

DESIGN CRITERIA

- GOVERNING BUILDING CODES (INCLUDES STATE AND LOCAL AMENDMENTS)
 - 2018 INTERNATIONAL BUILDING CODE
 - 2018 INTERNATIONAL EXISTING BUILDING CODE
 - 2018 INTERNATIONAL RESIDENTIAL CODE
- WIND DESIGN CRITERIA

A. ULTIMATE WIND SPEED (V_{ult})	115 MPH
B. NOMINAL DESIGN WIND SPEED (V_{asd})	89 MPH
C. EXPOSURE CATEGORY	B
D. INTERNAL PRESSURE COEFFICIENT	+/- 0.18
- SEISMIC DESIGN CATEGORY

A. RISK CATEGORY	II
B. SEISMIC IMPORTANCE FACTOR (I_e)	1.0
C. SITE CLASS	D
D. SEISMIC DESIGN CATEGORY	C
- DEAD LOADS

A. ROOF	6 PSF
B. CEILINGS	6 PSF
C. FLOOR	6 PSF
- LIVE LOADS

A. ROOF	20 PSF
B. CORRIDORS	100 PSF
C. STAIRS	100 PSF
D. LIVING AREAS	40 PSF
E. BEDROOMS	30 PSF
- SNOW LOADS

A. GROUND SNOW LOAD (P_g)	10 PSF
B. FLAT ROOF SNOW LOAD (P_f)	10 PSF
C. SLOPED ROOF SNOW LOAD (P_s)	8 PSF
D. SNOW IMPORTANCE FACTOR (I_s)	1.0
E. SNOW EXPOSURE FACTOR (C_e)	1.0
F. SNOW THERMAL FACTOR (C_t)	1.0
- ASSUMED FOUNDATION DESIGN CRITERIA

A. NET ALLOWABLE SOIL BEARING FOR SPREAD FOOTINGS	1500 PSF
B. NET ALLOWABLE SOIL BEARING FOR CONT FOOTINGS	1500 PSF
C. CODE MINIMUM BEARING DEPTH	30 INCHES

FLOOD ZONE CRITERIA

- BASE FLOOD ELEVATION CRITERIA

A. BASE FLOOD ELEVATION (BFE):	1164.00 FEET
B. LOWEST GRADE LEVEL:	1162.08 FEET
C. VERTICAL DISTANCE IMPACTED BELOW BFE: (FROM LOWEST GRADE TO BFE)	1.2 FEET
- PREVIOUS CONSTRUCTION

