SFPUC | ALAMEDA CREEK RECAPTURE PROJECT

EXECUTIVE SUMMARY

Building Location:

The proposed Electrical Control Building is located in Sunol.

It will be situated between Pond F2 and Pond F3 East, south of the existing Sunol Pump Pipeline.

Project Objective:

To provide a building enclosure for electrical equipment that is "contemporary" in design and responsive to the rural nature of the surrounding terrain.

Use of Prefabricated Building System in an effort to reduce design and building costs.

Use of Natural Daylighting through the use of translucent skylights to reduce energy usage on the north side of the roof to reduce heat gain.

Heat Island Effect (Use of roofing materials with recommended solar reflectance index)

Materials Reuse (Use of building materials with recycled content)

Solar Shading via the location of trees on the building south side.

Building Solution:

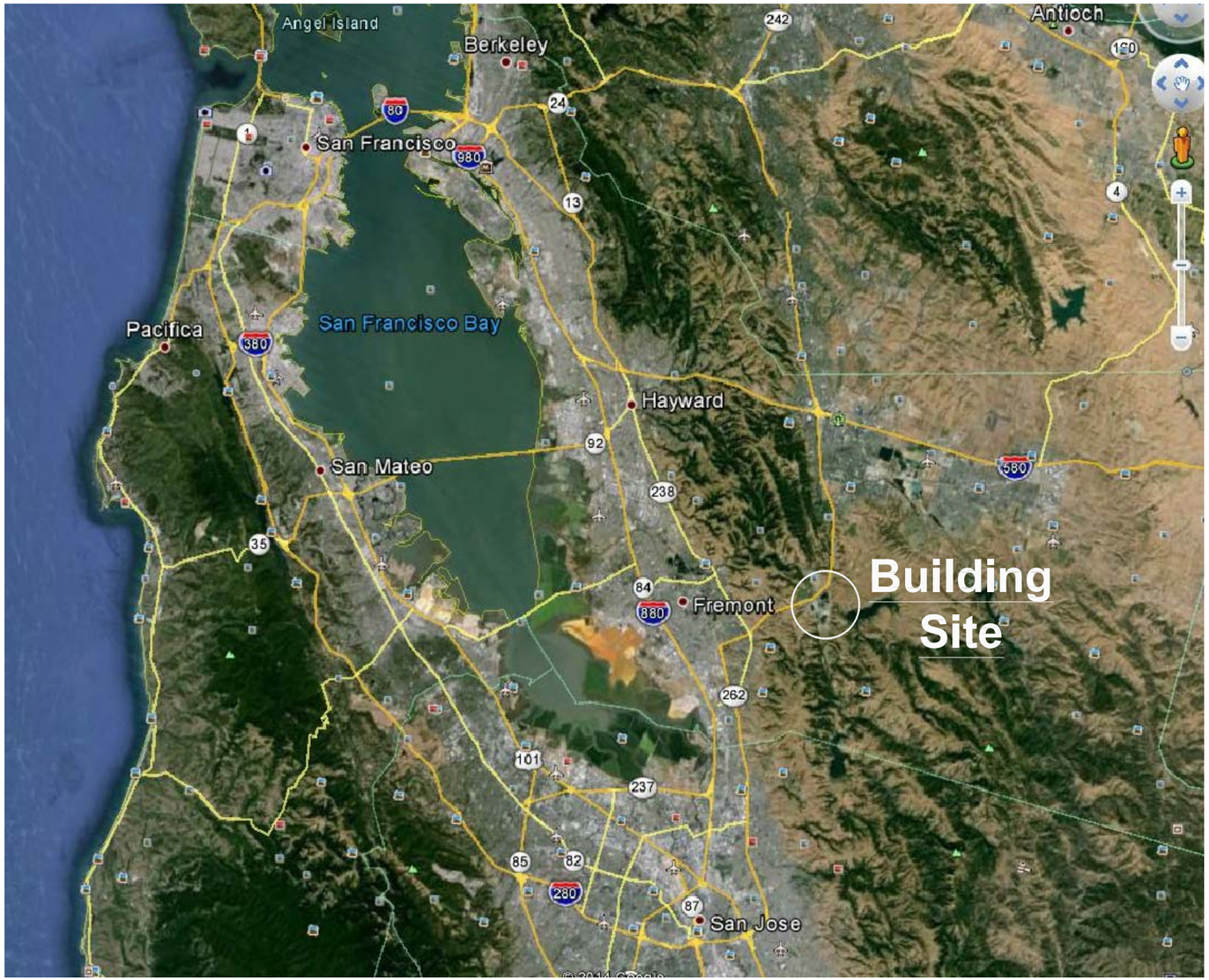
A 1,850 square foot facility located parallel to the access drive.

