

TIOGA DOWNS RECEPTION CENTER

NICHOLS, NEW YORK



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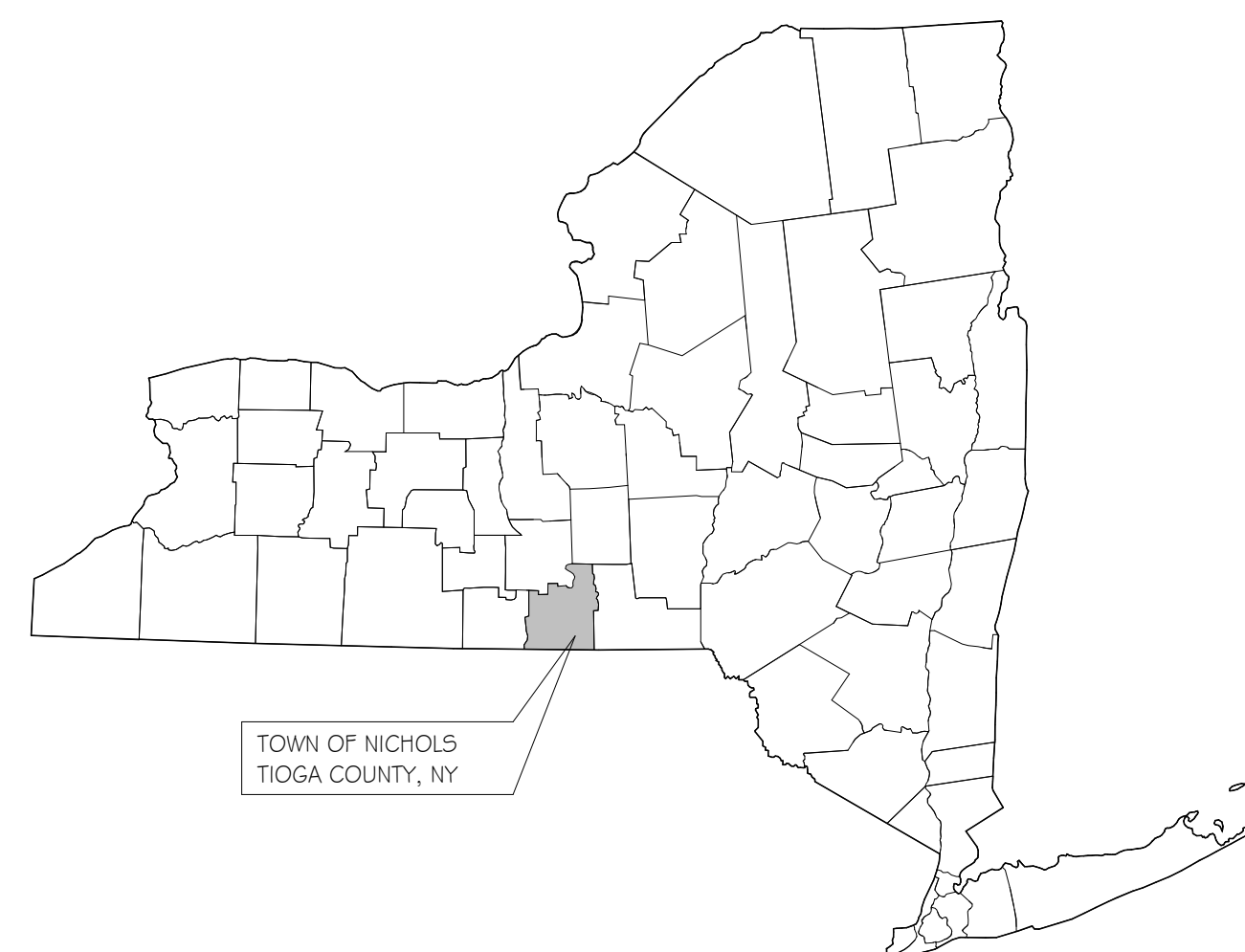
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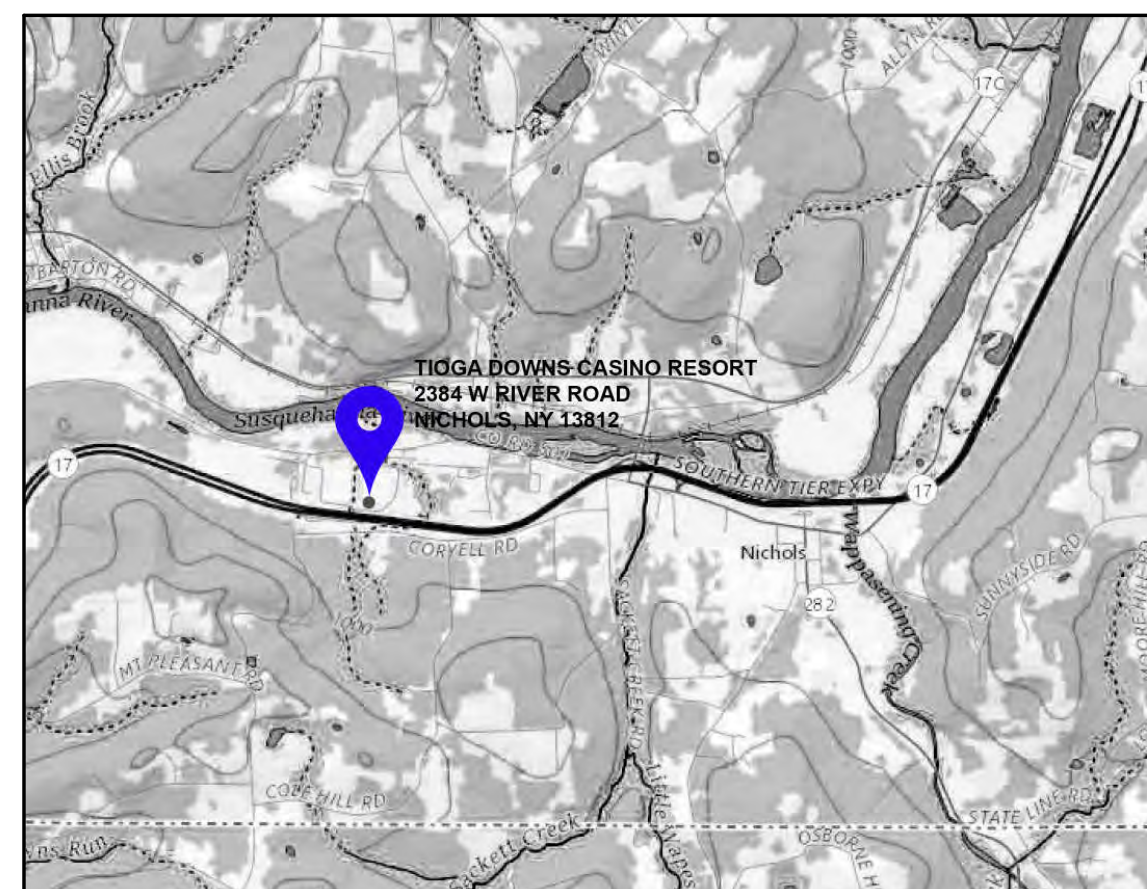
PROJECT LOCATION MAPS

TIOGA COUNTY, NY



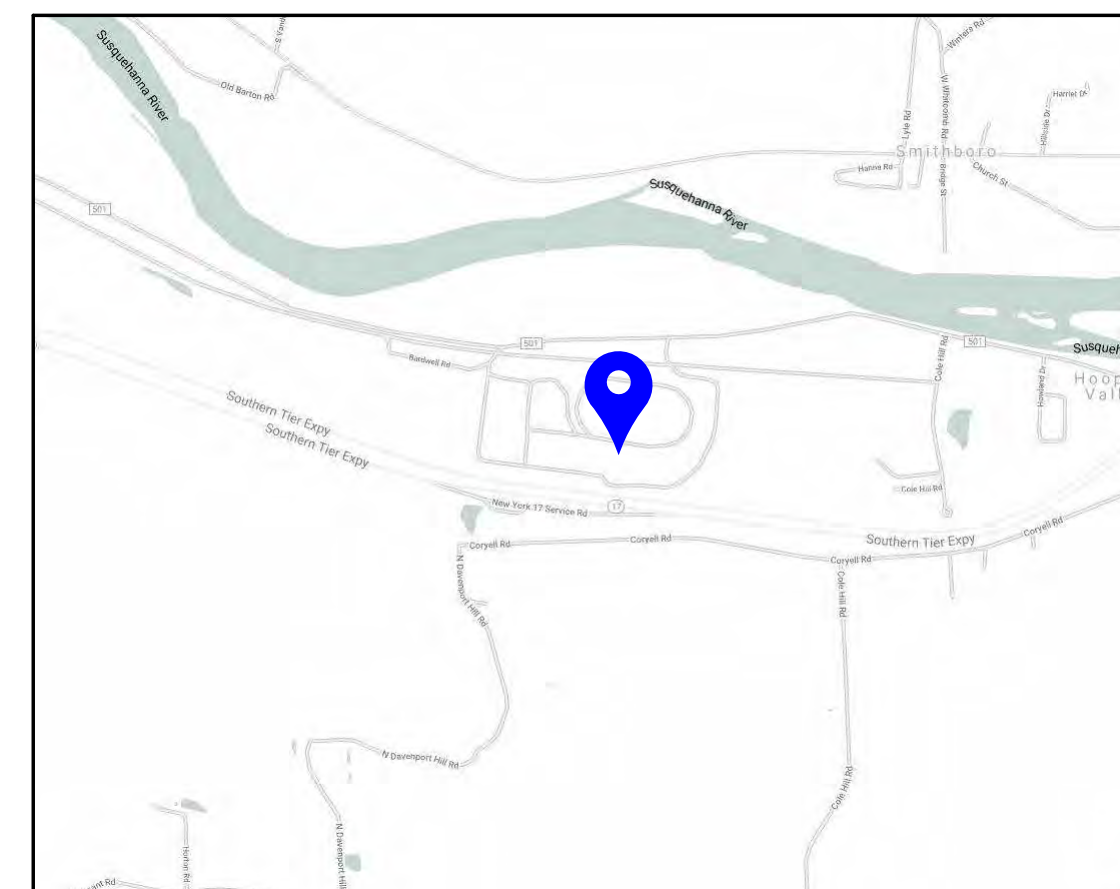
VICINITY MAP

2384 W RIVER ROAD NICHOLS, NY 13812



LOCATION MAP

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PROJECT
TIOGA DOWNS RECEPTION CENTER
 2384 WEST RIVER ROAD,
 NICHOLS, NY 13812

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SITework SYMBOLS

	CONTROL POINT
	UTILITY POLE W ANCHOR
	SIGN
	EXG. WATER VALVE
	NEW WATER VALVE
	UTILITY POLE W LIGHT
	STREET LIGHT
	EXG. FIRE HYDRANT
	NEW FIRE HYDRANT
	CATCH BASIN / DRYWELL
	CURB BOX VALVE
	EXISTING DECIDUOUS TREE
	EXISTING CONIFEROUS TREE
	EXG. ELEVATION
	NEW ELEVATION
	EXISTING MANHOLE
	NEW MANHOLE
	EDGE OF STREAM OR SWALE
	SHRUBBERY, WOODS
	EXISTING CULVERT
	NEW CULVERTS WITH END SECTION
	TEST PIT
	TEST HOLE
	RIP RAP
	COORDINATE POINT LOCATION
	5/8" REBAR W SURVEY CAP SET
	*LINES SHOWN AS SCREENED (GRAY) DENOTE EXISTING

SITework SYMBOLS

	NEW CONTOUR*
	EXISTING ELECTRIC*
	WATER LINE*
	SANITARY LINE*
	TELEPHONE LINE*
	STORM SEWER*
	OVERHEAD ELECTIC*
	UNDERGROUND ELECTRIC*
	ROAD CENTER LINE*
	GAS LINE
	ORIGINAL LOT LINE
	DEED LINE
	PROPERTY LINE
	EXISTING FENCE
	NEW FENCE
	GUARD RAIL
	EASEMENT LINE
	CONCRETE MONUMENT
	EXISTING IRON ROD
	EXISTING IRON PIPE
	UTILITY POLE

PLUMBING SYMBOLS

	SPRINKLER HEAD
	VOLUME DAMPER
	NATURAL GAS PIPING
	BELOW SLAB SANITARY PIPING
	ABOVE SLAB SANITARY PIPING
	BELOW SLAB STORM (ROOF DRAINAGE) PIPING
	ABOVE SLAB STORM (ROOF DRAINAGE) PIPING
	SANITARY VENT PIPING
	CONDENSATE DRAIN PIPING
	EXISTING PIPING TO REMAIN
	EXISTING PIPING AND EQUIPMENT TO BE REMOVED
	CHECK VALVE
	FLOOR PENETRATION
	ACID WASTE
	ACID VENT
	HOT WATER SUPPLY PIPING
	HOT WATER RETURN PIPING
	CONDENSATE DRAIN PIPING
	REFRIGERANT SUCTION PIPING
	REFRIGERANT LIQUID PIPING
	EXG. PIPING & EQUIPMENT TO REMAIN
	SHUT-OFF VALVE
	TOP PIPE CONNECT
	BOTTOM PIPE CONNECT
	BALANCING VALVE/AUTOMATIC FLOW CONTROL FITTING/SPRINKLER UPRIGHT
	DUPLEX RECEPTACLE WALL MOUNTED GFI - GROUND FAULT CIRCUIT INTERRUPT
	ISOLATED GROUND TYPE WEATHERPROOF HOUSING AC - MNT. ABOVE COUNTER BACKSPASH BC - MNT. BELOW COUNTER
	POINT OF CONNECTION

HVAC SYMBOLS

	DUCT W/ MANUAL VOLUME DAMPER
	SUPPLY AIR DIFFUSER
	GRILLE OR REG.
	FIRE DAMPER
	THERMOSTAT
	THERMOSTAT W/ GUARD
	SENSOR
	MITERED ELBOW W/ TURNING VANES
	FIRST NUMBER IS SIZE SHOWN FOR DUCT WIDTH
	POINT OF CONNECTION
	DUCT DOWN
	DUCT UP
	DUCT PENETRATION THRU FLOOR OR ROOF ABOVE SUPPLY
	DUCT PENETRATION THRU FLOOR OR ROOF ABOVE EXHAUST OR RETURN
	AUTOMATIC DAMPER
	DIFFUSER NUMBER CFM
	GRILLE NUMBER CFM
	REGISTER NUMBER CFM

ELECTRIC SYMBOLS

	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MAGNETIC CONTRACTOR
	COMBINATION MAGNETIC MOTOR STARTER & FUSED DISCONNECT SWITCH
	FLUSH WALL MOUNTED POWER PANEL BD.
	SURFACE MOUNTED POWER PANEL BD.
	MOTOR TYPE ELECTRICAL LOAD
	HAND DRYER / HAIR DRYER ELEC. LOAD
	AHU - AIR HANDLING UNIT
	FC - FAN COIL UNIT
	P - PUMP
	EF - EXHAUST FAN
	CU - CONDENSING UNIT
	DUPLEX RECEPTACLE WALL MOUNTED GFI - GROUND FAULT CIRCUIT INTERRUPT
	ISOLATED GROUND TYPE WEATHERPROOF HOUSING AC - MNT. ABOVE COUNTER BACKSPASH BC - MNT. BELOW COUNTER
	SPECIAL RECEPTACLE W/ NEMA CONFIGURATION SHOWN
	FLOOR RECEPTACLE
	QUAD RECEPTACLE

ELECTRIC SYMBOLS

	TOGGLE SWITCH
	KEYED TYPE TOGGLE SWITCH
	DIMMER SWITCH
	OCCUPANCY SENSOR TYPE SWITCH
	CEILING MOUNTED LIGHT FIXTURE
	WALL MOUNTED LIGHT FIXTURE
	TRACK LIGHTING W/ FIXTURES
	STRIP TYPE LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	EXISTING RECESSED LIGHT FIXTURE
	PENDANT MOUNTED LIGHT FIXTURE
	CEILING MOUNTED EMERGENCY EXIT SIGN (SINGLE FACE)
	CEILING MOUNTED EMERGENCY EXIT SIGN (DUAL FACE)
	ILLUMINATED "AREA OF RESCUE ASSISTANCE" SIGNAGE
	CEILING MOUNTED OCCUPANCY SENSOR
	DAYLIGHT HARVESTING SENSOR
	FIRE ALARM ANNUNCIATOR
	FIRE ALARM CONTROL PANEL
	"AREA OF RESCUE ASSISTANCE" CONTROL STATION
	MANUAL FIRE ALARM PULL STATION
	CARBON MONOXIDE DETECTOR
	FIXED HEAT DETECTOR
	SMOKE DETECTOR
	DUCT SMOKE DETECTOR
	FIRE ALARM VISUAL ANNUNCIATOR
	FIRE ALARM AUD.-VIS. ANNUNCIATOR
	MAGNETIC DOOR HOLDER
	MAG. DOOR HOLDER (W) EXTENSION
	DATA PORT
	WALL MOUNTED FULL FEATURE TELEPHONE & JACK
	WALL MOUNTED CLOCK
	WALL MOUNTED PA SPEAKER
	CLOCK / SPEAKER IN INTEGRAL HOUSING
	PUBLIC ADDRESS SYSTEM "CALL" PUSHBUTTONS
	TV
	SINGLE TELEVISION JACK
	HOME RUN OF WIRE AND CONDUIT

TECHNOLOGY SYMBOLS

	CABLE TRAY
	FIBER OPTICAL CABLING
	MULTI COMPARTMENT POWER POLE
	FLOOR BOX
	FULL BOX
	MULTI COMPARTMENT SURFACE RACEWAY
	CATEGORY 6 DATA OUTLET
	WIRELESS ACCESS POINT W/ CAT. 6A CABLING
	WALL MOUNT STYLE CAT. 6 TELEPHONE OUTLET
	CATEGORY 6 TELEPHONE OUTLET
	IP TELEPHONE LOCATION
	CEILING MOUNT SPEAKER
	WALL MOUNT SPEAKER
	HORN TYPE SPEAKER
	SPEAKER VOLUME CONTROL
	CLOCK / SPEAKER
	CLOCK
	TELEVISION OUTLET
	PROJECTOR
	INTERACTIVE BOARD
	AUDIO / VIDEO CONNECTIONS TO PROJECTOR
	SECURITY CAMERA
	CARD READER
	INTERCOM
	DOOR CONTACT SWITCH
	REQUEST TO EXIT SENSOR
	ELECTRIC DOOR LOCK DEVICE (DOOR STRIKE)
	LIGHTING ARRESTOR
	COMMUNICATIONS RACEWAY DEVICE LOCATION
	COMMUNICATIONS BACKBOX LOCATION

GENERAL SYMBOL ANNOTATIONS:
 "E" = EXISTING TO REMAIN
 "R" = EXISTING TO BE REPLACED
 "RE" = EXISTING TO BE RELOCATED
 "WG" = PROVIDE WIRE GUARD
 "W-MT" = WALL MOUNT

ARCHITECTURAL SYMBOLS

	ROOM NAME AREA
	BUILDING SECTION CALLOUT
	WALL SECTION / DETAIL SECTION
	INTERIOR ELEVATION CALLOUT
	EXTERIOR ELEVATION CALLOUT
	DETAIL / TITLE NUMBER
	COLUMN GRID LINE
	CUT LINE
	MATCH LINE
	CENTERLINE
	ELEVATION INDICATOR
	CASEWORK NUMBER & TYPE - REFER TO CASEWORK SCHEDULE
	WINDOW NUMBER
	DOOR NUMBER
	WALL PARTITION TYPE
	DEMOLITION KEYNOTE
	DRAWING KEYNOTE
	MARKERBOARD AND TACKBOARD TYPES
	TOILET ACCESSORY TAG
	FIRE EXTINGUISHER CABINET
	ELEVATION MARK OR COORDINATE POINT
	ROOF DRAIN
	SLOPE
	VENT PIPE
	EXHAUST HOOD
	NEW CONSTRUCTION
	EXISTING CONSTRUCTION TO REMAIN
	DEMOLITION WORK

	EARTH / COMPACT FILL
	POROUS FILL / GRAVEL
	CONCRETE / STRUCTURAL CONCRETE
	SAND / ARCHITECTURAL PRECAST CONCRETE
	BRICK / BRICK PAVERS
	CONCRETE MASONRY
	STEEL
	FINISH WOODWORK
	NOMINAL CUT LUMBER, CONTINUOUR BLOCKING
	BLOCKING, SHIM
	PLYWOOD / PARTICLEBOARD
	PLASTIC / SOLID SURFACE
	BATT INSULATION
	RIGID INSULATION
	FIREPROOFING
	GLAZING
	LATH AND PLASTER
	CARPET
	TERRAZZO
	CERAMIC TILE - SECTION
	GYPSTUM WALL BOARD

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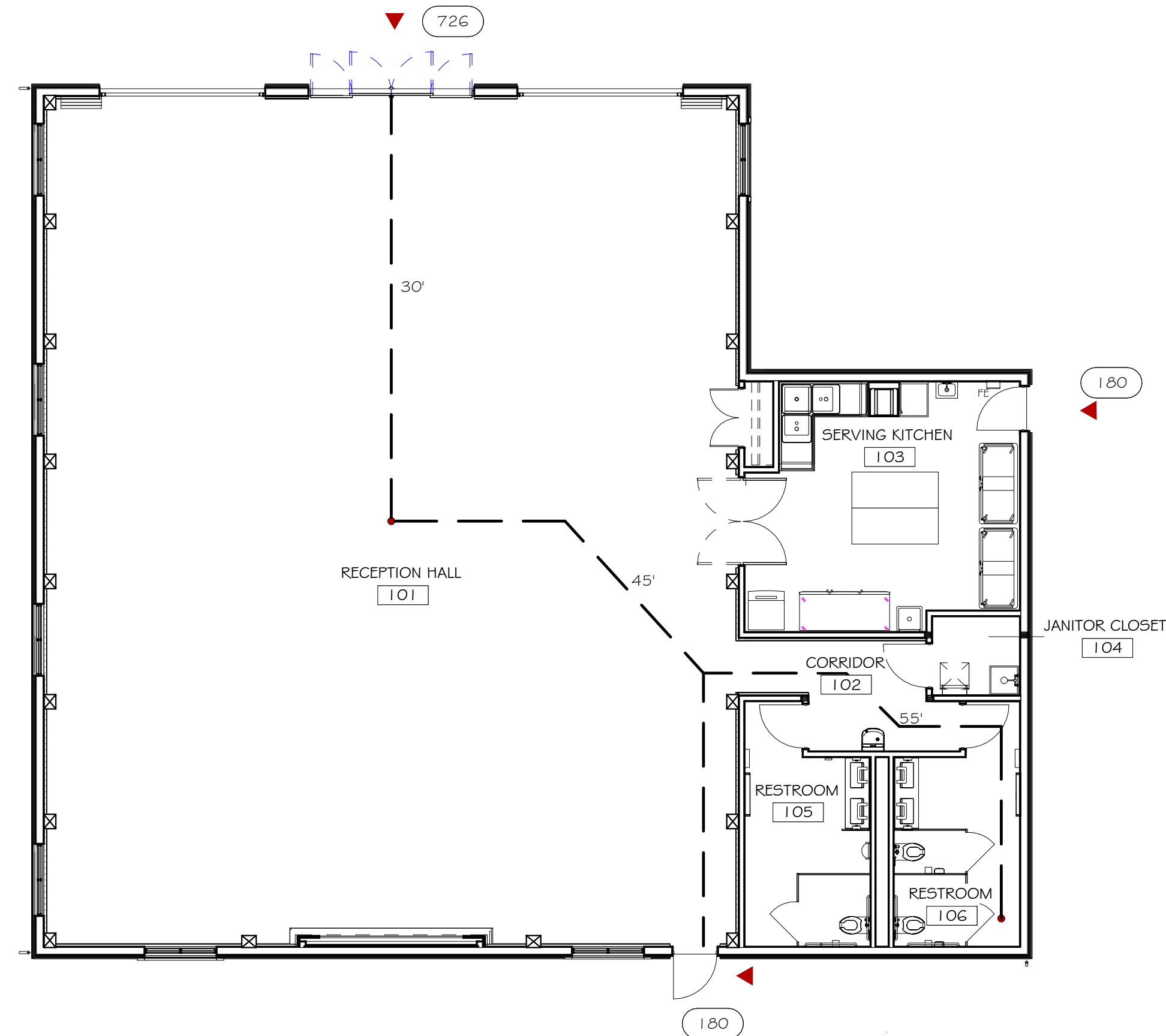
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1 FIRST FLOOR FIRE & LIFE SAFETY PLAN
N.T.S.

FIRE & LIFE SAFETY SYMBOLS

- WALL MOUNTED PORTABLE FIRE EXTINGUISHER W/SIGNAGE
- EGRESS PATH
- ACCESSIBLE ENTRANCE
- EGRESS CAPACITY

PROJECT CODE INFORMATION

THE BUILDING SHALL BE IN COMPLIANCE WITH THE MOST RECENT VERSION OF THE FOLLOWING CODES:

- 2020 BUILDING CODE OF NEW YORK STATE (NYSBC)
- 2020 ENERGY CONSERVATION CODE OF NY YORK STATE (NYSECC)
- 2020 FIRE CODE OF NEW YORK STATE (NYSFC)
- 2020 MECHANICAL CODE OF NEW YORK STATE (NYSMC)
- 2020 PLUMBING CODE OF NEW YORK STATE (NYSPC)
- 2014 NATIONAL ELECTRICAL CODE (NEC)
- 2013 ICC/ANSI A117.1
- CURRENT NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

EXISTING BUILDING INFO					
DESCRIPTION	NOTES	SECTION			
RECEPTION CENTER					
CLASSIFICATION OF WORK	NEW BUILDING	--	NYSEBC 901		
OCCUPANCY CLASS AND SQUARE FOOTAGE					
OCCUPANCY	CLASS	SQ. FT.	NOTES	SECTION	
ASSEMBLY	A-2	3,775		NYSBC 303.3	
		3,775	TOTAL EXISTING		
CONSTRUCTION TYPE					
OCCUPANCY	CONST. TYPE	NOTES		SECTION	
A-2	--			NYSBC 602.5	
CONSTRUCTION TYPE REQUIREMENTS					
BUILDING ELEMENT	RATING	CONST. TYPE	NOTES	SECTION	
STRUCTURAL FRAME	0	IV	HEAVY TIMBER	NYSBC TABLE 601	
BEARING WALLS (EXT.)	2	IV			
BEARING WALLS (INT.)	1 / HT	IV			
NON-BEARING WALLS (EXT.)	0	IV	30' FIRE SEPARATION DISTANCE	TABLE 602	
NON-BEARING WALLS (INT.)	1	IV	2304.11.2.2 AT TIMBER FRAMES	NYSBC TABLE 601	
FLOOR CONSTRUCTION	0	IV	HEAVY TIMBER		
ROOF CONSTRUCTION	0	IV	HEAVY TIMBER		
ALLOWABLE HEIGHTS AND AREA					
REQUIREMENT	ALLOWABLE	ACTUAL	NOTES	SECTION	
BUILDING HEIGHT	65'-0"	35'-0"	--	NYSBC TABLE 504.3	
NUMBER OF STORIES	3 STORIES	1 STORIES	--	NYSBC TABLE 504.4	
SQUARE FOOTAGE	15,000	3,775	--	NYSBC TABLE 506.2	
FIRE PROTECTION SYSTEMS					
ELEMENT	REQUIRED	PROVIDED	NOTES	SECTION	
SPRINKLER SYSTEM	YES	YES		NYSBC 903	
YARD HYDRANTS	N/A	NO		NYSBC 903	
STANDPIPE SYSTEMS	NO	NO		NYSBC 905	
PORTABLE FIRE EXTINGUISHERS	YES	YES		NYSBC 906	
FIRE ALARM/DETECTION SYSTEMS	YES	YES	SMOKE ALARMS PROVIDED	NYSBC 907	
SMOKE AND HEAT VENTS	NO	NO		NYSBC 910	
CORRIDORS AND INCIDENTAL USE AREAS					
ELEMENT	RATING	NOTES		SECTION	
CORRIDORS	0	--		NYSBC 1020.1	
FURNACE / BOILER ROOMS	0	SPRINKLER SYSTEM PROVIDED		NYSBC TABLE 508.2.5	
OCCUPANT LOAD					
FUNCTION OF SPACE	SQ. FT.	RATIO	OCCUPANTS	NOTES	SECTION
ASSEMBLY	2,848	1/15 TABLES & CHAIRS	190		NYSBC TABLE 1004.1.1
KITCHEN	308	1/50	6		
TOTAL OCCUPANTS			196		
MEANS OF EGRESS					
ELEMENTS	REQUIREMENT	NOTES		SECTION	
OCCUPANTS	196	RE- OCCUPANT LOAD ABOVE			
DOORS & CORRIDORS	39'	36" WIDTH MINIMUM REQUIRED DOOR (NONSPRINKLERED) 44" MIN. CORRIDOR		NYSBC 1005.1 NYSBC 1010	
TRAVEL DISTANCE	250 FT MAX	(SPRINKLERED)		NYSBC TABLE 10117.2	
TOTAL EXITS	2	2 PROVIDED		NYSBC 1006.3.3	
PLUMBING FIXTURES					
OCCUPANTS	REQUIRED	PROVIDED		SECTION	
ASSEMBLY (A-2)	MALE - 57 FEMALE - 57	MALE	FEMALE		
WATER CLOSETS (1 PER 75)	1	1	1	NYSFC TABLE 403.1	
LAVATORIES (1 PER 200)	1	1	2		
DRINKING FOUNTAIN (1 PER 500)	1	PROVIDED			
SERVICE SINK	1	2			
ENERGY COMPLIANCE					
APPLICABILITY	CHANGE IN OCCUPANCY	MUST COMPLY WITH IECC		IECC 101.4	
CLIMATE ZONE	5A			NYSICC TABLE 301.1	
BUILDING ELEMENT	TYPE OF CONSTRUCTION	INSULATION REQUIREMENT	NOTES	SECTION	
ROOF	ATTIC AND OTHER	R38			
WALLS, ABOVE GRADE	WOOD FRAMED	R-13 + R-3.8 CI OR R20			
WALLS, BELOW GRADE	BELOW GRADE WALL	R-7.5 CI		NYSICC TABLE 502.2, NYSEBC 907	
FLOORS	JOIST/FRAMING	R-30			
SLAB-ON-GRADE FLOORS	UNHEATED	R-10 FOR 24" BELOW			
OPAQUE DOORS	SWING	U-.37			

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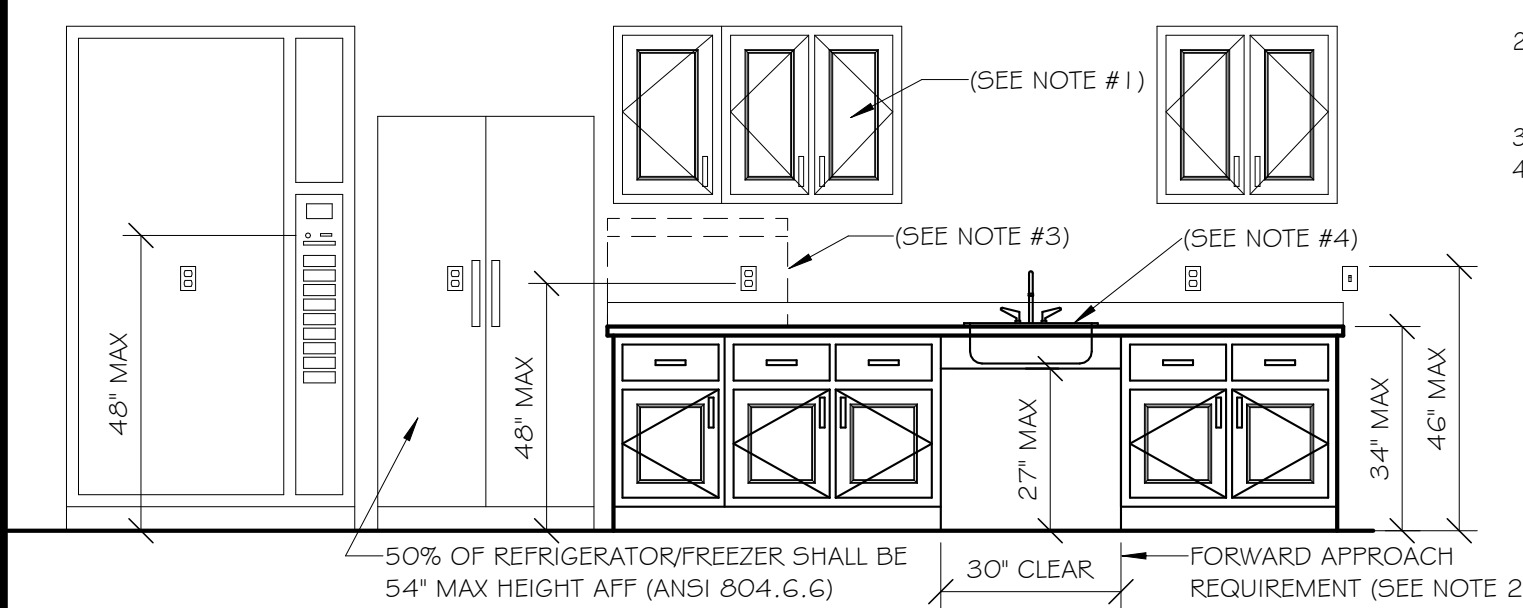
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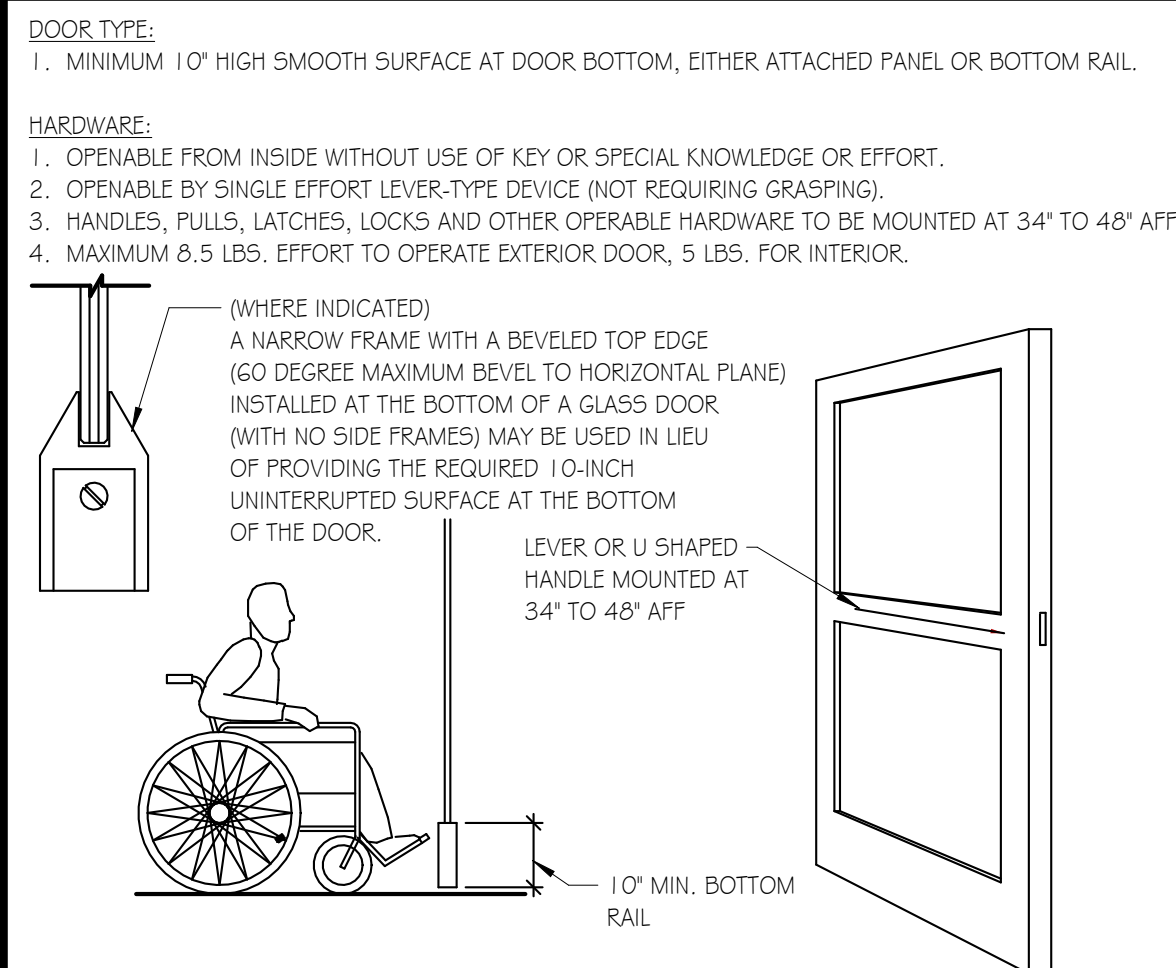
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CASEWORK & APPLIANCES

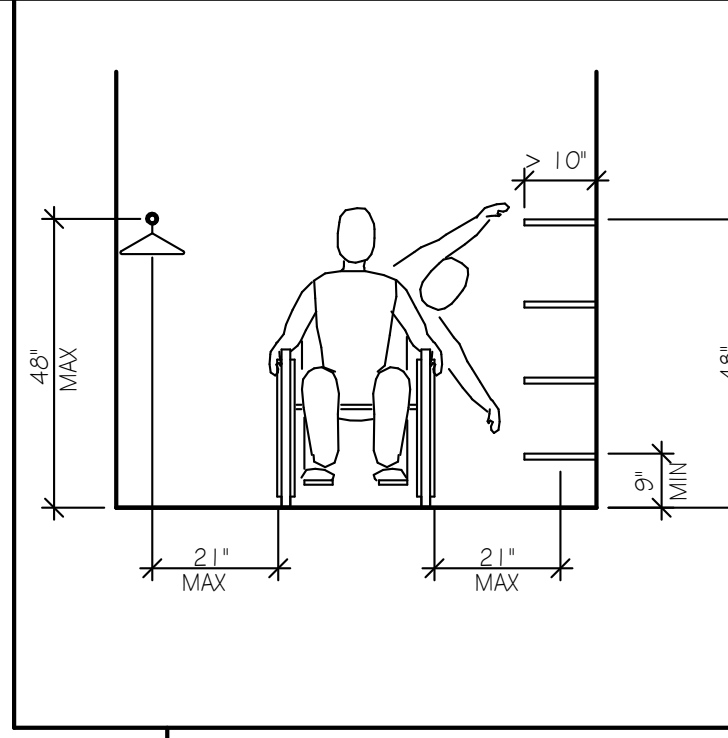


- NOTES:**
- 50% OF ALL STORAGE SHALL BE ACCESSIBLE AND MEET REACH REQUIREMENTS (ANSI 804.5) FORWARD APPROACH KNEE AND TOE CLEARANCE NOT REQUIRED FOR KITCHEN SINKS WHERE A COOK TOP OR RANGE IS NOT PROVIDED OR AT WET BARS. (ANSI 806.3)
 - APPLIANCES SHALL BE ACCESSIBLE (ANSI 804.6)
 - LAVATORY, SINK AND OTHER FIXTURES SHALL NOT EXCEED 34" IN HEIGHT. VERIFY EXACT FIXTURE DIMENSIONS PRIOR TO FABRICATION
 - INSTALLATION OF CABINETS AND COUNTERTOP

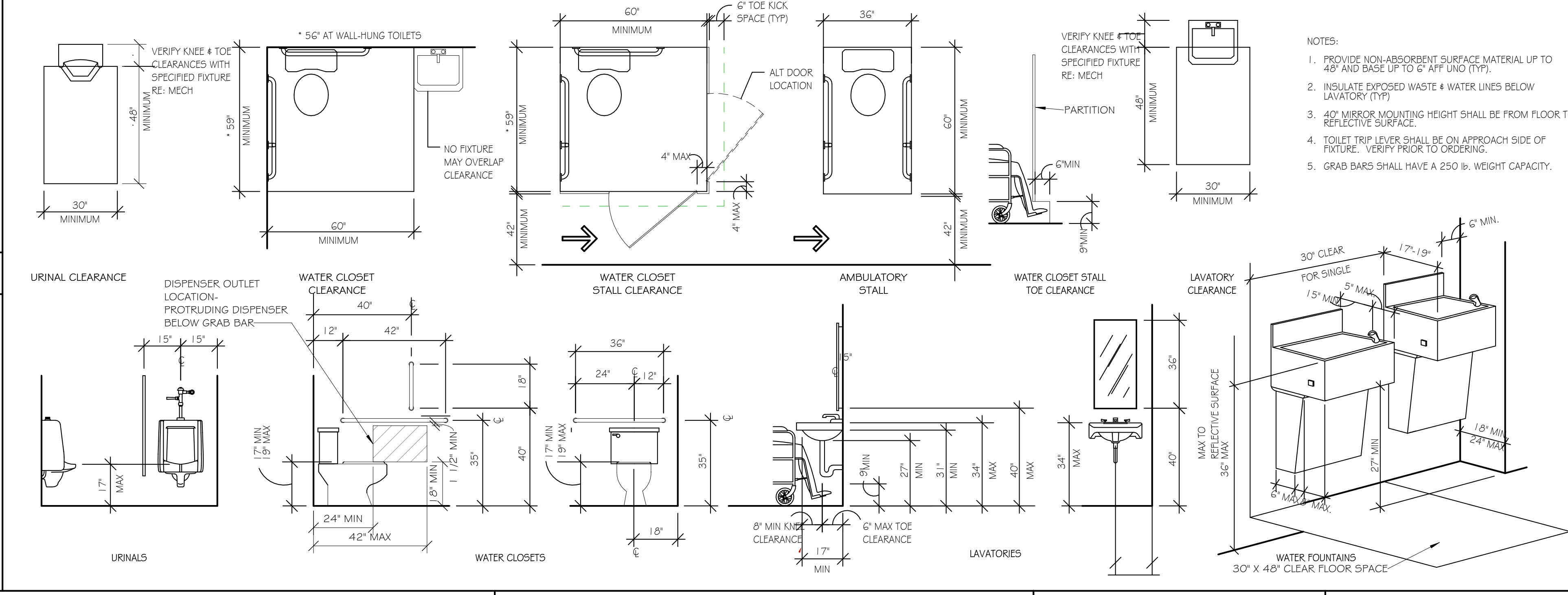
DOOR AND HARDWARE



SHELVES & CLOSETS

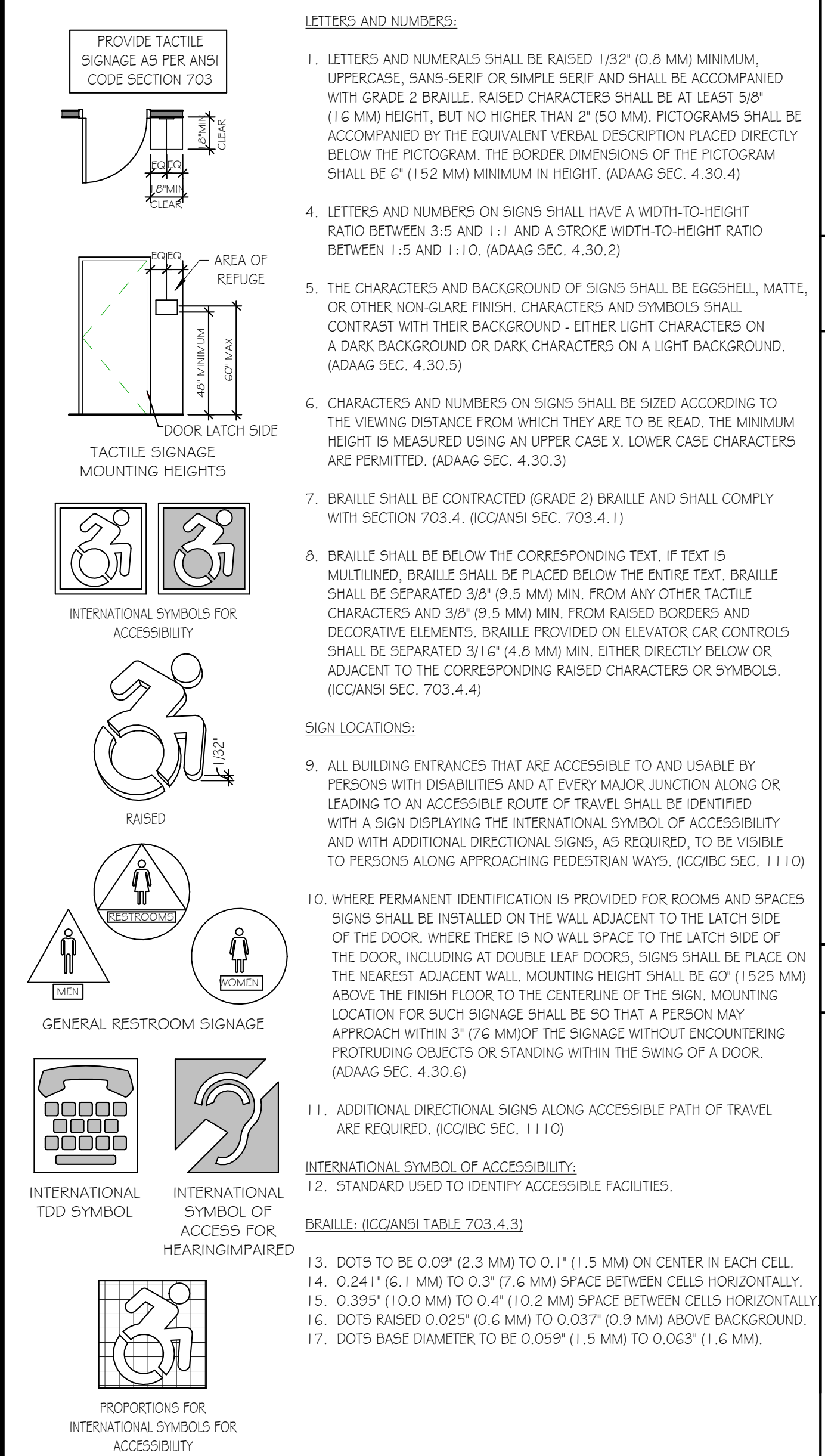


TOILET ROOM FIXTURE HEIGHTS & CLEARANCES

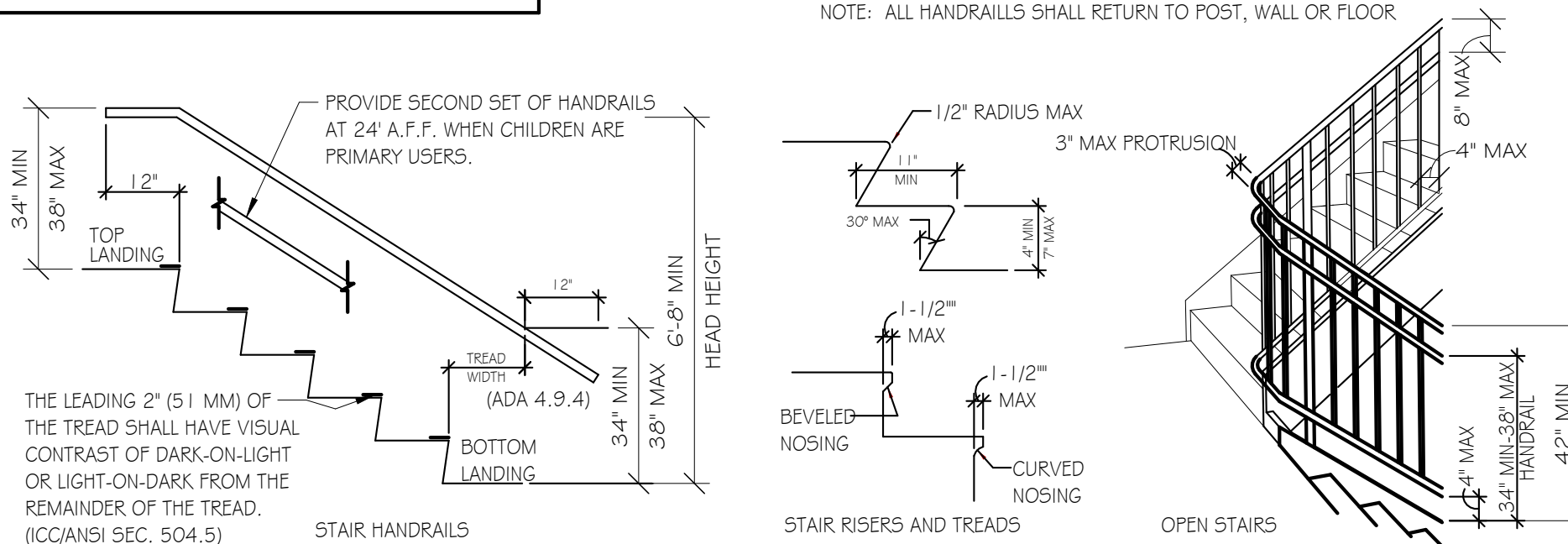


- NOTES:**
- PROVIDE NON-ABSORBENT SURFACE MATERIAL UP TO 48" AND BASE UP TO 6" AFF UNO (TYP).
 - INSULATE EXPOSED WASTE 4" WATER LINES BELOW LAVATORY (TYP).
 - 40" MIRROR MOUNTING HEIGHT SHALL BE FROM FLOOR TO REFLECTIVE SURFACE.
 - TOILET TRIP LEVER SHALL BE ON APPROACH SIDE OF FIXTURE. VERIFY PRIOR TO ORDERING.
 - GRAB BARS SHALL HAVE A 250 LB. WEIGHT CAPACITY.