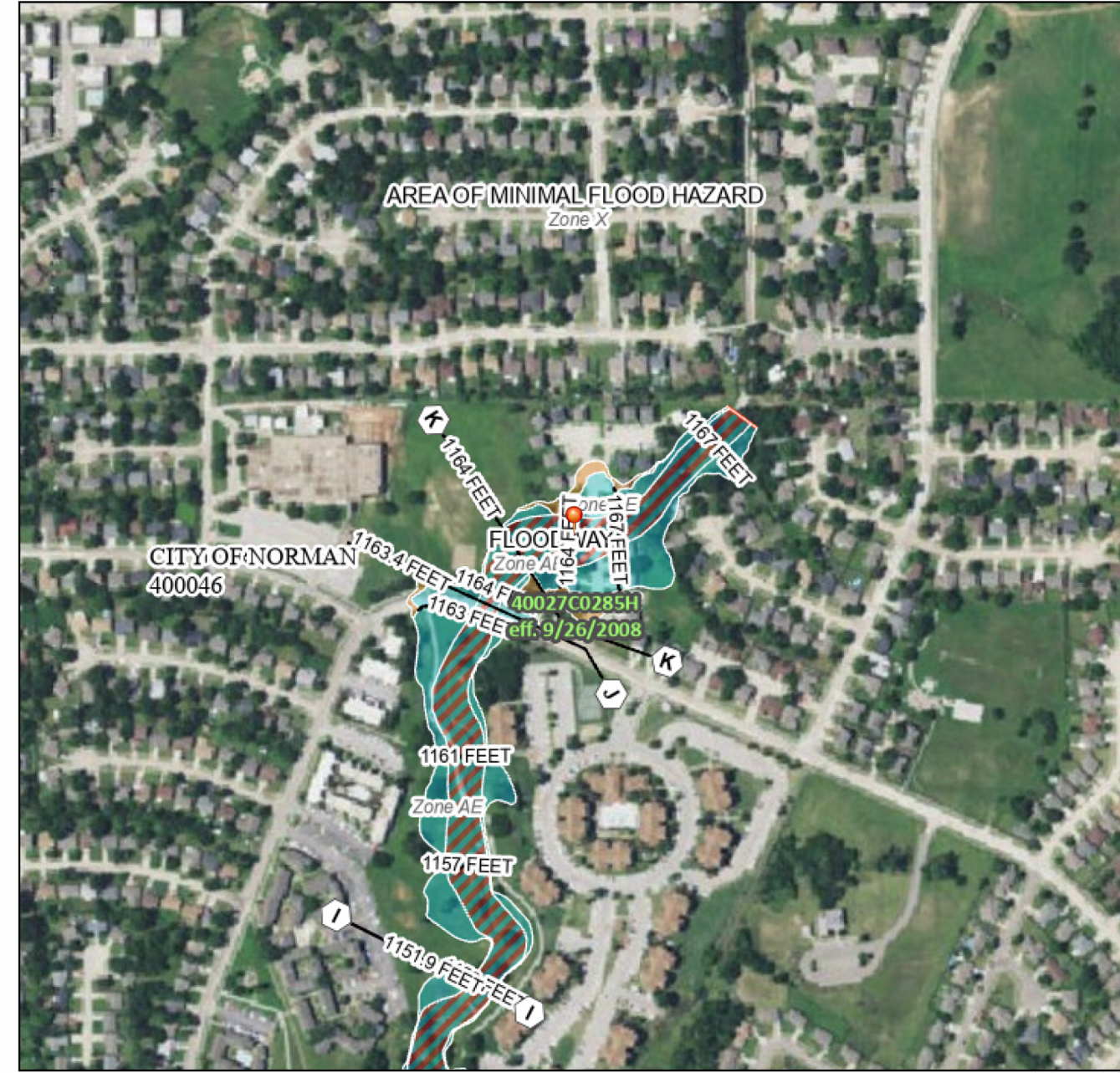
A. AREA IN FLOOD ZONE:	1227.00 SQ. FT.
B. VOLUME BELOW BFE:	1472.00 CU. FT.
- PROPOSED ELEVATED CONSTRUCTION:

A. AREA IN FLOOD ZONE:	
a. NOT ENCLOSED:	44.42 SQ. FT.
b. ENCLOSED:	1227.00 SQ. FT.
B. VOLUME BELOW BFE:	
a. NOT ENCLOSED:	53.31 CU. FT.
b. ENCLOSED:	1472.00 CU. FT.
C. FLOOD VENTING REQUIREMENTS:	
a. NOT ENCLOSED:	NOT APPLICABLE
b. ENCLOSED:	1227.00 SQ. IN

National Flood Hazard Layer FIRMette



97°25'18"W 35°12'51"N



Basemap Imagery Source: USGS National Map 2023

Legend

- SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT
- SPECIAL FLOOD HAZARD AREAS**
- Without Base Flood Elevation (BFE) Zone A, V, A99
 - With BFE or Depth Zone AE, AO, AH, VE, AR
 - Regulatory Floodway
- OTHER AREAS OF FLOOD HAZARD**
- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee. See Notes. Zone X
 - Area with Flood Risk due to Levee Zone D
- OTHER AREAS**
- NO SCREEN Area of Minimal Flood Hazard Zone X
 - Effective LOMRs
 - Area of Undetermined Flood Hazard Zone D
- GENERAL STRUCTURES**
- Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
- OTHER FEATURES**
- Cross Sections with 1% Annual Chance Water Surface Elevation: 20.2, 17.5
 - Coastal Transect
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
- MAP PANELS**
- Digital Data Available
 - No Digital Data Available
 - Unmapped
- The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards.

