

DESIGN LOAD DATA TABLE		
FOUNDATION	ASSUMED (PSF)	1500
FLOOR LIVE LOAD	UNIFORMLY DISTRIBUTED (PSF)- ATTIC W/OUT STORAGE/ALL OTHER	10/40
	CONCENTRATED (LBS)	-
	IMPACT	-
	REDUCTION	-
ROOF LIVE LOAD	(PSF)	20.0
ROOF SNOW LOAD	GROUND SNOW LOAD (Pg)	20
	FLAT-ROOF SNOW LOAD (Pf)	-
	SNOW EXPOSURE FACTOR (Ce)	1.0
	SNOW LOAD IMPORTANCE FACTOR (Is)	1.0
	THERMAL FACTOR (Ci)	1.0
WIND LOAD	BASIC WIND SPEED (MPH)	115
	WIND IMPORTANCE FACTOR (I)	1.0
	BUILDING CATEGORY	I
	WIND EXPOSURE	B
	INTERNAL PRESSURE COEFFICIENT	0.18
	COMPONENTS AND CLADDING DESIGN WIND PRESSURE (PSF)	23.2
EARTHQUAKE DESIGN DATA	Lebanon, OH 45036, USA Latitude, Longitude: 39.453373, -84.202922	
	Date	6/25/2025, 12:25:24 PM
	Design Code Reference Document	ASCE7-22
	Risk Category	II
	Site Class	Default
	Type	Value Description (Data)
	S _S	0.2 The MCE _s spectral response acceleration at 0.2 seconds for Site Class BC, in units of g.
	S ₁	0.082 The MCE _s spectral response acceleration at 1 second for Site Class BC, in units of g.
	S _{MSS}	0.25 S _{MSS} = 1.5 x S _{D5} , the Risk-Targeted Maximum Considered Earthquake (MCE _s) spectral response acceleration for short periods (of the two-period spectrum) and the user-specified Site Class.
	S _{M1}	0.17 S _{M1} = 1.5 x S _{D1} , the MCE _s spectral response acceleration for 1 second (of the two-period spectrum) and the user-specified Site Class.
	S _{D5}	0.17 The design spectral response acceleration for short periods (of the two-period spectrum) and the user-specified Site Class, in units of g.
	S _{D1}	0.12 The design spectral response acceleration for 1 second (of the two-period spectrum) and the user-specified Site Class, in units of g.
	Type	Value Description (Data Contd.)
	SDC	B Seismic design category
	PGA _M	0.11 PGA _M , the Geometric-Mean Maximum Considered Earthquake (MCE ₀) peak ground acceleration for the user-specified Site Class, in units of g.
	T _S	0.688 T _S = S _{D1} /S _{D5} , in seconds, for construction of the two-period design spectrum
	T ₀	0.138 T ₀ = 0.2 x T _S , in seconds, for construction of the two-period design response spectrum
	T _L	12 T _L , the long-period transition period, in seconds, for construction of the two-period design response spectrum
	Type	Value Description (Underlying Data and Metadata)
	PGA _{0.1h}	See underlying data for Site Classes C, CD, and D Probabilistic uniform-hazard (2%-in-50-years), geometric-mean peak ground acceleration, in units of g.
	PGA _{0.4h}	See underlying data for Site Classes C, CD, and D Deterministic 84th-percentile, geometric-mean peak ground acceleration (without deterministic lower limit), in units of g.
	V _{S30}	260 The shear-wave velocity used for the user-specified Site Class, in units of m/s
	Spatial Interpolation Method	linearloglinear Identifier for spatial interpolation method used to obtain values for location of interest from underlying gridded values: "linearloglinear" for bilinear of natural logarithm of values.
	PGA _{100yr}	Deterministic lower limit peak ground acceleration (PGA ₀) for the user-specified Site Class, in units of g.
	riskTargetedSpectrum	Probabilistic risk-targeted, maximum direction response spectrum (for 1%-in-50-years collapse risk)
	eightyFourthSpectrum	Deterministic 84 th -percentile, maximum-direction response spectrum (without deterministic lower limit)

