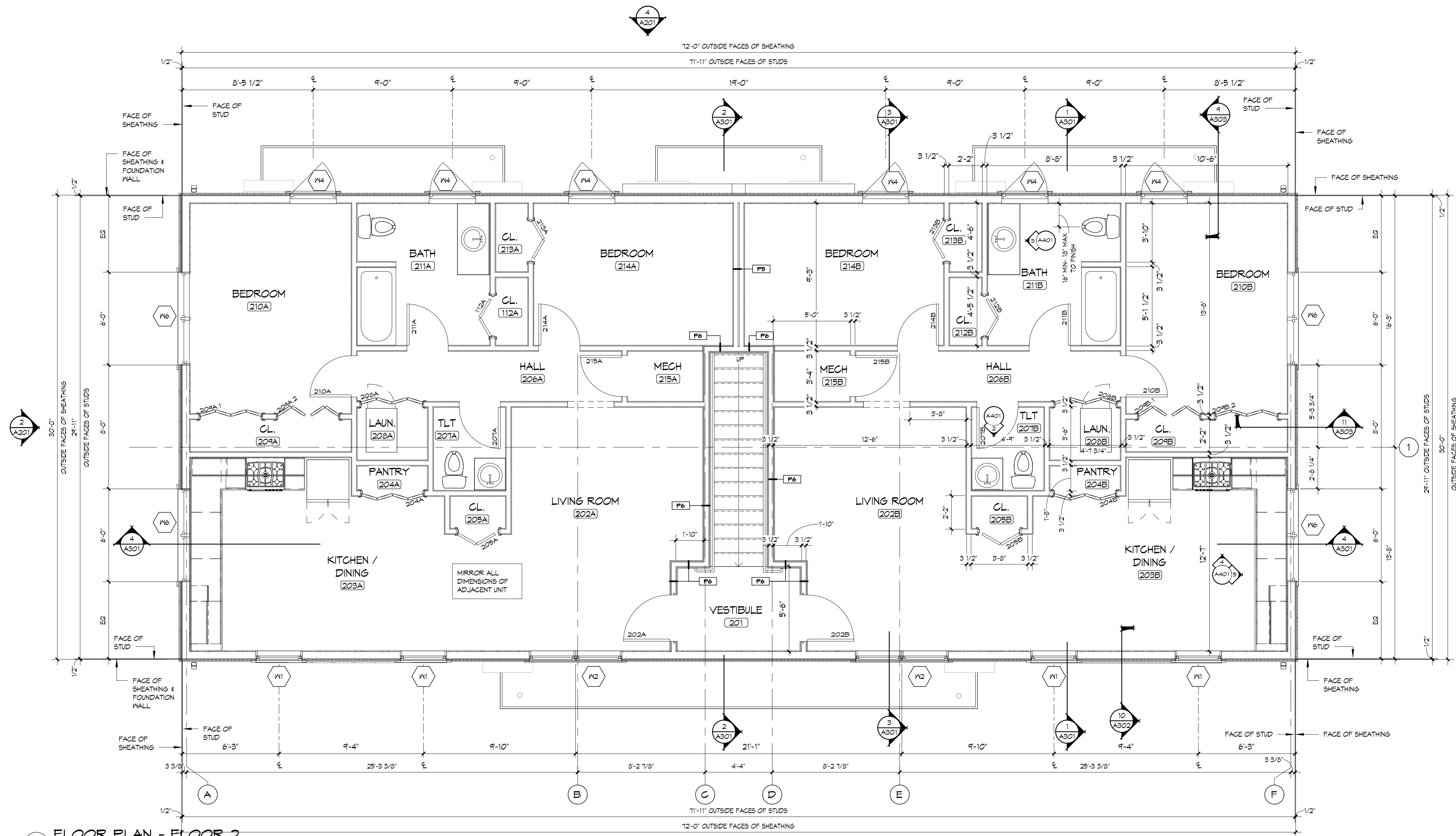
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CODE PLAN

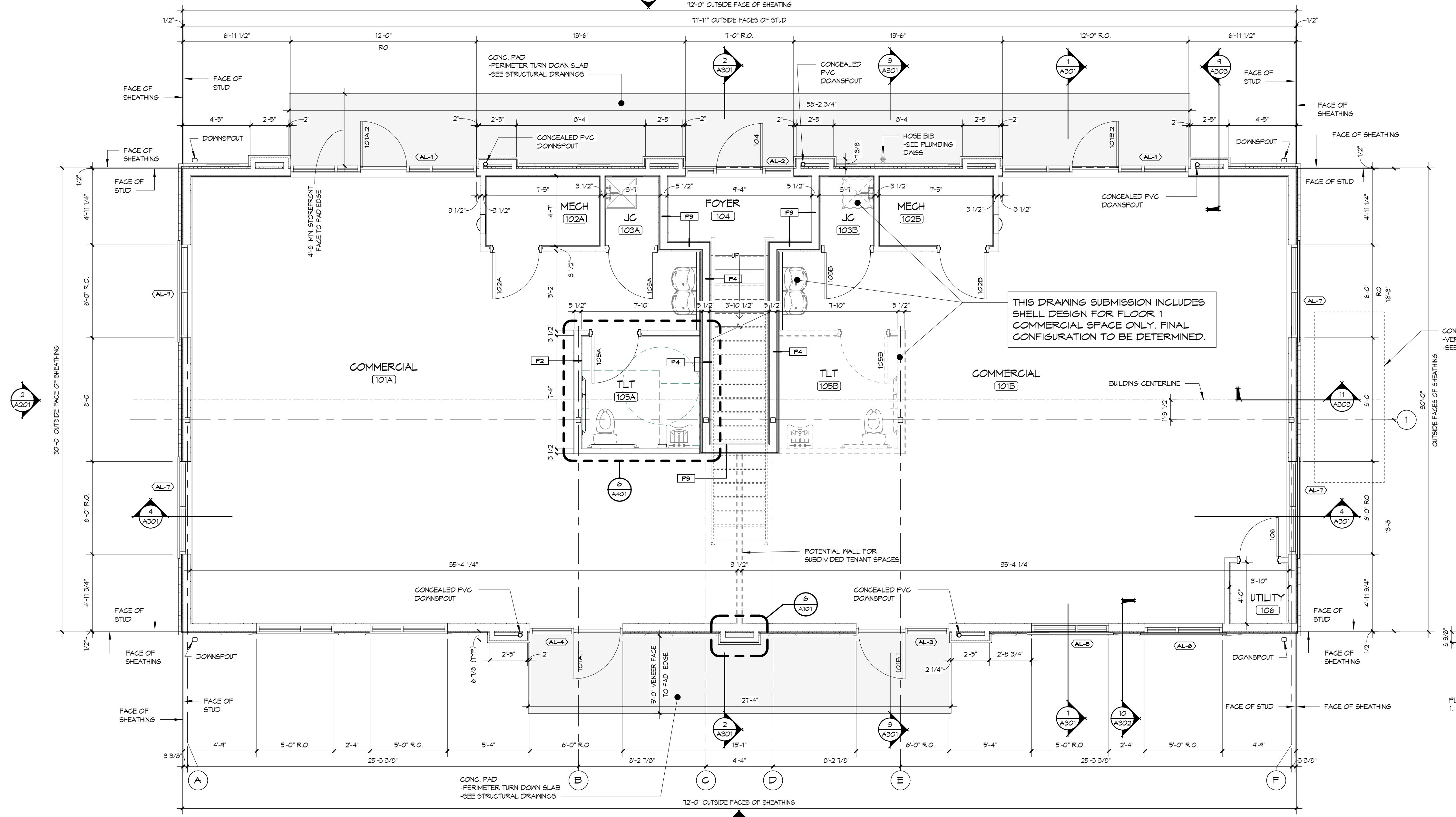
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A011

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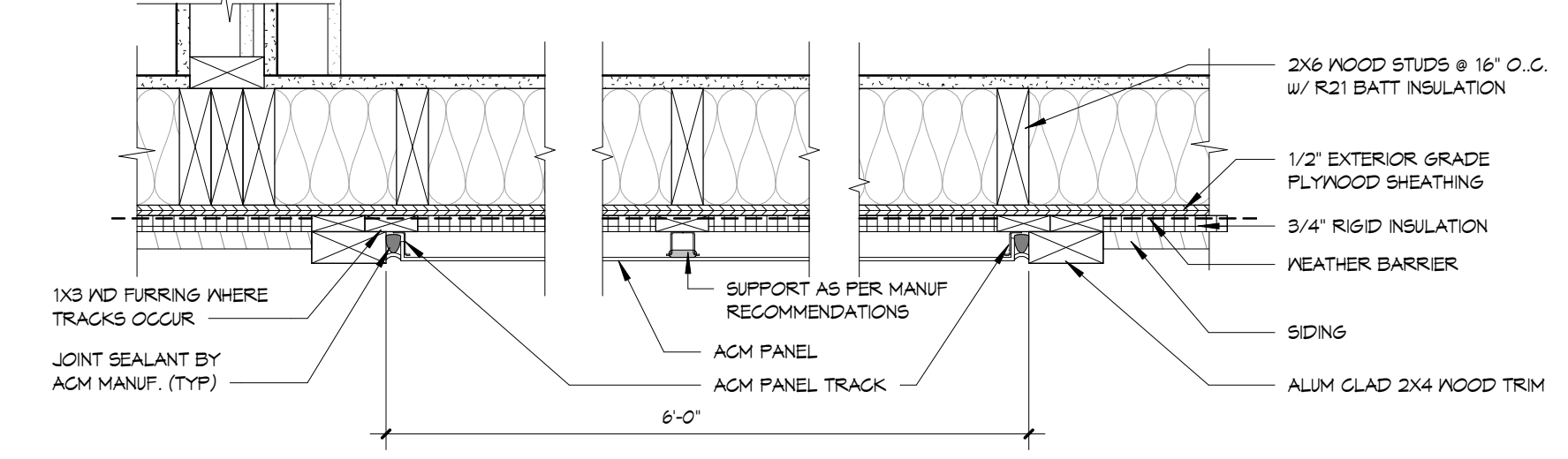
3 FLOOR PLAN - FLOOR 2
1/4" = 1'-0"



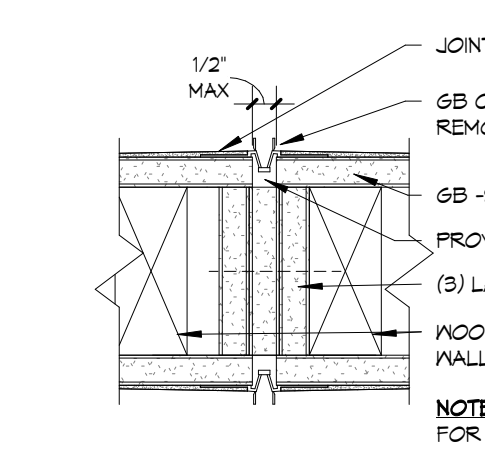
2 FLOOR PLAN - FLOOR 1
1/4" = 1'-0"

PARTITION TYPES					
NO.	WALL TYPE	PLAN	DESCRIPTION	HEIGHT	FIRE RATINGS
1	INTERIOR LOAD BEARING 1 NON-LOAD BEARING PARTITION		2x4 WOOD STUD 16" O.C. 5/8" GNB BOTH SIDES	UNDERSIDE OF STRUCTURE	NON-RATED
2	INTERIOR LOAD BEARING 1 NON-LOAD BEARING PARTITION		2x4 WOOD STUD 16" O.C. 5/8" GNB BOTH SIDES	UNDERSIDE OF STRUCTURE	NON-RATED
3	INTERIOR NON-LOAD BEARING PARTITION - 2x4 - 1 HOUR RATED		(2) LAYERS 5/8" GNB RESILIENT CHANNEL, 2x4 WOOD STUD 16" O.C. (2) LAYERS 5/8" GNB	UNDERSIDE OF STRUCTURE	2 HR RATED (UL-L301)
4	INTERIOR NON-LOAD BEARING PARTITION - 2x4 - 1 HOUR RATED		(2) LAYERS 5/8" GNB RESILIENT CHANNEL, 5/8" PLYWOOD, 2x4 WOOD STUD 16" O.C. (2) LAYERS 5/8" GNB	UNDERSIDE OF STRUCTURE	2 HR RATED (UL-L301 (B4))
5	INTERIOR NON-LOAD BEARING PARTITION - (2) 2x4 - 1 HOUR RATED		5/8" GNB, 2x4 WOOD STUD 16" O.C. 1" AIR SPACE, 2x4 WOOD STUD 16" O.C. (2) LAYERS 5/8" GNB	EXTEND WALL TO UNDERSIDE OF ROOF DECK	1 HR RATED (UL-L305)
6	INTERIOR NON-LOAD BEARING PARTITION - 2x4 - 1 HOUR RATED		5/8" GNB RESILIENT CHANNEL, 2x4 WOOD STUD 16" O.C. (2) LAYERS 5/8" GNB	EXTEND WALL TO UNDERSIDE OF ROOF DECK	1 HR RATED (UL-L305)

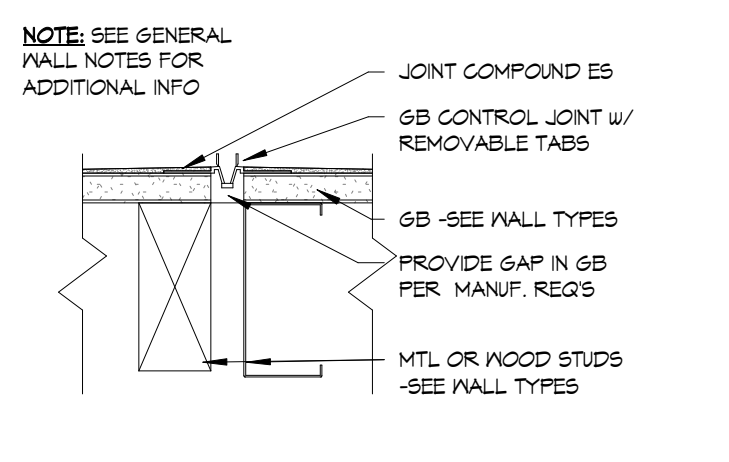
PARTITION TYPE NOTES:
1. PROVIDE SOUND ATTENUATION BLANKET (FRICTION FIT) IN ALL BATHROOM, BEDROOM, LAUNDRY, BEDROOM AND DINING WALLS.
2. PROVIDE MOISTURE RESISTANT GNB IN LIEU OF GNB @ ALL MET WALLS.
3. PROVIDE 5/8" BACKER BOARD IN LIEU OF GNB WHERE WALL TILE OCCURS.



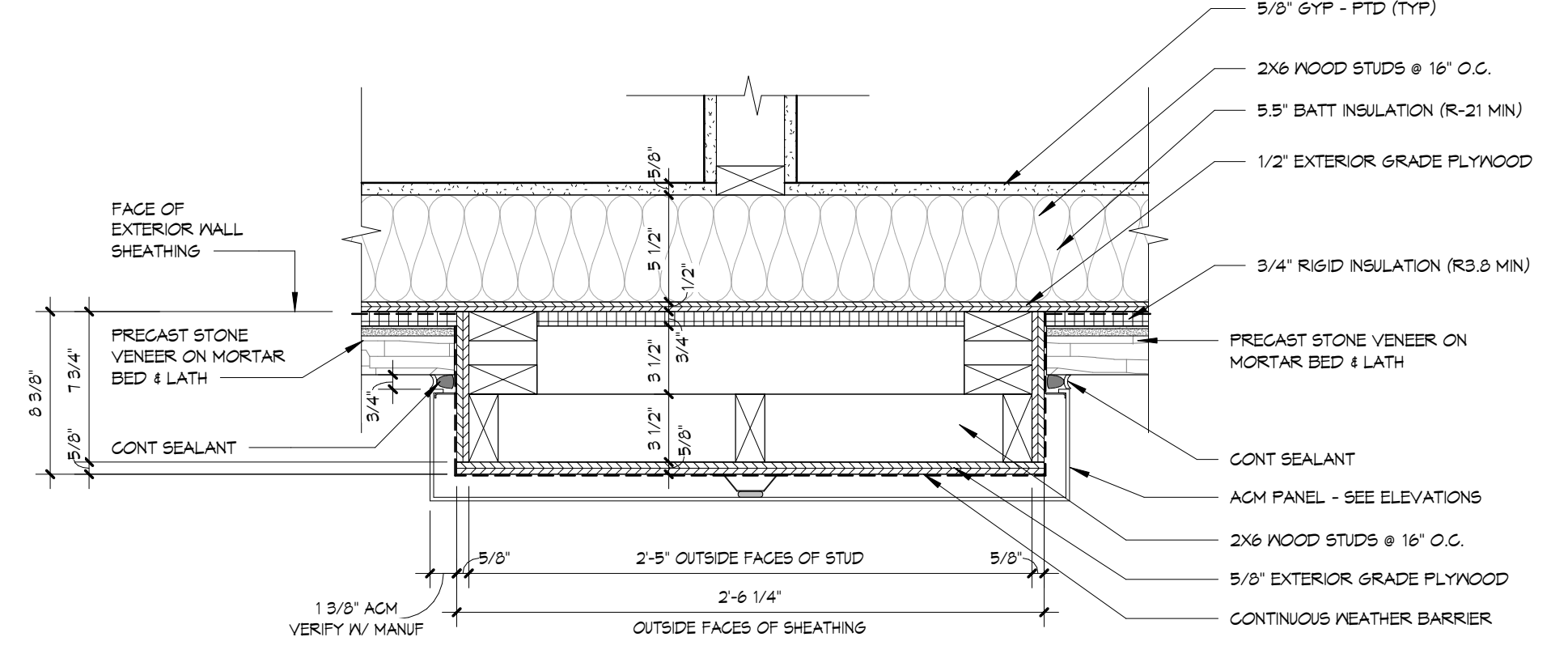
7 PLAN DETAIL
1 1/2" = 1'-0"



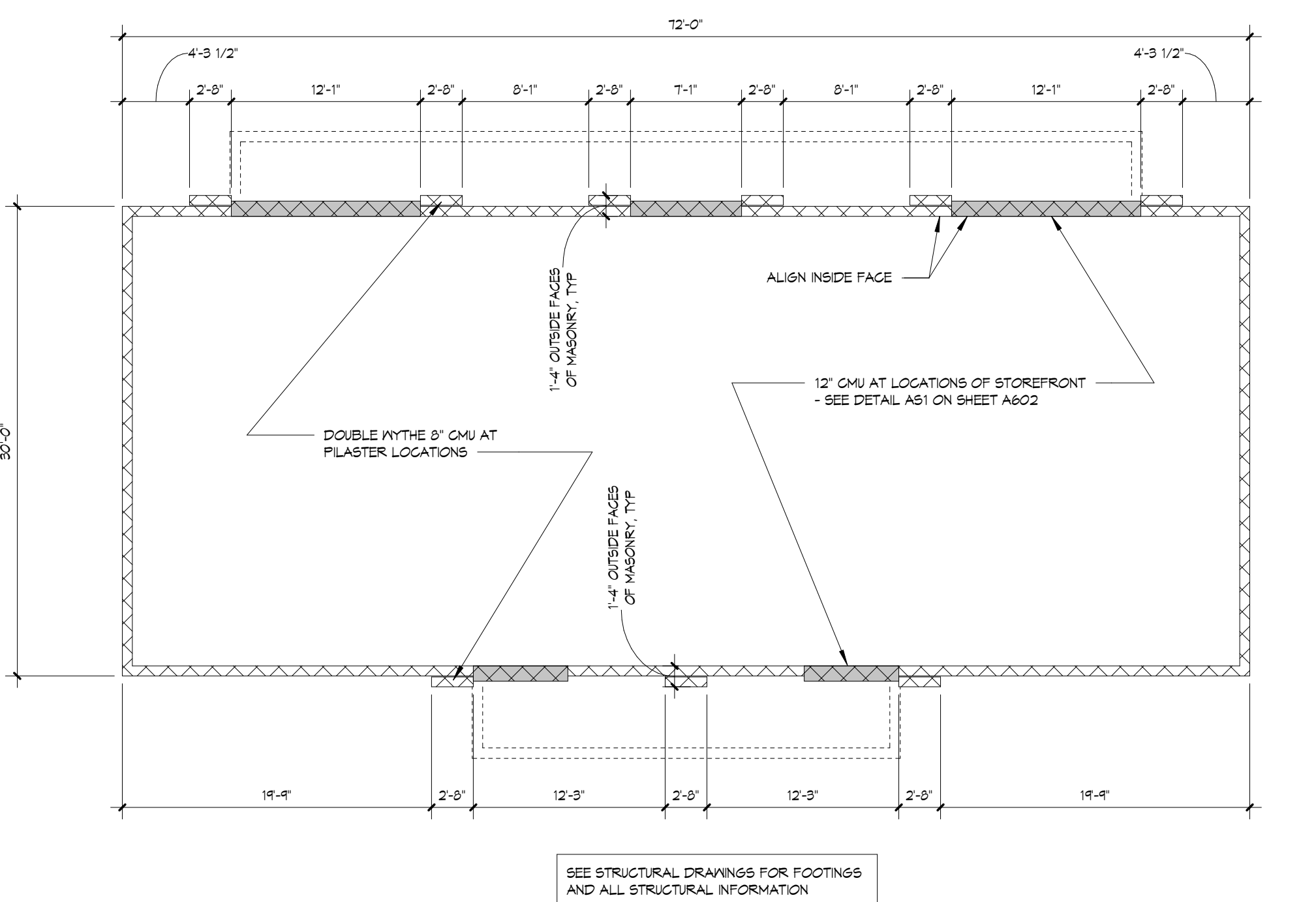
4 TYP. 1HR GB EXP. JT.
3" = 1'-0"



5 TYP. GB EXP. JT.
3" = 1'-0"



6 PLAN DETAIL - TYPICAL ACM PILASTER
1 1/2" = 1'-0"



1 FOUNDATION WALL PLAN
1/8" = 1'-0"

GENERAL WALL NOTES

- PROVIDE SLOTTED TOP TRACK FOR ALL NON-BEARING PARTITIONS AS REQUIRED FOR DEFLECTION.
- ALL GYPSUM BOARD WALL FINISHES TO HAVE 1/2" GAP AT FLOOR SLAB, TYP. AND.
- PROVIDE MOISTURE RESISTANT GYPSUM BOARD FOR ALL GYPSUM BOARD IN WET AREAS, SUCH AS, BUT NOT LIMITED TO, TOILET AND BATHING ROOMS, JANITOR'S CLOSETS WITH MOP SINKS, LAUNDRY AND DISHWASHING AREAS.
- ALL CORNERS AND ALL VISIBLE DRYWALL EDGES AT OPENINGS, PENETRATIONS, CHANGES IN MATERIAL, ETC. SHALL HAVE CORNER BEAD, 'L' BEAD OR 'J' CHANNEL AS APPLICABLE.
- PROVIDE TILE BACKER BOARD FOR ALL TILE LOCATIONS. SEE FINISH DRAWINGS FOR LOCATIONS.
- ALL INTERIOR WALL FINISHES SHALL EXTEND 6" MIN ABOVE SUSPENDED CEILING, TYP. AND.
- ALL EXPOSED INTERIOR CMU OUTSIDE CORNERS SHALL BE BELLISHED.
- AT ALL INTERSECTIONS OF RATED AND NON-RATED WALLS, RATED WALL SHALL BE PRIMARY, CONTINUOUS AND A CLOSED ASSEMBLY. ALL RATED WALL CONSTRUCTION SHALL BE UNBROKEN BY ANY NON-RATED CONSTRUCTION. NON-RATED WALLS SHALL TERMINATE AT FINISHED SURFACE OF RATED WALLS.
- ALL RATED WALL COMPONENTS SHALL BEAR APPROPRIATE UL LABELS. REFER TO UL LISTINGS FOR REQUIREMENTS.
- AT ALL WALLS WITH AN STC RATING, EXTEND WALL TO UNDERSIDE OF ROOF DECK AND PROVIDE ACOUSTICAL SEALANT ASSEMBLY AT ALL JOINTS AND PENETRATIONS. ALL OPENINGS SHALL BE CUT TIGHT TO FIT AND INFILLED WITH ACOUSTICAL SEALANT ASSEMBLY.
- AT ALL WALLS WITH AN STC RATING, STAGGER RECESSED ELEMENTS ON OPPOSING SIDES OF THE WALL IN DIFFERENT STUD SPACES TO REDUCE SOUND TRANSMISSION.

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FLOOR PLANS

Sheet Number:
A101

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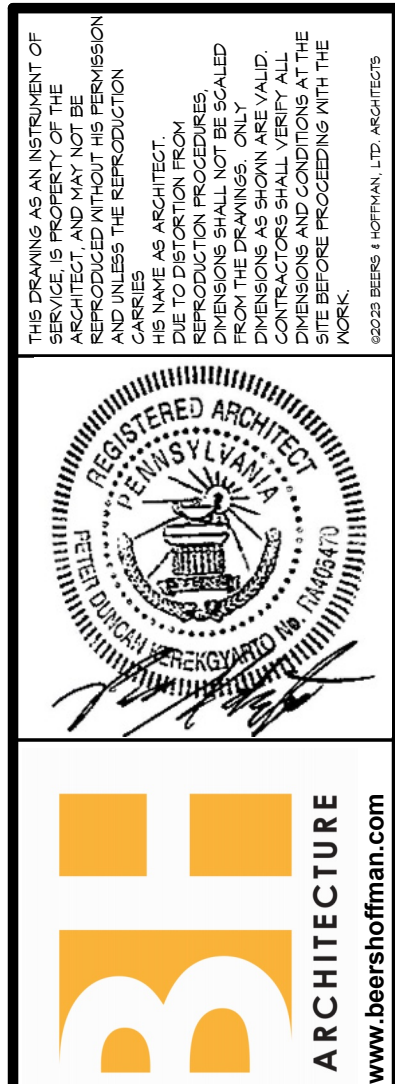
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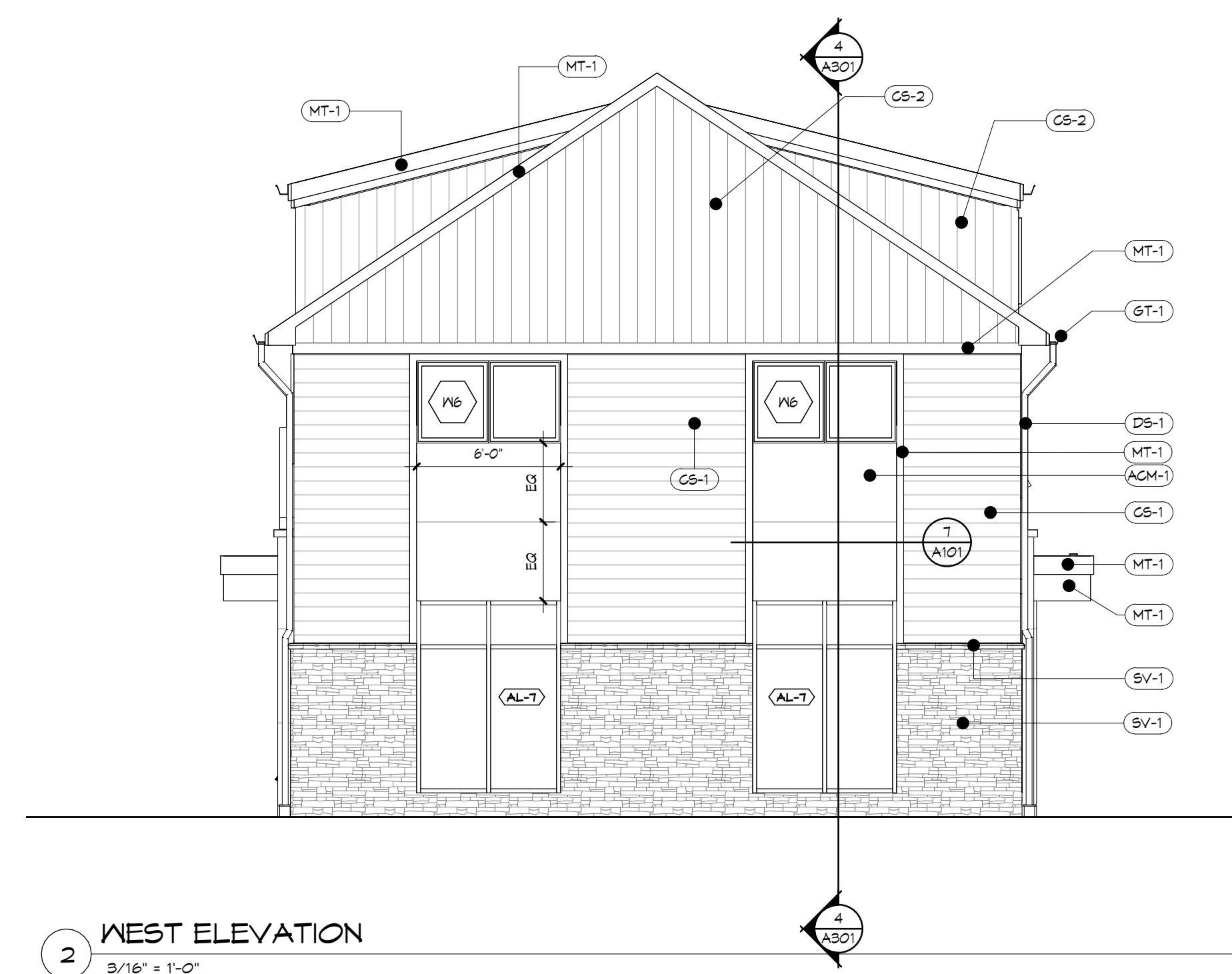
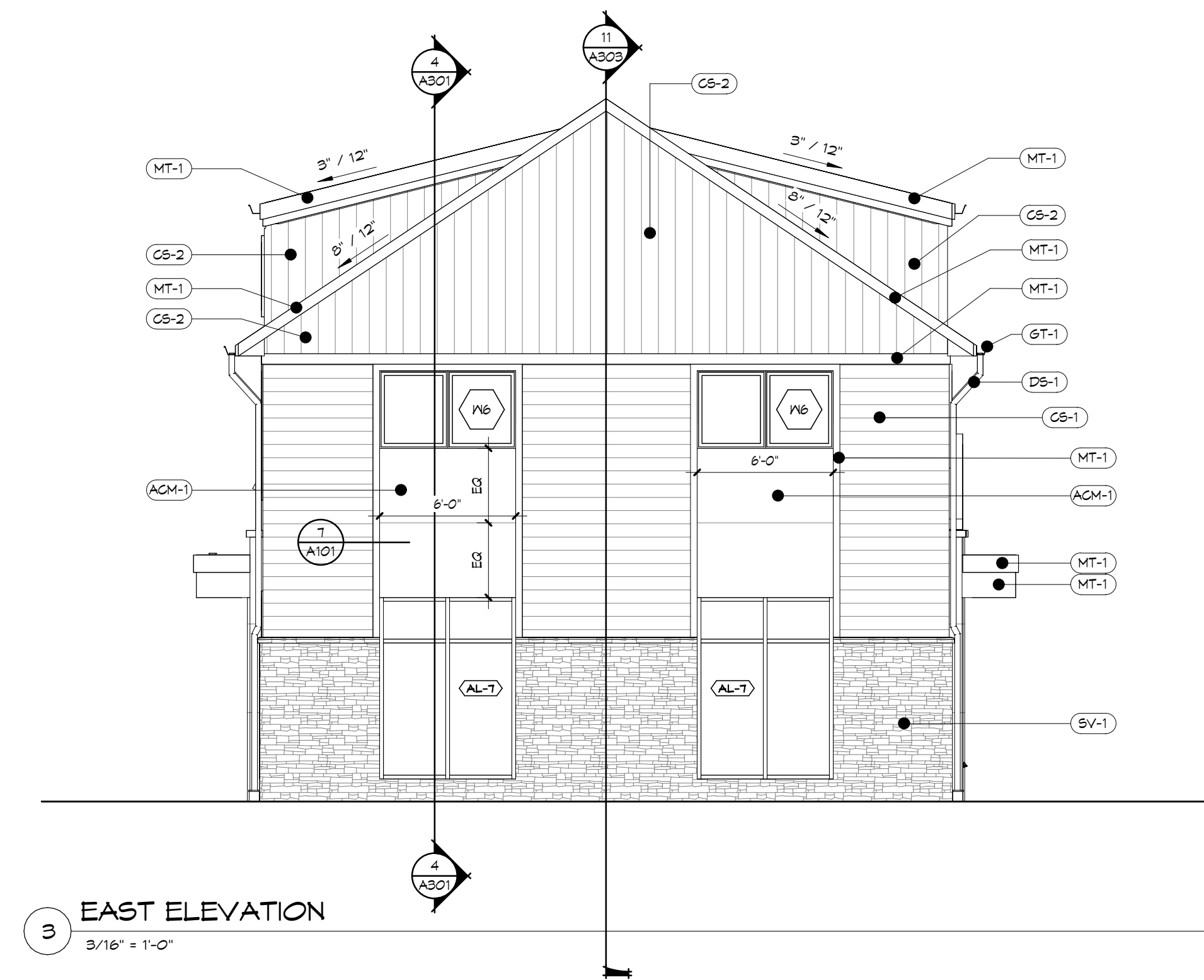