The plan will provide a formal front entrance with canopy and a second rear door for emergency exit.

The design concept is to provide a building that fits in with the rural character of the site, but which is also contemporary in appearance employing sustainable building practices.

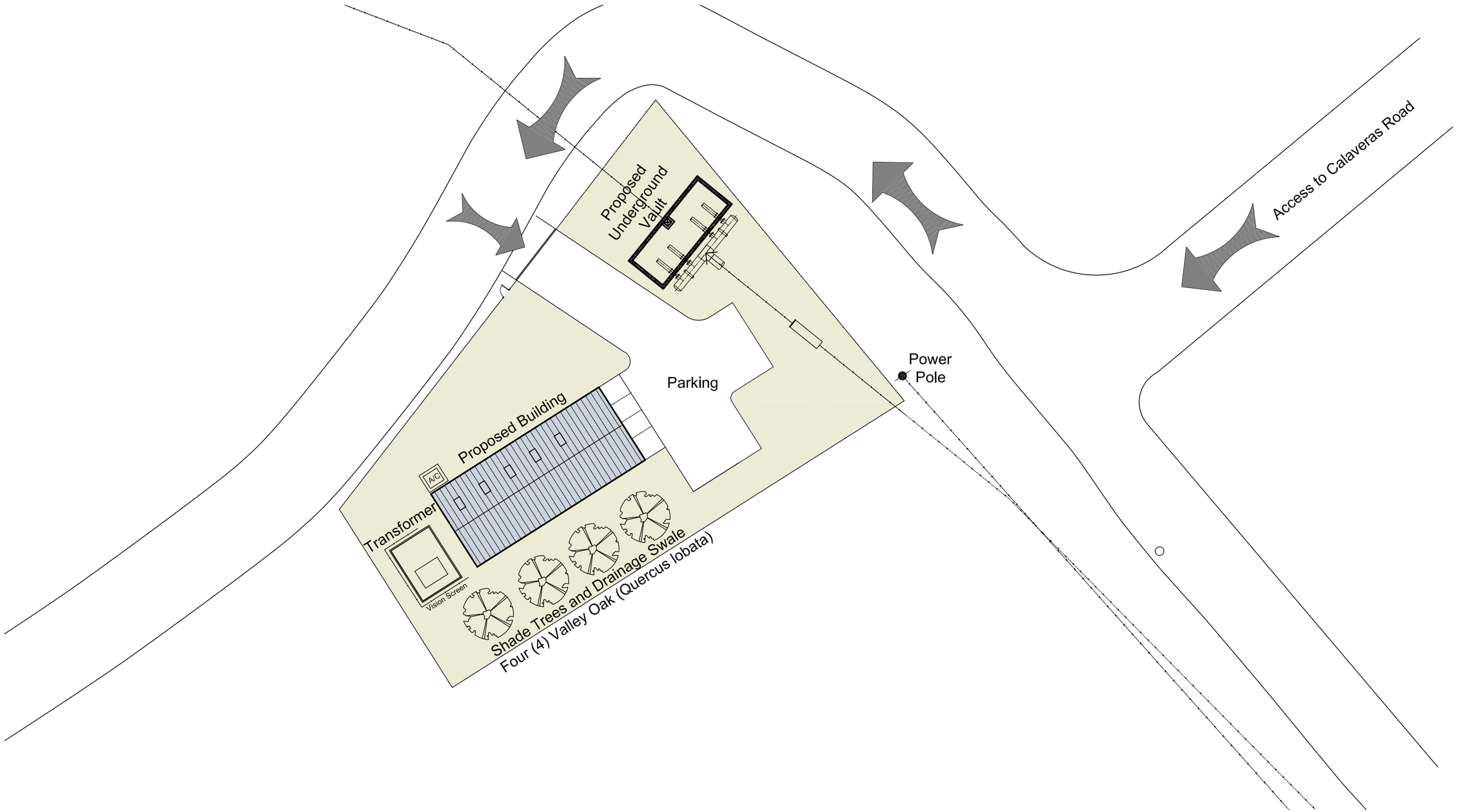
The proposed foot print is approximately 28' x 66' with a roof height that varies from 12'-0" above finished floor to 24'-0" to the peak of the roof.

