

New Path 2

Project Team :

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Sponsors
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Background

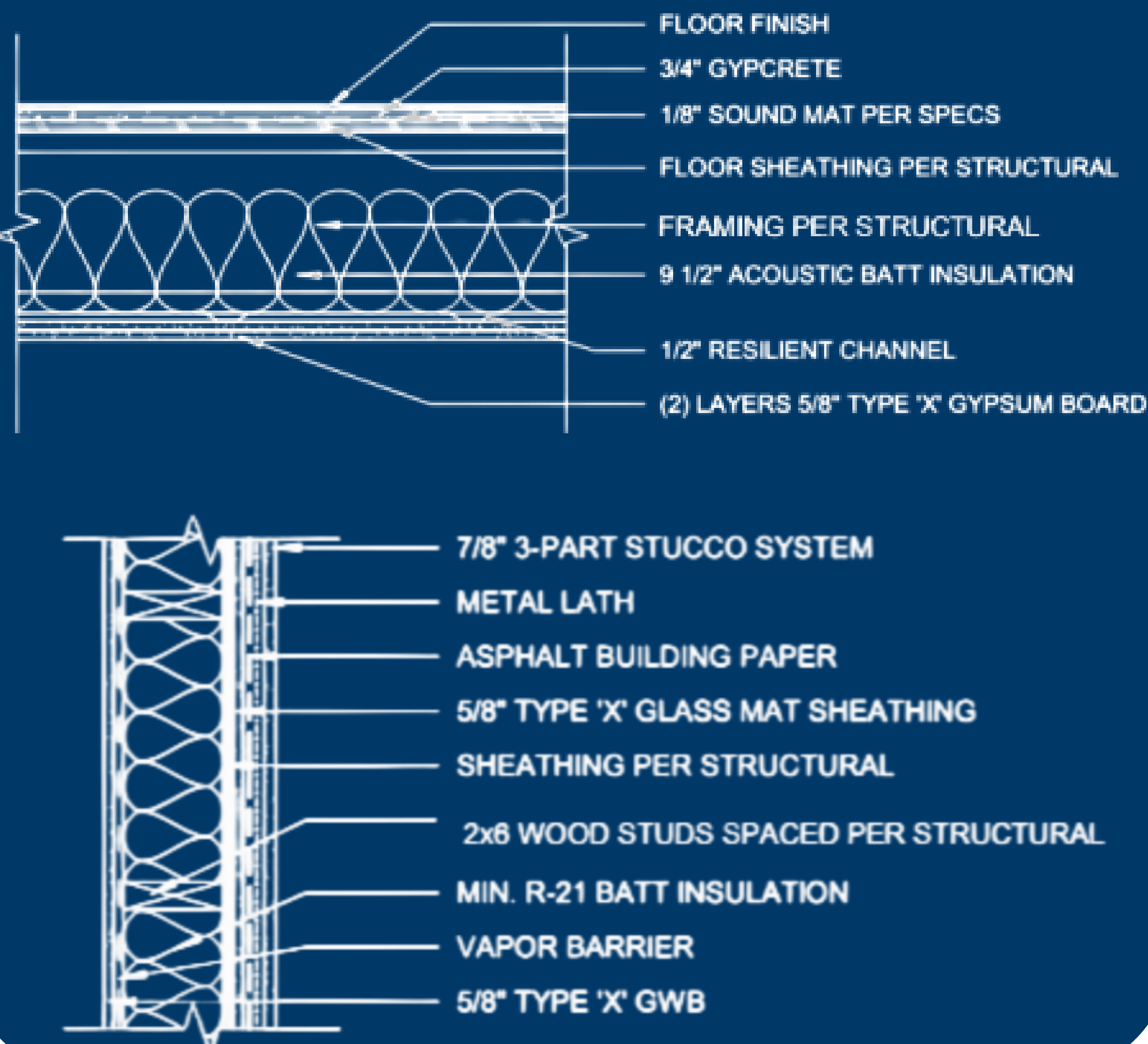
New Path 2 is the next step in the campaign for affordable housing in Boise, Idaho. The purpose is to stimulate the local economy and provide families with low cost housing.