NOTE: SEE MECHANICAL AND ELECTRICAL DRAWINGS
FOR ALL MECHANICAL AND ELECTRICAL COMPONENTS

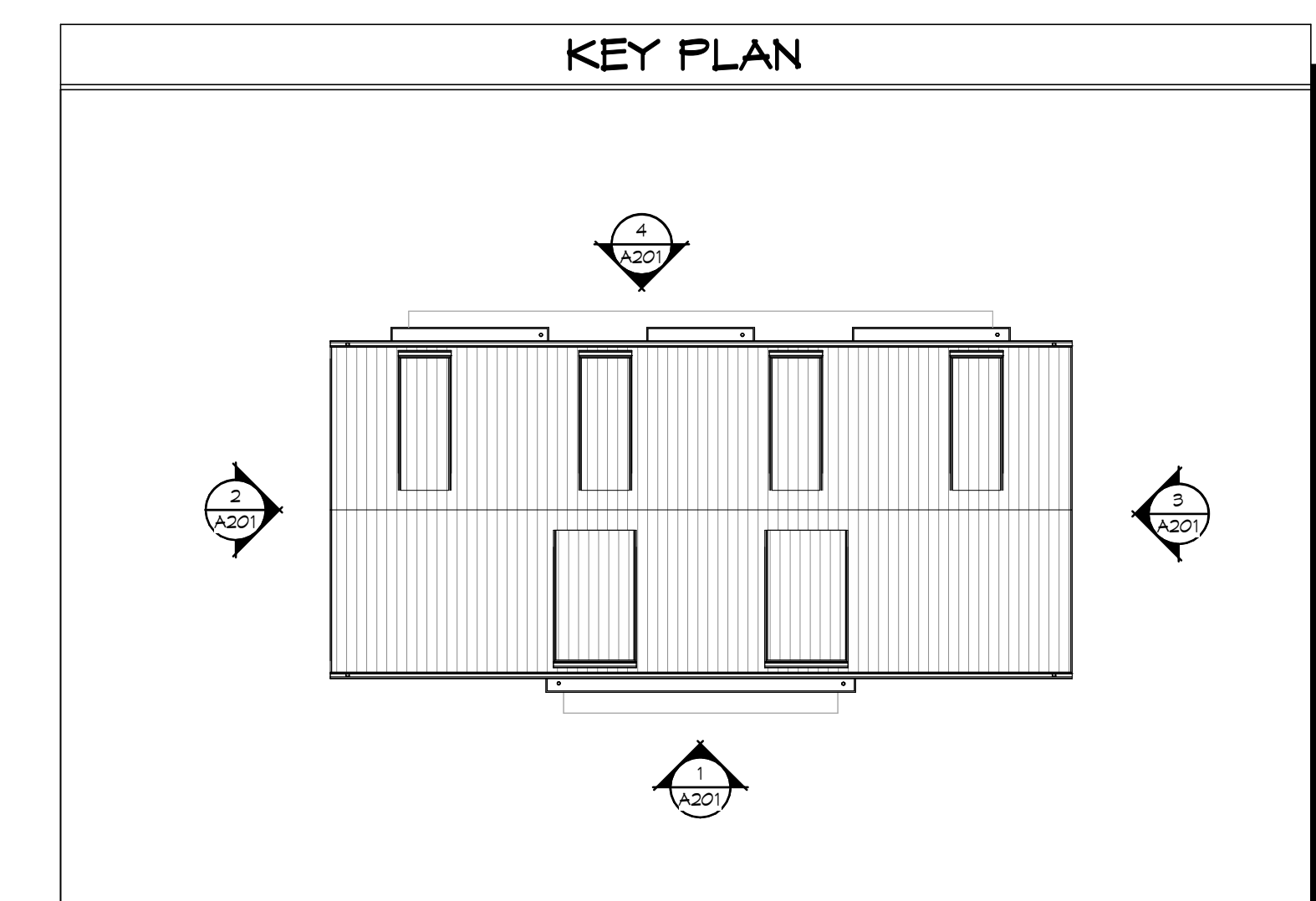
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BH JOB NO. 29-0

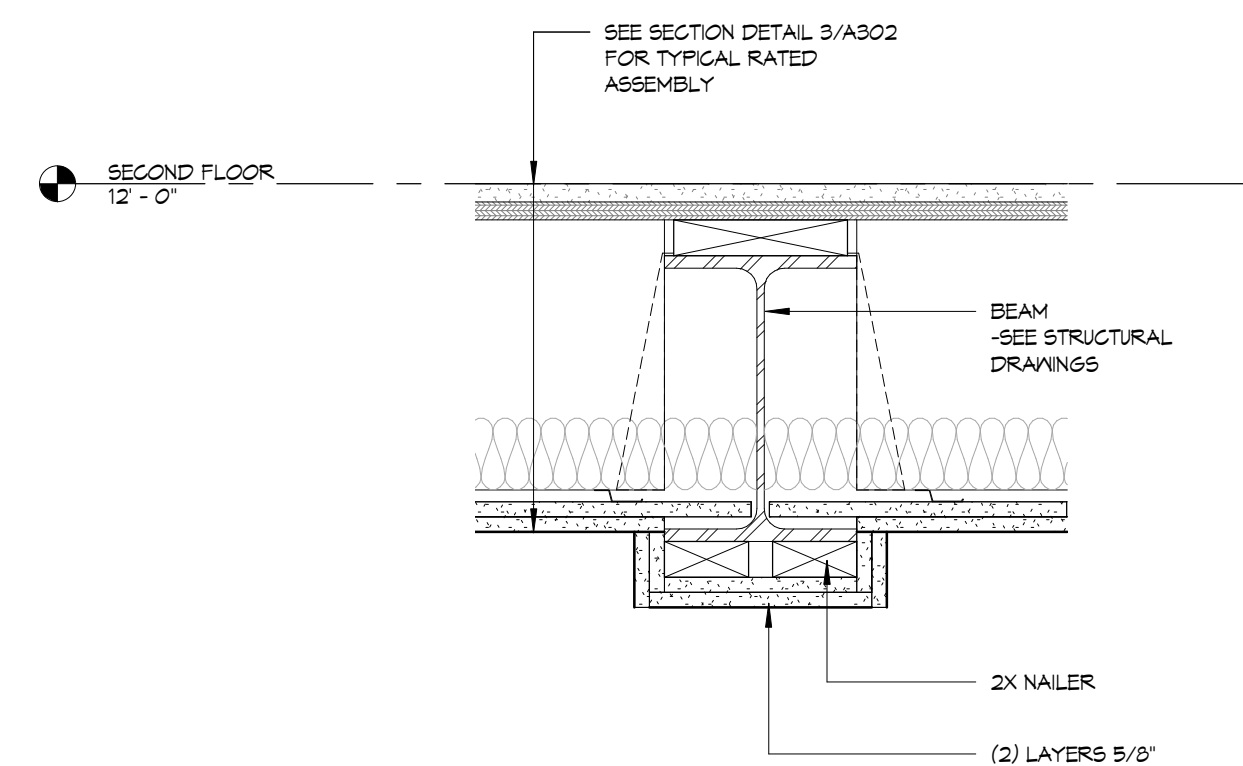
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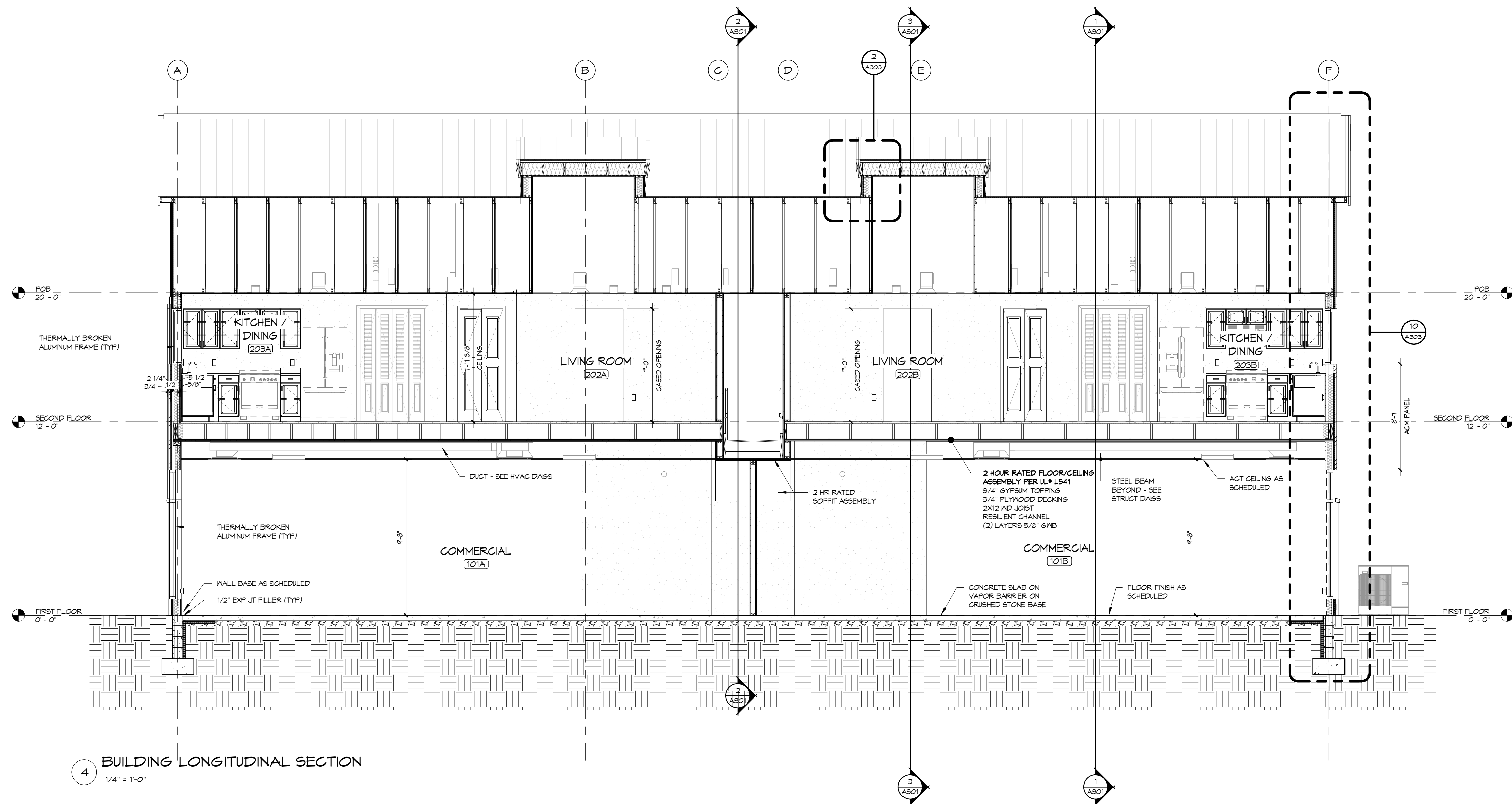
EXTERIOR FINISH/COMPONENT SCHEDULE						
		BASIS OF DESIGN				
MARK	COMPONENT	MATERIAL	MANUFACTURER	DESCRIPTION / MODEL / SIZE	COLOR/FINISH	REMARKS
ACH-1	ACH PANELS	ALUMINUM COMPOSITE MATERIAL	LAMINATORS INC.	CHESA-LITE PANELS	PVD/P - GLASS/ BRONZE	
CS-1	SIDING	COMPOSITE	EVERLAST	HORIZONTAL LAP SIDING - "T"	NATURAL WHITE	
CS-2	SIDING	COMPOSITE	EVERLAST	EVERLAST VERTICAL BOARD & BATTEN SIDING	NATURAL WHITE	
DS-1	DOWNSPOUT	PREFINISHED ALUMINUM	-	5" X 4" CORRUGATED - .032" THICK	MATCH ACH PANEL COLOR	
GT-1	GUTTER	PREFINISHED ALUMINUM	-	5" K-STYLE - SEAMLESS - .032" THICK	MATCH ACH PANEL COLOR	
MT-1	METAL TRM GLAZING	PREFINISHED ALUMINUM	-	.034" THICK	PVD/P - MATCH ACH PANEL COLOR	
SS-1	STANDING SEAM ROOF	STEEL XV GALVALUME	-	24 GAUGE STEEL - 16" WIDTH - STRATED PANEL PROFILE	PVD/P - DARK BRONZE	
SV-1	STONE VENEER	MANUFACTURED STONE VENEER - ADHERED	PROVIA	TERRA CUT	SLATE	
SVS-1	STONE VENEER SILL	MANUFACTURED STONE VENEER - ADHERED	PROVIA	TERRA CUT - MANUFACTURERS STANDARD SILL CAP	SLATE	
PT-1	TRIM	METAL WRAPPED WOOD	---	---	TBD	



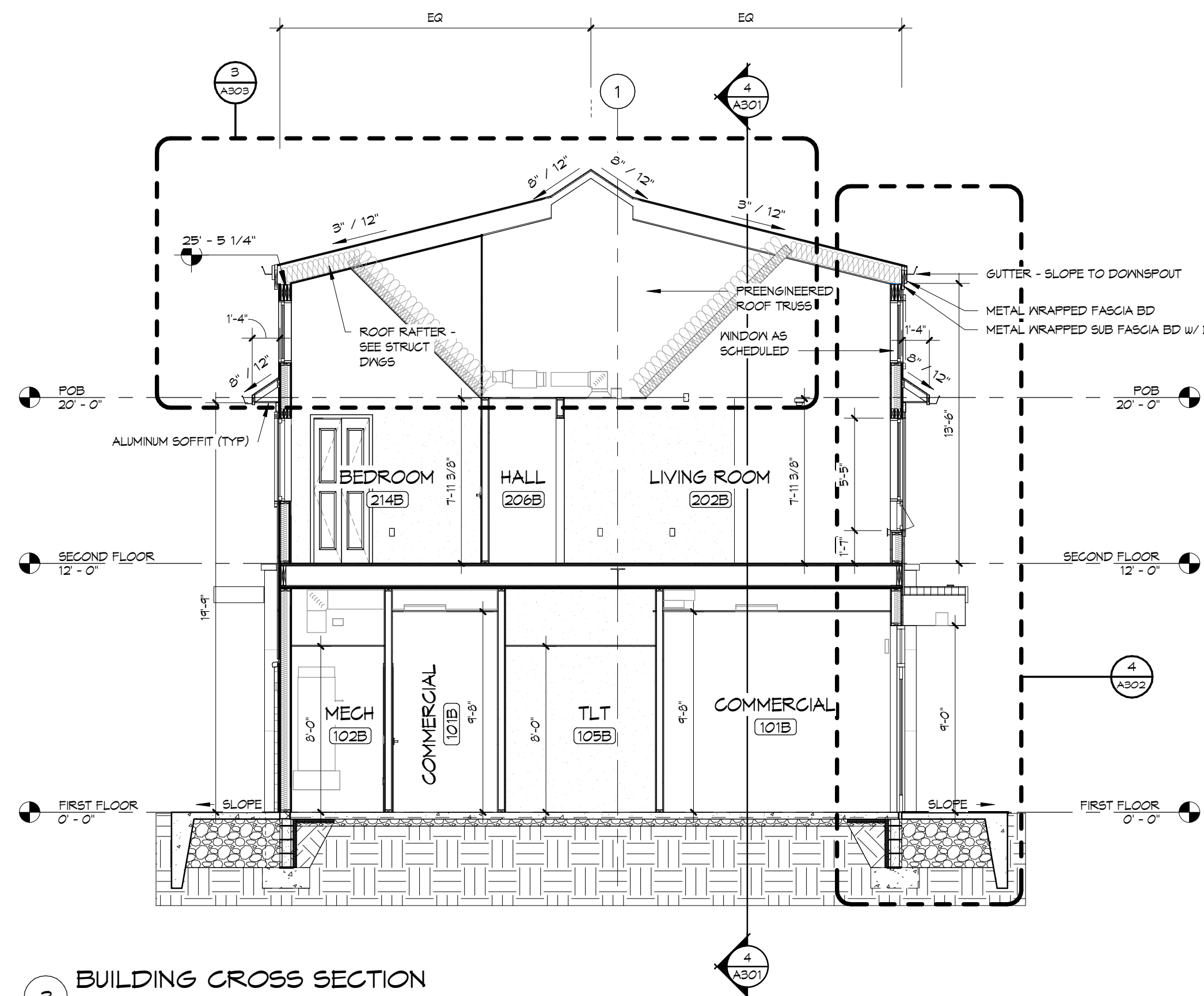
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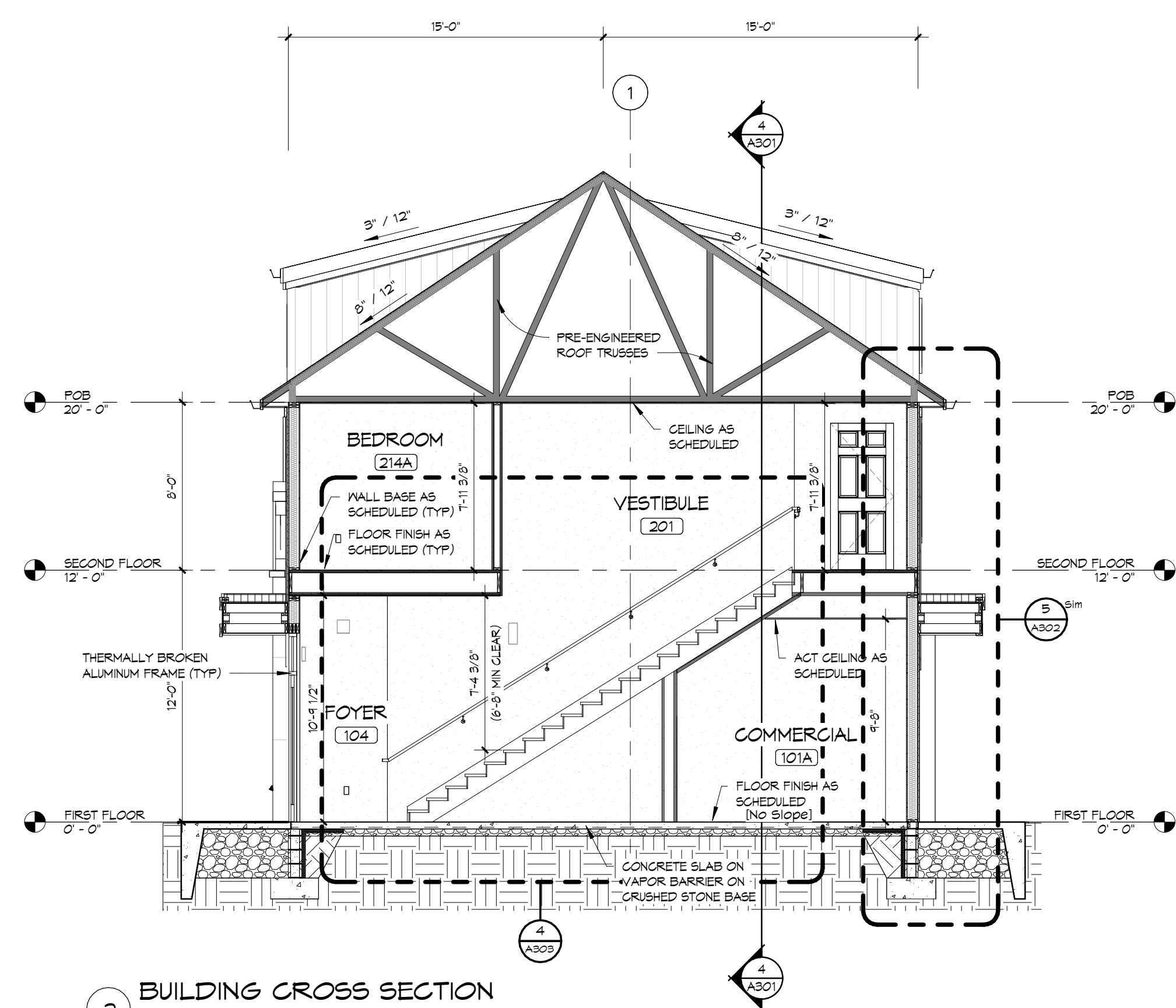
5 SECTION DETAIL - FLOOR BEAM WRAP
1 1/2" x 1'-0"



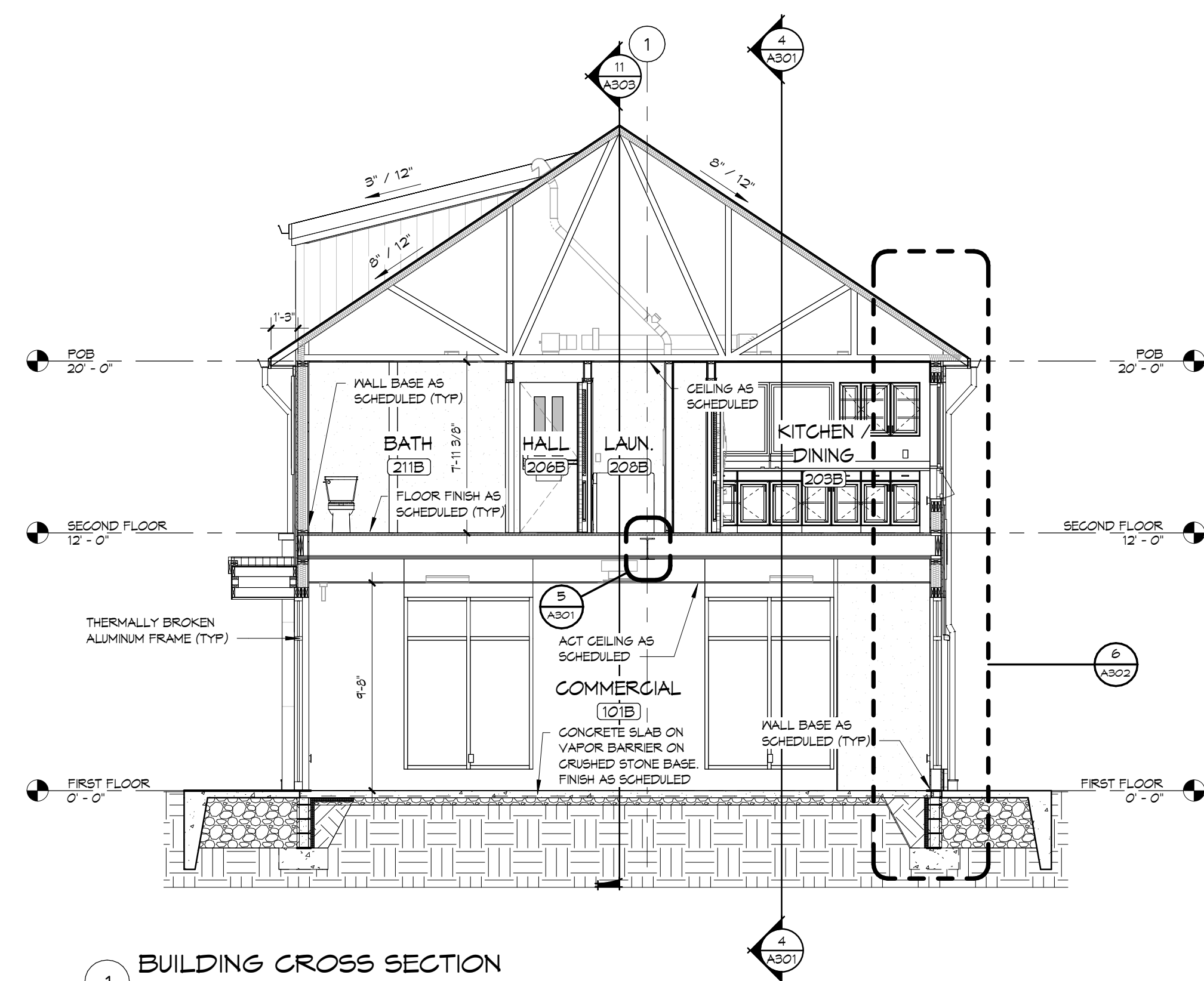
4 BUILDING LONGITUDINAL SECTION
1/4" x 1'-0"



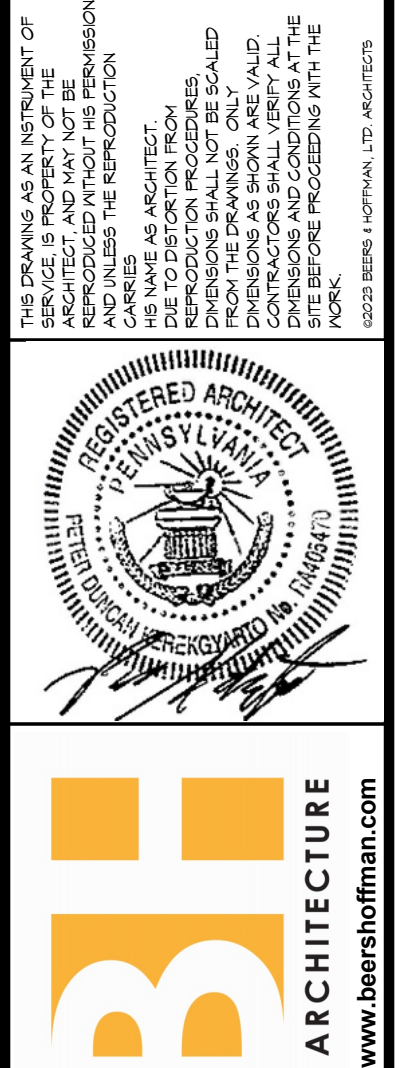
3 BUILDING CROSS SECTION
3/16" x 1'-0"



2 BUILDING CROSS SECTION
3/16" x 1'-0"



1 BUILDING CROSS SECTION
3/16" x 1'-0"



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BUILDING SECTIONS

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A301

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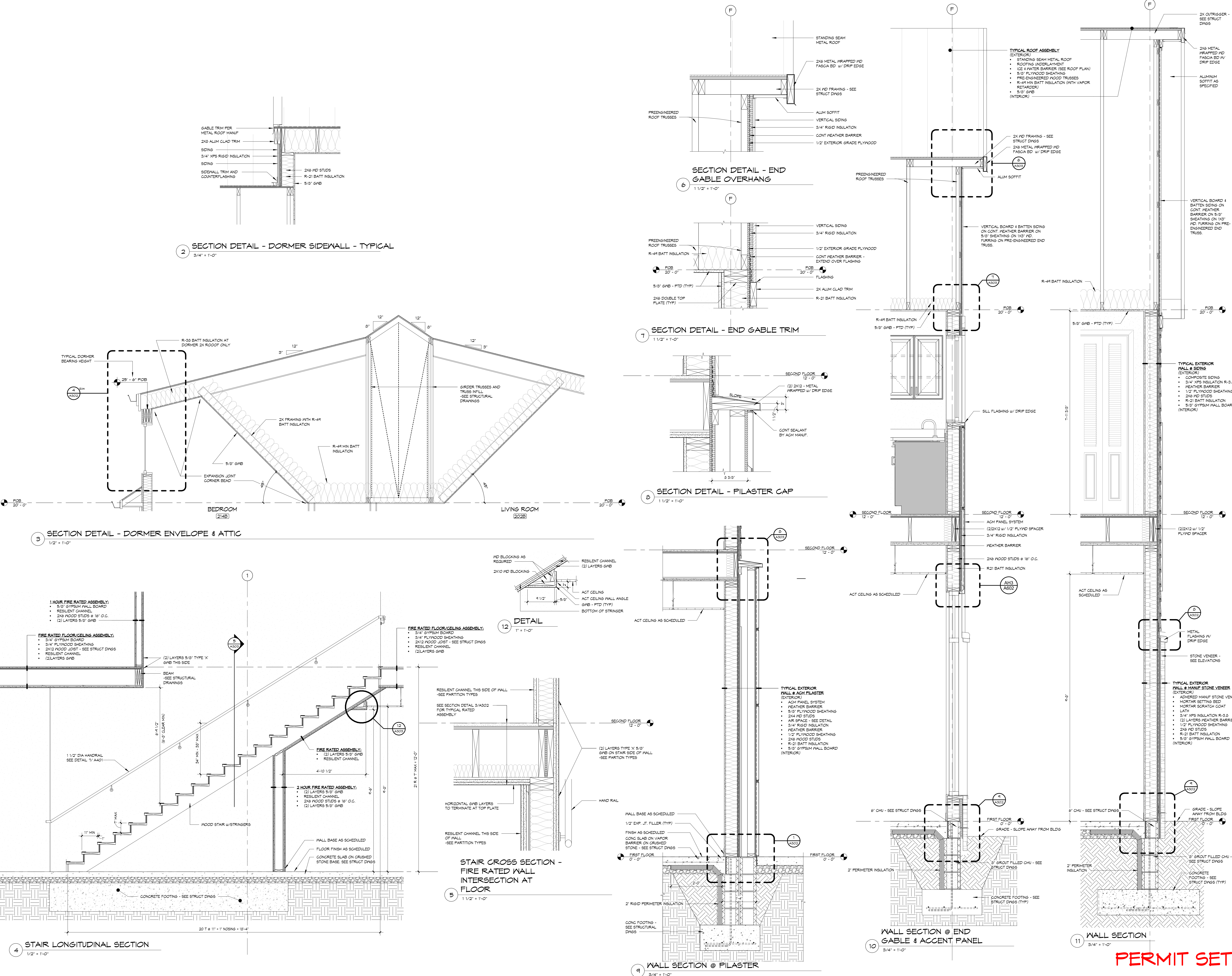
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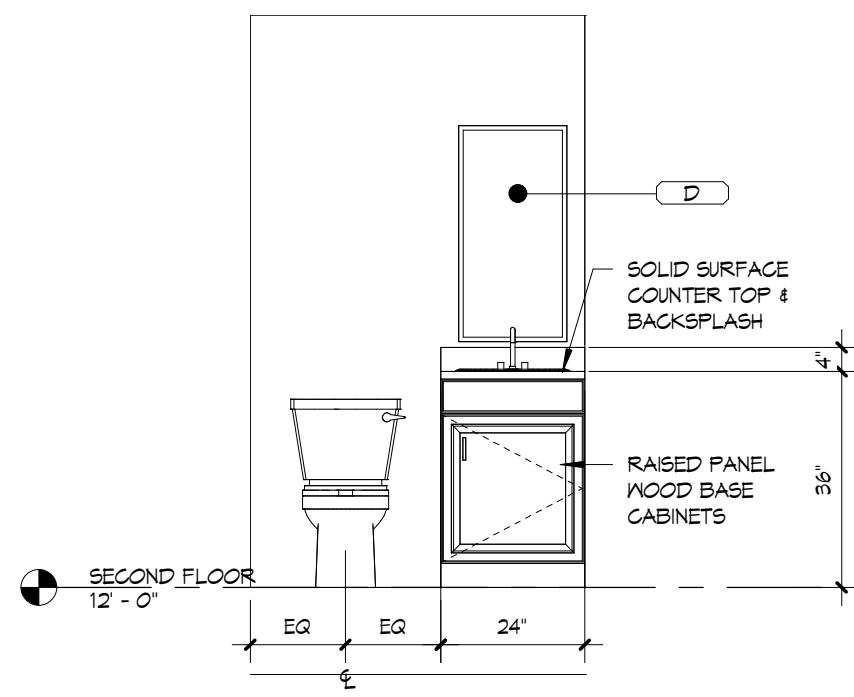
WALL SECTIONS,
DETAILS

