Note: Click on the images to enlarge them
Click on the arrows to navigate through the project

View from Approach

Water Resource Experiment Station

Dani Hoff Arch 771 Mark Barnhouse Fall 2011

Water Resource
Experiment Station

Office Hall

Entry

Lower Level Floor Plan

Mezzanine Floor Plan

Entry Level Floor Plan

S1

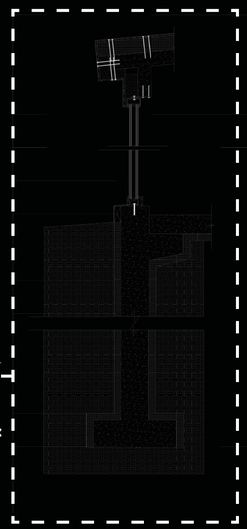
S2

N

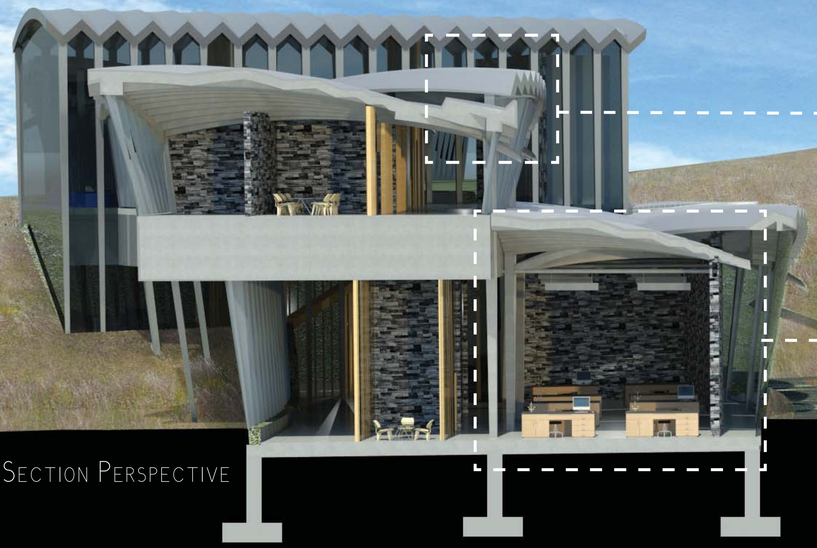
1 - Private Offiices
2 - Small Conference Rooms
3 - Large Conference Room
4 - Lunch Room
5 - Bathrooms
6 - Computer Server Room
7 - Entry/Reception
8 - River Viewing Lounge
9 - Gallery
10 - Director's Office
11 - Mail Room/Storage
12 - Presentation Room
13 - Group Work Spaces
14 - Mechanical Space
15 - Laboratory
16 - Apparatus Room