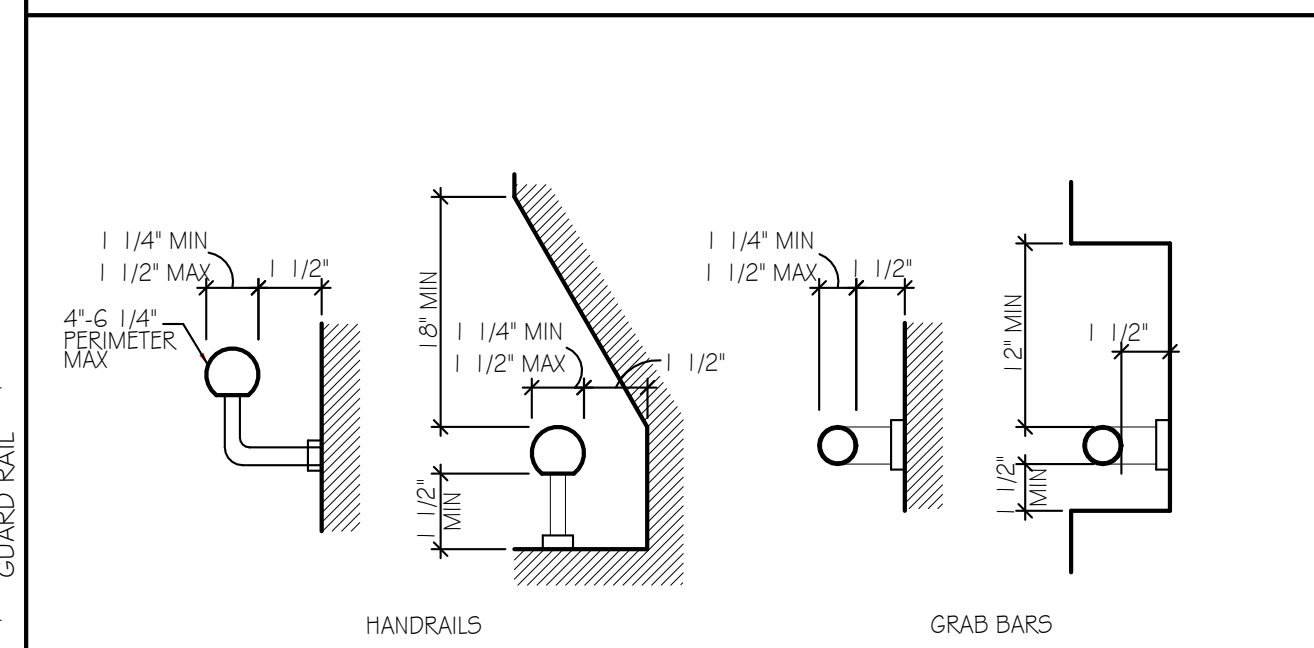
TACTILE SIGNAGE AND SYMBOLS



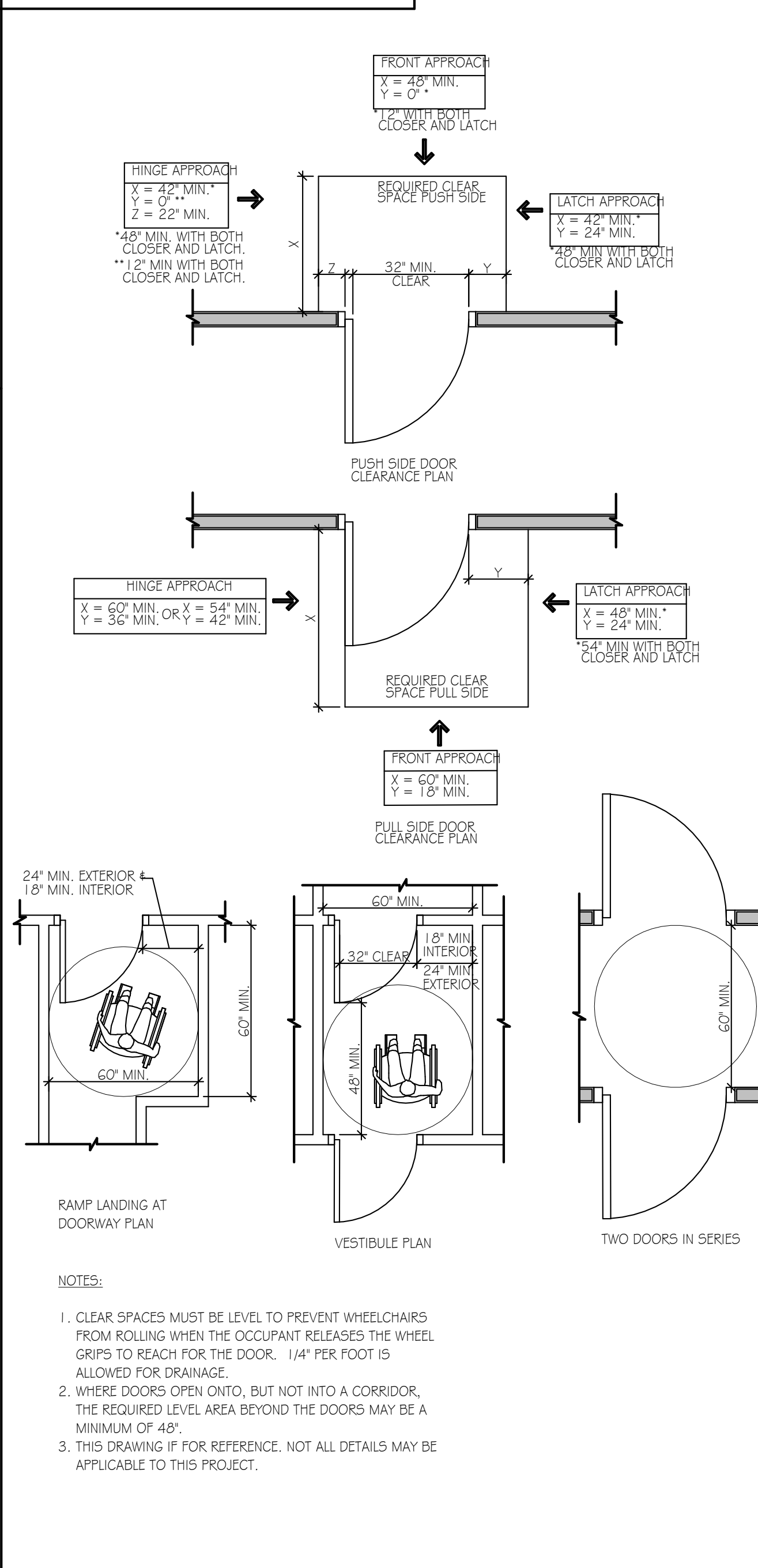
STAIRWAYS



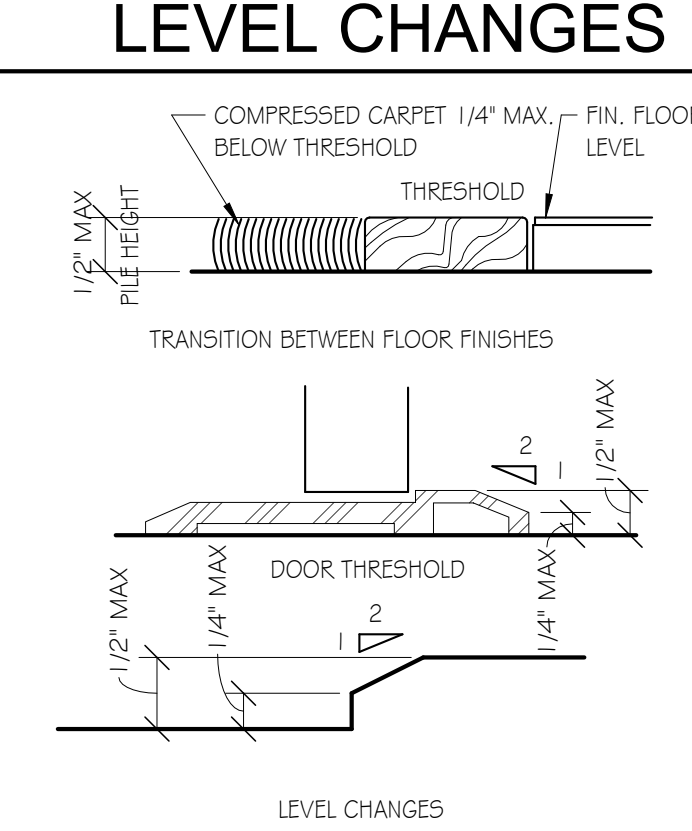
HANDRAIL AND GRAB BAR/MOUNTING



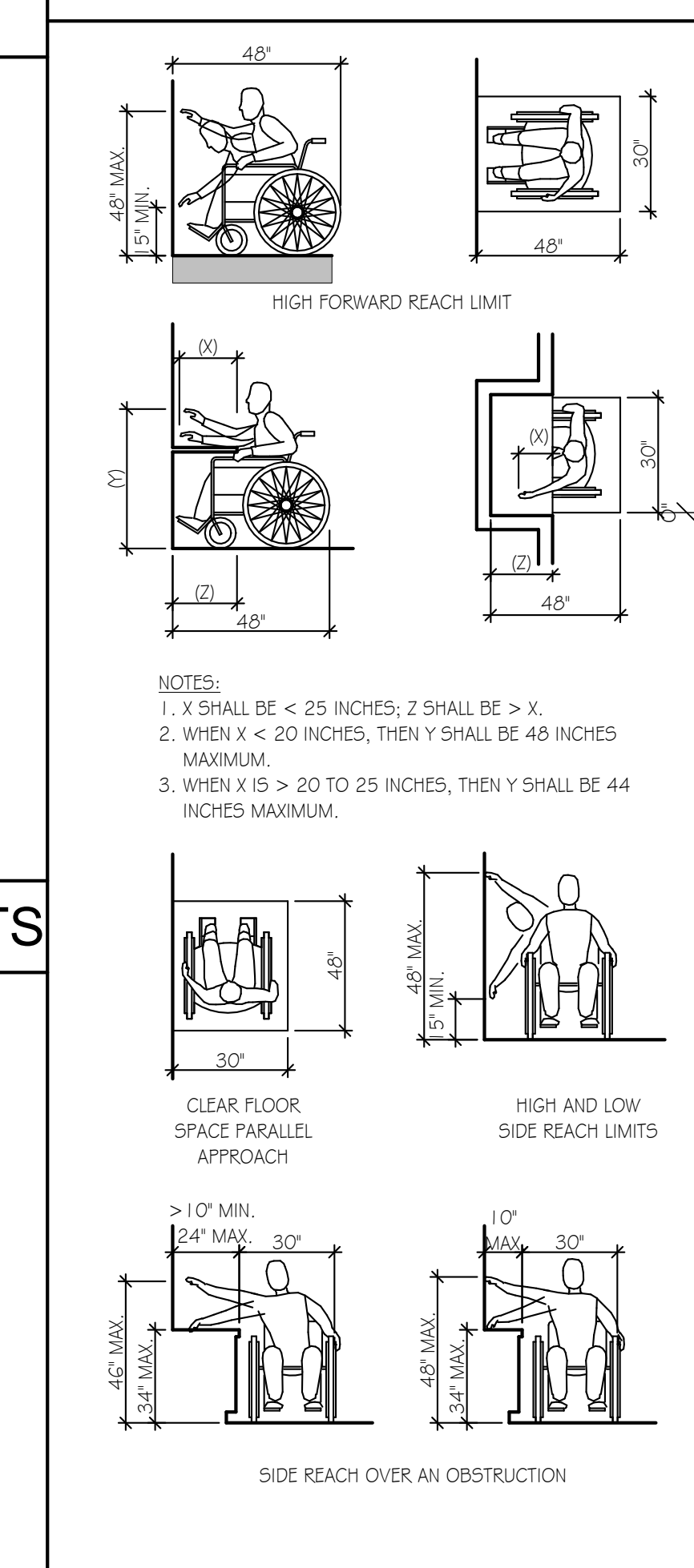
DOOR CLEARANCES



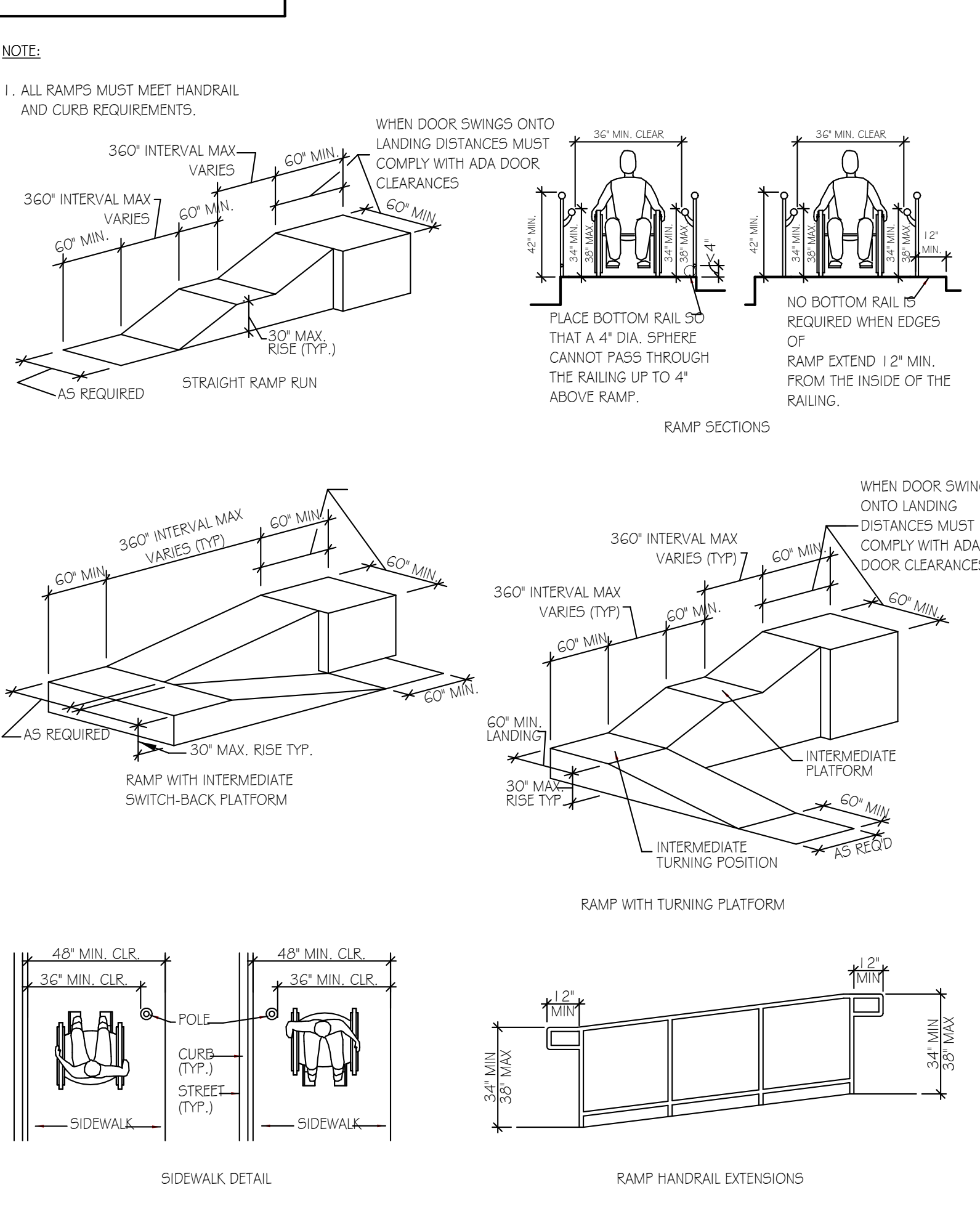
THRESHOLD & LEVEL CHANGES



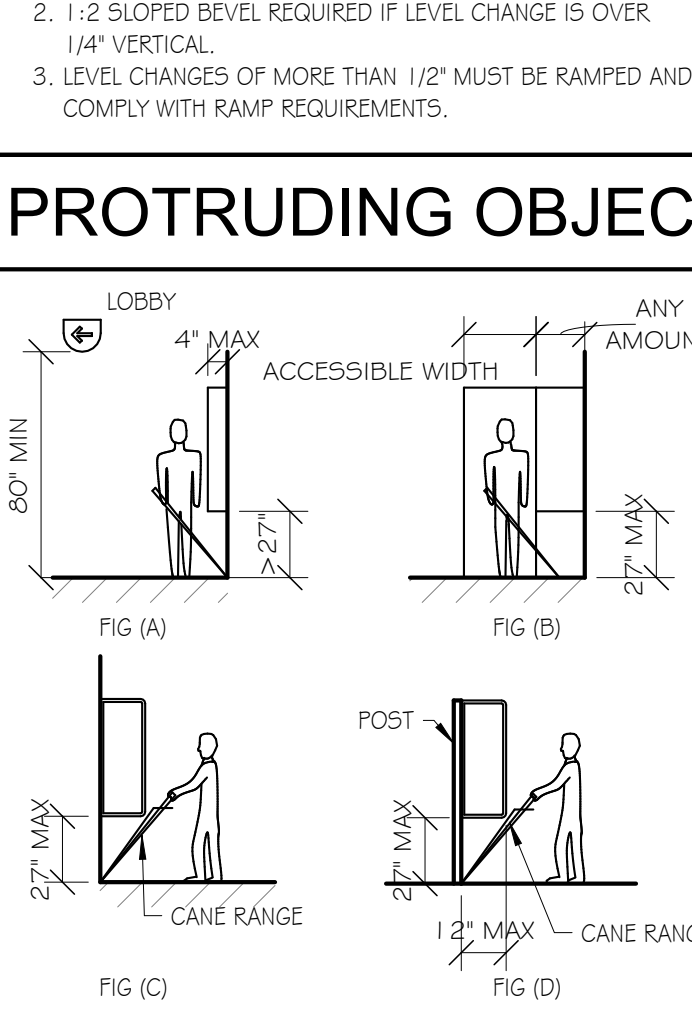
REACH REQUIREMENTS



RAMPS



PROTRUDING OBJECTS



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NO.	DATE	DESCRIPTION

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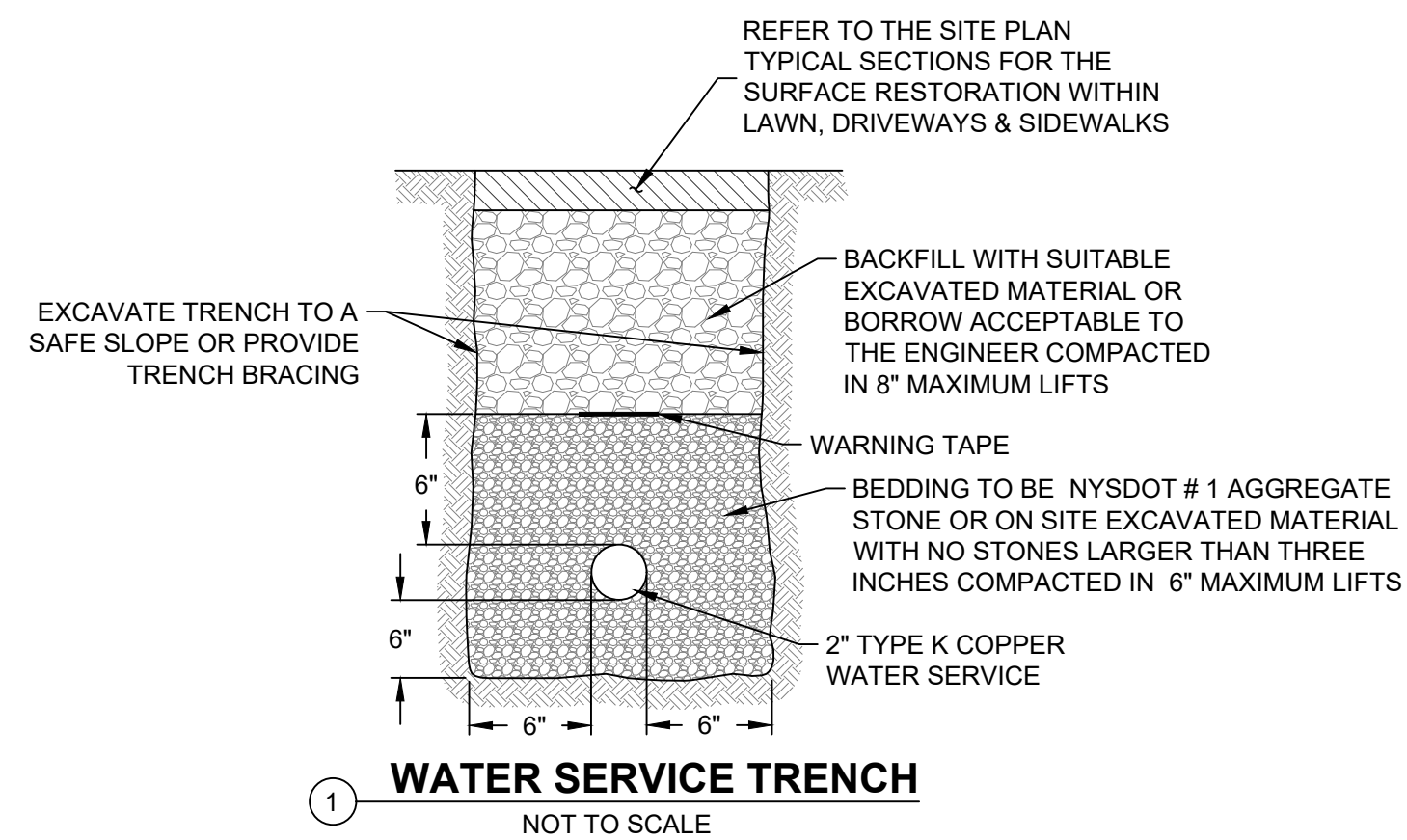
PROJECT: TIOGA DOWNS RECEPTION CENTER
2384 WEST RIVER ROAD, NICHOLS, NY 13812

DRAWING NO.: C-1.2

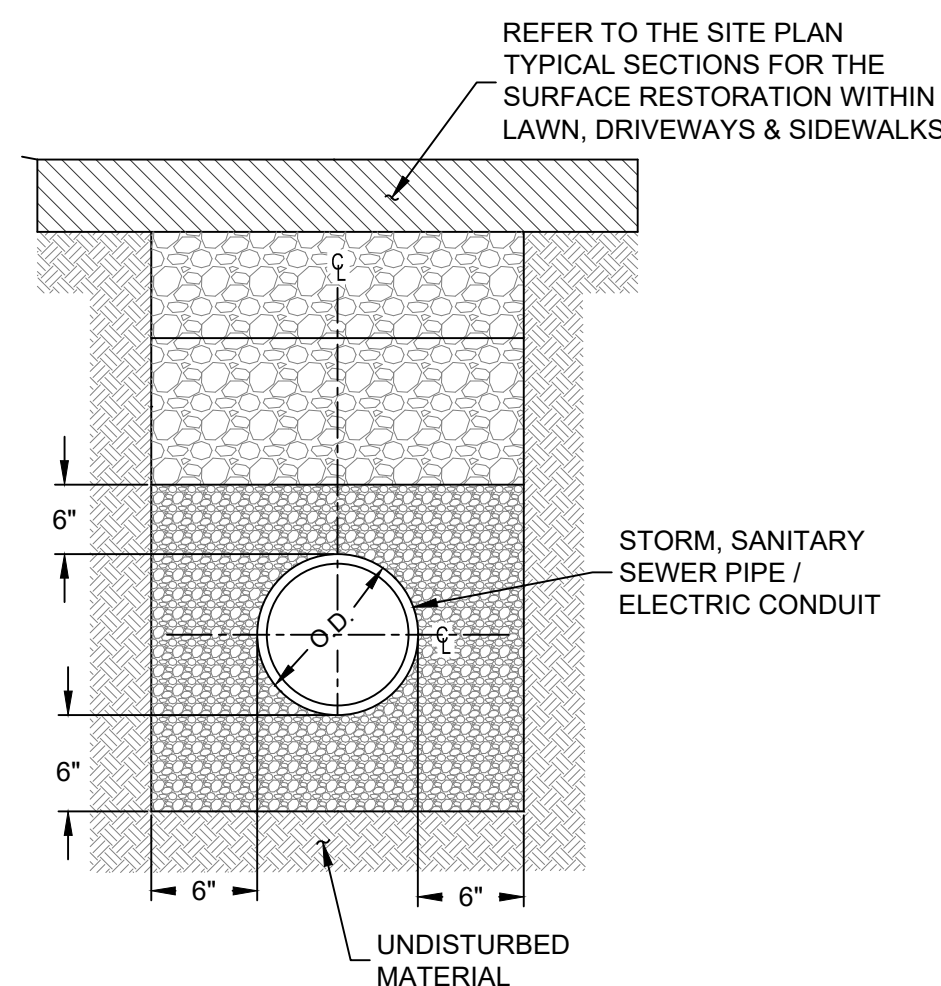
DATE: 04/15/2024

PROJECT NO.: 23-111

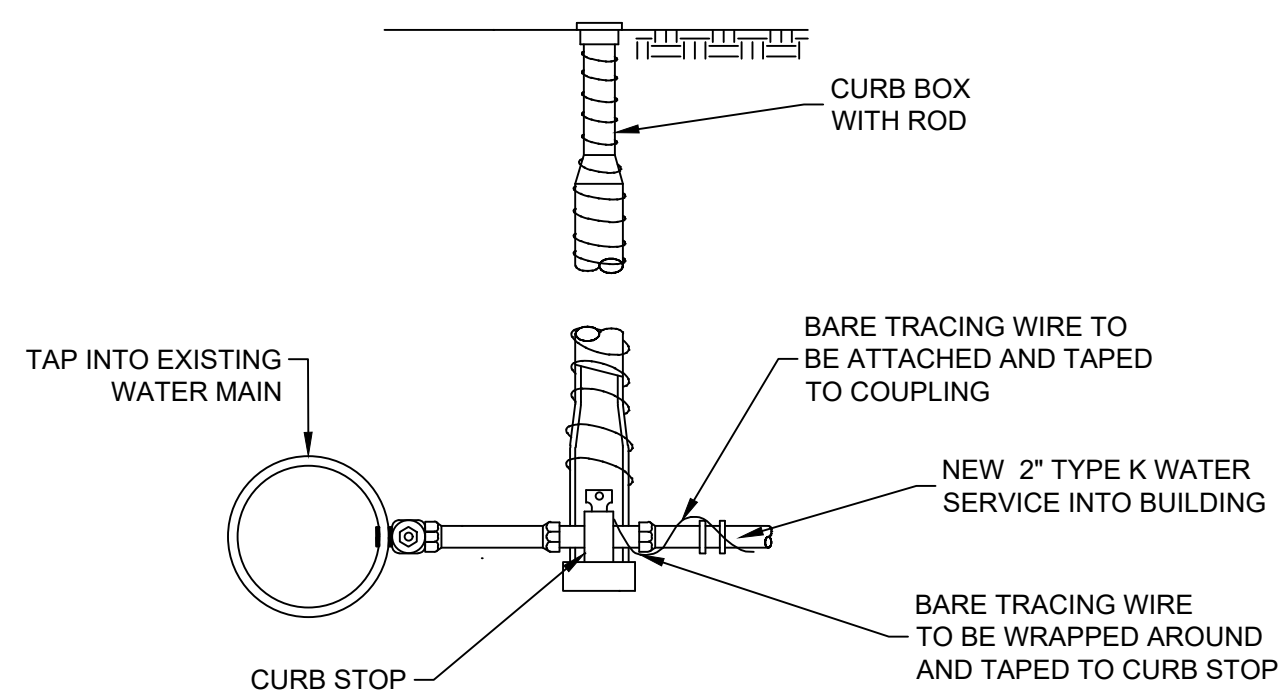
DRAWING NO.: C-1.2



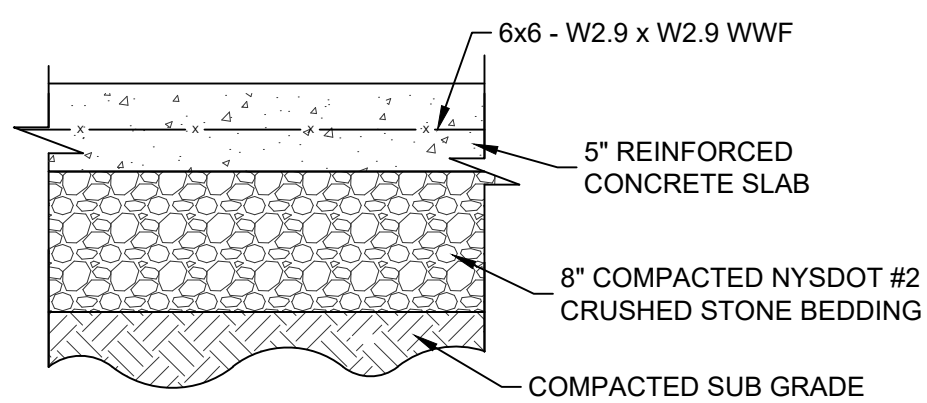
- NOTES:**
1. WATER SERVICE TO BE BURIED WITH A MINIMUM COVER DEPTH OF FIVE FEET.
 2. CONTRACTOR TO KEEP TRENCH FREE OF WATER AND PROVIDE A STABLE BASE FOR THE PIPE BEDDING.



- NOTES:**
1. BACKFILL WILL BE MADE WITH NYSDOT #1 AGGREGATE STONE OR ON SITE EXCAVATED MATERIAL WITH NO STONES LARGER THAN THREE INCHES TO THE BOTTOM OF TEMPORARY PAVEMENT, OR TO THE BOTTOM OF SUBBASE.
 2. SLOPE SHEETING & BRACING PER OSHA, SPECIFICATION. TRENCH SHIELD OR SHEETING TO BE LIFTED ABOVE THE SPRING LINE. FOR EXCAVATIONS GREATER THAN 5 FEET IN DEPTH, THE CONTRACTOR SHALL LAYBACK TRENCH AT 1:1.5 (H:V).
 3. WHERE STORM SEWER CROSSES PREVIOUSLY INSTALLED SANITARY SEWER, WATER OR GAS MAIN, ETC. TRENCH SHALL BE EXCAVATED DOWN TO THE PREVIOUSLY LAID UTILITY AND BACKFILL WITH #2 CRUSHED STONE COMPACTED IN 6\"/>

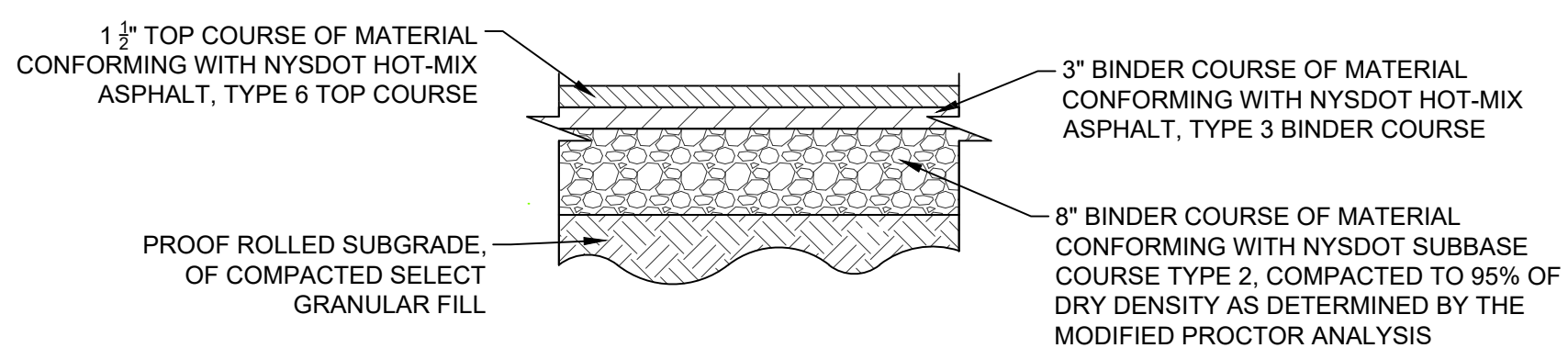


3 WATER SERVICE INSTALLATION
SCALE: NOT TO SCALE



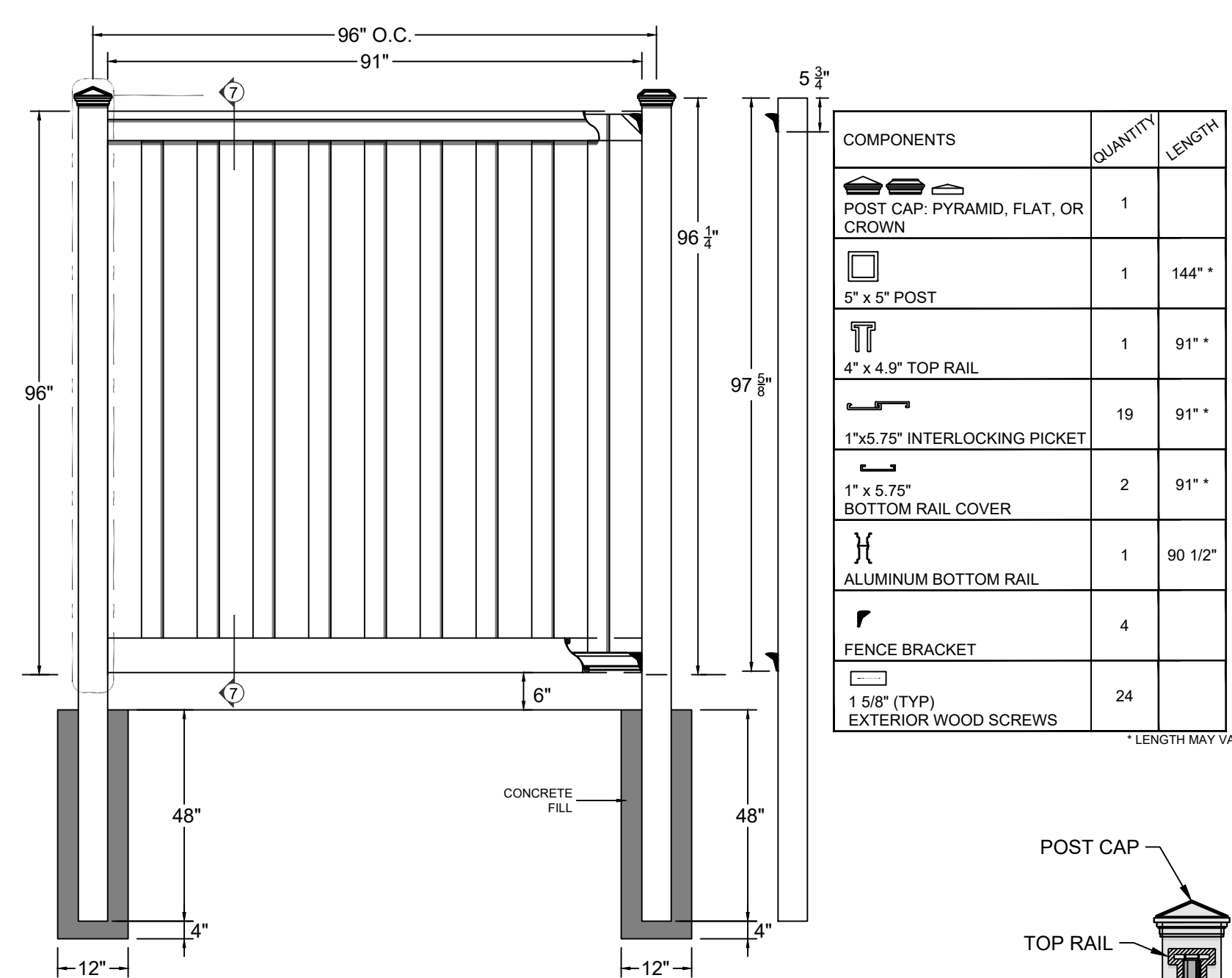
4 STANDARD DUTY CONCRETE
SCALE: NOT TO SCALE

- NOTES:**
1. SLAB EDGE TO BE THICKENED TO 8 INCHES DEEP FOR THE OUTSIDE 12 INCHES AT EXTERIOR EDGES ADJOINING EXISTING PAVEMENT OR CONCRETE.
 2. MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED 2023 AND ALL ADDENDA THERETO.
 3. CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH OF 4500 PSI @ 28 DAYS AND SHALL BE PLACED IN ACCORDANCE WITH ACI SPECIFICATIONS AND ITS LATEST REVISION.
 4. REINFORCING STEEL FOR CONCRETE SHALL CONFORM WITH SECTION 556 - REINFORCING STEEL FOR CONCRETE STRUCTURES OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND AS SPECIFICALLY CALLED OUT IN THE DRAWINGS.
 5. ALL EXPOSED SURFACES SHALL HAVE A BROOM TEXTURED FINISH, HAVE TOOLED EDGES TO MATCH EXISTING CONCRETE PAD. TOOL SHALL PROVIDE MAXIMUM 1-1/2\"/>



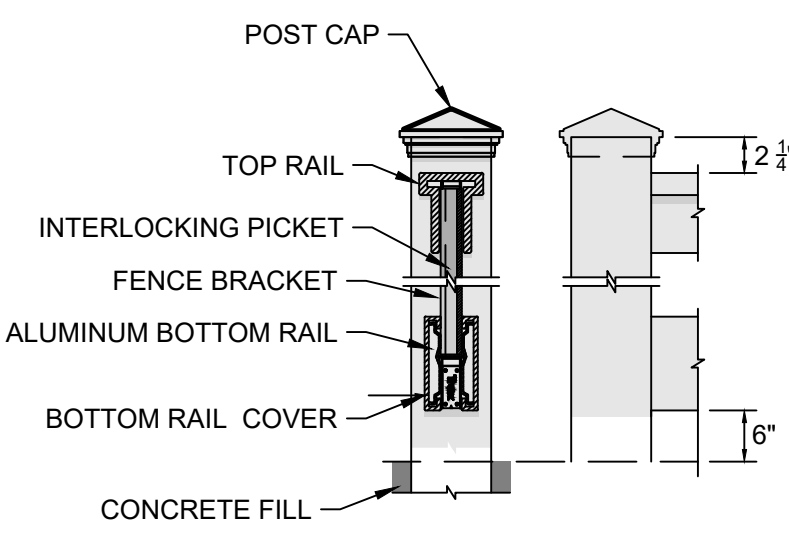
5 STANDARD DUTY ASPHALT
SCALE: NOT TO SCALE

- NOTES:**
1. MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED 2023 AND ALL ADDENDA THERETO.
 2. SUBBASE MATERIAL SHALL CONFORM WITH SECTION 304 - SUBBASE COURSE OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND THE TYPE CALLED OUT IN THESE DRAWINGS.
 3. HOT MIX ASPHALT (HMA) PAVEMENT SHALL CONFORM WITH SECTION 400 - HOT MIX ASPHALT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND THE TYPE CALLED OUT IN THESE DRAWINGS. ALTHOUGH SECTION 400 IN ITS ENTIRETY IS REFERENCED, THE HOT MIX ASPHALT (HMA) PAVEMENTS SPECIFIED FOR THIS CONTRACT SHALL BE AS SPECIFIED UNDER SECTION 403 - HOT MIX ASPHALT (HMA) PAVEMENTS FOR MUNICIPALITIES.
 4. TACK COAT WHEN SPECIFIED OR CALLED OUT IN THESE DRAWINGS OR REQUIRED BY THE REFERENCED SPECIFICATIONS SHALL CONFORM WITH SECTION 407 - TACK COAT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
 5. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSES OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMANCE WITH SECTION 203 - EXCAVATION AND EMBANKMENT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.

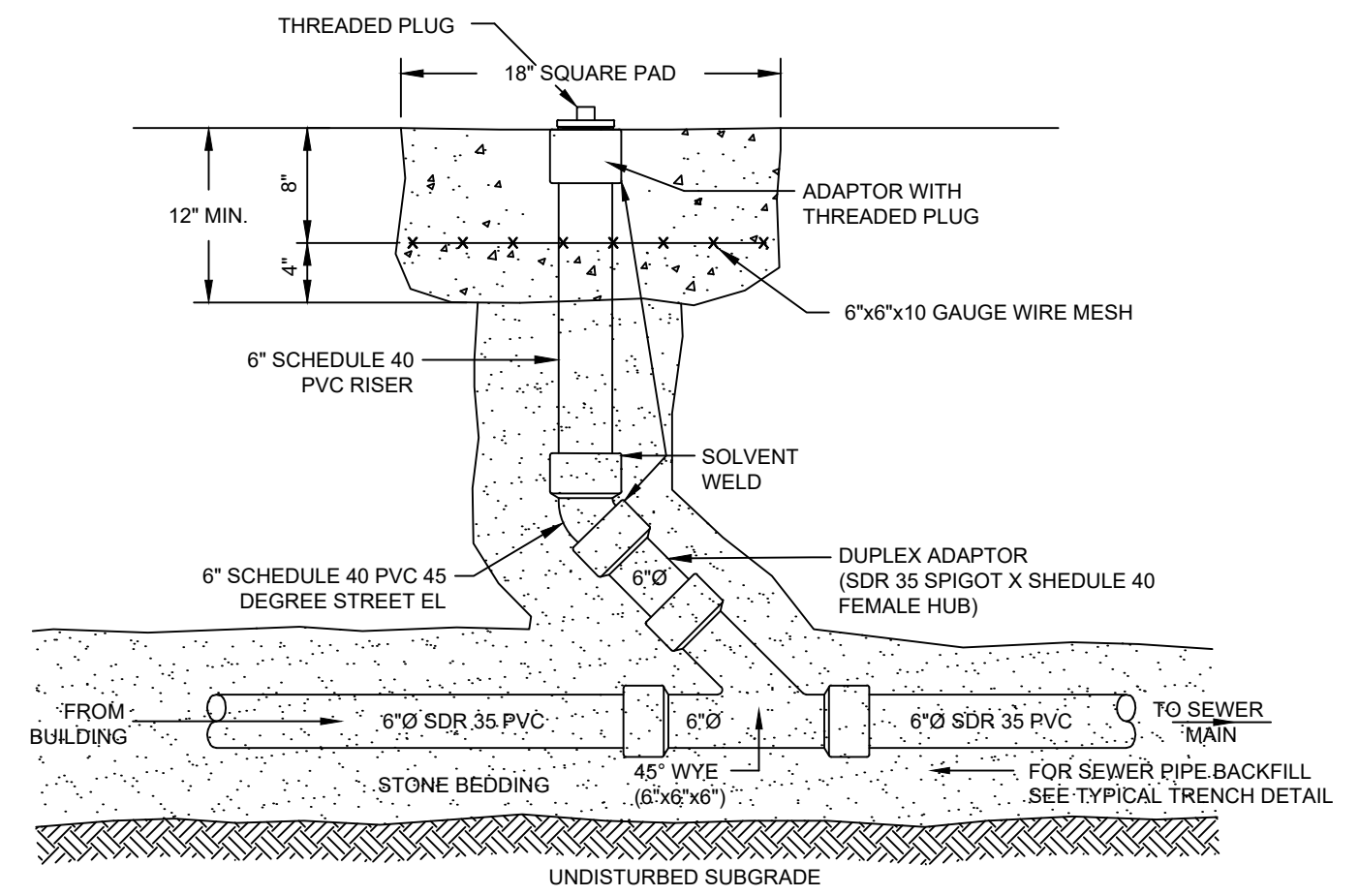


- NOTES:**
1. COMPOSITE PRIVACY FENCING TO BE TREX SECLUSION FENCING OR EQUAL.
 2. THIS DRAWING IS PROVIDED FOR PLANNING PURPOSES. REFER TO MANUFACTURER'S INSTALLATIONS FOR CONSTRUCTION DETAILS.
 3. REFER TO MANUFACTURER'S WEBSITE FOR PRODUCT INFORMATION.

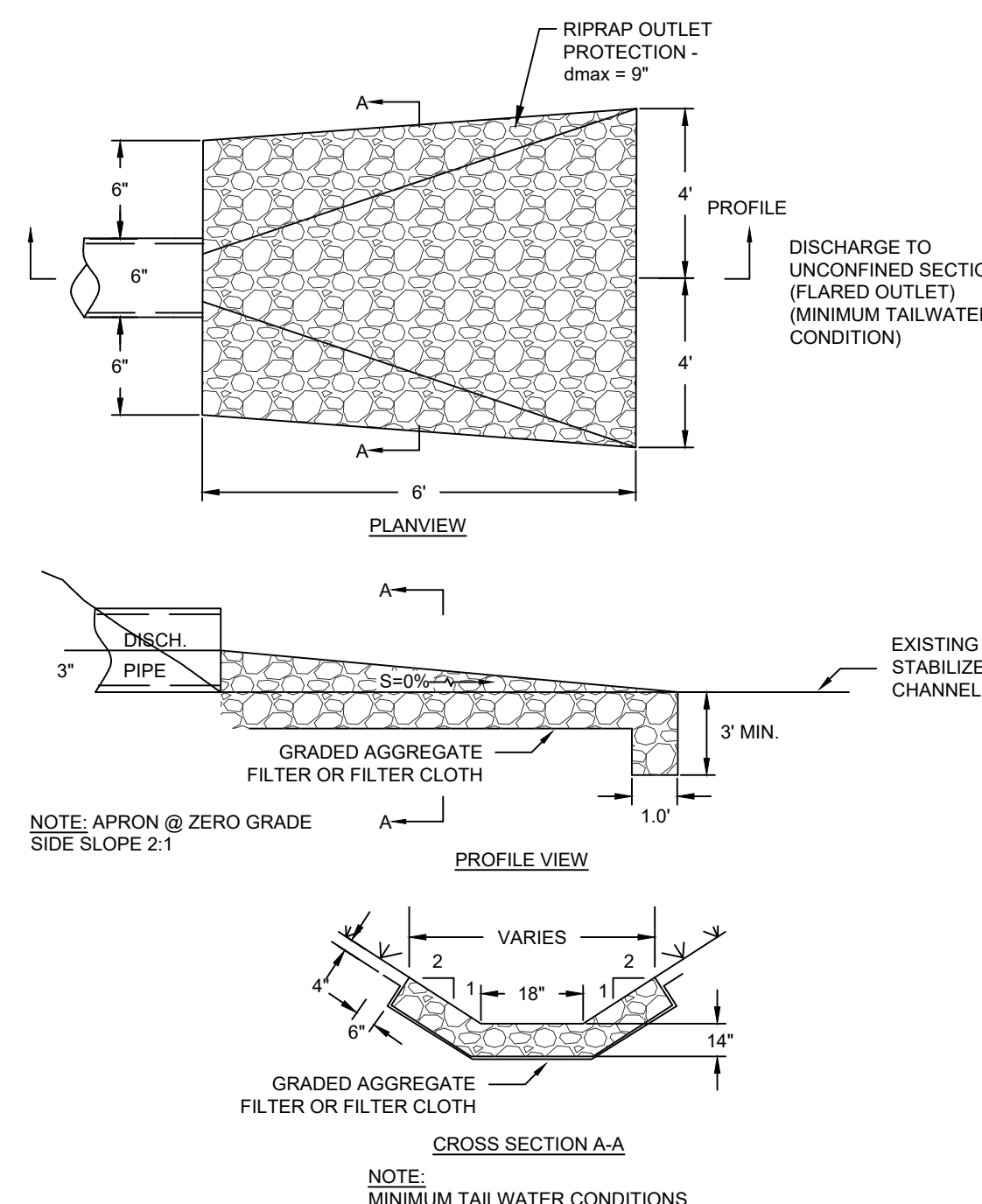
6 PRIVACY FENCE
SCALE: NOT TO SCALE



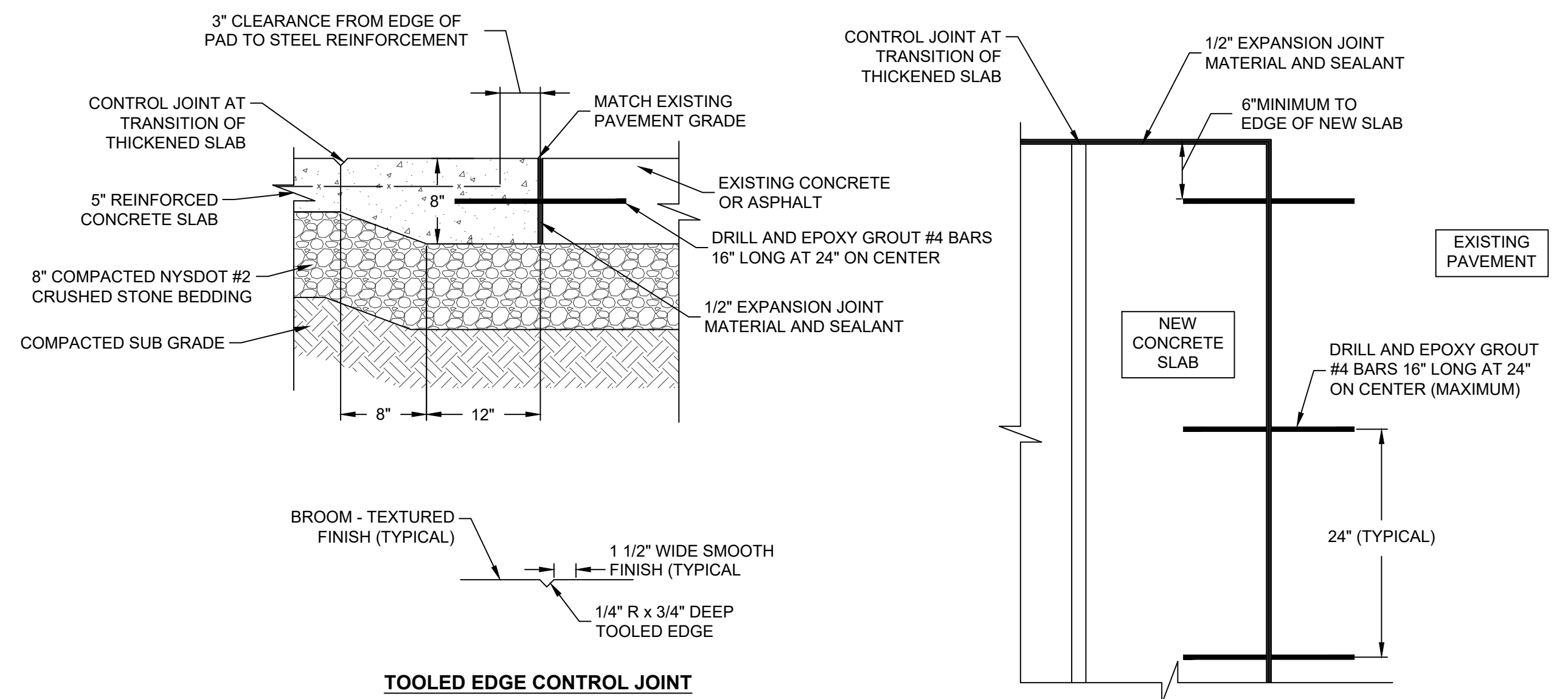
7 SECTION AT FENCES
SCALE: NOT TO SCALE



8 CLEANOUT DETAIL
SCALE: NOT TO SCALE
NOTES:
1. CONCRETE ENCASEMENT TO BE 3300 PSI



9 RIPRAP OUTLET PROTECTION
SCALE: NOT TO SCALE



10 THICKENED SLAB
SCALE: NOT TO SCALE

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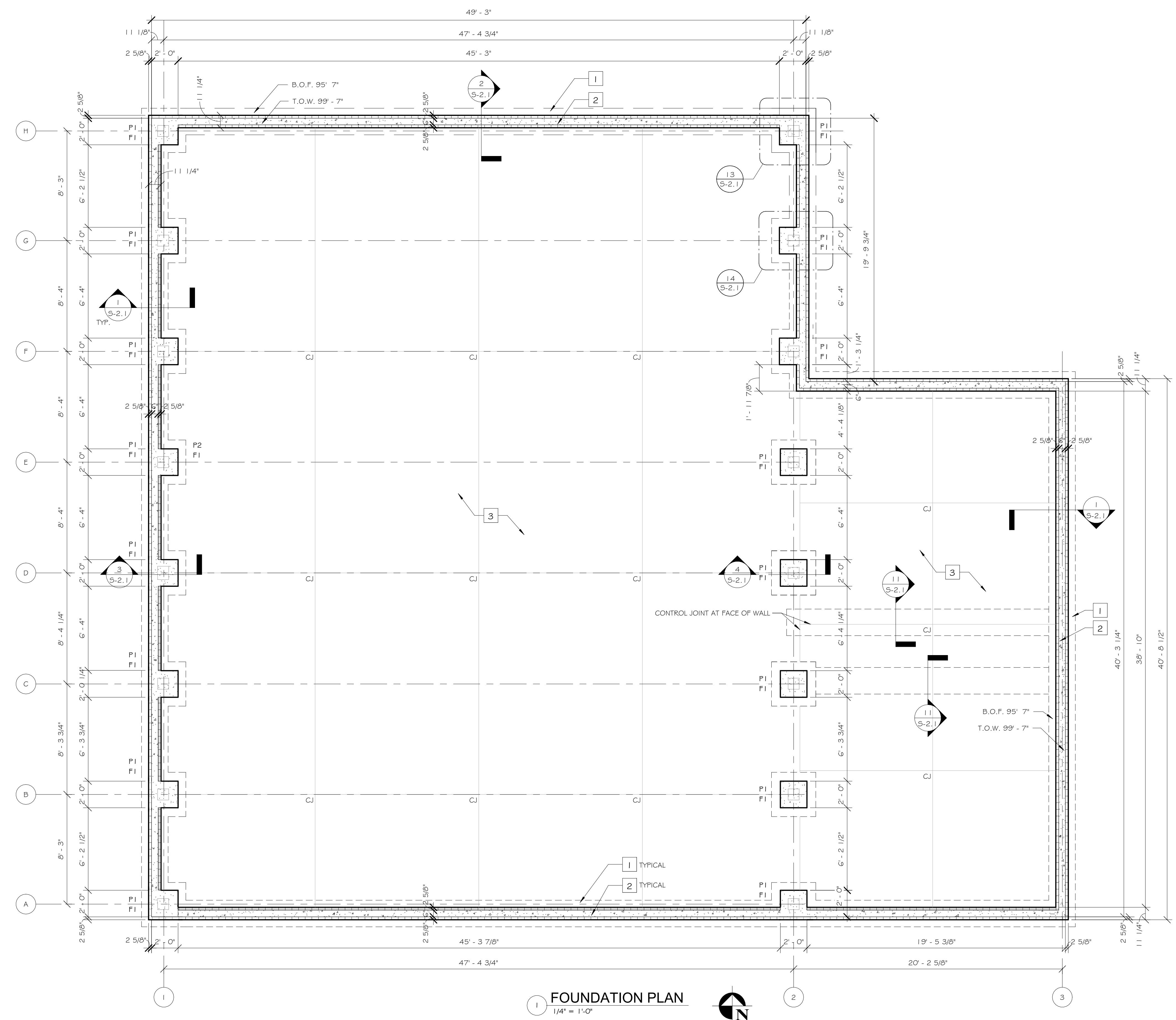
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ELMIRA HEIGHTS, NEW YORK 14803
OWNER/CLIENT
TIOGA DOWNS RACE TRACK, LLC



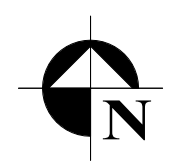
PROJECT
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NICHOLS, NY 13812

TITLE OF DRAWING
SITE PLAN

DRAWING SCALE
AS NOTED
ISSUE DATE:
04/05/2024
PROJECT NO.
23-111
DRAWING NO.
L-1.2



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



GENERAL FOUNDATION NOTES

1. BOTTOM OF FOOTING SHALL BE -4'-0" MINIMUM BELOW FINISHED GRADE UNLESS NOTED OTHERWISE. BOTTOM OF FOOTING SHALL BE 95'-7" UNLESS NOTED OTHERWISE.
2. TOP OF FOUNDATION WALL SHALL BE 99'-7" UNLESS NOTED OTHERWISE.
3. TOP OF PIER ELEVATION SHALL BE 99'-7" UNLESS NOTED OTHERWISE.
4. FOUNDATION DIMENSIONS ARE TO FACE OF CONCRETE.
5. ALL WALL FRAMING HEADERS AT WALL OPENINGS SHALL BE (3) 2x8 WOOD FRAMING UNLESS NOTED OTHERWISE.

FOUNDATION KEYNOTES

- 1 24"x12" CONCRETE FOOTING WITH (3) #5 REBAR CONTINUOUS AND #5 TIES @ 32" O.C.
- 2 6" ICF CONCRETE FOUNDATION WALL WITH #4 REBAR @ 32" O.C. VERT. #4 REBAR @ 18" O.C. HORZ. (MIN. OF 3 HORIZ. BARS).
- 3 5" CONCRETE SLAB ON GRADE REINFORCED W/ W.W.F., 6X6 W2, 9XW2.9 OVER VAPOR BARRIER OVER 6" COMPACTED GRAVEL, PROVIDE LIGHT STEEL TROWEL FINISH, PROVIDE CONTROL JOINTS WHERE INDICATED.

PIER SCHEDULE

TYPE	DIMENSIONS		VERT. REINFORCING	TIES	REMARKS
	WIDTH	LENGTH			
P1	2'-0"	2'-0"	(12) #5 BARS	#4 BARS @ 12" O.C., 4" O.C. @ TOP 1'-0"	
P2	2'-3"	2'-3"	(12) #5 BARS	#4 BARS @ 12" O.C., 4" O.C. @ TOP 1'-0"	

FOOTING SCHEDULE

TYPE	DIMENSIONS			REINFORCING	REMARKS
	WIDTH	LENGTH	THICK		
F1	3'-0"	4'-11"	12"	#5 EACH WAY @ 6" O.C. (5) MIN.	
F2	3'-8"	3'-8"	12"	#5 EACH WAY @ 6" O.C. (7) MIN.	

