



Cultural Education Center

Camp Courageous

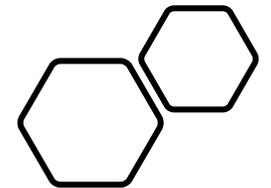
Monticello, IA





About Us

- Austin Duffy
- Grace Gudenkauf
- Nolan Osland



Project Overview



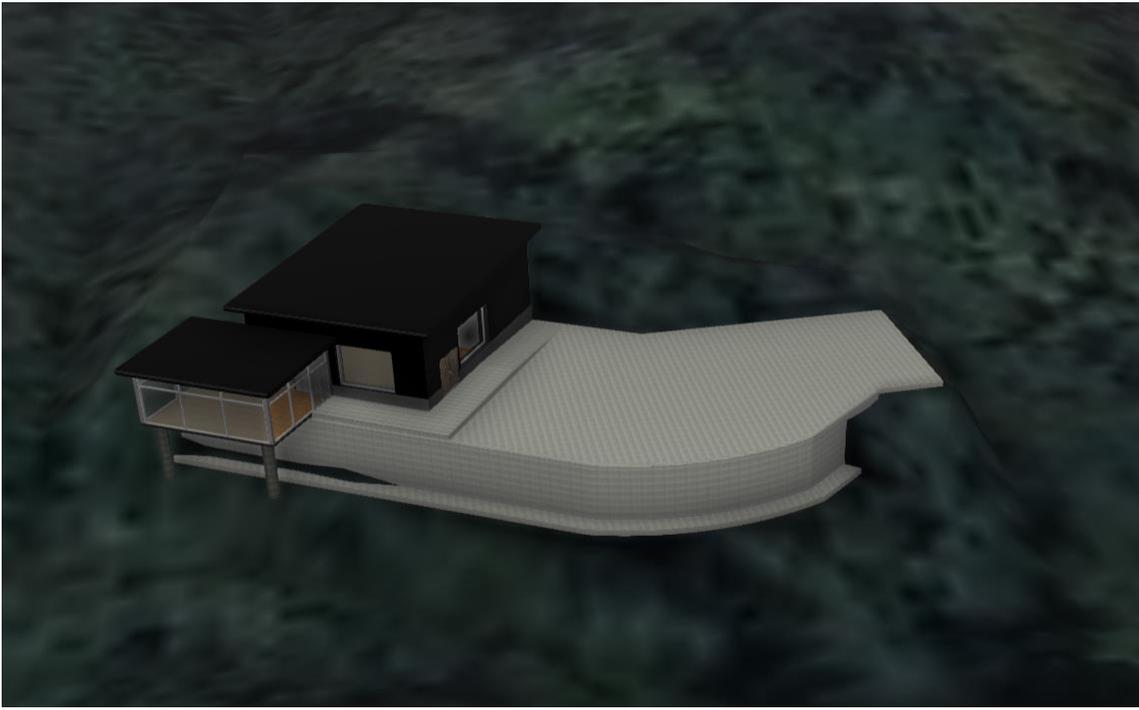
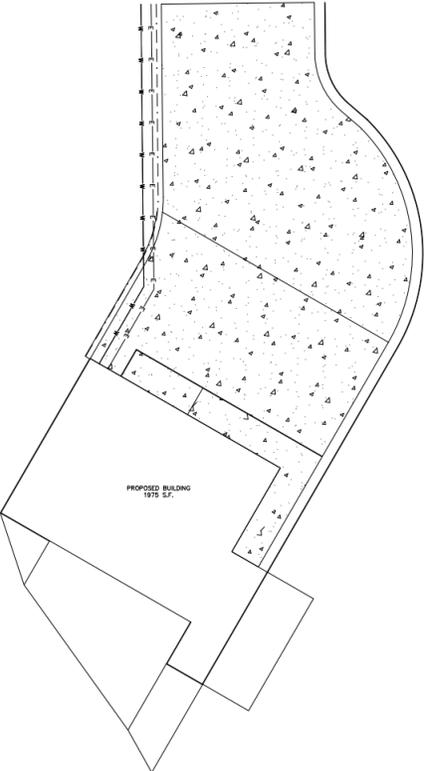
- Provide a single-story wildlife pavilion for the campers that can be used year-round.
- Design a viewing area for the building that provides a scenic overlook of the surrounding wildlife.
- Design a spacious open floor plan for easy access and mobility for camper activities.
- Comply with all building code regulations and ADA compliances that will allow easy access to the building for people of all ages and disabilities.