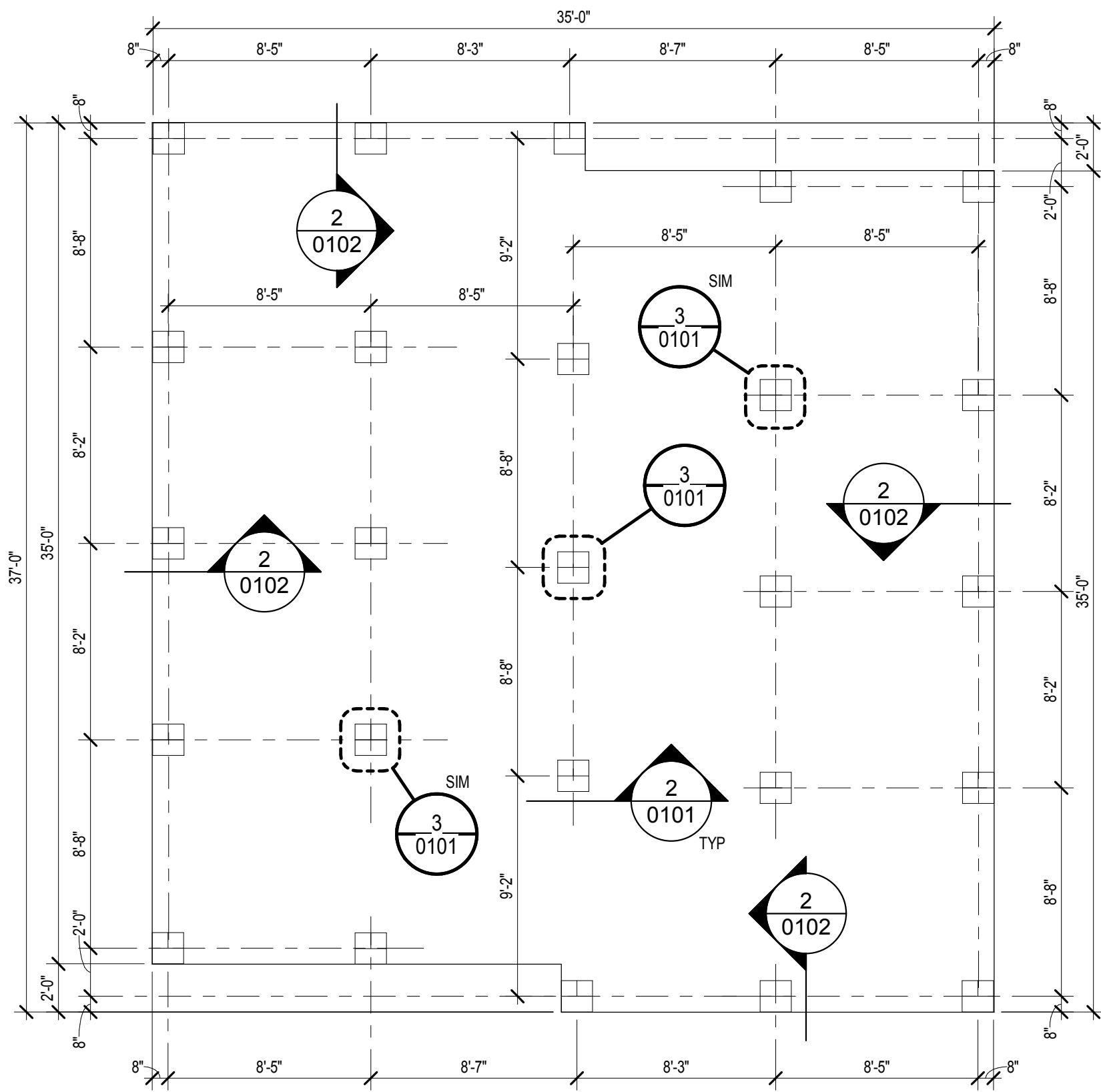
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 10/1/2024 at 1:26 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