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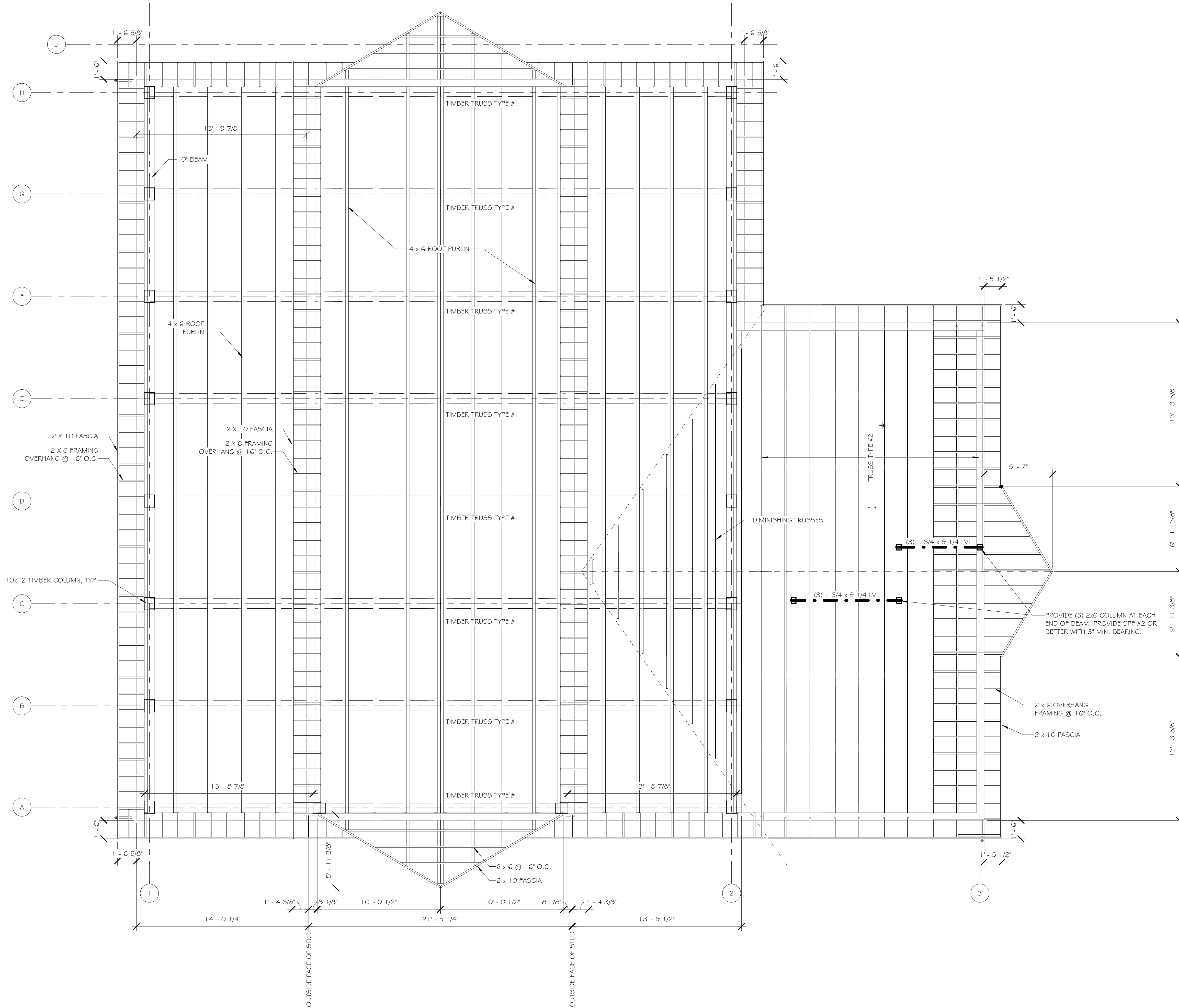
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TITLE OF DRAWING
FOUNDATION PLAN

DRAWING SCALE
AS NOTED
 ISSUE DATE:
04/15/2024
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S-1.1



1 FRAMING PLAN
1/4" = 1'-0"



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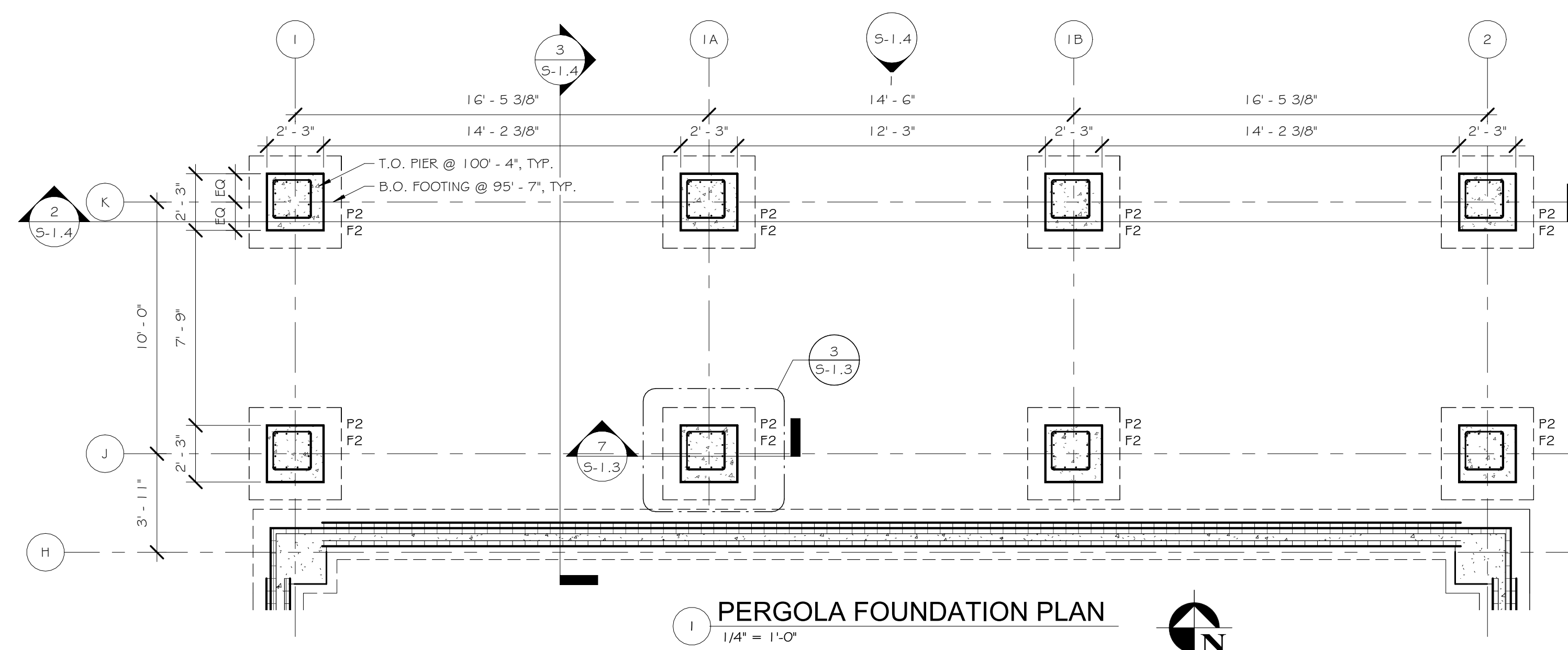
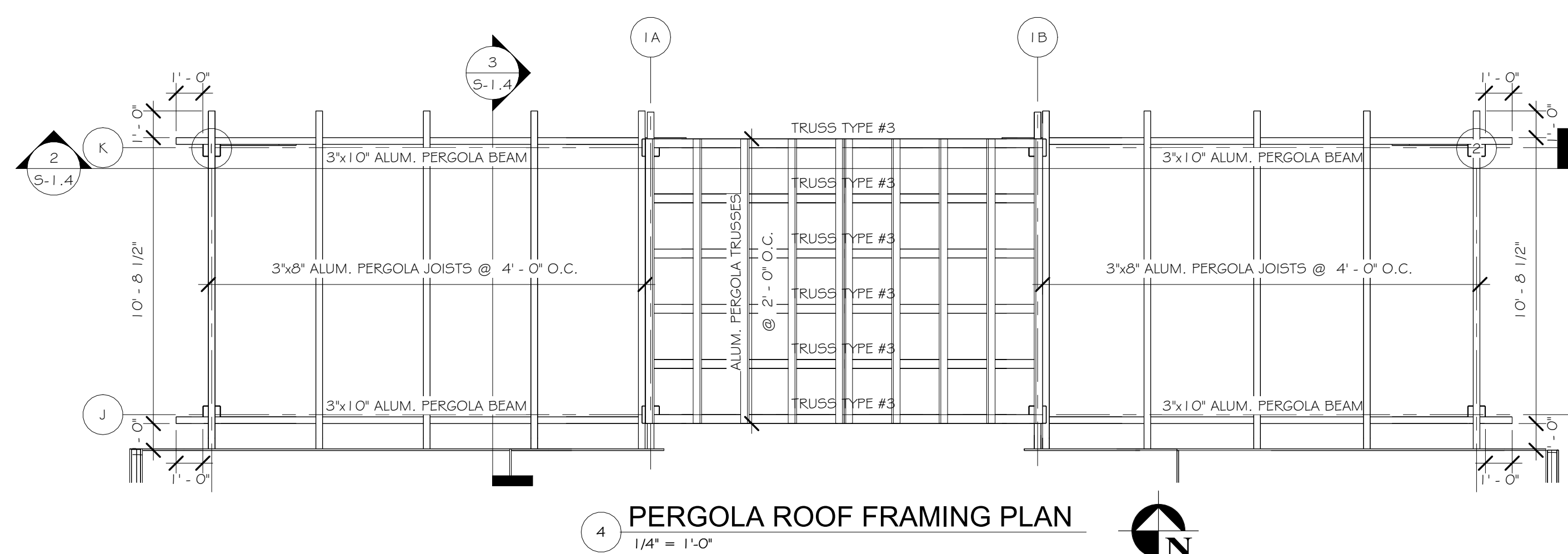
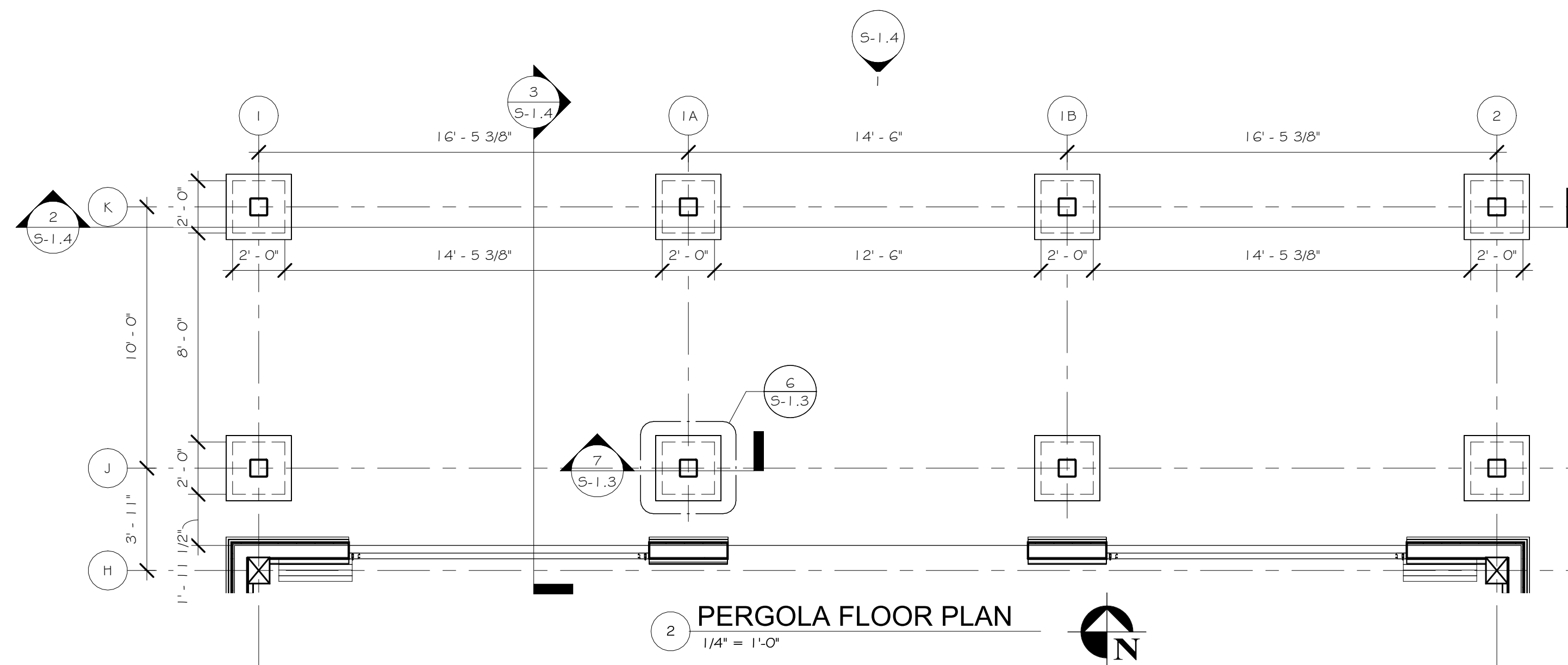
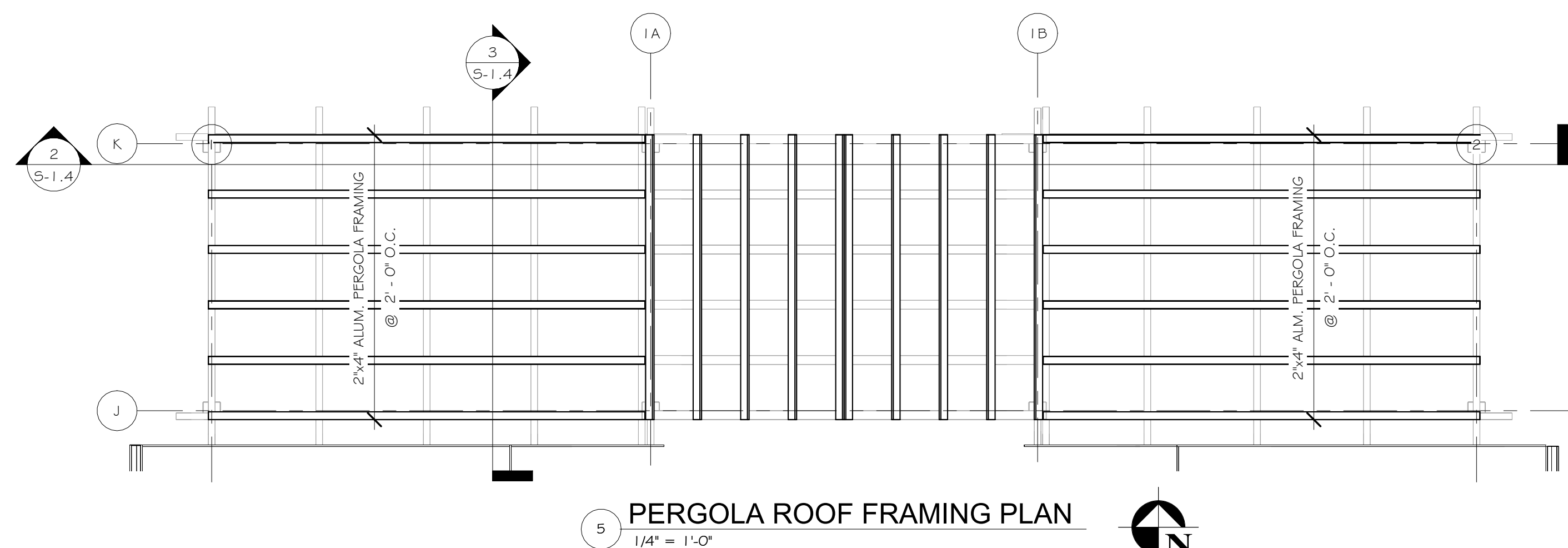
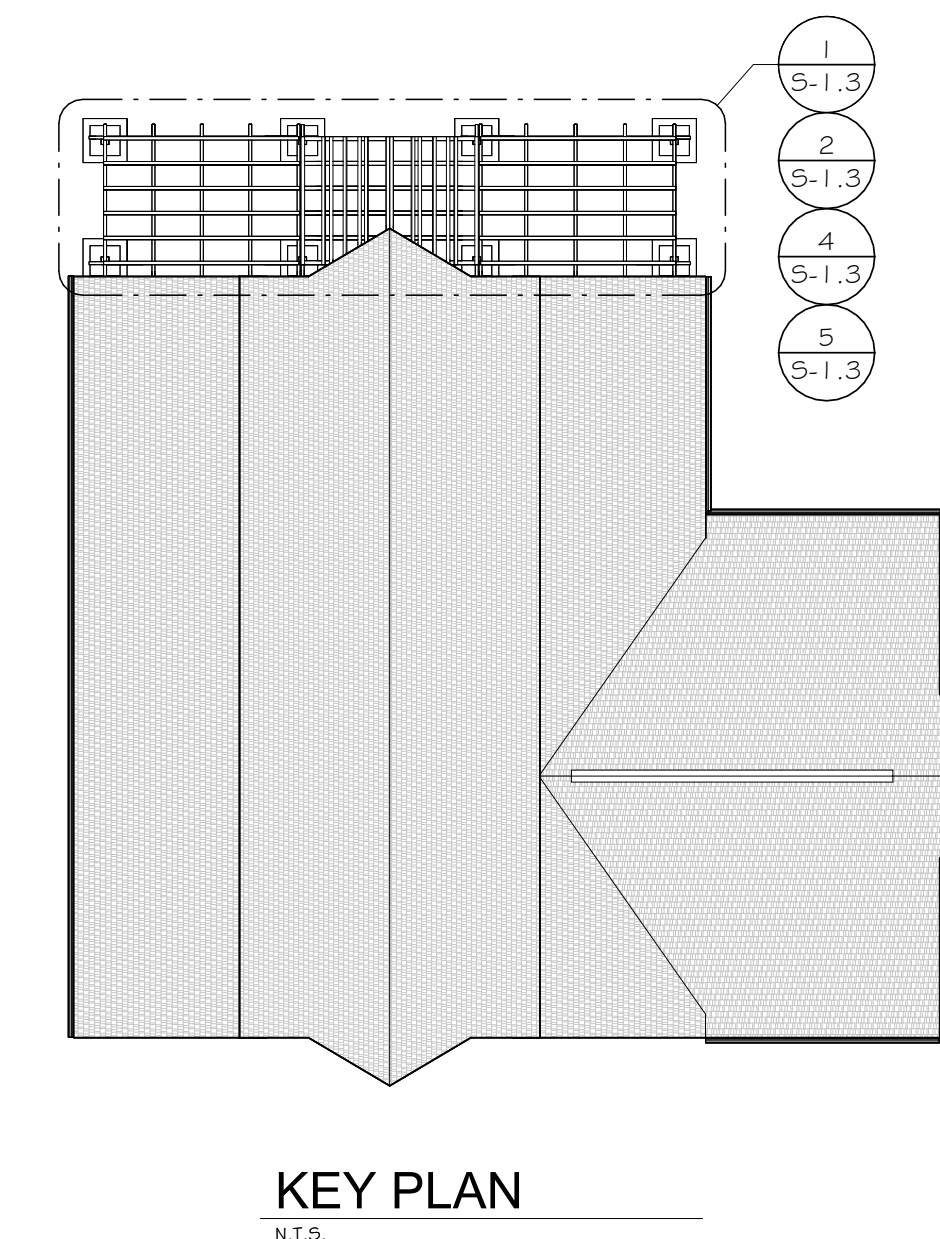
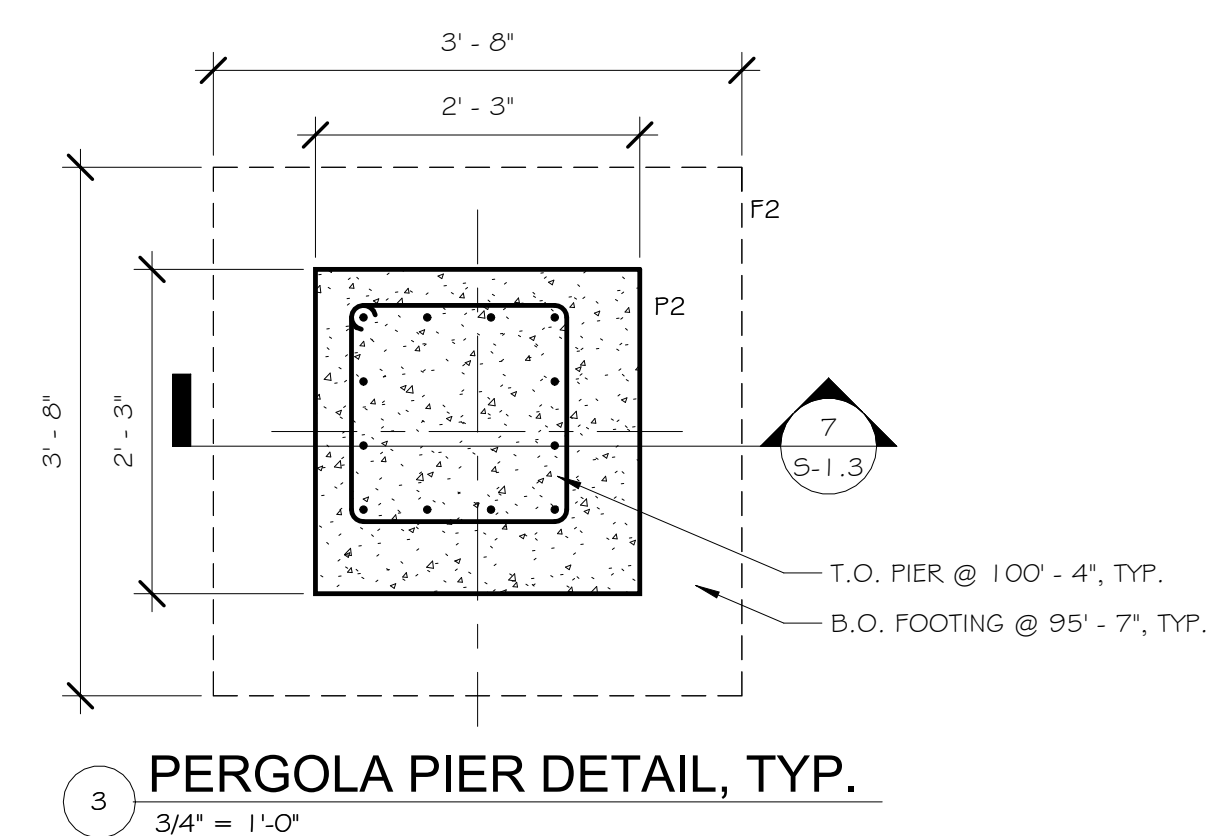
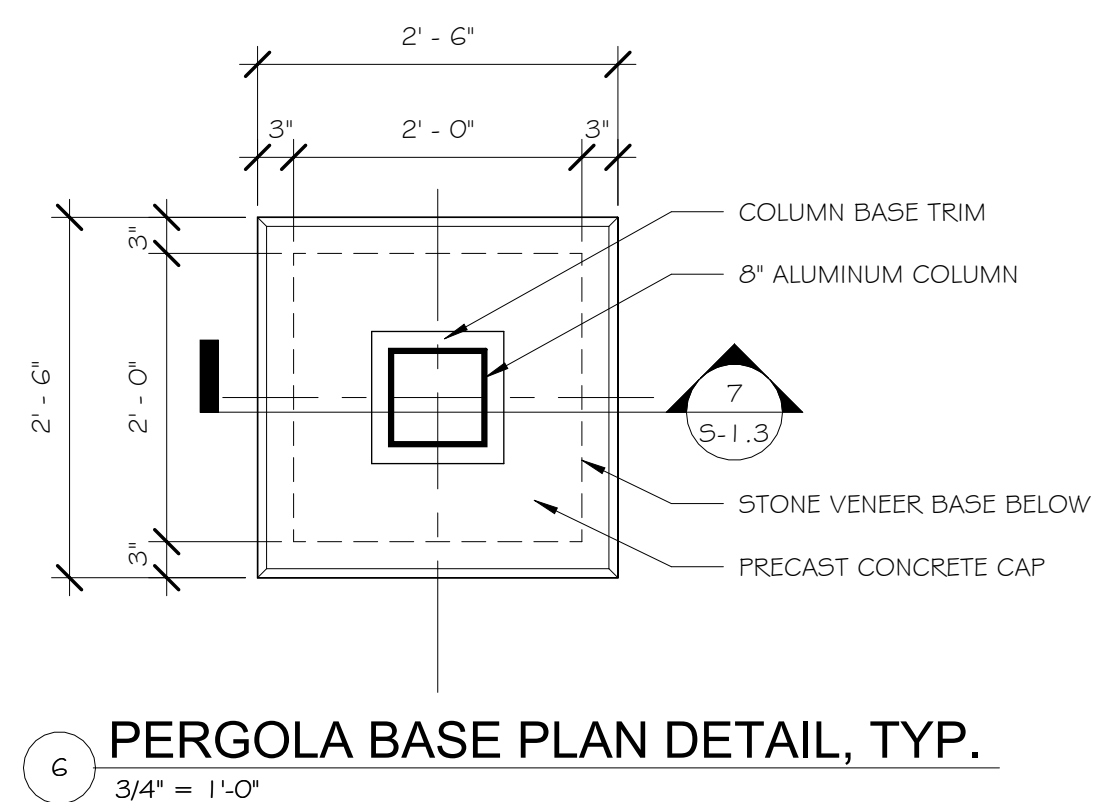
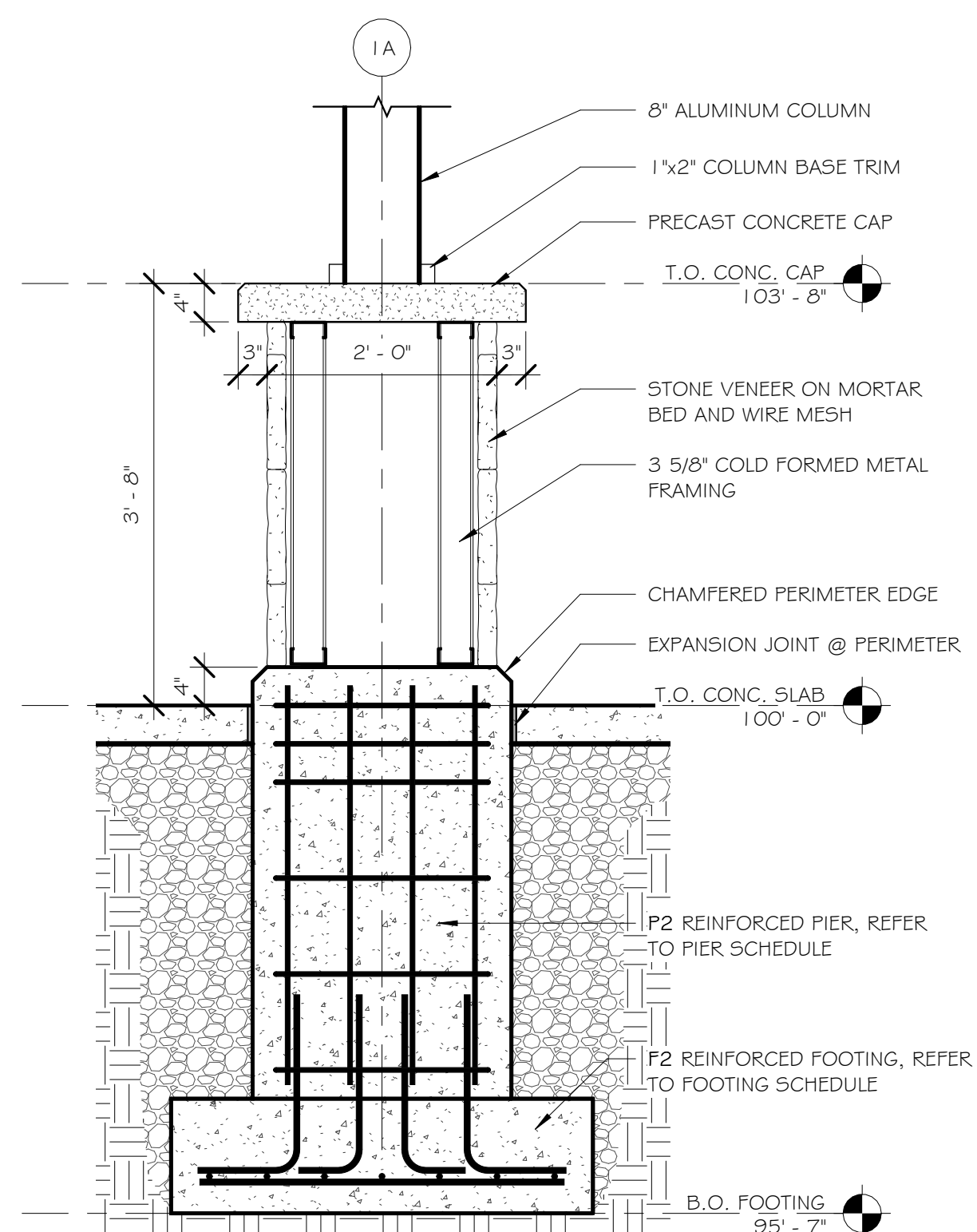
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PROJECT
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TITLE OF DRAWING
ROOF FRAMING PLAN

DRAWING SCALE
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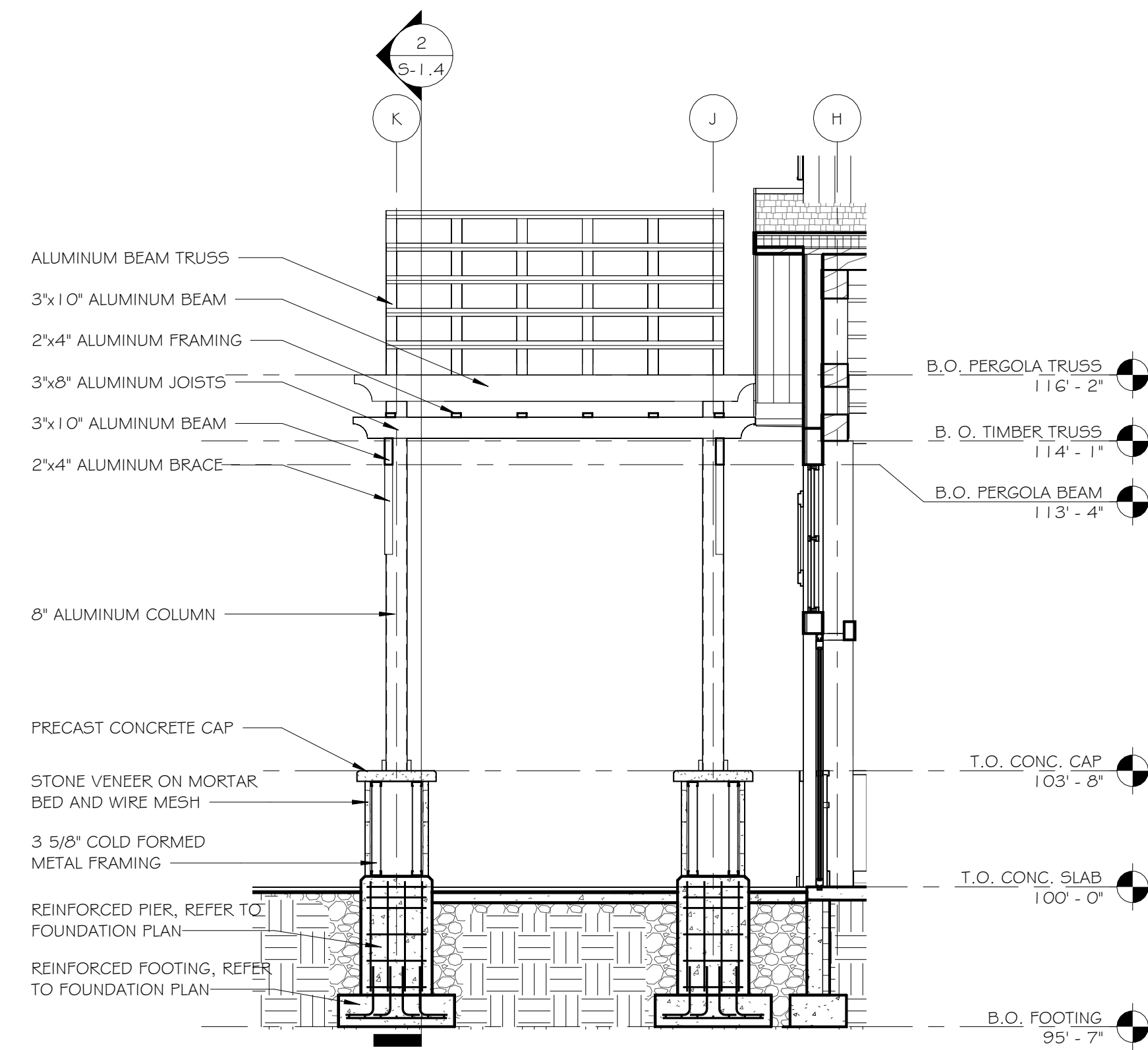
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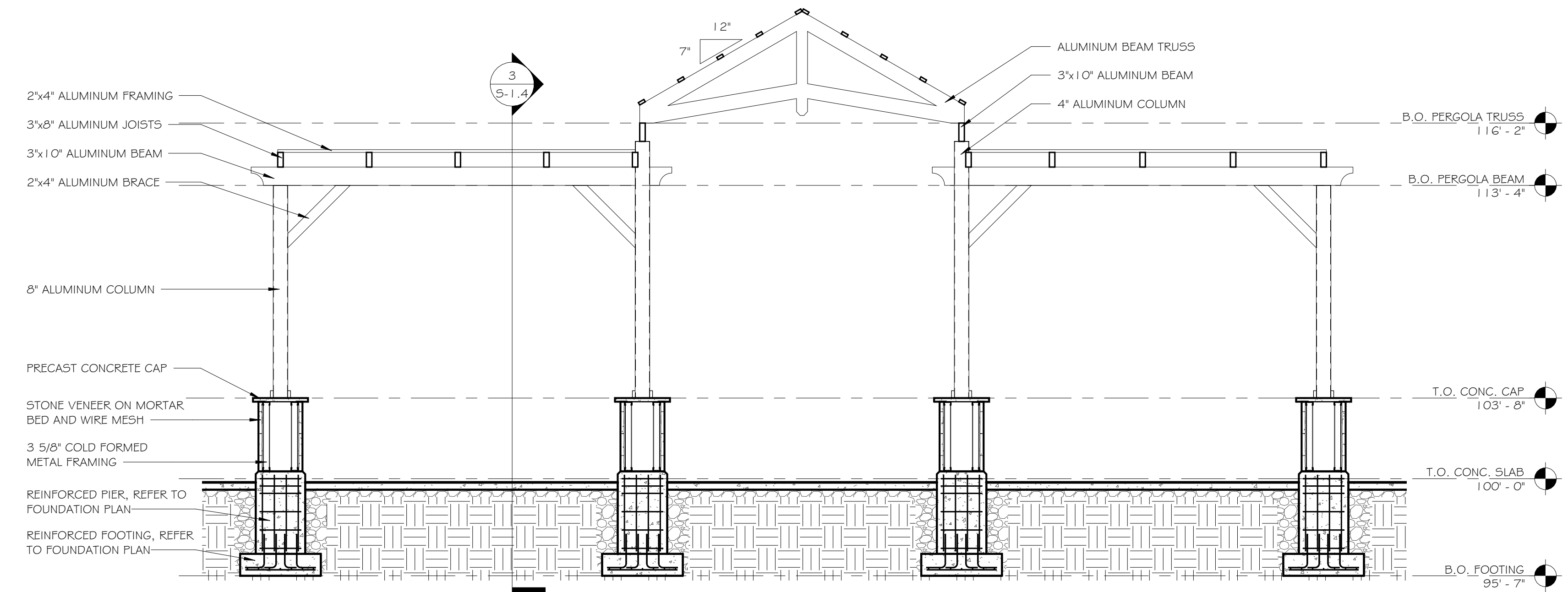
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PERGOLA PLANS

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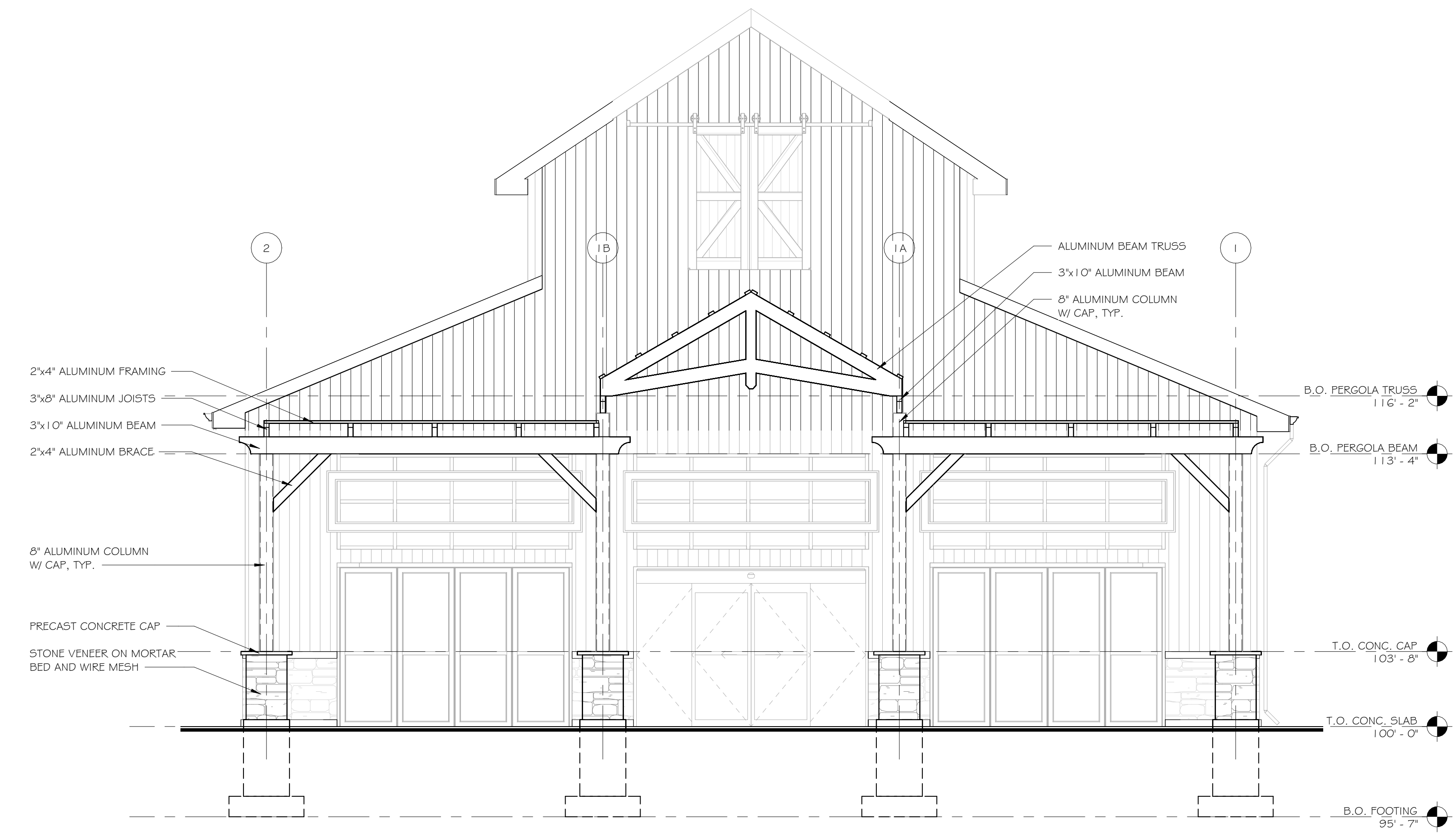
S-1.3



3 PERGOLA SECTION
1/4" = 1'-0"



2 PERGOLA SECTION
1/4" = 1'-0"



1 PERGOLA ELEVATION
1/4" = 1'-0"

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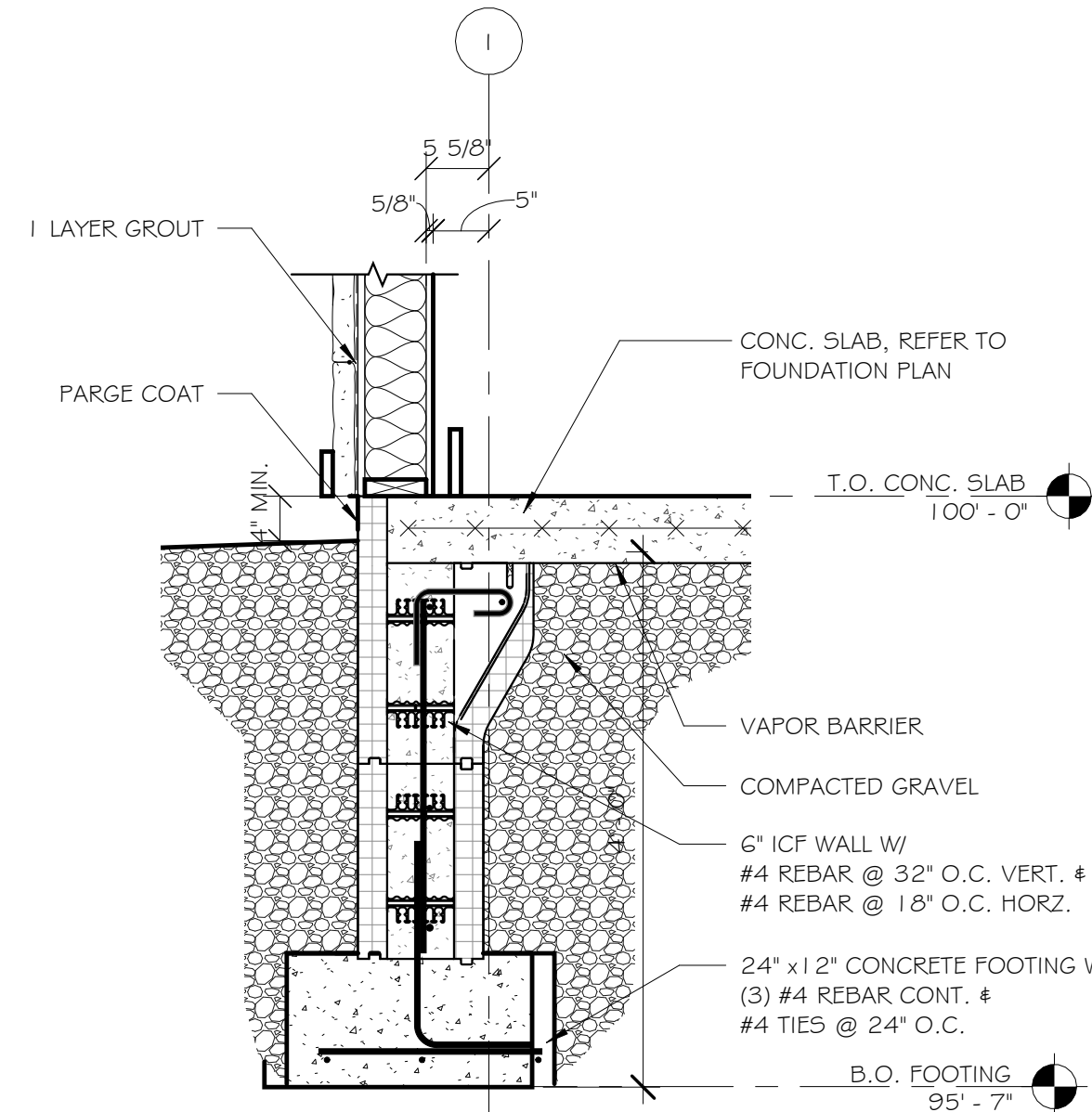
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2384 WEST RIVER ROAD,
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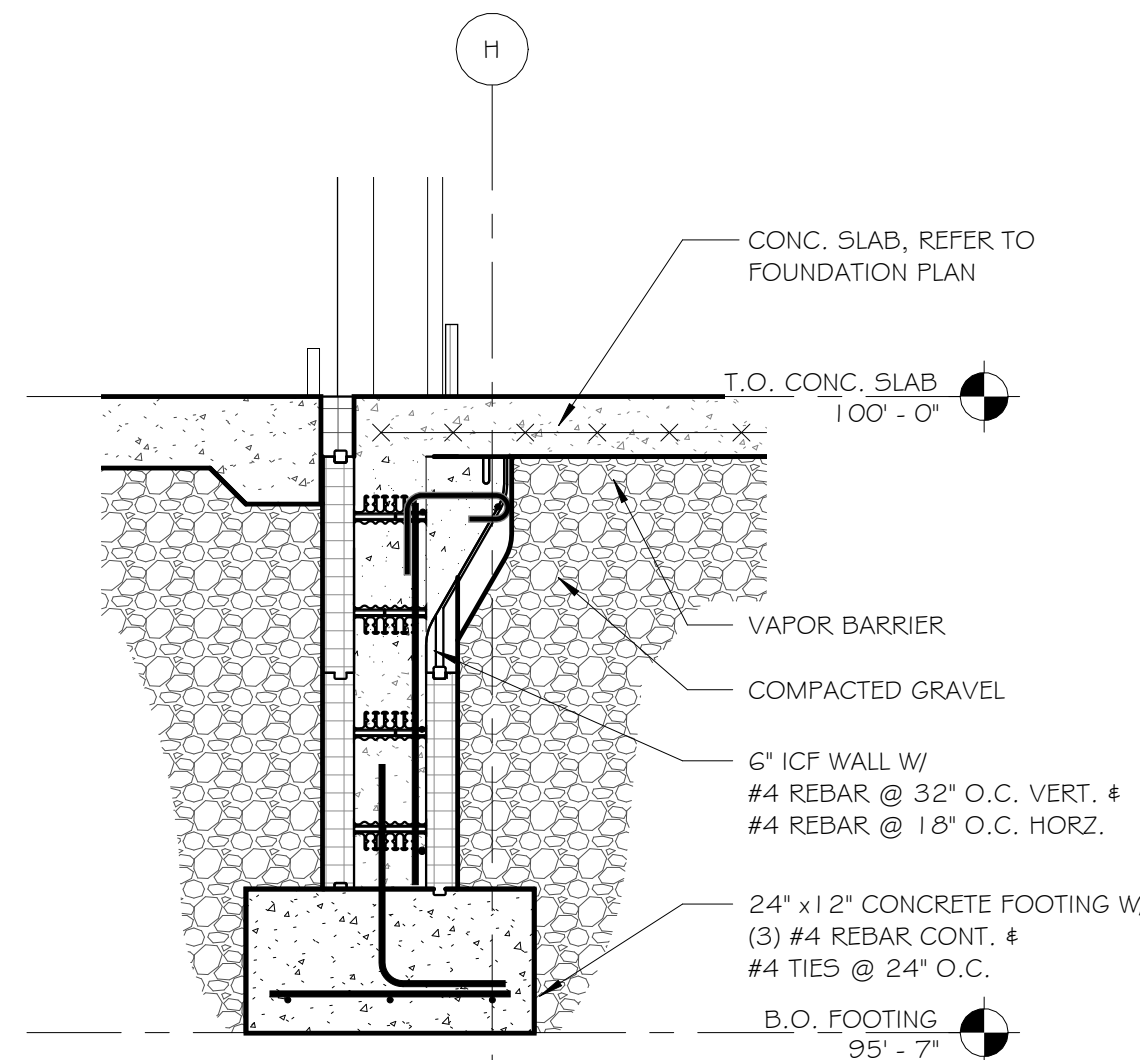
TITLE OF DRAWING
PERGOLA ELEVATION & SECTIONS

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ISSUE DATE:
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PROJECT NO.
23-111
DRAWING NO.

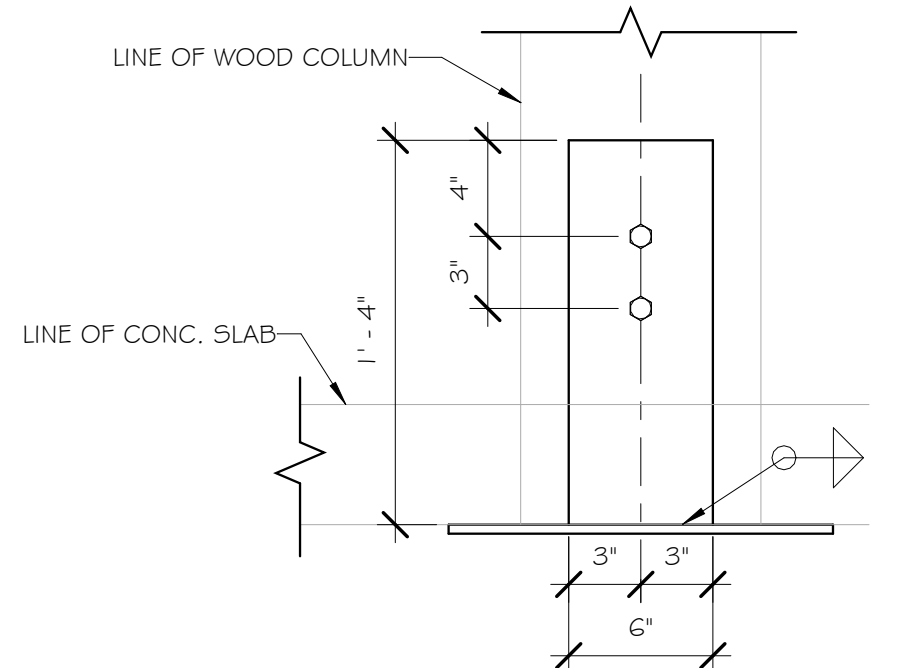
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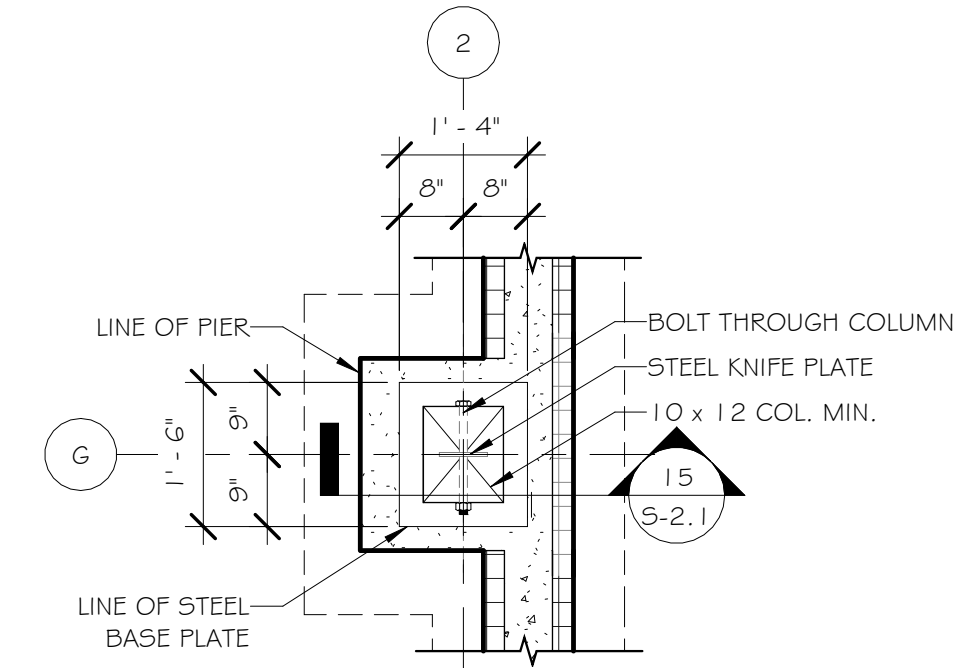
1 SECTION @ TYP. FOUNDATION
3/4" = 1'-0"



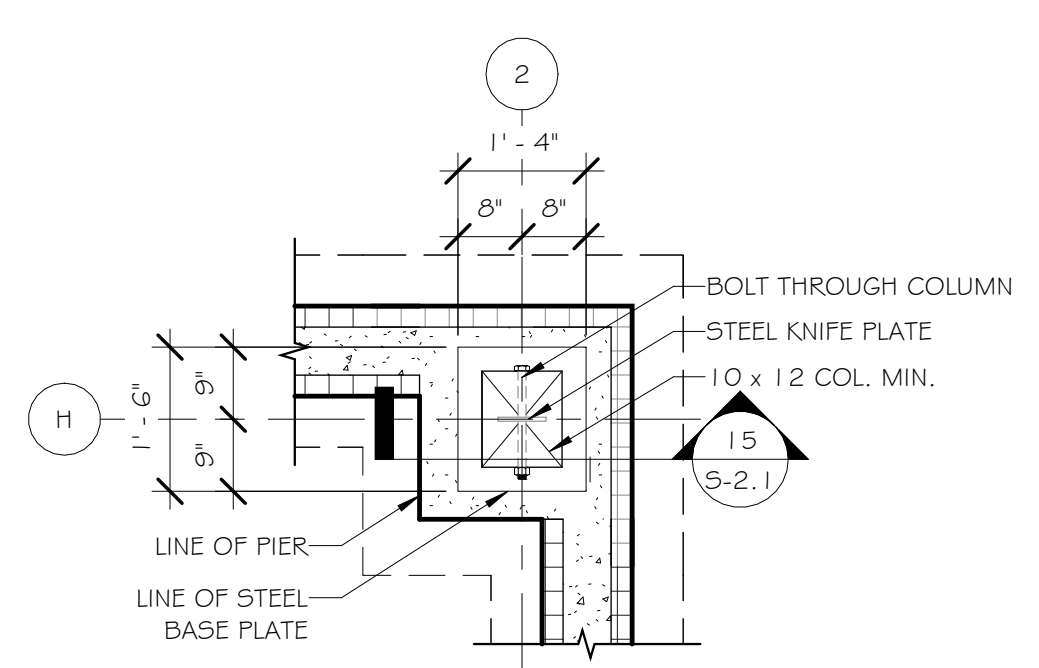
2 Section 7
3/4" = 1'-0"



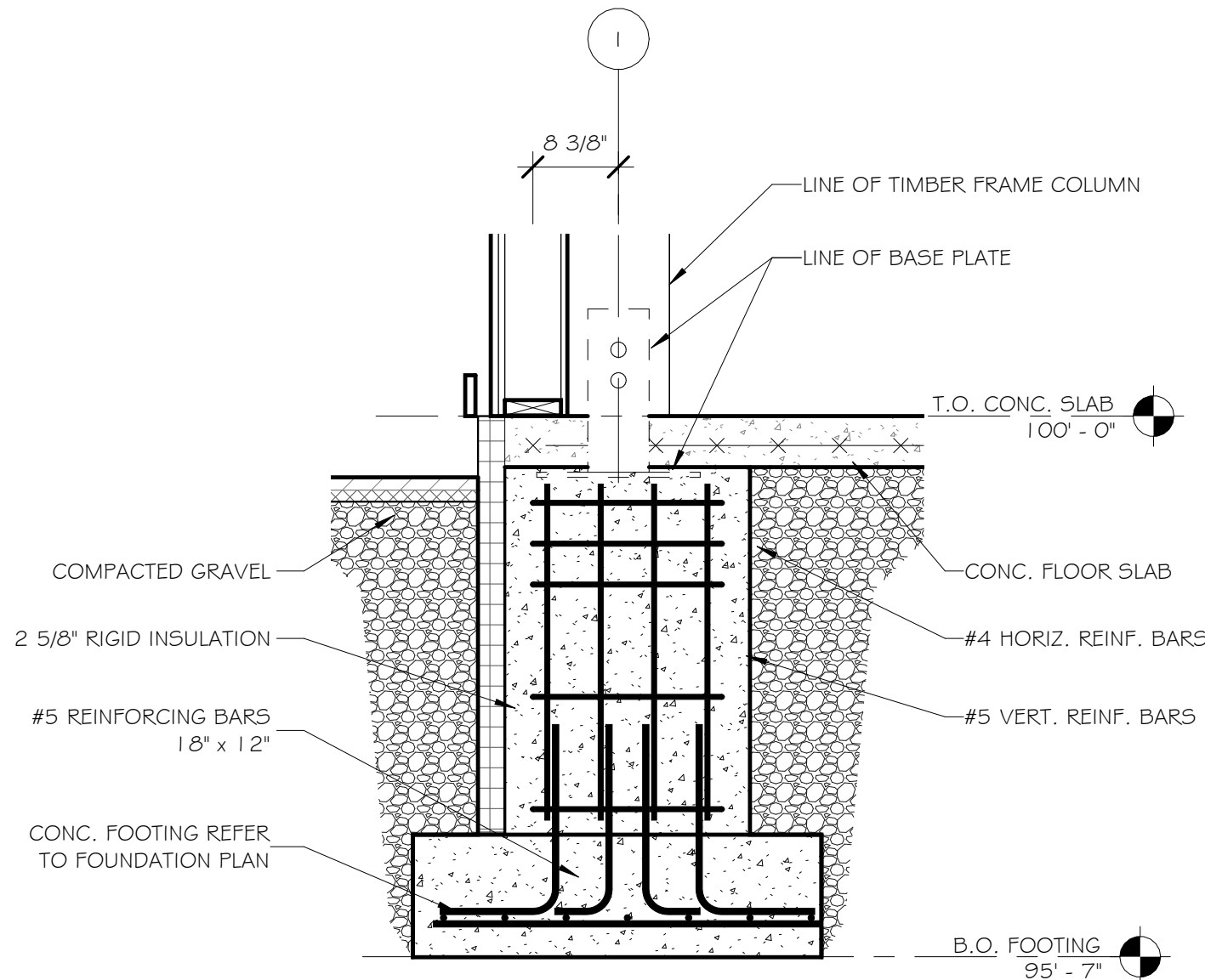
15 TYPICAL BASE PLATE DETAIL
1/2" = 1'-0"



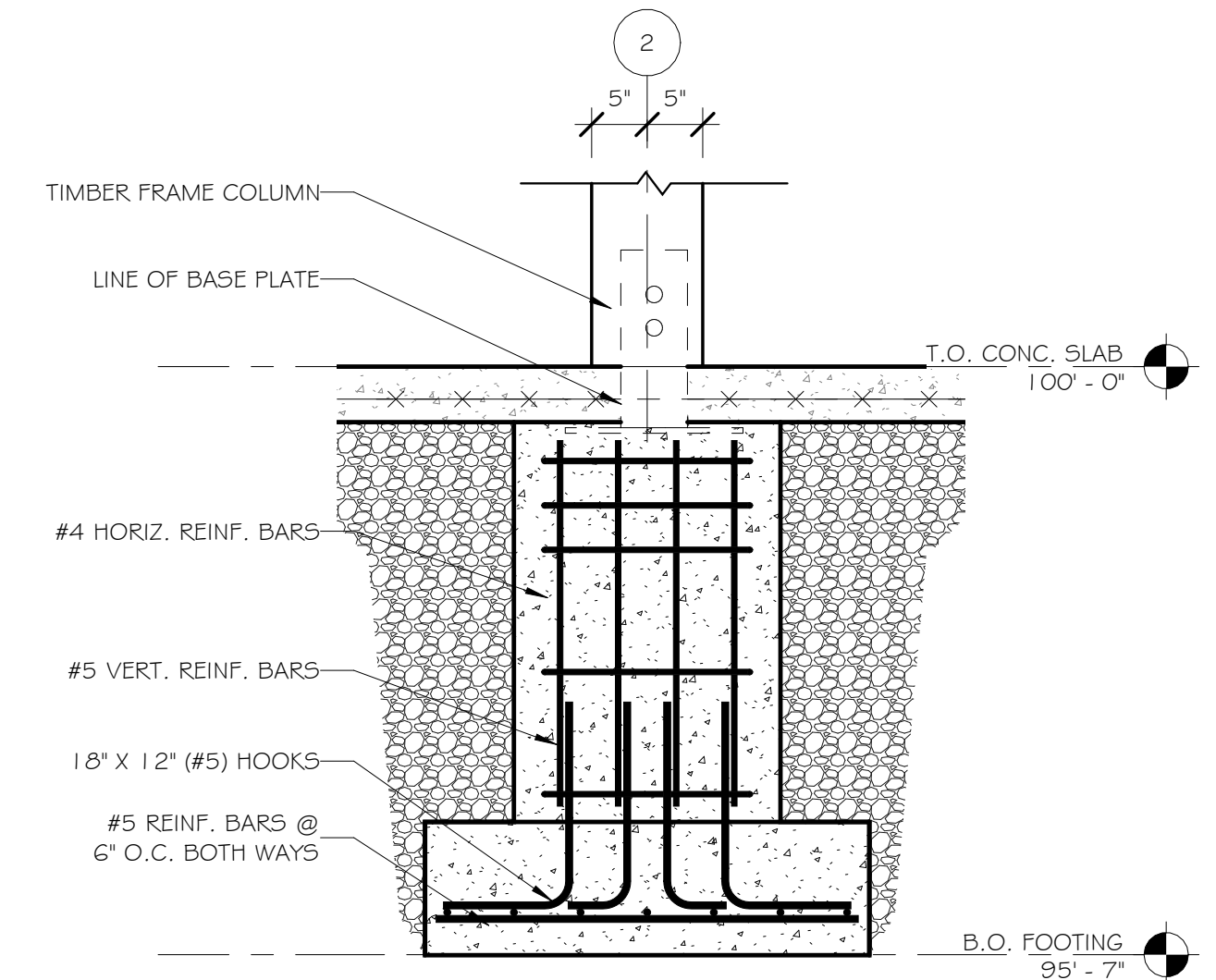
14 TYPICAL BASE PLATED DETAIL
1/2" = 1'-0"



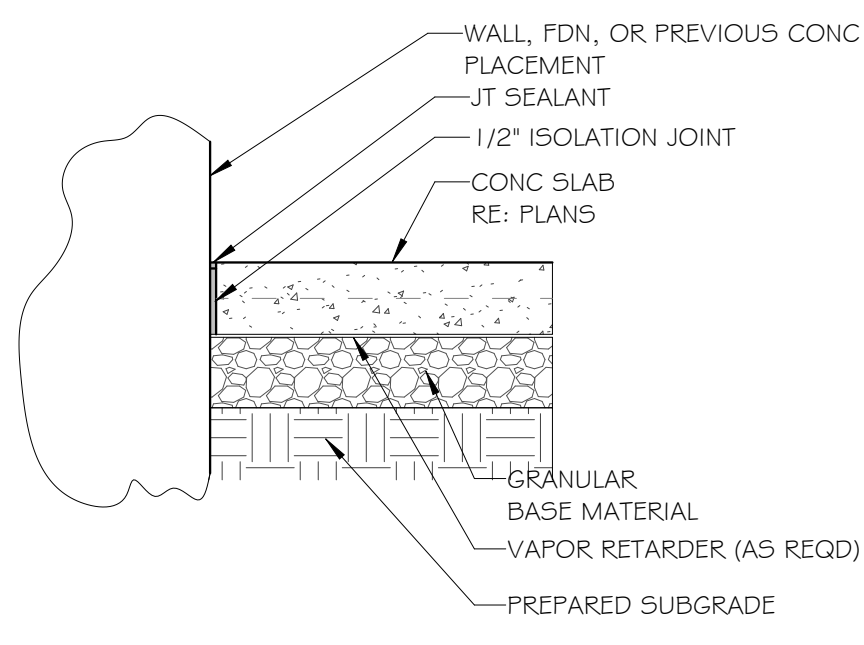
13 TYPICAL CORNER BASE PLATED DETAIL
1/2" = 1'-0"