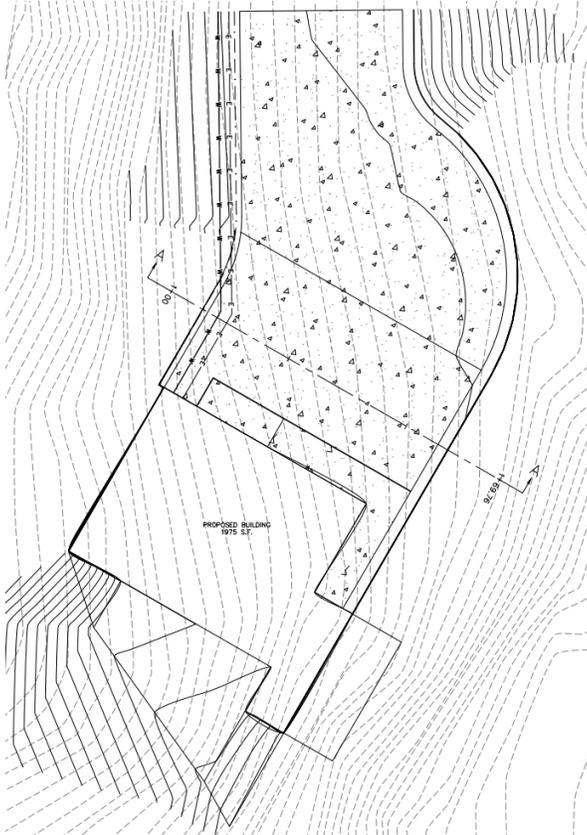
Project Location



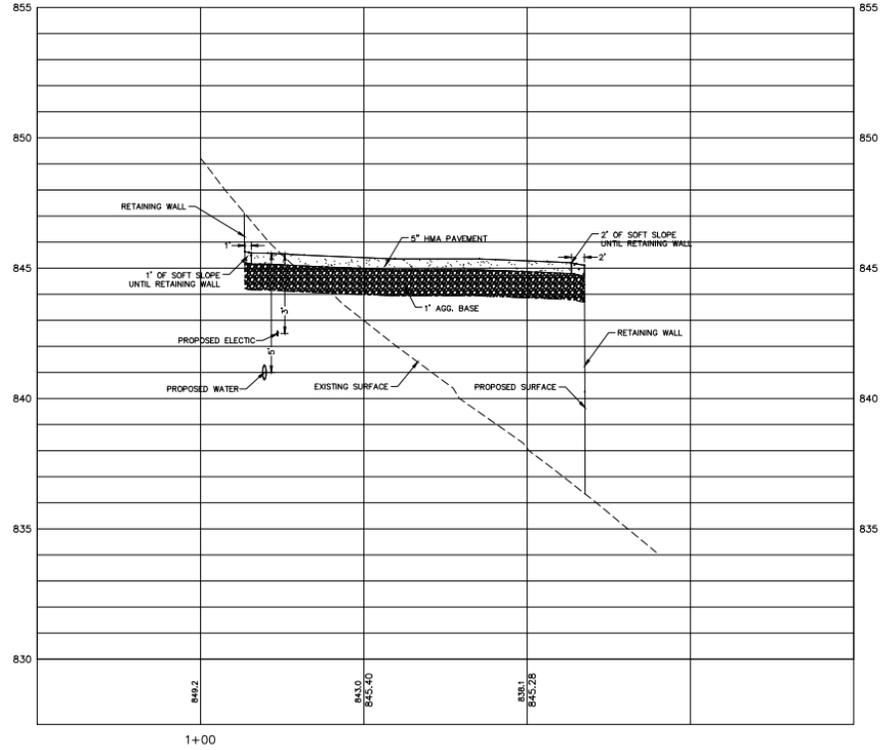
Site Design