Sheet Number:

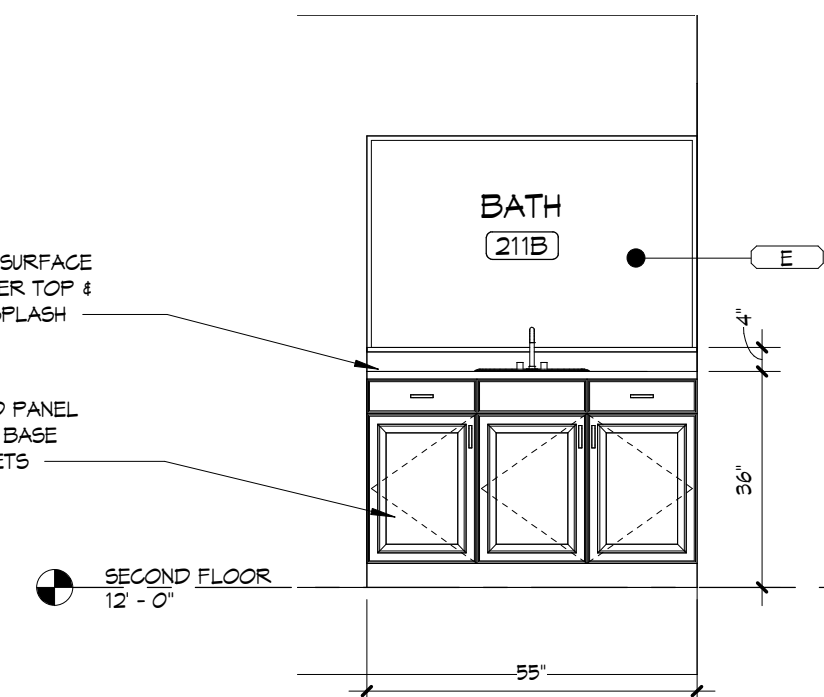
A303

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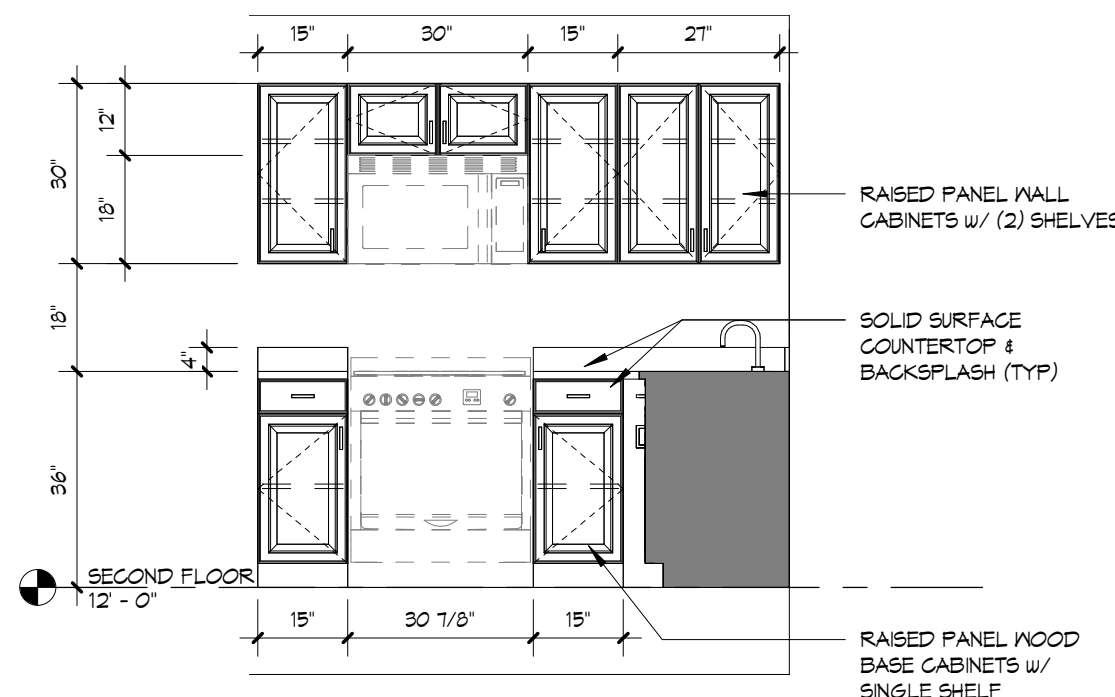
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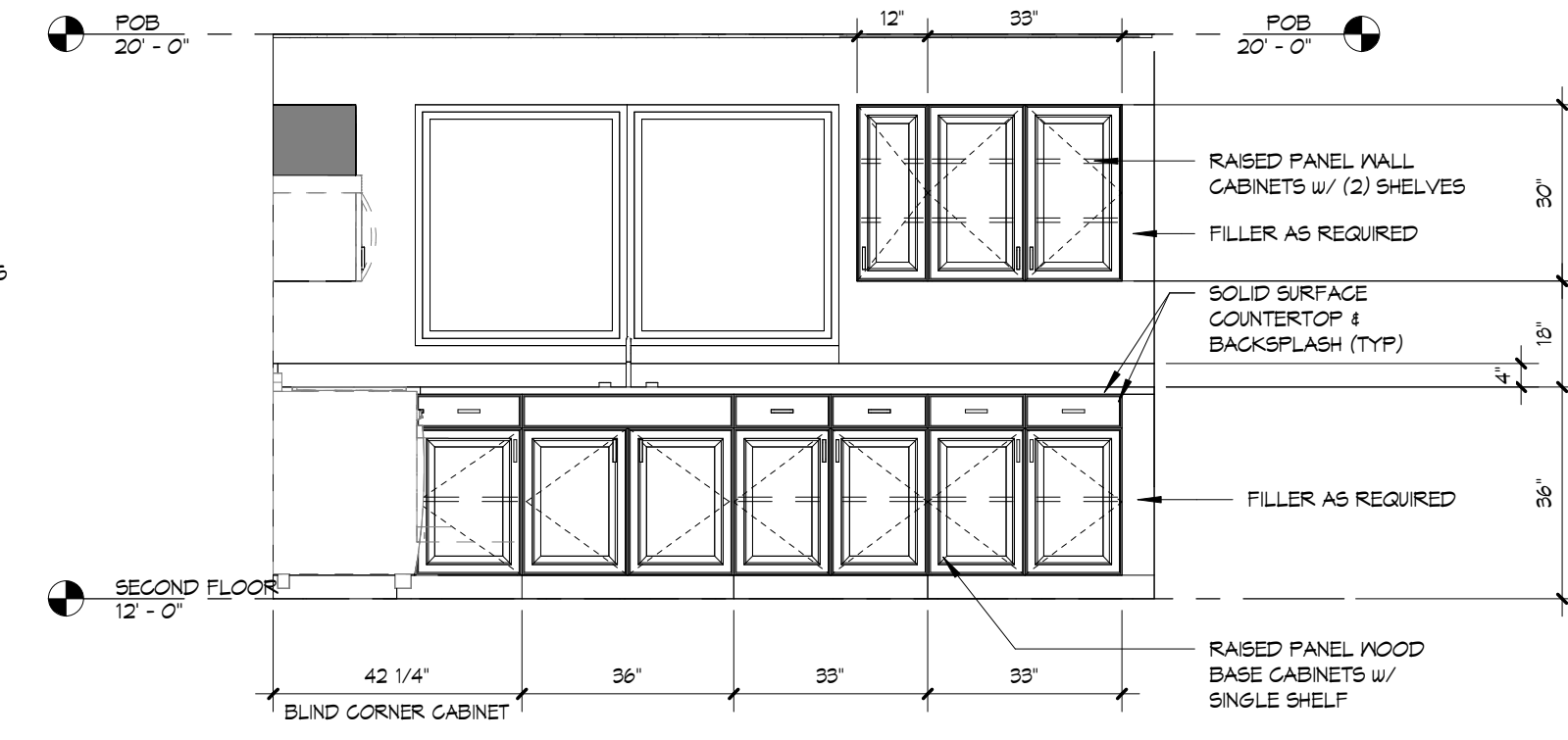
2 BATHROOM ELEVATION
3/8" = 1'-0"



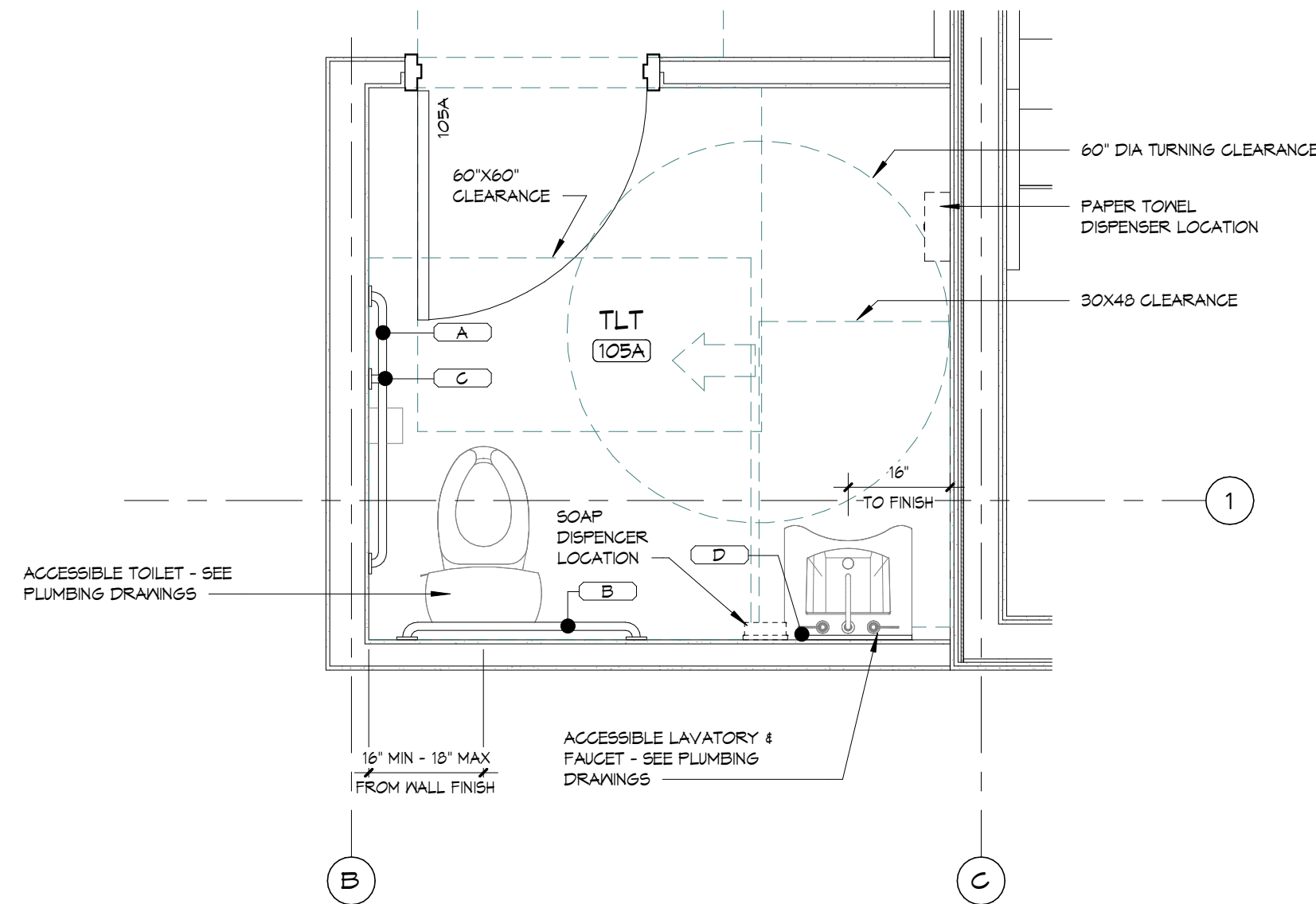
3 BATHROOM ELEVATION
3/8" = 1'-0"



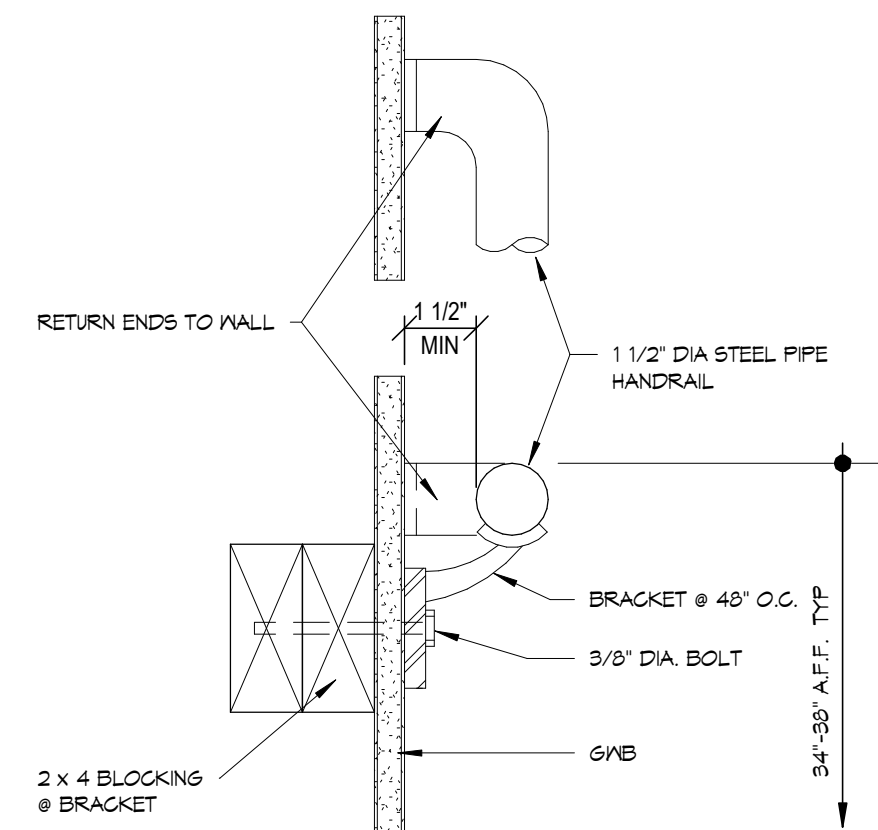
4 ELEVATION
3/8" = 1'-0"



5 ELEVATION
3/8" = 1'-0"



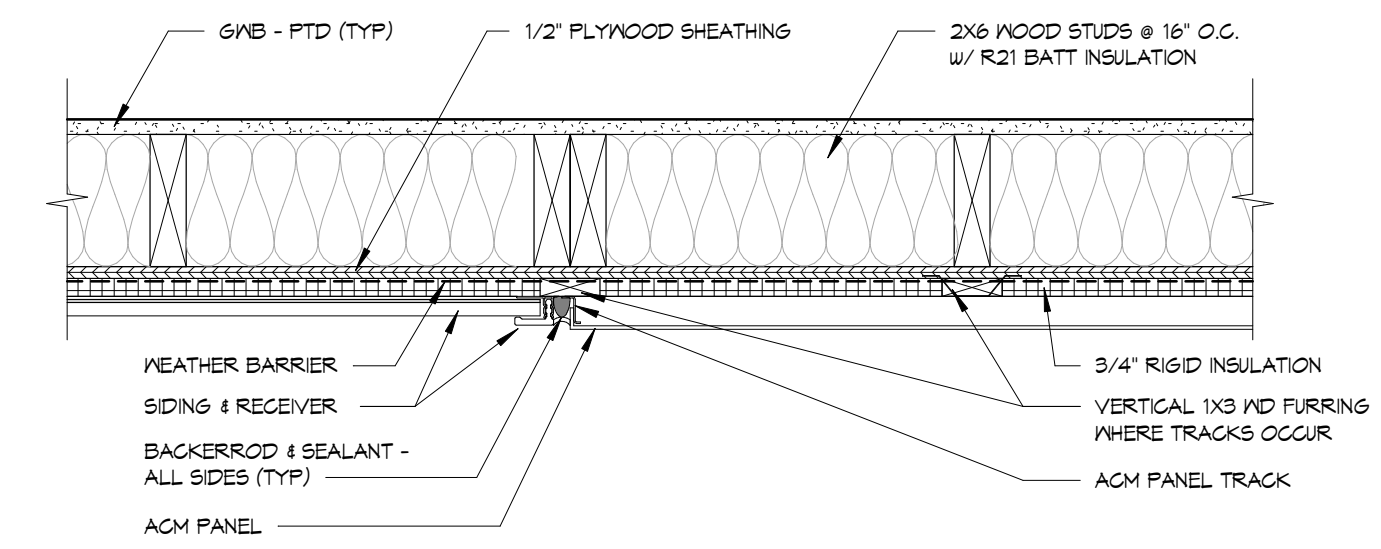
6 TOILET 105A
1/2" = 1'-0"



7 WALL MOUNTED HANDRAIL
3/8" = 1'-0"

TOILET ROOM ACCESSORIES	
Mark	Description
A	42" Long 1 1/4" Diameter Stainless Steel Grab Bar
B	36" Long 1 1/4" Diameter Stainless Steel Grab Bar
C	18" Long 1 1/4" Diameter Stainless Steel Grab Bar
D	12" x 36" Glass Mirror
E	36" x 36" Glass Mirror
ALL ACCESSORIES TO BE MOUNTED PER ICC/ANSI 117.1-2009 REQUIREMENTS	
1. CONTRACTORS SHALL FIELD-VERIFY ALL FIXTURES AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY, PRIOR TO COMMENCEMENT OF ANY WORK.	
2. FIXTURE SCHEDULE FOR REPRESENTATION ONLY. GC TO VERIFY ALL TOILET ROOM FIXTURES AND ACCESSORIES WITH PLUMBING CONTRACTOR AND OWNER PRIOR TO COMMENCEMENT OF WORK.	
3. GENERAL CONTRACTOR TO PROVIDE REQUIRED BLOCKING FOR ALL TOILET ROOM FIXTURES AND ACCESSORIES.	
4. ALL TOILET ACCESSORIES TO BE SELECTED BY OWNER AND PROVIDED BY GENERAL CONTRACTOR.	

GENERAL TOILET NOTES	
1. CONTINUE WALL FINISHES 6" ABOVE CEILING.	
2. PROVIDE BLOCKING CONCEALED IN WALL AT ALL GRAB BAR LOCATIONS.	
3. GRAB BARS, ACCESSORIES AND ANCHORAGE SHALL HAVE SUFFICIENT STRENGTH TO SUSTAIN A WEIGHT OF 250 POUNDS FOR 5 MINUTES.	
4. PROVIDE MOISTURE RESISTANT GYPSUM BOARD FOR ALL GYPSUM BOARD CONSTRUCTION IN WET AREAS, SUCH AS, BUT NOT LIMITED TO, TOILET & BATHING ROOMS, JANITORS' CLOSETS AND MOP SINK, LAUNDRY, DISHWASHING AREAS.	
5.	



8 DETAIL @ SIGNAGE ACM
1 1/2" = 1'-0"



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DETAILS,
ENLARGED
PLANS AND
INTERIOR
ELEVATIONS

Sheet Number:
A401

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PERMIT SET

Architectural drawings of window and door details for the second floor. The drawings show various window types: Picture Windows (PB), Picture Windows with Avings (PA), Casement Windows (PC), and Picture Windows with Avings (PD). Dimensions are provided for each detail, including overall width, height, and opening size. A note specifies that 3-1/2" manufacturer's flat exterior casings are to be used on all windows, with the exception of window 'PB', which matches window 'PB'. A section line A-A is indicated at the bottom right.

1. ALL UNIT WINDOWS TO BE ANDERSON 400 SERIES OR EQUAL.

- EXTERIOR FINISH TO BE DARK BRONZE
- INTERIOR FINISH COLOR TBD
- GLASS TO BE INSULATED, LOW-E4

2. ALL DIMENSIONS SHOWN FOR WINDOW UNITS ARE APPROXIMATE FRAME SIZES. VERIFY EXACT SIZES AND ROUGH OPENING DIMENSIONS WITH MANUFACTURER.

1. ALL STOREFRONT FRAMES TO BE YKK YES 45 TU (THERMALLY BROKEN), CENTER SET WITH DARK BRONZE ANODIZED FINISH OR EQUAL.
2. ALL GLAZING TO BE 1" INSULATED SOLARBAN 60 BY VITRO OR EQUAL.
3. TINTED GLAZING TO BE "OPTIGRAY" BY VITRO OR EQUAL.
4. ALL DIMENSIONS SHOWN FOR ALUMINUM STOREFRONT FRAMES ARE ROUGH OPENING DIMENSIONS. EXACT FRAME SIZE TO BE COORDINATED WITH ALUMINUM FRAMING CONTRACTOR.

DOOR MATERIAL		FRAME MATERIAL		RATINGS	FINISHES
HM	HOLLOW METAL	HM	HOLLOW METAL	20 30 MINUTES	PF1 SITE APPLIED PAINT OVER FACTORY PRIME
M	INSULATED METAL	M	INSULATED METAL	45 45 MINUTES	PF2 SITE APPLIED PAINT OVER FACTORY GALVANIZED
AL	ALUMINUM	AL	ALUMINUM	60 60 MINUTES	PF3 SITE APPLIED STAIN
ST	STEEL	ND	STAIN-GRACE WOOD	90 90 MINUTES	PF1 FACTORY STAIN
ND	STAIN-GRACE WOOD	ND	STAIN-GRACE WOOD		PF2 FACTORY PAINT
PVD	PANT-GRADE WOOD	PVD	PANT-GRADE WOOD	GLASS:	PF3 GALVANIZED
H	HOLLOW CORE	LUM	LAMBER	FS FREE RATED SAFETY GLAZING	PF4 ANODIZED COATING
SC	SOLID CORE			FS INSULATED SAFETY GLAZING	
				ST INSULATED SAFETY GLAZING WITH TINT	
				VS SINGLE SAFETY GLAZING	
				IV INSULATED VISION GLAZING	
				VT INSULATED VISION GLAZING WITH TINT	
				BV SINGLE VISION GLAZING	

The diagram illustrates six window configurations with their respective dimensions:

- F (Flush):** A simple rectangular window.
- S (Half Glass):** A window with a central glass pane. Dimensions include a top section of B' , a central glass section of B' , and a bottom section of B' . The total height is labeled $B'-T'$ MAX TO GLASS.
- FG (Full Glass):** A window with a central glass pane. Dimensions include a top section of $4 \frac{1}{2}"$, a central glass section of $4 \frac{1}{2}"$, and a bottom section of B' . The total height is labeled $4 \frac{1}{2}"$.
- P (6 Panel):** A window divided into six rectangular panels in a 2x3 grid.
- 2P (2 Panel):** A window divided into two rectangular panels in a 2x1 grid.
- P2 (2 Panel):** A window divided into two rectangular panels in a 2x1 grid, with diagonal lines indicating a different configuration or detail.

Technical drawings of three door profiles: HM1, HM2, and MP1. Each drawing shows a side view of the door with dimensions. HM1 and HM2 have a height of 2' and a width of 2'. MP1 has a height of 3 1/2' and a width of 3 1/2'. All three have a "SEE SCHEDULE" label. The drawings are labeled HM1, HM2, and MP1 below them.

DH1

SEE WALL TYPE CONSTRUCTION

WOOD TRIM EACH SIDE -PAINTED

1X TRIM -PAINTED

DOOR - SEE SCHEDULE

DH2

VARIABLES

SEE WALL TYPE CONSTRUCTION

LOAD BEARING HEADER SEE STRUCTURAL DWGS.

CAULK EACH SIDE

NEW HM DOOR FRAME (PAINTED)

DOOR - SEE SCHEDULE

DH3

VARIABLES

SEE WALL TYPE CONSTRUCTION

NON-LOAD BEARING HEADER SEE STRUCTURAL DWGS.

CAULK EACH SIDE

NEW HM DOOR FRAME (PAINTED)

DOOR - SEE SCHEDULE

DJ1

DOUBLE STUD AT JAMB

SEE WALL TYPE

WOOD TRIM EACH SIDE -PAINTED

DOOR - SEE SCHEDULE

1X TRIM -PAINTED

DJ2

NEW HM DOOR FRAME 1X (3) ANCHORS PER JAMB

CAULK EACH SIDE

SEE WALL TYPE CONSTRUCTION

DBL STUD @ JAMB

DOOR - SEE SCHEDULE

NOTE: WHERE RATED WALL OCCURS - G/WB TO BE TYPE X G/WB

DOOR NOTES

DIMENSIONAL:
HOLLOW METAL DOORS TO HAVE 3/4" UNDERLUT UNLESS NOT OTHERWISE
NOTED. 15" OF 1/4" RISE OF FINISH FLOOR TO BE BELOW BOTTOM EDGE
OF DOOR TO HAVE A 3/4" UNDERLUT UNLESS NOT OTHERWISE
NOTED. BOTTOM 18" OF RISE OF FINISH FLOOR TO BE BELOW BOTTOM PLANE
BOTTOM EDGE OF VISION LITES TO BE NO HIGHER THAN 43" ABOVE FINISHED FLOOR.
HOLLOW METAL FRAMES TO HAVE A 2" FACE UNLESS NOT OTHERWISE
NOTED.

CONSTRUCTION:
HOLLOW METAL DOORS TO HAVE HEADS CAPED FLUSH WITH TOP EDGE
HOLLOW METAL DOOR FACES TO BE SEAMLESS 10 GA. STRETCHER LEAD STEEL.
HOLLOW METAL DOOR FACES TO BE 16 GA. WITH 4 GA. REINFORCEMENT.
HOLLOW METAL FRAMES TO BE 16 GA. WITH 4 GA. REINFORCEMENT.
HOLLOW METAL FRAME IN MASONRY OPENINGS - CORNERS TO BE ANCHORED UNLESS NOT OTHERWISE
NOTED. HOLLOW METAL FRAMES TO BE 16 GA. WITH 4 GA. REINFORCEMENT.
HOLLOW METAL FRAMES TO BE 16 GA. WITH 4 GA. REINFORCEMENT.
ALL EXTERIOR METAL DOORS AND FRAMES TO BE GALVANNEZ UNLESS NOT OTHERWISE
NOTED. HOLLOW METAL FRAMES TO BE 16 GA. WITH 4 GA. REINFORCEMENT.
HOLLOW METAL FRAMES TO BE 16 GA. WITH 4 GA. REINFORCEMENT.
SINGLE RABBIT, DOUBLE FRAMES, DOUBLE ANCHORS/GASES

INSTALLATION:
DOOR SWINGS TO MATCH INDICATION ON PLANS.
PROVIDE A MINIMUM OF 4" FROM PERPENDICULAR PARTITION TO FACE OF BACKBEND.
PROVIDE A MINIMUM OF 18" FROM PERPENDICULAR PARTITION TO DOOR EDGE, PULL SIDE.
PROVIDE A MINIMUM OF 12" CLEAR TO LATCH FROM PERPENDICULAR PARTITION TO DOOR EDGE, PUSH SIDE.
PLAN DIMENSIONS ARE LOCATING THE OUTSIDE OF THE FRAME.

HARDWARE:
ALL EXTERIOR DOORS TO BE WEATHER-STRIPPED.
ALL RATED DOORS TO HAVE SMOKE SEALS.
DOOR HANDLES SHALL BE THE LEVER TYPE AND MEET ANSI 404.2.6. ON FLOOR
HARDWARE LOCATIONS AND REINFORCEMENT TO BE PER SDI.

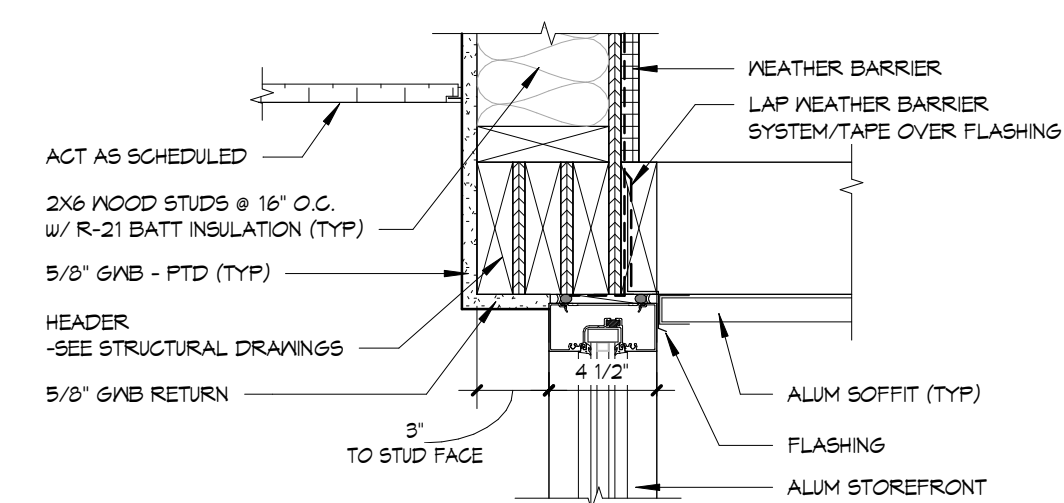
HOLLOW METAL FRAMES ARE TO BE 5-3/4" DEEP UNLESS NOTED OTHERWISE.
ALUMINUM FRAMES ARE TO BE 4-1/2" DEEP UNLESS NOTED OTHERWISE.
WOOD FRAMES ARE TO BE 5" DEEP UNLESS NOTED OTHERWISE.
STEEL FRAMES ARE TO BE C12 x 20.7 CHANNELS UNLESS NOTED OTHERWISE.

1. ANY MODIFICATION AND/OR CHANGES TO FINISH SELECTIONS MUST BE SUBMITTED TO ARCHITECT FOR APPROVAL.
2. CONTRACTOR TO FOLLOW ALL MANUFACTURERS WRITTEN SPECIFICATIONS AND PROCEDURE.
3. PROVIDE TRANSITION STRIP AT ALL FLOORING MATERIALS AND TRANSITIONS; IE, CERAMIC TILE TO CARPET, SHEET VINYL TO CARPET, ETC. PROFILE MINIMAL AS POSSIBLE, FINISHED TO MATCH FLOORING.
4. PROVIDE TRANSITION STRIP AT DOORS, PROVIDE TRANSITION STRIP AS APPLICABLE AND CENTER UNDER DOOR IN CLOSED POSITION.
5. ALL ACCESS PANELS, ELECTRICAL PANELS AND/OR MECHANICAL GRILLES THAT OCCUR IN WALLS, SHALL BE FINISHED TO MATCH ADJACENT WALLS. PROVIDE FINISH GROTTON GRILLES IN WALLS THAT HAVE A FINISH OTHER THAN PAINT, SUCH AS VINYL, WALL COVERINGS, ETC.
6. COORDINATE LOCATION AND QUANTITY OF COUNTER GRIDDINGS ON SITE. GRIDDINGS SHALL BE 5" PLACING TO MATCH COUNTERS. CONTRACTOR TO SUBMIT SUBMITTAL FOR APPROVAL, UNLESS NOTED OTHERWISE.
7. ALL CABINETS SHALL BE FINISHED ON ALL EXPOSED SURFACES WITH FINISHED INTERIORS, UNLESS NOTED OTHERWISE.