PROJECT SITE



SITE PLAN

SITE PLAN

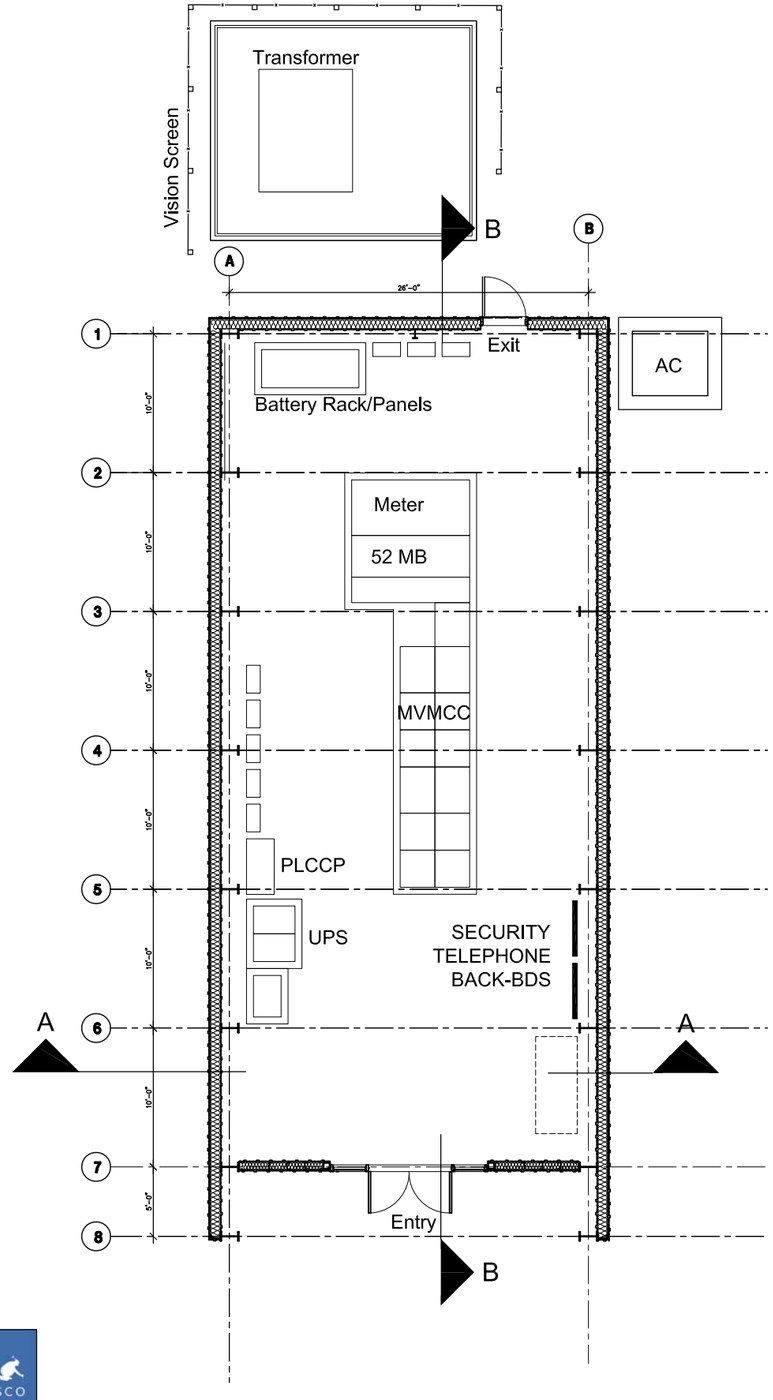


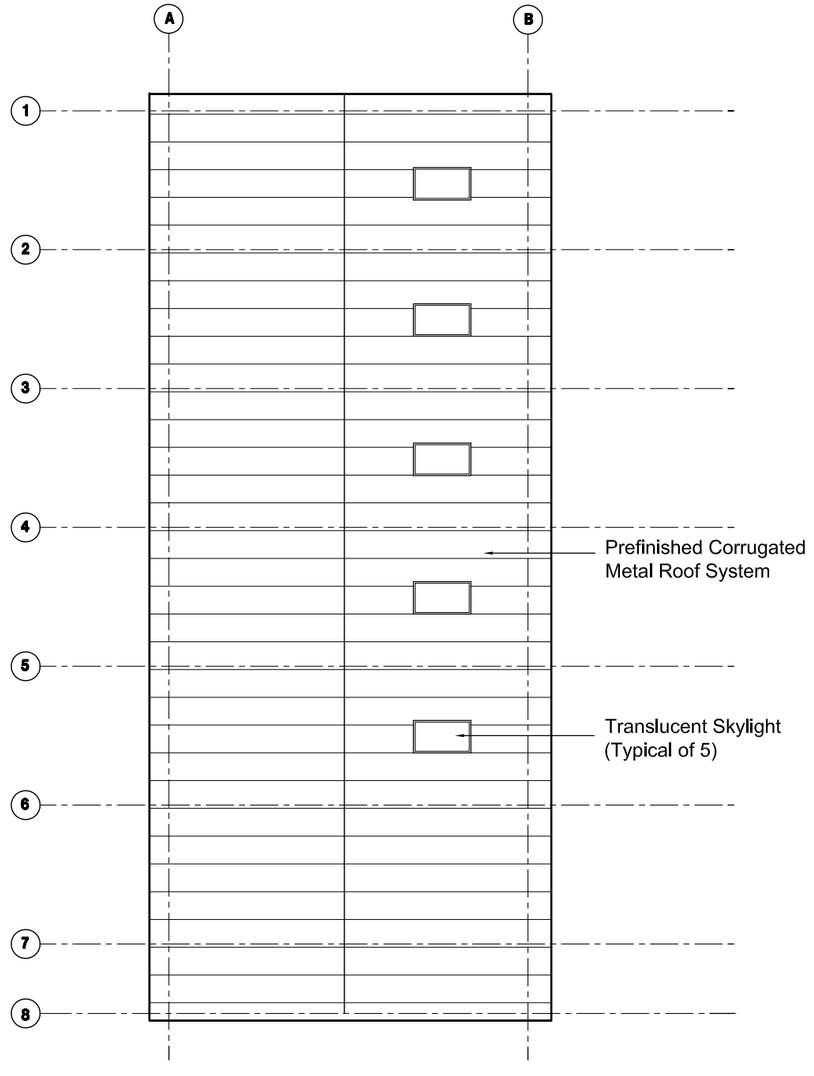
16' 8' 0 16'
SCALE: 1/16" = 1'-0"

NORTH
True North