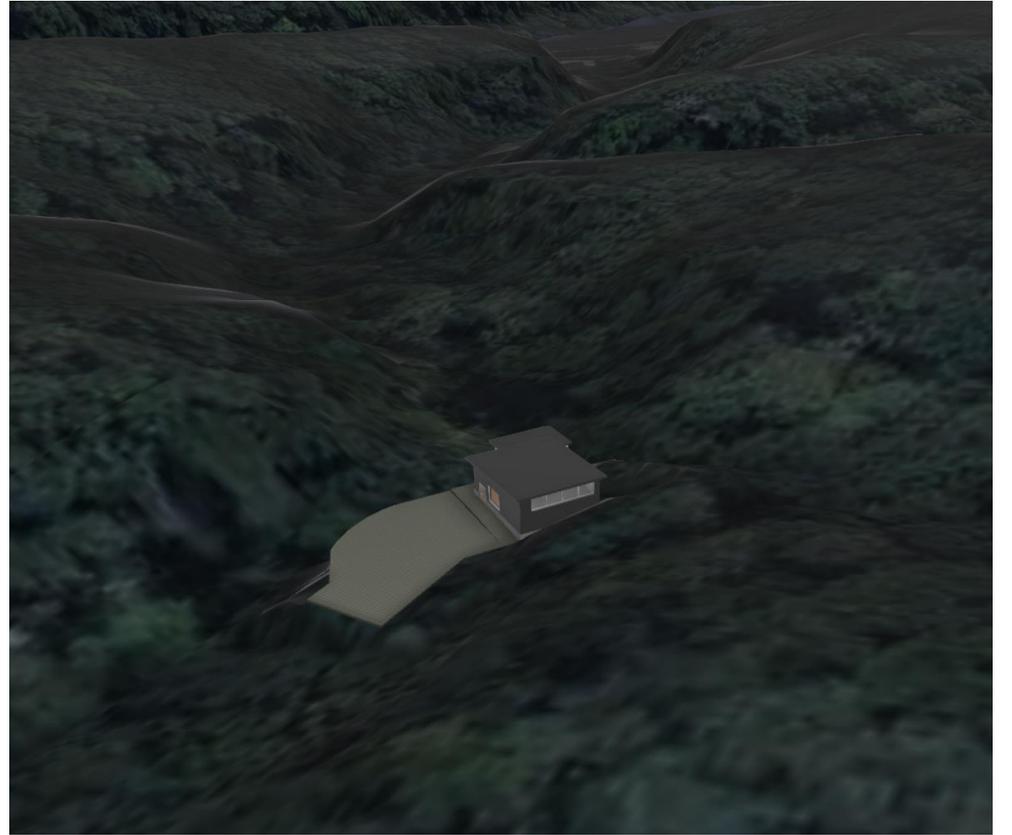
Site Design



PROFILE VIEW OF TYPICAL SECTION A-A
HORIZONTAL SCALE: 1" = 10'
VERTICAL SCALE: 1" = 2'