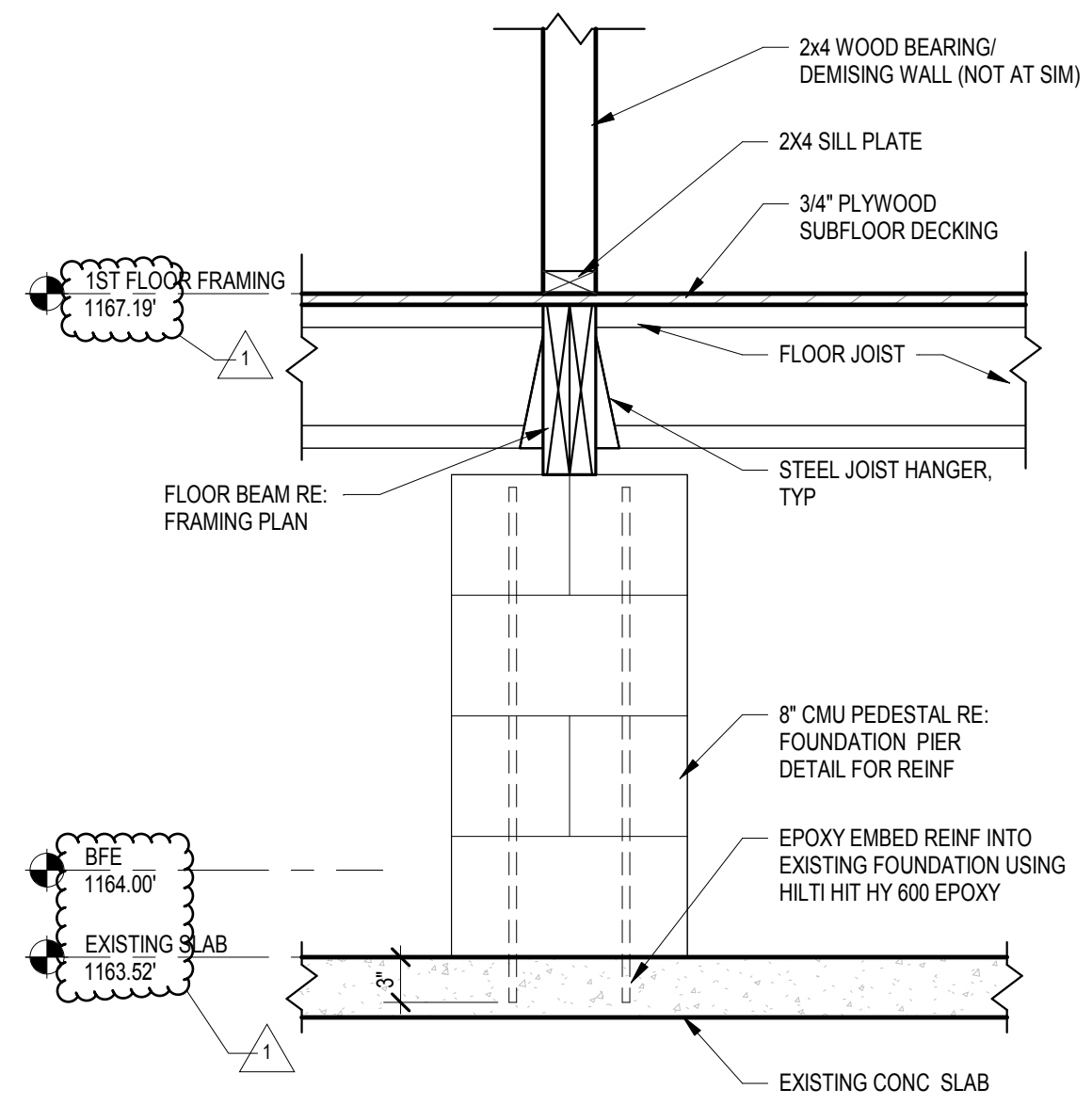
PROJECT: 624-626 SINCLAIR DRIVE
624-626 SINCLAIR DR
NORMAN, OK 73072
CLIENT: RESILIENT VISIONARY INVESTMENTS, LLC

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EVALUATION AND
DESIGN CRITERIA

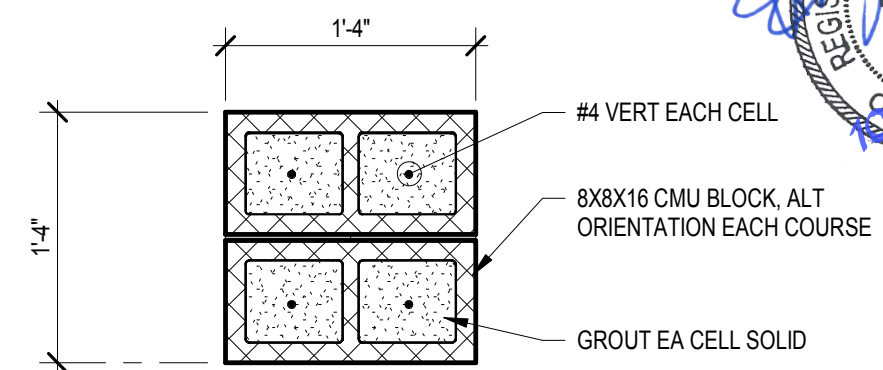


1 FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

- FLOOR RELIEF OPENINGS FOR OPTIONAL FOUNDATION ENCLOSURE:
- PROVIDE A TOTAL OF 1227 SQ. IN. OF FLOOD RELIEF OPENINGS ON FOUR SIDES OF THE HOME.
 - FLOOR RELIEF OPENINGS CANNOT BE PLACE HIGHER THAN 1'-0" ABOVE ADJACENT GRADE
 - PROVIDE A MINIMUM OF 2 OPENINGS PER SIDE OF THE STRUCTURE