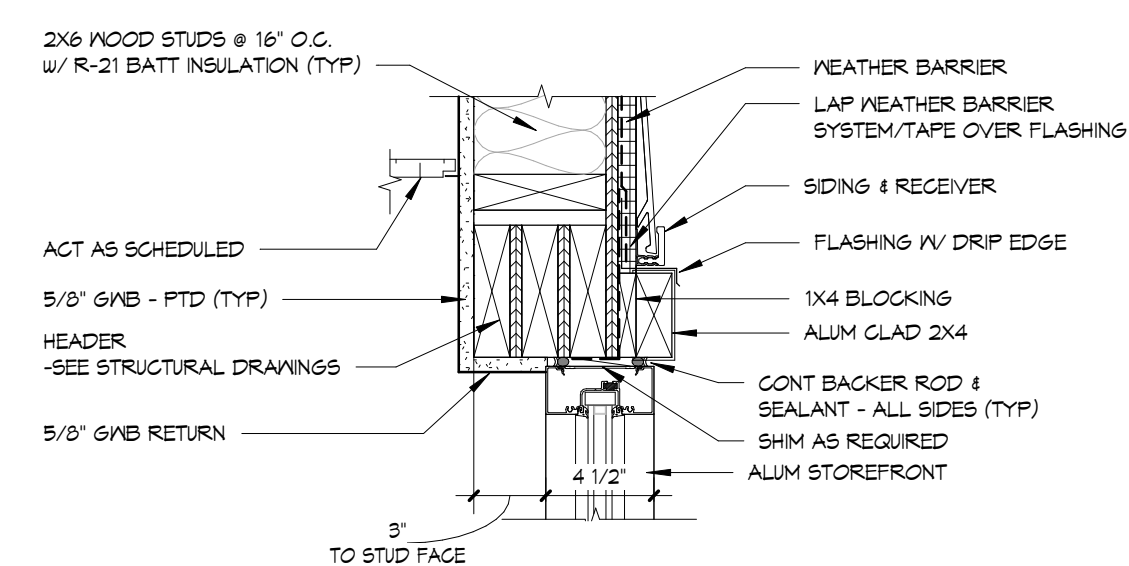
E MAIN ST & N OAK ST
LITITZ, PA 17543

DOOR AND
WINDOW SCHED,
FINISH SCHEDULE

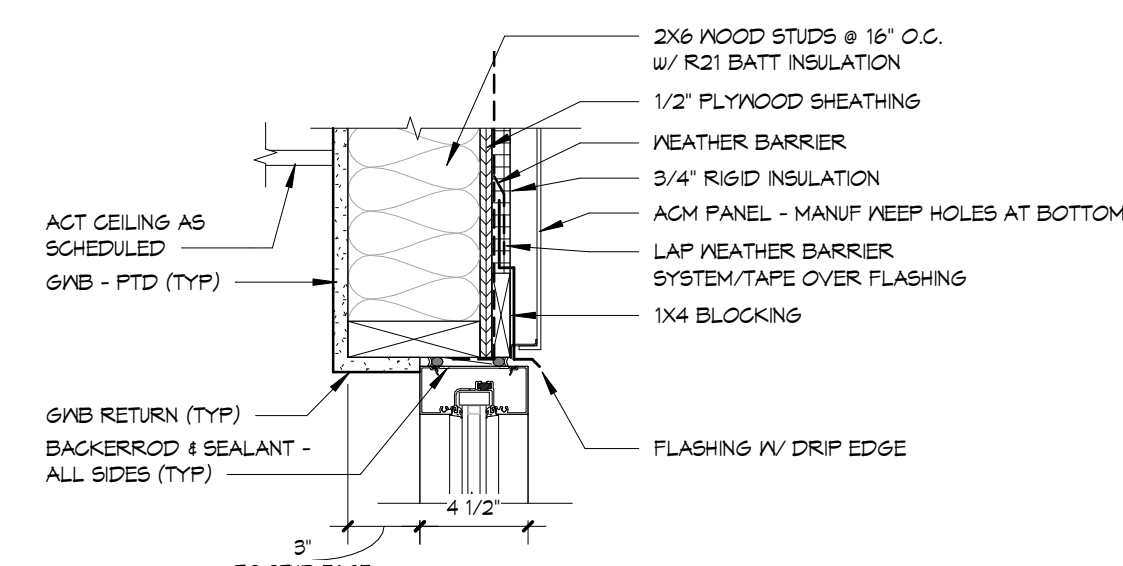
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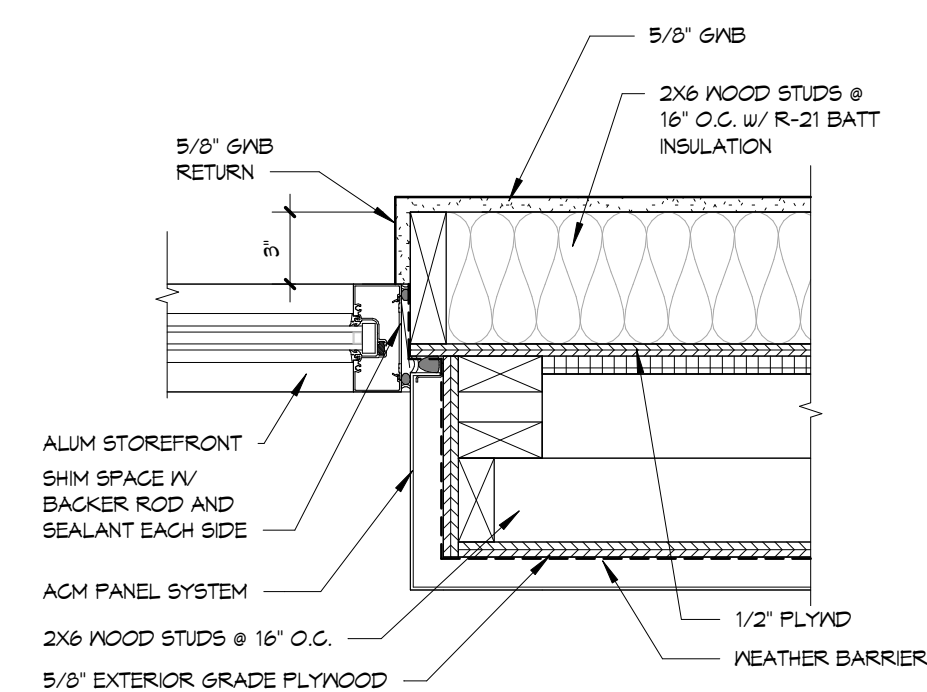
HEAD @ STORERONT & CANOPY
1 1/2" = 1'-0"



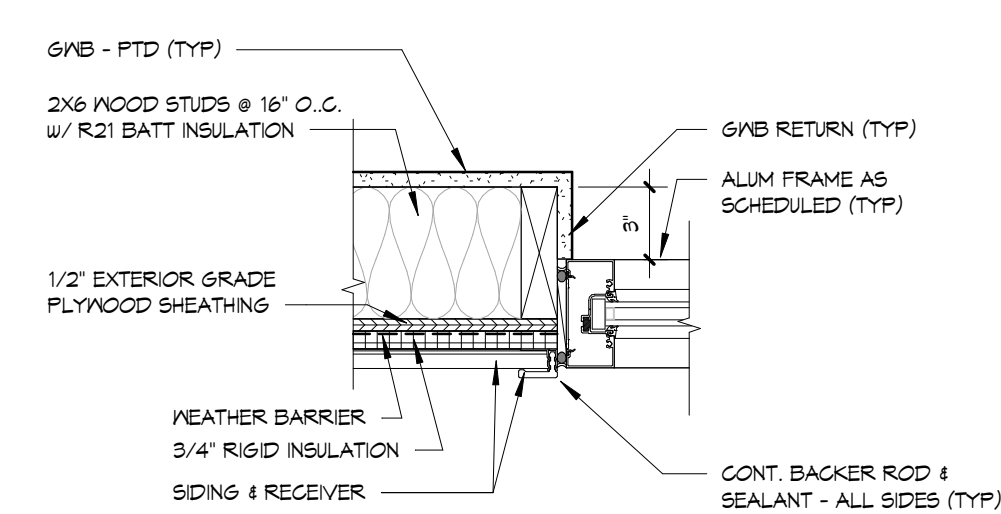
HEAD @ ALUM WINDOW &
SIDING
AH2 1 1/2" = 1'-0"



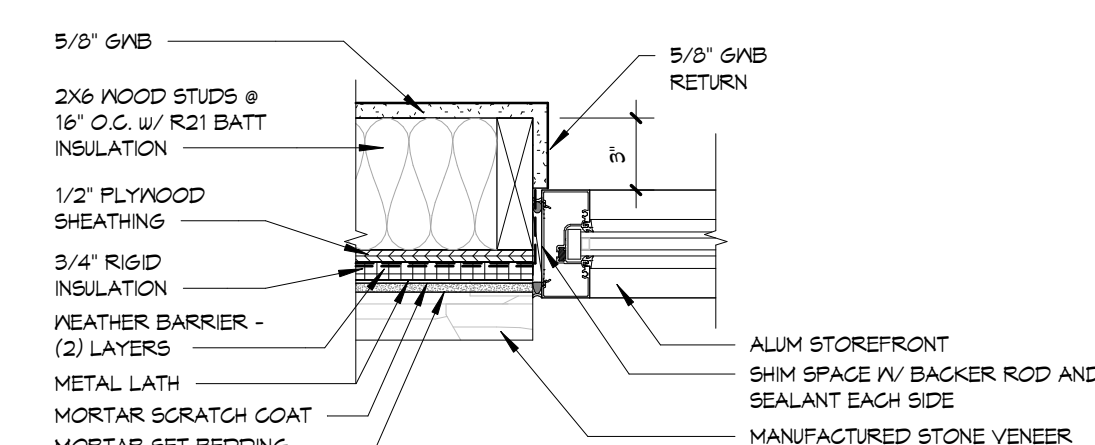
HEAD @ ALUM WINDOW & ACM



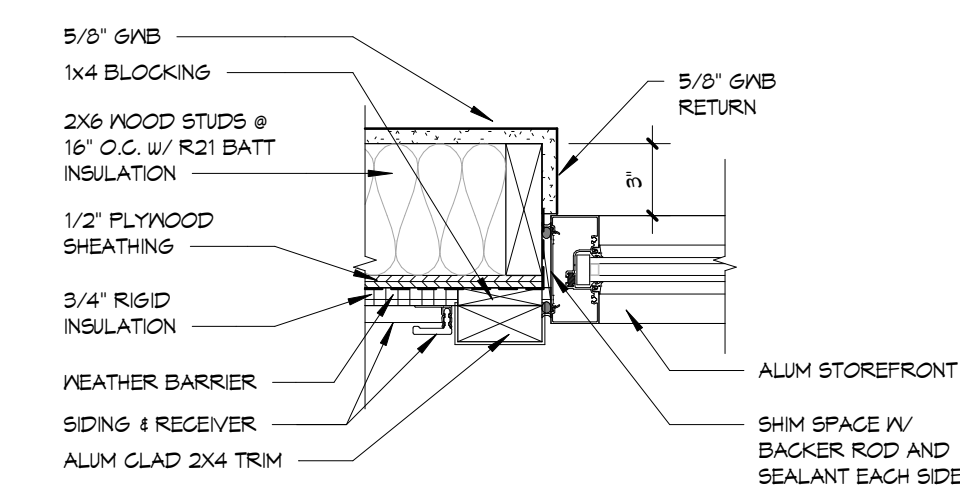
JAMB @ STOREFRONT & ACM PANEL
1 1/2" = 1'-0"



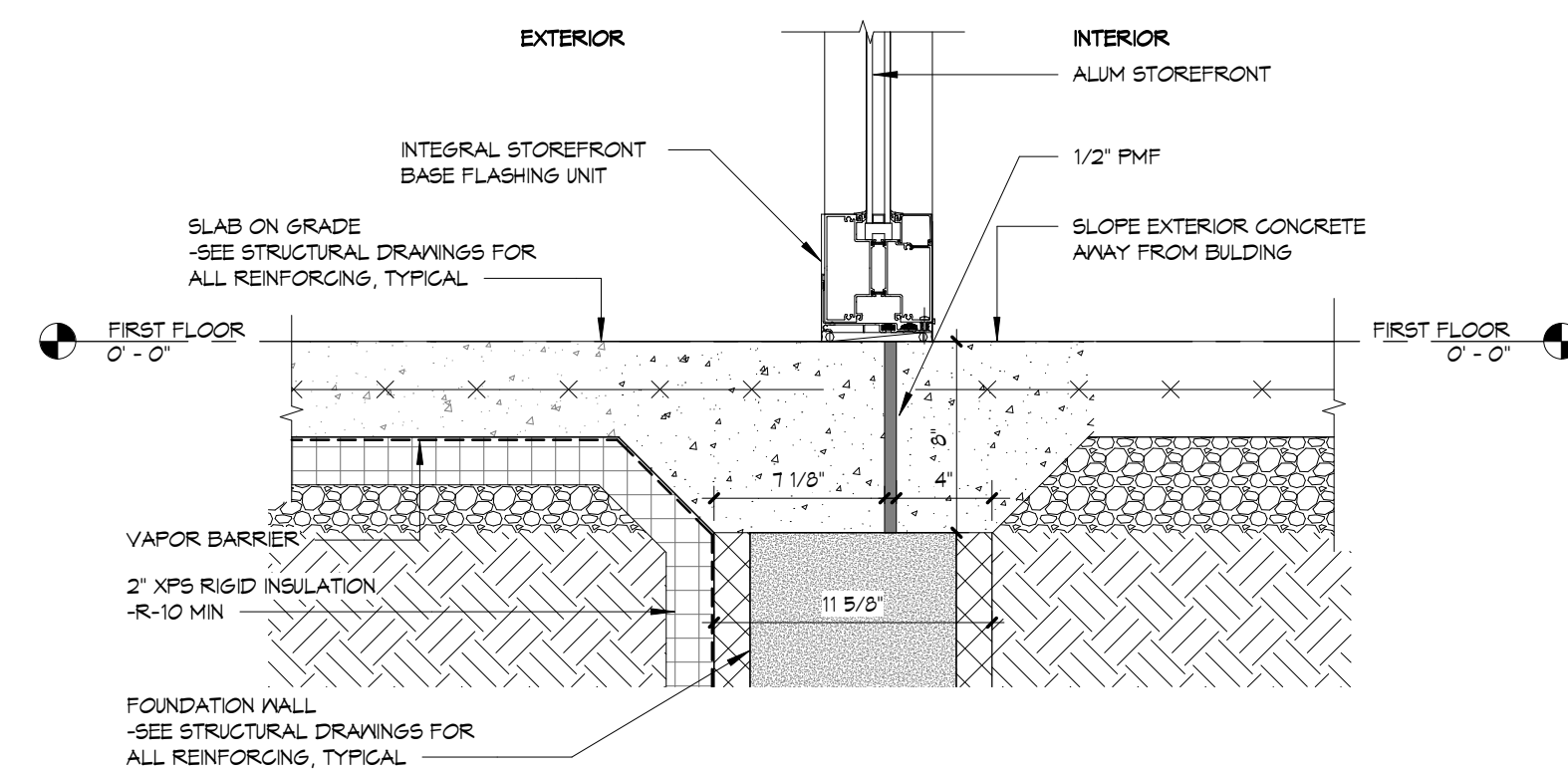
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SIDING
AJ2 1 1/2" = 1'-0"