SITE CONTEXT

FLOOR AND ROOF PLAN





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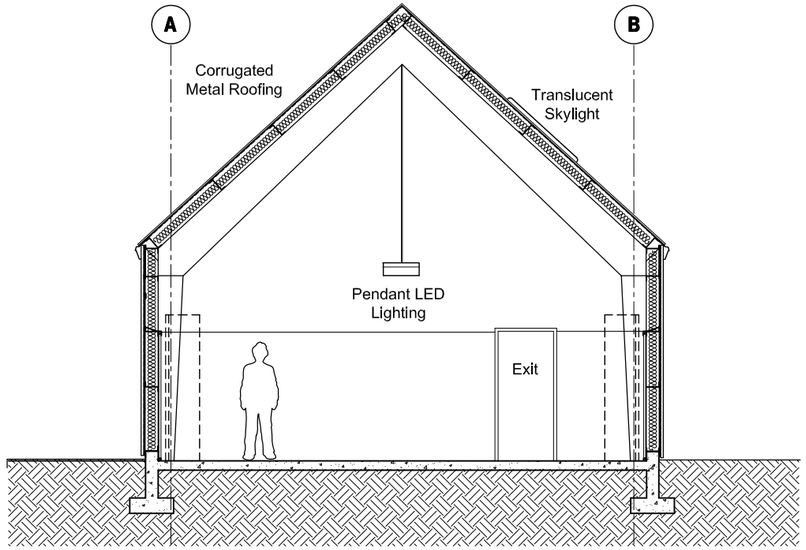
4' 2' 0 4' 8' 12'
SCALE: 3/16" = 1'-0"