GENERAL BUILDING DATA TABLE	
USE GROUP	B
CONSTRUCTION TYPE	5B
AREA	320
OCCUPANT LOAD	22

APPLICABLE CODES

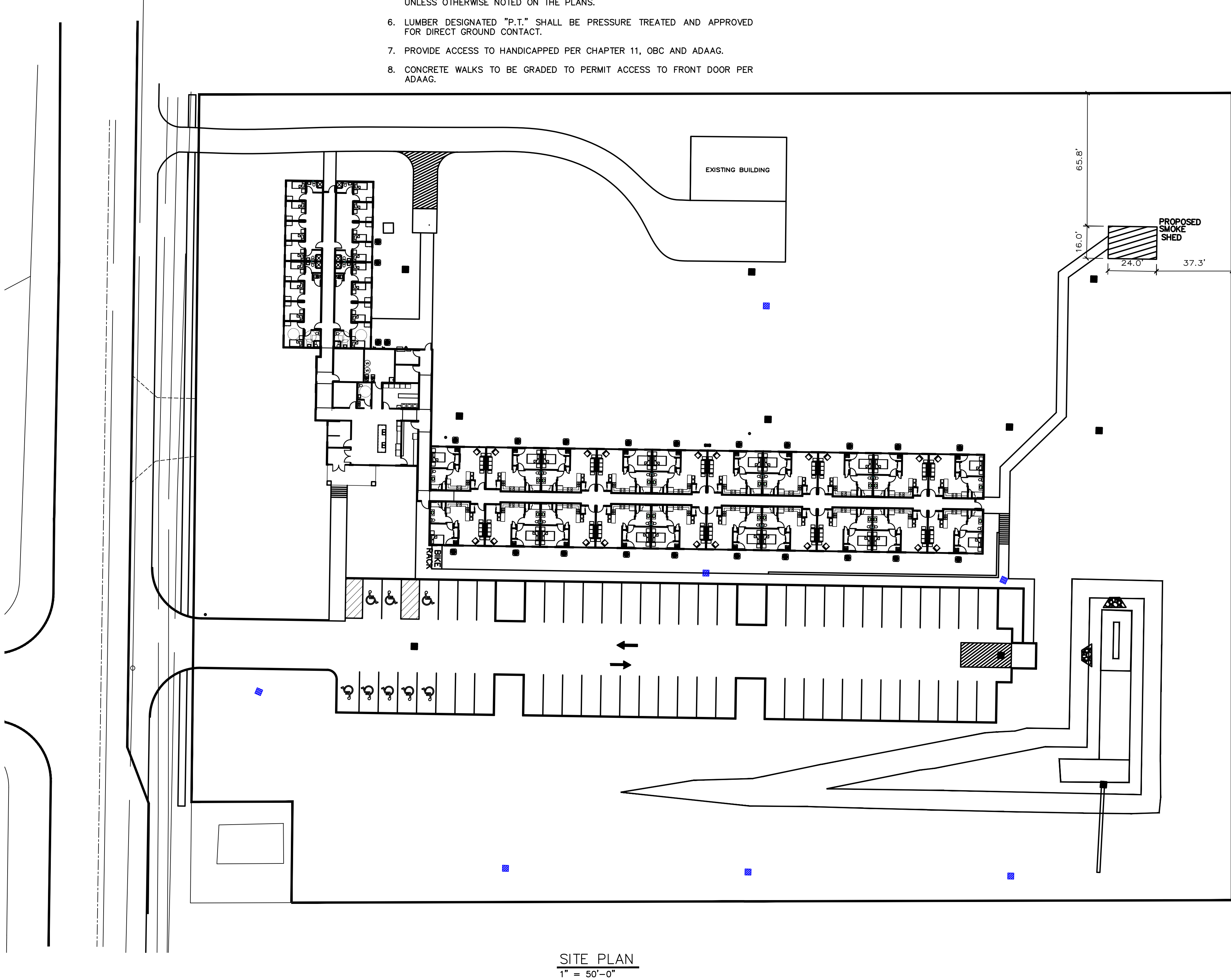
2024 OHIO BUILDING CODE
2024 OHIO MECHANICAL CODE
2024 OHIO PLUMBING CODE
2017 OHIO ENERGY CODE
2017 OHIO FIRE CODE
2009 ICC A117.1 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (SAFE HARBOR)