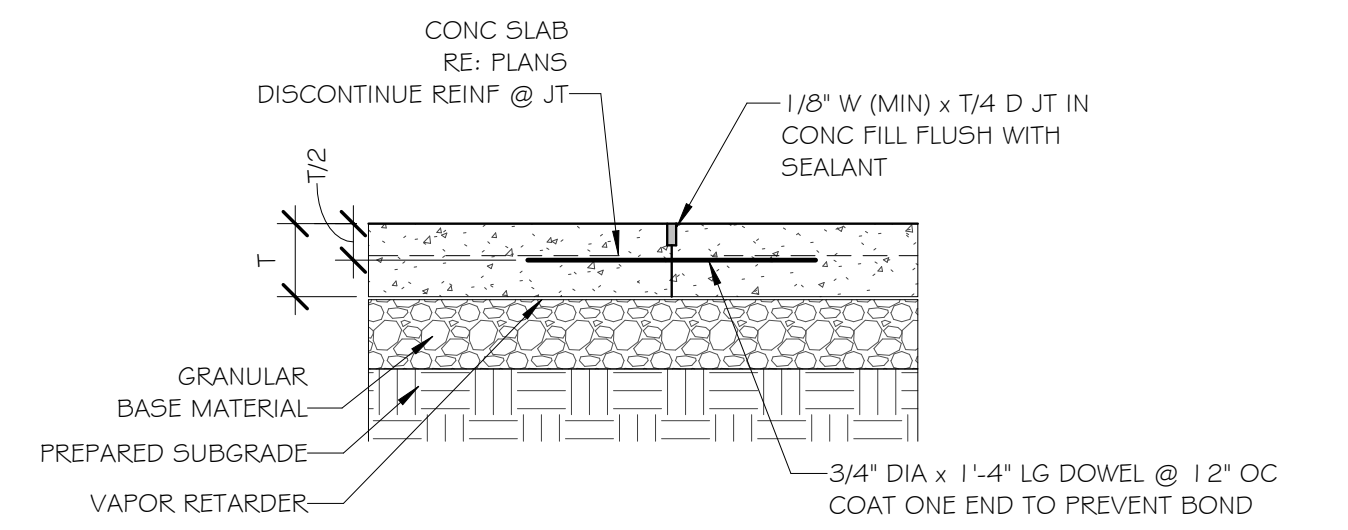
3 TYPICAL PIER DETAIL
3/4" = 1'-0"



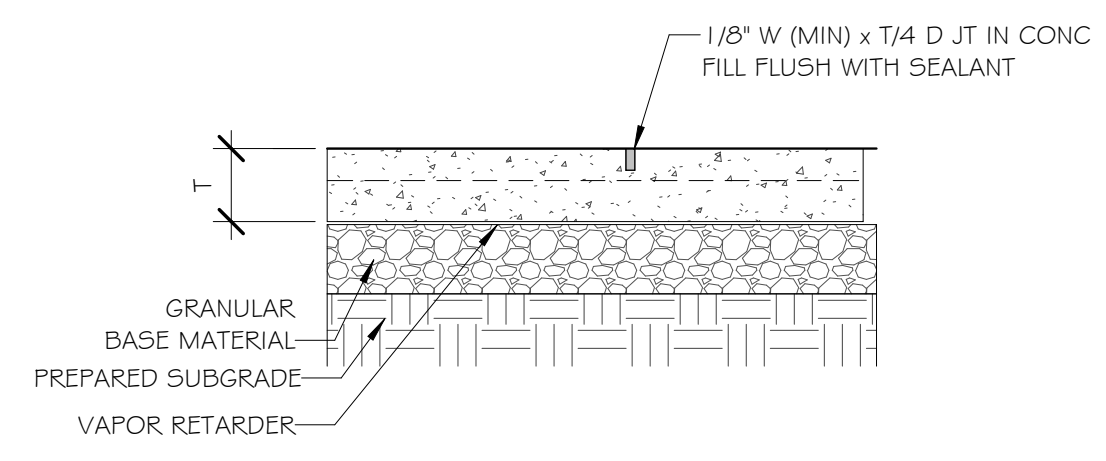
4 ISOLATED FOUNDATION DETAIL
3/4" = 1'-0"



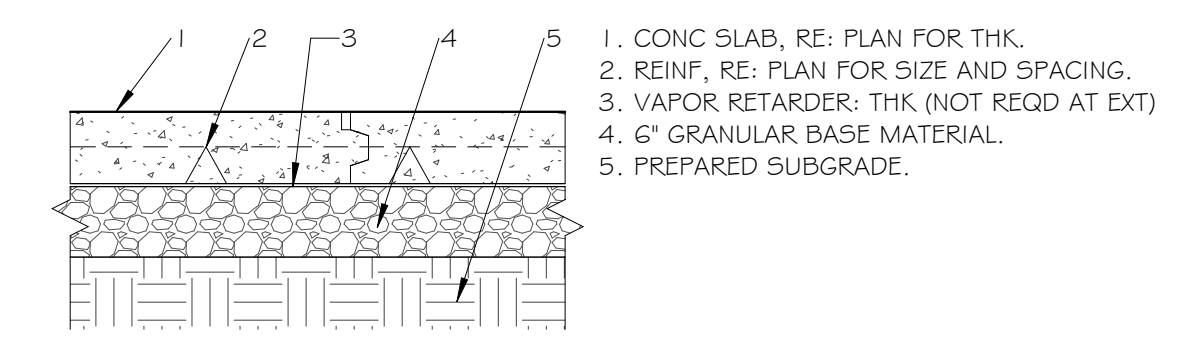
5 TYP. ISOLATION JOINT (IJ)
3/4" = 1'-0"



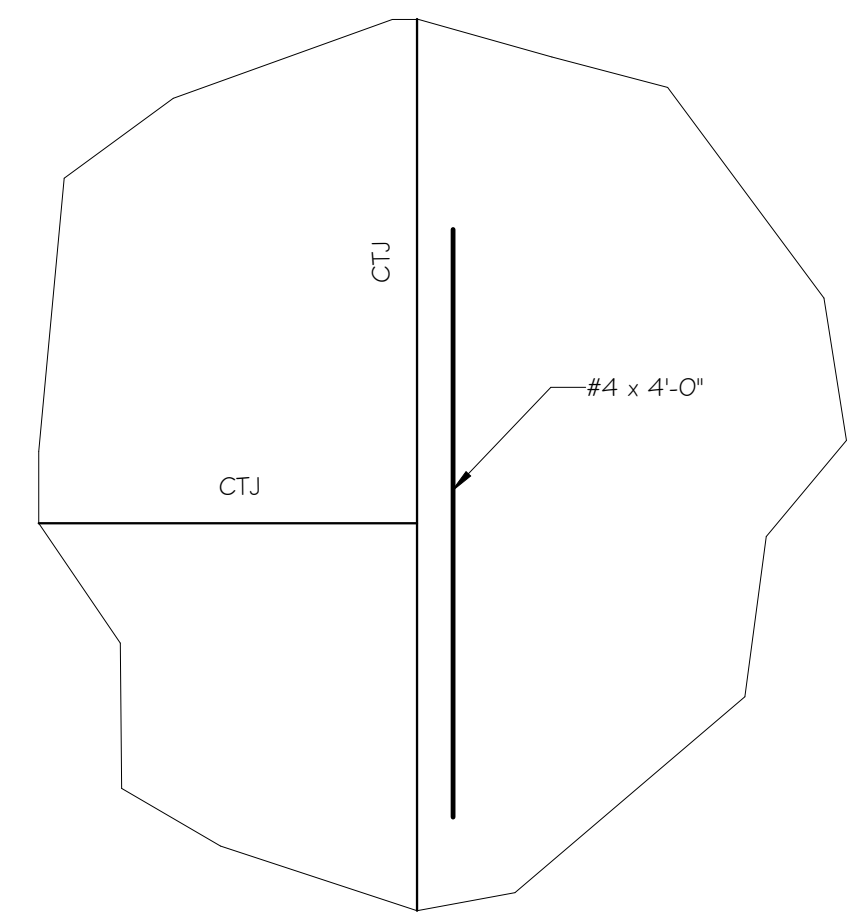
6 TYP. DOWELED CONSTRUCTION JOINT (CJ)
3/4" = 1'-0"



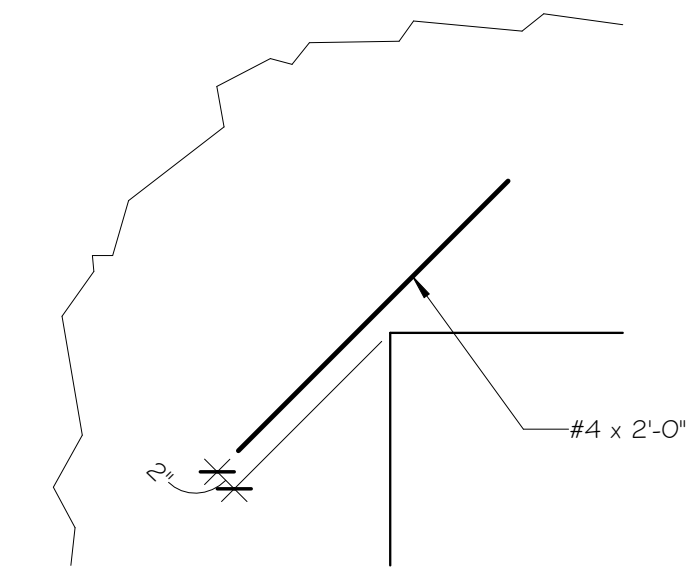
7 TYP. CONTROL JOINT
3/4" = 1'-0"



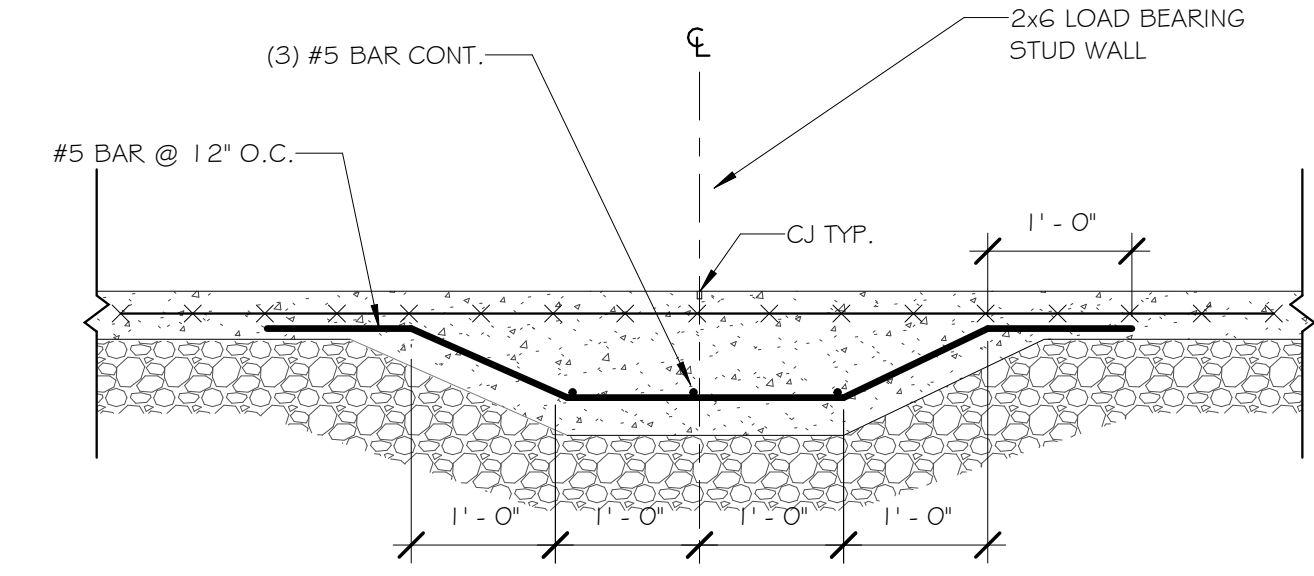
8 TYP. SLAB CONSTRUCTION
3/4" = 1'-0"



9 CONTRACTION JOINT (CTJ) @ DISCONTINUOUS JOINT
3/4" = 1'-0"



10 TYP. SLAB RE-ENTRANT CORNER DETAIL
3/4" = 1'-0"



11 THICKENED SLAB DETAIL
3/4" = 1'-0"

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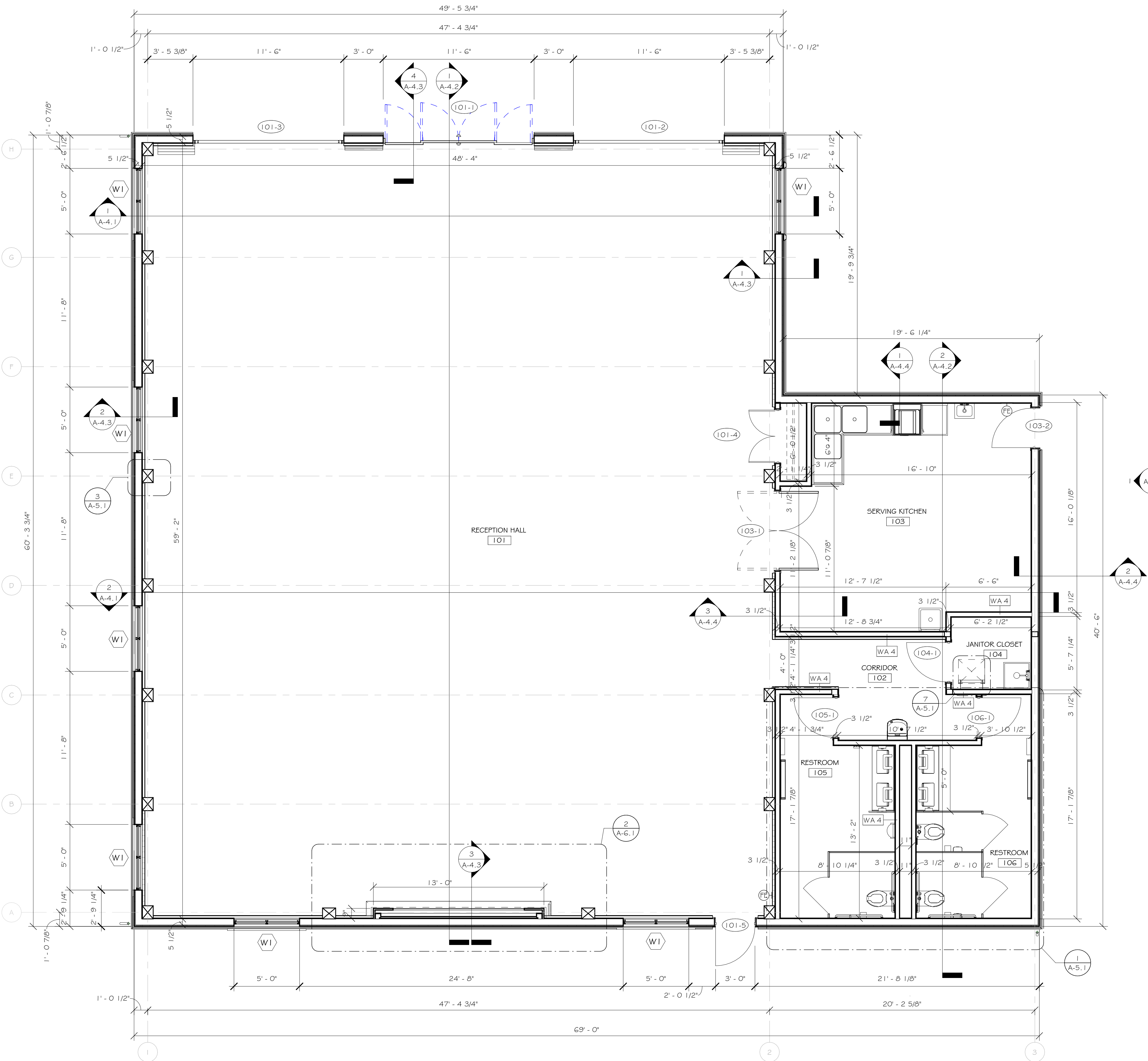
PROJECT
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NICHOLS, NY 13812

TITLE OF DRAWING
FOUNDATION DETAILS

DRAWING SCALE
AS NOTED
ISSUE DATE:
04/15/2024
PROJECT NO.
23-111
DRAWING NO.

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK REQUIRED TO IMPLEMENT THE WORK OF THE CONTRACT, REGARDLESS OF WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.
2. ALL DIMENSIONS ARE FROM THE FACE OF STUD TO FACE OF STUD, UNLESS NOTED OTHERWISE. ITEMS SHOWN ARE INTENDED TO GIVE APPROXIMATE QUANTITY, LOCATION AND TYPE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ACTUAL QUANTITY AND EXISTING FIELD CONDITIONS.
3. THE OWNER RESERVES THE RIGHT TO RETAIN ANY REMOVED ITEMS AFTER CONTRACTOR REMOVAL. THE CONTRACTOR SHALL REMOVE FROM THE SITE, AND DISPOSE OF ANY ITEMS THE OWNER DOES NOT WISH TO RETAIN.
4. THE CONTRACTOR SHALL RESTORE ALL EXCAVATIONS TO EXISTING GRADE ELEVATION UNLESS NOTED OTHERWISE.
5. VERIFY WITH THE OWNER THE EXACT SIZE OF ALL EQUIPMENT FURNISHED BY OWNER FOR PROPER FIT WITH CONTRACTOR SUPPLIED COMPONENTS.
6. ALL NEW PARTITIONS ARE TO BE WALL TYPE W44 UNLESS NOTED OTHERWISE.
7. EXTEND ALL WALLS TO ROOF DECK, UNLESS NOTED OTHERWISE.
8. PROVIDE AN APPROVED GALVANIC BARRIER BETWEEN ALL DISSIMILAR METALS IN CONTACT WITH ONE ANOTHER.
9. THE WHEELCHAIR SYMBOL INDICATES HANDICAPPED ACCESSIBLE MOUNTED FIXTURE ELEVATION AND SHALL CONFORM WITH CABO/ANSI A117.1 AND ADAAG REQUIREMENTS.
10. THE HVAC, PLUMBING AND ELECTRICAL TRADES CONTRACTORS SHALL COORDINATE ROOF AND WALL OPENINGS WITH THE GENERAL TRADES CONTRACTOR. THE GENERAL TRADES CONTRACTOR SHALL PROVIDE ALL ROOF AND WALL OPENINGS FOR DUCTWORK/HVAC EQUIPMENT UNLESS NOTED OTHERWISE. HVAC, P.C. AND E.C. SHALL PROVIDE OPENINGS FOR PIPE PENETRATIONS. THE GENERAL TRADES CONTRACTOR SHALL INSTALL, BLOCKING, SUPPLEMENTAL STEEL FRAMING, AND ALL FLASHING. REFER TO H, P, AND E DRAWINGS FOR LOCATIONS.
11. THIS CONTRACT REQUIRES COMPLETE AND WORKABLE SYSTEMS AND ALL COMPONENTS NECESSARY FOR SUCH SYSTEMS. ALL MATERIALS AND LABOR SHALL BE PROVIDED AS INDICATED AND REASONABLY INFERRED BY THE CONTRACT DOCUMENTS.
12. CONTRACTORS SHALL NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES. IN THE EVENT OF OMISSION OF NECESSARY DIMENSIONS OR INFORMATION THE CONTRACTOR SHALL NOTIFY THE ARCHITECT.
13. THE CONTRACTOR SHALL COORDINATE THE WORK OF THIS CONTRACT WITH THE WORK OF ALL TRADES. VERIFY SIZE AND LOCATION OF ALL OPENINGS FOR MECHANICAL AND ELECTRICAL EQUIPMENT AND RELATED WORK WITH CONTRACTORS INVOLVED PRIOR TO INSTALLATION.
14. THE GENERAL TRADES CONTRACTOR SHALL PROVIDE ALL BLOCKING FOR THE SUPPORT OF ALL ITEMS OR EQUIPMENT SHOWN OR SPECIFIED.
15. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD BEFORE COMMENCING ANY WORK AND NOTIFY THE ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND.
16. THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION REQUIRED TO IMPLEMENT THE WORK OF THEIR RESPECTIVE CONTRACT, REGARDLESS OF WHETHER SPECIFICALLY INDICATED OR NOT, UNLESS NOTED OTHERWISE.
17. ALL PENETRATIONS AND PERIMETER OF FIRE RATED PARTITIONS ARE TO BE SEALED WITH APPROVED U.L. FIRE RATED ASSEMBLIES.
18. THE GENERAL TRADES CONTRACTOR SHALL BE RESPONSIBLE FOR SEALANT AT THE PERIMETER OF ALL MECHANICAL, PLUMBING, AND ELECTRICAL PENETRATIONS. EACH RESPECTIVE TRADE SHALL BE RESPONSIBLE FOR PROPER WATER SEALS AT PENETRATIONS REQUIRING SEALS IN EXCESS OF CAULKING.
19. FINISHED DOOR OPENINGS SHALL BE NOMINAL 4" FROM FINISHED CORNER OF ROOM AT HINGE SIDE, EXCEPT WHERE DIMENSIONED OTHERWISE. DOOR STRIKES SHALL BE 1'-6" MINIMUM FROM A PERPENDICULAR WALL ON THE PULL SIDE OF A DOOR AND 1'-0" ON THE PUSH SIDE OF A DOOR WITH BOTH A CLOSER AND LATCH.
20. CENTER ALL MECHANICAL PENETRATIONS AND ELECTRICAL DEVICES WITHIN CEILING TILE.
21. ALL EXTERIOR CONCRETE SLABS SHALL SLOPE AWAY FROM BUILDING AT 1/8" INCH PER FOOT UNLESS OTHERWISE NOTED.



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

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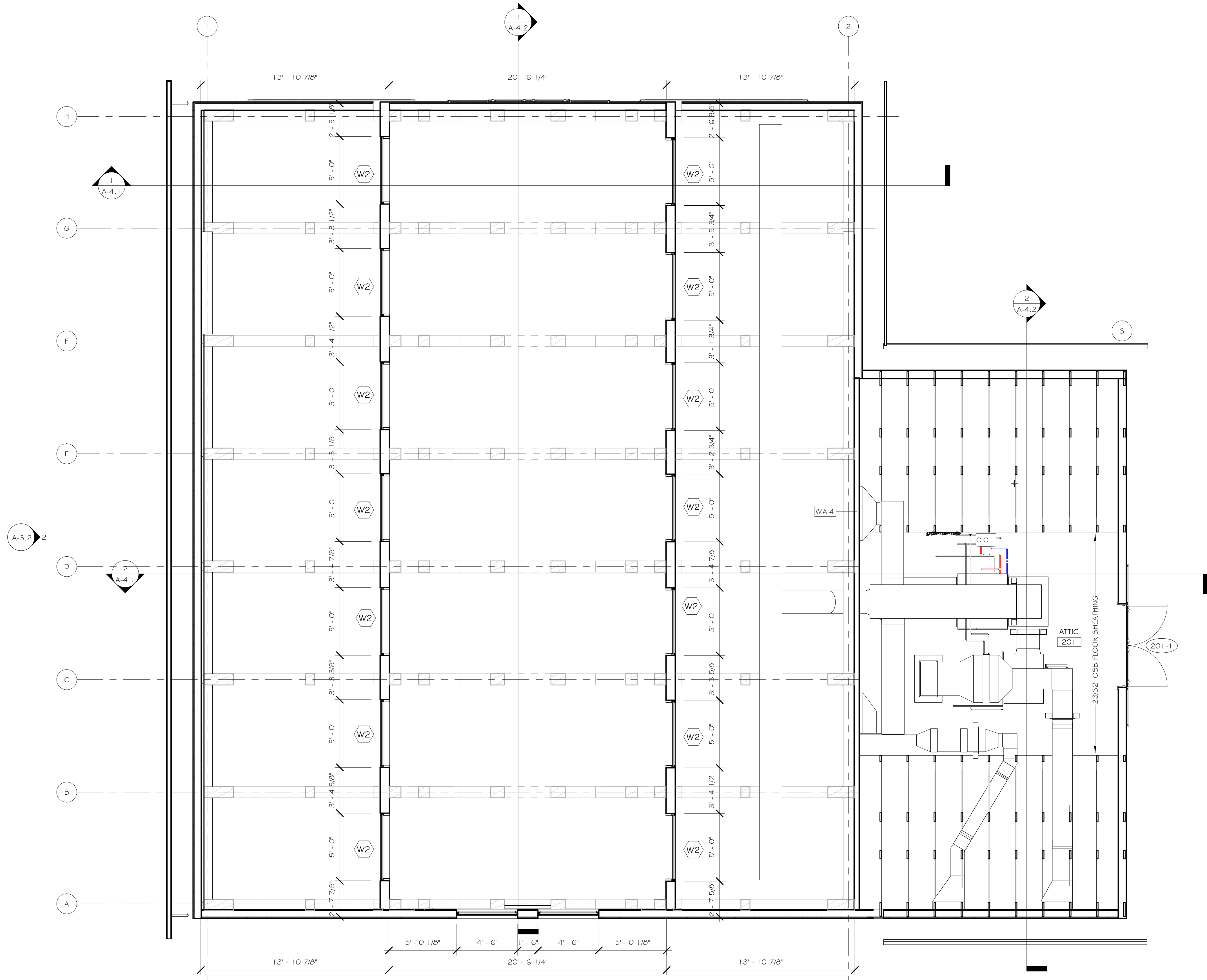
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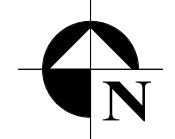
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1 ATTIC PLAN
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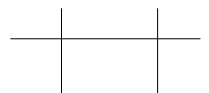








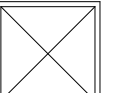
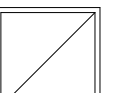
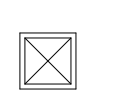

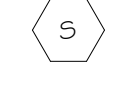
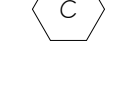
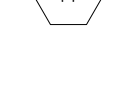

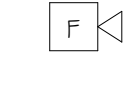
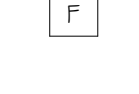


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REFLECTED CEILING / LIGHTING LEGEND

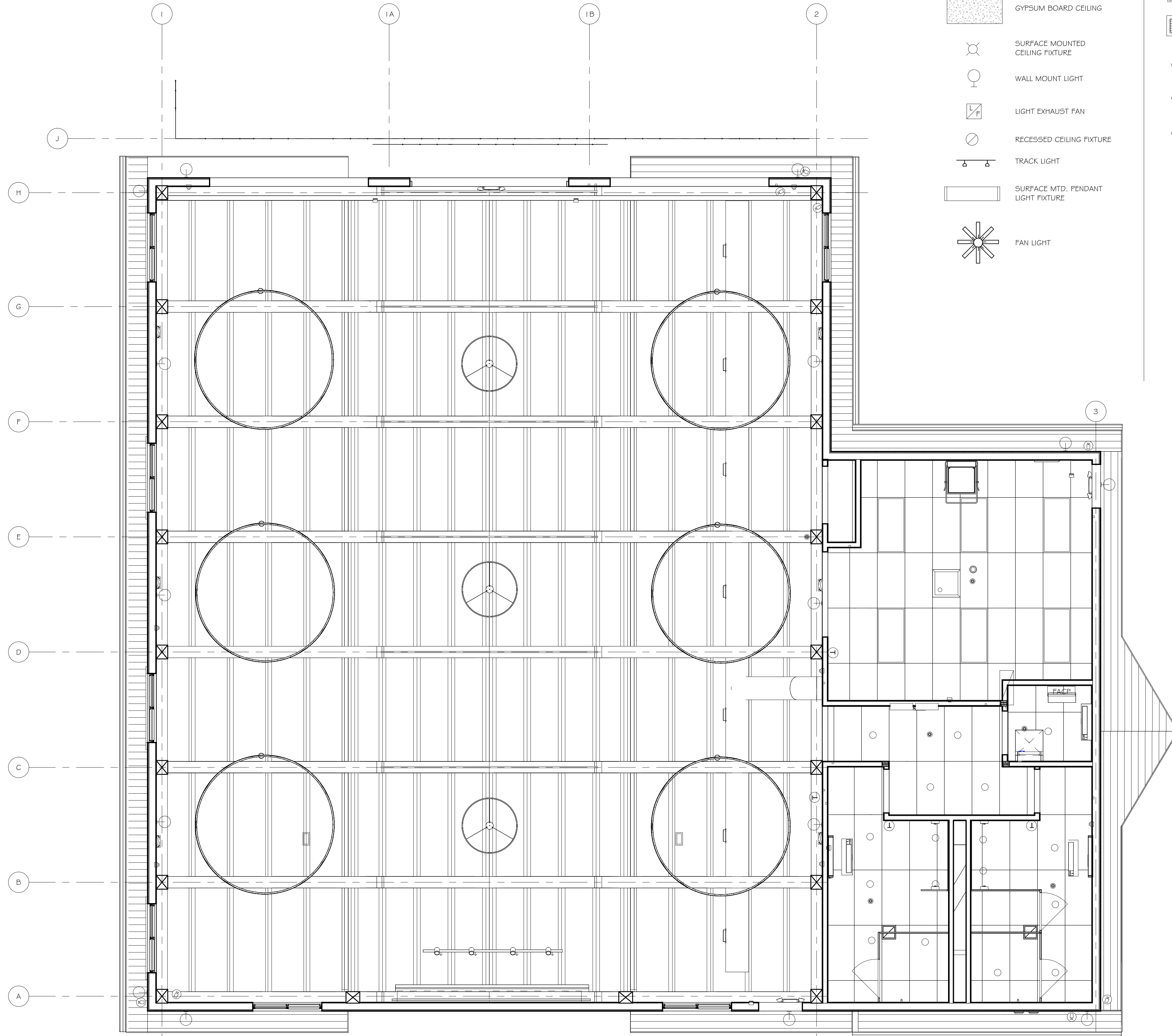
-  2x4 SUSPENDED GRID
-  2x2 SUSPENDED GRID
-  GYPSUM BOARD CEILING
-  SURFACE MOUNTED CEILING FIXTURE
-  WALL MOUNT LIGHT
-  LIGHT EXHAUST FAN
-  RECESSED CEILING FIXTURE
-  TRACK LIGHT
-  SURFACE MTD. PENDANT LIGHT FIXTURE
-  FAN LIGHT
-  2' x 2' SUPPLY AIR DIFFUSER
-  2' x 2' RETURN AIR DIFFUSER
-  1'-0" x 1'-0" SUPPLY AIR DIFFUSER
-  1'-0" x 1'-0" EXHAUST GRILL
-  HARD WIRED SMOKE DETECTOR
-  CARBON MONOXIDE DETECTOR
-  HEAT DETECTOR
-  RECESSED SPRINKLER HEAD
-  SEMI-RECESSED SPRINKLER HEAD
-  AUDIO ALARM DEVICE
-  FIRE ALARM PULL BOX
-  AUDIOVISUAL DEVICE

REFLECTED CEILING PLAN NOTES:

- A. ALL CEILINGS SHALL BE AT 7'-8" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE.
- B. CEILING GRID SHALL BE CENTERED WITHIN ROOMS UNLESS NOTED OTHERWISE.
- C. CENTER ALL MECHANICAL PENETRATIONS AND ELECTRICAL DEVICES WITHIN CEILING TILES, UNLESS NOTED OTHERWISE. WHERE 2'x4' CEILING TILE IS SCORED TO 2'x2' PATTERN CENTER DEVICES IN 2'x2' TILE.
- D. ALL GWB CEILINGS AND SOFFITS ARE 1/2" GWB, UNLESS NOTED OTHERWISE. ALL VERTICAL FACES OF SOFFITS ARE GWB, UNLESS NOTED OTHERWISE.
- E. COORDINATE CEILING SUSPENSION SYSTEM WITH ALL MECHANICAL, PLUMBING AND ELECTRICAL COMPONENTS.
- F. REFER TO ELECTRICAL DRAWINGS FOR SPECIFIC LIGHT FIXTURE TYPES, EXIT SIGNS, SMOKE DETECTORS AND ALARMS. REFER TO MECHANICAL DRAWINGS FOR MECHANICAL PENETRATIONS.
- G. SUPPORT WIRES FOR SUSPENDED CEILING ASSEMBLY SHALL NOT BE TIED TO ANY MECHANICAL ELECTRICAL, OR PLUMBING PIPING OR EQUIPMENT.

REFLECTED CEILING PLAN KEYNOTES

- ① xxx
- ② xxx
- ③ xxx
- ④ xxx
- ⑤ xxx



① FIRST FLOOR RCP
1/4" = 1'-0"

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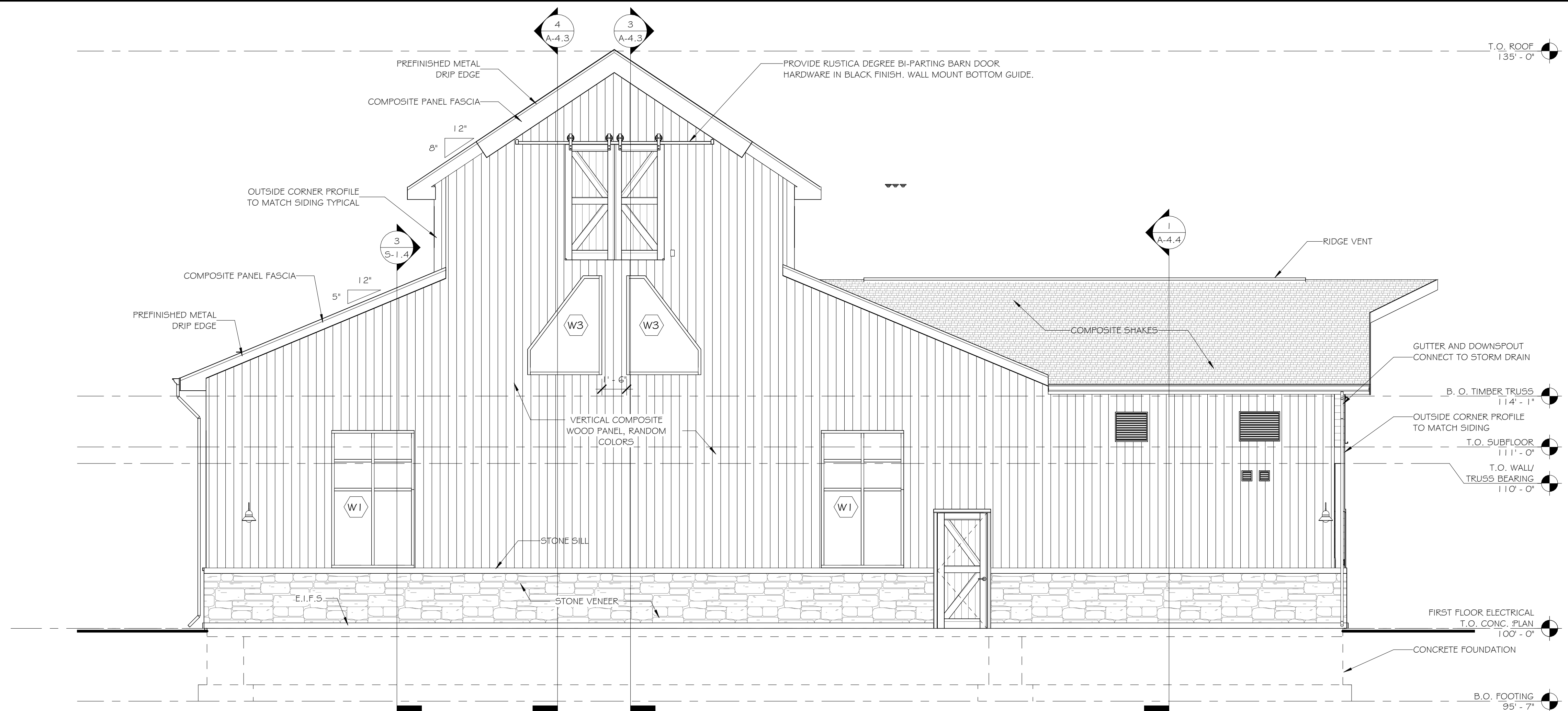
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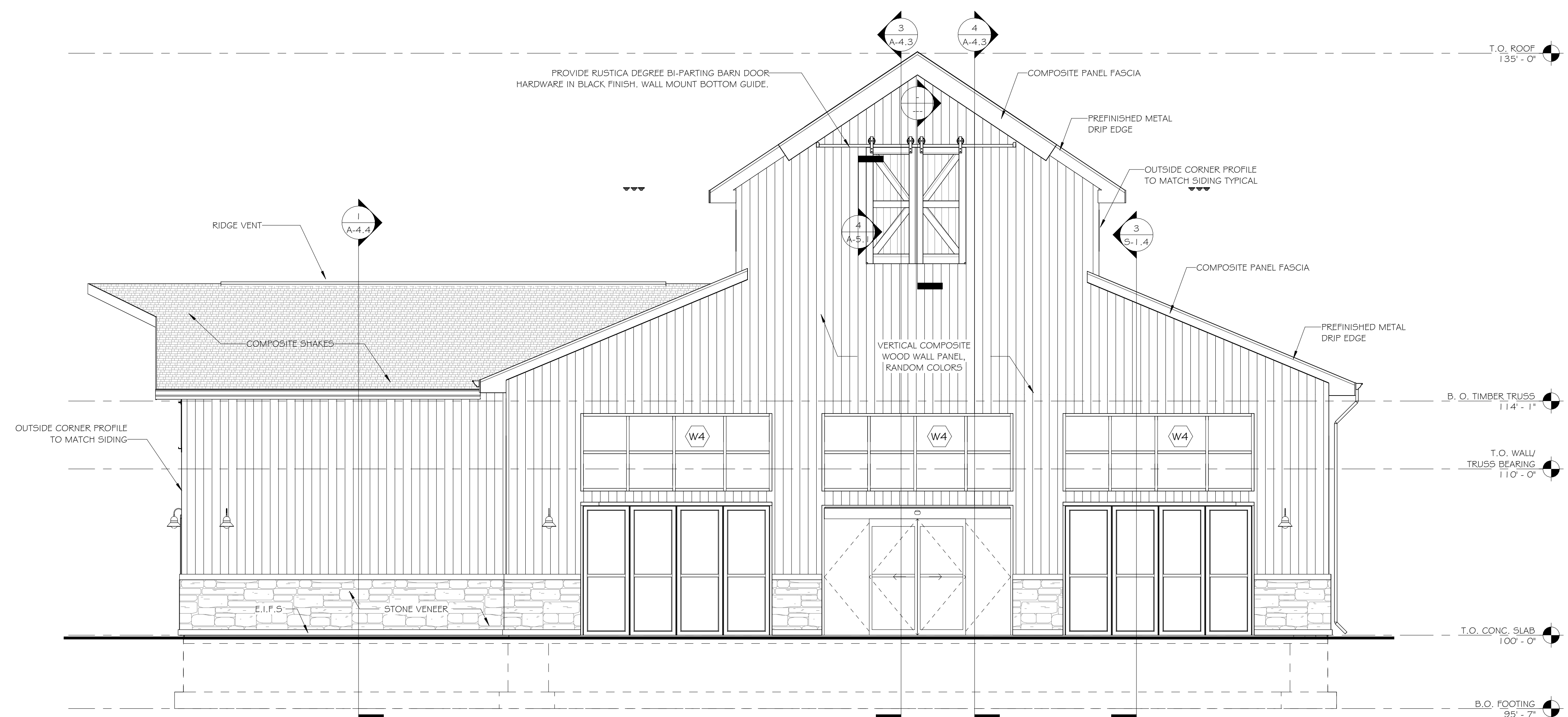
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2 SOUTH ELEVATION
1/4" = 1'-0"



1 NORTH ELEVATION
N.T.S.

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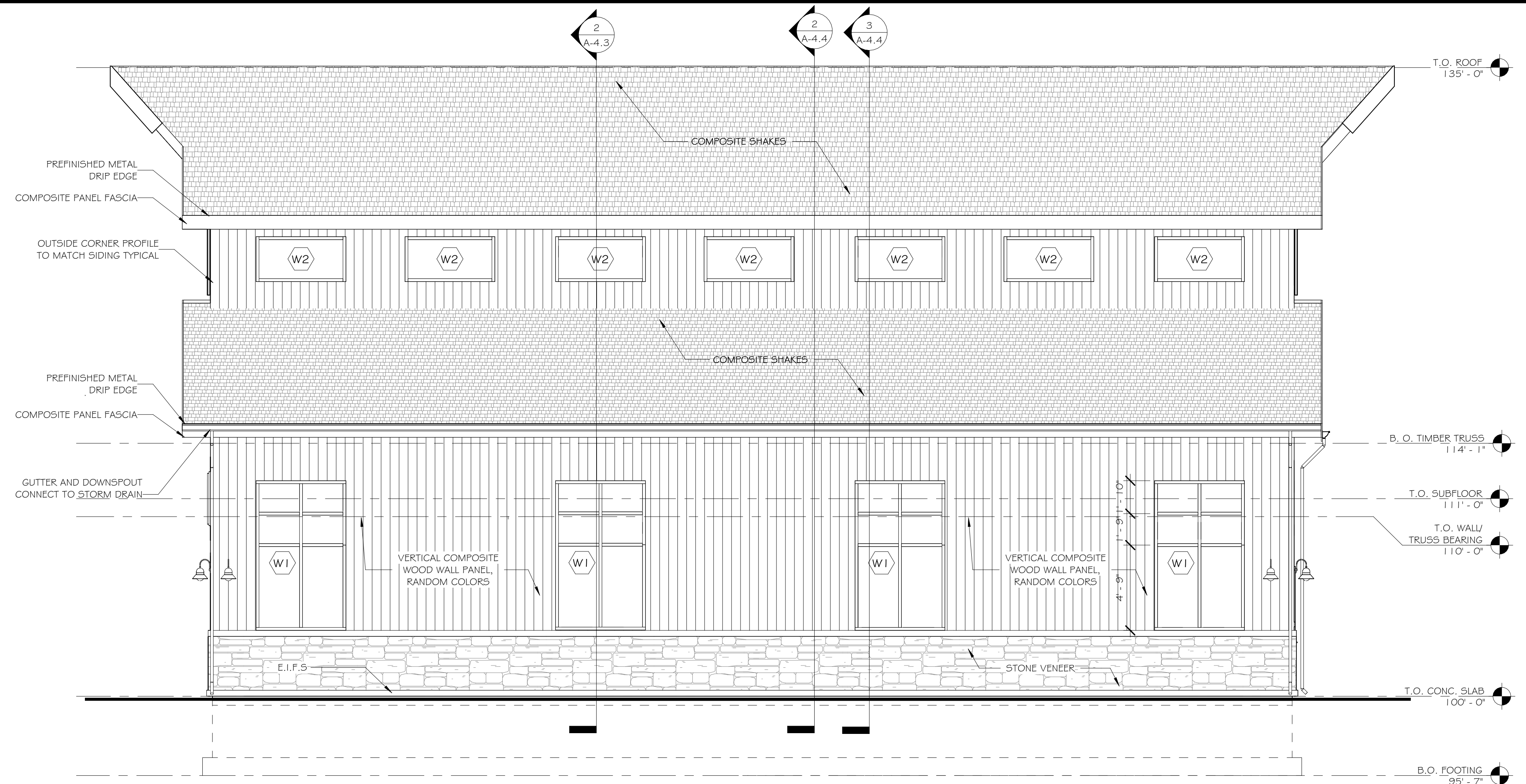
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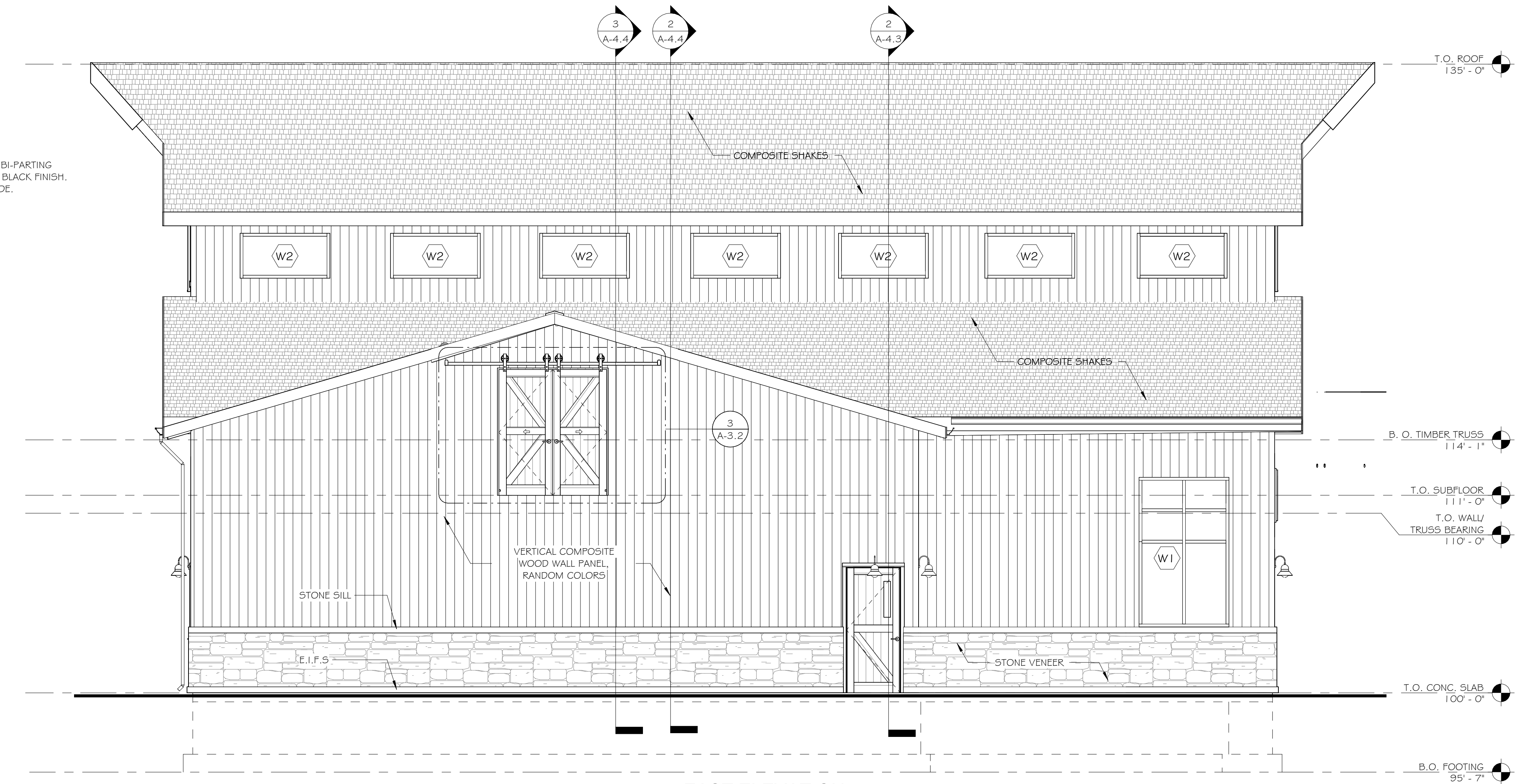
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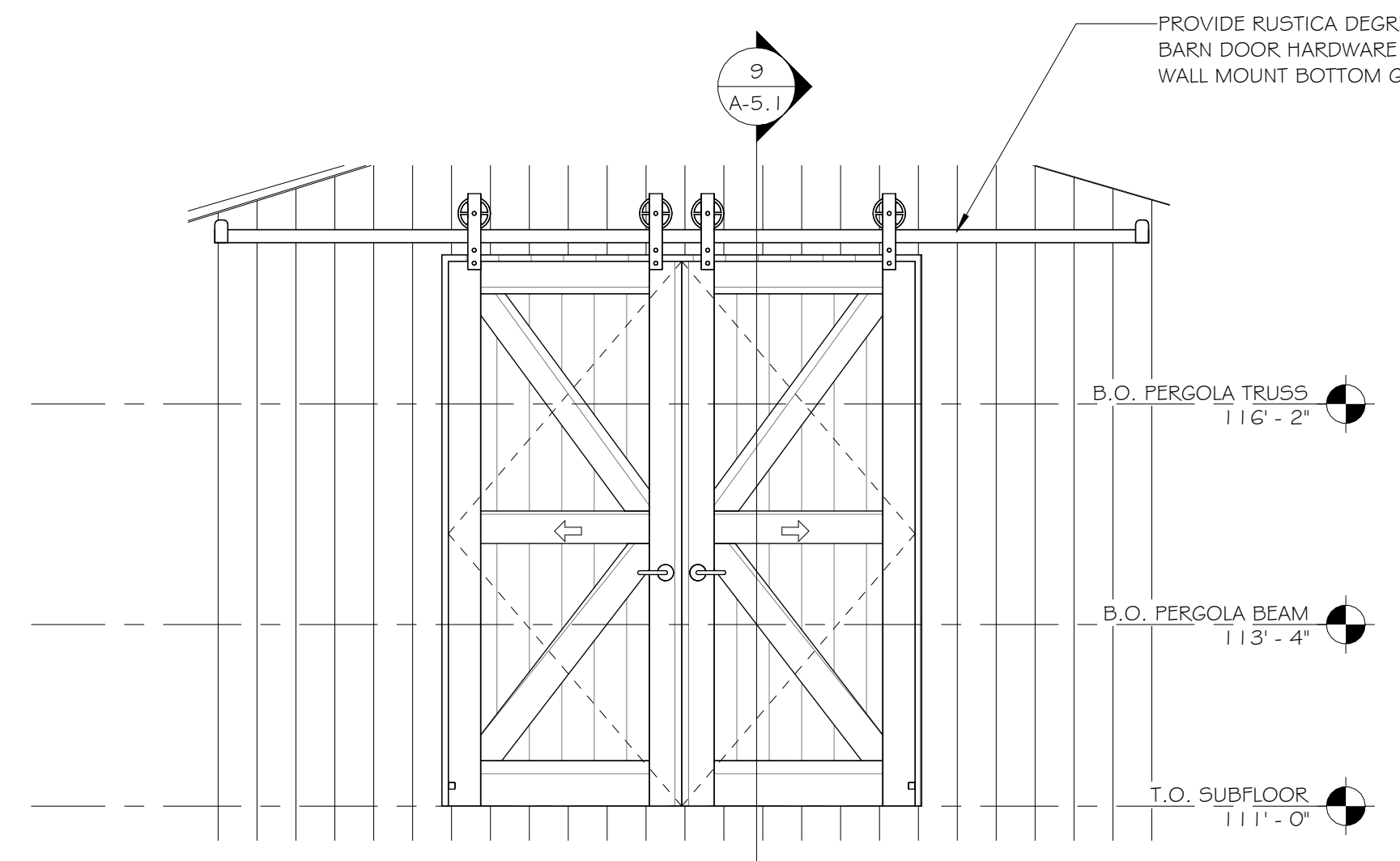
A-3.1



2 WEST ELEVATION
1/4" = 1'-0"



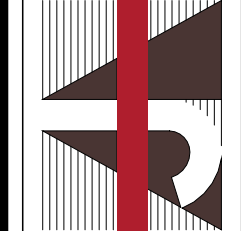
1 EAST ELEVATION
1/4" = 1'-0"



3 EAST ELEVATION - Callout 1
1/2" = 1'-0"

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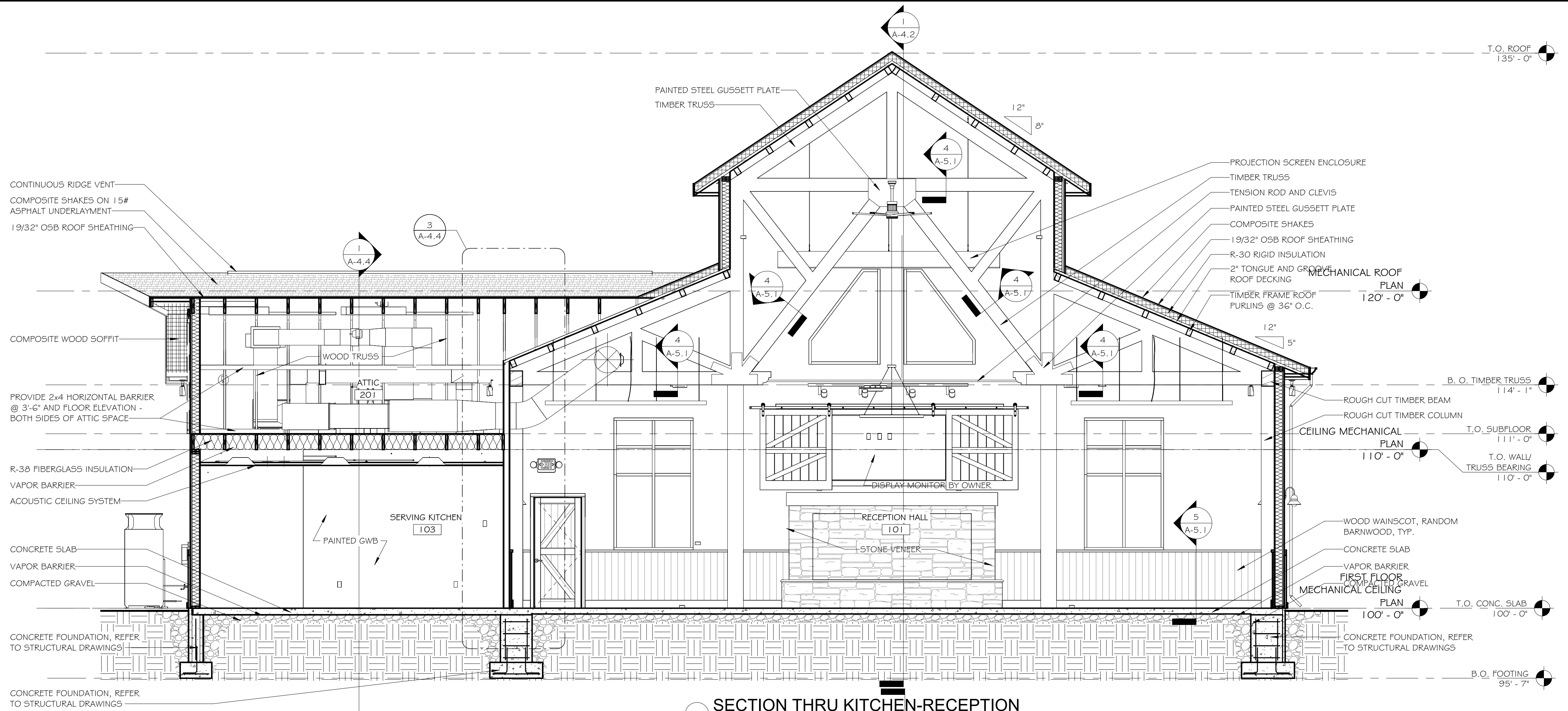
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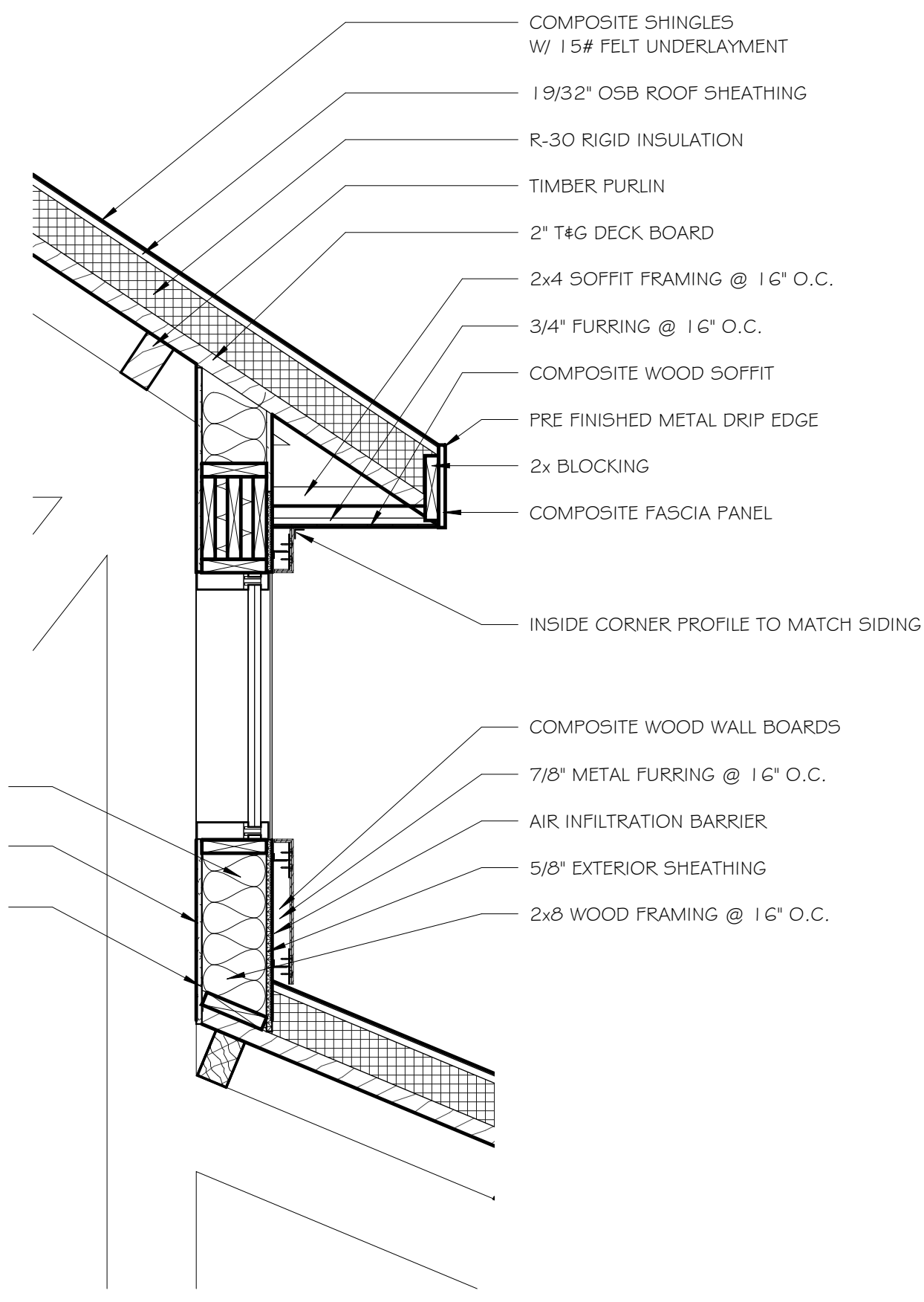
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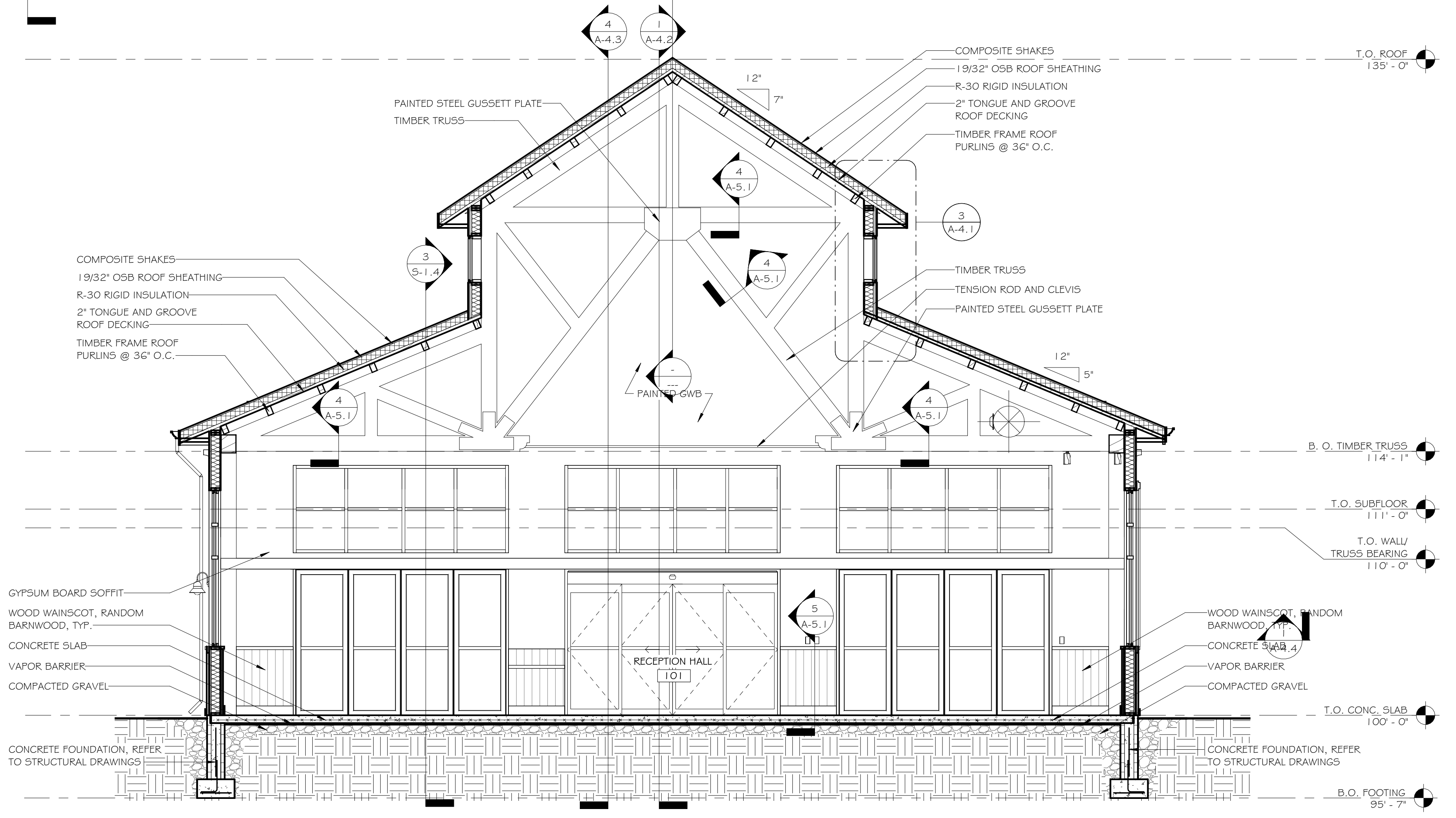
A-3.2