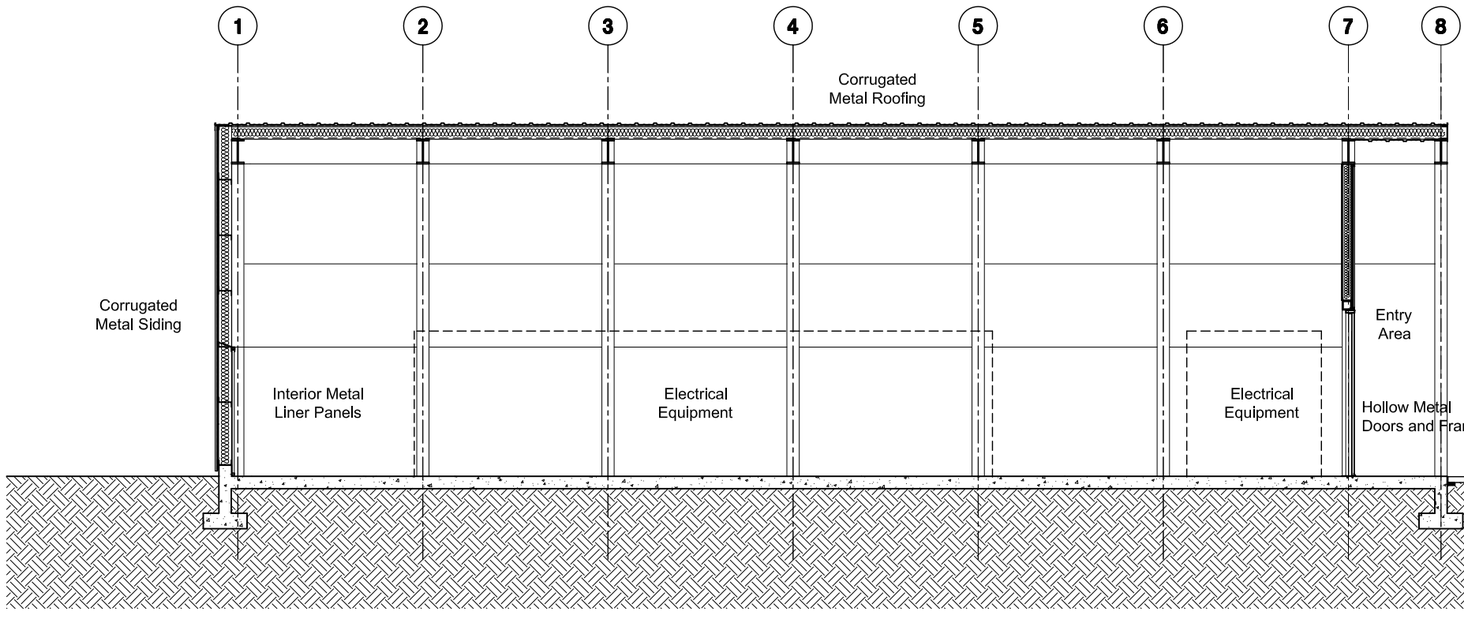
Plan North

True North

SECTIONS



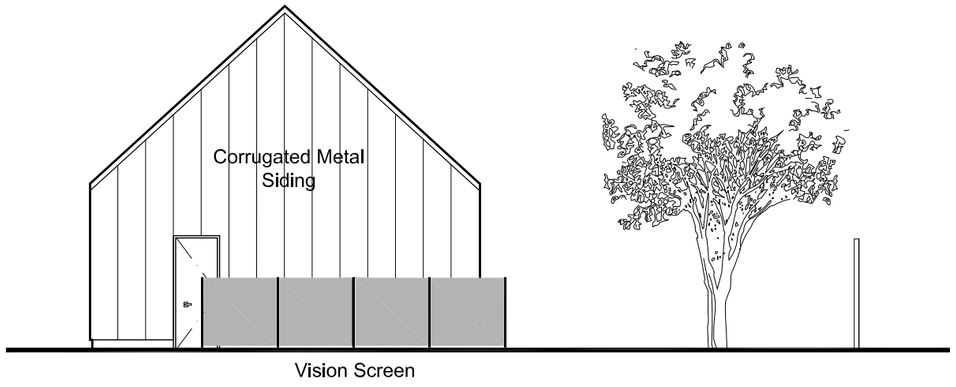
Section A-A



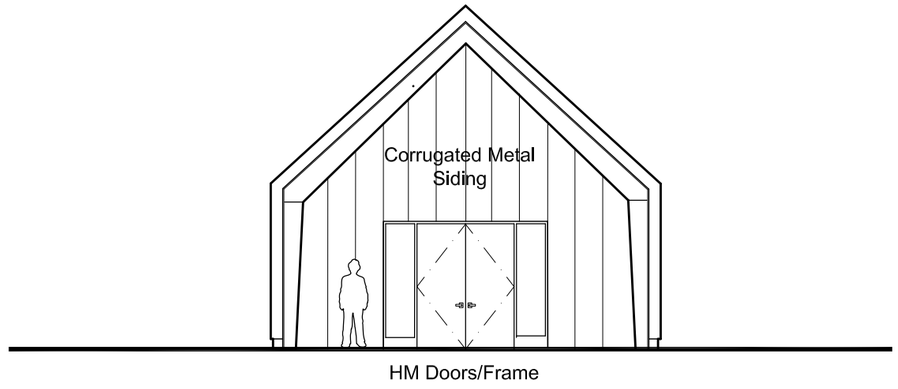
Section B-B

4' 2' 0 4' 8'
SCALE: 1/4" = 1'-0"