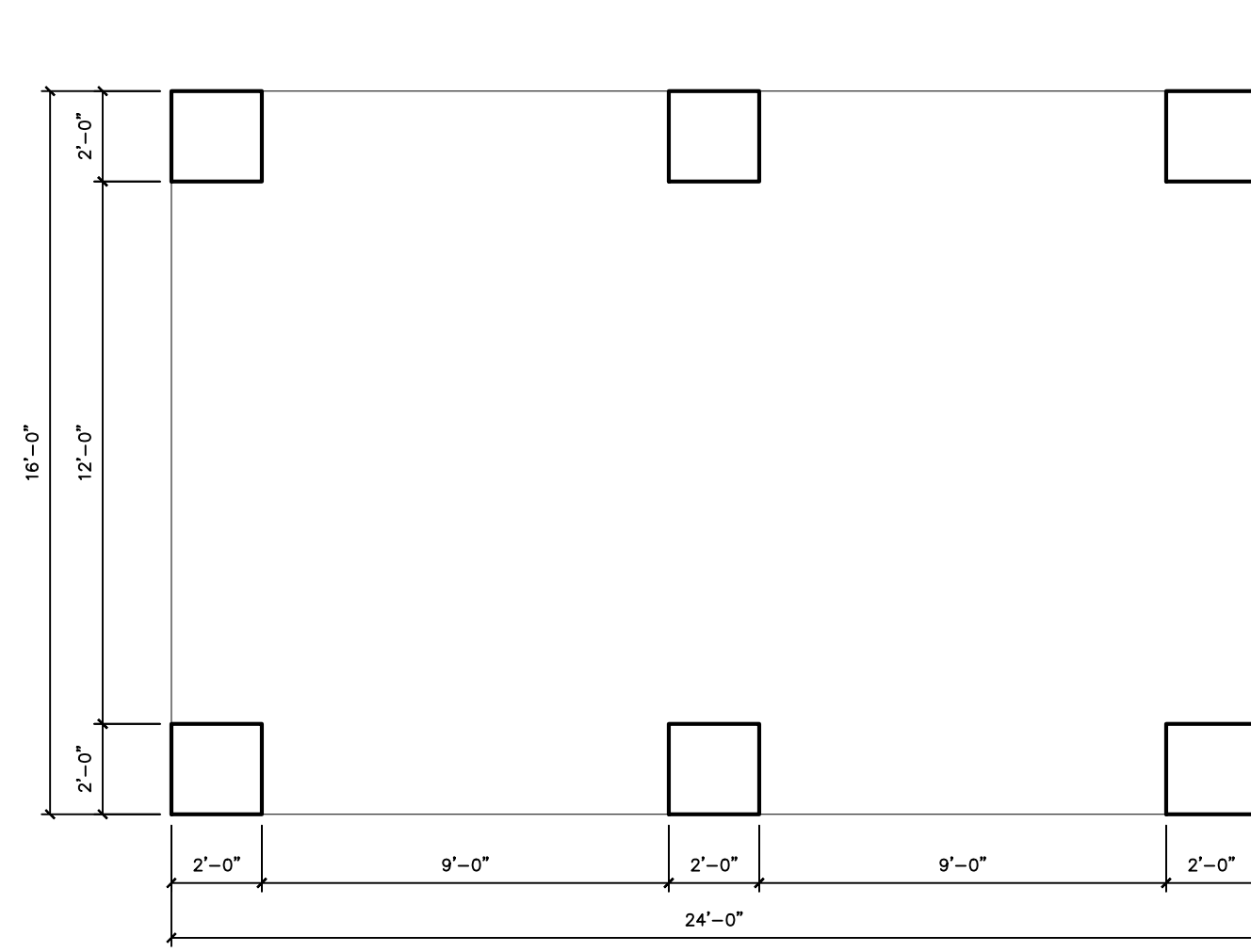
GENERAL NOTES AND SPECIFICATIONS

- THESE DOCUMENTS DO NOT INCLUDE THE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. SAFETY, CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION, COMPLIANCE WITH STATE AND FEDERAL REGULATIONS REGARDING SAFETY IS, AND SHALL BE, THE CONTRACTOR'S RESPONSIBILITY.
- THESE PLANS ARE INTENDED TO DELINEATE THE CONSTRUCTION DETAILS AS REGULATED BY THE OHIO BUILDING CODE. ARCHITECTURAL DETAILS AND CONSTRUCTION MATERIAL SPECIFICATIONS NOT REGULATED BY THE BUILDING CODE ARE NOT NECESSARILY INCLUDED IN THESE DRAWINGS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ANY SUCH DETAILS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SHOP DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND IS RESPONSIBLE TO COORDINATE SPACE AVAILABILITY FOR THE VARIOUS COMPONENTS INDICATED ON THESE DRAWINGS.
- ALL LUMBER TO BE CONSTRUCTION GRADE SPF OR BETTER, UNLESS OTHERWISE SPECIFIED.
- ALL LUMBER CONNECTIONS AND GYPSUM WALLBOARD CONNECTIONS SHALL BE MADE IN CONFORMANCE WITH TABLE 2304.10.1 OBC, "FASTENING SCHEDULE" UNLESS OTHERWISE NOTED ON THE PLANS.
- LUMBER DESIGNATED "P.T." SHALL BE PRESSURE TREATED AND APPROVED FOR DIRECT GROUND CONTACT.
- PROVIDE ACCESS TO HANDICAPPED PER CHAPTER 11, OBC AND ADAAG.
- CONCRETE WALKS TO BE GRADED TO PERMIT ACCESS TO FRONT DOOR PER ADAAG.