2 SECTION THRU KITCHEN-RECEPTION
1/4" = 1'-0"



3 CLERESTORY SECTION
3/4" = 1'-0"



1 BUILDING SECTION
1/4" = 1'-0"

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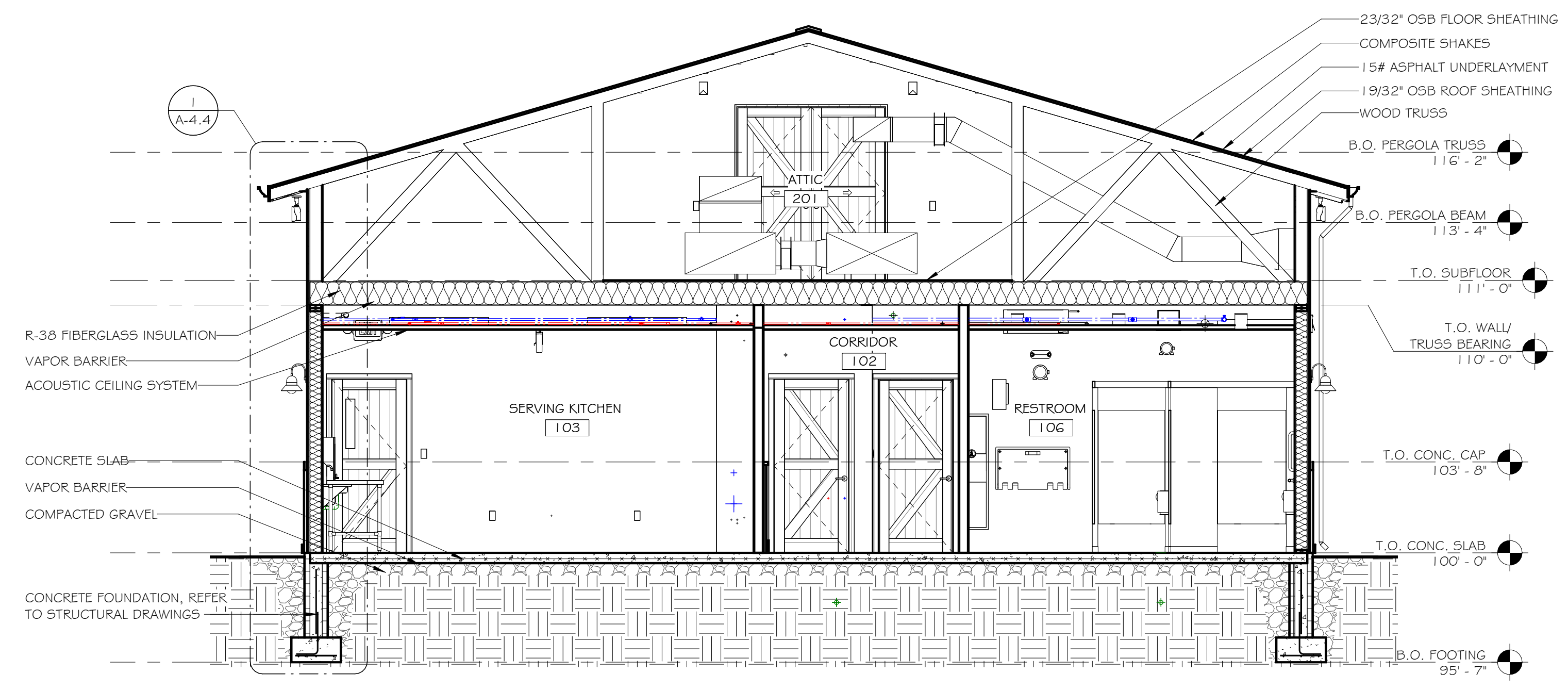
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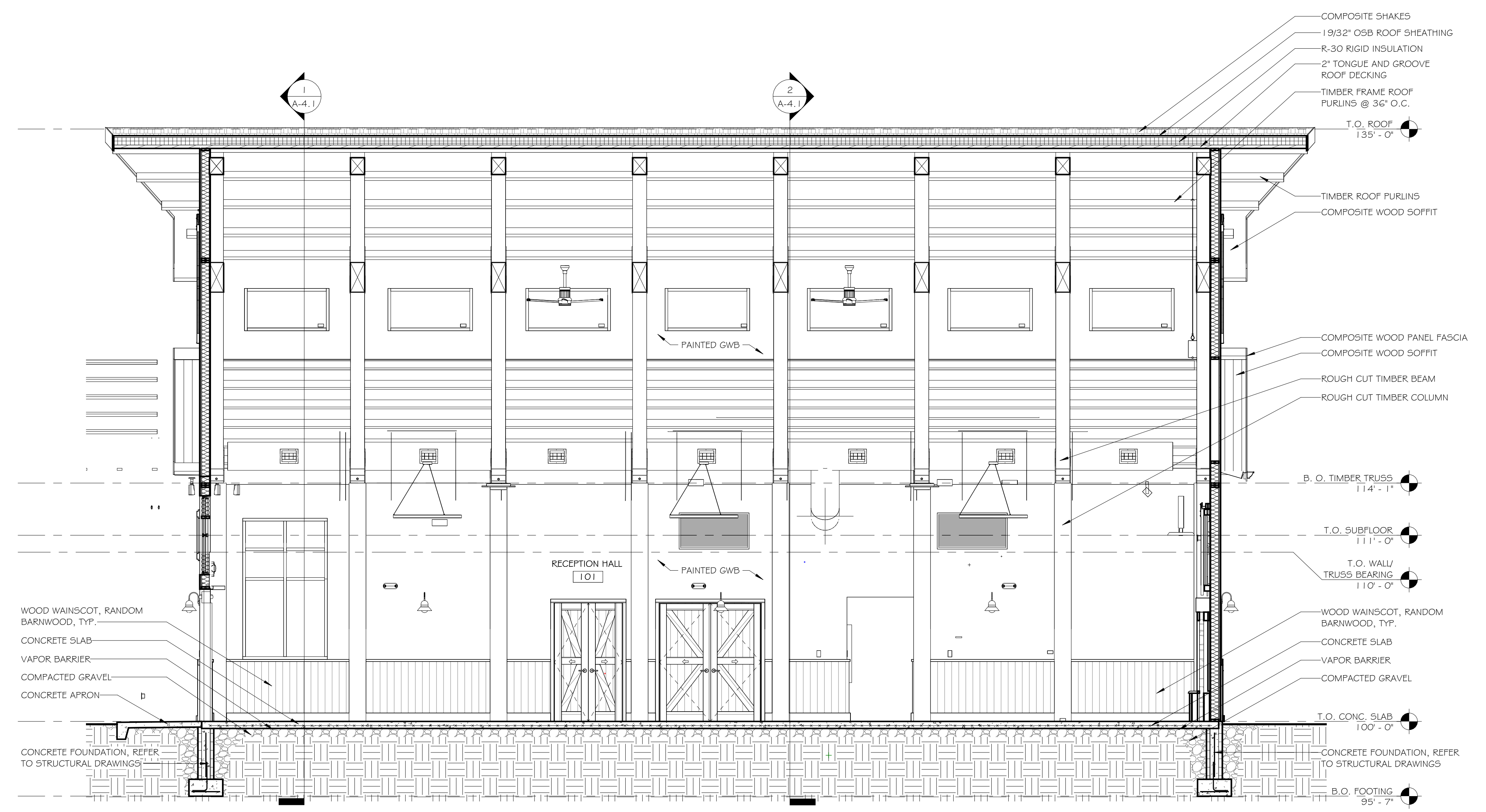
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2 BUILDING SECTION
1/4" = 1'-0"



1 BUILDING SECTION
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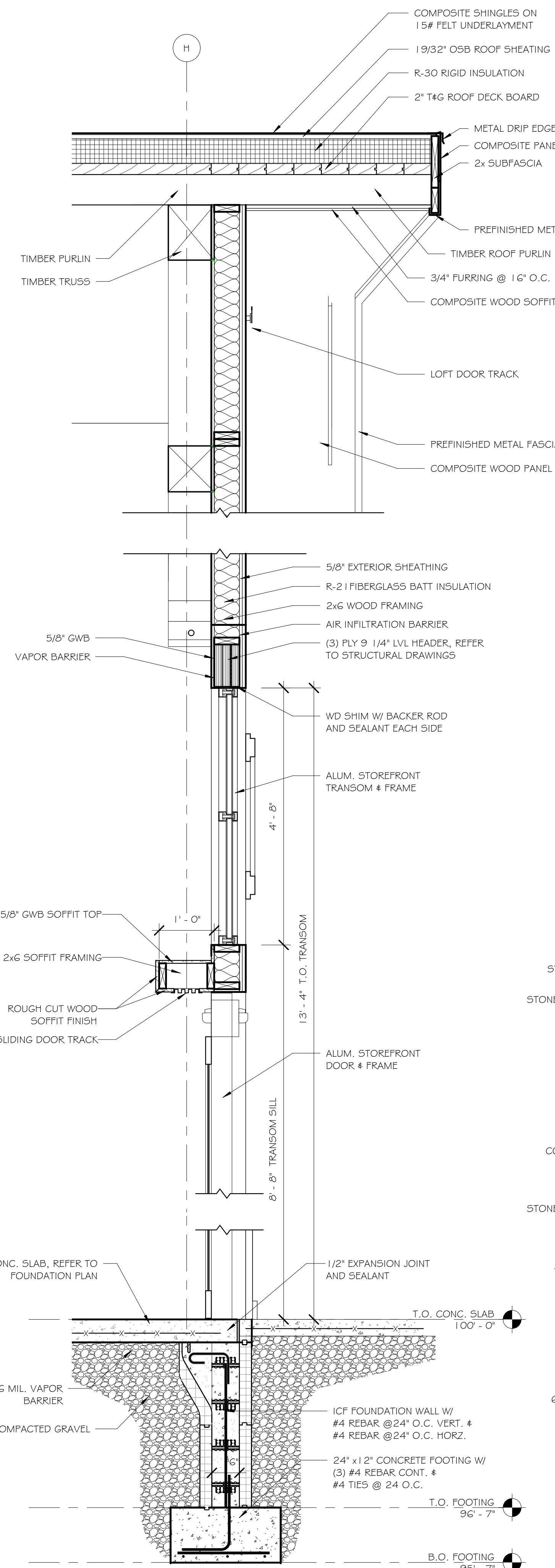
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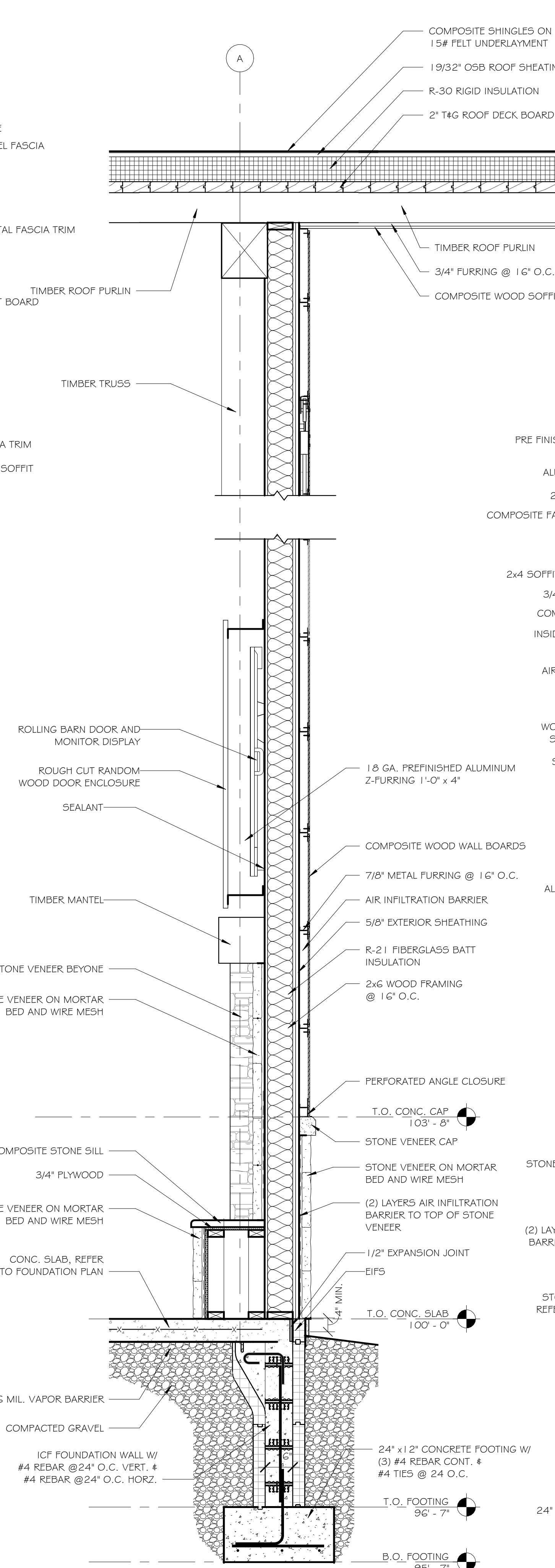
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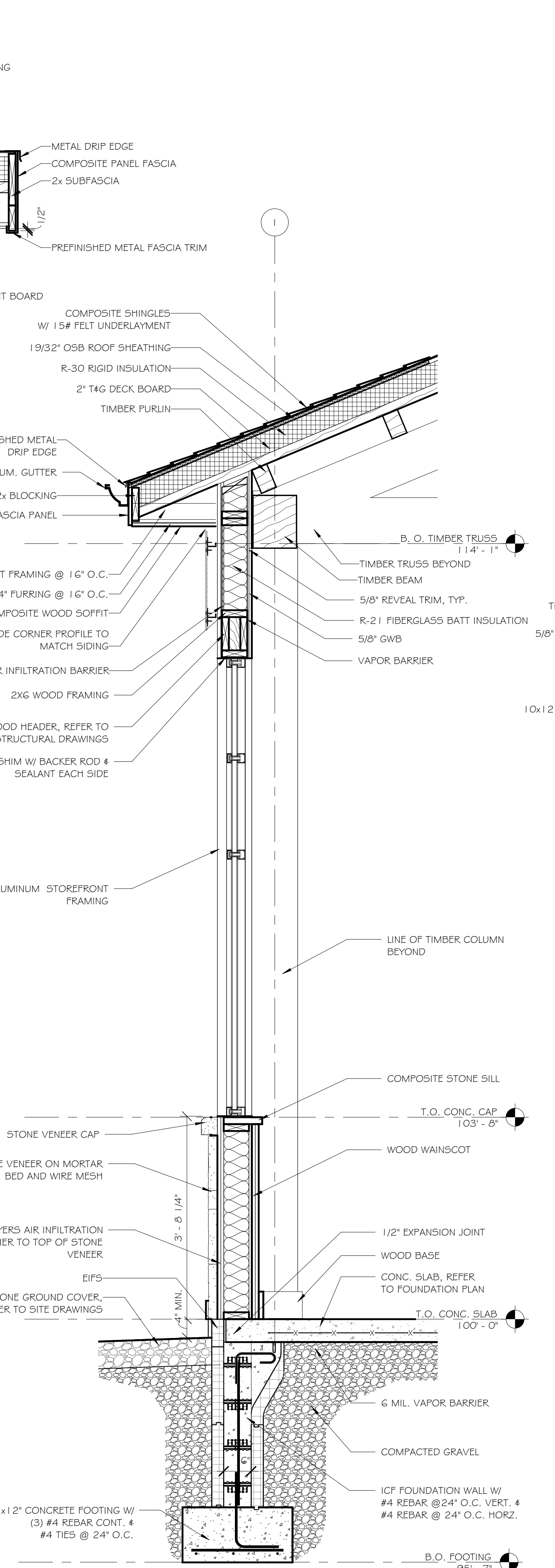
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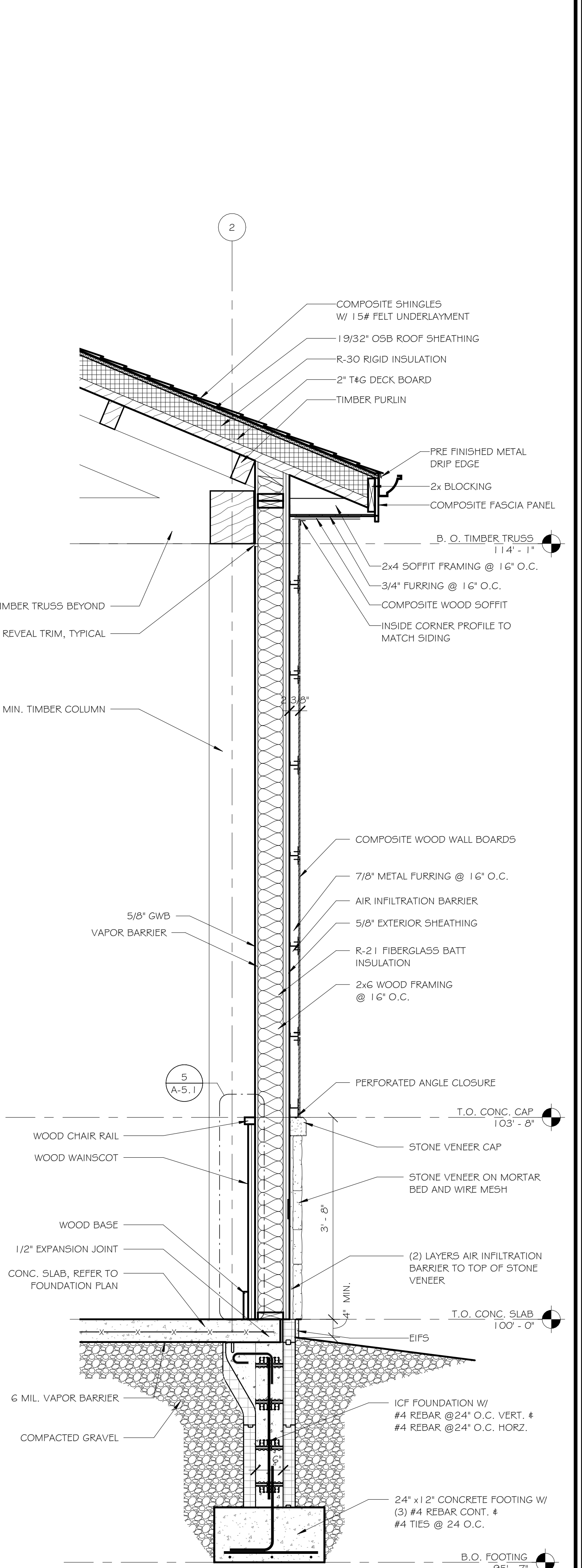
1 WALL SECTION @ ENTRY
3/4" = 1'-0"



3 WALL SECTION @ FIREPLACE
3/4" = 1'-0"



2 WALL SECTION @ WINDOW
3/4" = 1'-0"



1 TYPICAL WALL SECTION
3/4" = 1'-0"

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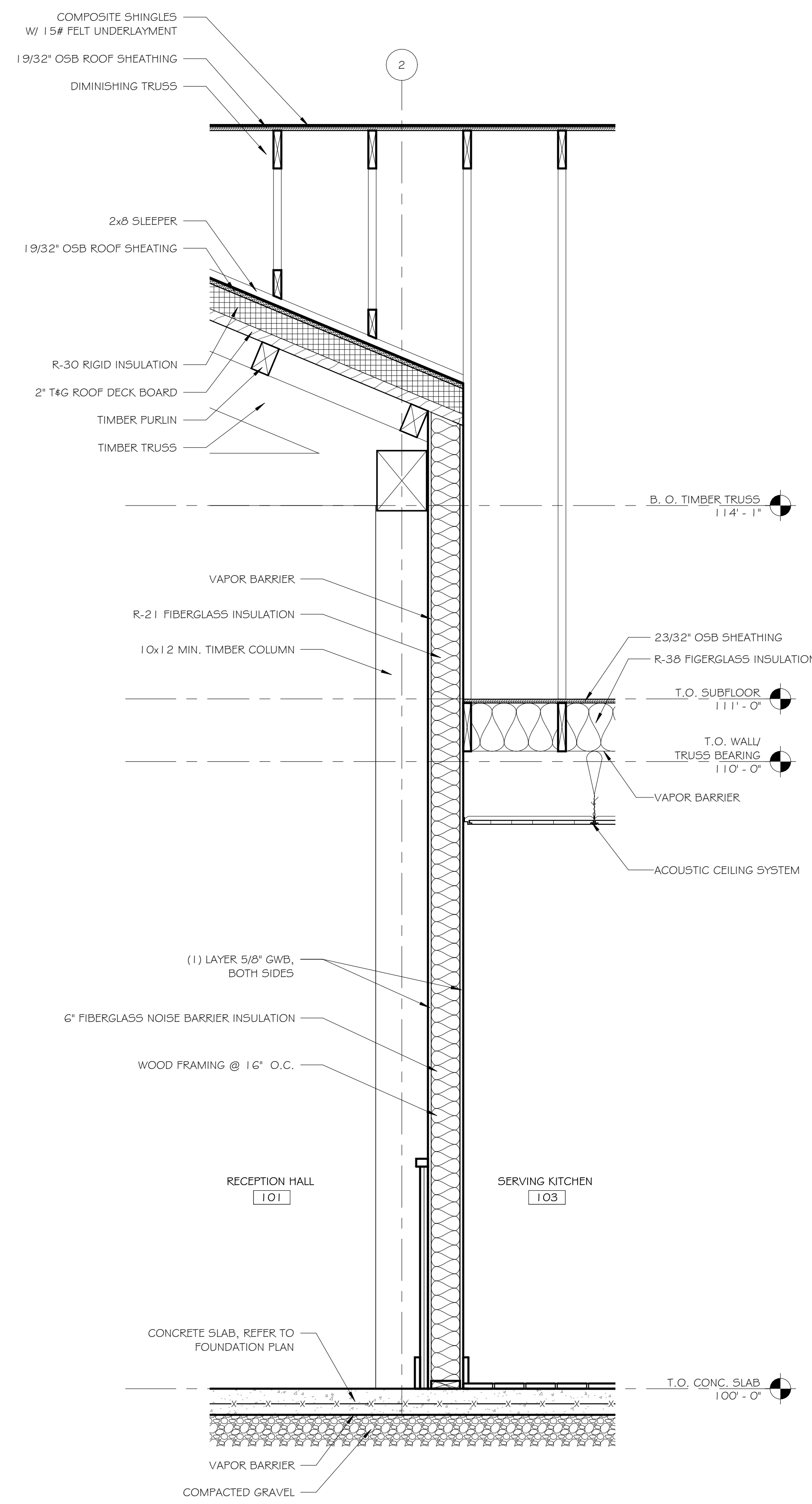
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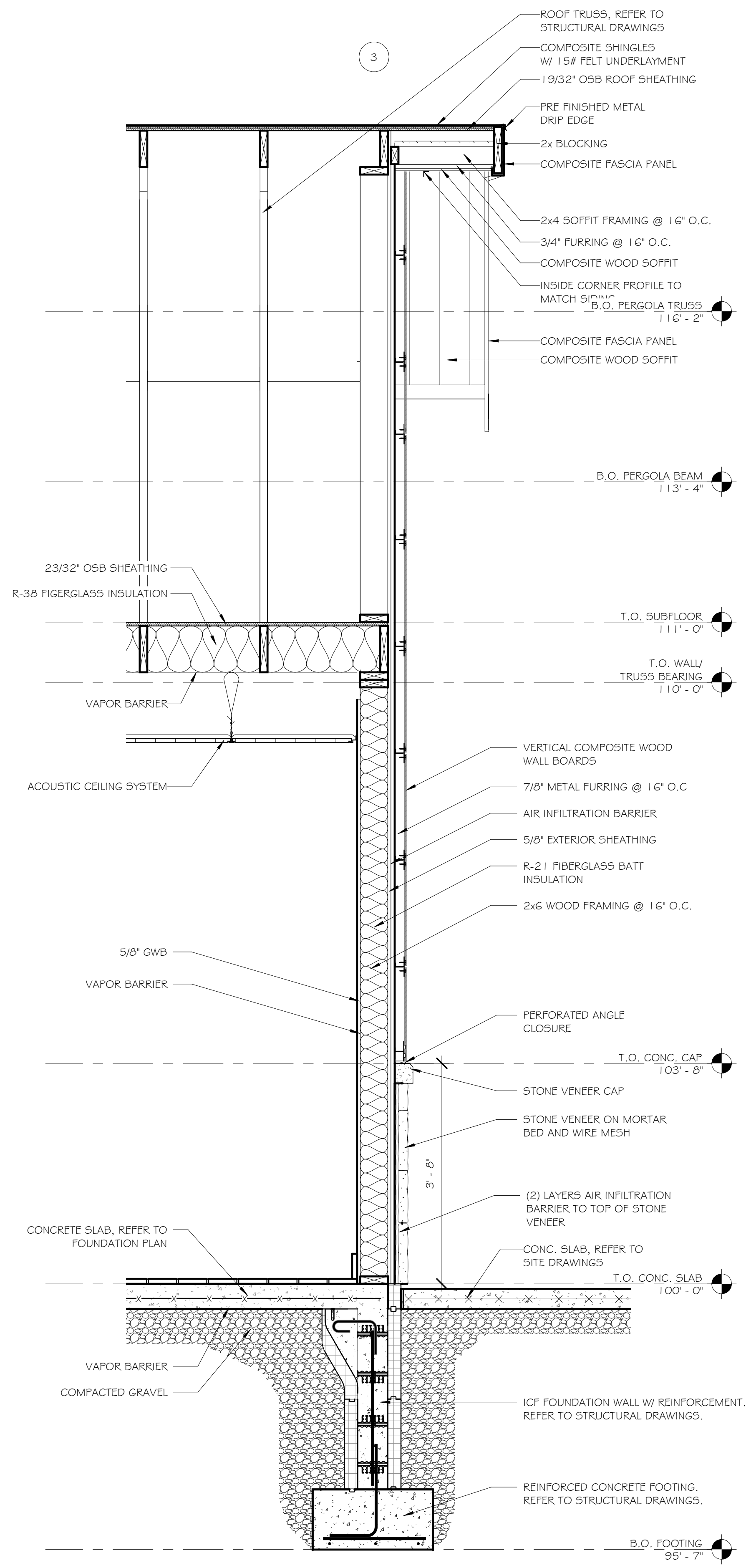
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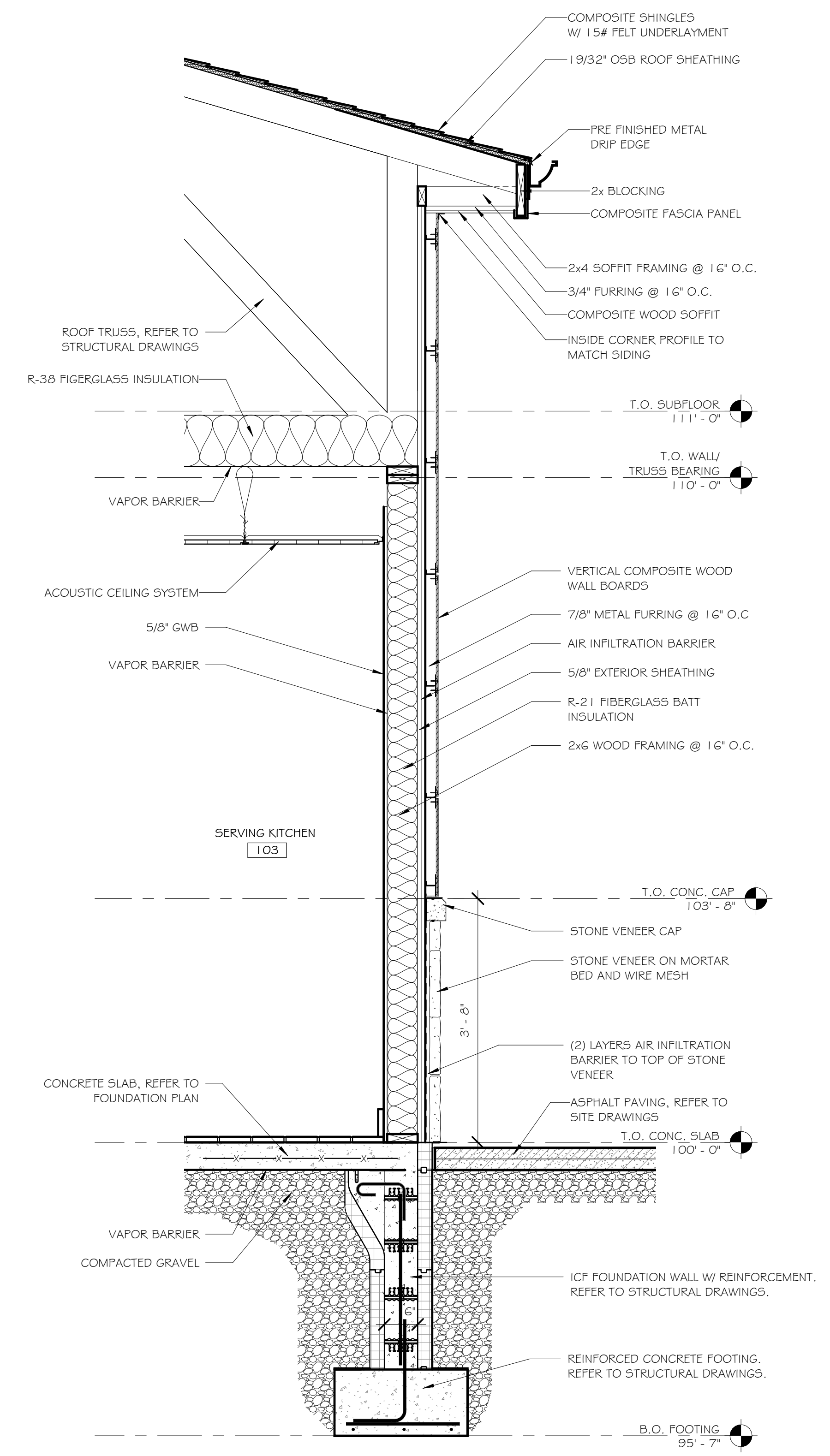
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3 WALL SECTION
 3/4" = 1'-0"



2 WALL SECTION @ SERVING KITCHEN
 3/4" = 1'-0"



1 WALL SECTION - NORTH WALL
 3/4" = 1'-0"

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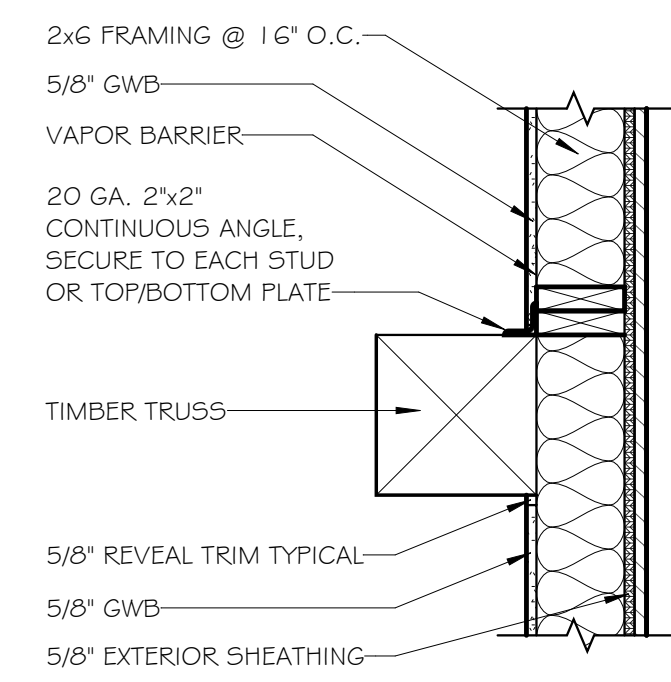
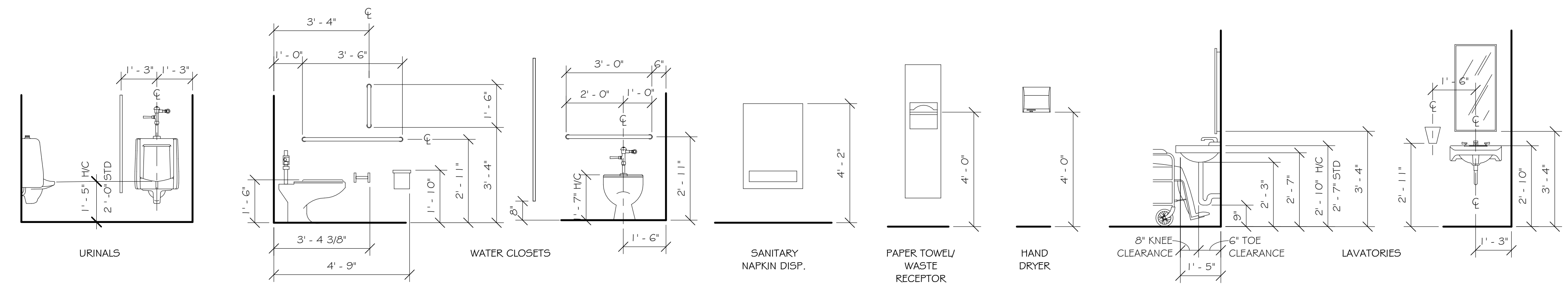
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A-4.4

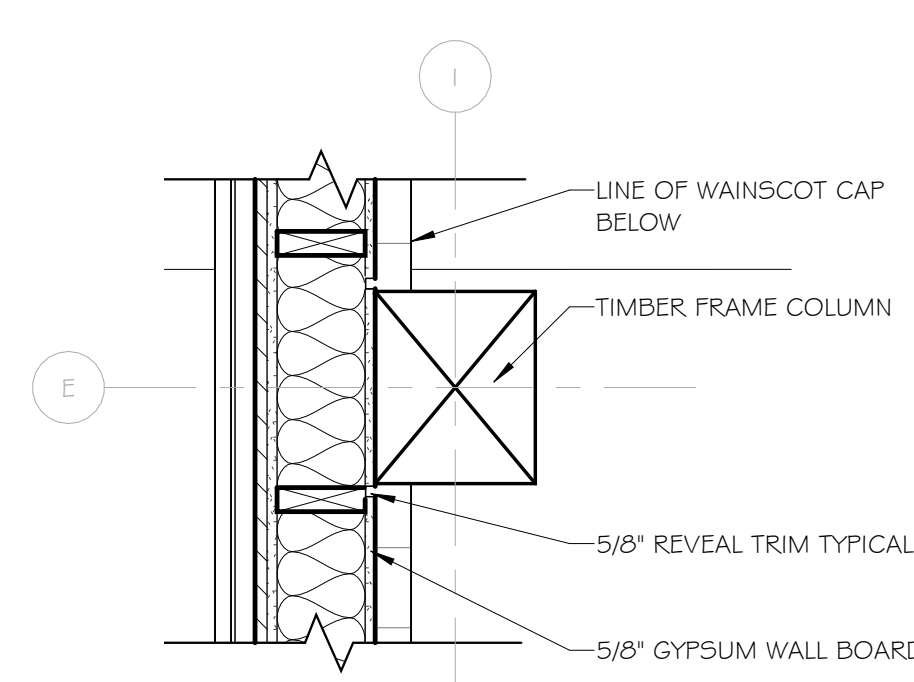
TOILET ROOM ACCESSORY NOTES

1. PROVIDED BY OWNER, INSTALLED BY CONTRACTOR.
2. TOILET ROOM ACCESSORIES SHALL BE MOUNTED AT HEIGHTS THAT COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND BE ACCESSIBLE TO AND USABLE BY A PERSON WITH DISABILITIES.
3. PROVIDE AND INSTALL BLOCKING IN WALLS FOR PROPER MOUNTING OF ACCESSORIES.

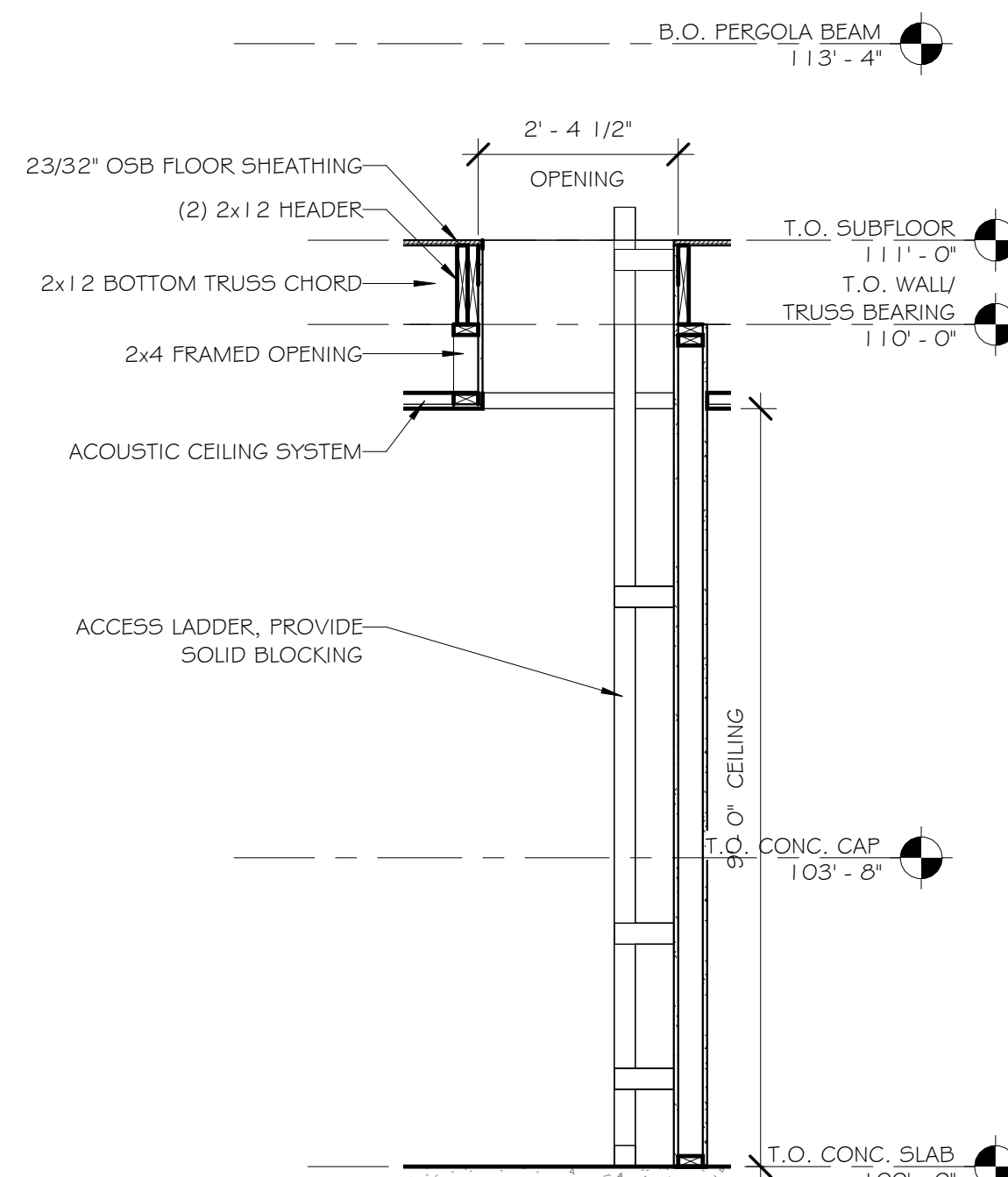
RESTROOM ACCESSORY SCHEDULE				
TYPE	DESCRIPTION	MANUFACTURER	MODEL	REMARKS
A1	GRAB BAR 36"	BRADLEY	B-680G X 36"	SURFACE MOUNTED
A2	GRAB BAR 42"	BRADLEY	B-680G X 42"	SURFACE MOUNTED
A3	GRAB BAR 18"	BRADLEY	B-680G X 18"	SURFACE MOUNTED
B	TOILET PAPER DISPENSER			SURFACE MOUNTED, NOTE 1
C	MIRROR	BRADLEY	41-8" x 51-0"	FRAMELESS
D	BABY CHANGING STATION	KOALA KARE	KB300-55	
E	SANITARY NAPKIN DISPOSAL	BRADLEY	4781-15	SURFACE MOUNTED
F	PAPER TOWEL DISPENSER			SURFACE MOUNTED, NOTE 1
G	SOAP DISPENSER			NOTE 1



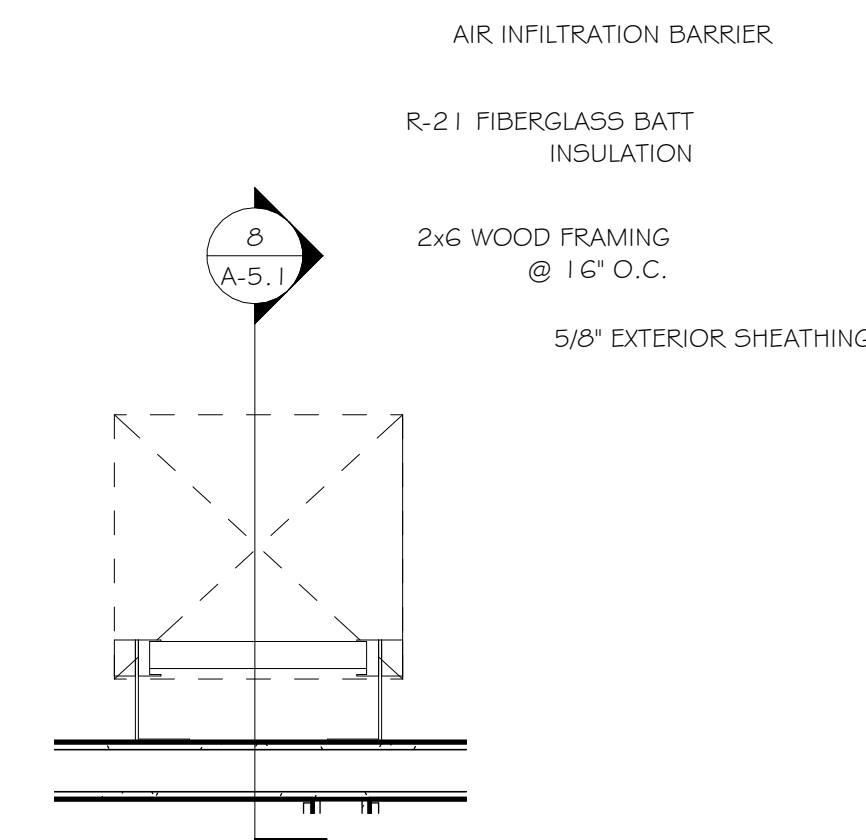
4 WALL ANCHOR DETAIL
1" = 1'-0"



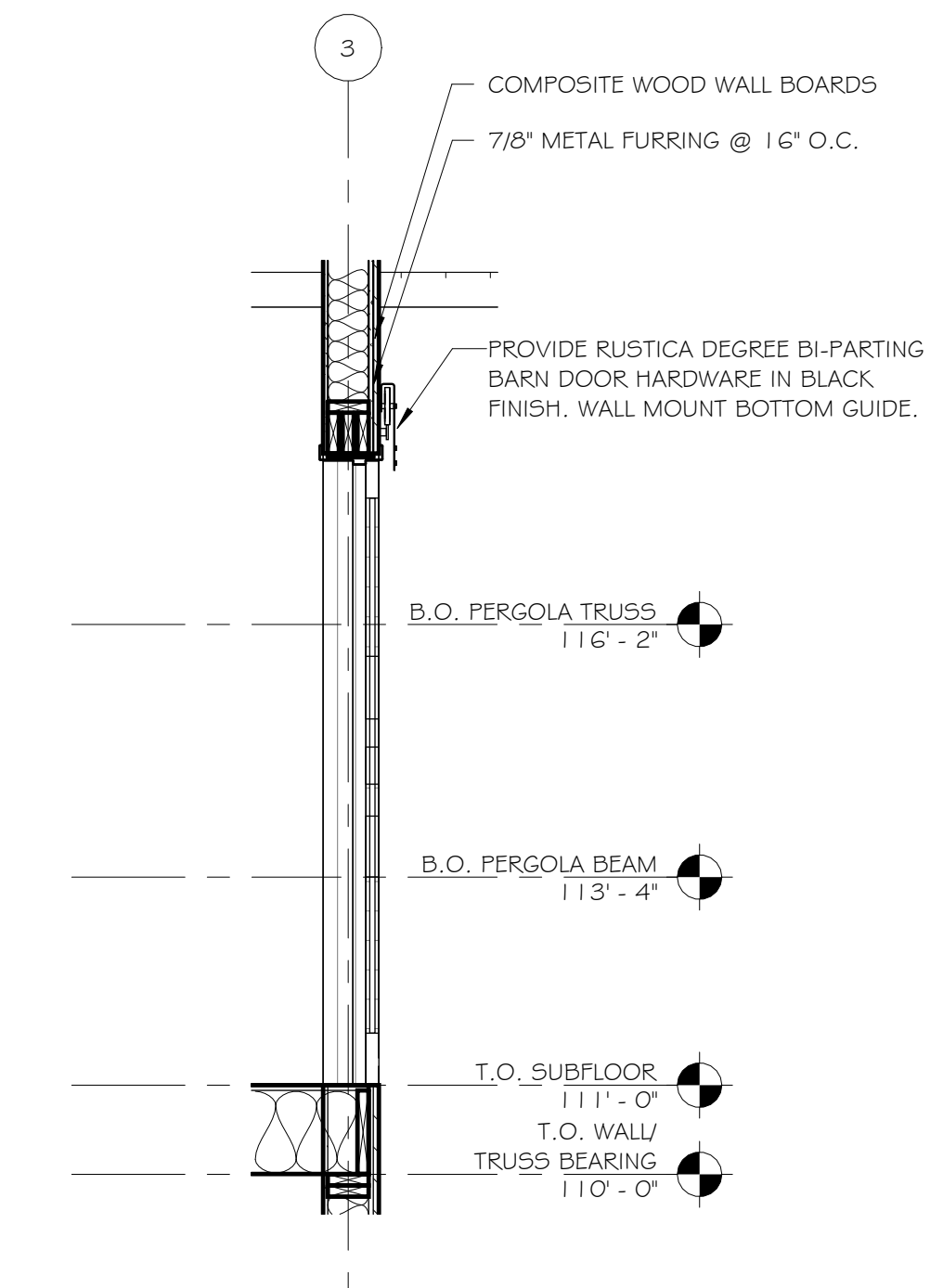
3 TYP. COLUMN DETAIL
N.T.S.