S1 - Longitudinal Section Perspective

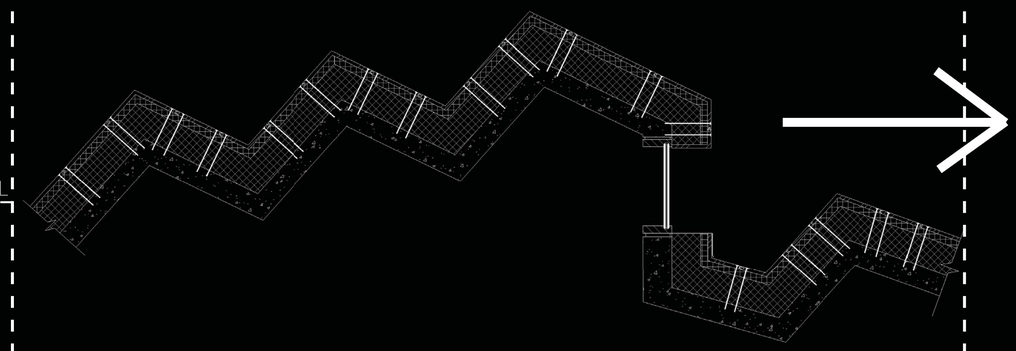
Typical Wall Detail



Lab Room



S2 Transverse Section Perspective



Clear Story-Roof Detail

Presentation Room

BACK

BACK

BACK

BACK

SITE PLAN

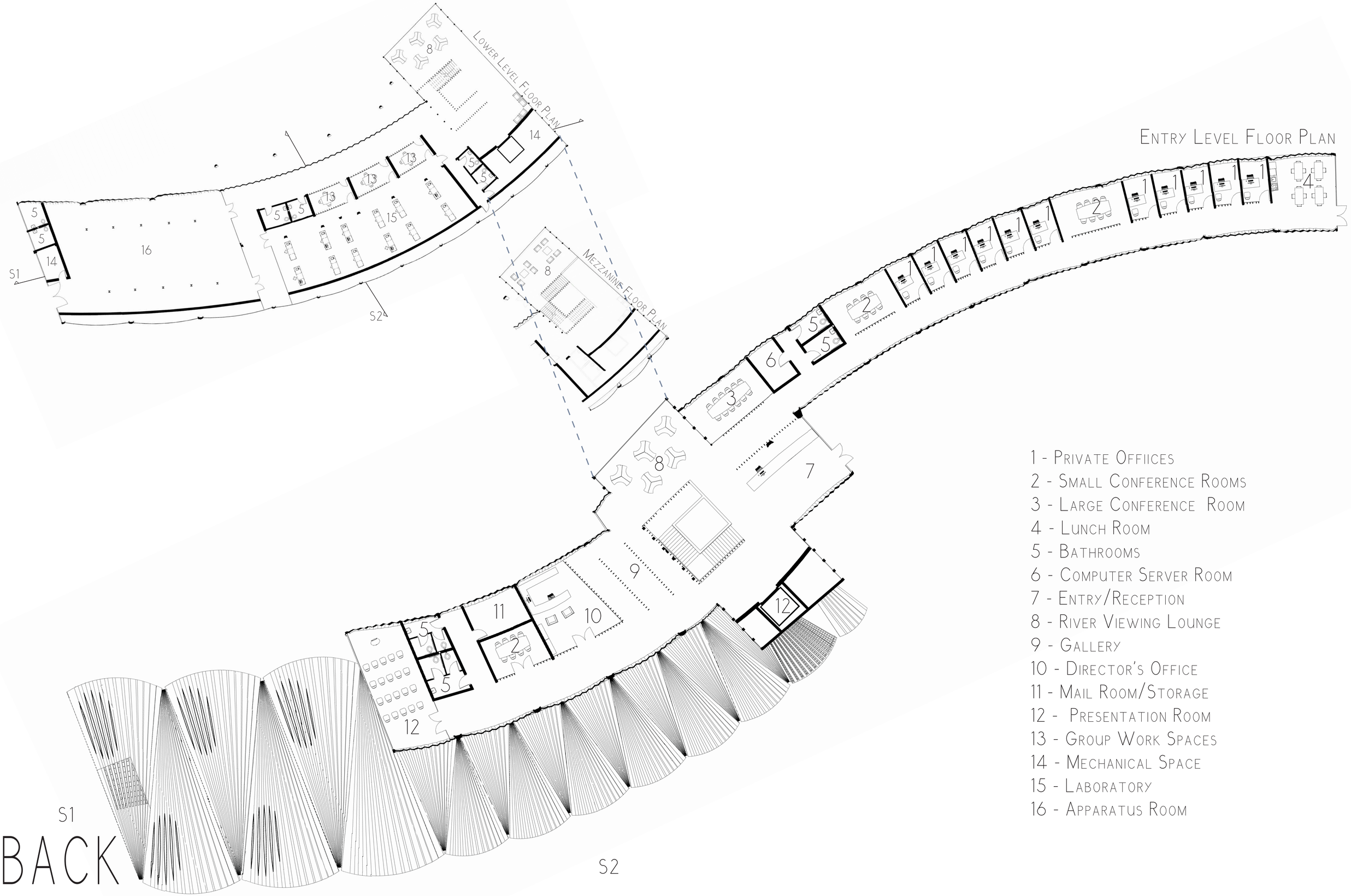
VIEW FROM RIVER

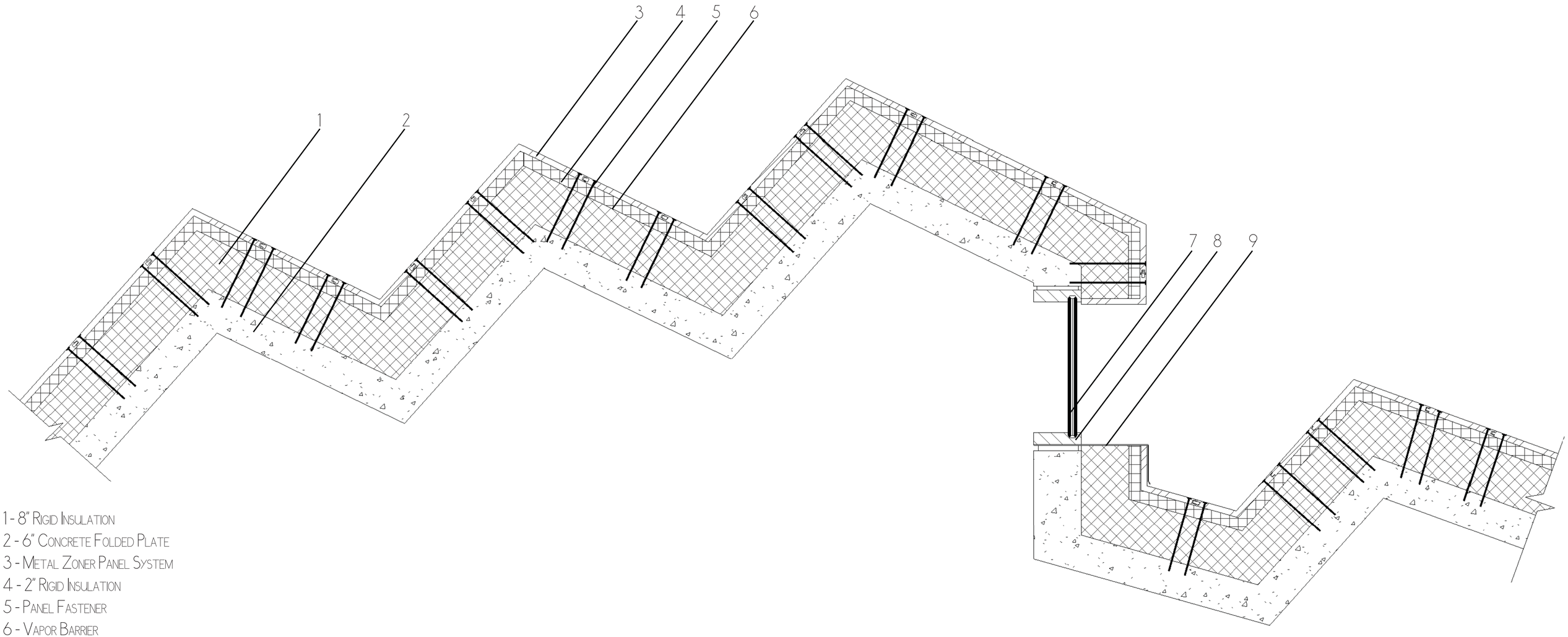
BACK

PARKING
POND 1
POND 2
POND 3
BACK

BACK

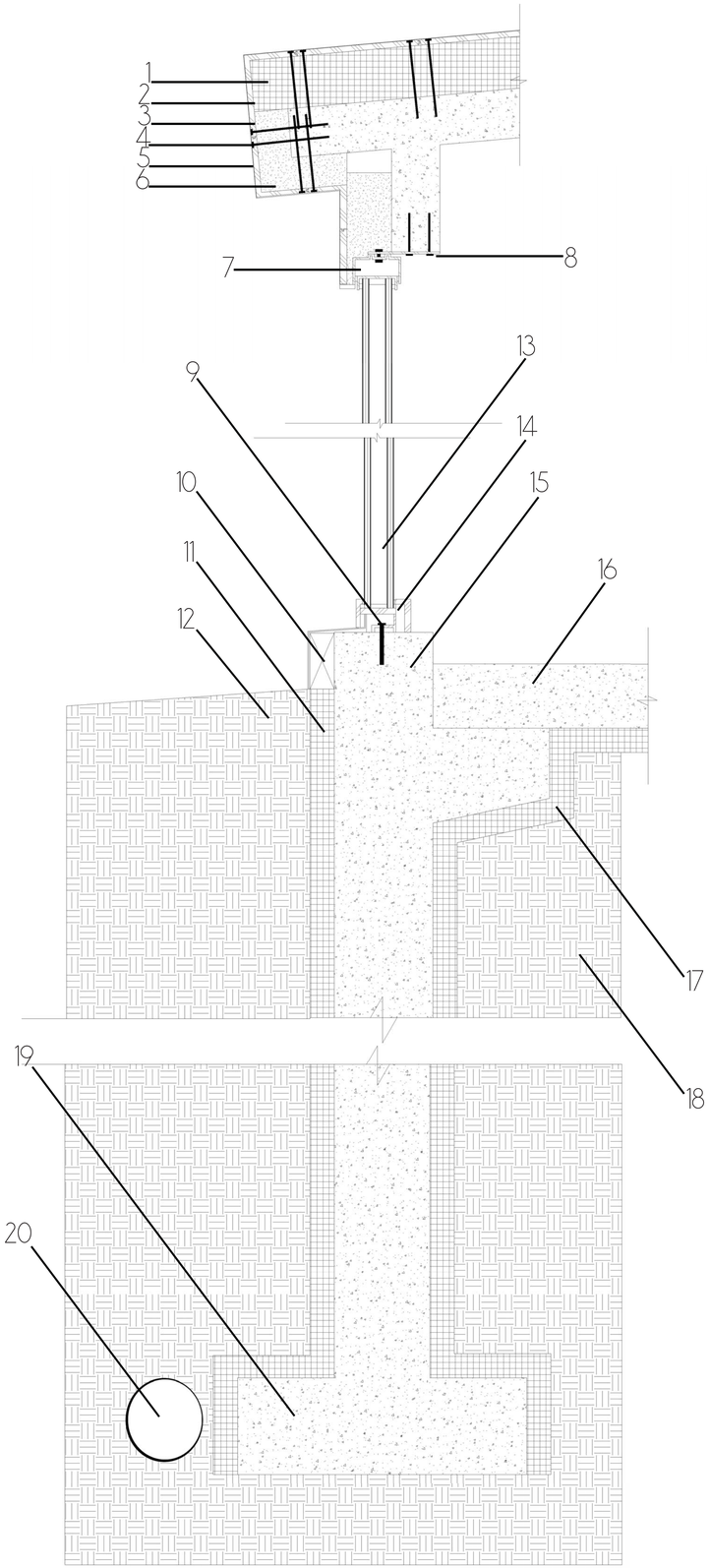
BACK


Lower Level Floor Plan
Mezzanine Floor Plan
Entry Level Floor Plan
S1
S2
BACK
1 - Private Offiices