Site Location

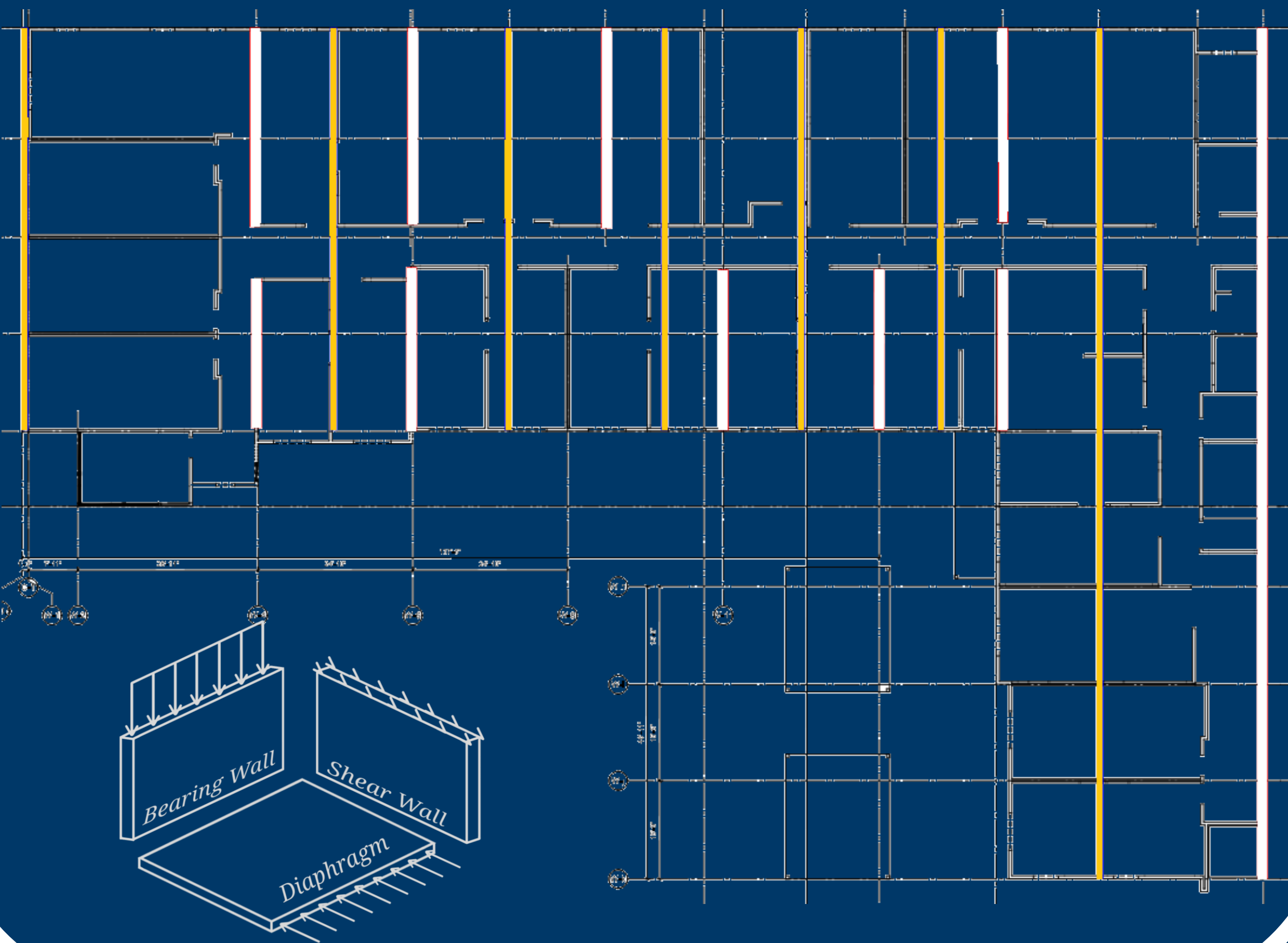


The site is located in downtown Boise, Idaho on the corner of Fairview Ave. & 23rd St.

Architectural Information



Floor Plan



Goals/Objectives

- Calculate the main gravity and lateral elements
- Design 5-story podium-style timber structure

Codes/Resources

- IBC 2018
- ASCE 7-16
- AWC 2018
- RSMMeans 2022

Loading and Design

Loads	Magnitude
Dead	23 psf
Live	40 psf
Snow	25 psf
Wind	14 - 21 psf
Seismic	32 - 123 kip

Cost Estimate

Story Components	Cost/story
Interior Bearing Wall	\$ 64,279.23
Exterior Bearing Wall	\$ 37,637.90
Floor	\$ 150,631.79
Total Cost/Story	\$ 252,548.92
Roof Cost	\$ 87,321.86
Total Cost (5 stories + Roof)	\$ 1,350,000