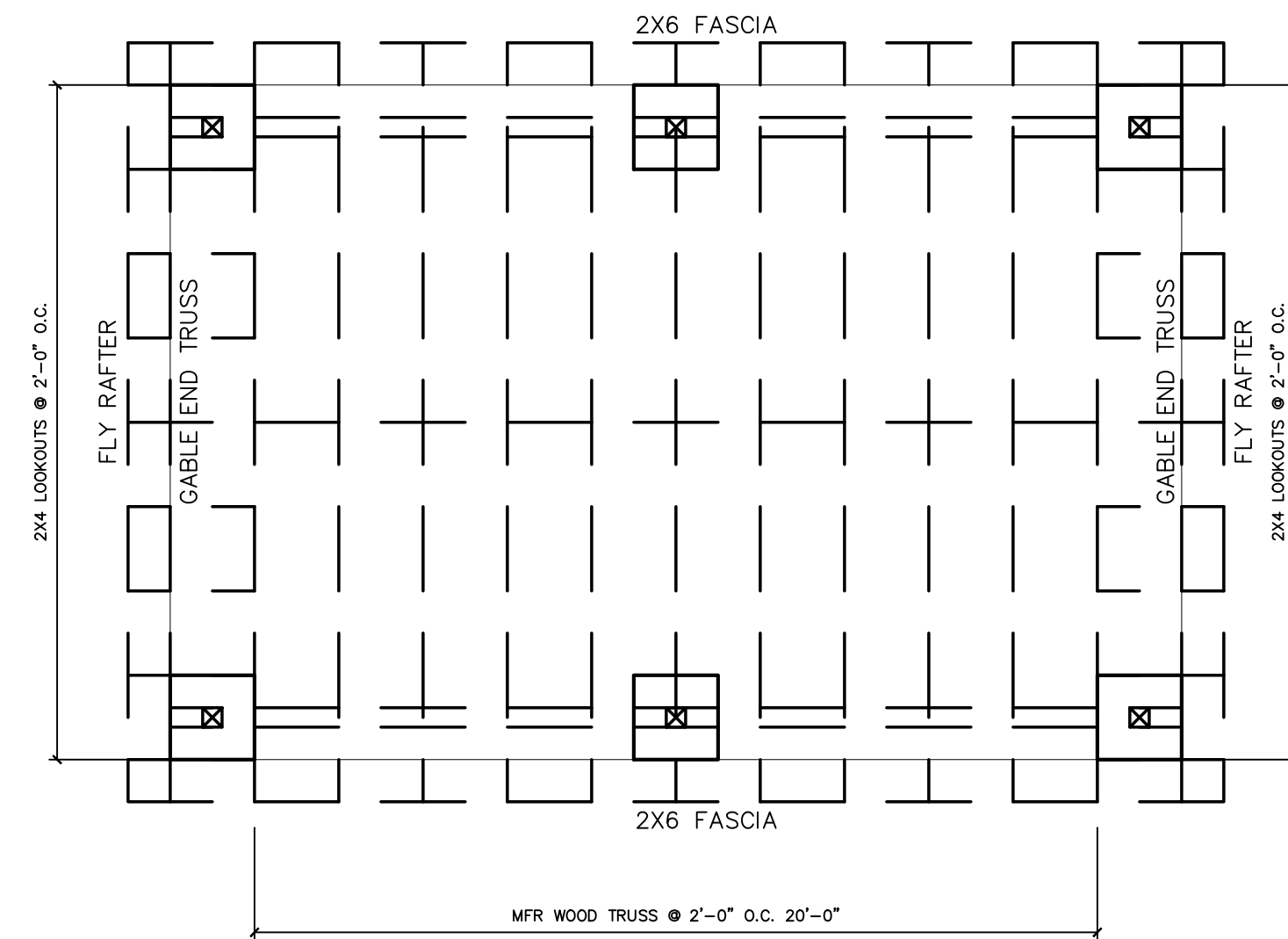
PROJECT SCOPE

CONSTRUCTION OF NEW 16 X 