Site Design





Wildlife Exhibits

Architectural Design

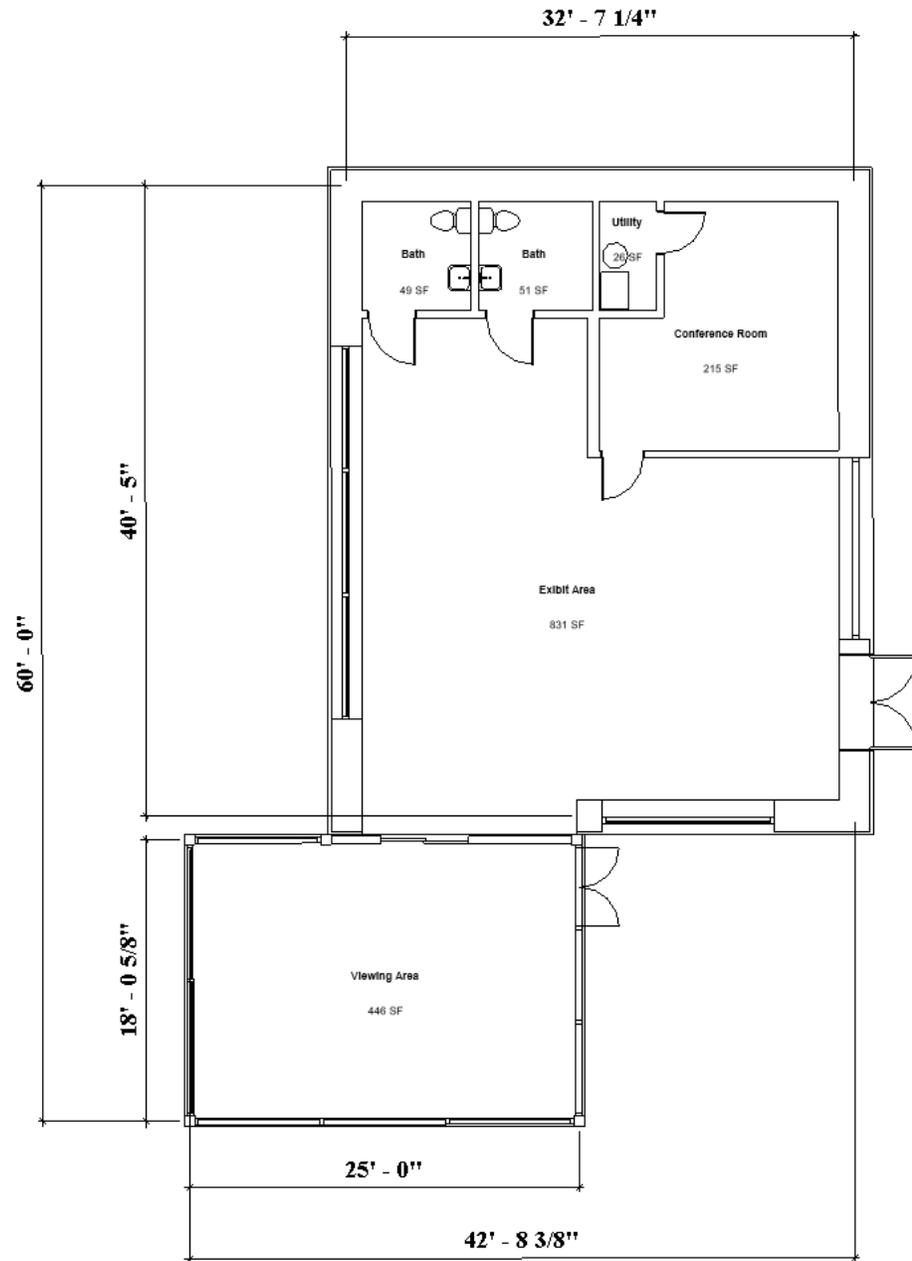