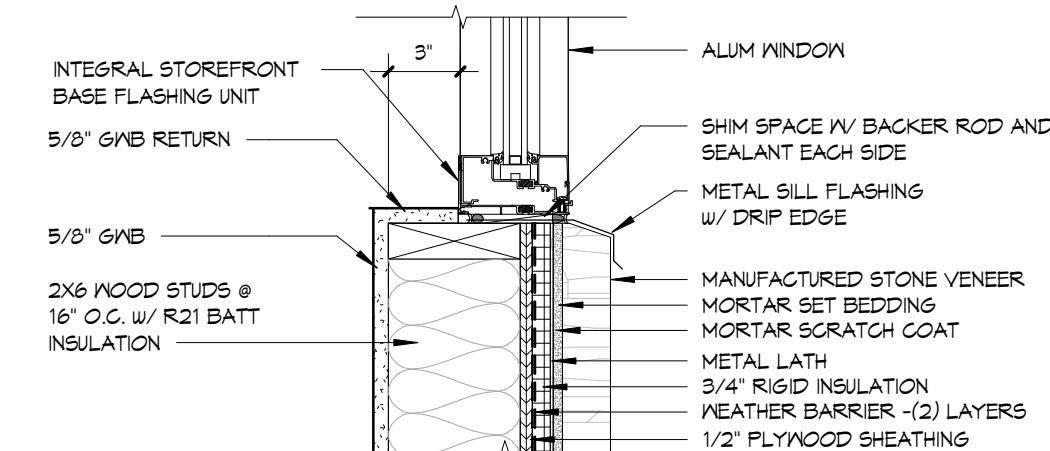
**JAMB @ STOREFRONT &
CAST STONE**



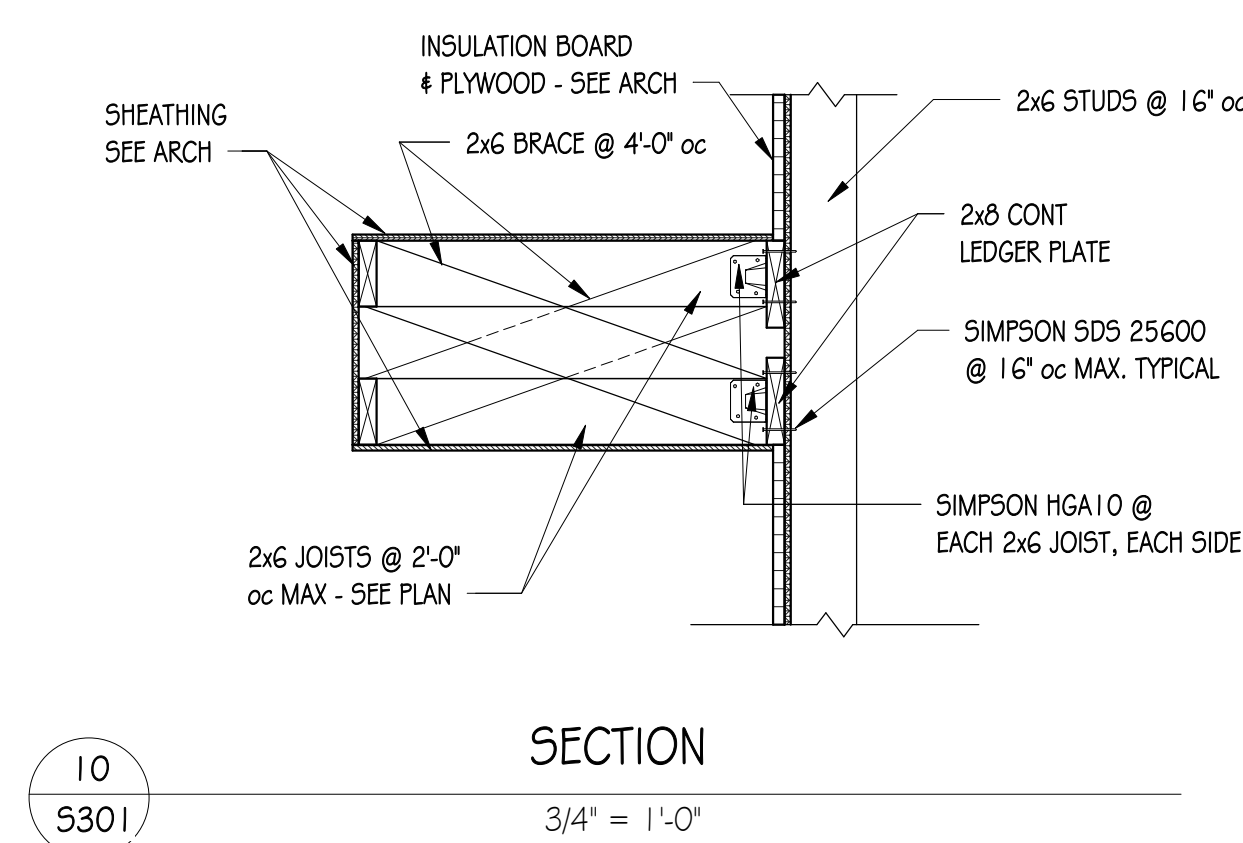
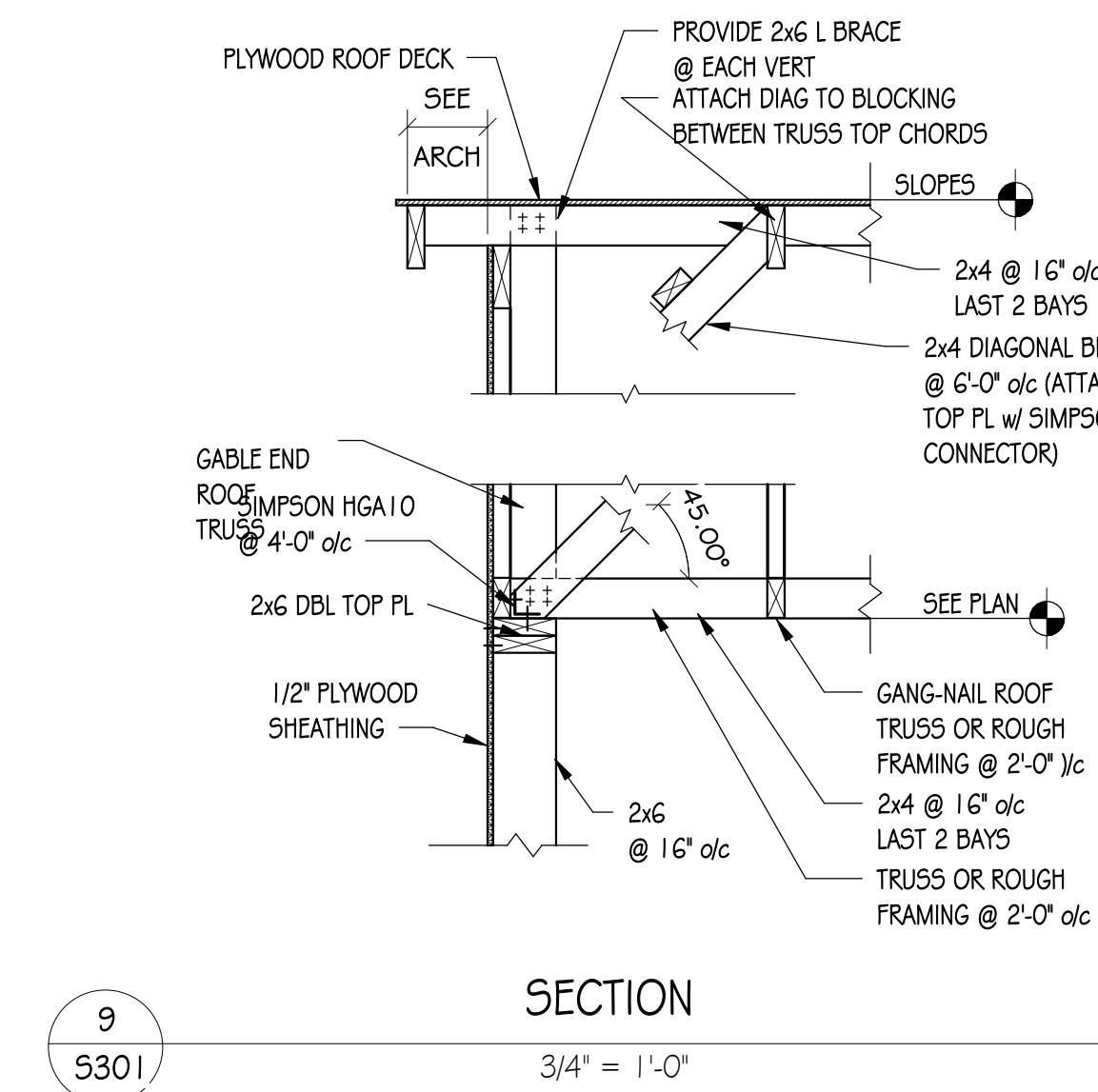
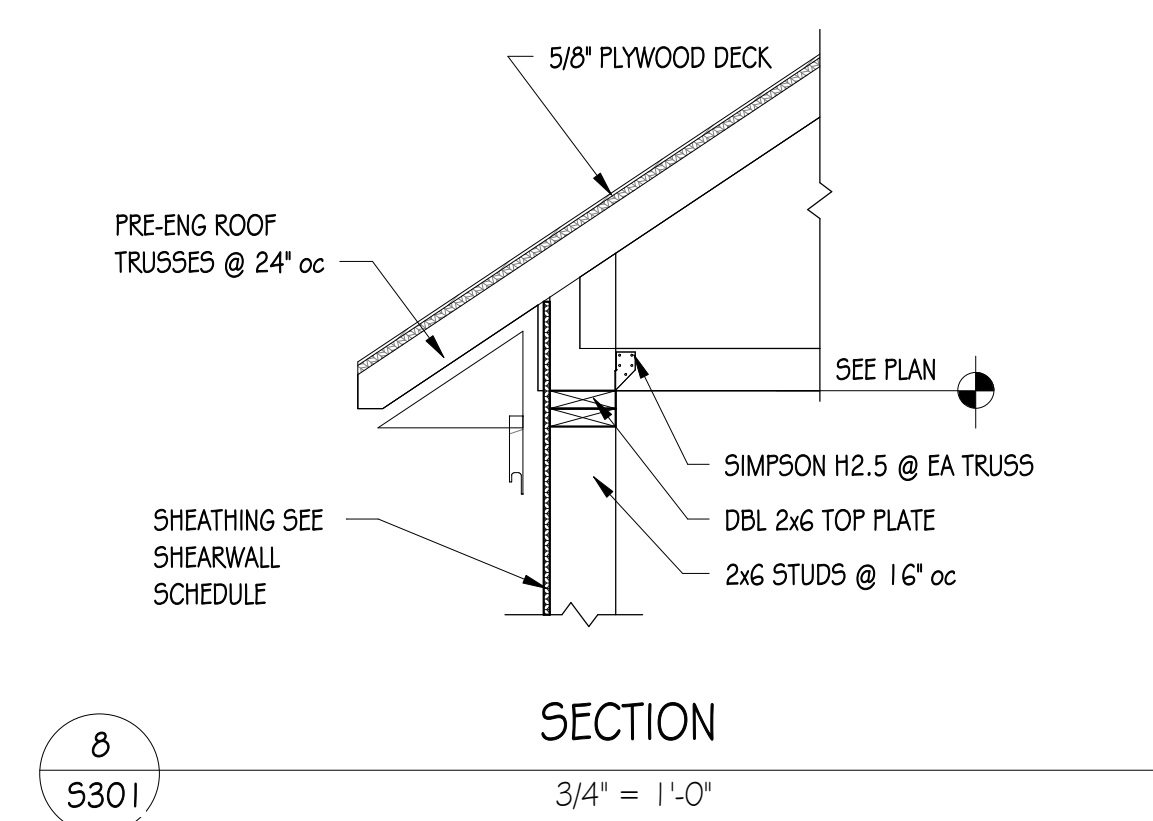
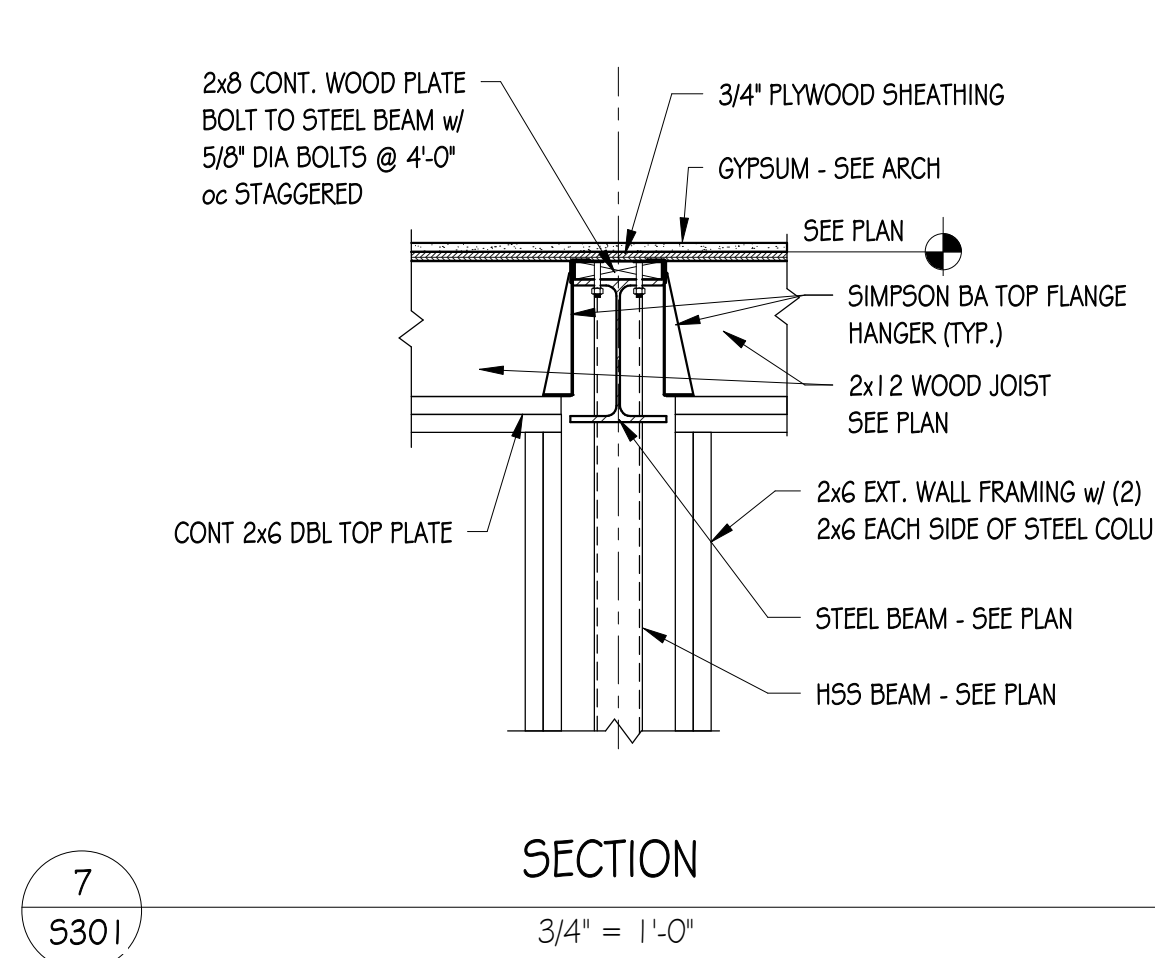
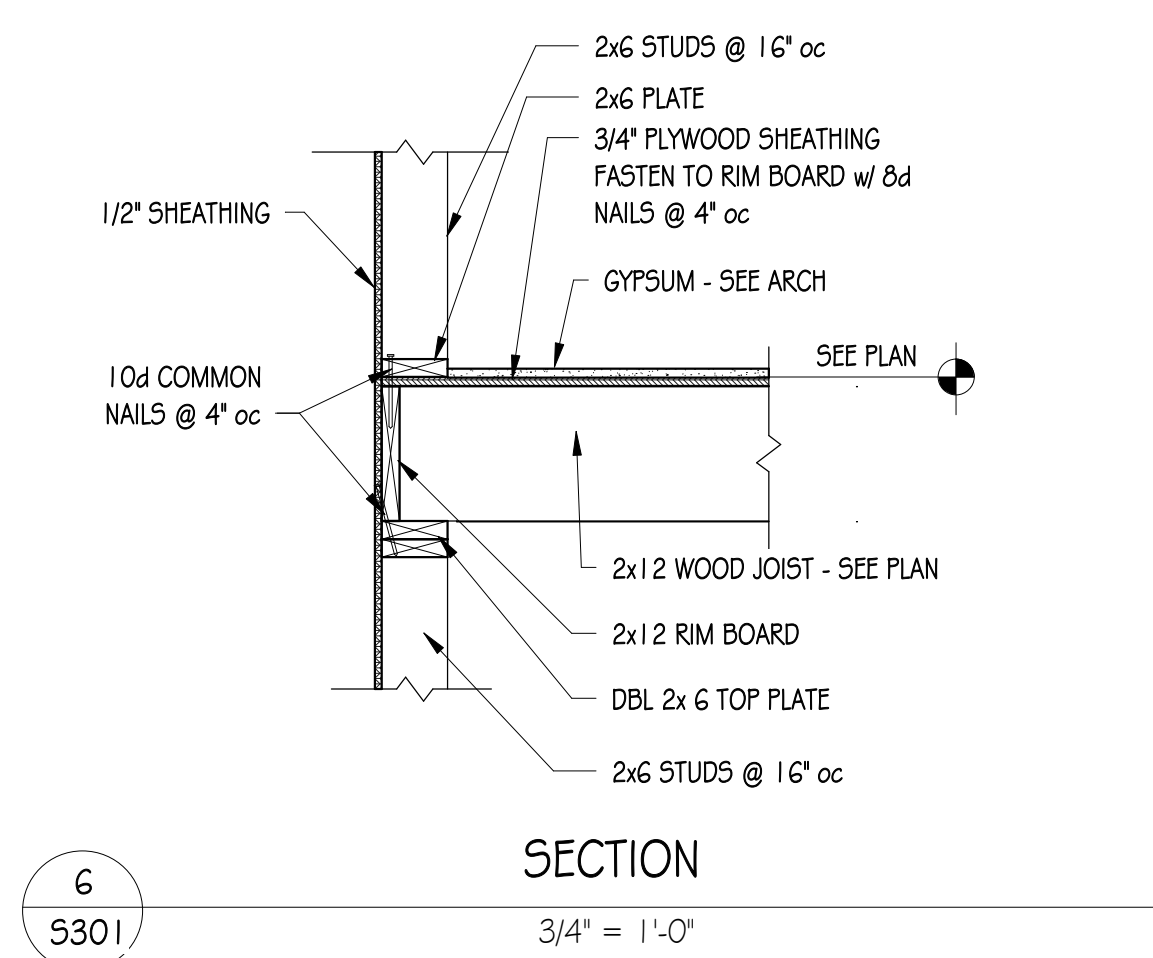
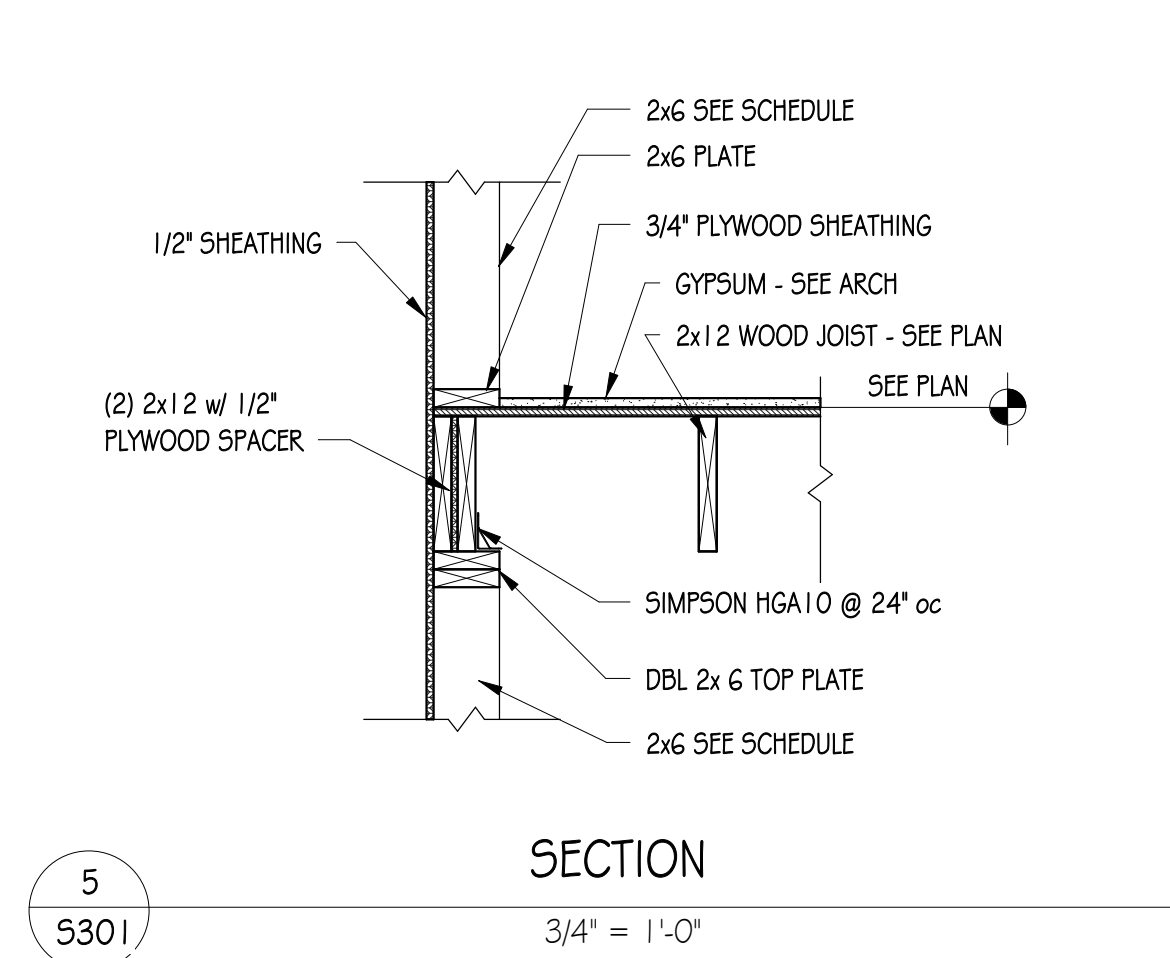
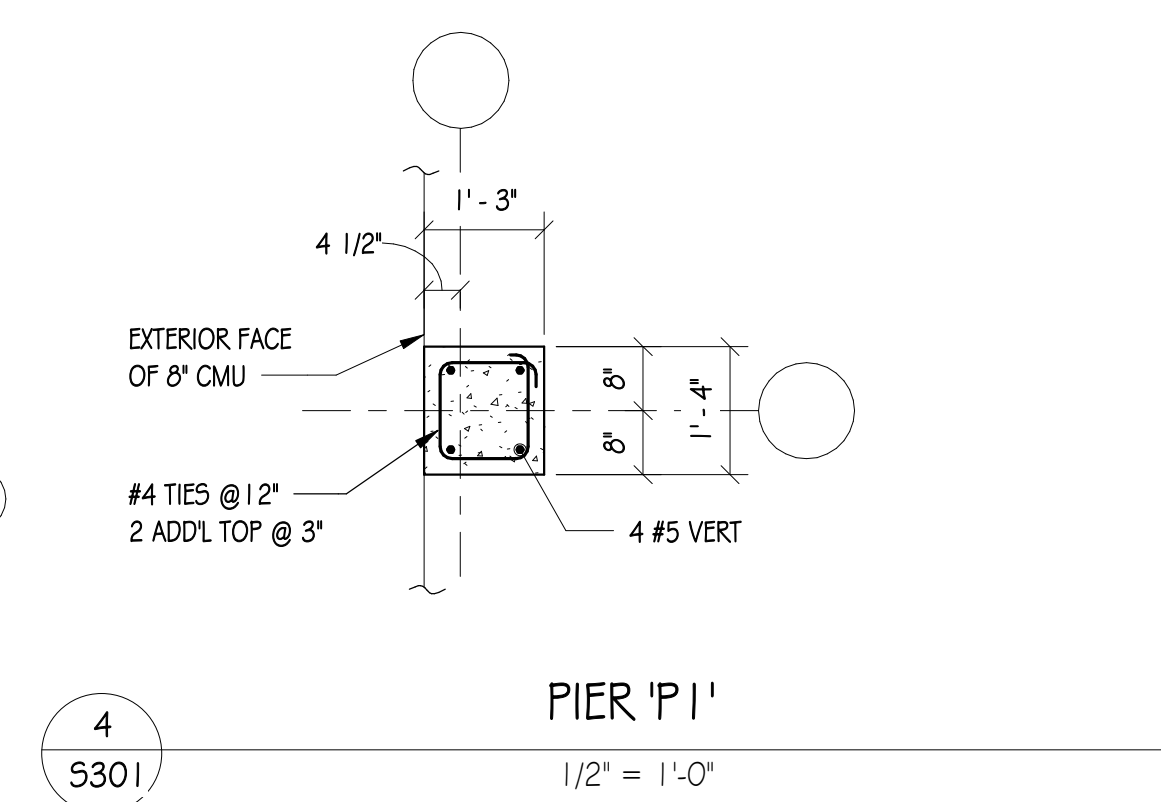
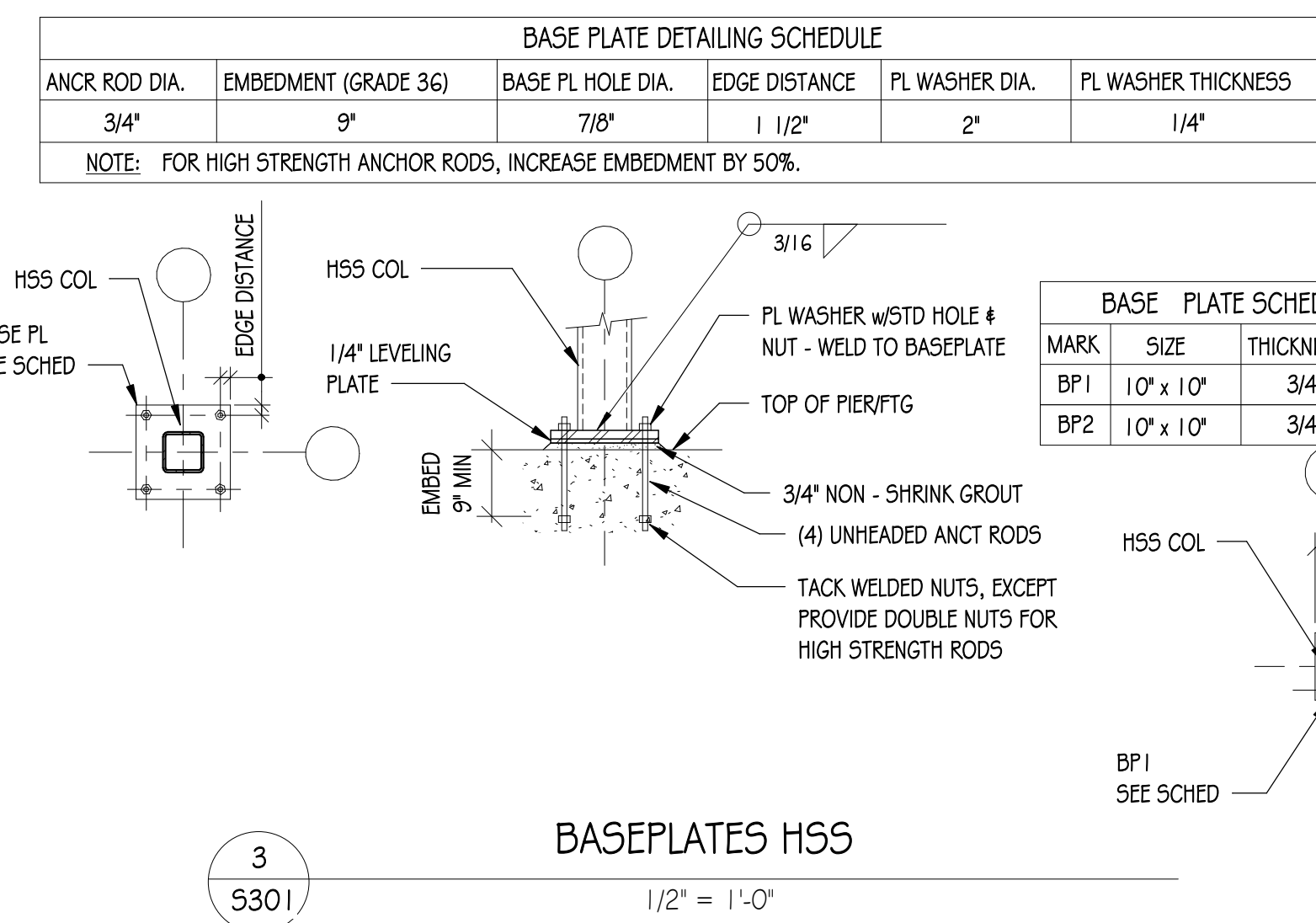
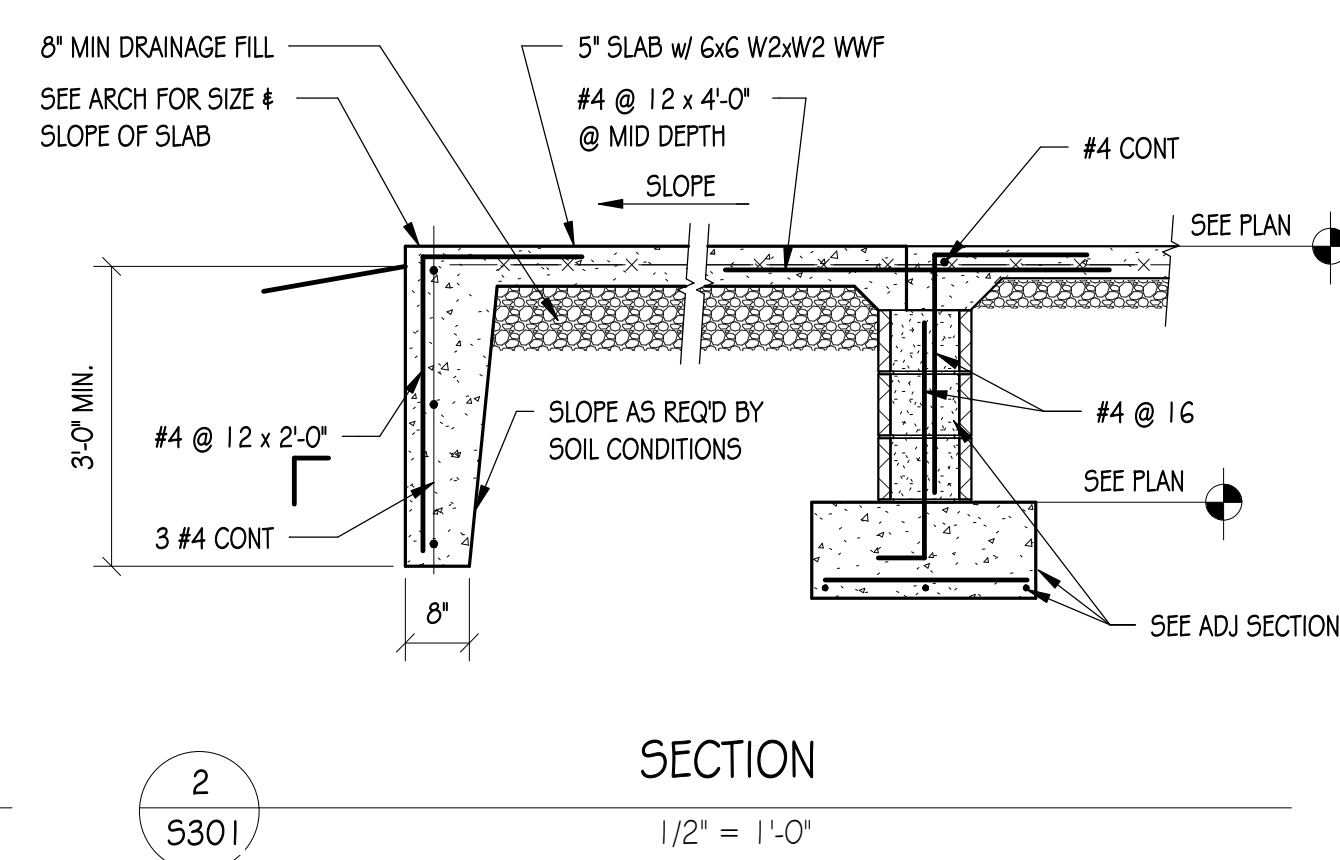
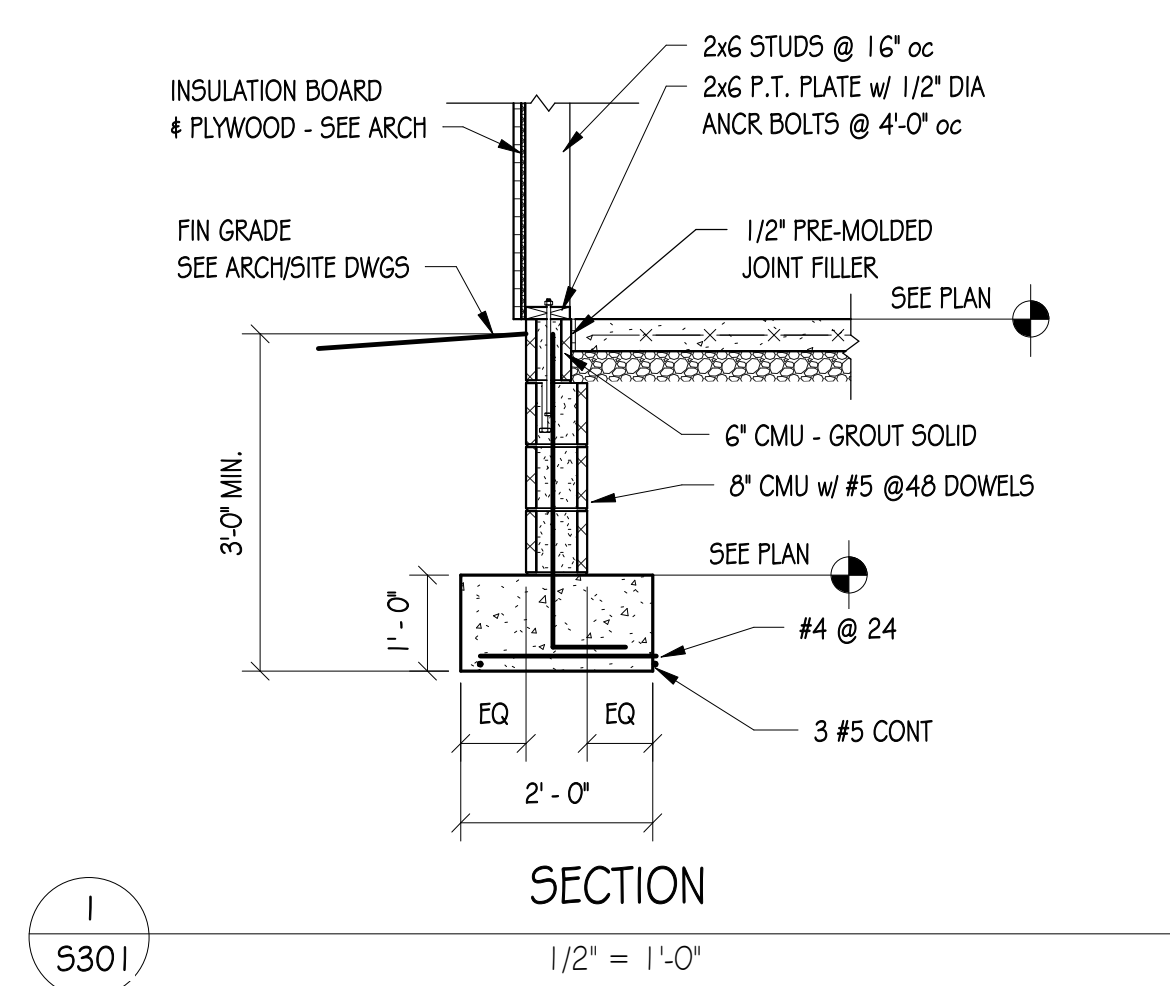
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AJ4 1 1/2" = 1'-0"



AS1 SILL @ STOREFRONT
1 1/2" = 1'-0"

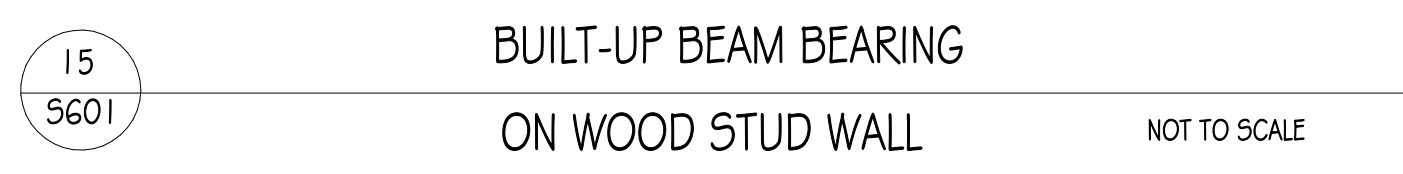
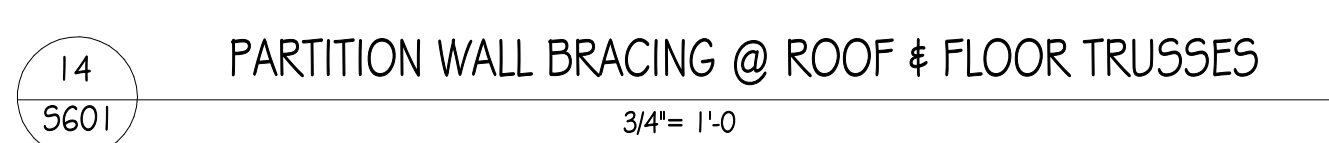
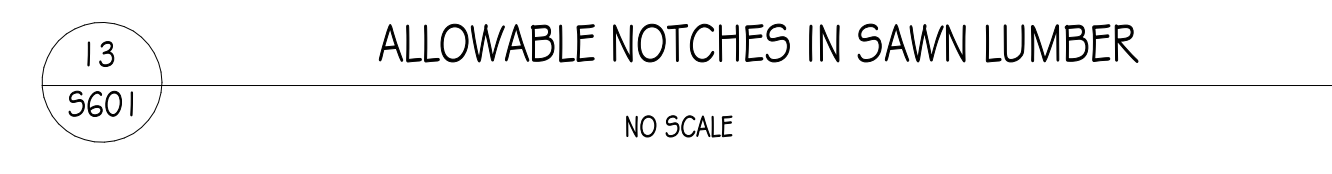
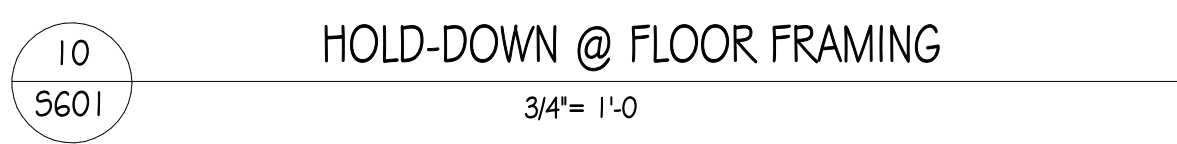
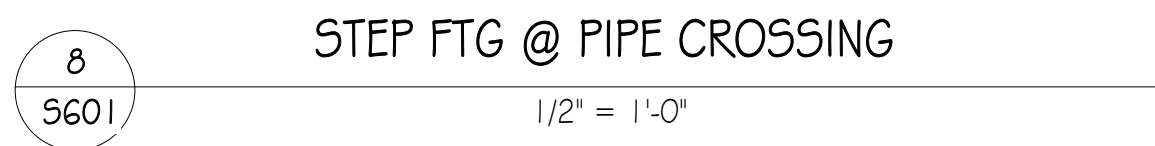
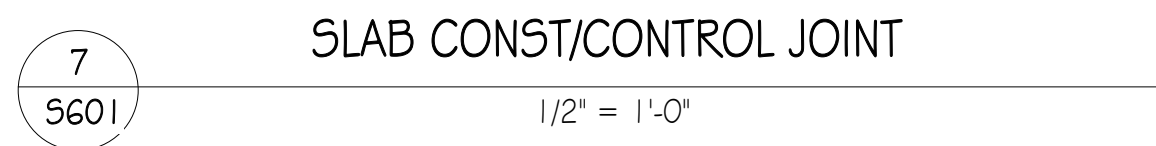
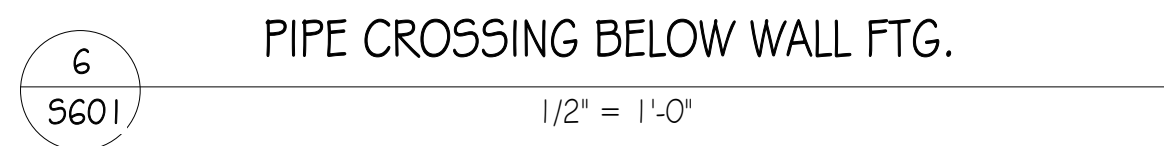
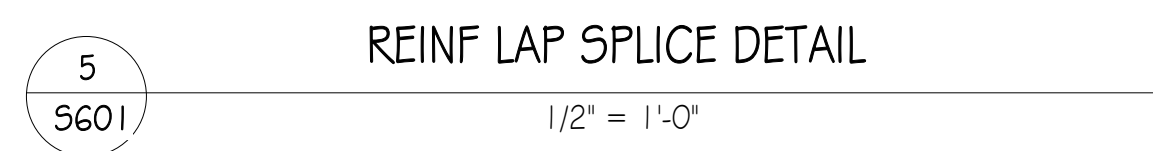
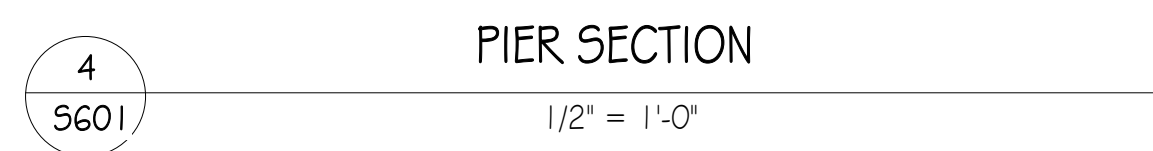
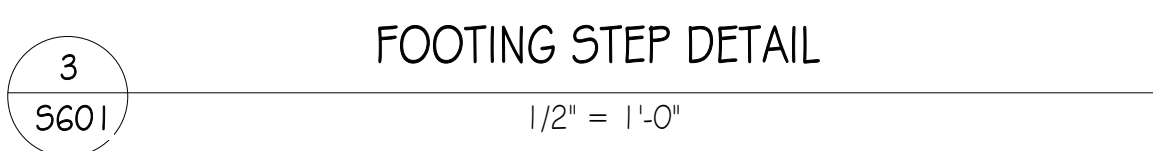
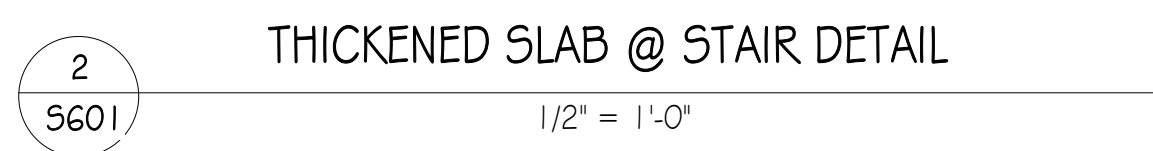
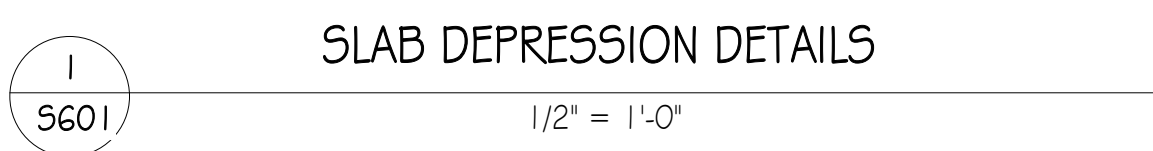


SILL @ ALUM WINDOW &
CAST STONE



BASE PLATE DETAILING SCHEDULE					
ANCR ROD DIA.	EMBEDMENT (GRADE 3G)	BASE PL HOLE DIA.	EDGE DISTANCE	PL WASHER DIA.	PL WASHER THICKNESS
3/4"	9"	7/8"	1 1/2"	2"	1/4"
NOTE: FOR HIGH STRENGTH ANCHOR RODS, INCREASE EMBEDMENT BY 50%.					

BASE PLATE SCHEDULE			
MARK	SIZE	THICKNESS	ANCR ROD DIA.
BP1	10" x 10"	3/4"	3/4"
BP2	10" x 10"	3/4"	3/4"



MASONRY VENEER

LOOSE ANGLE (GALV)
w/ 6" BRGS-SEE SCHED

STUDS
SEE PLANS

HEADER- SEE SCHEDULE

SEE ARCH

MAS VENEER/STEEL STUD LINTEL

	DIFFUSER
	REGISTER
	SIDEWALL DIFFUSER
	SIDEWALL REGISTER
	EXHAUST LOUVER
	INTAKE LOUVER
	BALANCING DAMPER
	FIRE DAMPER
	ATC MOTORIZED DAMPER
	SQUARE DUCT ELBOW WITH TURNING VANES
	THERMOSTAT
	COMBINATION THERMOSTAT-HUMIDISTAT
	CO2 SENSOR
	CONTROL SWITCH
	REFRIGERANT PIPING
	HVAC EQUIPMENT

(THESE NOTES APPLY TO ALL MECHANICAL DRAWINGS)

1. ALL REFRIGERATION PIPING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
2. ALL REFRIGERANT PIPING SHALL BE PITCHED A MINIMUM OF 1/4" IN 10'-0" IN THE DIRECTION OF THE REFRIGERANT FLOW.
3. ALL UNDERGROUND OR CONCEALED REFRIGERATION LINES SHALL BE INSULATED WITH 1" MINIMUM INSULATION BY PITTSBURGH CORNING WITH PITTSBURGH PROTECTIVE COVERING. INSTALL IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
4. ALL PIPE PENETRATIONS THROUGH CHASES, WALLS OR FLOORS WHICH ARE FIRE-RATED SHALL BE PROPERLY SEALED TO MAINTAIN FIRE PROTECTION RATING.
5. ALL DUCTS THAT PENETRATE CHASES, WALLS OR FLOORS WHICH ARE FIRE-RATED SHALL BE INSTALLED WITH FIRE DAMPERS IN ACCORDANCE WITH NFPA 90A. THIS APPLIES EVEN IF THEY ARE NOT SPECIFICALLY SHOWN ON THE DRAWINGS.
6. PROVIDE AND INSTALL RADIATION DAMPERS ON ALL DIFFUSERS, REGISTERS AND GRILLES THAT PENETRATE CEILINGS WHICH ARE FIRE-RATED OR PART OF A FIRE-RATED ASSEMBLY.
7. ALL MATERIALS USED IN PLENUM CEILING AREAS SHALL BE PLENUM RATED AND MEET FLAME/SMOKE INDEXES OF 25/50.