24 SMOKING SHED FOR APARTMENT BUILDING

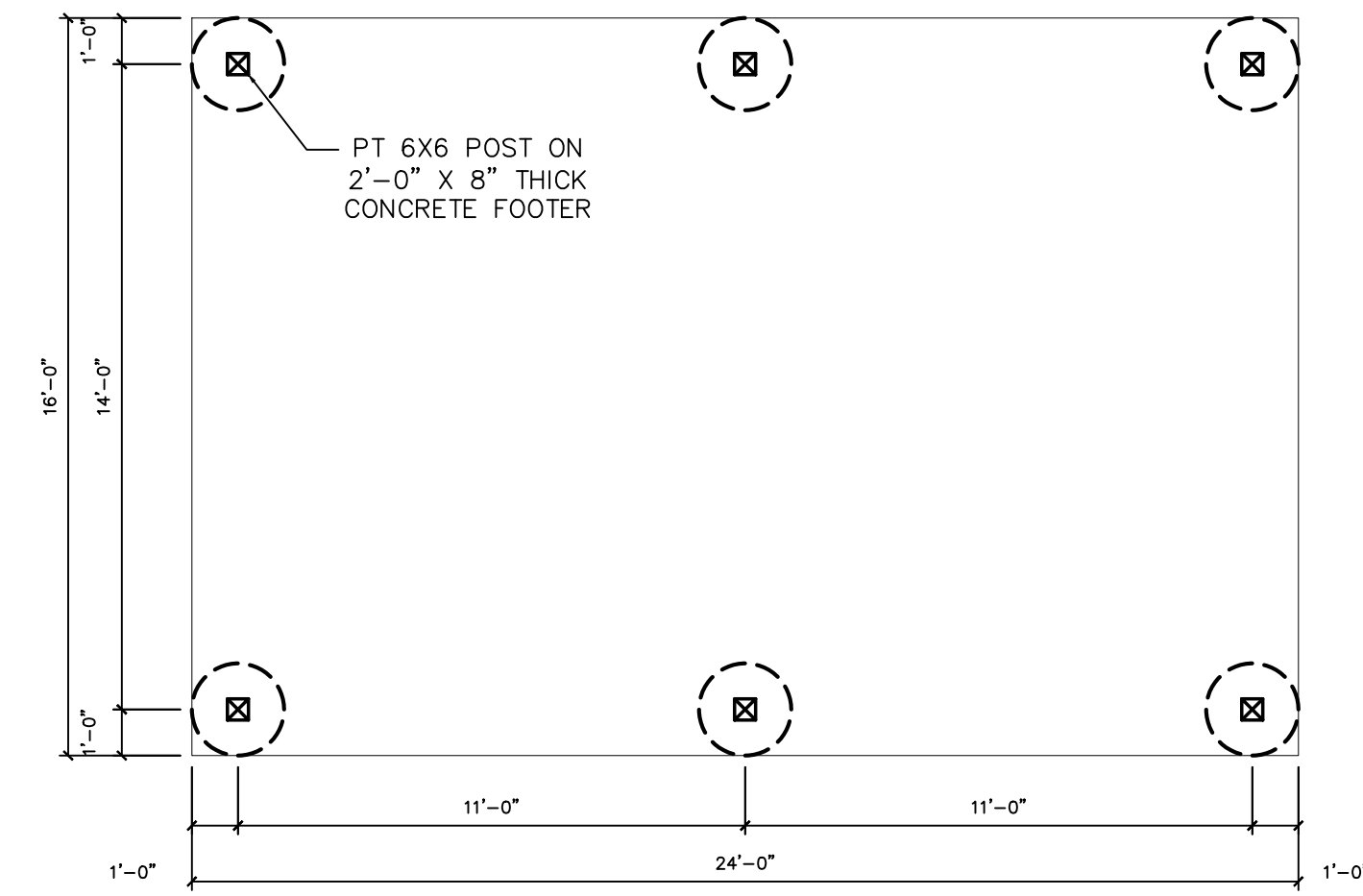