Architectural Design

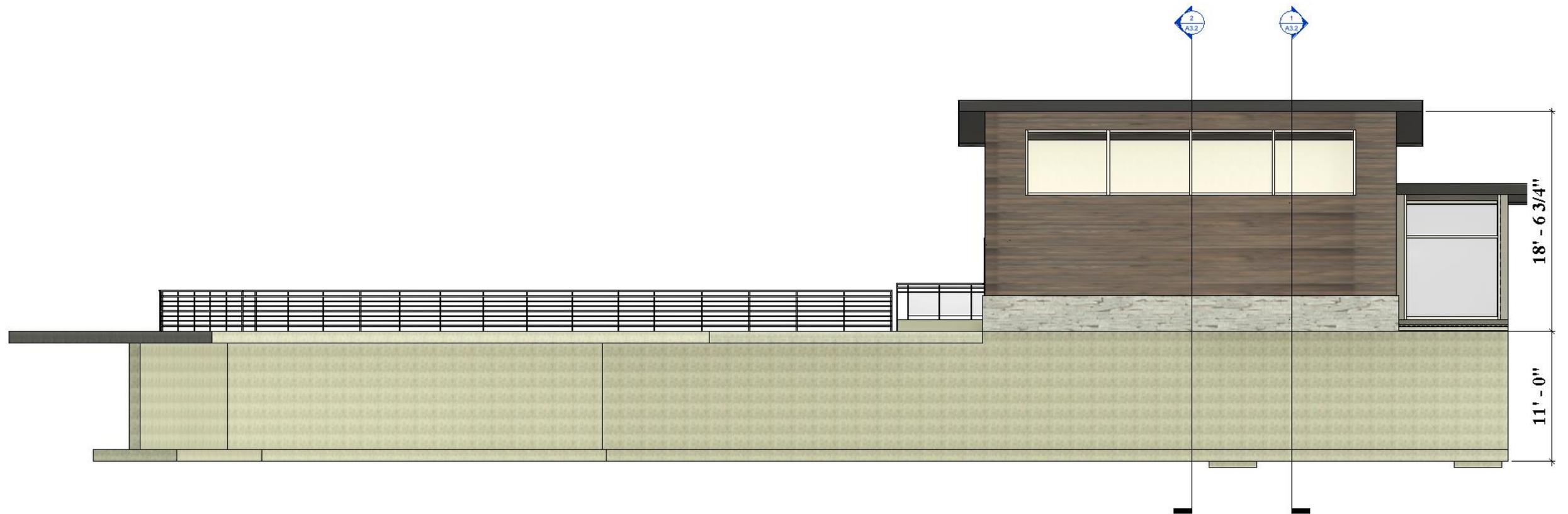




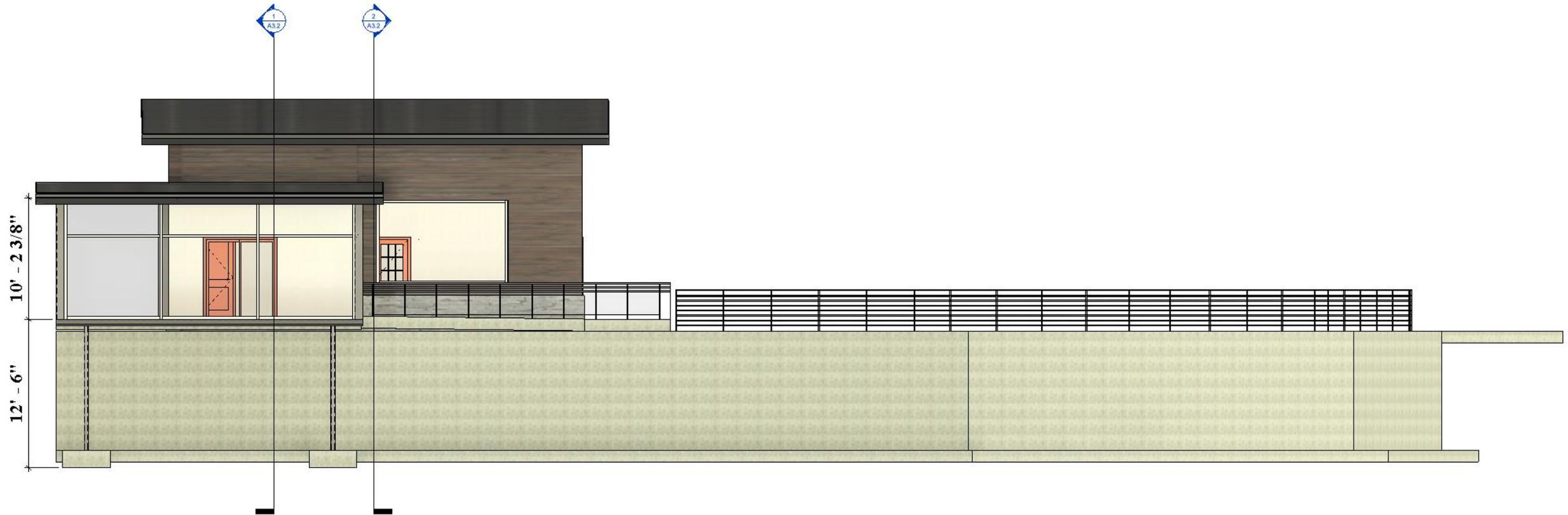