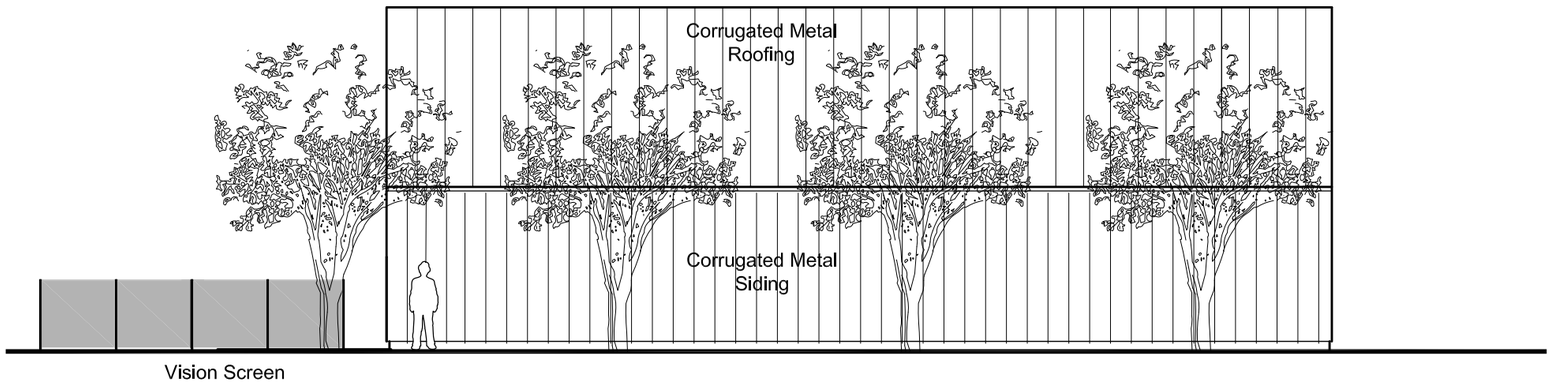
EXTERIOR ELEVATIONS



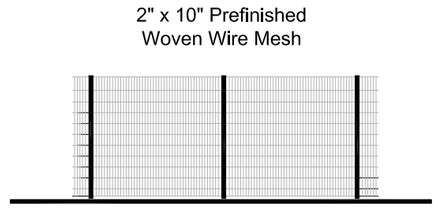
West Elevation