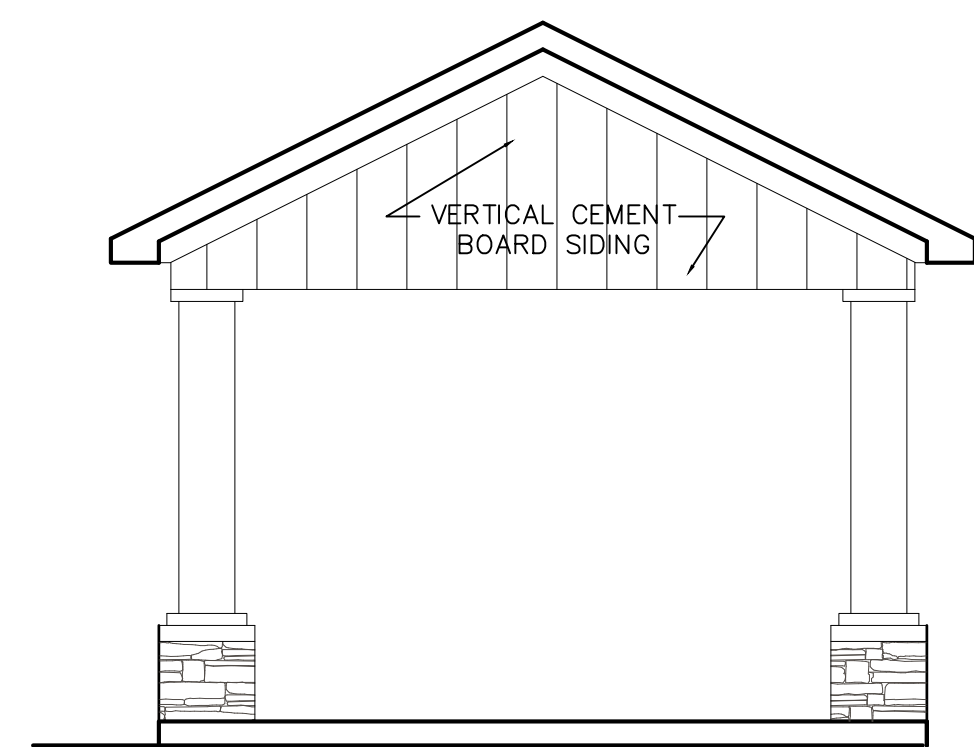
SMOKING SHED PLAN
1/4" = 1'-0"