Architectural Floor Plan



Elevation View North



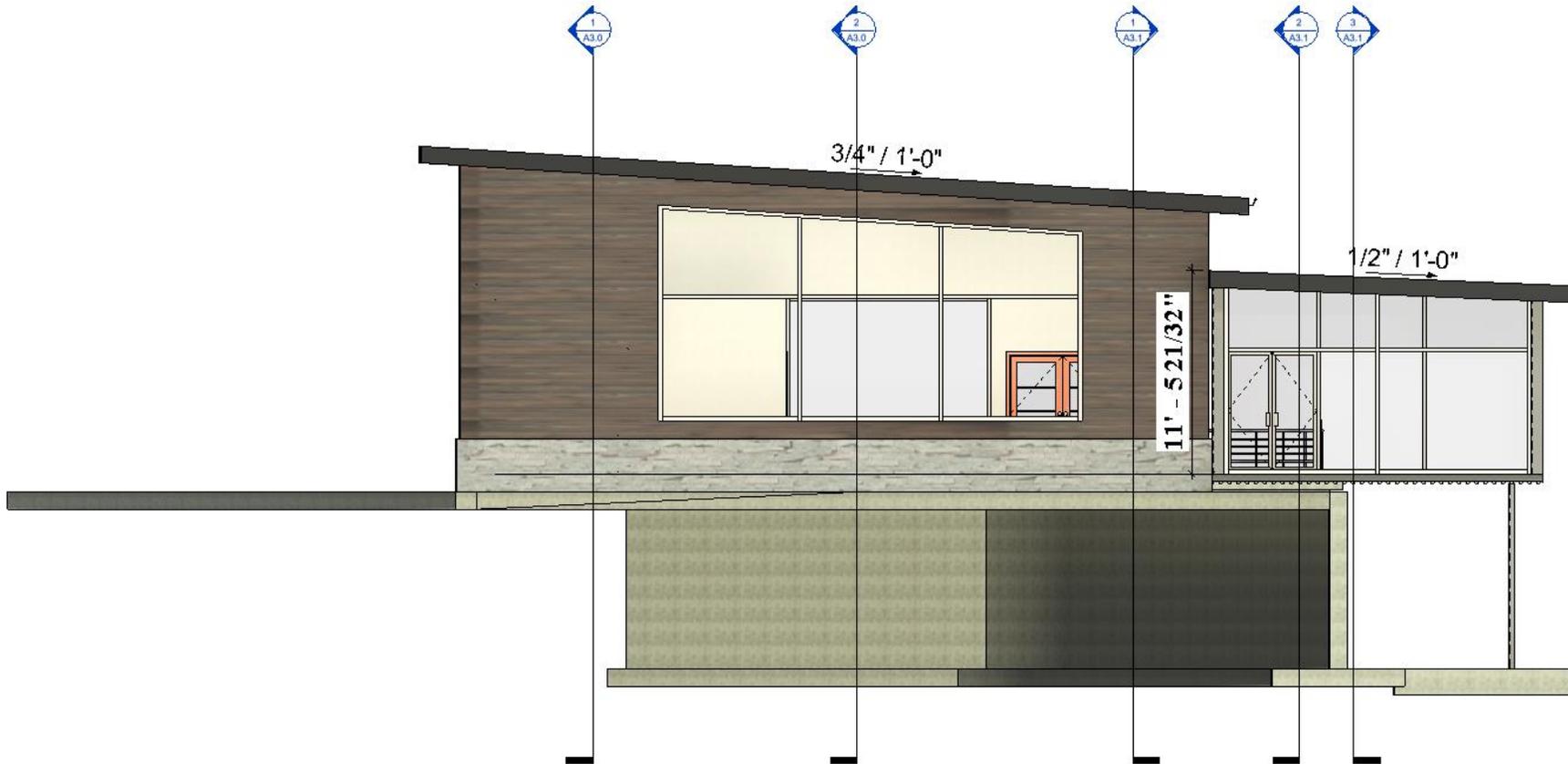
Elevation View South