(THESE NOTES APPLY TO ALL MECHANICAL DRAWINGS)

1. ANY PHYSICAL INSTALLATION MODIFICATIONS DUE TO FIELD CONDITIONS SHALL BE RESOLVED BY THE MECHANICAL CONTRACTOR IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MECHANICAL ENGINEER.
2. THE ENTIRE INSTALLATION SHALL COMPLY WITH ALL CODES, LOCAL, STATE, AND NATIONAL.
3. THIS CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS STEEL AND SUPPORTS TO SUSPEND DUCTWORK AND EQUIPMENT.
4. ALL EQUIPMENT SHALL BE INSTALLED WITH VIBRATION ISOLATORS.
5. THIS CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT TO ENSURE A COMPLETE SYSTEM.
6. THIS CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES.
7. THE MECHANICAL CONTRACTOR SHALL SEAL ALL HIS RESPECTIVE WALL AND ROOF PENETRATIONS.
8. ALL ROOF OPENINGS SHALL BE BY MECHANICAL CONTRACTOR. FLASHING SHALL BE PROVIDED BY THE GENERAL CONTRACTOR. COUNTER-FLASHING WILL BE BY THE MECHANICAL CONTRACTOR.
9. THE MECHANICAL CONTRACTOR SHALL PAY FOR ALL FEES AND PERMITS AS NECESSARY TO COMPLETE THE INSTALLATION.
10. CONTRACTOR SHALL INSTALL ALL EQUIPMENT WITH ADEQUATE SERVICE CLEARANCES AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.
11. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR CUTTING AND PATCHING ROOF AND FLOOR FOR NEW EQUIPMENT AND MATERIALS. PATCH TO MATCH EXISTING.
12. ALL ROOFTOP EQUIPMENT REQUIRING REGULAR MAINTENANCE SHALL BE INSTALLED MINIMUM 10'-0" FROM ANY ROOF EDGE HIGHER THAN 30' AND ADEQUATE WIND UPLIFT RATED OR GRADE IN ACCORDANCE WITH INTERATIONAL MECHANICAL CODE.

(THESE NOTES APPLY TO ALL MECHANICAL DRAWINGS)

1. ALL DUCTWORK SIZES NOTED ARE FREE AREA SIZES.
2. TURNING VANES SHALL BE PROVIDED IN ALL DUCT ELBOWS.
3. PROVIDE ALL DAMPERS, SPLITTERS, AND EXTRACTORS AS REQUIRED FOR PROPER AIR FLOW AND AS GENERAL, ACCORDANCE WITH THE STANDARDS OF THE NATIONAL ENVIRONMENTAL BALANCING BUREAU.
4. FURNISH AND INSTALL AS NECESSITATED BY EXISTING CONDITIONS ALL SUPPORT MATERIALS TO INSURE A RIGID INSTALLATION.
5. ALL SUPPLY AND RETURN DUCTWORK EXCEPT DOUBLE WALL SPIRAL ROUND DUCTWORK SHALL BE INTERNALLY LINED IN ACCORDANCE WITH THE SPECIFICATIONS.
6. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING INSTALLATION OF NEW DIFFUSERS AND REGISTERS WITH EXISTING CEILING GRID AND LIGHTING FIXTURES TO BE INSTALLED BY THE GENERAL AND ELECTRICAL CONTRACTORS RESPECTIVELY. CEILING DIFFUSERS AND REGISTERS SHALL BE CENTERED ON GRID SYSTEM.
7. LENGTH OF FLEXIBLE DUCT BRANCHES SHALL NOT EXCEED 8'-0" MAXIMUM. ANY ADDITIONAL LENGTH AS NEEDED FOR INDIVIDUAL CONNECTIONS SHALL BE ACCOMPLISHED WITH ROUND RIGID DUCTWORK.
8. FLEXIBLE DUCT WILL NOT BE ACCEPTABLE FOR EXHAUST FAN INSTALLATIONS.
9. THE MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL FLEXIBLE FABRIC CONNECTIONS BETWEEN DUCTWORK AND FANS IN ORDER TO ISOLATE EQUIPMENT AND PREVENT VIBRATION.

(THIS NOTE SHALL APPLY TO ALL MECHANICAL DRAWINGS)

DUCTWORK SIZES AND LOCATIONS ARE APPROXIMATE. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR DUCTWORK SIZE REVISIONS AS REQUIRED TO ACCOMMODATE AVAILABLE SPACE. SIZING SHALL BE BASED ON A MAXIMUM .08" PER 100FT. OF STATIC PRESSURE AND A MAXIMUM 1100 FPM AIR VELOCITY. DUCTWORK SYSTEMS SHALL BE SIZED BASED ON AVAILABLE HVAC FAN CAPACITY.

(THESE ABBREVIATIONS APPLY TO ALL DRAWINGS)

DEVICES		ELECTRICAL	
D	DIFFUSER	FLA	FULL LOAD AMPS
R	REGISTER	MCA	MAXIMUM CURRENT AMPS
L	LOUVER	MOP	MAXIMUM OVERCURRENT PROTECTION
FD	FIRE DAMPER	GA	GAUGE
FSD	FIRE/SMOKE DAMPER	<u>GENERAL</u>	
SD	SMOKE DAMPER	TYP	TYPICAL
BD	BALANCING DAMPER	AFF	ABOVE FINISHED FLOOR
MOD	MOTOR OPERATED DAMPER	TFB	TO FLOOR BELOW
ATC	AUTOMATIC TEMPERATURE CONTROL	TFA	TO FLOOR ABOVE
WV	WALL VENT	FFA	FROM FLOOR ABOVE
RV	ROOF VENT	FFB	FROM FLOOR BELOW
		AFF	ABOVE FINISHED FLOOR
		SA	SUPPLY AIR
<u>HYDRONIC</u>		RA	RETURN AIR
C	CONDENSATE DRAIN	OA	OUTSIDE AIR
GPM	GALLONS PER MINUTE	EA	EXHAUST AIR
GPH	GALLONS PER HOUR	T.O.	TRANSFER OPENING
HWS	HEATING HOT WATER SUPPLY	T.O. (E)	EXISTING TRANSFER OPENING
HWR	HEATING HOT WATER RETURN	CLG	CEILING
CWS	CHILLED WATER SUPPLY	ETR	EXISTING TO REMAIN
CWR	CHILLED WATER RETURN	EC	ELECTRICAL CONTRACTOR
CS	CONDENSER WATER SUPPLY	FPC	FIRE PROTECTION CONTRACTOR
CR	CONDENSER WATER RETURN	GC	GENERAL CONTRACTOR
HPS	HIGH PRESSURE STEAM	MC	MECHANICAL CONTRACTOR
MPS	MEDIUM PRESSURE STEAM	PC	PLUMBING CONTRACTOR
LPS	LOW PRESSURE STEAM	B.O.D.	BOTTOM OF DUCT
PC	CONDENSATE PUMPED	C.O.D.	CENTER OF DUCT
HSD	HUMIDIFIER STEAM DISCHARGE	<u>DESIGN CRITERIA</u>	
FOS	FUEL OIL SUPPLY	PD	PRESSURE DROP
FOR	FUEL OIL RETURN	RH	RELATIVE HUMIDITY
R	REFRIGERANT PIPING	RPM	REVOLUTIONS PER MINUTE
		SP	STATIC PRESSURE
		ESP	EXTERNAL STATIC PRESSURE
<u>EQUIPMENT</u>		TSP	TOTAL STATIC PRESSURE
EF	EXHAUST FAN	WB	WET BULB
AH	AIR HANDLING UNIT	DB	DRY BULB
RTU	ROOFTOP AIR HANDLING UNIT	AMB	AMBIENT
RTAC	ROOFTOP AIR CONDITIONING UNIT	WPD	WATER PRESSURE DROP
HRU	ENERGY RECOVERY UNIT	APD	AIR PRESSURE DROP
DOAS	DEDICATED OUTDOOR AIR UNIT	EWT	ENTERING WATER TEMPERATURE
AC	AIR CONDITIONER	LWT	LEAVING WATER TEMPERATURE
UV	UNIT VENTILATOR	EAT	ENTERAING AIR TEMPERATURE
FCU	FAN COIL UNIT	LAT	LEAVING AIR TEMPERATURE
PTAC	PACKAGED TERMINAL AIR CONDITIONER	PRV	PRESSURE REDUCING VALVE
CU	CONDENSING UNIT	BBD	BOILER BLOWDOWN
CT	COOLING TOWER		
CHL	CHILLER		
B	BOILER		
P	PUMP		
C	CONVECTOR		
CH	CABINET HEATER		
ECH	ELECTRIC CABINET HEATER		
FT	FINNED TUBE RADIATION		
BH	BASEBOARD HEATER		
EBH	ELECTRIC BASEBOARD HEATER		
RP	RADIANT PANEL		
UH	UNIT HEATER		
EUH	ELECTRIC UNIT HEATER		
ET	EXPANSION TANK		
AS	AIR SEPARATOR		
FPV	FAN POWERED VARIABLE AIR VOLUME BOX		
VAV	VARIABLE AIR VOLUME BOX		
RH	RANGE HOOD		
DC	DUCT COIL		
HP	HEAT PUMP		



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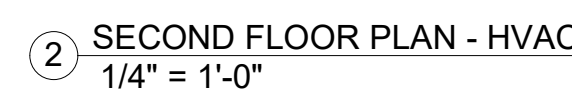
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NOTES, SYMBOLS, AND ABBREVIATIONS

Sheet Number:
H001

BH JOB NO. 23-015



[illegible]

- 1) INDOOR UNIT POWERED BY OUTDOOR UNIT, MANUF. DISCONNECT SWITCH, ELECTRIC HEATER 5KW HEAT KIT
- 2) INDOOR UNIT POWERED BY OUTDOOR UNIT, MANUF. DISCONNECT SWITCH, ELECTRIC HEATER 5KW HEAT KIT
- 3) REMOTE PROGRAMMABLE WIRED TOUCH SCREEN THERMOSTAT; HEAT, COOL AND DRY MODES.
- 4) SEE SCHEMATIC PIPING/CONTROL DIAGRAM FOR INDICATION OF REQUIRED INDOOR UNIT REMOTE CONTROLLERS, SYSTEM CONTROLLERS, AND INTEGRATION DEVICES.

[illegible]

- 1) INDOOR UNIT POWERED BY OUTDOOR UNIT
- 2) • EFFICIENCY VALUES FOR EER, IEER, COP ARE BASED ON AHRI.
- ADDED FIELD CHANGE LISTED IS IN ADDITION TO FACTORY CHANGE, THIS MUST BE UPDATED BASED UPON FINAL AS-BUILT PIPING LAYOUT.
- FACTORY REPRESENTATIVES SHALL REVIEW THE PROJECT PRIOR TO AND THROUGHOUT THE INSTALLATION OF CITY MULE EQUIPMENT.
- FACTORY REPAIR PARTS AND CALL CENTER SUPPORT AND COMMISSION CITY MULE EQUIPMENT UPON COMPLETION OF EQUIPMENT INSTALLATIONS.
- FACTORY REPRESENTATIVES SHALL PROVIDE ON-SITE ASSISTANCE FOR THE BMS INTEGRATION OF THE CITY MULE EQUIPMENT.
- FACTORY REPRESENTATIVES SHALL PROVIDE END-USER TRAINING ON THE CITY MULE EQUIPMENT UPON COMPLETION OF THE INSTALLATION OF EQUIPMENT.

[illegible]

- 1) LIGHTED GRILLE, INTEGRATED HUMIDITY SENSOR, TIME DELAY
- 2) LIGHTED GRILLE, TIME DELAY

DIFFUSERS				
SYMBOL	CFM RANGE	NECK	FACE	TYPE
D-1	0-125	6x6	12x12	SURFACE
D-2	126-250	9x9	15x15	SURFACE
D-3	251-400	12x12	18x18	SURFACE
D-4	401-625	15x15	21x21	SURFACE

REGISTERS			
SYMBOL	CFM	SIZE	TYPE
R-1	UP TO 1600	22 x 22	

[illegible]

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NO.	DATE	RELEASE
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Issue Date:	02/02/24
Drawn By:	Author
Checked By:	Checker

SCHEDULES

Sheet Number:

H202

BH JOB NO. 29-015

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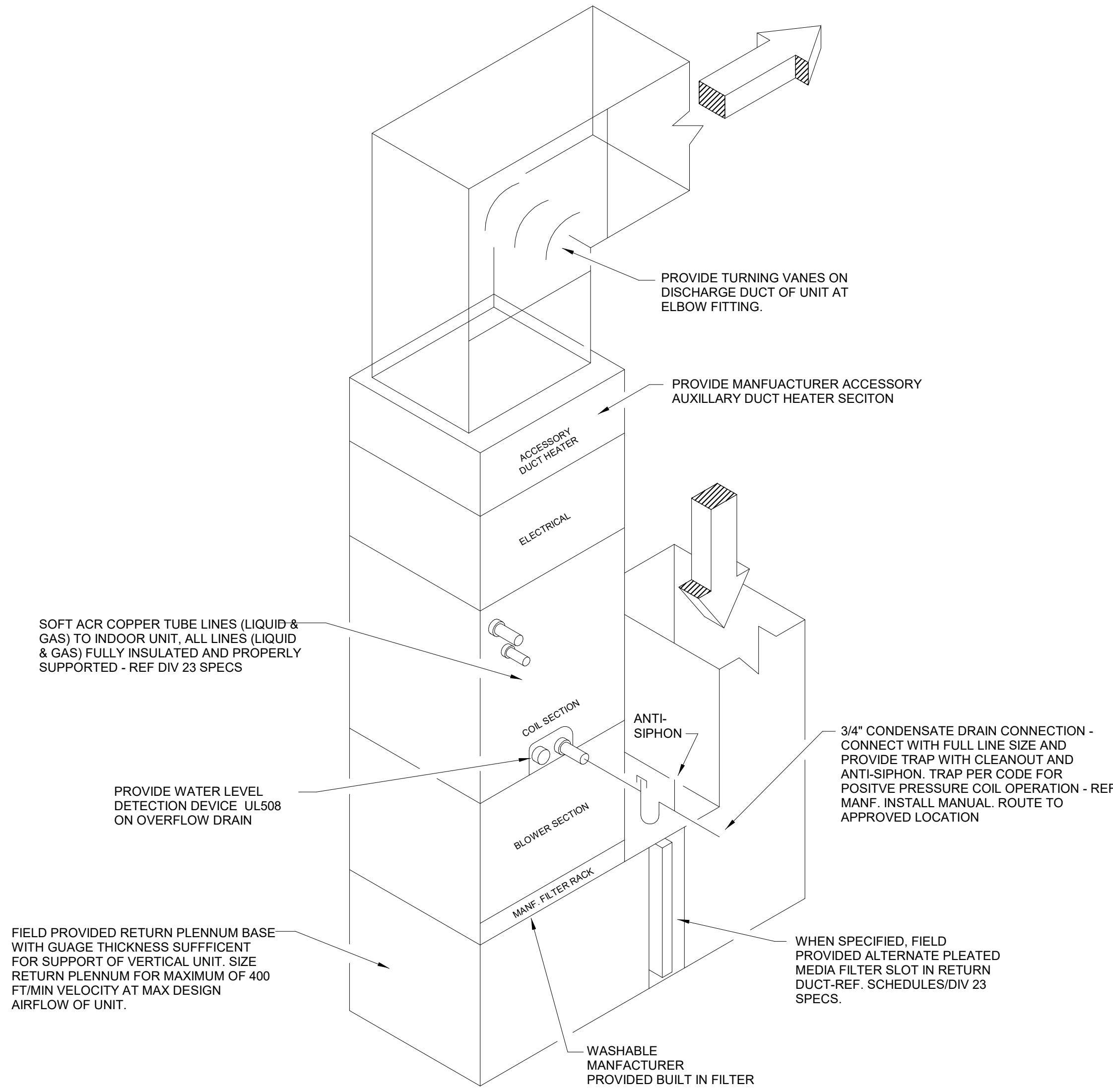
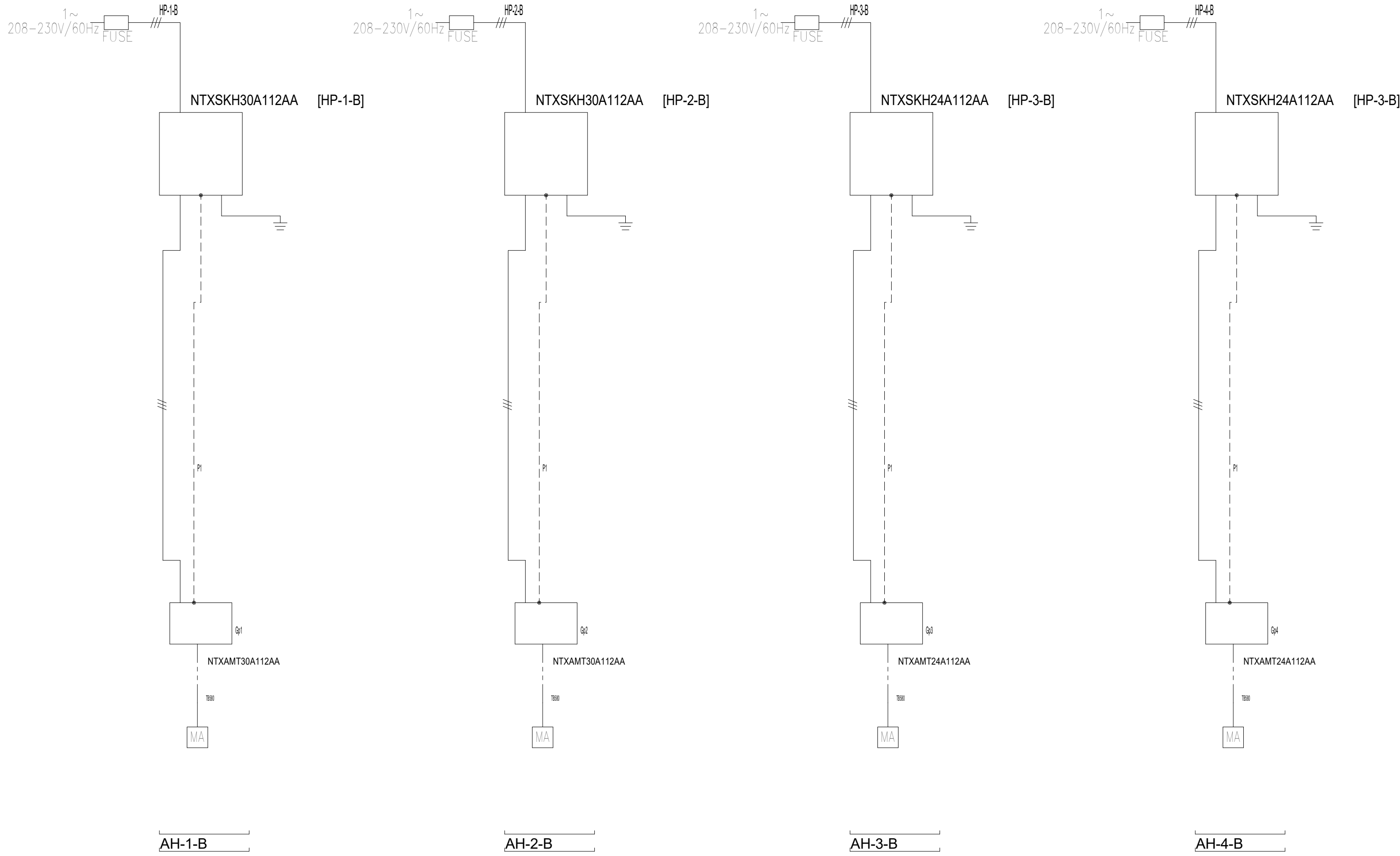
Diamond System Builder
sw: 5.2.1.5
db: 5.2.1.3
1/24/2024
1:19 PM

DIAGRAM SYMBOL LEGEND	CONTING	PAGE
DISPLAY		
---	POWER WIRE	
---	CONTROL WIRE	
---	REF. PIPE	

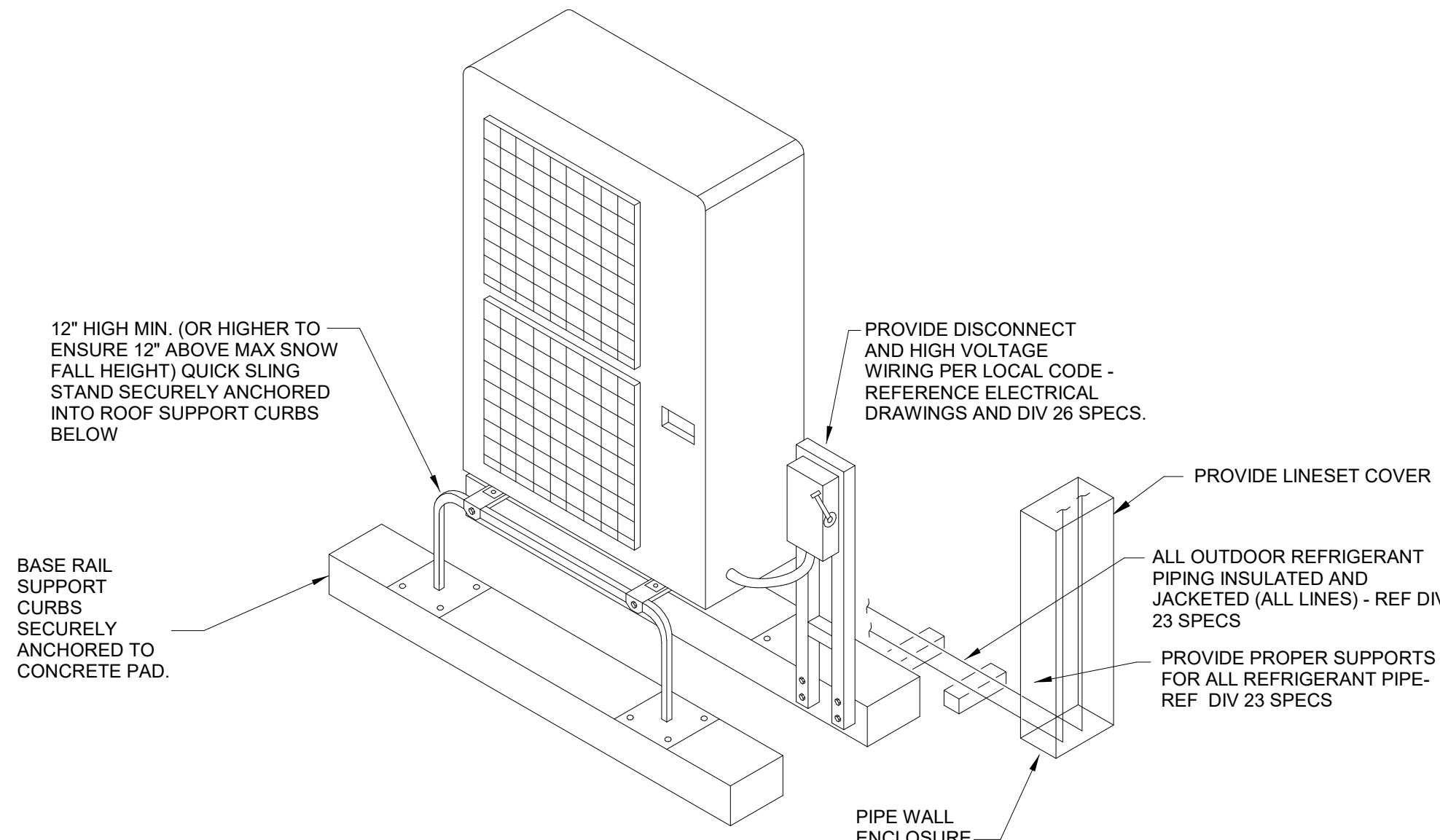
PIPING AND CONTROLS
SYMBOL LIQUID PIPES PIPE SIZE
PI 30 150

CITY MULTI SYSTEM SCHEMATIC DWG.

THIS DRAWING IS SCHEMATIC IN NATURE. FINAL ROUTING OF PIPING & WIRING SHALL BE DETERMINED BY THE INSTALLING CONTRACTOR AND/OR DESIGNER OF RECORD.
ADDITIONAL REFRIGERANT CHARGE IS NEEDED DEPENDING ON THE SIZE AND LENGTH OF EXTENDED PIPING. PLEASE REFER THE AMOUNT OF PRE-CHARGE AND THE FORMULA OF CALCULATION WHICH IS MENTIONED ON THE DATA BOOK.
1.25mm(1/8 AWG) : 1.25mm(1/8 AWG) or
0.75mm(20 AWG) : between 0.5mm(24 AWG) and 0.75mm(20 AWG).



VERTICAL DUCTED INDOOR UNIT DETAIL



OUTDOOR UNIT BASE MOUNTING DETAIL

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NO.	DATE	RELEASE

Issue Date: 02/02/24
Drawn By: Author
Checked By: Checker

DETAILS

Sheet Number:
H203

BH JOB NO. 23-015

PLUMBING ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AG	ABOVE GRADE
BG	BELOW GRADE
EX	EXISTING
CW	COLD WATER
HW	HOT WATER
HWR	HOT WATER RECIRCULATION
ST	STORM SEWER
OST	EMERGENCY STORM SEWER OVERFLOW
AW	ACID WASTE PIPING
GW	GREASE LADEN WASTE DRAIN PIPING
VTR	VENT THRU ROOF
CO	CLEANOUT
WC	WATER CLOSET
UR	URNAL
LV	LAVATORY
SK	SINK
SHR	SHOWER
EWEC	ELECTRIC WATER COOLER
DF	DRINKING FOUNTAIN
MB	MOP BASIN
FD	FLOOR DRAIN
RD	ROOF DRAIN
SS	SERVICE SINK

PLUMBING SYMBOL SCHEDULE

	NEW DOMESTIC COLD WATER PIPING
	NEW DOMESTIC HOT WATER PIPING
	NEW DOMESTIC HOT WATER CIRCULATING PIPING
	NEW DOMESTIC 140 HOT WATER PIPING
	NEW DOMESTIC 140 HOT WATER CIRCULATING PIPING
	NEW NATURAL GAS PIPING
	NEW CONDENSATE PIPING
	NEW SANITARY DRAIN PIPING
	NEW ACID WASTE DRAIN PIPING
	FLOOR CLEANOUT
	WALL CLEANOUT
	NEW SANITARY VENT PIPING
	NEW ACID WASTE VENT PIPING
	NEW GREASE LADEN WASTE DRAIN PIPING
	VENT THRU ROOF
	NEW EMERGENCY OVERFLOW STORM WATER PIPING
	NEW STORM WATER PIPING
	RAIN WATER CONDUCTOR (STORM SEWER RISER)
	NEW ROOF DRAIN
	SHUT-OFF VALVE
	CHECK VALVE AND BALANCING VALVE

PLUMBING NOTES:

- INDIVIDUAL FIXTURE PIPING CONNECTION SIZES SHALL BE IN ACCORDANCE WITH PLUMBING FIXTURE SCHEDULE.
- ANY PHYSICAL INSTALLATION MODIFICATIONS DUE TO FIELD CONDITIONS SHALL BE RESOLVED BY THE PLUMBING CONTRACTOR IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MECHANICAL ENGINEER AT NO ADDITIONAL EXPENSE TO THE OWNER.
- ALL WASTE LINES AS SHOWN SHALL BE BELOW FLOOR UNLESS OTHERWISE NOTED. ALL VENT LINES SHALL BE CONCEALED IN WALLS OR ABOVE CEILING. ALL WATER PIPING SHALL BE CONCEALED WHERE PHYSICALLY POSSIBLE.
- THE ENTIRE INSTALLATION SHALL COMPLY WITH ALL CODES, LOCAL, STATE AND NATIONAL HAVING JURISDICTION.
- THE CONTRACTOR SHALL RIGIDLY SUPPORT ALL EQUIPMENT.
- THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT TO INSURE A COMPLETE SYSTEM.
- THE CONTRACTOR SHALL THOROUGHLY COORDINATE HIS WORK WITH THAT OF OTHER TRADES.
- THE CONTRACTOR SHALL SEAL ALL RESPECTIVE WALL, FLOOR, CEILING OR ROOF PENETRATIONS.
- THE PLUMBING CONTRACTOR SHALL PAY FOR ALL FEES AND PERMITS AS NECESSARY TO COMPLETE THE INSTALLATION.