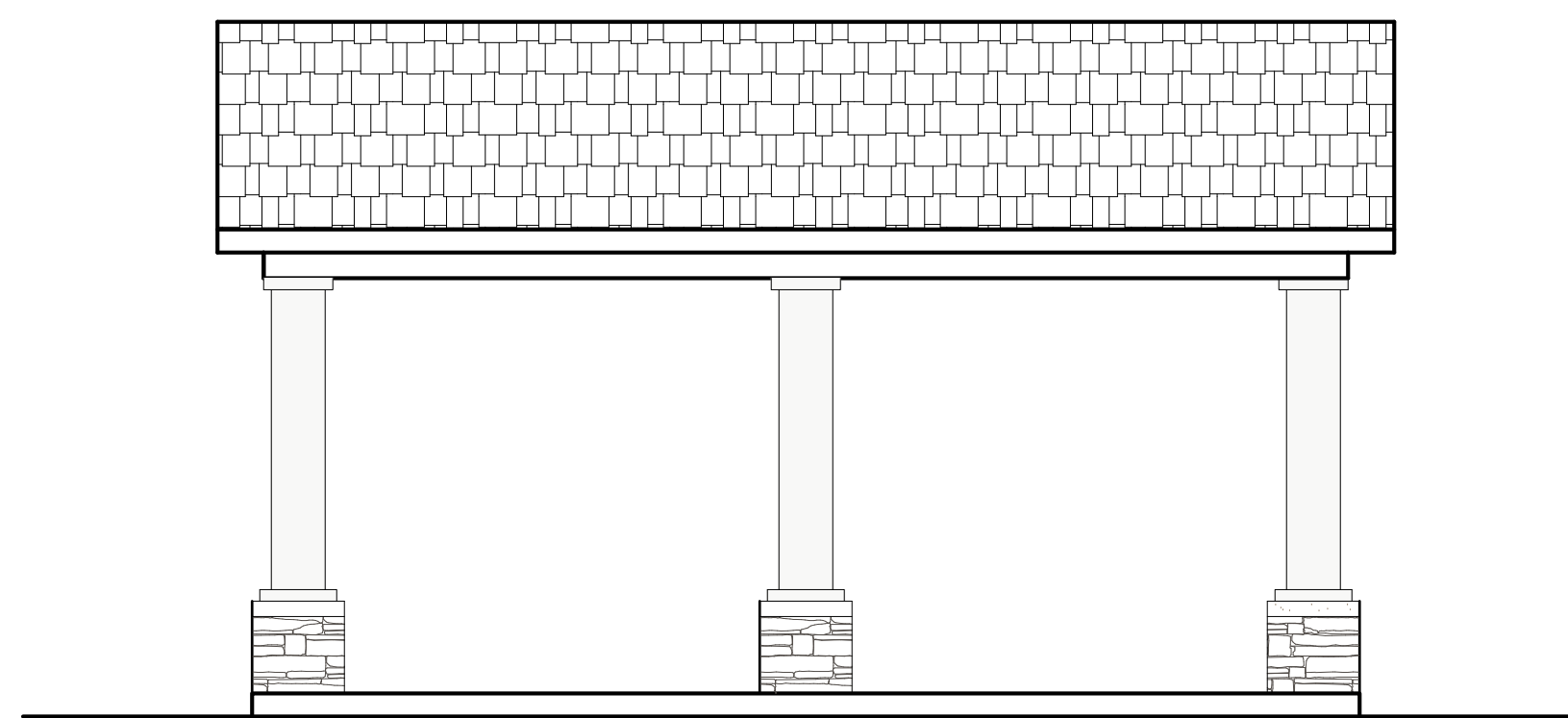
SMOKING SHED ROOF FRAMING PLAN
1/4" = 1'-0"