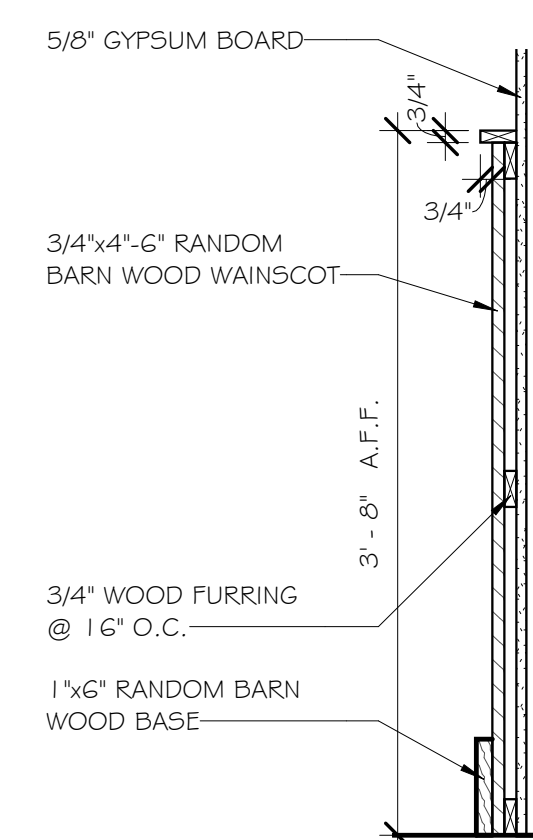
6 ACCESS LADDER SECTION
1/2" = 1'-0"



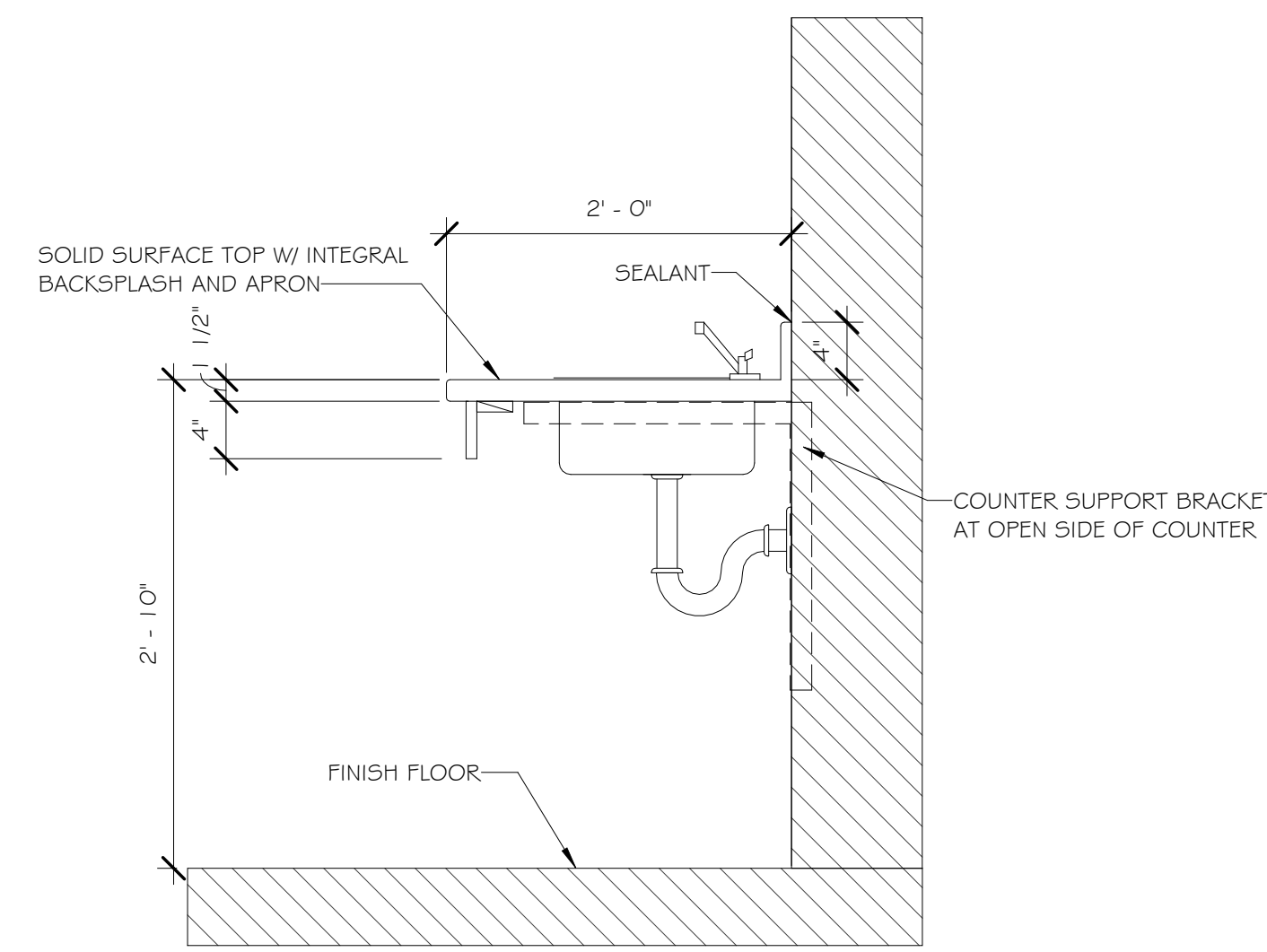
7 ATTIC LADDER DETAIL PLAN
3/4" = 1'-0"



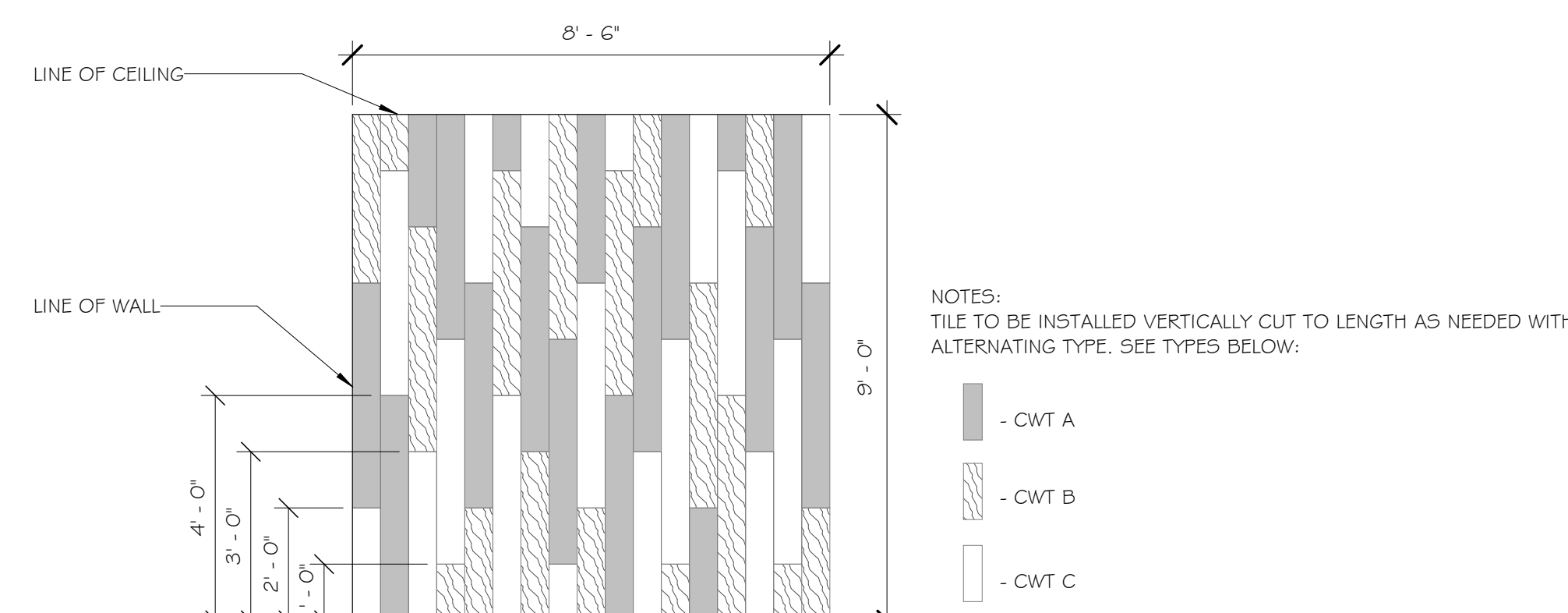
9 ATTIC DOOR DETAIL
1/2" = 1'-0"



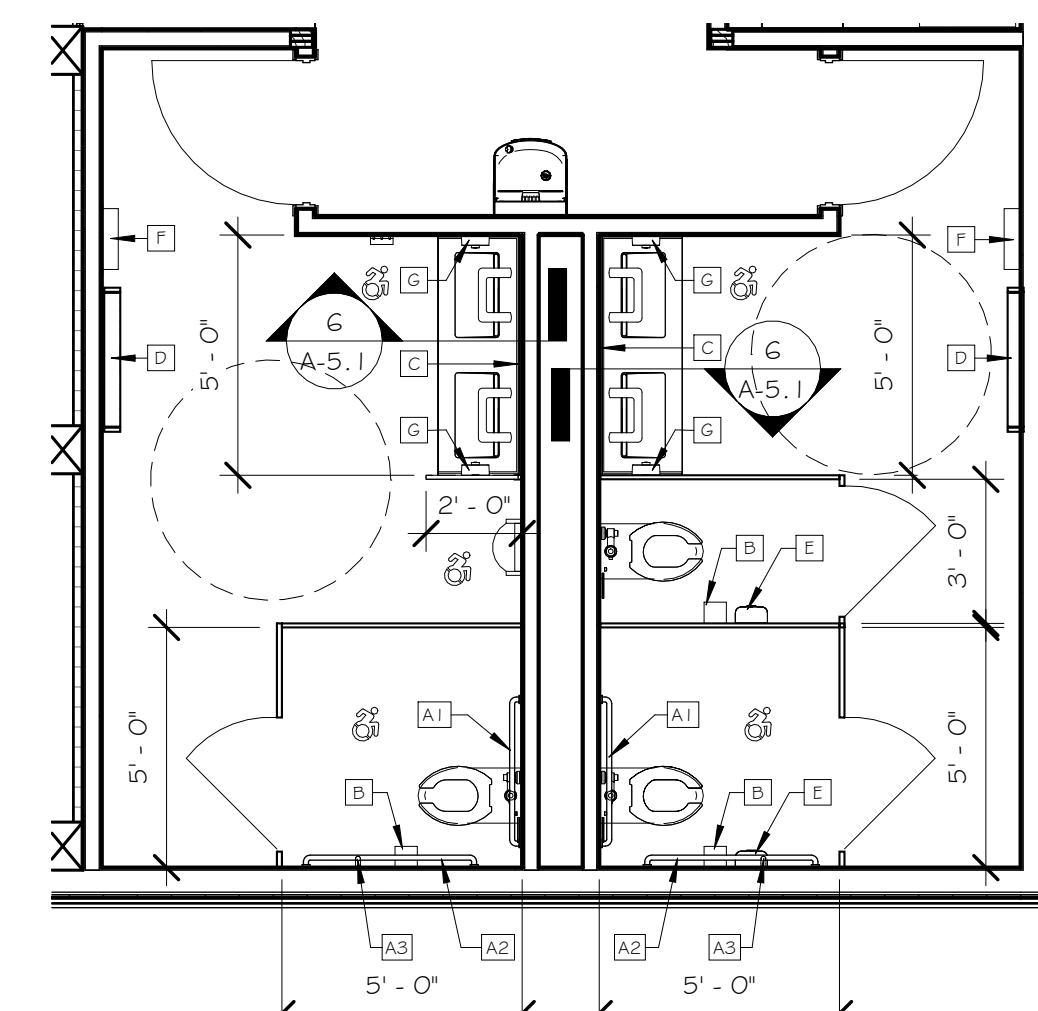
5 WAINSCOT DETAIL
1" = 1'-0"



6 TYP. ADA LAVATORY SECTION DETAIL
1" = 1'-0"



2 WALL TILE INSTALLATION PATTERN @ RESTROOM
3/8" = 1'-0"



1 RESTROOM PLAN
1/4" = 1'-0"

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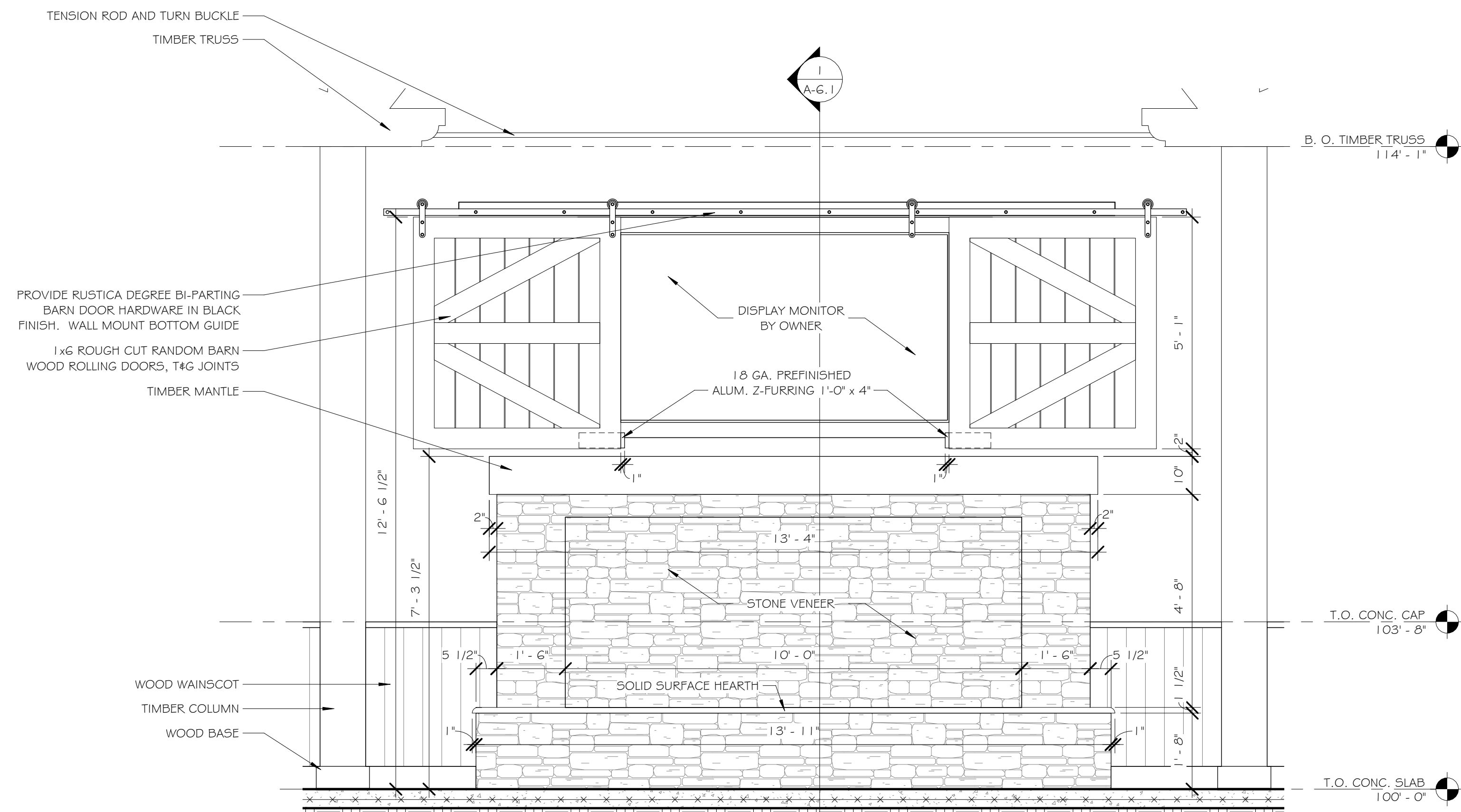
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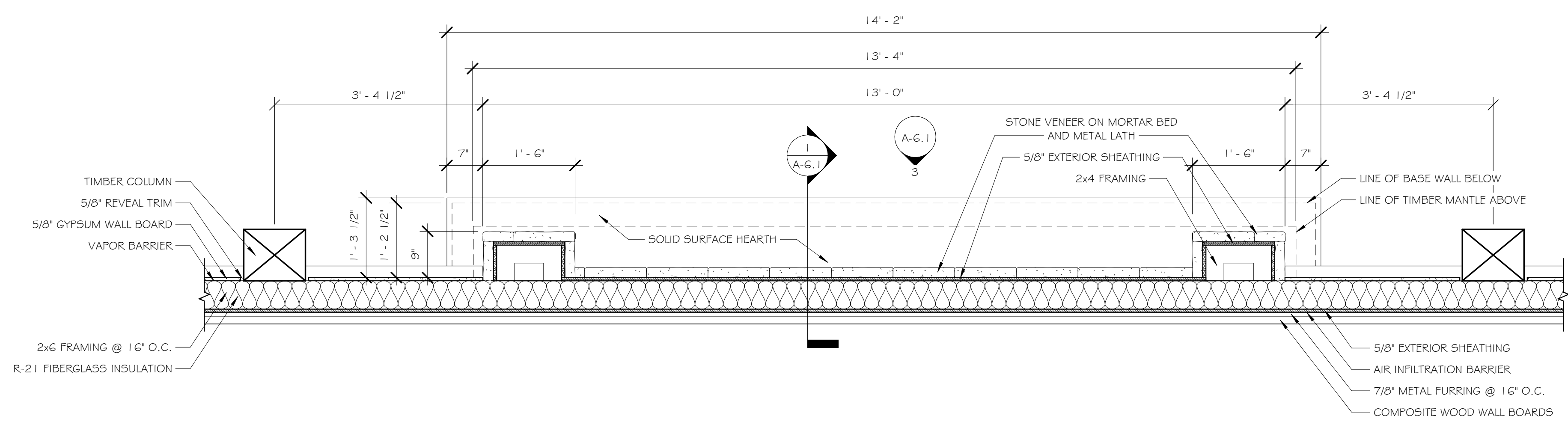
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TITLE OF DRAWING
ENLARGED PLANS/ELEVATIONS

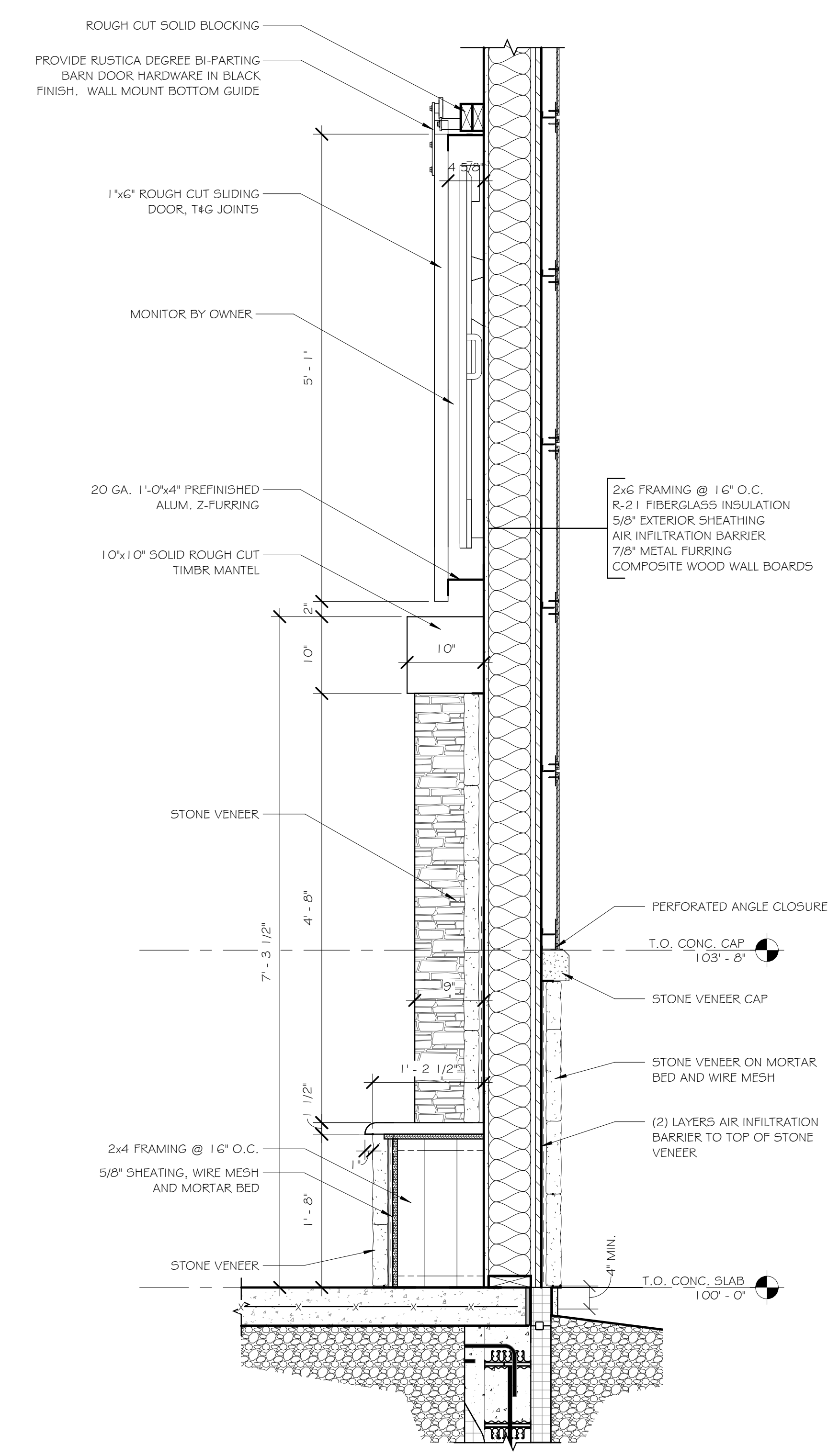
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3 ELEVATION @ FIREPLACE
1/2" = 1'-0"



2 PLAN VIEW @ FIREPLACE
3/4" = 1'-0"



1 FIREPLACE DETAIL
1" = 1'-0"

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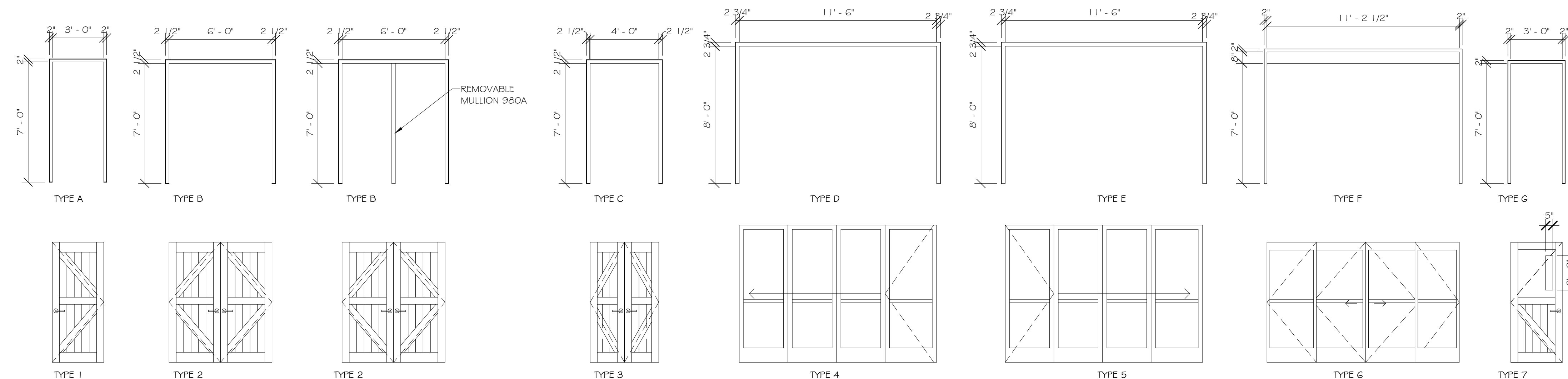
TITLE OF DRAWING
DETAILS

DOOR SCHEDULE

TAG	DOOR				FRAME				FIRE RATING	HARDWARE GROUP	REMARKS						
	SIZE			TYPE	MATERIAL	FINISH	GLASS	FRAME TYPE				FRAME MAT	FRAME FINISH	DETAIL			
	WIDTH	HEIGHT	THK											HEAD	JAMB	SILL	
101-1	11' - 2 1/2"	7' - 0"	0' - 1 3/4"	6	ALUMINUM	ALUM	IG-B	F	ALUM			2/A-7.1	6/A-7.1	10/A-7.1	1		AUTOMATIC HORIZONTAL SLIDING, STANLEY OR EQUAL
101-2	11' - 6"	8' - 0"	0' - 2 3/8"	5	WD		IG-B	E	WD			1/A-7.1	5/A-7.1	9/A-7.1			PANDATEK HSW-T560 (R)
101-3	11' - 6"	8' - 0"	0' - 2 3/8"	4	WD		IG-B	D	WD			1/A-7.1	5/A-7.1	9/A-7.1			PANDATEK HSW-T560 (L)
101-4	4' - 0"	7' - 0"	0' - 1 3/4"	3	WD	WD		C	WD	WD		4/A-7.1	8/A-7.1				FOREVER BARNWOOD, 50 YR. OLD TRADITIONAL, K-STYLE
101-5	3' - 0"	7' - 0"	0' - 1 3/4"	2	ALUMINUM	HM		G	HM	PAINTED		3/A-7.1	7/A-7.1	11/A-7.1	3		
103-1	6' - 0"	7' - 0"	0' - 1 3/4"	7	WD	WD		B	WD			4/A-7.1	8/A-7.1		4		FOREVER BARNWOOD, 50 YR. OLD TRADITIONAL, K-STYLE - DOUBLE SWING
103-2	3' - 0"	7' - 0"	0' - 1 3/4"	7	ALUMINUM	HM	SG	G	HM	PAINTED		3/A-7.1	7/A-7.1	11/A-7.1	5		
104-1	3' - 0"	7' - 0"	0' - 1 3/4"	1	WD	WD		A	WD			4/A-7.1	8/A-7.1		6		FOREVER BARNWOOD, 50 YR. OLD TRADITIONAL, K-STYLE
105-1	3' - 0"	7' - 0"	0' - 1 3/4"	1	WD	WD		A	WD			4/A-7.1	8/A-7.1		7		FOREVER BARNWOOD, 50 YR. OLD TRADITIONAL, K-STYLE
106-1	3' - 0"	7' - 0"	0' - 1 3/4"	1	WD	WD		A	WD			4/A-7.1	8/A-7.1		7		FOREVER BARNWOOD, 50 YR. OLD TRADITIONAL, K-STYLE
201-1	6' - 0"	7' - 0"	0' - 1 3/4"		WD	WD			WD			4/A-7.1	8/A-7.1		8		

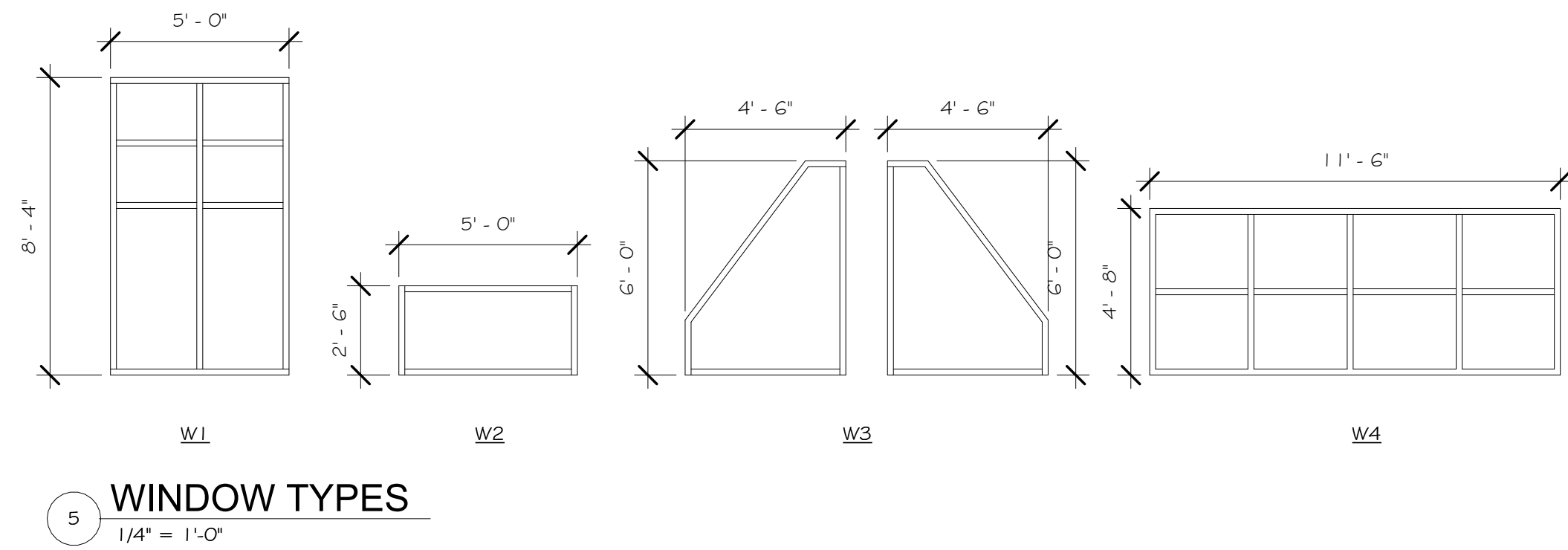
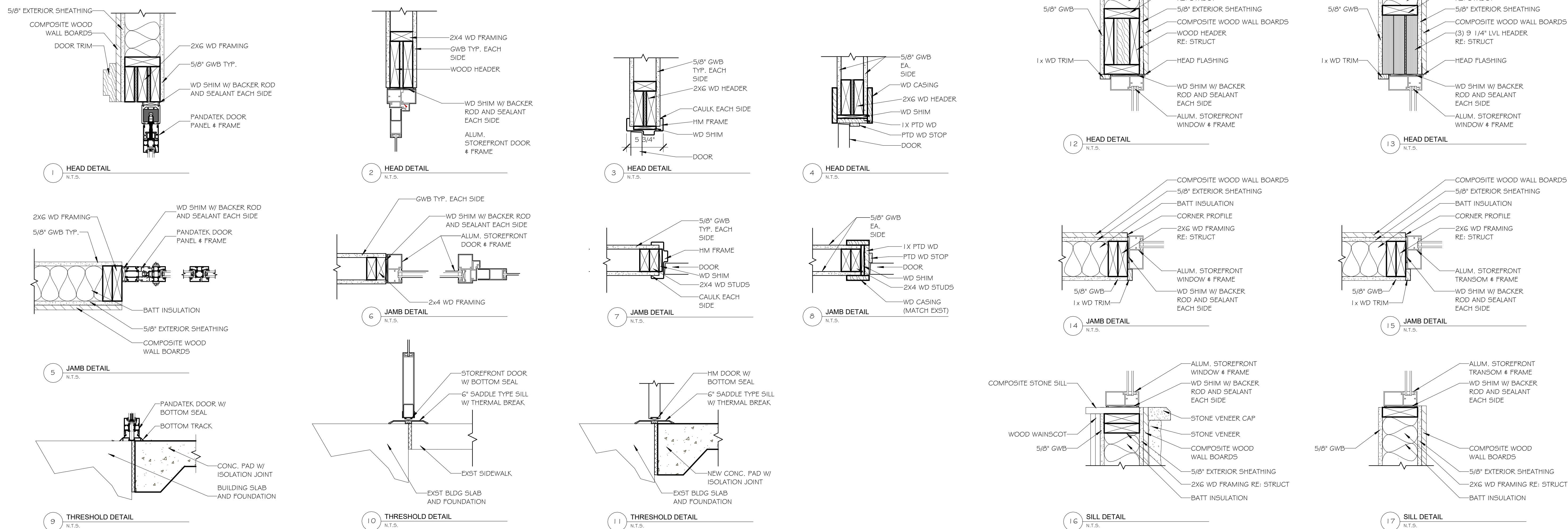
STOREFRONT SCHEDULE

TYPE	MATERIAL	WINDOW SIZE		GLASS	REMARKS
		WIDTH	HEIGHT		
W1	ALUMINUM	5' - 0"	8' - 4"	IG-A	
W2	ALUMINUM	5' - 0"	2' - 6"	IG-B	
W3	ALUMINUM	4' - 6"	6' - 0"	IG-B	
W4	ALUMINUM	11' - 6"	2' - 0"	IG-B	



1 DOOR TYPES

1/4" = 1'-0"



5 WINDOW TYPES

1/4" = 1'-0"

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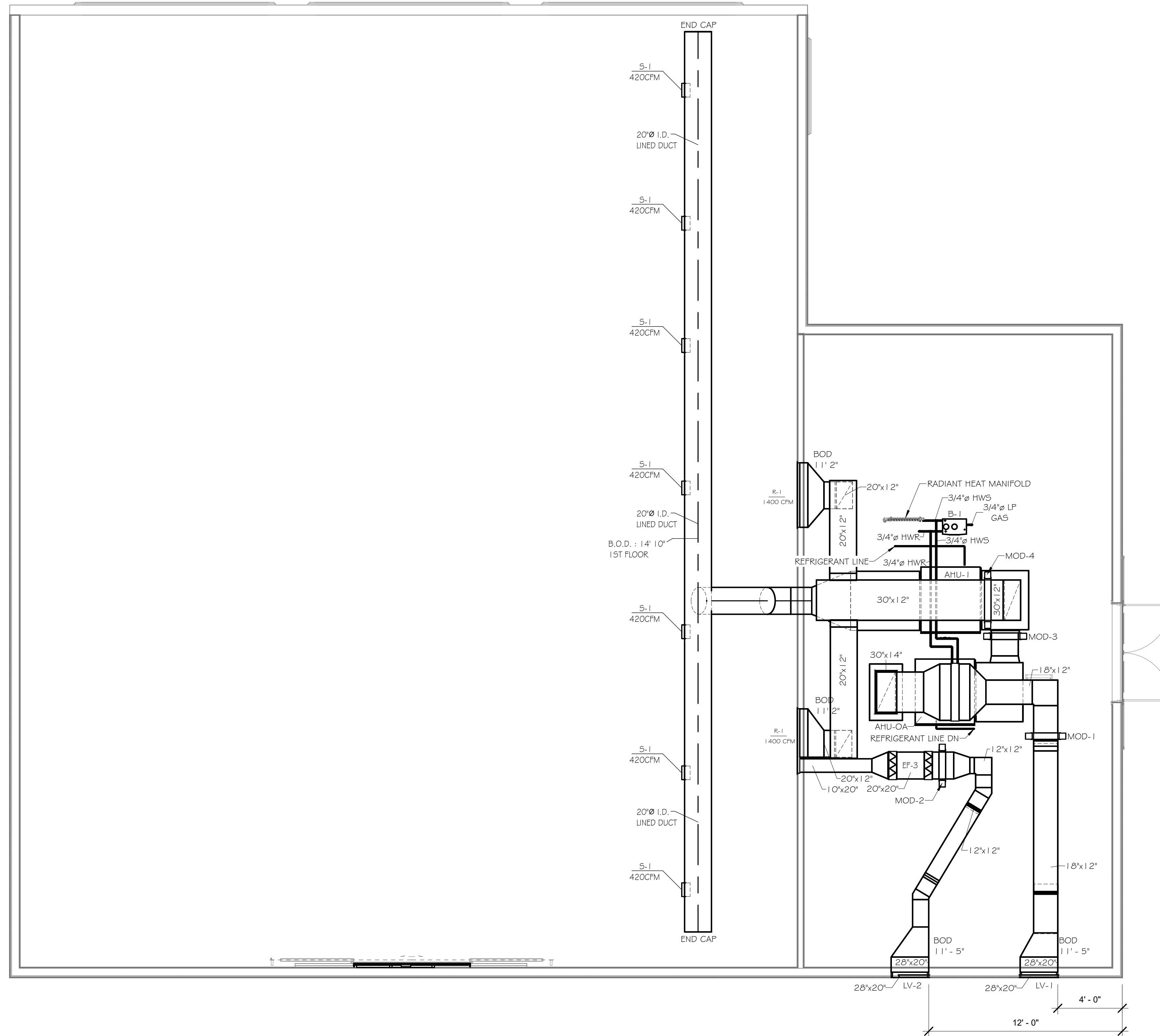
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DOOR AND WINDOW SCHEDULES

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2 ATTIC MECHANICAL PLAN
1/4" = 1'-0"

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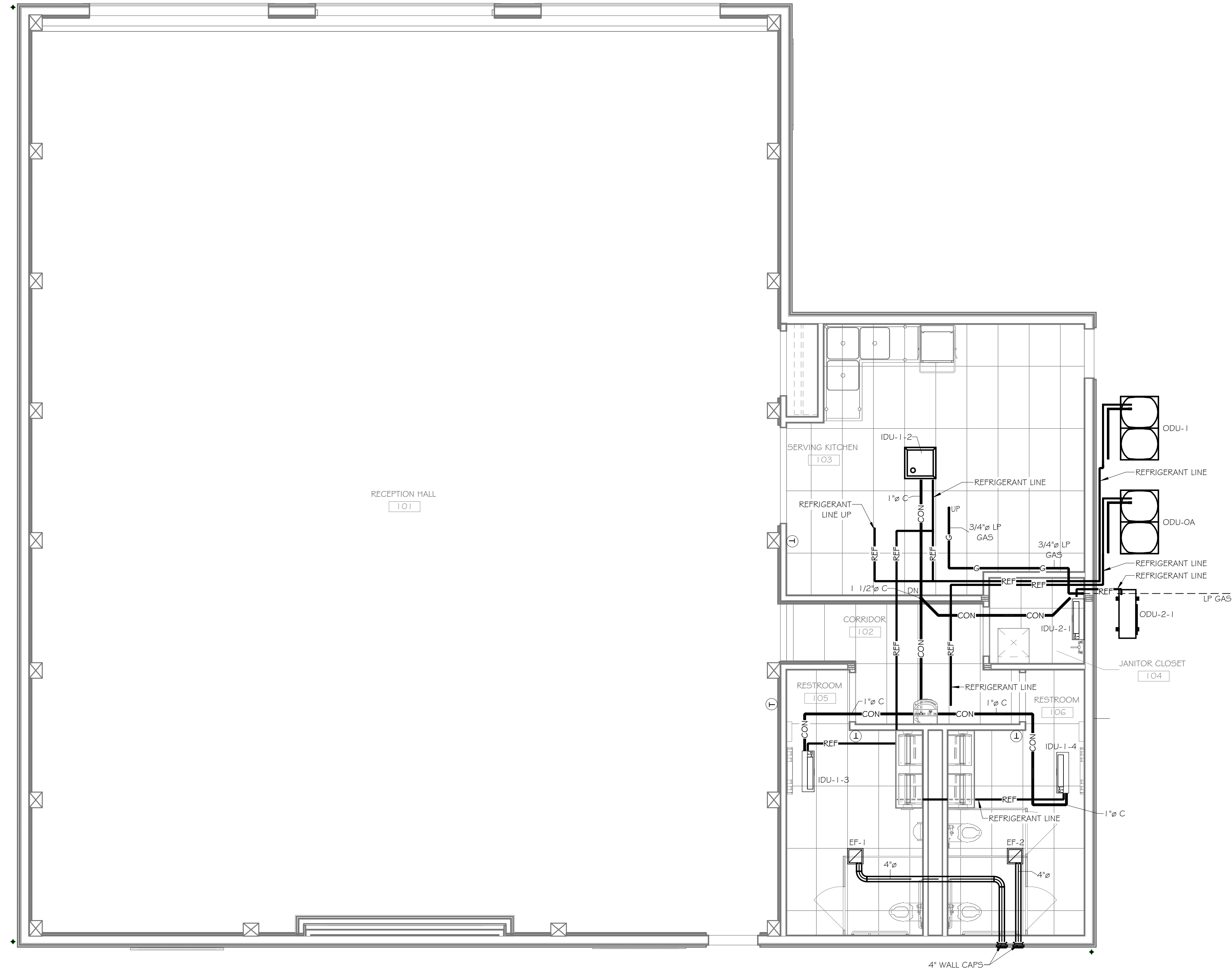
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M-1.2

HVAC GENERAL NOTES

- COORDINATE HVAC AND PLUMBING WORK WITH ALL OTHER TRADES.
- ALL DIMENSIONS AND PIPE SIZES ARE IN INCHES, UNLESS OTHERWISE NOTED.
- INSTALL DUCTWORK IN ACCORDANCE WITH SMACNA HVAC DUCT CONSTRUCTION STANDARDS. PRESSURE CLASSIFICATION OF DUCT WORK IS TO BE AS FOLLOWS: a. SUPPLY 1", b. RETURN 1", c. EXHAUST 1" PROVIDE TURNING VANES IN ALL MITERED ELBOWS, OR PROVIDE ELBOWS WITH CENTER LINE.
- INSTALL ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- REFLECTED CEILING PLANS FOR ANY AND ALL AREAS PREPARED BY THE ARCHITECT SHOWING THE LOCATION OF AIR INTAKES AND OUTLETS SHALL TAKE PRECEDENCE OVER THE LOCATION OF THOSE SHOWN ON THE HVAC DRAWINGS OF THIS CONTRACT SET OF DRAWINGS. THIS SUBCONTRACTOR SHALL INSTALL THE AIR INTAKES AND OUTLETS IN ANY GIVEN AREA TO AGREE WITH THE ARCHITECT'S REFLECTED CEILING PLANS.
- ALL SCHEDULED MOTOR DATA AND ELECTRICAL CHARACTERISTICS ARE MAXIMUM, WHERE EQUIPMENT IS SUPPLIED WITH TARGET MOTORS OR ELECTRICAL CHARACTERISTICS THE HC TO COORDINATE WITH THE EC AND PAY FOR ALL CHANGES AS A RESULT INCREASED CAPACITY.
- INSTALL ALL EQUIPMENT AND MATERIALS IN STRICT ACCORDANCE WITH RESPECTIVE MANUFACTURER'S WRITTEN INSTRUCTIONS.
- ALL CASEWORK AND ALL EQUIPMENT - MECHANICAL CONTRACTOR MUST REVIEW THE EQUIPMENT SCHEDULES, SPECIFICATIONS, AND DRAWINGS IN ALL CONTRACT DOCUMENTS AND SUBSEQUENT SHOP DRAWINGS, PROVIDE ALL LABOR AND MATERIALS FOR A COMPLETE AND OPERABLE SYSTEM AS PART OF THE CONTRACT. FAILURE TO REVIEW DOES NOT RELIEVE THE CONTRACTOR OF FULFILLING THE CONTRACTUAL OBLIGATIONS.
- REFER TO ARCHITECTURAL DRAWINGS AND SHOP DRAWINGS FOR FINAL EXACT LOCATIONS CONNECTIONS AND FOR ALL WORK REQUIRED FOR EQUIPMENT NOT FURNISHED UNDER THIS CONTRACT.
- MECHANICAL CONTRACTOR TO FIELD MEASURE AND/OR REVIEW ALL PERTINENT DOCUMENTS TO ASSURE LAYOUTS SHOWN ON HVAC DRAWINGS ARE COMPATIBLE WITH AVAILABLE SPACE AND WORK OF OTHER TRADES. ANY CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION PRIOR TO SUBMITTING EQUIPMENT SHOP DRAWINGS.
- ALL DUCTWORK MUST BE COORDINATED WITH SPACE AND EQUIPMENT. PROVIDE ALL OFFSETS REQUIRED TO ACCOMMODATE WORK OF OTHER TRADES.
- PROVIDE FLEXIBLE CONNECTIONS AT UNIT SUPPLY AND RETURN CONNECTIONS. OFFSET AND TRANSITION SUPPLY AND RETURN DUCTWORK AS REQUIRED TO AVOID STRUCTURE. PROVIDE MITERED ELBOWS WITH TURNING VANES AT BOTTOM OF SUPPLY AND RETURN DUCT DROPS.
- DO NOT INSTALL ANYTHING WITHIN THE EQUIPMENT TROUBLESHOOTING SPACE. COORDINATE WITH OTHER TRADES TO KEEP THIS SPACE CLEAR. COORDINATE WITH TRUSSES IN SUCH A MANNER THAT EQUIPMENT SHALL CLEAR TRUSS WORK.
- DUCTWORK TO BE INSULATED WITH 1 1/2" FIBERGLASS FLEXIBLE BLANKET INSULATION UNLESS OTHERWISE NOTED ON DRAWING OR DETAILS. JAGKETS SHALL BE NOTED ON THE DRAWINGS.
- FOR ALL BRANCH DUCT CONNECTIONS TO MAIN TRUNK, PROVIDE 45 DEGREE TRANSITION FITTING OR CONICAL TAP FOR ROUND DUCT. BUTT FITTINGS ARE NOT PERMITTED. PROVIDE MANUAL VOLUME DAMPER WITH LOCKING QUADRANT IN ALL BRANCH RUN OUTS TO GRILLES AND DIFFUSER.
- PROVIDE TURNING VANES IN ALL MITERED ELBOWS, OR PROVIDE ELBOWS WITH CENTERLINE RADIUS EQUAL TO 1.5 TIMES DUCT WIDTH.
- SLEEVE AND SEAL ALL PIPE, OR DUCT PENETRATIONS OF WALLS AND FLOORS. PACK VOID BETWEEN PIPE, OR DUCT AND SLEEVE WITH INSULATION IN NON-RATED WALLS AND FLOORS. PACK VOID BETWEEN PIPE, OR DUCT AND SLEEVE WITH INSULATION IN FIRE-RATED WALLS AND FLOORS. APPLY INTUMESCENT FIRE SAFING COMPOUND AT PENETRATION, MAINTAINING INTEGRITY AND RATING OF FIRE SEPARATION. SLEEVES THROUGH FLOORS SHALL EXTEND 2" ABOVE FLOOR, BE GROUTED INTO PLACE AND WATERPROOFED. PIPING THROUGH EXTERIOR WALLS SHALL BE SLEEVED AND SEALED WEATHER TIGHT.
- AS APPLICABLE AND AS INDICATED, PIPE DROPS ARE TO BE ON WALL, IN WALL, OR IN ENCLOSED SPACE PROVIDED BY THE GENERAL CONTRACTOR.
- CONCEALED PIPING DROPS IN WALLS OR ENCLOSED SPACES SHALL BE INSULATED WITH 1/2" THICK UN-SLIT FLEXIBLE UNICELLULAR INSULATION.
- IF, FOR ANY REASON, IT IS NECESSARY TO RUN PIPING THROUGH FINISHED AREAS IN A MANNER THAT PIPING WOULD BE VISIBLE, THE CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE AN APPROVED TYPE OF ENCLOSURE FOR CONCEALMENT, AT NO ADDITIONAL COST. CONTACT ARCHITECT IF THIS SITUATION OCCURS.
- PROVIDE OPENINGS THROUGH WALLS 1" DIAMETER LARGER THAN PIPE. SET SLEEVE AND PACK OPENING WITH FIBERGLASS TO PREVENT RUBBING OR NOISE TRANSFER.



1 FIRST FLOOR MECHANICAL CEILING PLAN
1/4" = 1'-0"

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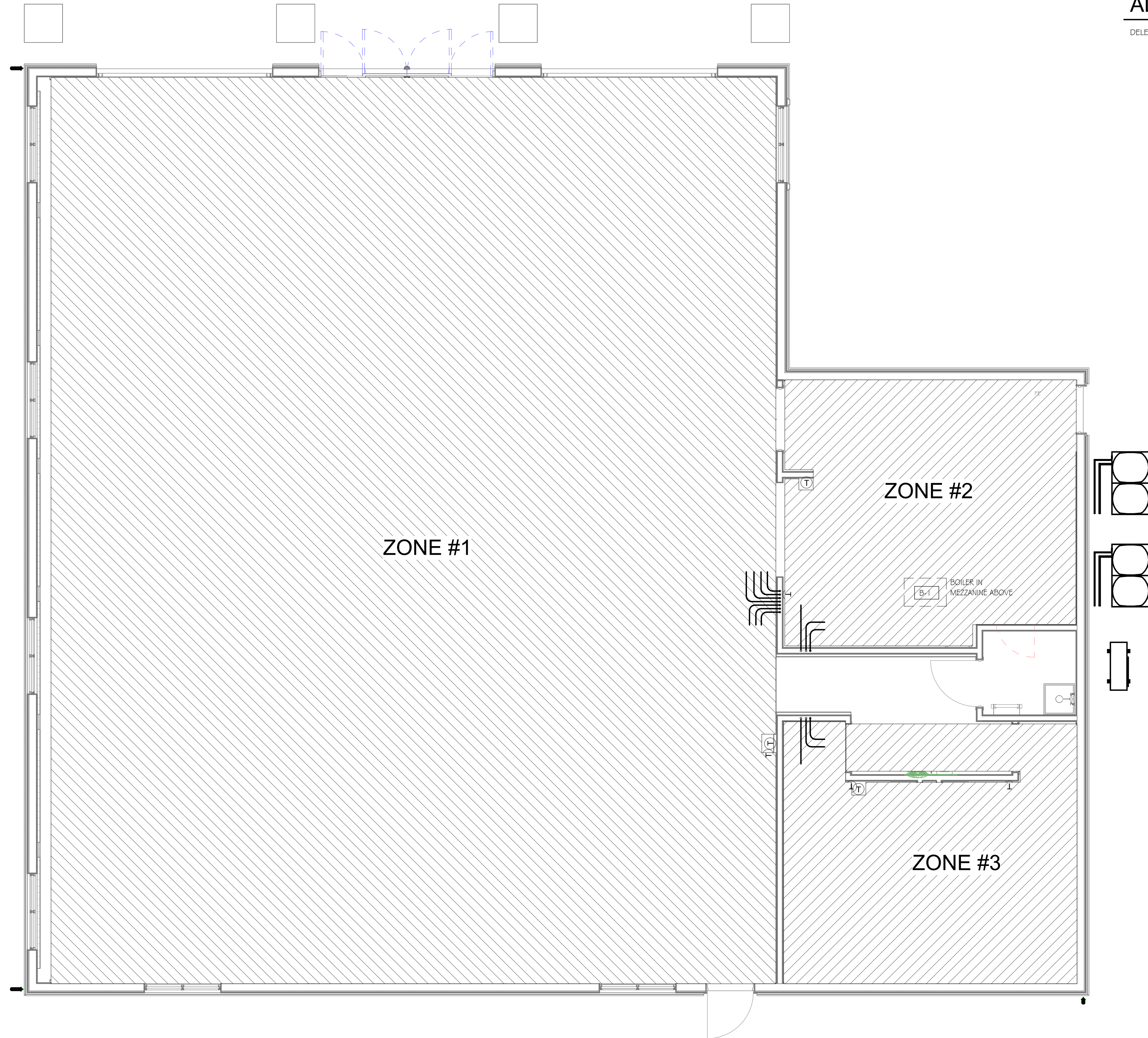
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TITLE OF DRAWING
MECHANICAL FIRST FLOOR PLAN

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RADIANT HEAT NOTES

1. PROVIDE IN SLAB RADIANT HEAT WITH 3 ZONES
 A. BANQUET HALL
 B. KITCHEN
 C. BATHROOMS
2. PROVIDE ALL COMPONENT FOR COMPLETE SYSTEM INCLUDING BUT NOT LIMITED TO BIOLER, VERIFY SIZE, INCLUDING REHEAT COIL AND DOMESTIC HOT WATER. ALL PIPING, INSULATION, ZONE VALVES, CONTROLS AND MANIFOLD.

ALTERNATE NO. 4

DELETE ALL WORK ASSOCIATED WITH RADIANT FLOOR HEAT SYSTEM.

1 FIRST FLOOR RADIANT HEAT PLAN
 1/4" = 1'-0"

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AIR OUTLET SCHEDULE												
TYPE	MANUFACTURER	MODEL	DESCRIPTION	MATERIAL & COLOR	BORDER TYPE	SLOT	SLOT WIDTH	MODULE SIZE	NECK SIZE			REMARKS
									DIAMETER	WIDTH	HEIGHT	
S-1	TITUS	S-DL	ALUMINUM DRUM LOUVER	MILL FINISH ALUMINUM	SURFACE MOUNTED				-	18"	8"	WITH AG-15-HD OPPOSED BLADE DAMPER
R-1	TITUS	35ORL	LOUVERED RETURN GRILLE	STEEL#26 WHITE	SURFACE MOUNTED				-	48"	24"	TYPE A

BOILER SCHEDULE										
UNIT ID	MANUFACTURER	MODEL	DESCRIPTION	MIN. INPUT BTU	MAX. OUTPUT BTU	GPM	ELECTRICAL			REMARKS
							VOLTS	PHASE	MCA	
B-1	A.O. SMITH	ACB-1995-N	COMBI BOILER	19,999	199,999	4.8	120V	1		WITH DIVERSITECH DRAIN PAN 63 X 27 WITH DRAIN PAN CONNECTION

NOTE:
 1. BOILER TO PROVIDE DOMESTIC HOT WATER, SERVICE TO HYDRONIC COIL, AND IN FLOOR RADIANT HEAT SYSTEM.
 2. FINAL SIZING BY RADIANT HEAT INSTALLER.

EXHAUST FAN SCHEDULE										
TYPE	MANUFACTURER	MODEL	DESCRIPTION	AIR FLOW CFM	EXHAUST EXTERNAL STATIC PRESSURE	ELECTRICAL			REMARKS	
						VOLTS	PHASE	MCA		
EF-1	GREENHECK	SP-LP05111-1	CEILING EXHAUST FAN	100	.15	120V	1	14W	WITH WC-4 WALL CAP, SWITCH WITH LIGHTING CIRCUIT	
EF-2	GREENHECK	SP-LP05111-1	CEILING EXHAUST FAN	100	.15	120V	1	14W	WITH WC-4 WALL CAP, SWITCH WITH LIGHTING CIRCUIT	
EF-3	GREENHECK	SQ-140-VG	IN-LINE EXHAUST FAN	1,000	.15	120V	1	10A	CONNECT TO BUILDING MANAGEMENT SYSTEM	

LOUVER SCHEDULE					
TYPE	MANUFACTURER	MODEL	TYPE	SIZE	REMARKS
LV-1	GREENHECK	ESD-435	INTAKE	28 X 20	1,2,3,4
LV-2	GREENHECK	ESD-435	EXHAUST	28 X 20	1,2,3,4

NOTES:
 1. COLOR SELECTED BY ARCHITECT, KYNAR FINISH.
 2. INSECT SCREEN.
 3. CLIP ANGLES.
 4. EXTENDED SILL.

MOD SCHEDULE					
TYPE	MANUFACTURER	MODEL	TYPE	SIZE	REMARKS
MOD-1	GREENHECK	VCD-23	OUTSIDE AIR INTAKE	18 X 12	-
MOD-2	GREENHECK	VCD-23	EXHAUST AIR	20 X 20	-
MOD-3	GREENHECK	VCD-23	OUTSIDE BYPASS AIR	20 X 12	-
MOD-4	GREENHECK	VCD-23	RETURN AIR	30 X 12	-

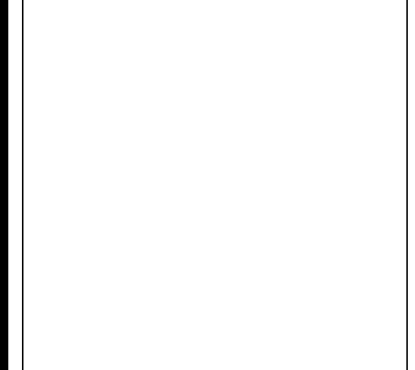
HEAT PUMP SCHEDULE															
TYPE	MANUFACTURER	MODEL	DESCRIPTION	NOMINAL COOLING (BTU/HR)	COOLING EFFICIENCY (EER/SEER)	NOMINAL HEATING (BTU/HR)	SIZE				ELECTRIC PER MODULE				NOTES & OPTIONS
							LENGTH	WIDTH	HEIGHT	WEIGHT (LBS)	VOLT	MCA 208/230	PHASE	MOCP	
ODU-2	mitsubishi	TRUYAQ121KA70NA	OUTDOOR UNIT	12,000	13	NO HEAT	32	12	25	98	208/230V	11A	1	30A	14" STAND
IDU-2-1	mitsubishi	TPKQAG121LA10A	INDOOR UNIT	12,000		NO HEAT	35	13	15	26	208/230V	1A	1	-	

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PROJECT
TIOGA DOWNS RECEPTION CENTER
 2384 WEST RIVER ROAD,
 NICHOLS, NY 13812

TITLE OF DRAWING
MECHANICAL SCHEDULES

DRAWING SCALE
AS NOTED
 ISSUE DATE:
04/15/2024
 PROJECT NO.
23-111
 DRAWING NO.
M-3.1

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Quantities

Qty	Model	Description	Tag
4	TAR-40MAAU	MA remote controller	CTR1-AHU-1,CTR1-CTR1-,CTR1-
1	TAR-30MAOA-J	MA remote controller	CTR1-AHU-OA
1	TUHYE1203AN40AN	R410A Y Series Outdoor Unit	ODU-1
1	TUHYE0963AN40AN	R410A Y Series Outdoor Unit	ODU-OA
1	TPEFYP096MH140A	Ceiling-Concealed (Ducted) Indoor Unit	AHU-1
1	TPLFYP012FM140A	Ceiling-Cassette (Four-Way) Indoor Unit	
2	TPMFYP006BM140F	Ceiling Cassette (One-Way) Indoor Unit	
1	TPEFYP096OA140A	100% Outside Air Indoor Unit	AHU-OA
1	CMY-Y102LS-G2	Branch Joint	
2	CMY-Y102SS-G2	Branch Joint	
1	TE-200A	System Remote Controller	CTR1
2	SGN-1	Side Snow/Hail Guard	
4	SGN-3	Front or Rear Snow/Hail Guard	
4	SHN-1	Snow Hood	
2	PAC-PH02EHYU-E	Panel Heater	
1	TLP-18FAU	Decoration Panel	
2	TMP-16BMUW	TMP-16BMUW	

Refrigerant Piping Materials

Pipe Size (inch)	Total Length (feet)	Number of Bends
3/8	75	0
7/8	35	0
1/4	15	0
1/2	15	0
5/8	10	0
1-1/8	30	0

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PLUMBING - GENERAL NOTES

1. VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN FIELD BEFORE ORDERING EQUIPMENT OR FABRICATING COMPONENTS.
2. COORDINATE WORK WITH STRUCTURAL AND ARCHITECTURAL FEATURES AND PROVIDE OFFSETS AND FITTINGS AS REQUIRED.
3. COORDINATE WORK WITH ALL OTHER TRADES AND CEILING HEIGHTS ON ARCHITECTURAL PLANS.
4. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING UNDERGROUND UTILITIES AND PIPING BEFORE COMMENCING WORK AND AGREES TO BE FULLY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY UNDERGROUND UTILITIES
5. INSTALL ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
6. CONTRACTOR IS REQUIRED TO NOTIFY FACILITY OWNERS NOT LESS THAN 3 AND NOT MORE THAN 10 WORKING DAYS PRIOR TO EXCAVATION OR DEMOLITION WORK WHEN USING POWERED EQUIPMENT
7. COORDINATE LOCATION OF ALL PIPING AND DEVICES BEFORE INSTALLATION WITH THE WORK OF OTHER TRADES. WHERE A CONFLICT IN AVAILABLE CLEARANCES OCCURS, OBTAIN CLARIFICATION FROM OTHER TRADES AND ARCHITECT, AND PROVIDE ADDITIONAL PIPING, FITTINGS, ETC., ARE REQUIRED TO INSTALL PLUMBING SYSTEM WITHOUT ANY ADDITIONAL COST TO THE CONTRACT
8. VERIFY MOUNTING HEIGHTS OF EQUIPMENT FIXTURES WARCHITECT DRAWING AND OWNER SUPPLIED EQUIPMENT BEFORE ROUGH-IN.
9. BUILDING STORM WATER, DOMESTIC WATER, SANITARY, & GAS PIPING SHALL BE EXTENDED TO LIMIT OF DELINEATION OF CONTRACT LINE AS INDICATED ON DRAWINGS.
10. THE PLUMBING CONTRACTOR SHALL MAKE A COMPLETE WASTE, VENT, HOT & COLD WATER CONNECTION TO ALL OWNER FURNISHED EQUIPMENT.
11. INSTALL ALL EQUIPMENT AND MATERIALS IN STRICT ACCORDANCE WITH RESPECTIVE MANUFACTURER'S WRITTEN INSTRUCTIONS.
12. DIMENSIONS AND PIPE SIZES ARE IN INCHES UNLESS NOTED OTHERWISE.
13. RUN PIPING CONCEALED EXCEPT IN MECHANICAL ROOMS OR WHERE NOTED OTHERWISE.
14. ALL EXPOSED PIPING SHALL BE CLEANED AND HAVE THE SURFACE PREPARED TO RECEIVE PAINTED FINISH. PRIME AND PAINT THE EXPOSED PIPING IN COLOR AS SELECTED BY THE ARCHITECT
15. RUN MINIMUM 2" SIZE WASTE PIPING BELOW GROUND INSIDE BUILDING REGARDLESS OF SIZE NOTED ON FIXTURE SCHEDULE. SLOPE ALL SOIL, WASTE AND STORM WATER LINES PER CODE.
16. CONNECT WATER, WASTE, AND VENT PIPING TO FIXTURES IN ACCORDANCE WITH SIZES INDICATED ON FIXTURE SCHEDULE.
17. CONTRACTOR SHALL PROVIDE PIPE SLEEVES IN ALL FOUNDATION WALLS FOR PIPING PENETRATIONS.
18. ALL DOMESTIC WATER PIPING SHALL BE INSTALLED AS HIGH AS POSSIBLE.
19. MAKE ALL FINAL CONNECTIONS TO THE EQUIPMENT AS SHOWN ON THE DRAWINGS. PROVIDE SHUT-OFF VALVES IN ALL INDIVIDUAL WATER CONNECTIONS. IF APPLICABLE, PROVIDE SHUT-OFF VALVES IN ALL INDIVIDUAL GAS CONNECTIONS.
20. RUN ALL PIPING ABOVE CEILING UNDER BUILDING INSULATION OR CONCEALED IN WALLS, UNLESS NOTED OTHERWISE. ALL WASTE LINES SHALL BE BELOW FLOOR, UNLESS NOTED OTHERWISE.
21. FURNISH AND INSTALL ACCESS PANELS WHERE REQUIRED, WHERE SHOWN, OR REQUIRED FOR ACCESS TO ALL CONCEALED VALVES, TRAPS OR OTHER EQUIPMENT FURNISHED UNDER THIS CONTRACT WHERE NO OTHER MEANS IS PROVIDED.
 - A. COORDINATE ACCESS PANELS AND DOORS WITH ARCHITECT FEATURES.
22. INSTALL UNIONS ON PIPING TO PERMIT EASY DISCONNECTING.
23. CONCEAL ALL PIPING, VALVES AND FITTINGS ABOVE CEILINGS AND IN CHASES WHERE THEY OCCUR, UNLESS NOTED OTHERWISE.
24. THE CONTRACTOR SHALL RIGIDLY SUPPORT ALL EQUIPMENT.
25. ALL SANITARY AND STORM SEWER PIPING SHALL BE RUN AT 1/8" PER FOOT SLOPE UNLESS OTHERWISE NOTED. ALL SANITARY SEWER PIPING 2" AND SMALLER SHALL BE RUN AT 1/4" PER FOOT SLOPE. ALL SANITARY SEWER PIPING 3" AND LARGER SHALL BE RUN AT 1/8" PER FOOT SLOPE.
26. PROVIDE AND INSTALL CHROME PLATED ANGLE SHUTOFF VALVES AT EACH FIXTURE REQUIRING WATER VALVES FOR WALL MOUNTED FIXTURES SHALL BE CHROME PLATED, PROVIDE THREADED, HEAVY DUTY TYPE AND HAVE LOOSE KEY STOPS. VALVES FOR COUNTERTOP FIXTURES SHALL BE 1/4 TURN BALL VALVES. PROVIDE SHUT-OFF VALVE IN ALL HOT WATER SUPPLY BRANCHES AND COMBINATION SHUT-OFF AND BALANCE VALVE IN ALL HOT WATER RETURN BRANCHES. LOCATE IN ACCESSIBLE CEILING SPACE OR IF INSIDE EQUIPMENT ENCLOSURES, PROVIDE ACCESS DOOR.
27. HOT & COLD-WATER PIPING SHALL BE COPPER/PEX.