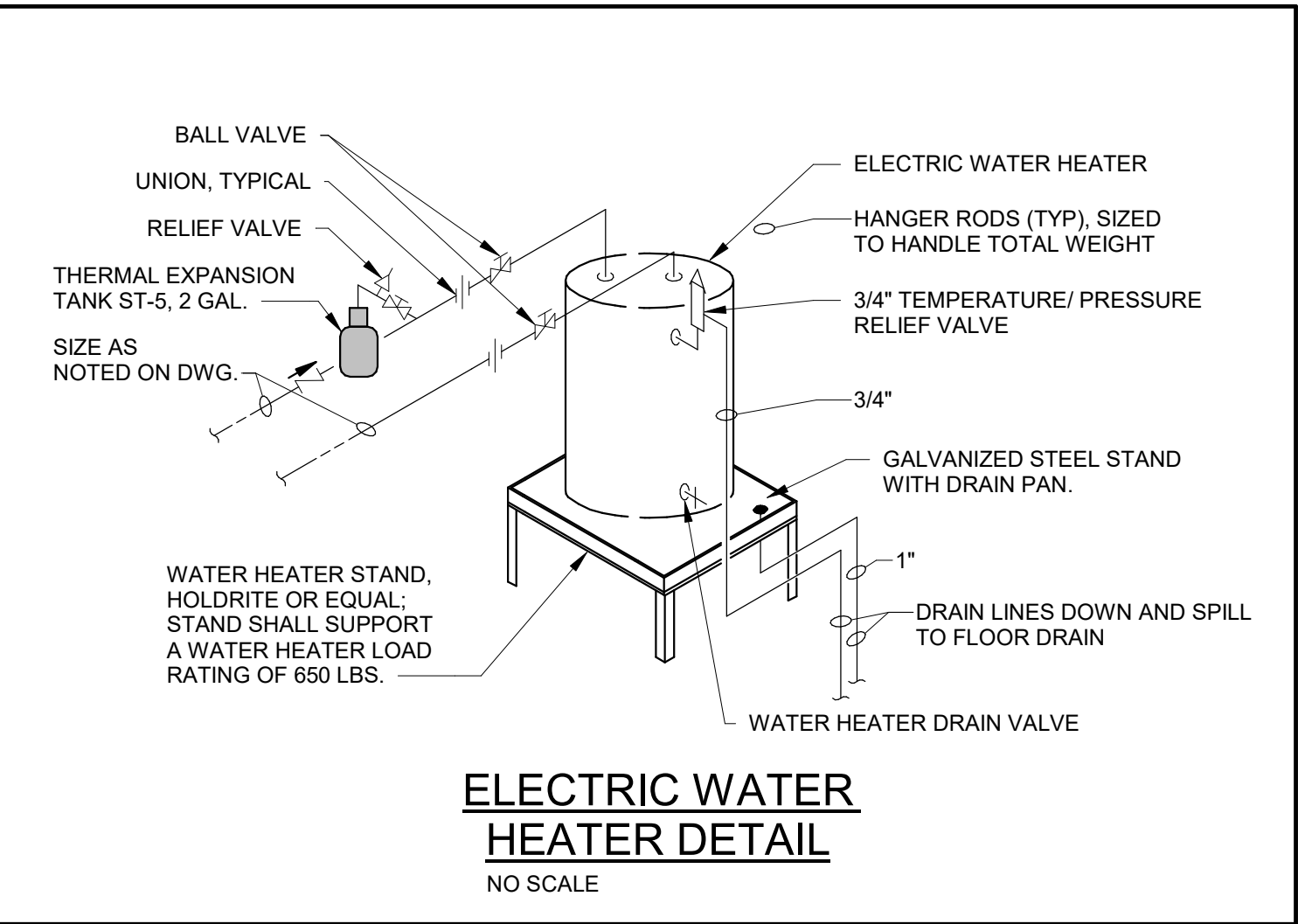
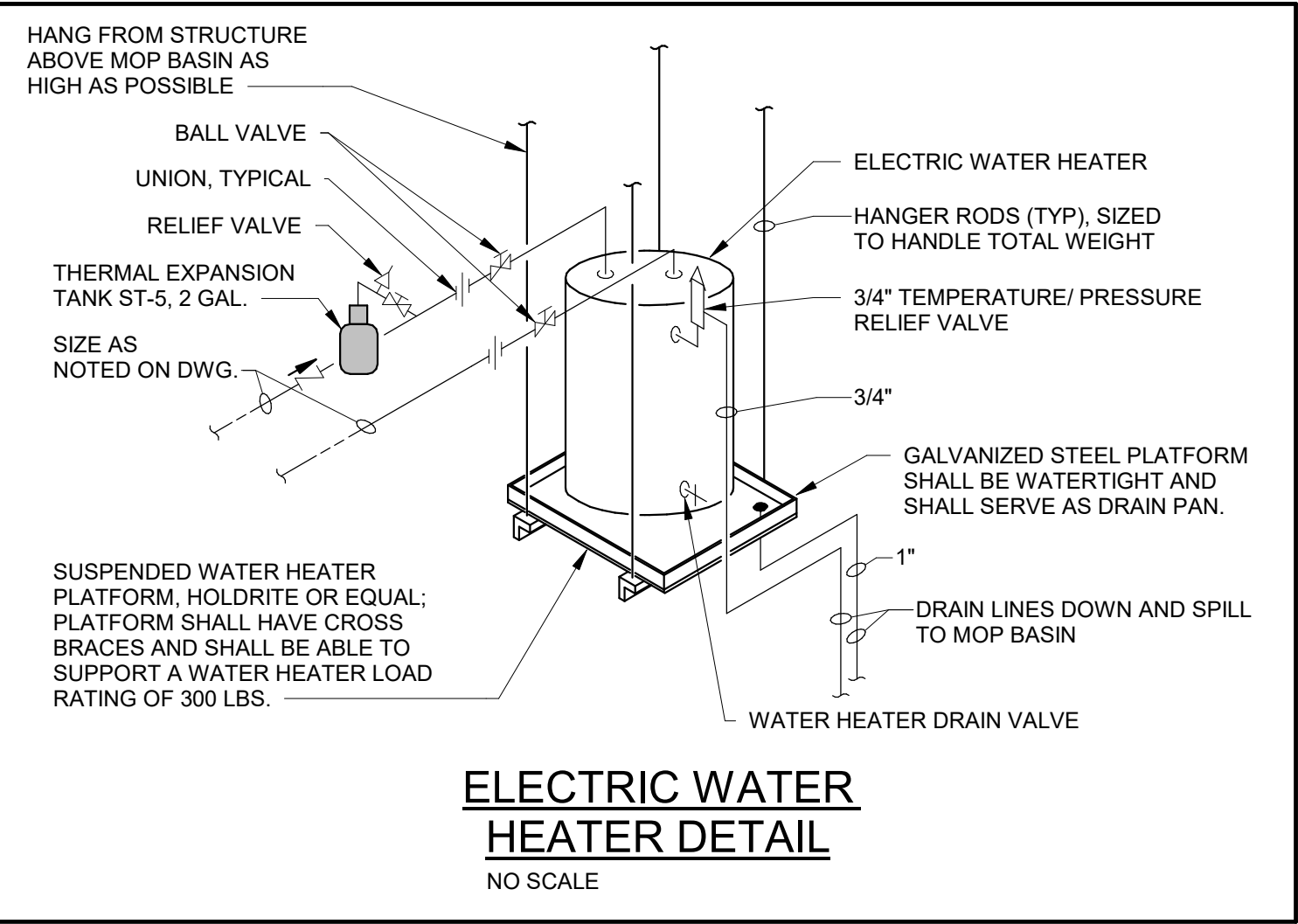
PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	WASTE	VENT	HOT	COLD	DESCRIPTION	ELECTRIC	REMARKS
WC-1	WATER CLOSET	4"	2"	---	1"	FLOOR MTD, PRESS. ASSIST.	---	ADA
LV-1	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	MANUAL FAUCET, WALL MOUNTED	---	ADA MOUNTING, ASSE 1070 MIXING VALVE
WC-2	WATER CLOSET	4"	2"	---	1"	FLOOR MTD, GRAVITY TANK	---	---
LV-2	LAVATORY	1-1/2"	1-1/2"	1/2"	1/2"	MANUAL FAUCET, COUNTER MTD	---	---
SK-1	SINK	1-1/2"	1-1/2"	1/2"	1/2"	DOUBLE BOWL, SPRAY FAUCET	---	ADA
BT-1	BATHTUB AND SHOWER	1-1/2"	1-1/2"	1/2"	1/2"	BATHTUB AND SHOWER	---	---
WMB-1	WASHING MACHINE BOX	1-1/2"	1-1/2"	1/2"	1/2"	DRAIN STAND PIPE, CW & HW SHUTOFF VALVES W/ WHA	---	WATER HAMMER ARRESTORS
IMB-1	ICE MAKER BOX	---	---	---	1/2"	ICE MAKER BOX W/ WHA	---	WATER HAMMER ARRESTORS
MB-1	MOP BASIN	3"	2"	3/4"	3/4"	MOP BASIN	---	---
DF-1	DRINKING FOUNTAIN	1-1/2"	1-1/2"	---	1/2"	BI-LEVEL, WATER COOLER, WALL MOUNTED, BOTTLE FILLER, FILTER	120/1, 6 FLA	---
WH-1	WALL HYDRANT	---	---	---	3/4"	NONFREEZE WALL HYDRANT	---	---
FD-1	FLOOR DRAIN	3"	---	---	---	---	---	---

- NOTES:
- ALL FIXTURES SHALL BE ROUGHED-IN IN ACCORDANCE WITH APPROVED SHOP DRAWING REQUIREMENTS SET FORTH BY THE MANUFACTURER.
 - COORDINATE INSTALLATION OF FIXTURES WITH ALL TRADES.
 - ALL FIXTURES SHALL BE INSTALLED WITH SHUTOFF VALVES ON THE HOT AND COLD LINES FOR SERVICE.

DOMESTIC WATER HEATER

SYMBOL	TYPE	VOL. GAL.	GPH @ 90 F	KW	VOLTAGE	MANUF.	MODEL	REMARKS
DWH-1	TANK	10	14	3.0	240 / 1	A.O. SMITH	DEL	
DWH-2	TANK	50	25	5.5	240 / 1	A.O. SMITH	HETF	TALL MODEL



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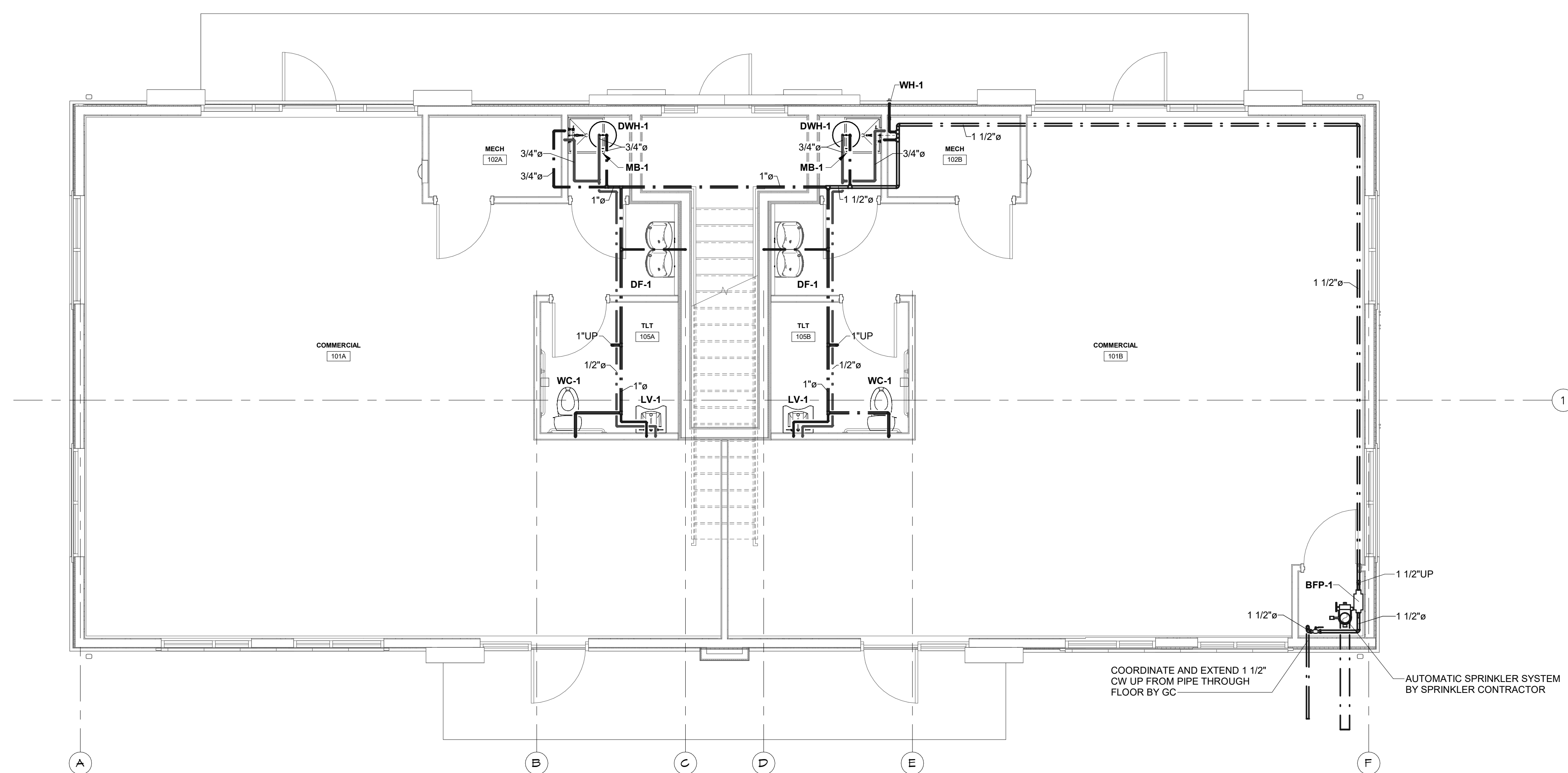
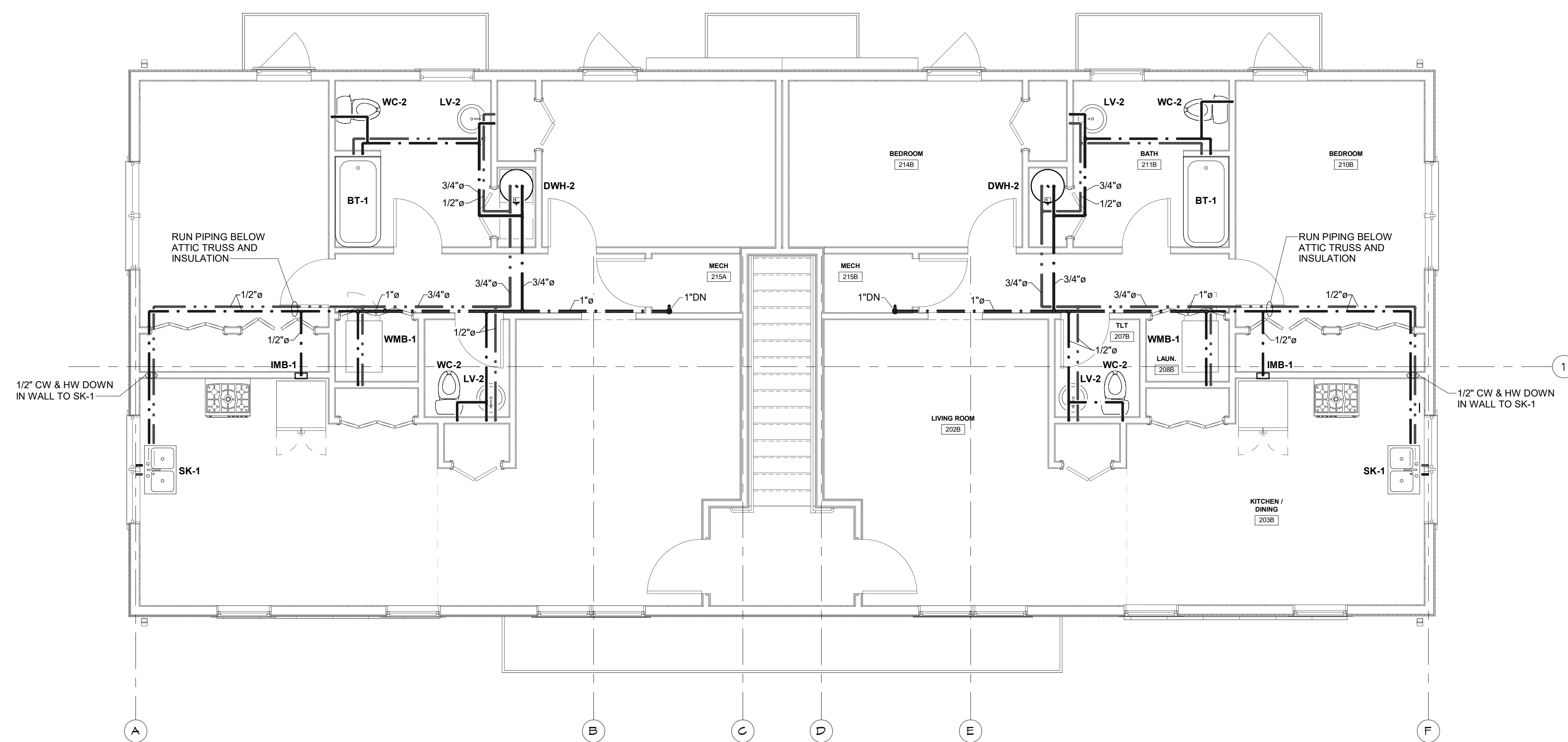
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NOTES,
SYMBOLS,
ABBREVIATIONS,
DETAILS AND
SCHEDULES

Sheet Number:
P001

BH JOB NO. 23-015



EAGLE BUILDING SOLUTIONS
MIXED-USE BUILDING

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FLOOR PLANS -
DOMESTIC

Sheet Number:
P201

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RECEPTACLES/FLOORBOXES/POWER POLES

SYMBOL	DESCRIPTION
	120V DUPLEX RECEPTACLE
	120V DUPLEX RECEPTACLE - CEILING MOUNTED
	120V QUAD RECEPTACLE
	120V QUADUPLEX RECEPTACLE - CEILING MOUNTED
	120V SIMPLEX RECEPTACLE
	120V DUPLEX RECEPTACLE - TOP HALF SWITCHED
	120V DUPLEX RECEPTACLE - CONNECTED TO NORMAL/EMERGENCY POWER
	120V QUADUPLEX RECEPTACLE - CONNECTED TO NORMAL/EMERGENCY POWER
	14-50R RANGE RECEPTACLE WITH MATCHING PLUG AND CORD
	14-30R DRYER RECEPTACLE WITH MATCHING PLUG AND CORD
	SIMPLEX RECEPTACLE WITH NEMA CONFIGURATION AS NOTED
	120V RECEPTACLES CORDREEL HUNG FROM WALL/CEILING UNLESS OTHERWISE NOTED
	208Y/240V CORDREEL HUNG FROM WALL/CEILING - PROVIDE WITH NEMA RECEPTACLE TO MATCH EQUIPMENT CORD/PLUG
	RECESSED MULTI-SERVICE FLOOR BOX/MULTI-SERVICE POKE-THRU FOR MOUNTING DEVICES INDICATED
	MULTI-SERVICE FLOOR BOX FOR MOUNTING DEVICES INDICATED
	FLOOR BOX/POKE-THRU FOR FURNITURE FEED
	PEDESTAL-TYPE FLOOR BOX FOR MOUNTING DEVICES INDICATED
	RECESSED MULTI-SERVICE FLUSH FLOOR BOX/MULTI-SERVICE POKE-THRU FOR MOUNTING DEVICES INDICATED
	MULTI-SERVICE FLOOR BOX FOR MOUNTING DEVICES INDICATED
	PEDESTAL-TYPE FLOOR BOX FOR MOUNTING DEVICES INDICATED
	FLUSH FLOOR BOX/POKE-THRU FOR RECEPTACLE AND DATA DEVICES INDICATED
	MULTI-SERVICE FLOOR BOX FOR MOUNTING DEVICES INDICATED
	FLOOR BOX/POKE-THRU FOR FURNITURE FEED AND DATA DEVICES INDICATED
	POWER POLE FOR MOUNTING DEVICES INDICATED (HEIGHT AS REQUIRED)
	HAND DRYER
	RANGE HOOD
	DISHWASHER

RECEPTACLES - ATTRIBUTES

B	MOUNTED HORIZONTALLY IN BASEBOARD KICK SPACE
H	HOSPITAL GRADE DEVICE INSTALLED PER NEC ARTICLE 517 FOR HEALTH CARE FACILITIES
GF	INTEGRAL GROUND FAULT
IG	ISOLATED GROUND
SI	INTEGRAL SURGE PROTECTION, ISOLATED GROUND
SP	INTEGRAL SURGE PROTECTION
TR	TAMPER RESISTANT (CHILD PROOF)
WC	DEDICATED FOR WATER COOLER, MOUNT AT THE HEIGHT/LOCATION REQUIRED BY THE WATER COOLER TRANSFORMER
VM	DEDICATED FOR VENDING MACHINE
M	MICROWAVE RECEPTACLE. REFER TO ARCHITECTURAL ELEVATION FOR HEIGHT/LOCATION
L	GROUND FAULT RECEPTACLE FOR LAVATORY TRANSFORMER, MOUNT AT THE HEIGHT/LOCATION REQUIRED BY THE LAVATORY TRANSFORMER
WP	WEATHERPROOF IN-USE COVER
00"	MOUNT AT HEIGHT TO CENTER INDICATED
.	MOUNT AT 8" ABOVE COUNTER
XP	EXPLOSION PROOF
U	DUPLEX RECEPTACLE WITH INTEGRAL USB CHARGER
4U	4 PORT USB CHARGER RECEPTACLE
SP/P	INTEGRAL SURGE PROTECTION, MOUNTED AT PROJECTOR HEIGHT (VERIFY WITH OWNER)
SP/T	INTEGRAL SURGE PROTECTION, MOUNTED AT TELEVISION HEIGHT (VERIFY WITH OWNER)

TELECOMMUNICATIONS OUTLETS

SYMBOL	DESCRIPTION
	REFER TO DETAIL DRAWINGS FOR OUTLET TYPES

TELECOMMUNICATIONS - ATTRIBUTES

00"	MOUNT AT HEIGHT TO CENTER INDICATED
.	MOUNT AT 8" ABOVE COUNTER
C#	COMPUTER OUTLET - # INDICATES NUMBER OF JACKS
TS	TEACHER STATION
P	PROJECTOR OUTLET
PS	PRESENTER STATION
TV	TELEVISION OUTLET

WIRING

SYMBOL	DESCRIPTION
	CONDUIT & WIRE
	CONDUIT & WIRE UNDERFLOOR OR UNDERGROUND
	HOME RUN WITH PANEL & CIRCUIT NUMBER NOTED
	MULTIPLE SWITCHED CIRCUITS FED FROM SAME HOME RUN
	UNDERGROUND
	OVERHEAD
	NORMAL/EMERGENCY CIRCUIT
	CONDUIT DOWN
	CONDUIT UP
	END OF CONDUIT

INTERCOMMASTER CLOCK/SOUND SYSTEMS

SYMBOL	DESCRIPTION
	1 MICROPHONE INLET
	MICROPHONE INLETS ON ONE PLATE (QUANTITY AS INDICATED)
	CEILING MOUNTED HANGING MICROPHONE INLET
	1 FLOOR MOUNTED MICROPHONE INLET
	FLOOR MOUNTED MICROPHONE INLETS (QUANTITY AS INDICATED)
	AUXILIARY INPUT JACK
	LOCAL SOUND WALL MOUNTED SPEAKER
	LOCAL SOUND CEILING MOUNTED SPEAKER
	PAGING INTERCOM SYSTEM CEILING MOUNTED SPEAKER
	PAGING INTERCOM SYSTEM CEILING MOUNTED SPEAKER, NON IP BASED
	PAGING INTERCOM SYSTEM WALL MOUNTED SPEAKER
	PAGING INTERCOM SYSTEM WALL MOUNTED SPEAKER, NON IP BASED
	WALL MOUNTED EXTERIOR SPEAKER
	VOLUME CONTROL
	MONITOR SPEAKER JACK
	CALL SWITCH
	CLOCK/SPEAKER COMBINATION
	WALL CLOCK
	DUAL FACE CLOCK
	MIXER REMOTE CONTROL WITH AUXILIARY JACK IN CABINET
	TOUCH SCREEN CONTROLLER IN CABINET
	DISPLAY OUTPUT
	PROJECTOR OUTPUT
	VIDEO INPUT
	WIRELESS ANTENNA/ASSISTIVE LISTENING ANTENNA

VIDEO SURVEILLANCE/ACCESS CONTROL SYSTEM

SYMBOL	DESCRIPTION
	ACCESS SYSTEM CARD READER
	INTRUSION DETECTION SYSTEM KEYPAD
	HANDICAP (ADA) DOOR OPERATOR PUSH PAD
	INTRUSION DETECTION SYSTEM WALL MOUNTED MOTION DETECTOR
	INTRUSION DETECTION SYSTEM CEILING MOUNTED MOTION DETECTOR
	INTRUSION DETECTION SYSTEM WALL MOUNTED AUDIO SOUNDER
	CEILING MOUNTED CAMERA
	WALL MOUNTED CAMERA
	360 DEGREE CEILING MOUNTED CAMERA
	REQUEST TO EXIT DEVICE
	ELECTRIC STRIKE FOR DOOR ACCESS SYSTEM
	GLASS BREAK SENSOR - CEILING MOUNTED UNLESS OTHERWISE INDICATED
	ACCESS/INTRUSION SYSTEM DOOR CONTACT
	DOOR HARDWARE PACKAGE PER SPECIFICATIONS, PROVIDE 3/4" CONDUIT AND WIRING TO ALL EQUIPMENT SHOWN IN THE HARDWARE SETS/SCHEDULES, DRAWINGS, AND AS NEEDED FOR ALL ASSOCIATED SYSTEMS. DOOR SHALL OPERATE AS DESCRIBED IN THE NOTES OF THE SPECIFICATIONS AND THE PROJECTS REQUIREMENTS.
	INTERCOM/CAMERA ENTRANCE STATION
	INTERCOM/CAMERA MASTER STATION
	DOOR RELEASE PUSH BUTTON STATION
	DOOR LOCKDOWN PUSH BUTTON STATION
	MAGNETIC RELEASE BUTTON STATION

POWER DISTRIBUTION AND CONTROL

SYMBOL	DESCRIPTION
	PUSH-BUTTON STATION
	EMERGENCY PUSHBUTTON
	EMERGENCY PUSHBUTTON WITH KEY RESET
	GAS VALVE SHUTOFF
	FUSED DISCONNECT SWITCH
	MANUAL MOTOR STARTING SWITCH WITH THERMAL OVERLOAD DEVICE
	LOCAL DISCONNECT SWITCH- SINGLE OR 2 POLE AS REQUIRED
	CONTACTOR
	MOTOR STARTER (FURNISHED BY M.C. UNLESS OTHERWISE INDICATED)
	COMBINATION STARTER & DISCONNECT SWITCH (FURNISHED BY M.C. UNLESS OTHERWISE INDICATED)
	MOTOR
	MOTORIZED BLEACHER MOTOR BY GC, PROVIDE FUSED DISCONNECT AND CONTROL/SAFETY WIRING REQUIRED IN 3/4" CONDUIT
	MOTORIZED COILING DOOR MOTOR BY GC, PROVIDE FUSED DISCONNECT AND CONTROL/SAFETY WIRING REQUIRED IN 3/4" CONDUIT
	MOTORIZED DIVIDER CURTAIN BY GC, PROVIDE LOCAL DISCONNECT AND CONTROL/SAFETY WIRING REQUIRED IN 3/4" CONDUIT
	MOTORIZED FOLDING PARTITION BY GC, PROVIDE FUSED DISCONNECT AND CONTROL/SAFETY WIRING REQUIRED IN 3/4" CONDUIT
	MOTORIZED DOCK LEVELER BY GC, PROVIDE FUSED DISCONNECT AND CONTROL/SAFETY WIRING REQUIRED IN 3/4" CONDUIT
	MOTORIZED MAT HOIST BY GC, PROVIDE FUSED DISCONNECT AND CONTROL/SAFETY WIRING REQUIRED IN 3/4" CONDUIT
	MOTORIZED OVERHEAD DOOR BY GC, PROVIDE LOCAL DISCONNECT/RECEPTACLE AND CONTROL/SAFETY WIRING REQUIRED IN 3/4" CONDUIT
	MOTORIZED PROJECTION SCREEN BY GC, PROVIDE LOCAL DISCONNECT AND CONTROL/SAFETY WIRING REQUIRED IN 3/4" CONDUIT
	MOTORIZED WHEELCHAIR LIFT BY GC, PROVIDE FUSED DISCONNECT, CONTROL/SAFETY WIRING REQUIRED IN 3/4" CONDUIT AND CATEGORY 6 CABLE TO BUILDING DEMARC IN 3/4" CONDUIT
	MOTORIZED SHADE CONTROLLER BY GC, PROVIDE LOW/LINE VOLTAGE BOXES/WIRING/CONDUIT AS REQUIRED. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
	MOTORIZED BASKETBALL BACKSTOP RAISE/LOWER MOTOR BY GC, PROVIDE EXTRA HARD USAGE FLEXIBLE CORD, TWIST LOCK CORD CONNECTOR, MATCHING TWIST LOCK RECEPTACLE AND FINAL CONNECTIONS TO MOTOR
	MOTORIZED BASKETBALL BACKSTOP HEIGHT ADJUSTER MOTOR BY GC, PROVIDE EXTRA HARD USAGE FLEXIBLE CORD, TWIST LOCK CORD CONNECTOR, MATCHING TWIST LOCK RECEPTACLE AND FINAL CONNECTIONS TO MOTOR
	HORIZONTAL SURFACE RACEWAY WITH MATCHING VERTICAL RACEWAY TO ABOVE CEILING FOR DEVICES SHOWN OR INDICATED
	RECESSED PANELBOARD
	SURFACE PANELBOARD
	JUNCTION BOX
	CONDUCTOR
	TRANSFORMER AS SCHEDULED
	METER
	CABLE TRAY

LIGHTING

SYMBOL	DESCRIPTION
	LUMINAIRE - CEILING MOUNTED
	LUMINAIRE - CEILING MOUNTED - NORMAL & EMERGENCY CIRCUITS
	LUMINAIRE - CEILING MOUNTED - EMERGENCY ONLY
	WALL MOUNTED LUMINAIRE
	WALL MOUNTED LUMINAIRE - NORMAL & EMERGENCY CIRCUITS
	WALL MOUNTED LUMINAIRE - EMERGENCY ONLY
	WALL MOUNTED FLOOD OR SPOT LUMINAIRE - EMERGENCY ONLY
	REMOTE HEADS - HEADS AS SCHEDULED OR INDICATED
	EMERGENCY BATTERY UNIT - HEADS AS SCHEDULED OR INDICATED
	CEILING MOUNTED EXIT SIGN - FACES INDICATED BY SHADING
	CEILING MOUNTED EXIT SIGN - HEADS AS SCHEDULED OR INDICATED
	WALL MOUNTED EXIT SIGN - FACES INDICATED BY SHADING
	WALL MOUNTED BATTERY EXIT SIGN - HEADS AS SCHEDULED OR INDICATED
	LUMINAIRE
	LUMINAIRE - NORMAL & EMERGENCY CIRCUITS

LINE VOLTAGE SWITCHING

SYMBOL	DESCRIPTION
	SINGLE POLE SWITCH
	DOUBLE POLE SWITCH
	THREE - WAY SWITCH
	FOUR - WAY SWITCH
	KEY OPERATED SINGLE POLE SWITCH
	KEY OPERATED THREE - WAY SWITCH
	KEY OPERATED FOUR - WAY SWITCH
	EXPLOSION PROOF SINGLE POLE SWITCH
	SINGLE POLE DIMMER SWITCH
	THREE - WAY DIMMER SWITCH
	INDICATOR SWITCH (ILLUMINATED WHEN ON)
	INDICATOR SWITCH (ILLUMINATED WHEN OFF)
	SINGLE BUTTON OCCUPANCY SENSOR SWITCH
	RAISE AND LOWER SWITCH PROVIDED WITH EQUIPMENT UNLESS OTHERWISE NOTED
	TWO BUTTON OCCUPANCY SENSOR SWITCH
	DIGITAL TIME SWITCH
	0-10V DIMMING SWITCH WITH INTEGRAL OCCUPANCY SENSOR

LOW VOLTAGE LIGHTING CONTROLS

SYMBOL	DESCRIPTION
	SINGLE BUTTON DIMMER LOW VOLTAGE DIGITAL WALLSTATION
	SINGLE BUTTON LOW VOLTAGE DIGITAL WALL SWITCH
	TWO BUTTON LOW VOLTAGE DIGITAL WALL SWITCH
	THREE BUTTON LOW VOLTAGE DIGITAL WALL SWITCH
	FOUR BUTTON LOW VOLTAGE DIGITAL WALL SWITCH
	FIVE BUTTON / RAISE LOWER LOW VOLTAGE DIGITAL WALL SWITCH
	FIVE BUTTON / RAISE LOWER WIRELESS DIGITAL WALL SWITCH
	EIGHT BUTTON LOW VOLTAGE DIGITAL WALL SWITCH
	LOW VOLTAGE CORNER CEILING OR WALL MOUNTED OCCUPANCY SENSOR
	WIRELESS CORNER CEILING OR WALL MOUNTED OCCUPANCY SENSOR
	LOW VOLTAGE CEILING MOUNTED OCCUPANCY SENSOR
	WIRELESS CEILING MOUNTED OCCUPANCY SENSOR
	LOW VOLTAGE CEILING MOUNTED OCCUPANCY SENSOR - EXTENDED HEIGHT LENS
	WIRELESS CEILING MOUNTED OCCUPANCY SENSOR - EXTENDED HEIGHT LENS
	LOW VOLTAGE CEILING MOUNTED DIGITAL DAYLIGHT SENSOR
	WIRELESS CEILING MOUNTED DIGITAL DAYLIGHT SENSOR
	DIGITAL LIGHTING CONTROL SYSTEM - 1 RELAY ROOM CONTROLLER AND NETWORK BRIDGE; 0-10V DIMMING
	DIGITAL LIGHTING CONTROL SYSTEM - 2 RELAY ROOM CONTROLLER AND NETWORK BRIDGE; 0-10V DIMMING
	DIGITAL LIGHTING CONTROL SYSTEM - 3 RELAY ROOM CONTROLLER AND NETWORK BRIDGE; 0-10V DIMMING
	DIGITAL LIGHTING CONTROL SYSTEM - 1 RELAY ROOM CONTROLLER AND NETWORK BRIDGE; UNIVERSAL DIMMING
	DIGITAL LIGHTING CONTROL SYSTEM - 2 RELAY ROOM CONTROLLER AND NETWORK BRIDGE; UNIVERSAL DIMMING
	DIGITAL PLUG LOAD ROOM CONTROLLER
	DIGITAL PARTITION CONTROL WITH SINGLE POLE SWITCH FOR CONTROL
	EMERGENCY LIGHTING CONTROL DEVICE
	BORDER ROUTER WITH POWER BOOSTER
	EXTERIOR DAYLIGHT SENSORS WITH INPUT MODULE
	LIGHTING CONTROL SYSTEM - SEGMENT MANAGER & ASSOCIATED EQUIPMENT WITH ENCLOSURE AND DATA CONNECTION
	LIGHTING CONTROL SYSTEM - NETWORK SWITCH WITH ENCLOSURE