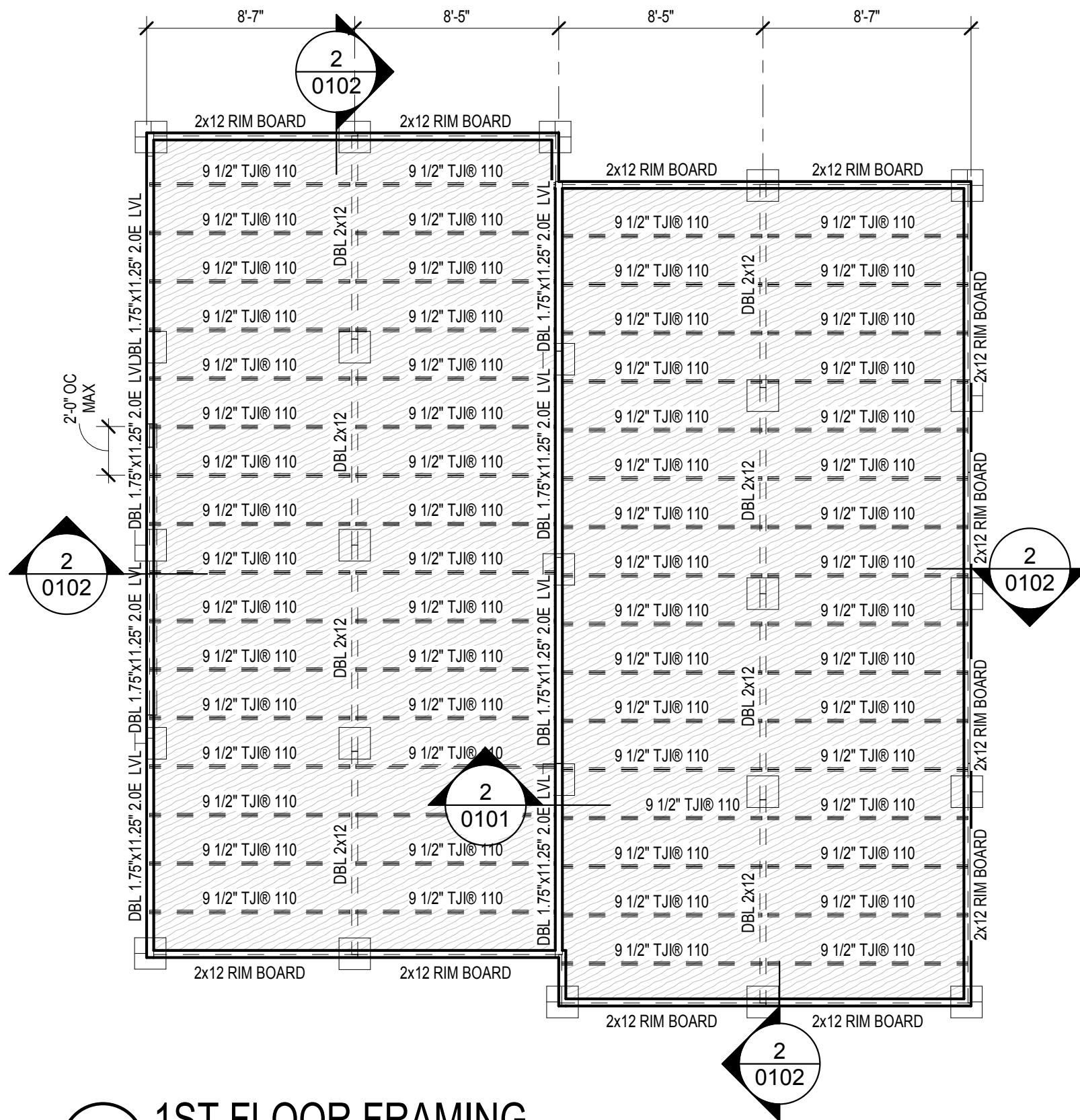


2 PEDESTAL ELEVATION
SCALE: 1" = 1'-0"



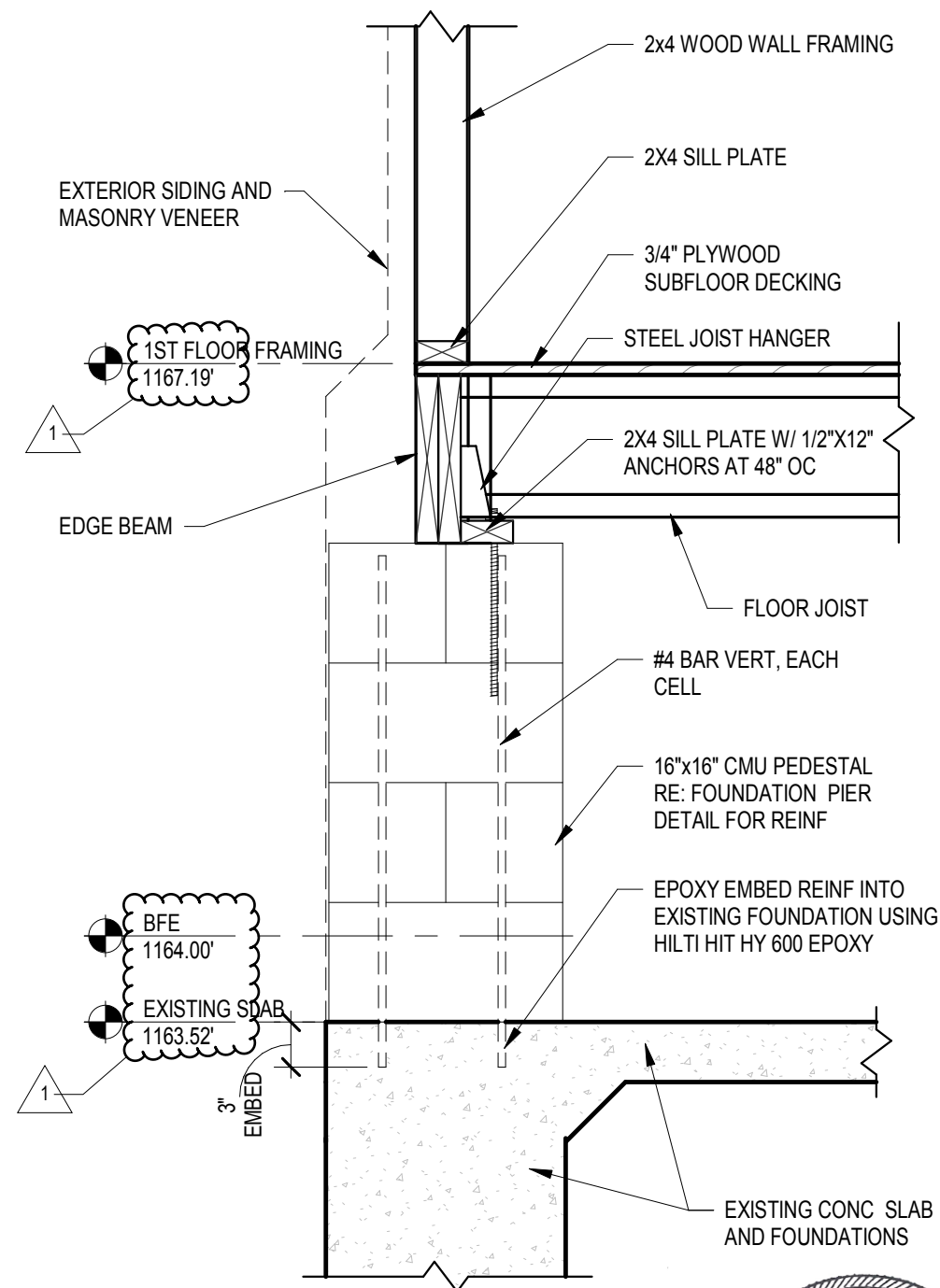
3 CMU FOUNDATION PIER
SCALE: 1" = 1'-0"





1 1ST FLOOR FRAMING
SCALE: 3/16" = 1'-0"

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2 WALL SECTION
SCALE: 1" = 1'-0"



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FLOOR FRAMING
PLAN