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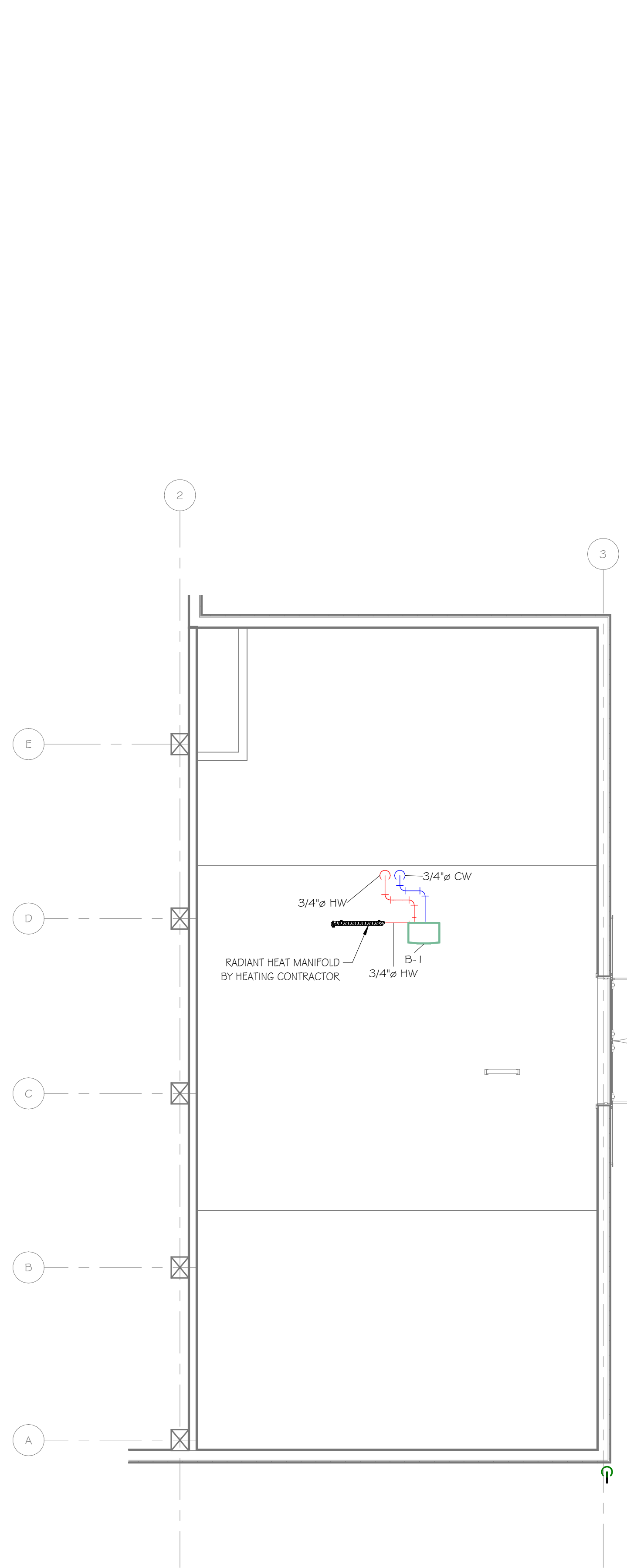
PLUMBING FIXTURE SCHEDULE

NAME	DESCRIPTION	MANUFACTURER	PIPE SIZE				REMARKS
			CW	HW	VENT	WASTE	
WC-1	WATER CLOSET, ADA	AMERICAN STANDARD	1"	-	2"	3"	MODEL APWALL MILLENIUM FLOWISE 2257.101, WITH SELECTRONIC FLUSH VALVE 6067.161.002, OPEN FRONT SEAT 5905.100, ZURN 1200 SERIES WALL CARRIER
UR-1	URINAL	AMERICAN STANDARD	3/4"	-	2"	2"	MODEL DECORUM 6042.001 EC, WITH SELECTRONIC FLUSH VALVE 6062.301.007 STAINLESS STEEL STRAINER 7381755-200.0020A, ZURN 1200 SERIES CARRIER.
LAV-1	LAVATORY	BRADLEY	1/2"	1/2"	1-1/4"	1-1/2"	MODEL OMNIDECK LD-3010, WITH VERGE CREST FAUCET AND SOAP DISPENSER AND WB-TR-1 UNDERMOUNTS.
DF-1	DRINKING FOUNTAIN	ELKAY	1/2"	-	1-1/4"	1-1/4"	MODEL L258W5SK EZH20
MB-1	MOP BASIN	MUSTEE	1/2"	1/2"	1-1/2"	2"	MODEL 63CM, WITH FAUCET, HOSE AND HOLDER, MOP HANGER
S-1	PREP SINK	-	1/2"	1/2"	1-1/2" AAD	1 1/2"	PROVIDED AND SELECTED BY OWNER
S-2	HAND WASH SINK	-	1/2"	1/2"	1-1/4"	1 1/4"	PROVIDED AND SELECTED BY OWNER
S-3	THREE BAY SINK	REGENCY	1/2"	1/2"	2"	2"	PROVIDED AND SELECTED BY OWNER
CO-1	CLEAN OUT	CHARLOTTE	-	-	-	4"	MODEL PVC ADAPTOR AND PLUG
FD-1	FLOOR DRAIN	ZURN	-	-	2"	2"	MODEL FD2210-PV2, ADJUSTABLE HEIGHT, WITH SURE SEAL TRAP SEAL
HYD-1	WALL HYDRANT	WATTS	1/2"	-	-	-	MODEL HY 420 8, FROST PROOF
DCV-1	DOUBLE CHECK VALVE	WATTS	1 1/2"	-	-	-	MODEL LFO07M2QT-5
DCV-2	DOUBLE CHECK VALVE	WATTS	TBD	-	-	-	SIMILAR TO LFM300GV, FINAL SELECTION BY FIRE PROTECTION INSTALLER
FS-1	FLOOR SINK	WATTS	-	-	-	2"	MODEL FS-730-2-P-175
DW-1	DISHWASHER	-	-	3/4"	2"	2"	PROVIDED AND SELECTED BY OWNER

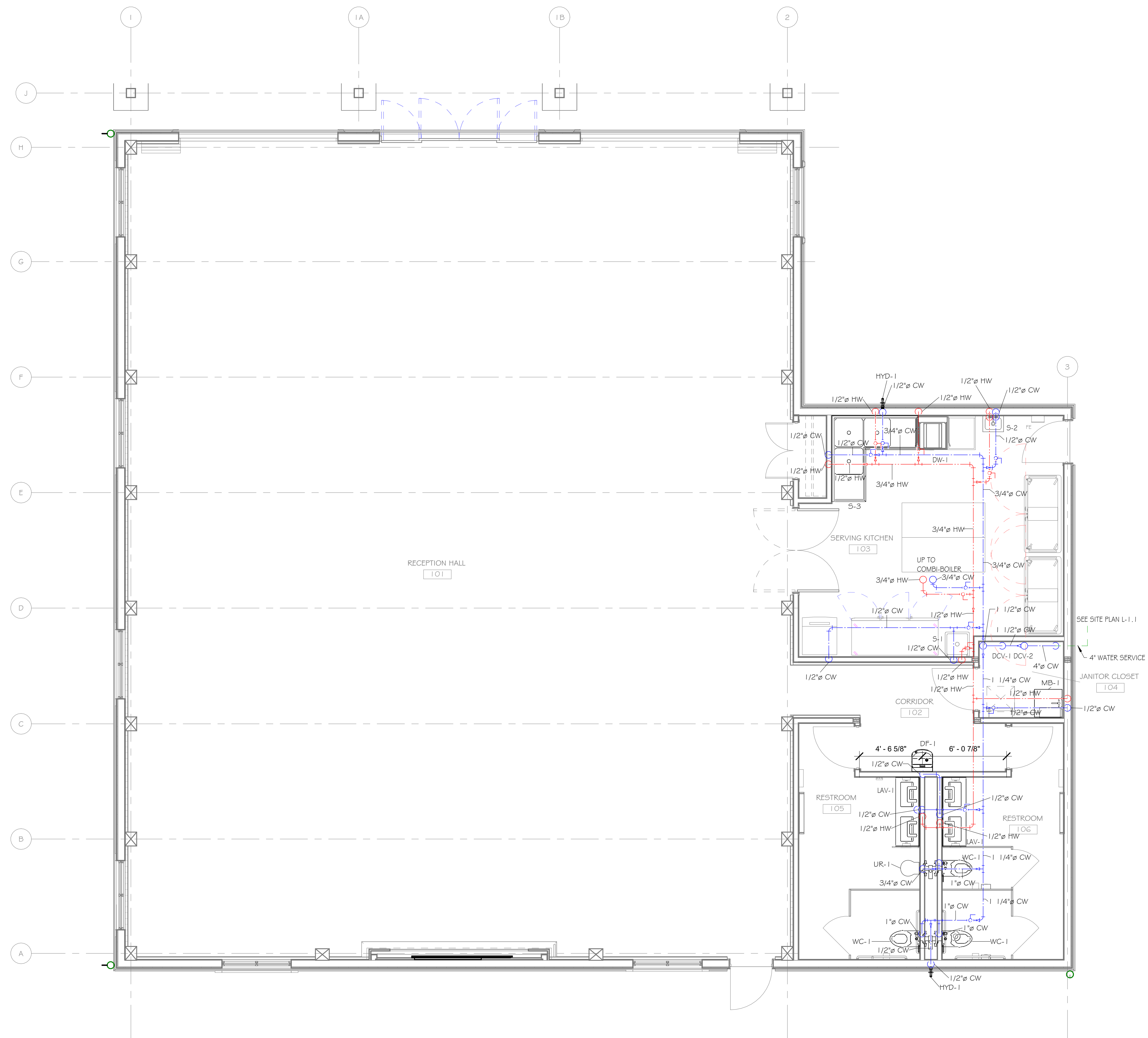
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2 ATTIC PLUMBING PLAN - DOMESTIC SUPPLY
1/4" = 1'-0"



1 FIRST FLOOR PLUMBING PLAN - DOMESTIC SUPPLY
1/4" = 1'-0"

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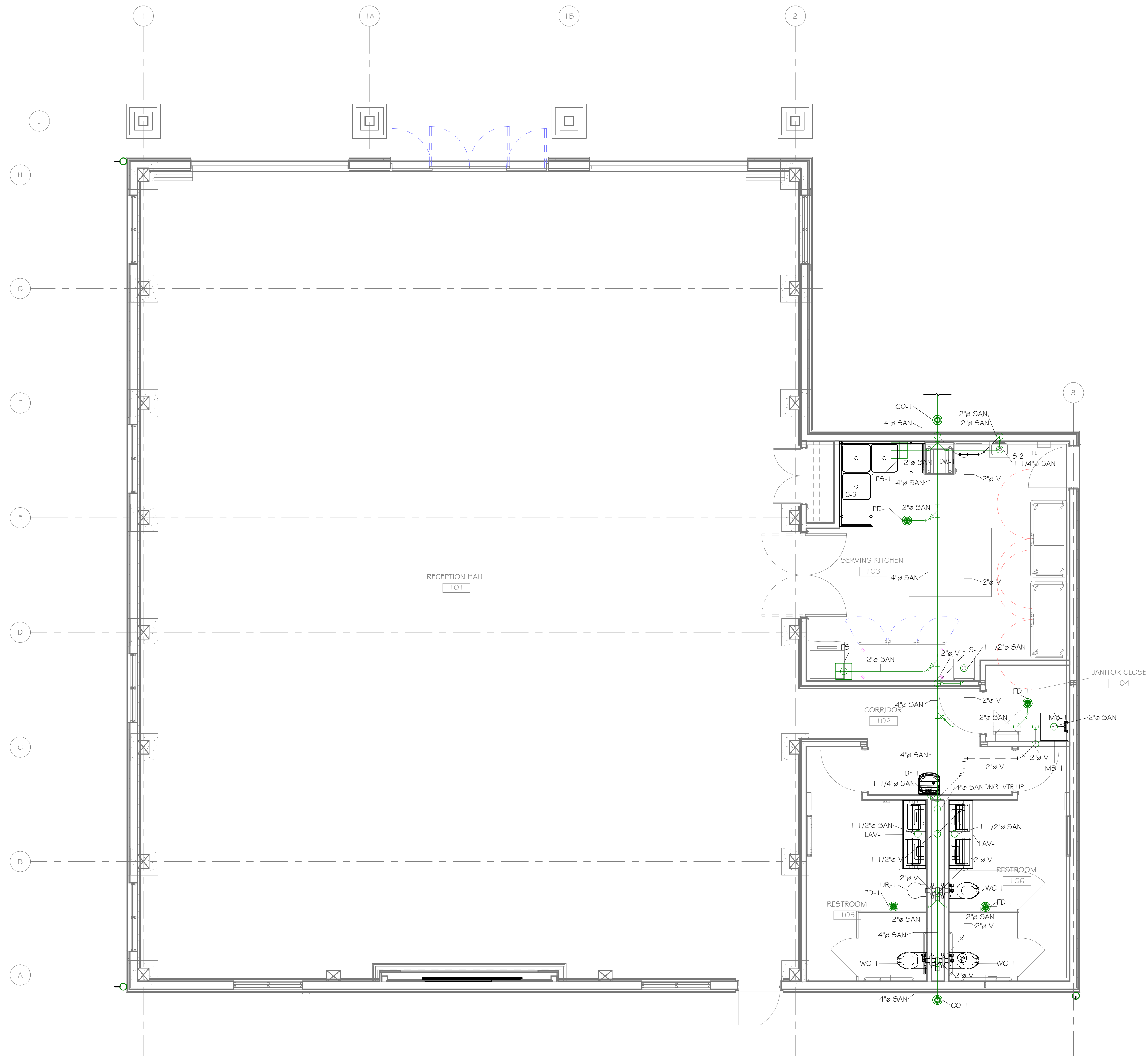
SEE SITE PLAN L-1.1
 4" WATER SERVICE
 JANITOR CLOSET 104

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TITLE OF DRAWING
 FIRST FLOOR PLUMBING PLAN - DOMESTIC SUPPLY PIPING

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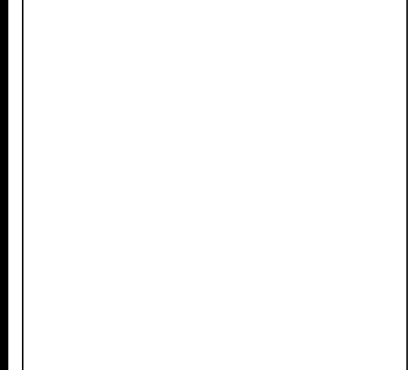


1 FIRST FLOOR PLUMBING PLAN - SANITARY & VENT
 1/4" = 1'-0"

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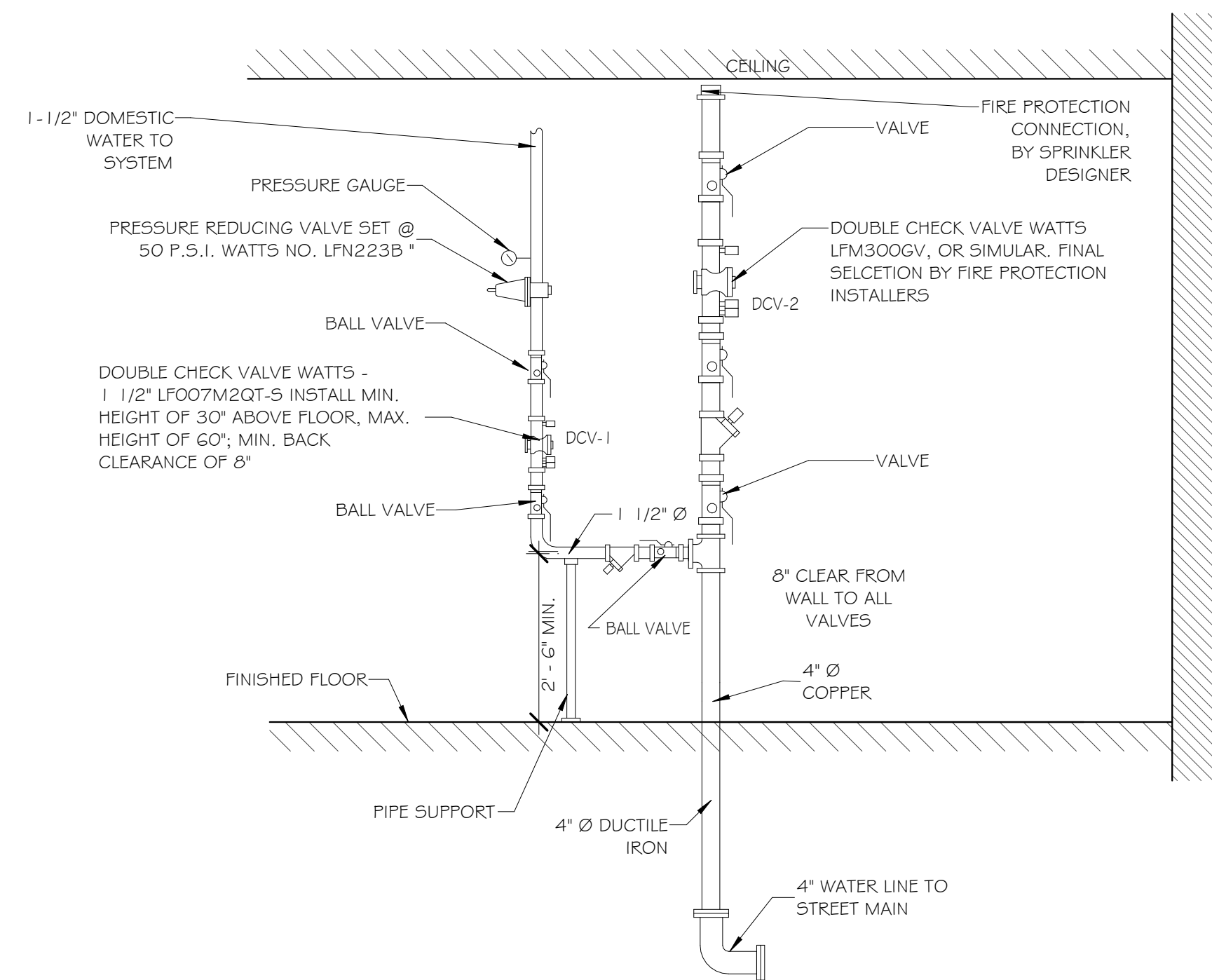


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FIRST FLOOR PLUMBING PLAN - SANITARY & VENT PIPING

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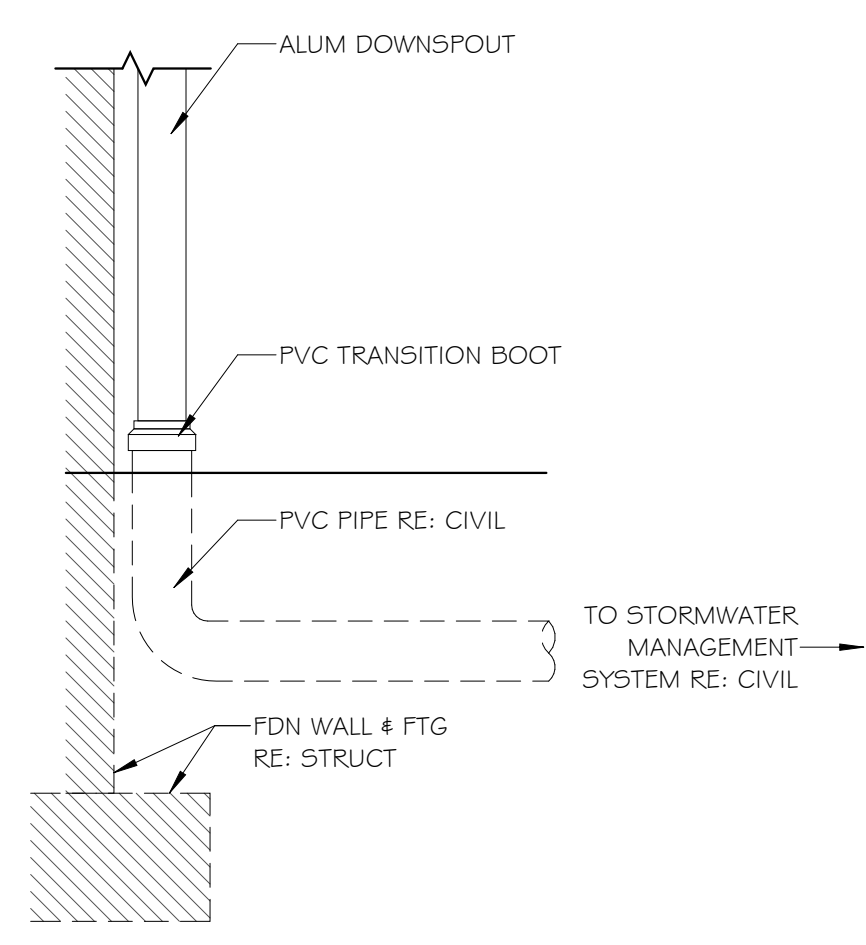
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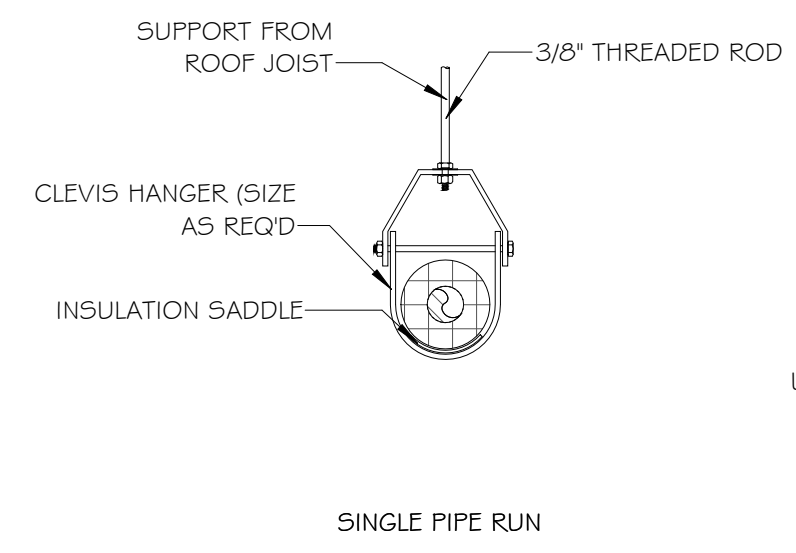
NOTES:

1. CEILING HEIGHT AND THE REQUIRED 12" MINIMUM CLEAR SPACE SHALL BE MAINTAINED ABOVE THE ASSEMBLY TO ALLOW FOR SERVICING VALVES AND FOR OPERATION OF SHUT-OFF VALVES.
2. A MINIMUM DISTANCE OF 30" OF CLEAR SPACE SHALL BE MAINTAINED BETWEEN THE FRONT SIDE OF THE DEVICE AND THE NEAREST WALL OR OBSTRUCTION.
3. IF THE DISTANCE BETWEEN THE WATER METER AND THE 3" DEVICE IS GREATER THAN 10', THE PIPING MUST BE LABELED "DO NOT TAP" AT 5' INTERVALS.
4. A MINIMUM CLEARANCE OF 8" SHALL BE MAINTAINED FROM THE BACKSIDE OF THE DEVICE TO THE NEAREST WALL OR OBSTRUCTION.

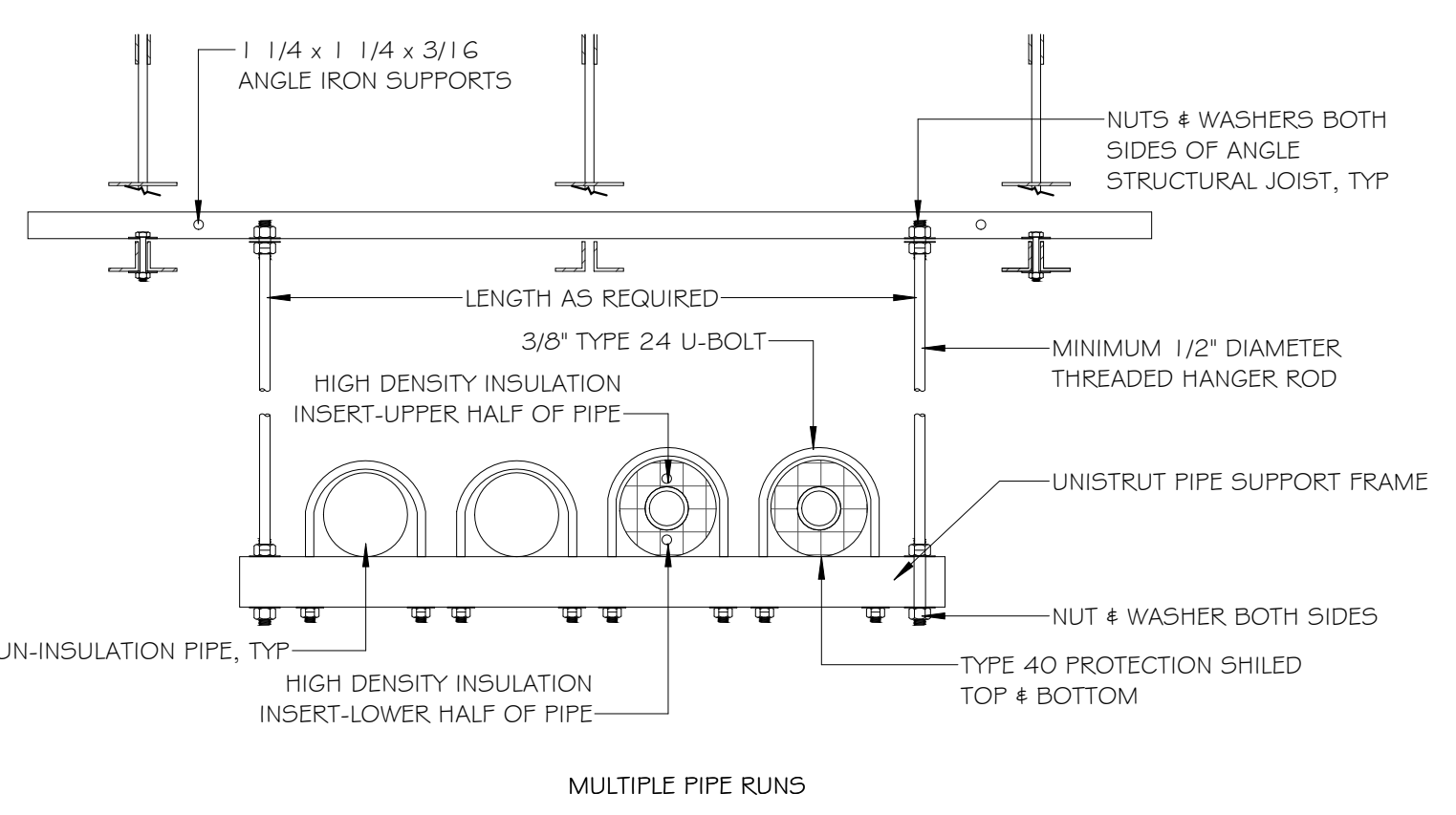
4" DOMESTIC WATER SERVICE PIPING DETAIL
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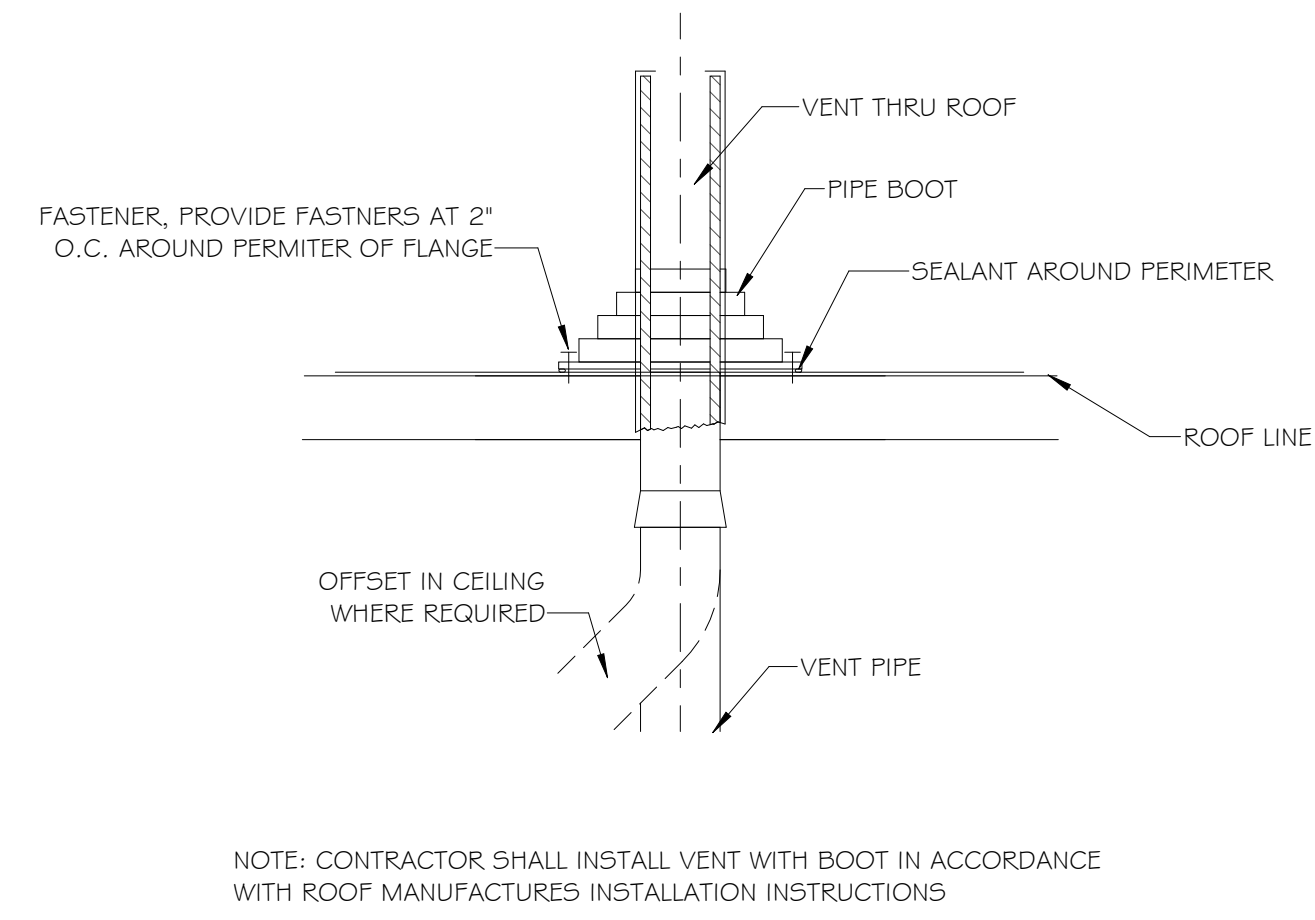
TYP. DOWNSPOUT DETAIL
N.T.S.



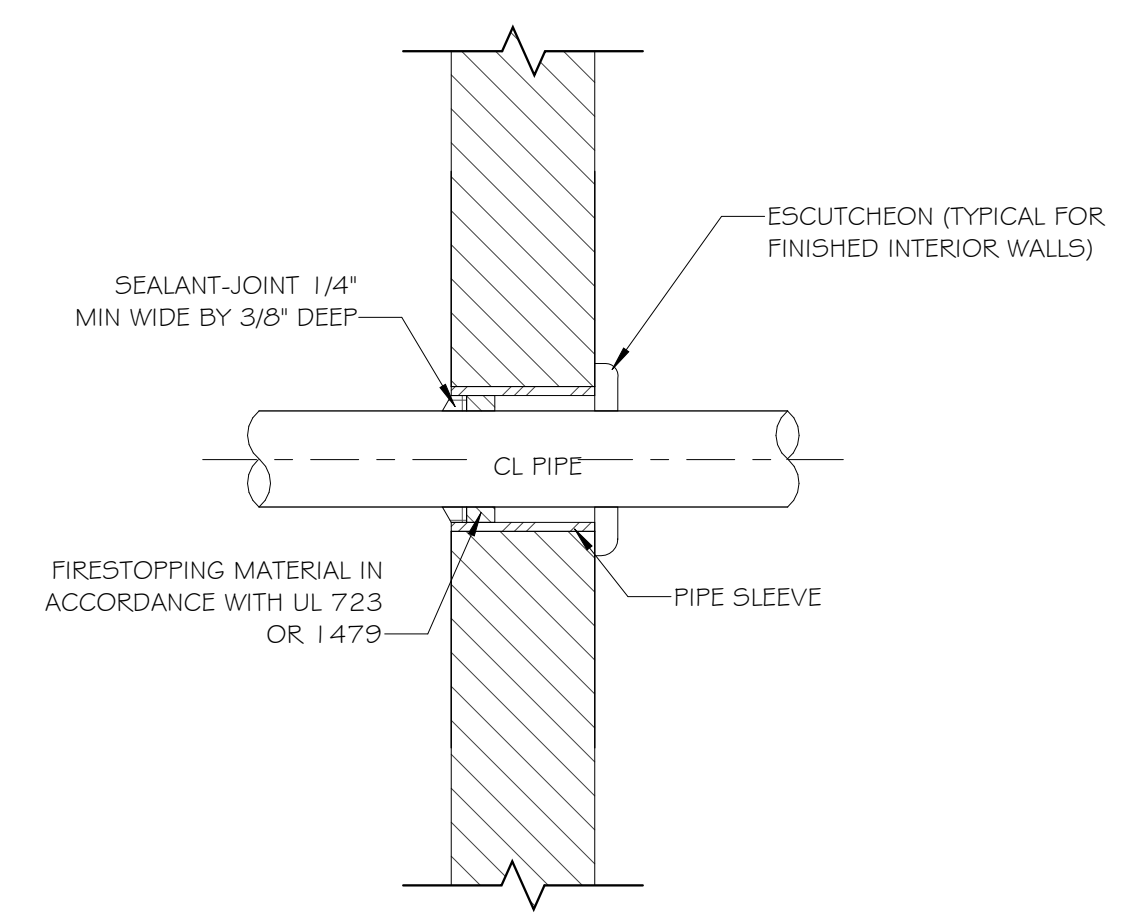
PIPE SUPPORT DETAILS
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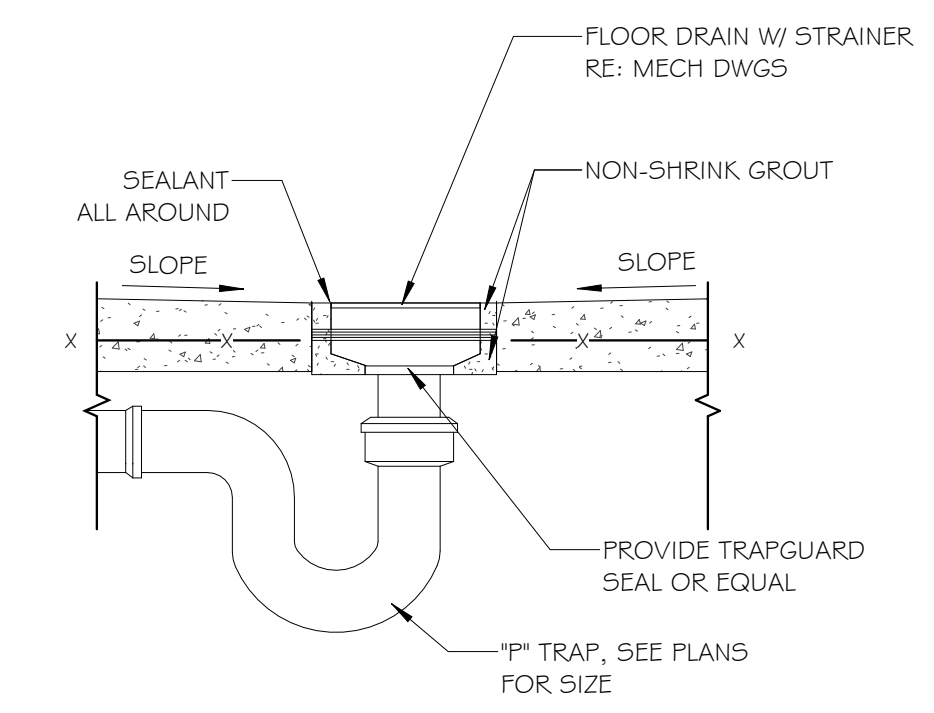
MOP SINK ELEVATION DETAIL
N.T.S.



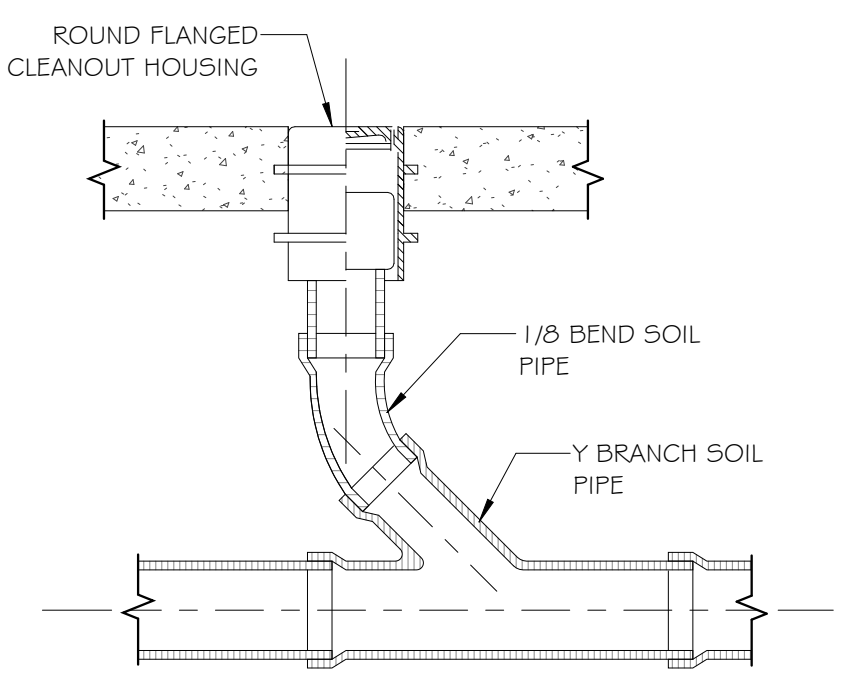
ROOF VENT PENETRATION DETAIL
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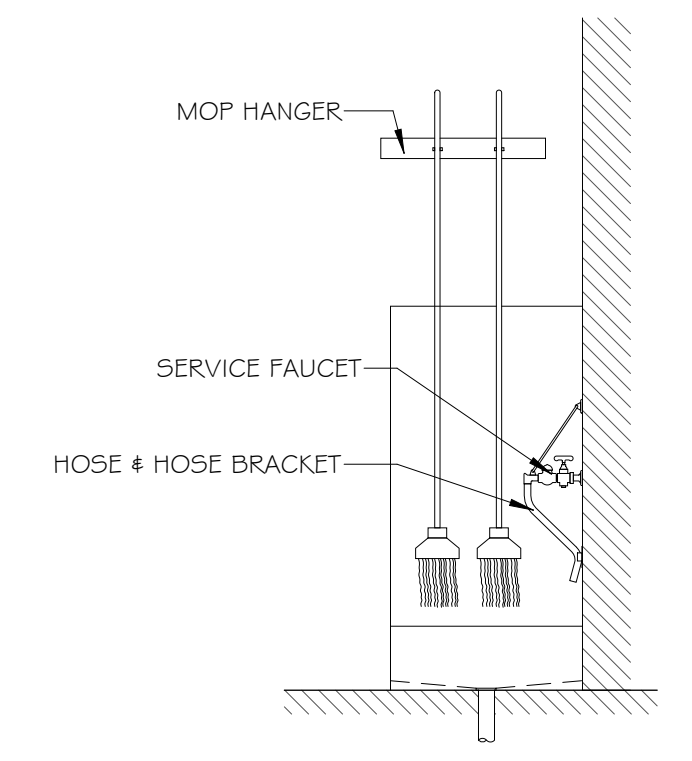
TYP. PIP PENETRATION THRU WALL DETAIL
N.T.S.



TYP. FLOOR DRAIN DETAIL
N.T.S.



TYP. FLOOR CLEANOUT DETAIL
N.T.S.



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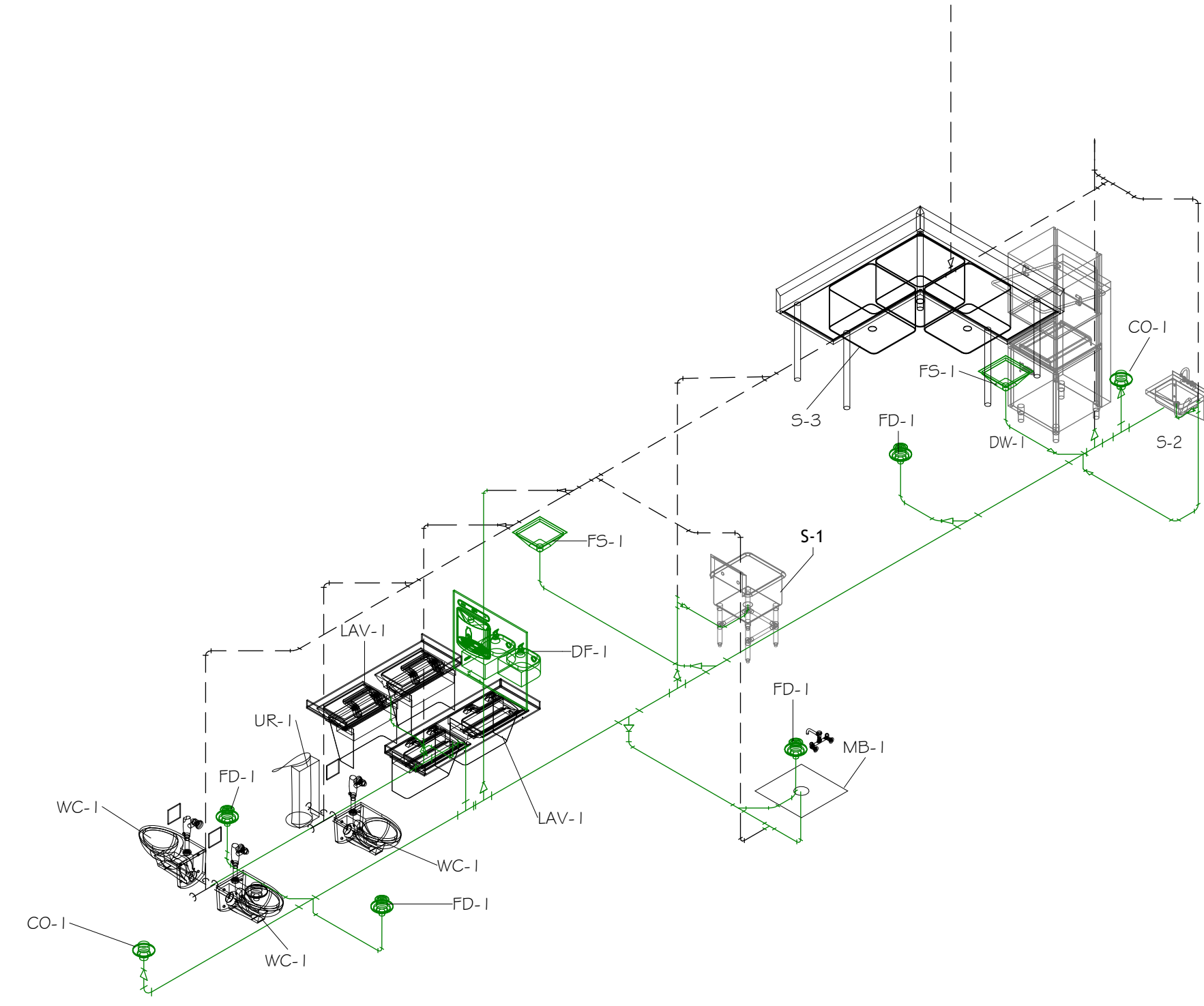
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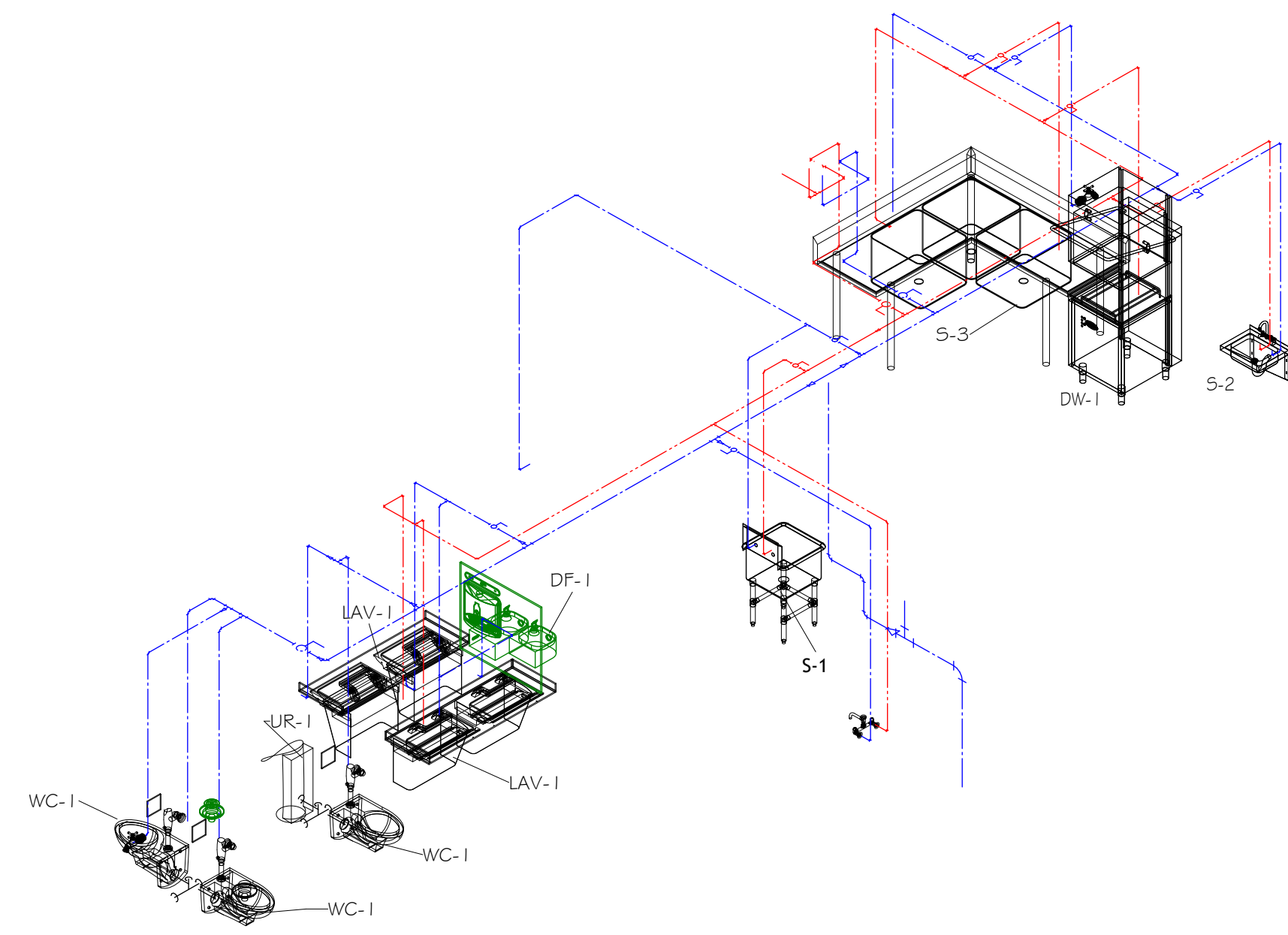
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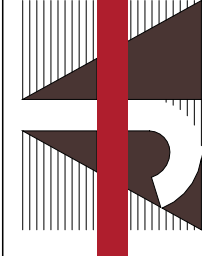
2 SANITARY & VENT ISOMETRIC VIEW



1 DOMESTIC SUPPLY ISOMETRIC VIEW

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TITLE OF DRAWING
DOMESTIC SUPPLY AND SANITARY/VENT ISOMETRIC VIEWS

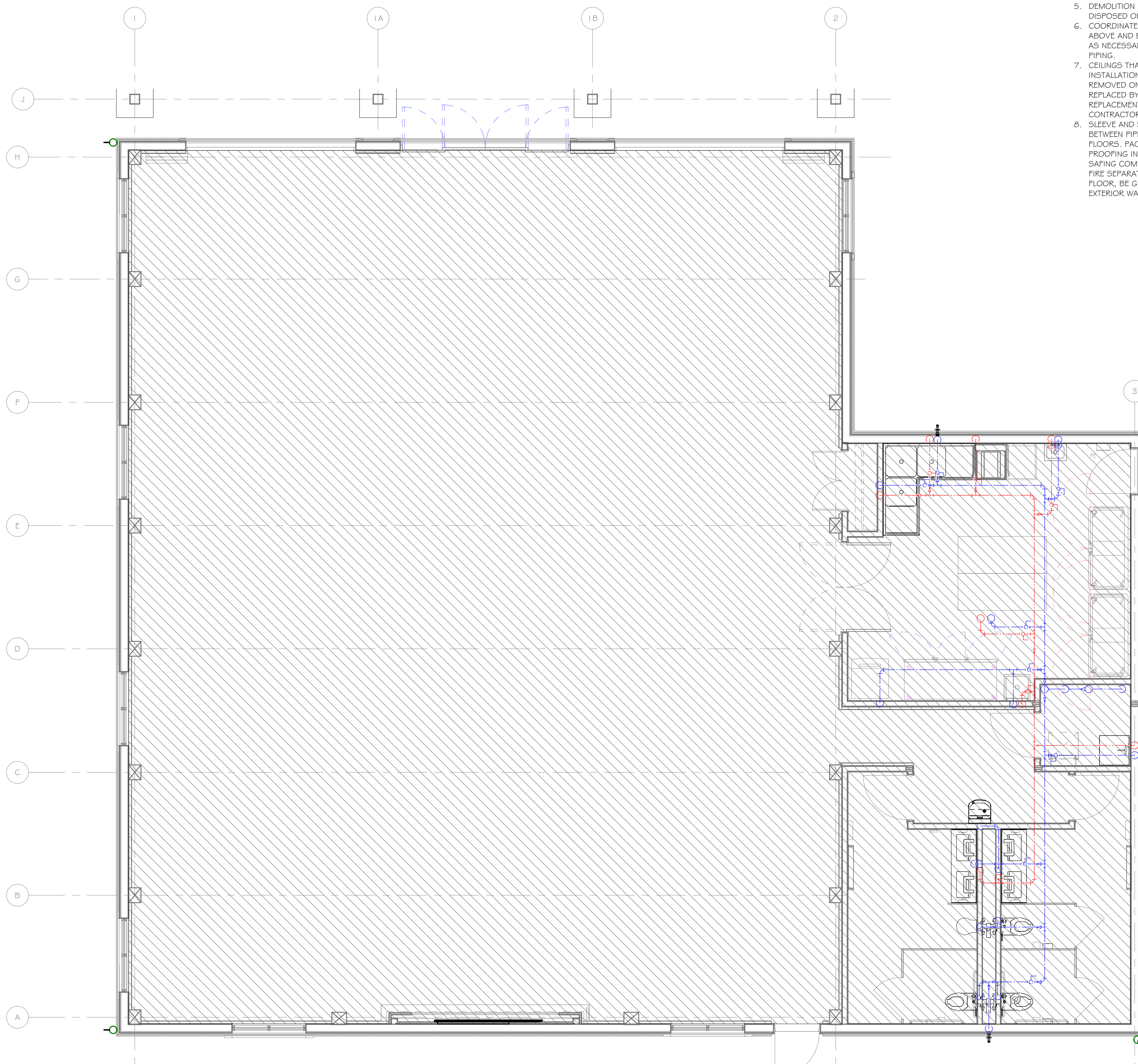
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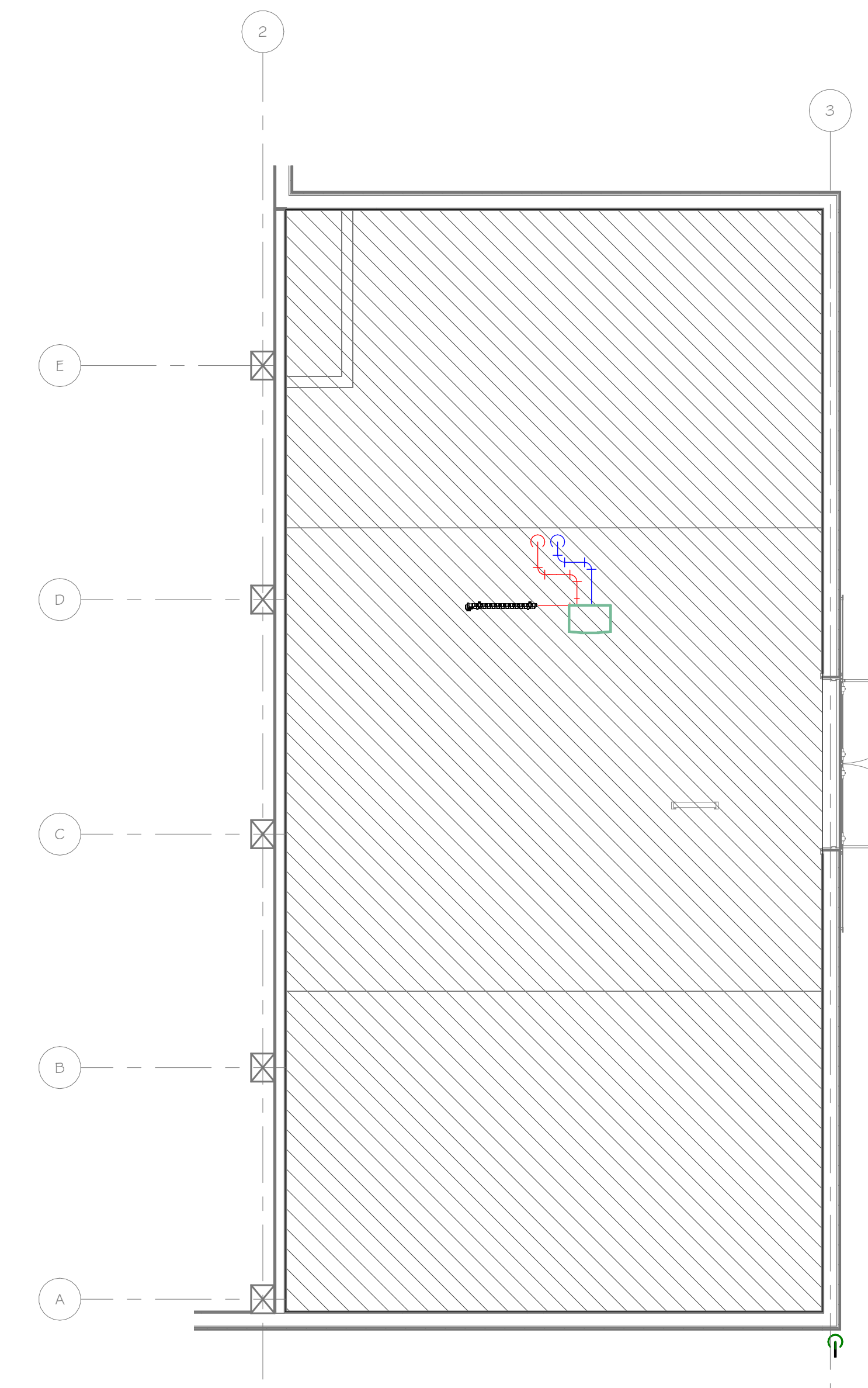
FIRE PROTECTION GENERAL NOTES

1. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
2. VERIFY LOCATIONS OF EXISTING AND NEW WORK REQUIRED FOR CONSTRUCTION. MODIFY POINTS OF CONNECTION TO EXISTING SYSTEMS AS NECESSARY FOR JOB CONDITIONS. PROVIDE VALVING, PIPING AND TEMPORARY CONNECTIONS TO NEW AND EXISTING SYSTEMS AS NECESSARY FOR WORK CONTINUATION.
3. ALL EXISTING SYSTEMS NOT IN THE CONSTRUCTION PHASE SHALL REMAIN IN SERVICE. ALL SYSTEM SHUTDOWNS SHALL BE COORDINATED AND OCCUR ONLY WITH THE APPROVAL OF THE FACILITY.
4. THIS CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING MADE NECESSARY BY HIS WORK. REMOVALS SHALL BE TO BEYOND FINISHED SURFACES TO ALLOW PATCHING AND FINISHING TO MATCH ADJACENT SURFACES.
5. DEMOLITION ITEMS SHALL BE REMOVED FROM THE JOB SITE AND PROPERLY DISPOSED OF, EXCEPT AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
6. COORDINATE ALL WORK WITH THE FUNCTIONS OF ADJACENT AREAS INCLUDING ABOVE AND BELOW THE PROJECT AREA. PROVIDE SLAB CUTTING AND PATCHING AS NECESSARY TO MAKE NEW CONNECTIONS TO EXISTING UNDER FLOOR PIPING.
7. CEILINGS THAT NEED TO BE TEMPORARILY REMOVED TO ALLOW FOR THE INSTALLATION OF PIPING OR EQUIPMENT AND ARE NOT SCHEDULED TO BE REMOVED ON THE ARCHITECTURAL DRAWINGS SHALL BE REMOVED AND REPLACED BY THIS CONTRACTOR. COORDINATE THE REMOVAL AND THE REPLACEMENT WITH THE ELECTRICAL CONTRACTOR AND THE PLUMBING CONTRACTOR.
8. SLEEVE AND SEAL ALL PIPE PENETRATIONS OF WALLS AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH INSULATION IN NON-RATED WALLS AND FLOORS. PACK VOID BETWEEN PIPE AND SLEEVE WITH 2 HOUR FIRE RATED FIRE PROOFING IN FIRE-RATED WALLS AND FLOORS; APPLY INTUMESCENT FIRE SAFING COMPOUND AT PENETRATION, MAINTAINING INTEGRITY AND RATING OF FIRE SEPARATION. SLEEVES THROUGH FLOORS SHALL EXTEND 2" ABOVE FLOOR, BE GROUTED INTO PLACE AND WATERPROOFED. PIPING THROUGH EXTERIOR WALLS SHALL BE SLEEVED AND SEALED WEATHER TIGHT.
9. COVERAGE SHALL MEET OR EXCEED THE REQUIREMENTS OF NFPA-13. FIELD CONDITIONS MAY DICTATE ADDITIONAL HEADS BE PROVIDED. CONTRACTOR SHALL MAKE PROVISIONS FOR SUCH CIRCUMSTANCES. NO ADDITIONAL COSTS WILL BE ALLOWED FOR SUCH SITUATIONS.
10. CONTRACTOR SHALL VISIT THE SITE AND EXAMINE THE EXISTING CONDITIONS PRIOR TO SUBMITTING THEIR BID. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR CIRCUMSTANCES ARISING OUT OF CONTRACTOR'S FAILURE TO PERFORM THIS EXAMINATION.
11. FIRE PROTECTION CONTRACTOR TO INSTALL SPRINKLERS AND TEST SYSTEM PER NFPA-13.
12. THE ENTIRE INSTALLATION OF THE FIRE PROTECTION SYSTEM SHALL BE IN ACCORDANCE WITH 'NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE', THE LATEST EDITION OF N.F.P.A. PAMPHLET #13 AND THE OWNER'S INSURANCE CARRIER, AS WELL AS THE LOCAL FIRE DEPARTMENT REGULATIONS.
13. THE PIPING SYSTEM MUST BE DESIGNED HYDRAULICALLY BY THE CONTRACTOR TO PROVIDE THE PRESCRIBED DENSITY OVER THE MOST REMOTE SPECIFIED AREA. ANY CHANGES IN LAYOUT REQUIRED BY THE FINAL DESIGN PROCEDURE SHALL BE MADE AT NO ADDITIONAL COST TO THE OWNER. THE FOLLOWING ARE DESIGN STANDARDS FOR SPRINKLER WORK. THE CONTRACTOR SHALL VERIFY THESE STANDARDS WITH OWNER'S INSURANCE CARRIER.
14. ALL AREAS: LIGHT HAZARD GROUP, 1.10 GPM/SQ. FT. OVER 1,500 SQ. FT., 250 SQ. FT. PER HEAD MAXIMUM COVERAGE, WET SYSTEM.
15. NO MUNICIPAL SYSTEM ON SITE SYSTEM WILL REQUIRE WATER STORAGE TANK AND PUMP.
16. CONTRACTOR TO CONNECT FIRE ALARM NOTIFICATION DEVICES TO SPRINKLER FLOW SWITCH.