SITE LIGHTING

SYMBOL	DESCRIPTION
	SINGLE LUMINAIRE ON POLE
	DOUBLE LUMINAIRE ON POLE
	TRIPLE LUMINAIRE ON POLE
	QUAD LUMINAIRE ON POLE
	BOLLARD (OR SMALL LUMINAIRE FOR WALKWAY)
	FLOOD LIGHT - MOUNT AS REQUIRED

FIRE ALARM

SYMBOL	DESCRIPTION
	PHOTOELECTRIC SMOKE DETECTOR - CEILING MOUNTED
	HEAT DETECTOR
	HIGH HEAT DETECTOR - CEILING MOUNTED
	DUCT SMOKE DETECTOR - WITH REMOTE TEST SWITCH
	IONIZATION SMOKE DETECTOR - CEILING MOUNTED
	CARBON DIOXIDE DETECTOR
	BEAM DETECTOR
	CARBON MONOXIDE DETECTOR
	SMOKE/CARBON MONOXIDE DETECTOR
	CEILING MOUNTED FIRE ALARM AUDIO DEVICE (SHADED TRIANGLE INDICATES LOW FREQUENCY 520Hz)
	CEILING MOUNTED FIRE ALARM VISUAL DEVICE
	CEILING MOUNTED FIRE ALARM AUDIO/VISUAL DEVICE (SHADED TRIANGLE INDICATES LOW FREQUENCY 520Hz)
	WALL MOUNTED FIRE ALARM AUDIO DEVICE (SHADED TRIANGLE INDICATES LOW FREQUENCY 520Hz)
	WALL MOUNTED FIRE ALARM VISUAL DEVICE
	WALL MOUNTED FIRE AUDIO/VISUAL DEVICE (SHADED TRIANGLE INDICATES LOW FREQUENCY 520Hz)
	WALL MOUNTED MANUAL PULL STATION
	RELAY AND/OR MONITORING DEVICE AS REQUIRED BY THE APPLICATION REQUIREMENTS
	KNOX BOX
	MAGNETIC DOOR HOLDER
	SPRINKLER PRESSURE SWITCH
	SPRINKLER FLOW SWITCH
	SPRINKLER TAMPER SWITCH
	SMOKE DAMPER
	WIRE GUARD
	PROTECTIVE COVER
	WEATHERPROOF
	AREA OF RESCUE ASSISTANCE PANEL
	AREA OF RESCUE ASSISTANCE REMOTE STATION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM SIGNAL EXTENDER PANEL
	FIRE ALARM LCD ANNUNCIATOR
	FIRE ALARM GRAPHIC / LCD ANNUNCIATOR
	FIRE ALARM COMMAND CENTER
	FIRE ALARM RECORD DOCUMENT BOX
	FIRE ALARM ADDRESSABLE MODULE DEVICE AND ASSOCIATED WIRING FOR MUTING THE AUDIO SYSTEM
	FIRE ALARM ADDRESSABLE MODULE DEVICE AND ASSOCIATED WIRING FOR USE WITH THE MECHANICAL EQUIPMENT BUILDING MANAGEMENT SYSTEM (BMS)
	FIRE ALARM ADDRESSABLE MODULE DEVICE AND ASSOCIATED WIRING FOR MONITORING STAND-ALONE CLEAN AGENT FIRE SUPPRESSION SYSTEM
	FIRE ALARM ADDRESSABLE MODULE DEVICE AND ASSOCIATED WIRING FOR MONITORING STAND-ALONE FIRE SUPPRESSION SYSTEMS USED IN DUST COLLECTION SYSTEM
	FIRE ALARM ADDRESSABLE MODULE DEVICES AND ASSOCIATED WIRING FOR MONITORING AND CONTROLLING ELEVATOR CONTROL
	FIRE ALARM ADDRESSABLE MODULE DEVICES AND ASSOCIATED WIRING FOR MONITORING THE FIRE PUMP CONTROLLER/ATS
	FIRE ALARM ADDRESSABLE MODULE DEVICES AND ASSOCIATED WIRING FOR MONITORING AND CONTROLLING THE MOTORIZED SECURITY GATE OR FIRE DOOR
	FIRE ALARM ADDRESSABLE DEVICE AND ASSOCIATED WIRING FOR USE WITH THE MAGNETIC DOOR HOLD OPEN RELEASE
	FIRE ALARM ADDRESSABLE MODULE DEVICES AND ASSOCIATED WIRING FOR INPUT INTERFACE TO THE BUILDING INTRUSION SYSTEM AND/OR CARD ACCESS SYSTEM
	FIRE ALARM ADDRESSABLE MODULE DEVICES AND ASSOCIATED WIRING FOR MONITORING KITCHEN EXHAUST HOOD FIRE SUPPRESSION SYSTEM AND CONTROLLING THE ASSOCIATED SUPPLY/EXHAUST FANS, GAS AND ELECTRICAL EQUIPMENT LOCATED BELOW THE KITCHEN HOOD
	FIRE ALARM ADDRESSABLE MODULE DEVICES AND ASSOCIATED WIRING FOR INTERFACE WITH THE LIGHTING CONTROL SYSTEM PANEL TO TURN ON DESIGNATED LIGHTING CIRCUITS.
	FIRE ALARM ADDRESSABLE MODULE DEVICES AND ASSOCIATED WIRING FOR MONITORING AND CONTROLLING THE ELEVATOR POWER CONTROL MODULE/DISCONNECT
	FIRE ALARM ADDRESSABLE DEVICE AND ASSOCIATED WIRING FOR MONITORING AND CONTROLLING A FIRE/SMOKE DAMPER
	FIRE ALARM ADDRESSABLE MODULE DEVICE AND ASSOCIATED WIRING FOR MISC. EQUIPMENT

GENERAL ELECTRICAL NOTES:

1. THE ENTIRE ELECTRICAL INSTALLATION SHALL COMPLY WITH THE NEC AND ALL LOCAL, STATE AND NATIONAL CODES.
2. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES.
3. THERE WILL BE MULTIPLE LABOR AND INDUSTRY, TOWNSHIP, OWNER, ARCHITECT AND ENGINEER INSPECTIONS THAT WILL NEED TO BE SATISFIED BY THE ELECTRICAL CONTRACTOR.
4. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT, WHETHER SPECIFIED OR NOT, TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM.
5. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT PENETRATIONS THROUGH CHASES, WALLS OR FLOORS WHICH ARE FIRE-RATED. THE ELECTRICAL CONTRACTOR SHALL UNDER THE DIRECTION OF THE ARCHITECT, PROPERLY SEAL ALL PENETRATIONS TO MAINTAIN FIRE PROTECTION RATING. REFER TO THE ARCHITECTURAL DRAWINGS FOR FIRE RATED PARTITIONS.
6. NOT ALL SYMBOLS SHOWN ON THIS DRAWING ARE USED ON THIS PROJECT.
7. ONE OR MORE ATTRIBUTES MAY BE ADDED TO A BASIC SYMBOL TO SPECIFY ADDITIONAL REQUIREMENTS FOR THE DEVICE DESCRIBED BY THE BASIC SYMBOL.
8. REFER TO SPECIFICATIONS FOR PANELBOARD AND LUMINAIRE SCHEDULES.

EAGLE BUILDING SOLUTIONS
MIXED-USE BUILDING

E MAIN ST & N OAK ST
LINTZ, PA 17543

NO. DATE RELEASE

Issue Date: 02/02/24

Drawn By: A-JF

Checked By: TET

Project Number:

E001

BH JOB NO. 23-015

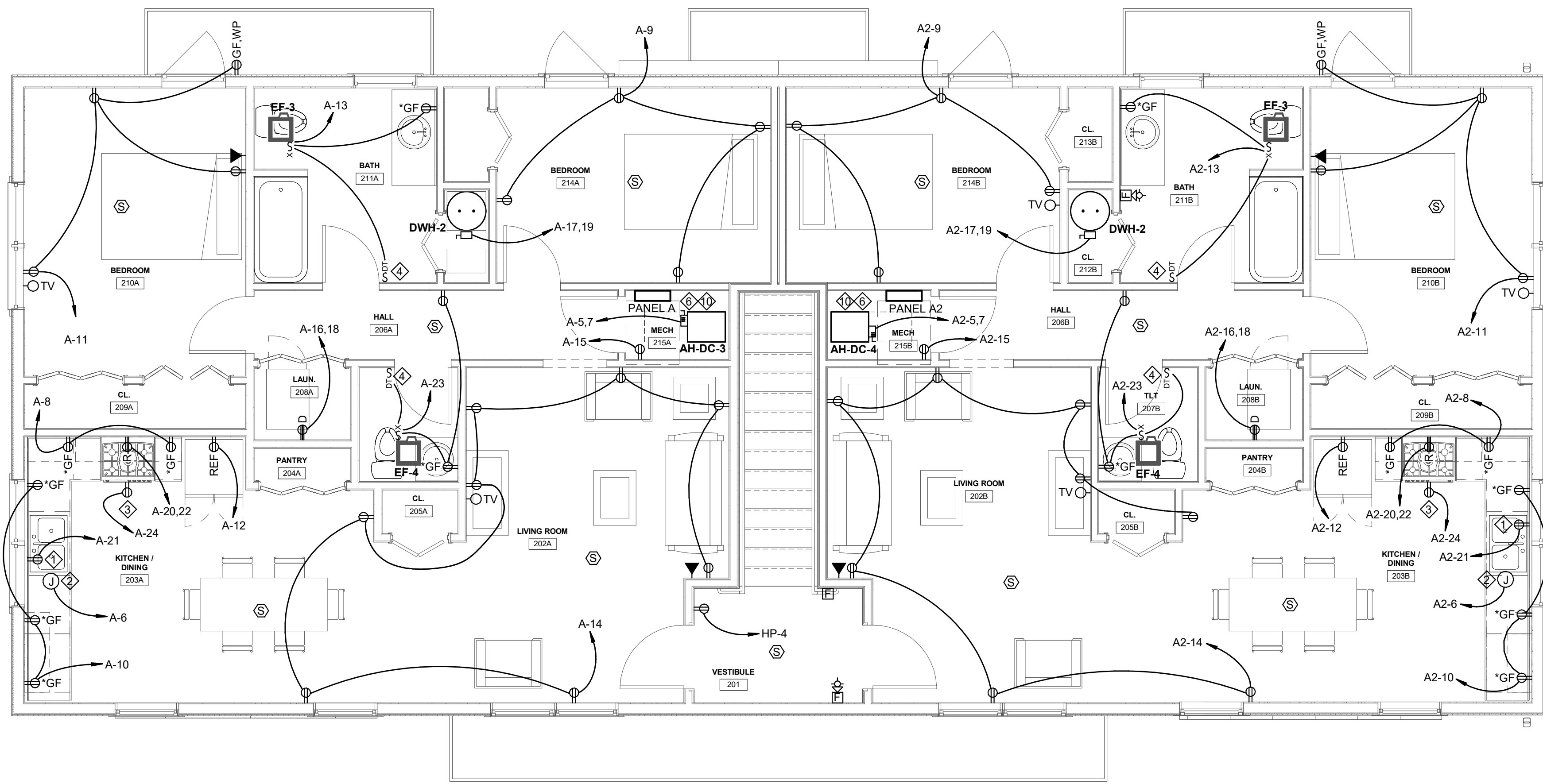
Issue Date: 02/02/24

Drawn By: A-JF

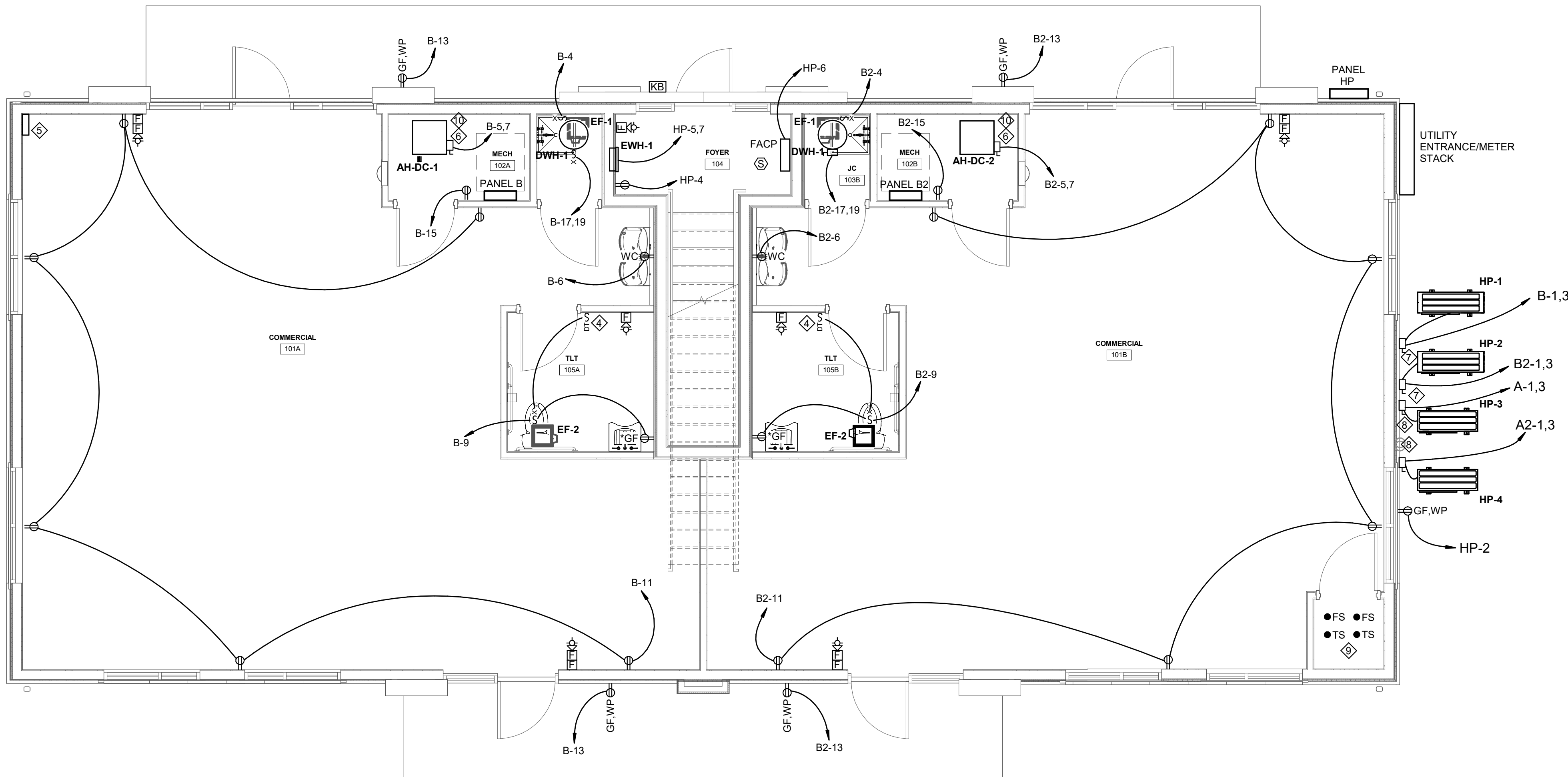
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Project Number:

E001



② SECOND FLOOR PLAN - POWER
1/4" = 1'-0"



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

- GENERAL NOTES:**
- RECEPTACLE LOCATIONS SHOWN ARE APPROXIMATE ADJUST SPACING AS REQUIRED TO MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE.
 - GROUND FAULT RECEPTACLES SHALL BE LAST DEVICE BEFORE PANEL HOMERUN.
 - ALL RECEPTACLE SHALL BE TAMPER RESISTANT.
 - ALL OUTDOOR RECEPTACLES SHALL BE WEATHER RESISTANT WITH IN-USE WEATHERPROOF COVER.
 - 120V WIRED SMOKE DETECTORS IN EACH APARTMENT SHALL BE INTERCONNECTED SO THAT IF ONE DETECTOR ALARMS THE OTHER DETECTORS IN THAT APARTMENT WILL ALARM AS WELL.
 - MOUNT AND ORIENT DISCONNECT SWITCHES IN HVAC CLOSET AS REQUIRED TO PROVIDE WORKING CLEARANCE WHEN CLOSET DOOR IS OPEN. COORDINATE MOUNTING LOCATION WITH ACCESS PANELS OF HVAC EQUIPMENT.

- DRAWING NOTES:**
- PROVIDE RECEPTACLE AND SWITCH IN CABINET FOR GARBAGE DISPOSAL.
 - JUNCTION BOX AND FINAL CONNECTION TO DISHWASHER.
 - MOUNT RECEPTACLE IN CABINET ABOVE MICROWAVE.
 - PROVIDE DIGITAL TIME SWITCH FOR EXHAUST FAN AND SEPARATE SWITCH FOR LIGHTS.
 - PROVIDE 1' X 1' X 4"D NEMA 1 ENCLOSURE ABOVE ACCESSIBLE CEILING FOR TELECOMMUNICATIONS SERVICE CONDUITS. COORDINATE FINAL LOCATION WITH OWNER.
 - PROVIDE NEMA 1, 240V, 30A/2P DISCONNECT SWITCH FUSED PER EQUIPMENT MOC.
 - PROVIDE NEMA 3R, 240V, 60A/2P DISCONNECT SWITCH FUSED PER EQUIPMENT MOC.
 - PROVIDE NEMA 3R, 240V, 30A/2P DISCONNECT SWITCH FUSED PER EQUIPMENT MOC.
 - PROVIDE MONITORING OF THE SPRINKLER FLOW AND TAMPER SWITCHES AS REQUIRED FROM THE FIRE ALARM PANEL. COORDINATE QUANTITY OF SWITCHES WITH SPRINKLER DRAWINGS.
 - AIR HANDLER FAN IS POWERED FROM ASSOCIATED OUTDOOR UNIT.

EAGLE BUILDING SOLUTIONS
MIXED-USE BUILDING

E MAIN ST & N OAK ST
LITITZ, PA 17543

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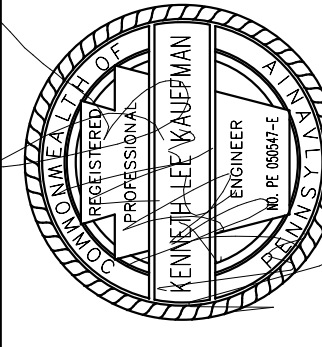
FLOOR PLANS -
POWER

Sheet Number
E201

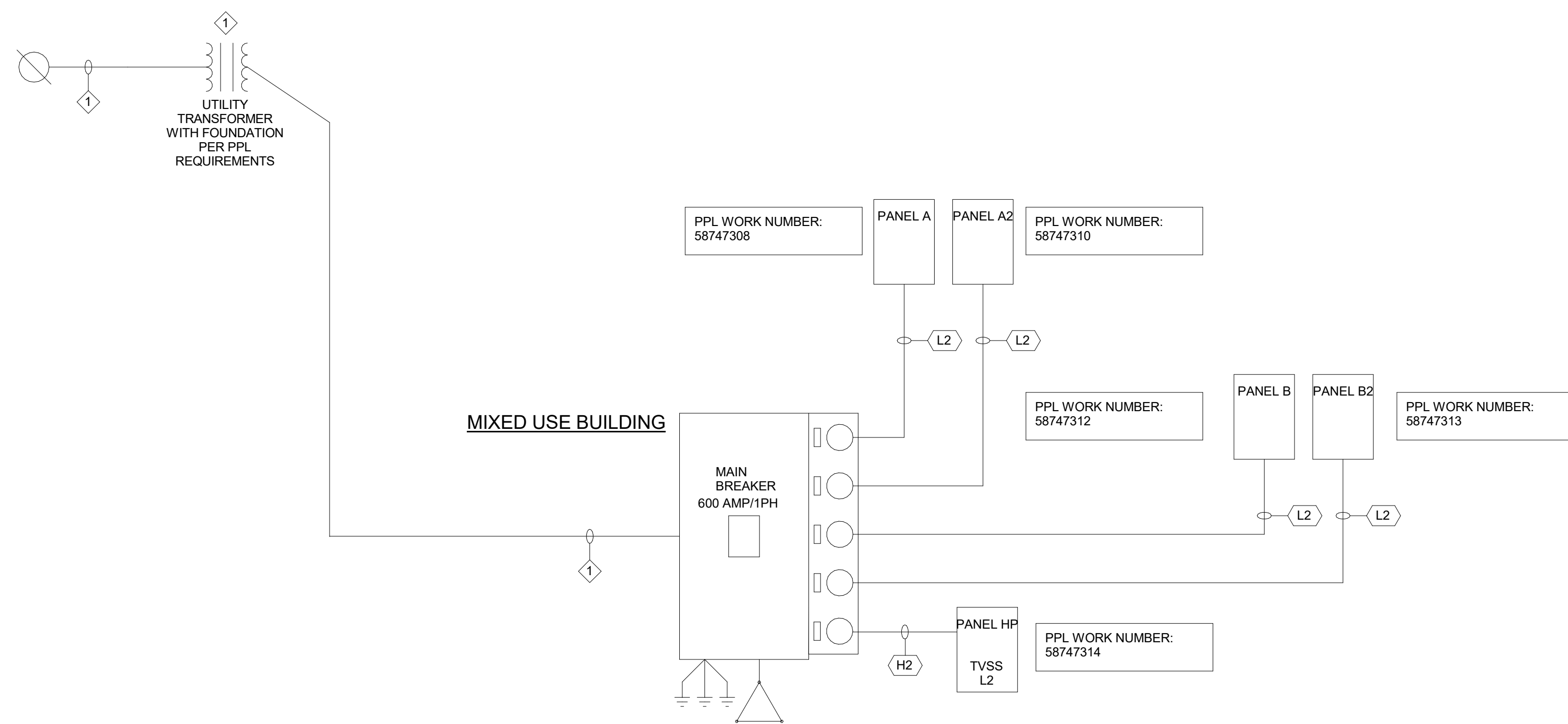
BH JOB NO. 23-015

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MIXED-USE BUILDING - POWER RISER DIAGRAM
NO SCALE

GENERAL NOTES:

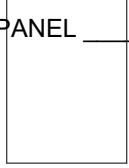
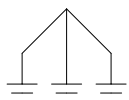
1. REFER TO SPECIFICATIONS FOR PANELBOARD SCHEDULES.

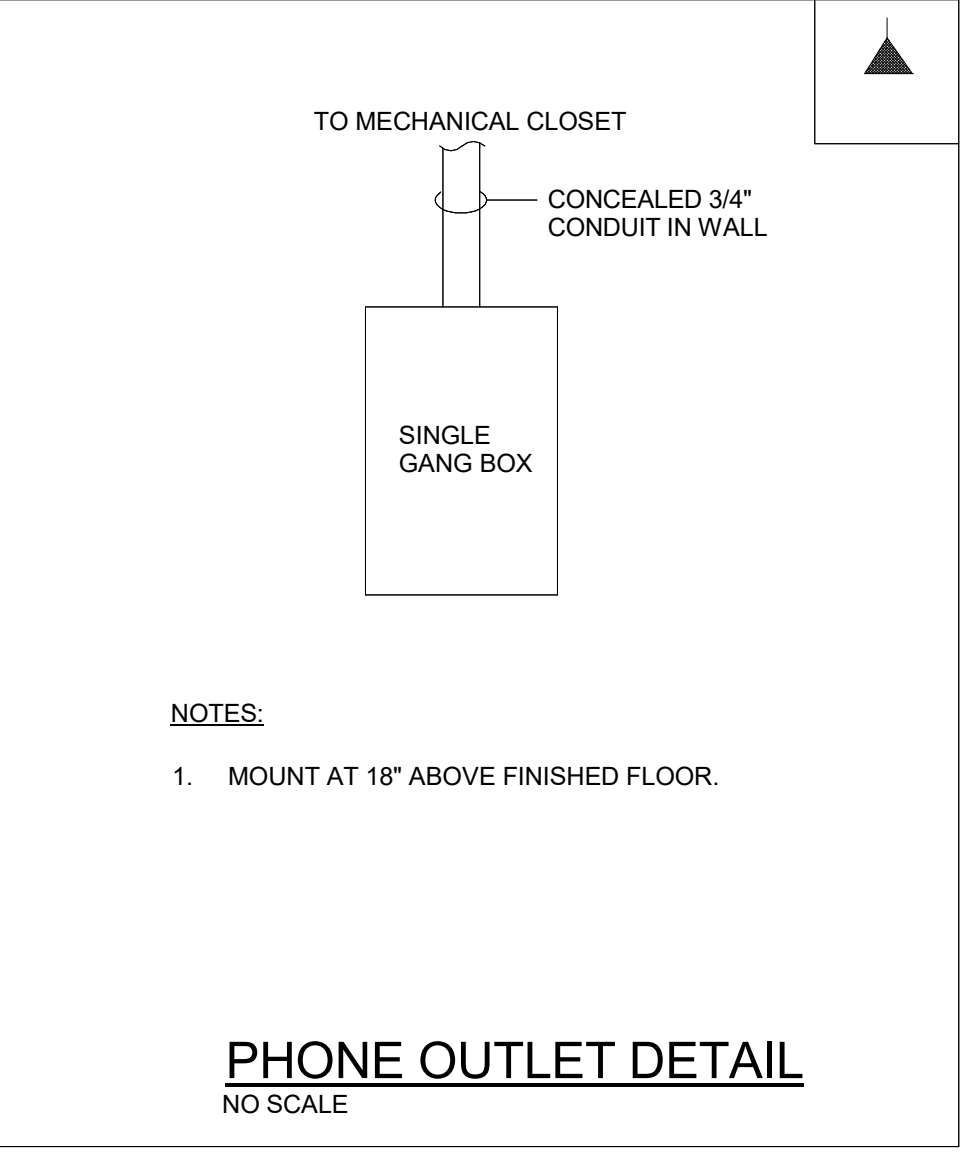
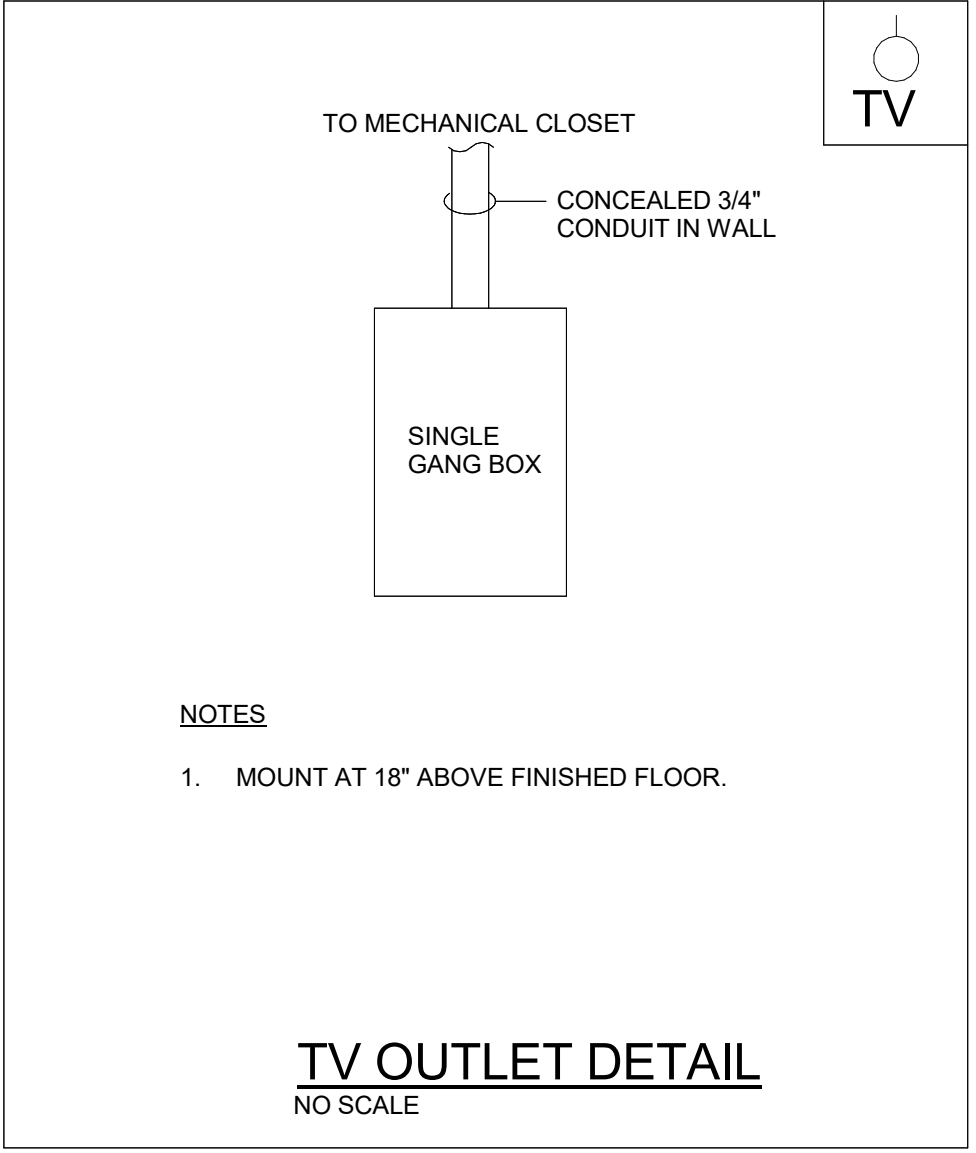
NOTES:

1. CONDUITS FOR UTILITY COMAPNY PROVIDED UNDER SITE CONTRACT.

WIRE AND CONDUIT SCHEDULE (1 PHASE)								
CIRC. MARK	QUAN. SETS	PHASE		NEUTRAL		GND. SIZE	CONDUIT	
		QUAN.	SIZE	QUAN.	SIZE		QUAN.	SIZE
H2	1	2	1	1	1	6	1	1-1/4"
J2	1	2	1/0	1	1/0	6	1	1-1/2"

SYMBOL SCHEDULE

	PANELBOARD, PROVIDE INTEGRAL EQUIPMENT WHEN INDICATED.
	SELF CONTAINED UTILITY METERBASE
	UTILITY POLE
	UTILITY METER, COORDINATE EXACT LOCATION WITH UTILITY COMPANY REQUIREMENTS
	PROVIDE A SEPARATE #30 GROUNDING CONDUCTOR TO EACH OF THE FOLLOWING: - COUNTERPOISE - FOUNDATION FOOTER REBAR - UTILITY SIDE OF WATER METER SERVICE - BUILDING STEEL
	GROUND CONNECTION PER NEC
	GROUNDING COUNTERPOISE SYSTEM PER SPECIFICATIONS
	CIRCUIT CONDUCTOR REFERENCE
	FEEDER CIRCUIT



GENERAL NOTE:

1. PROVIDE ROUGH-IN ONLY FOR ALL LOW VOLTAGE DEVICES. ALL OUTLET JACKS, WIRING , EQUIPMENT AND CONNECTIONS SHALL BE BY OWNER'S LOW VOLTAGE CONTRACTORS.