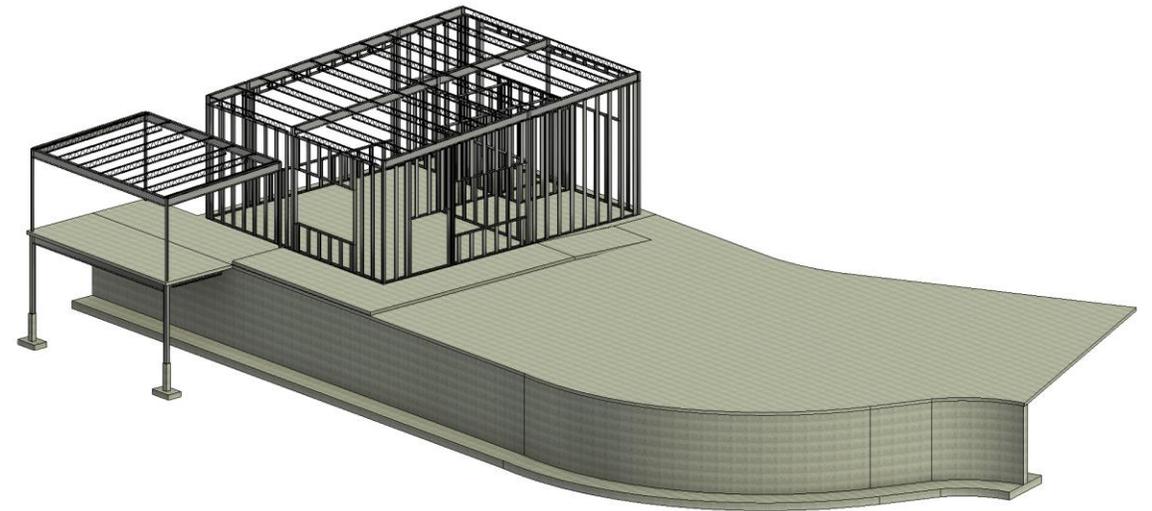
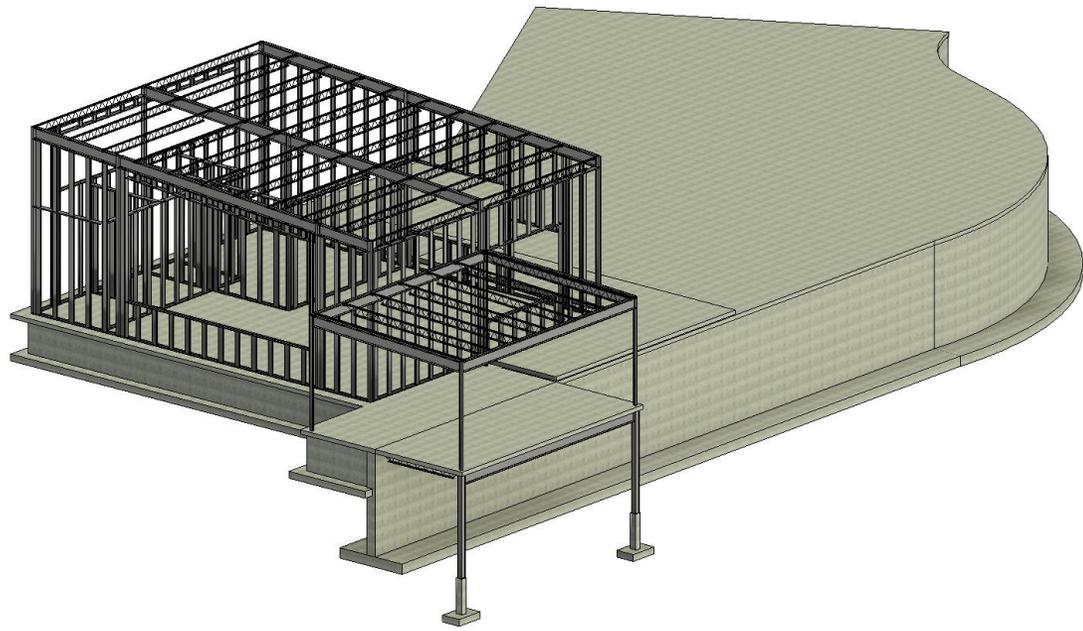
Elevation View East