AREA OF CONSIDERATION FOR SPRINKLER DESIGN COMPANY	
FIRST FLOOR.....	3,616 SF
ATTIC.....	750 SF
TOTAL.....	4,366 SF



2 FIRST FLOOR FIRE PROTECTION PLAN
1/4" = 1'-0"



1 ATTIC FIRE PROTECTION PLAN
1/4" = 1'-0"

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PROJECT
 TIOGA DOWNS RECEPTION CENTER
 2384 WEST RIVER ROAD,
 NICHOLS, NY 13812

TITLE OF DRAWING
 FIRE PROTECTION PLAN

DRAWING SCALE
 AS NOTED
ISSUE DATE:
 04/15/2024
PROJECT NO.
 23-111
DRAWING NO.
FP-1.1

ELECTRICAL GENERAL NOTES:

- PRIOR TO CONSTRUCTION AND INSTALLATION, CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND NOTIFY ARCHITECT/ENGINEER IN WRITING OF CONFLICTS OR CONDITIONS WHICH INTERFERE WITH INSTALLATION AS SET FORTH IN CONTRACT DOCUMENTS.
- PROTECT HEAT/SMOKE DETECTORS, LUMINARIES, OCCUPANCY SENSORS, ETC., IN THE VICINITY OF NEW WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL NEW OPENINGS, CUTTING, PATCHING,
 - EXCAVATIONS, AND PENETRATIONS REQUIRED TO COMPLETE THE WORK OF THE ELECTRICAL TRADE UNLESS SPECIFICALLY NOTED OTHERWISE. UPON COMPLETION, ALL PENETRATIONS ARE TO BE SEALED.
- REFER TO HVAC AND PLUMBING DRAWINGS FOR ASSOCIATED ELECTRICAL WORK.
- THE ELECTRICAL TRADES CONTRACTOR SHALL COORDINATE ALL WORK WITH ALL TRADES AND OWNER PRIOR TO START OF WORK.
- MINIMUM CONDUIT SIZE USED ON THIS PROJECT SHALL BE 3/4" UNLESS NOTED OTHERWISE.
- MINIMUM WIRE SIZE USED ON THIS PROJECT SHALL BE #12 THIN/THWN, UNLESS NOTED OTHERWISE.
- GENERAL PURPOSE RECEPTACLES SHALL BE 20 AMP, AND NEMA STYLE GROUNDING TYPE AS REQUIRED FOR APPLICATION.
- ALL MECHANICAL AND PLUMBING EQUIPMENT CONNECTION LOCATIONS INDICATED ARE APPROXIMATE. VERIFY LOCATIONS IN FIELD AND COORDINATE WITH HVAC AND PLUMBING DRAWINGS TO DETERMINE EXACT LOCATION OF ELECTRICAL CONNECTIONS AND CHARACTERISTICS.
- ALL LOW VOLTAGE WIRING/CABLING NOT IN CONDUIT SHALL BE PLENUM RATED CABLE.
- ALL CEILING MOUNTED DEVICES ARE TO BE CENTERED WITHIN THE PATTERN OF THE CEILING PANEL. A 2'X4' PANEL SCORED TO SIMULATE A 2'X2' PATTERN SHALL HAVE DEVICES CENTERED IN THE 2'X2' PORTION. COORDINATE IN FIELD WITH CEILING INSTALLER.
- ALL DEVICES ARE TO BE INSTALLED RECESSED.
- ALL WORK TO CONFORM TO CURRENT APPLICABLE EDITION OF THE NEC. AND ALL APPLICABLE LOCAL CODES.
- ROUTE SURFACE RACEWAY AS FOLLOWS: VERTICAL RUNS SHALL BE LOCATED IN CORNERS OR ALONG MOLDINGS AND TRUSS MEMBERS. EXTEND TO ABOVE ACCESSIBLE CEILINGS, WHERE POSSIBLE. HORIZONTAL RUNS SHALL NOT EXCEED 20 LF IN LENGTH WHEREVER POSSIBLE.
- ALL EXTERIOR LIGHTING SHALL BE PHOTOCELL CONTROLLED.
- ALL EMERGENCY AND EXIT FIXTURES SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING.
- THE CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL EQUIPMENT.
- ALL ABOVE COUNTER (AC) RECEPTACLES SHALL BE INSTALLED ABOVE BACKSPASH AND NO MORE THAN 48" A.F.F.
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL LIGHTING INFORMATION.
- RECEPTACLES ARE TO BE INSTALLED WITH GROUNDING POLE TO THE TOP OR, IF MOUNTED HORIZONTALLY, TO THE LEFT.
- PROVIDE SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR WITHIN EACH BRANCH CIRCUIT RACEWAY.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS.
- ALL RECEPTACLES NOTED WEATHERPROOF (WP) SHALL BE GFI PROTECTED WITH WEATHERPROOF IN-USE COVER.
- ALL DEVICES AND FIXTURES SHALL BE SPECIFICATION GRADE OR BETTER.
- THE DEMOLITION PLAN IS INTENDED TO CONVEY A GENERAL SCOPE OF WORK. THE CONTRACTOR IS TO REMOVE ALL EQUIPMENT, DEVICES, CONDUIT AND WIRING THAT WOULD BE ABANDONED AT COMPLETION OF PROJECT.
- CONTRACTOR IS TO PROVIDE PANEL NAME AND CIRCUIT NUMBER ON ELECTRICAL EQUIPMENT, DEVICES, ETC. AND UPDATED ELECTRIC PANEL CIRCUIT DIRECTORY AT THE COMPLETION OF THE PROJECT.
- LIGHT FIXTURES NOTED (NI) SHALL BE NIGHT LIGHT FIXTURES AND BE WIRED TO A DEDICATED CIRCUIT AND NOT INCLUDED ON THE SWITCHED LIGHTING CIRCUIT.

ELECTRICAL LEGEND/SCHEDULE

SYM	DESCRIPTION	MFC./NO.	REMARKS
	WALL MOUNTED SPEAKER	-	INTERIOR: BOSCH LBC309G/4 1 BLACK EXTERIOR: POLY PLANER MA4056-G
	SPEAKER	-	INTERIOR: BOSCH LBC309G/4 1 BLACK EXTERIOR: POLY PLANER MA4056-G
	CEILING MOUNTED OCCUPANCY SENSOR	-	-
	SINGLE POLE SWITCH	PASS # SEYMOUR C520AC1	-
	THREE-WAY SWITCH	PASS # SEYMOUR C520AC3	-
	FOUR-WAY SWITCH	PASS # SEYMOUR C520AC4	-
	DIMMER SWITCH	PASS # SEYMOUR CDFB10	-
	OCCUPANCY SENSOR	SENSOR SWITCH WSD-PDT	-
	DUPLX RECEPTACLE	PASS # SEYMOUR P553G2	20A RATING
	GFI RECEPTACLE	PASS # SEYMOUR P52094	20A RATING, 120V
	DUPLX RECEPTACLE	PASS # SEYMOUR P553G2	20A RATING, MOUNT HEIGHT NOTED
	GFI RECEPTACLE	PASS # SEYMOUR P52094	20A RATING, INSTALLED W/ WATER TIGHT HOUSING
	FUSED DISCONNECT	CUTLER-HAMMER/SQAURED	-
	JUNCTION BOX	-	-
	CORD REEL WITH GFI SINGLE PLUG	KH INDUSTRIES	PROVIDE CORD REEL #RTAG3LW-WCL520-J12F
	DATA	-	PROVIDE 3/4" SLEEVE, BACK BOX AND CAT 6 CABLE TO JUNCTION BOX ABOVE. (# = QUANTITY OF DATA DROPS)
	WIRELESS ACCESS POINT	-	PROVIDE 3/4" SLEEVE, BACK BOX AND CAT 6 CABLE TO JUNCTION BOX ABOVE.
	THERMOSTAT	-	-
	CARD/PROXIMITY READER	-	MOUNT AT 3'-6" AFF. PROVIDE CONDUIT # BACK BOX.
	DOOR CONTACT	-	REFER TO DOOR HARDWARE SPECIFICATIONS
	ELECTRIC STRIKE	-	REFER TO DOOR HARDWARE SPECIFICATIONS
	ELECTRONIC LATCH	-	REFER TO DOOR HARDWARE SPECIFICATIONS
	KEY PAD	-	REFER TO DOOR HARDWARE SPECIFICATIONS
	MOTION DETECTOR	-	-
	PUSH BUTTON FOR DOOR OPERATION	-	-
	REQUEST TO EXIST DEVICE	-	-
	COAXIAL CABLE TV OUTLET	-	PROVIDE BOX AND 3/4" CONDUIT TO 6" ABOVE FIN CEILING OR CONCEALED SPACE.
	IP CCTV WEATHER PROOF CAMERA	-	PROVIDE BOX AND 3/4" CONDUIT TO 6" ABOVE FIN CEILING OR CONCEALED SPACE.
	VIDEO CAMERA SURVEILLANCE	-	PROVIDE 3/4" SLEEVE AND BACK BOX AT EXTERIOR WALL LOCATIONS. SELECTED BY OWNER
	360° CAMERA DOME CEILING MOUNT	-	PROVIDE 3/4" SLEEVE AND BACK BOX AT EXTERIOR WALL LOCATIONS. SELECTED BY OWNER
	PATCH PANEL	-	EXTREME SINGLE MODE POE (2) 24 PORT CAT-6 PATCH PANEL
	WALL MOUNT FA AUDIO-VISUAL DEVICE	-	SIMPLEX 4906-9127
	FA PULL STATION	-	SIMPLEX 4099-9001
	FIRE ALARM CONTROL PANEL	-	SIMENS CERBERUS PRO FC922 (OR EQUAL)
	FIRE ALARM ANNUNCIATOR PANEL	-	SIMENS CERBERUS PRO FIRE TERMINAL FT924 (OR EQUAL)
	CLG MOUNT EXIT SIGN	-	NI-CAD W/SELF DIAGNOSTICS. PROVIDE 90 MINUTE BATTERY BACKUP. CONNECT TO NEAREST UNSWITCHED CIRCUIT
	WALL MOUNT EXIT SIGN	-	NI-CAD W/SELF DIAGNOSTICS. PROVIDE 90 MINUTE BATTERY BACKUP. CONNECT TO NEAREST UNSWITCHED CIRCUIT
	HEAT DETECTOR	-	NI-CAD W/SELF DIAGNOSTICS
	SMOKE DETECTOR	-	NI-CAD W/SELF DIAGNOSTICS
	SMOKE/CARBON MONOXIDE DETECTOR	-	NI-CAD W/SELF DIAGNOSTICS
	2 X 4 TROPHYER RECESSED MOUNT	-	SEE LIGHT FIXTURE SCHEDULE
	EXIT SIGN LED WITH DUAL LIGHT HEADS	-	SEE LIGHT FIXTURE SCHEDULE
	RECESSED CAN LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	10" ROUND LED LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	WALL MOUNT EXTERIOR LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	INTERIOR SCONCE LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	WAGON WHEEL LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	TRACK LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	LED ROPE LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	LED TAPE LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	LED PRIZM LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	LED INDUSTRIAL LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	LED EXTERIOR TAPE LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE
	WALL MOUNT LED EMERGENCY LIGHT FIXTURE	-	SEE LIGHT FIXTURE SCHEDULE

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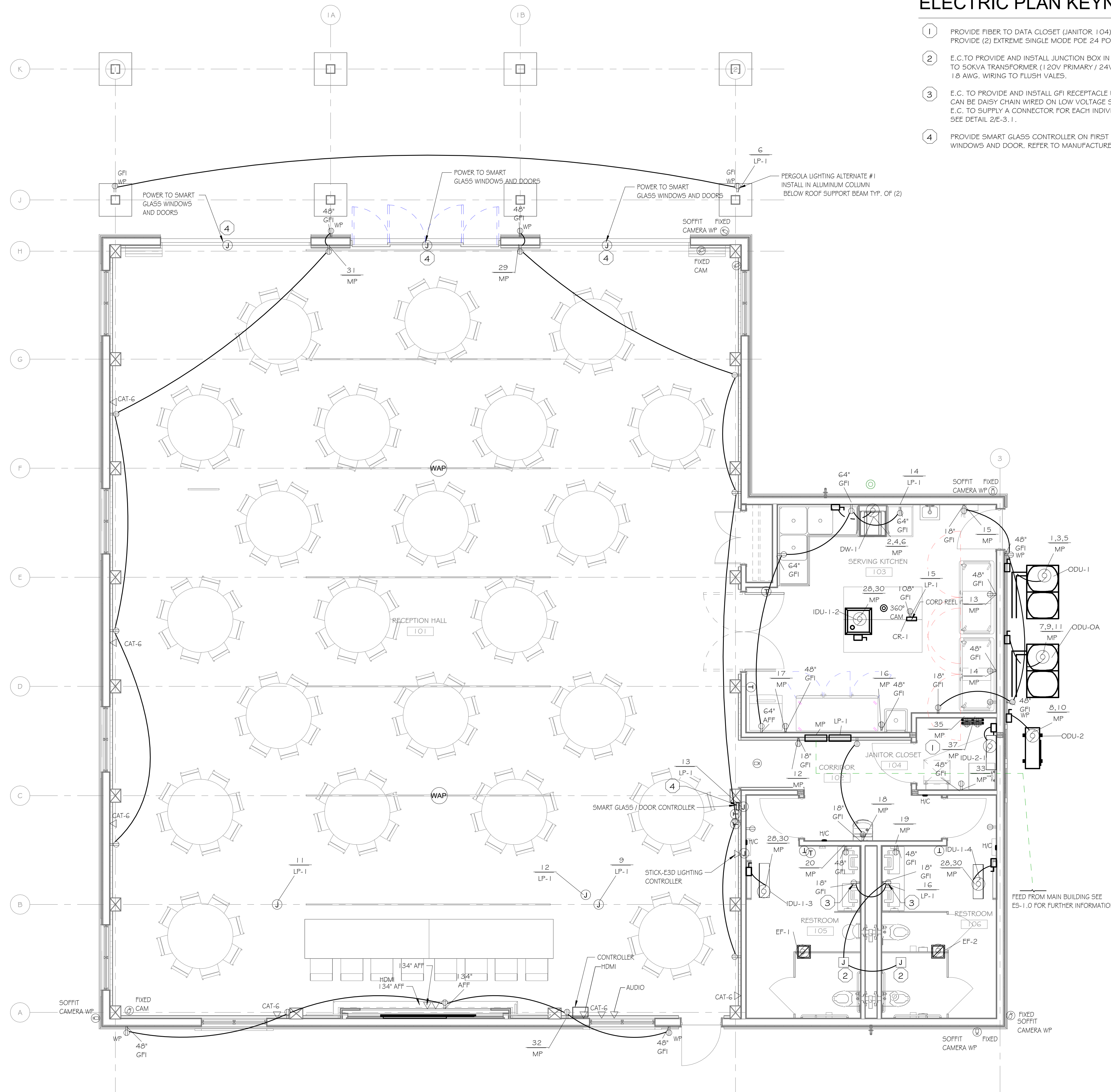
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TITLE OF DRAWING
ELECTRICAL NOTES AND SYMBOLS LEGEND

DRAWING SCALE
AS NOTED
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E-1.0



ELECTRIC PLAN KEYNOTES

- 1 PROVIDE FIBER TO DATA CLOSET (JANITOR 104) FROM EXISTING BOILER ROOM. PROVIDE (2) EXTREME SINGLE MODE POE 24 PORT CAT-6 PATCH PANEL.
- 2 E.C. TO PROVIDE AND INSTALL JUNCTION BOX IN CEILING ABOVE BATHROOM, PROVIDE 120V CIRCUIT TO 50KVA TRANSFORMER (120V PRIMARY / 24V SECONDARY) MOUNTED IN JUNCTION BOX AND 18 AWG. WIRING TO FLUSH VALES.
- 3 E.C. TO PROVIDE AND INSTALL GFI RECEPTACLE UNDER SINK IN LAVATORY FOR FAUCET SENSOR. FAUCETS CAN BE DAISY CHAIN WIRED ON LOW VOLTAGE SIDE OF PLUG ADAPTOR WITH GVDC SUPPLIED WITH UNIT. E.C. TO SUPPLY A CONNECTOR FOR EACH INDIVIDUAL FAUCET SENSOR OF THE DAISY CHAIN. SEE DETAIL 2/E-3.1.
- 4 PROVIDE SMART GLASS CONTROLLER ON FIRST FLOOR. PROVIDE LOW VOLTAGE WIRING TO SMART GLASS WINDOWS AND DOOR. REFER TO MANUFACTURER INSTALLATION INSTRUCTION. SEE DETAIL 3/E-3.1.

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

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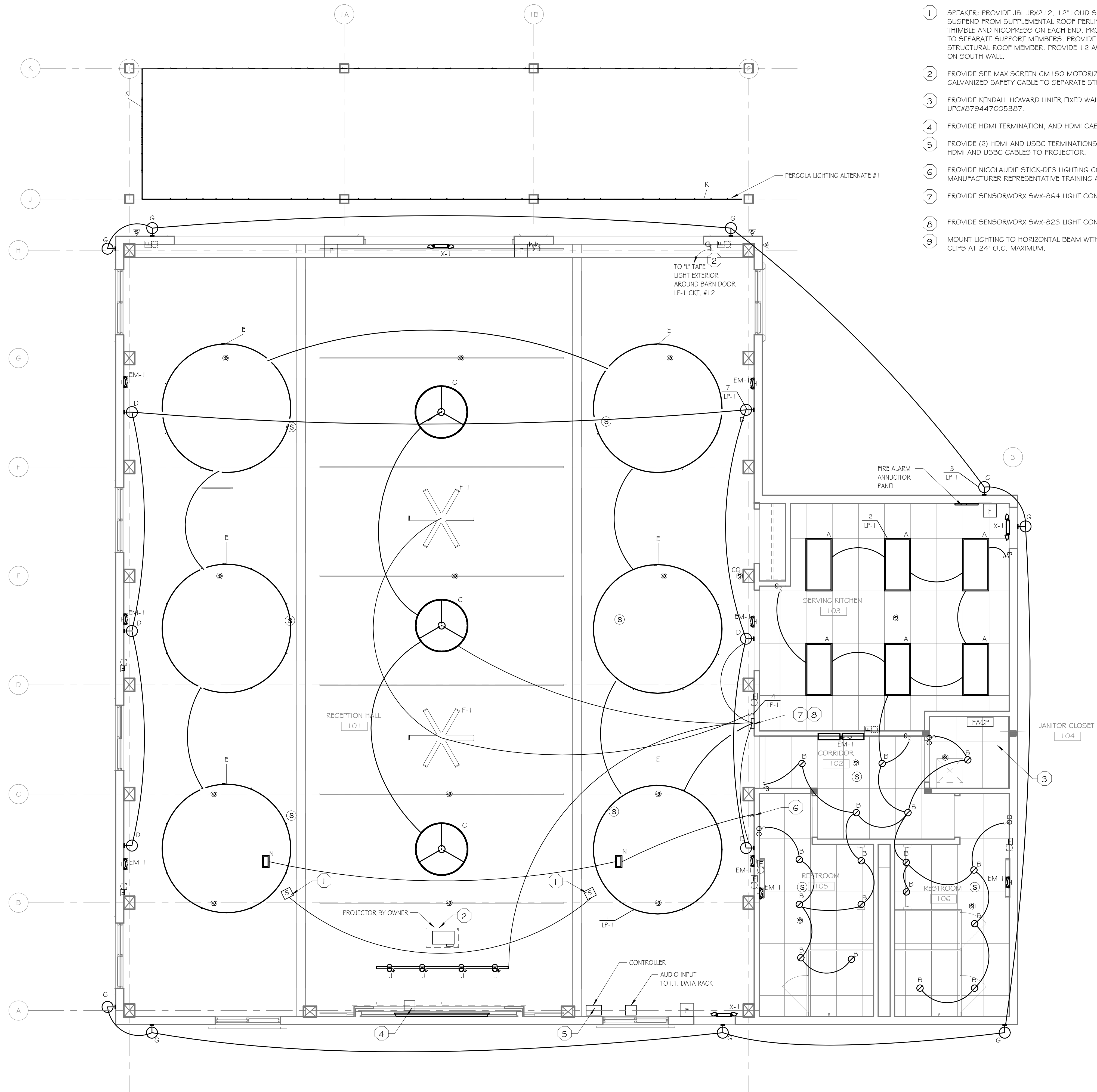
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LIGHTING PLAN KEYNOTES

- 1 SPEAKER: PROVIDE JBL JRX212, 12" LOUD SPEAKER. SUSPEND FROM SUPPLEMENTAL ROOF PERLIN WITH (4) 1/8" AIRCRAFT CABLES, THIMBLE AND NUTPRESS ON EACH END. PROVIDE (1) 3/16" GALVANIZED CABLE TO SEPARATE SUPPORT MEMBERS. PROVIDE 3/8" X 1/2" SCREW EYE BOLTS AT STRUCTURAL ROOF MEMBER. PROVIDE 12 AWG. SPEAKER WIRE TO AUDIO INPUT ON SOUTH WALL.
- 2 PROVIDE SEE MAX SCREEN CM150 MOTORIZED PROJECTOR LIFT. PROVIDE 3/16" GALVANIZED SAFETY CABLE TO SEPARATE STRUCTURAL FRAMING.
- 3 PROVIDE KENDALL HOWARD LINIER FIXED WALL MOUNT I.T. CABINET OR EQUAL. UPC#879447005367.
- 4 PROVIDE HDMI TERMINATION, AND HDMI CABLE TO BACK BOX AT CONTROLLER.
- 5 PROVIDE (2) HDMI AND USB-C TERMINATIONS IN 6" X 6" BACK BOX. PROVIDE HDMI AND USB-C CABLES TO PROJECTOR.
- 6 PROVIDE NICOLAUDIE STICK-DE3 LIGHTING CONTROL KEYPAD. PROVIDE TWO HOURS MANUFACTURER REPRESENTATIVE TRAINING AND PROGRAMMING.
- 7 PROVIDE SENSORWORX SWX-864 LIGHT CONTROL.
- 8 PROVIDE SENSORWORX SWX-823 LIGHT CONTROL.
- 9 MOUNT LIGHTING TO HORIZONTAL BEAM WITH SKYWALKER FLEXIBLE CABLE SCREW CLIPS AT 24" O.C. MAXIMUM.

1 FIRST FLOOR LIGHTING & FIRE ALARM PLAN
1/4" = 1'-0"

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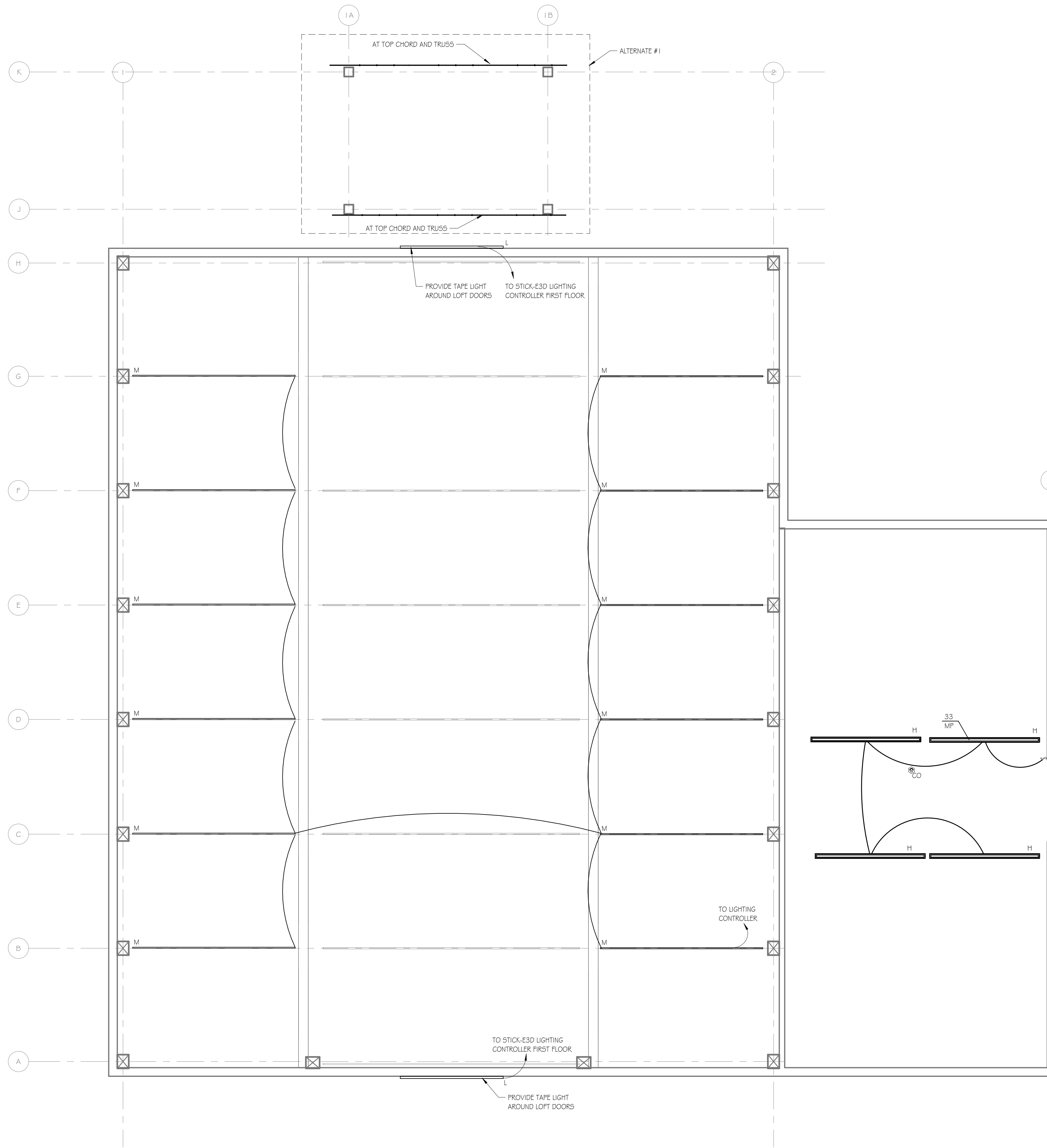
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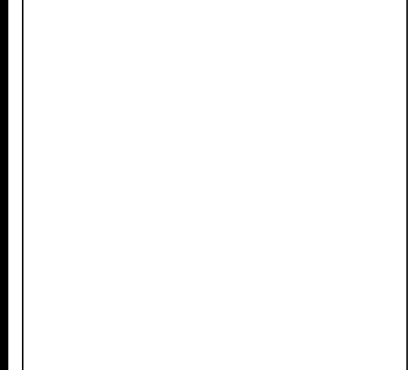
1 ATTIC LIGHTING & FIRE ALARM PLAN
1/4" = 1'-0"

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TITLE OF DRAWING
ATTIC LIGHTING PLAN

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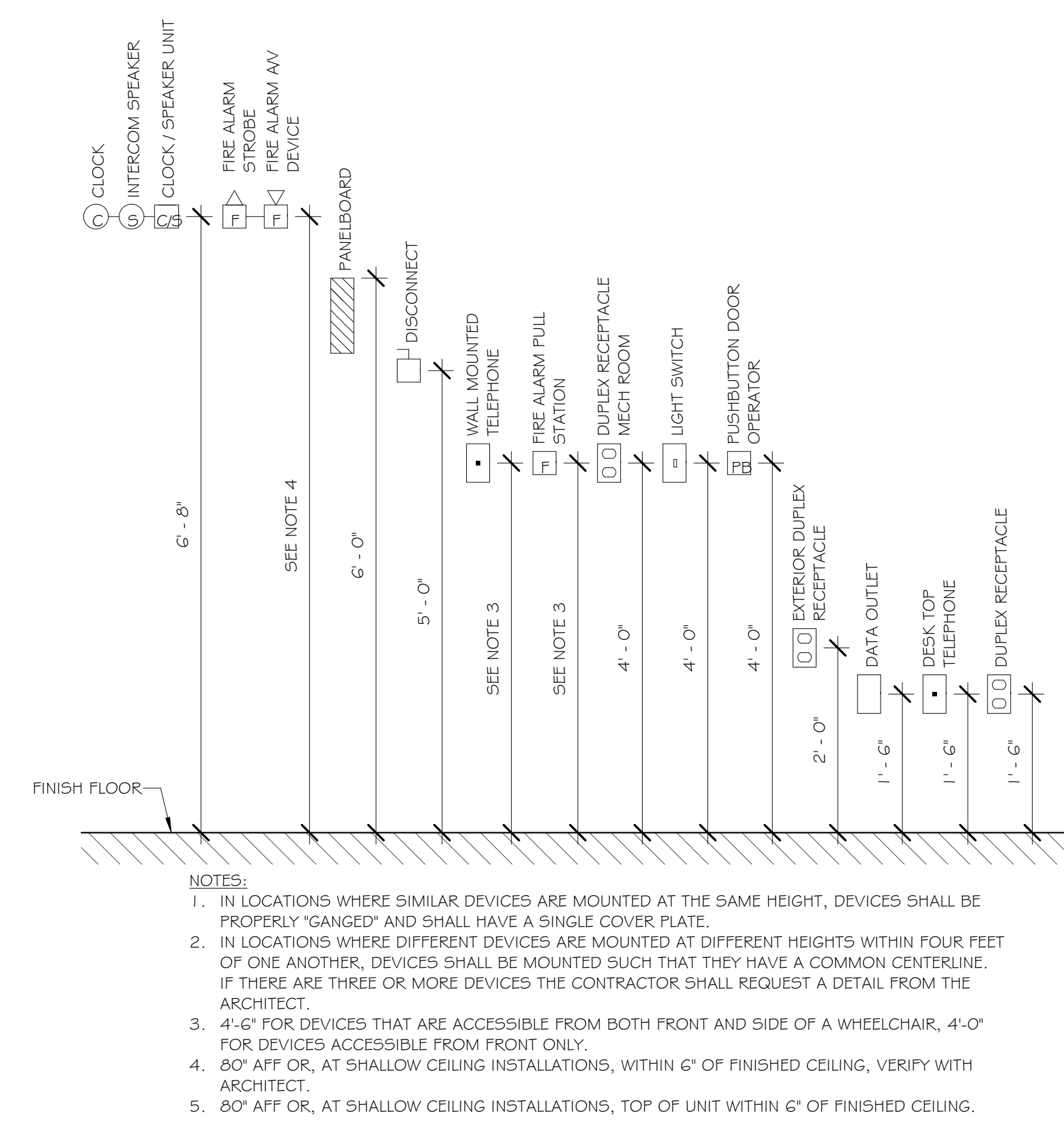
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WIRE AND CONDUIT CHART

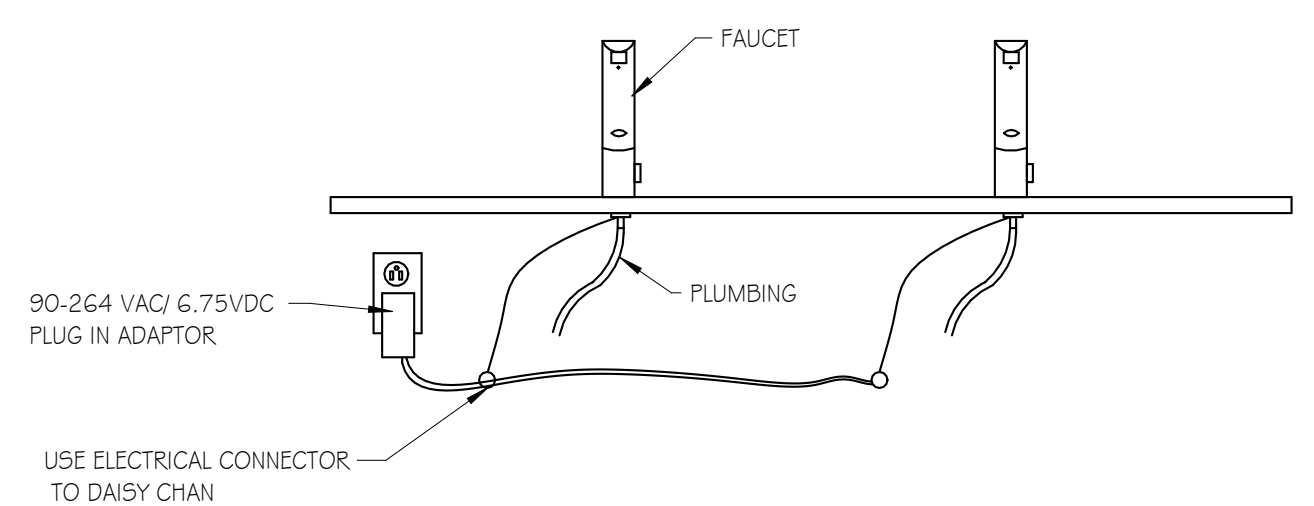
1.) (ALL WIRING AND CABLE SHALL BE INSTALLED PER CHART UNLESS SPECIFIED OTHERWISE) IF THERE IS A AMPACITY AND POLE NOT LISTED THE CONTRACTOR IS RESPONSIBLE TO CONTACT ENGINEER DURING BIDDING FOR INFORMATION.
 2.) ALL WIRING ABOVE CEILING SPACE OR IN AN EXPOSED AREA TO BE IN CONDUIT OR A METAL SHEATHED CABLE. WIRING CONCEALED WITHIN WOOD FRAMING CAN BE ROMEX WIRING.

CIRCUIT	WIRE AND CONDUIT
1P 20A	2-#12 THHN CU, 1-#12 THHN CU GND 3/4" CONDUIT
1P 30A	2-#10 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
2P 20A	3-#12 THHN CU, 1-#12 THHN CU GND 3/4" CONDUIT
2P 30A	3-#10 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
2P 40A	3-#8 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
2P 50A	3-#8 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
3P 20A	4-#12 THHN CU, 1-#12 THHN CU GND 3/4" CONDUIT
3P 30A	4-#10 THHN CU, 1-#10 THHN CU GND 3/4" CONDUIT
3P 40A	4-#8 THHN CU, 1-#10 THHN CU GND 1" CONDUIT
3P 50A	4-#8 THHN CU, 1-#10 THHN CU GND 1" CONDUIT
3P 60A	4-#6 THHN CU, 1-#10 THHN CU GND 1" CONDUIT
3P 80A	4-#3 THHN CU, 1-#8 THHN CU GND 1-1/4" CONDUIT
3P 100A	4-#3 THHN CU, 1-#8 THHN CU GND 1-1/2" CONDUIT
3P 200A	4-3/0 THHN CU, 1-#6 THHN CU GND 2-1/2" CONDUIT
3P 225A	4-4/0 THHN CU, 1-#6 THHN CU GND 2-1/2" CONDUIT

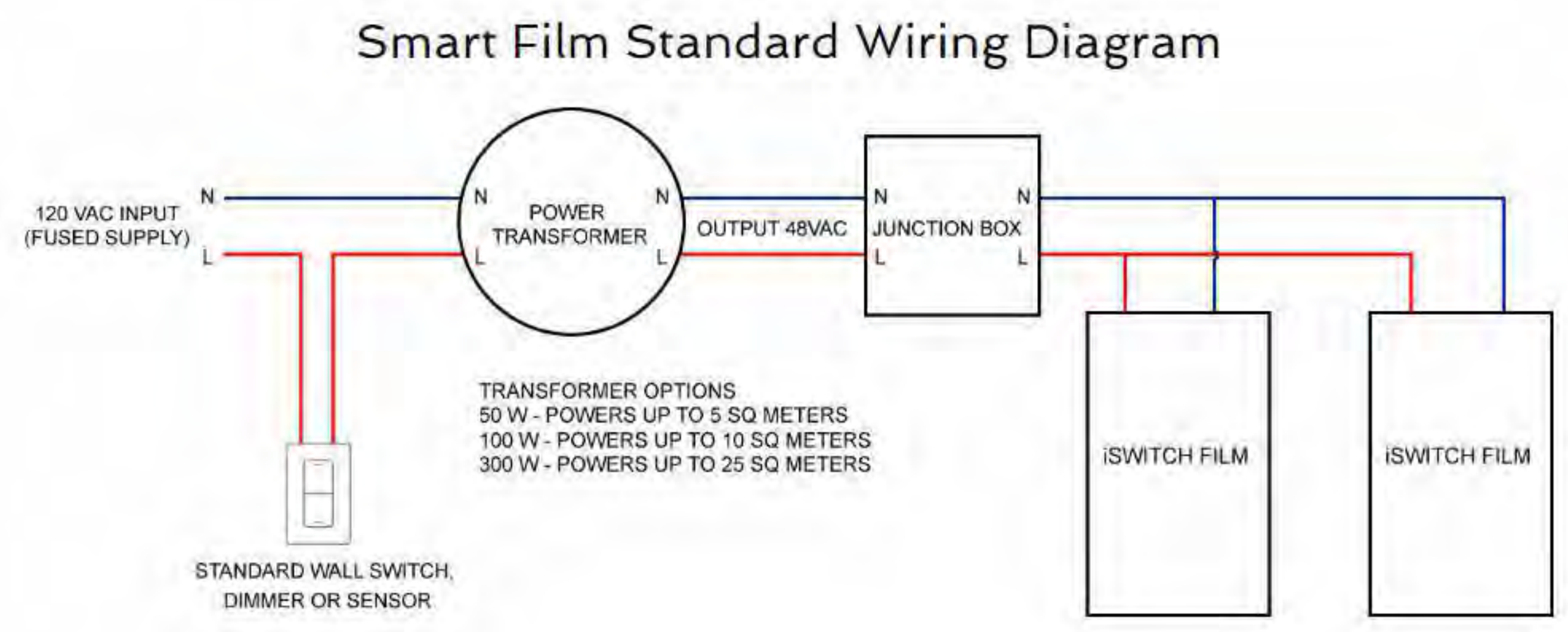
4 WIRE & CONDUIT CHART
N.T.S.



3 TYPICAL DEVICE MOUNTING ELEVATIONS
N.T.S.



2 FAUCET WIRING DETAIL
N.T.S.



1 SMART GLASS CONTROLLER WIRING DIAGRAM
N.T.S.

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TITLE OF DRAWING
 ELECTRICAL DETAIL

DRAWING SCALE
 AS NOTED
 ISSUE DATE:
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 23-111
 DRAWING NO.

ELECTRICAL EQUIPMENT SCHEDULE

TYPE	DESCRIPTION	VOLTAGE	LOAD	PHASE	BREAKER SIZE	PANEL	CIRCUIT NUMBER	WIRE SIZE	DISCONNECT/CONTROL TYPE	COMMENTS
AHU-1	AIR HANDLING UNIT	208V	4.8A	1PH	20A/2P	MP	21,23	2 #12, 1 #12 G. IN 3/4" C.	30A	PROVIDE DISCONNECT AT/NEAR UNIT.
AHU-OA	AIR HANDLING UNIT	208V	4.8A	1PH	20A/2P	MP	22,24	2 #12, 1 #12 G. IN 3/4" C.	30A	PROVIDE DISCONNECT AT/NEAR UNIT.
CB-1	COMBINATION BOILER	120V	5A	1PH	20A/1P	MP	26	2 #12, 1 #12 G. IN 3/4" C.	30A FUSED DISCONNECT	SEE MANUFACTURER'S REQUIREMENT FOR ELECTRICAL CONNECTION, FUSE SIZE AND FUSE TYPE
CR-1	CORD REEL	120V	16A	1PH	20A/1P	LP-1	15	2 #12, 1 #12 G. IN 3/4" C.	NA	PROVIDE RECEPTACLE AT CEILING TO PLUG IN CORD REEL.
DW-1	DISHWASHER	208V	46.8A	3PH	50A/3P	MP	2,4,6	3 #8, 1 #8G IN 3/4" C.	60A NEMA 3R	PROVIDE DISCONNECT AT/NEAR UNIT.
EF-1	BATHROOM EXHAUST FAN	120V	14W	1PH	20A/1P	LP-1	2	2 #12, 1 #12 G. IN 3/4" C.	CONNECT TO LIGHT SWITCH IN BATHROOM	
EF-2	BATHROOM EXHAUST FAN	120V	14W	1PH	20A/1P	LP-1	2	2 #12, 1 #12 G. IN 3/4" C.	CONNECT TO LIGHT SWITCH IN BATHROOM	
EF-3	IN-LINE EXHAUST FAN	120V	14A	1PH	20A/1P	MP	25	2 #12, 1 #12 G. IN 3/4" C.	30A	PROVIDE DISCONNECT AT/NEAR UNIT.
IDU-1-2	HVAC INDOOR UNIT	208V	29A	1PH	20A/2P	MP	28,30	2 #12, 1 #12 G. IN 3/4" C.	30A	PROVIDE DISCONNECT AT/NEAR UNIT.
IDU-1-3	HVAC INDOOR UNIT	208V	25A	1PH	20A/2P	MP	28,30	2 #12, 1 #12 G. IN 3/4" C.	30A	PROVIDE DISCONNECT AT/NEAR UNIT.
IDU-1-4	HVAC INDOOR UNIT	208V	25A	1PH	20A/2P	MP	28,30	2 #12, 1 #12 G. IN 3/4" C.	30A	PROVIDE DISCONNECT AT/NEAR UNIT.
IDU-2-1	HVAC INDOOR UNIT	208V	8.2A	1PH	20A/2P	MP		2 #12, 1 #12 G. IN 3/4" C.	30A	POWERED BY OUTDOOR UNIT. PROVIDE DISCONNECT AT/NEAR UNIT.
ODU-1	HVAC OUTDOOR UNIT	208V	40A	3PH	60A/3P	MP	1,3,5	3 #8, 1 #8G IN 3/4" C.	60A	PROVIDE DISCONNECT AT/NEAR UNIT.
ODU-2	HVAC OUTDOOR UNIT	208V	11A	1PH	30A/2P	MP	8,10	2 #10, 1 #10 G. IN 3/4" C.	30A	PROVIDE DISCONNECT AT/NEAR UNIT.
ODU-OA	HVAC OUTDOOR UNIT	208V	31.0A	3PH	45A/3P	MP	7,9,11	3 #8, 1 #8G IN 3/4" C.	60A	PROVIDE DISCONNECT AT/NEAR UNIT.

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	MODEL	LAMP	COMMENTS
A	2X4 TROPHER	RAB LIGHTING	#5W5H-2X4-39W-NMV5	LED	
B	RECESSED CAN	LITHONIA LIGHTING	HALO #HCG20D010-HMG0525835-G1WDH	LED	
C	BODIAM 48 SUSPENSION	VISUAL COMFORT & CO.	#F3933/20WQWAF	LED	MOUNT BOTTOM OF FIXTURE 1'5" O"
D	WALL SCONCE	COLBY LIGHTING	#BLE-W-CBY-10G-LED1G-4000K-FL-NA	LED	
E	ROUND LED LIGHT FIXTURE	EUREKA LIGHTING	4850-120-BLK-HO	LED	MOUNT BOTTOM OF FIXTURE 1'2" O"
EM-1	WALL MOUNT EMERGENCY LIGHT	ACUITY BRAND LIGHTING	ELM2-LED	LED	
F-1	BIG ASS FAN	BIGASSFANS	MK-1G1-05	LED	PROVIDE BIGASS FAN SWITCHING CONTROLS. PROVIDE 5'-0" MIN. PENDANT ROD.
G	EXTERIOR WALL SCONCE	CAMMAN LIGHTING	#OW360-20-40K-1-WA-P5B-REM	LED	MOUNT POWER SUPPLY IN CONCEALED LOCATION.
H	INDUSTRIAL 8' LED LIGHT FIXTURE	LITHONIA LIGHTING	C55-L96-ALO4-MVOLT-40K-80CRI-IE10WCPHE	LED	C55-L96-ALO4-MVOLT-40K-80CRI-IE10WCPHE (PROVIDE WITH EMERGENCY LIGHT)
J	HALO POWER TRAC	COOPER LIGHTING	L8155ML-10-WW-940-MB	LED	STASIS
K	BULB STRING LIGHTS	AMERICAN LIGHTING	5PEKTRUM	LED	PERGOLA LIGHTING ALTERNATE #1. ATTACH WITH SKYWALKER FLEXIBLE CABLE SCREW OR EQUAL.
L	EXTERIOR STRIP LIGHT	FLEXIFIRE LED	#IP65-UB-ATI-40K95C-24V	LED	PROVIDE POWER SUPPLY CAEMINI CLEAR COVER WITH ENDS AND CONNECTORS PERIMETER OF LOFT DOORS EXTERIOR.
M	INTERIOR TAPE LIGHT	NEWTON LIGHTING ENTERPRISES	#NLE-5050X#CN4-24	LED	MOUNT TO TOP OF TRUSS MEMBERS.
N	RGBW LIGHTING	PRIZM LIGHTING	PRZM #PZM-RFLKT-UNV-WDMX-RGBW-1 2-BK	LED	PROVIDE SENIK REFLEKT WIRELESS CONTROL.
X-1	DUAL HEAD EXIT/EMERGENCY LIGHT	ACUITY BRAND LIGHTING	LHQM-LED-R-HO-MG	LED	

NOTES:
1. ALL SUSPENDED FIXTURES SHALL UTILIZE TIE WIRE SUSPENSION ANCHORS OR EQUAL.

BRANCH PANEL

LOCATION:	CORRIDOR 102	VOLTS:	120/208 Wye	A.I.C. RATING:	
SUPPLY FROM:	MP	PHASE:	3	MAINS TYPE:	MCB
MOUNTING:	Recessed	WIRES:	4	MAINS RATING:	200 A
ENCLOSURE:	Type 1			MCB RATING:	200 A

Circ...	Load Name	Rating	Numb...	A	B	C	Numb...	Rating	Load Name	Circ...
1	HALL LIGHTING	20 A	1				1	20 A	BATHROOMS / HALL LIGHTS	2
3	EXTERIOR LIGHTS	20 A	1				1	20 A	BIG ASS FANS	4
5	EMERGENCT / EXIT LIGHTS	20 A	1				1	20 A	PERGOLA RECPT./LGHTS ALATERNA...	6
7	HALL LIGHTING	20 A	1				1	20 A	SITE LIGHTING (BOLLARDS)	8
9	SPEAKER POWER	20 A	1				1	20 A	POLE LIGHTS	10
11	SPEAKER POWER	20 A	1				1	20 A	SOUND SYSTEM	12
13	SMART GLASS CONTROLLER	20 A	1				1	20 A	KITCHEN RECEPTACLES	14
15	KITCHEN CORD REEL GFI RECEPTACLE	20 A	1				1	20 A	UNDER SINK GFI RECEPT./J-BOX...	16
17							1	20 A	LOFT DOOR RECEPTACLES	18
19										20
21										22
23										24
25										26
27										28
29										30
31										32
33										34
35										36
37										38
39										40
41										42

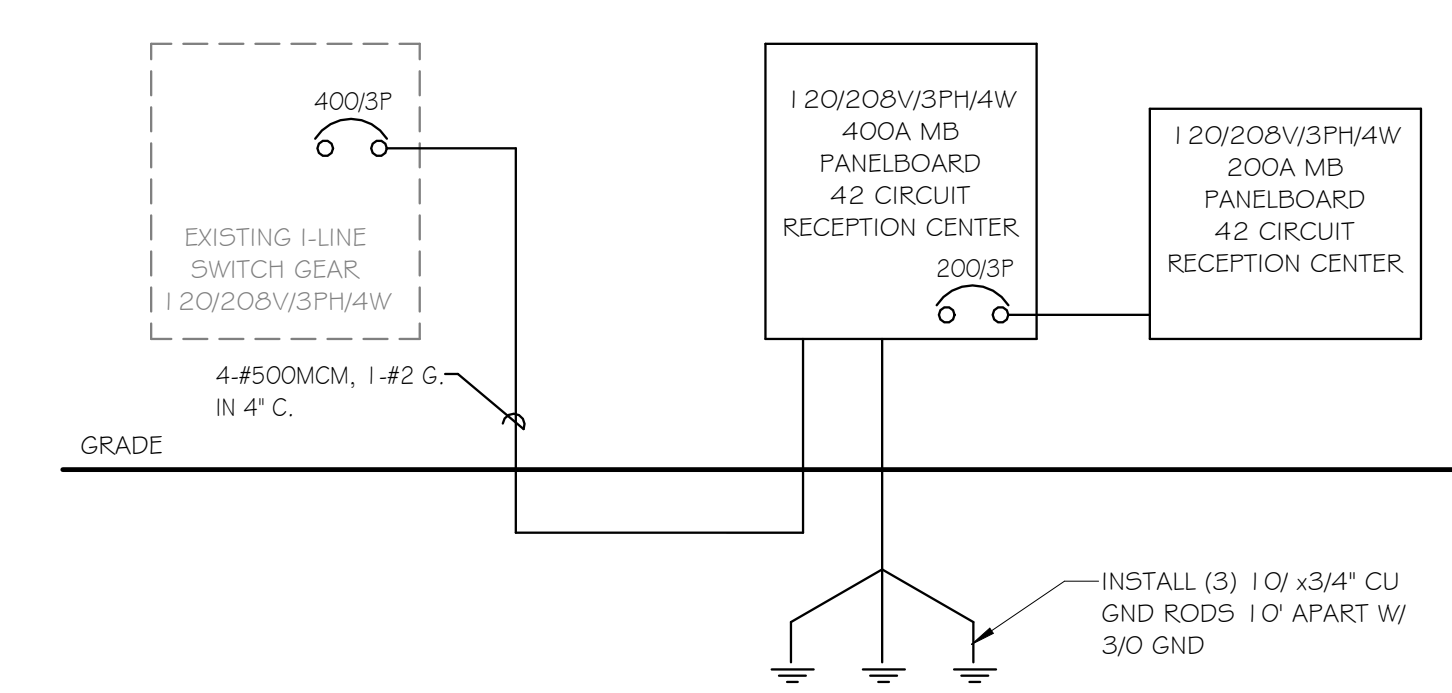
Load Classification										

BRANCH PANEL

LOCATION:	CORRIDOR 102	VOLTS:	120/208 Wye	A.I.C. RATING:	
SUPPLY FROM:	MP	PHASE:	3	MAINS TYPE:	MCB
MOUNTING:	Recessed	WIRES:	4	MAINS RATING:	400 A
ENCLOSURE:	Type 1			MCB RATING:	400 A

Circ...	Load Name	Rating	Numb...	A	B	C	Numb...	Rating	Load Name	Circ...
1	OUTDOOR HVAC UNIT (ODU-1)	60 A	3				3	50 A	DISHWASHER	2
3										4
5										6
7	OUTDOOR HVAC UNIT (ODU-OA)	45 A	3				2	30 A	OUTDOOR HVAC UNIT (ODU-2-1)	8
9										10
11							1	20 A	RECEPTACLES AT PANEL	12
13	KITCHEN WARMER RECEPTACLE	20 A	1				1	20 A	KITCHEN WARMER RECEPTACLE	14
15	KITCHEN/OUTDOOR RECEPTACLE	20 A	1				1	20 A	KITCHEN FRIDGE RECEPTACLE	16
17	KITCHEN ICE MAKER	20 A	1				1	20 A	DRINKING FOUNTAIN HALLWAY...	18
19	RESTROOM 106	20 A	1				1	20 A	RESTROOM 105	20
21	AIR HANDLER (AHU-1)	20 A	2				2	20 A	AIR HANDLER (AHU-OA)	22
23										24
25	EF-3	20 A	1				1	20 A	BIOLER (B-1)	26
27	MEZZANINE RECEPTACLES	20 A	1				2	20 A	IDU-1-2, IDU-1-3, IDU-1-4	28
29	HALL RECEPTACLES	20 A	1							30
31	HALL RECEPTACLES	20 A	1				1	20 A	HALL /EXTERIOR RECEPTACLES	32
33	JANITOR ROOM RECEPTACLE	20 A	1				3	200 A	LP-1 (PANEL)	34
35	RECEPTACLES POE	20 A	1							36
37	RECEPTACLES POE	20 A	1							38
39										40
41										42

Load Classification										



1 N.T.S. POWER ONE LINE DIAGRAM

DATE	ISSUED / REVISIONS

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PROJECT
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TITLE OF DRAWING
 POWER ONE-LINE AND PANEL SCHEDULES

DRAWING SCALE
 AS NOTED
 ISSUE DATE:
 04/15/2024
 PROJECT NO.
 23-111
 DRAWING NO.

E-4.1