East Elavation

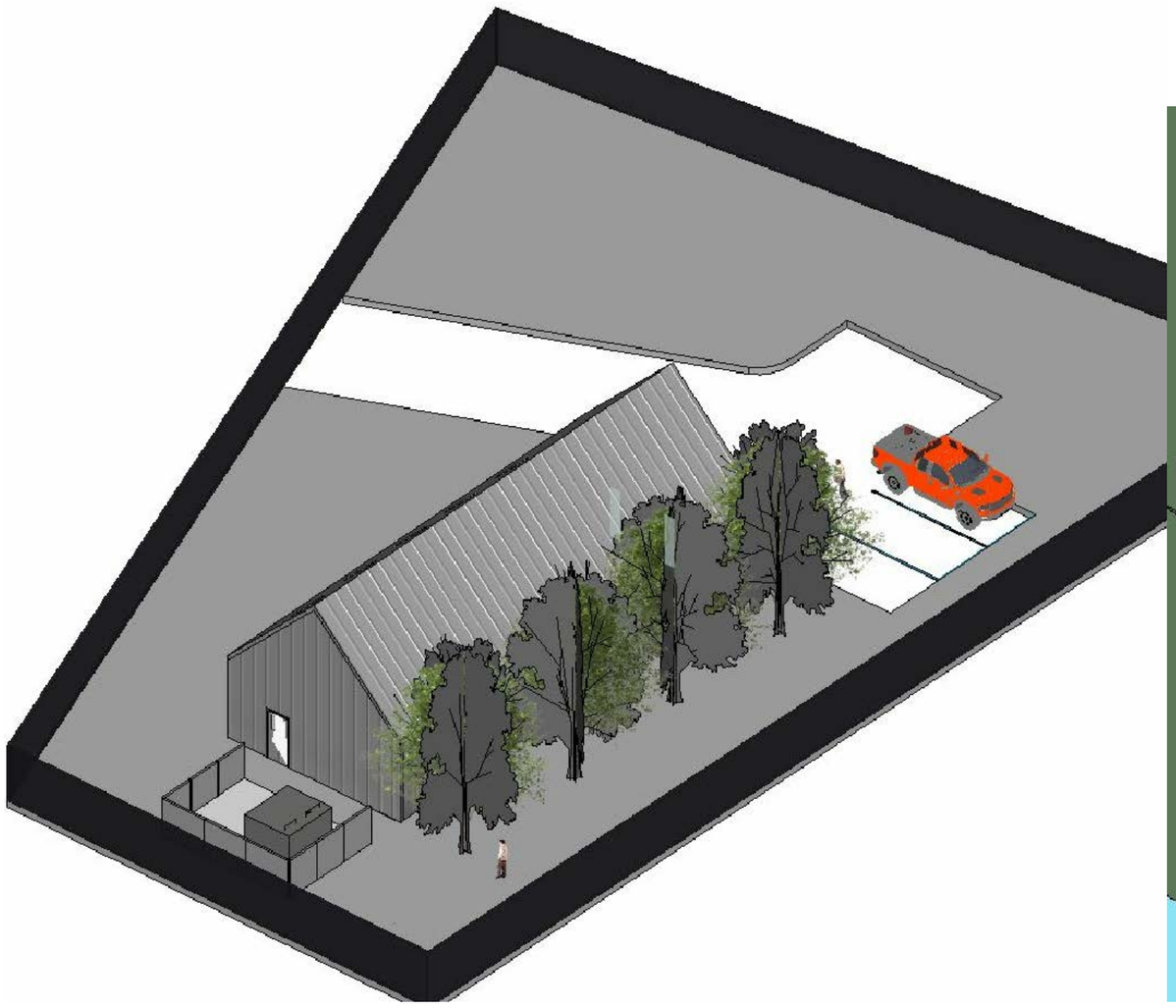


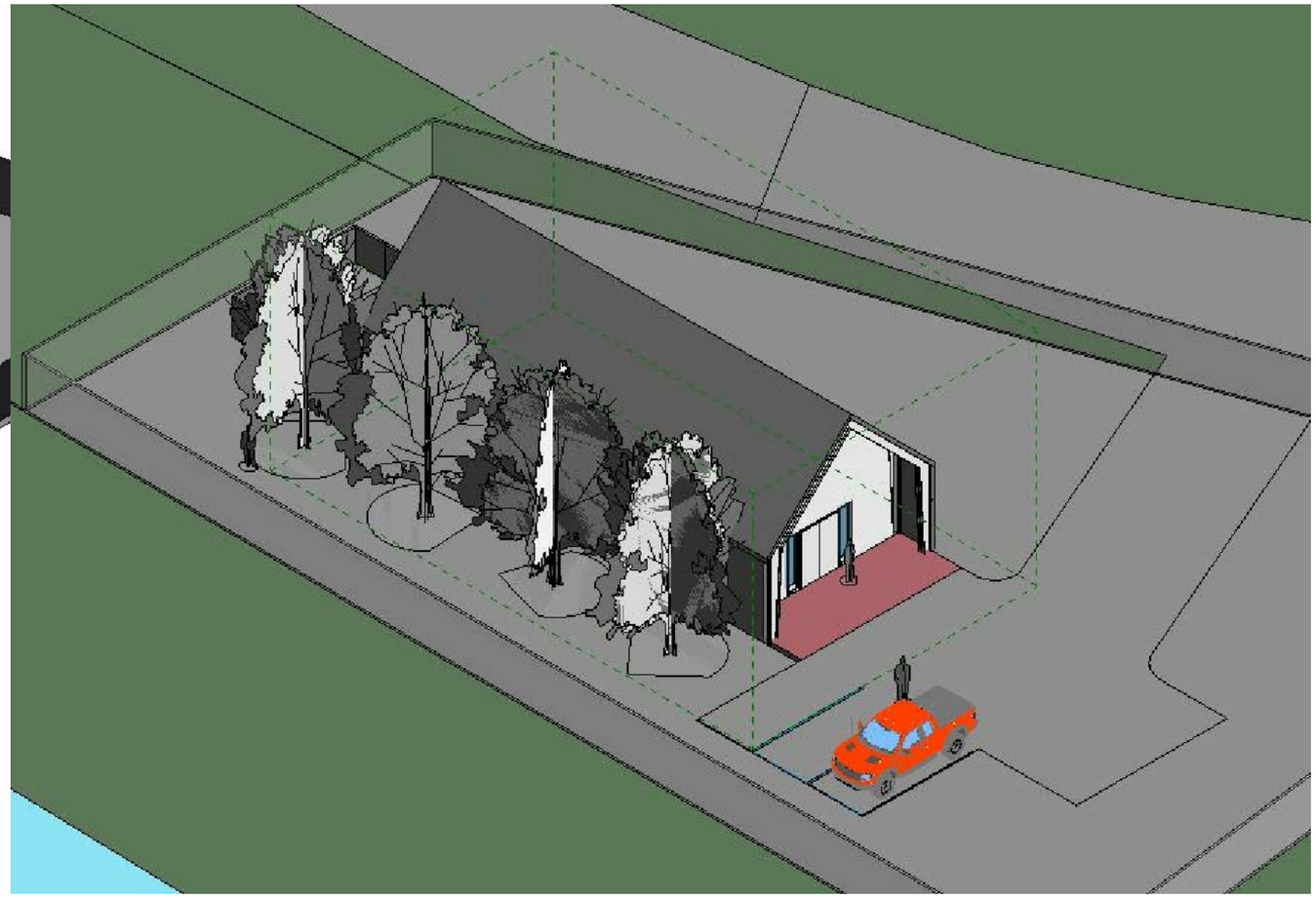
South Elevation



Site Fencing

Perspective





PROPOSED FENCING AND EXTERIOR MATERIAL SELECTIONS

Fence

Translucent Skylight

Wall and Roof Siding