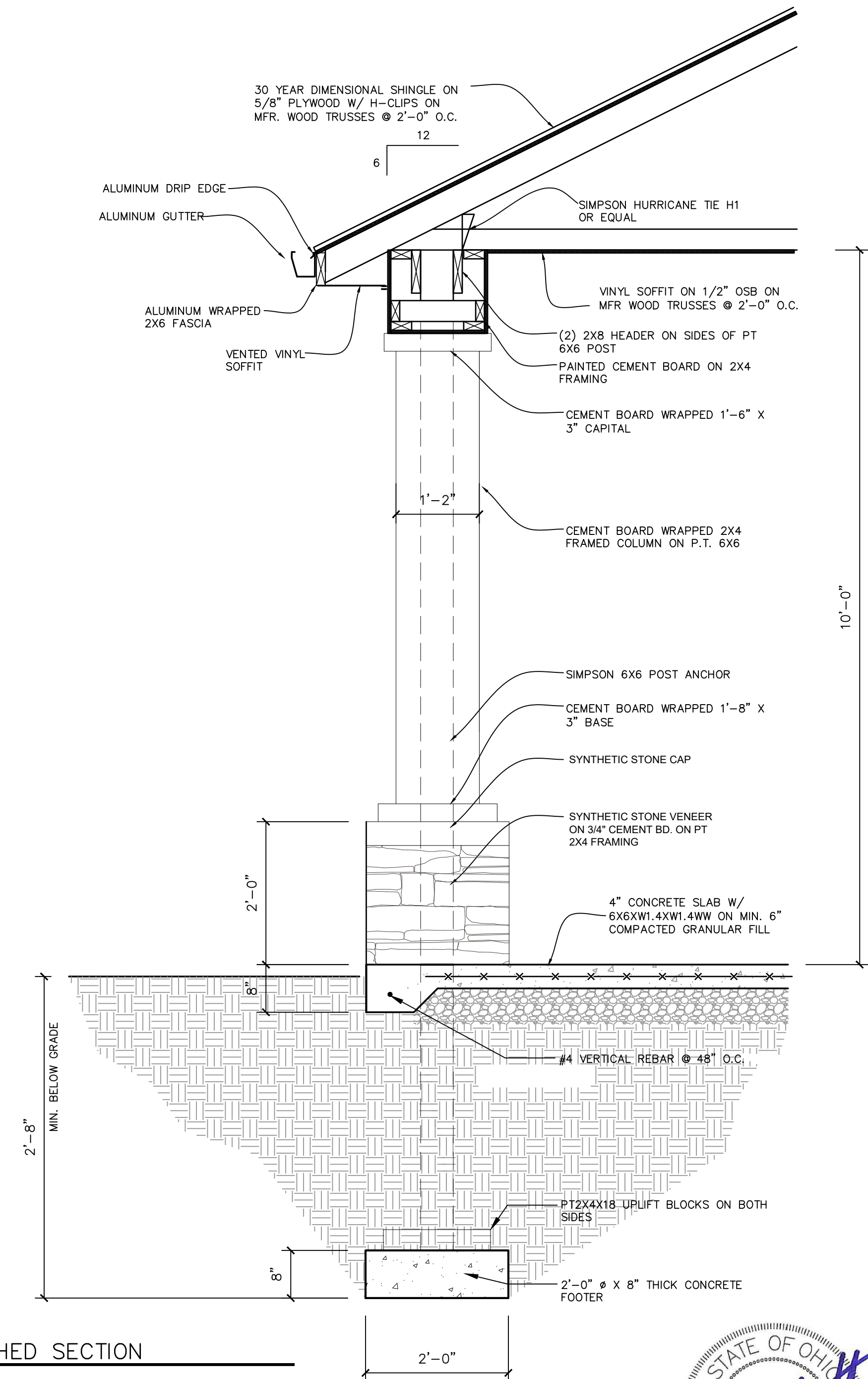
SMOKING SHED FOUNDATION PLAN
1/4" = 1'-0"



SMOKING SHED END ELEVATION
1/4" = 1'-0"



SMOKING SHED SIDE ELEVATION
1/4" = 1'-0"



SMOKING SHED SECTION
3/4" = 1'-0"



PROJECT: NEW HOUSING DEVELOPMENT 1A AND 1B
LOCATION: 830 FRANKLIN RD. LEBANON, OH 45036
CLIENT: NEW HOUSING OHIO INC.
ADDRESS: 1160 EAST MAIN ST. LEBANON, OH 45036
COUNTY: WARREN
PROJECT #: 21-164
DATE: FEBRUARY 3, 2026

SHEET: 2/2

REVISIONS
NONE