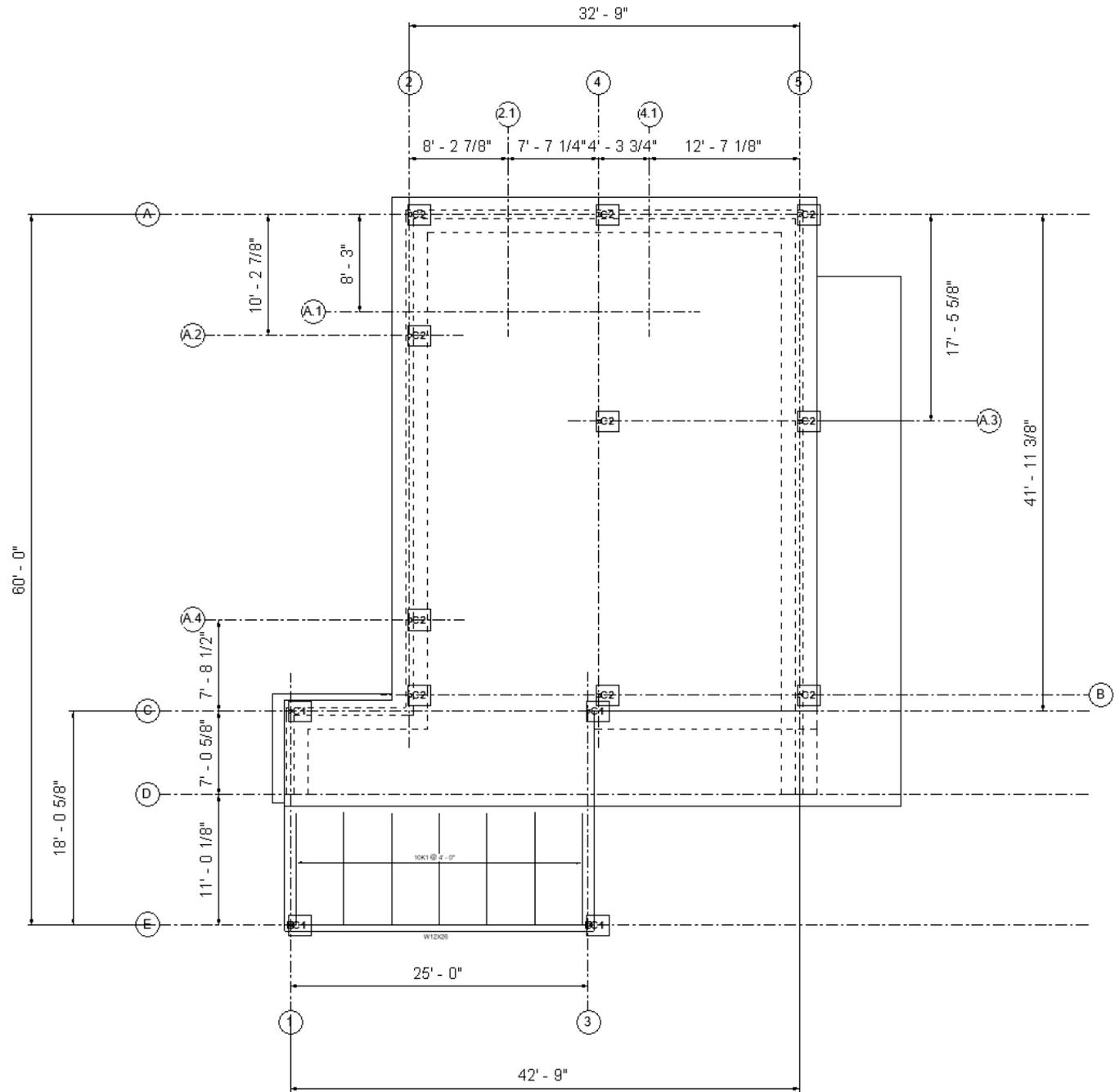
Elevation View West



Engineering Frame Design



Structural Floor Plan



Project Cost

- Site Design Cost = \$120,000
- Finishing Material Cost = \$360,000
- Structural Material Cost = \$214,000
- General contractors overhead and profit – 10%
- Contingency – 10%
- Engineering/Architectural administrative fee - 5%

Total Project Cost = \$700,000



Questions?

Total Cost Breakdown

- Site Total = \$120,000
 - Earthwork = \$73,000
 - Pavement = \$38,000
 - Utilities = \$7,000
 - Erosion Control = \$2,000
- Material Total = \$360,000
 - Store Front, Glass = \$115,000
 - Store Front, Mullions = \$92,000
 - Limestone Veneer = \$45,000
 - AC System w/ Electric Heating = \$5,500
 - Water Heater = \$2,500
- Structural Total = \$214,000
 - Retaining Wall = \$63,000
 - Metal Stud Framing = \$44,000

Cost Item	Cost
Site	\$ 96,000
Material	\$ 288,000
Structural	\$ 171,200
	\$ 560,000
Contengency	10%
Overhead and Profit	10%
Administrative Fees	5%
Total Project Cost	\$ 700,000