2 - Small Conference Rooms
3 - Large Conference Room
4 - Lunch Room
5 - Bathrooms
6 - Computer Server Room
7 - Entry/Reception
8 - River Viewing Lounge
9 - Gallery
10 - Director's Office
11 - Mail Room/Storage
12 - Presentation Room
13 - Group Work Spaces
14 - Mechanical Space
15 - Laboratory
16 - Apparatus Room



1 - 8" Rigid Insulation
2 - 6" Concrete Folded Plate
3 - Metal Zoner Panel System
4 - 2" Rigid Insulation
5 - Panel Fastener
6 - Vapor Barrier
7 - Clear Story Window
8 - Aluminum Window Casing
9 - Flashing

BACK



1 - 8" Rigid Insulation
2 - Vapor Barrier
3 - 2" Rigid Insulation
4 - Panel Fastener
5 - Metal Zoner Panel System
6 - Spray-In Foam Insulation
7 - Channel Glass Assembly
8 - Channel Glass Assembly Fastener
9 - Channel Glass Anchor
10 - Foot Board
11 - 2" Rigid Insulation
12 - Earth
13 - Channel Glass
14 - Channel Glass Assembly
15 - Footing Wall
16 - Concrete Slab
17 - 2" Rigid Insulation
18 - Earth
19 - Footing
20 - Drain Tile

BACK

BACK

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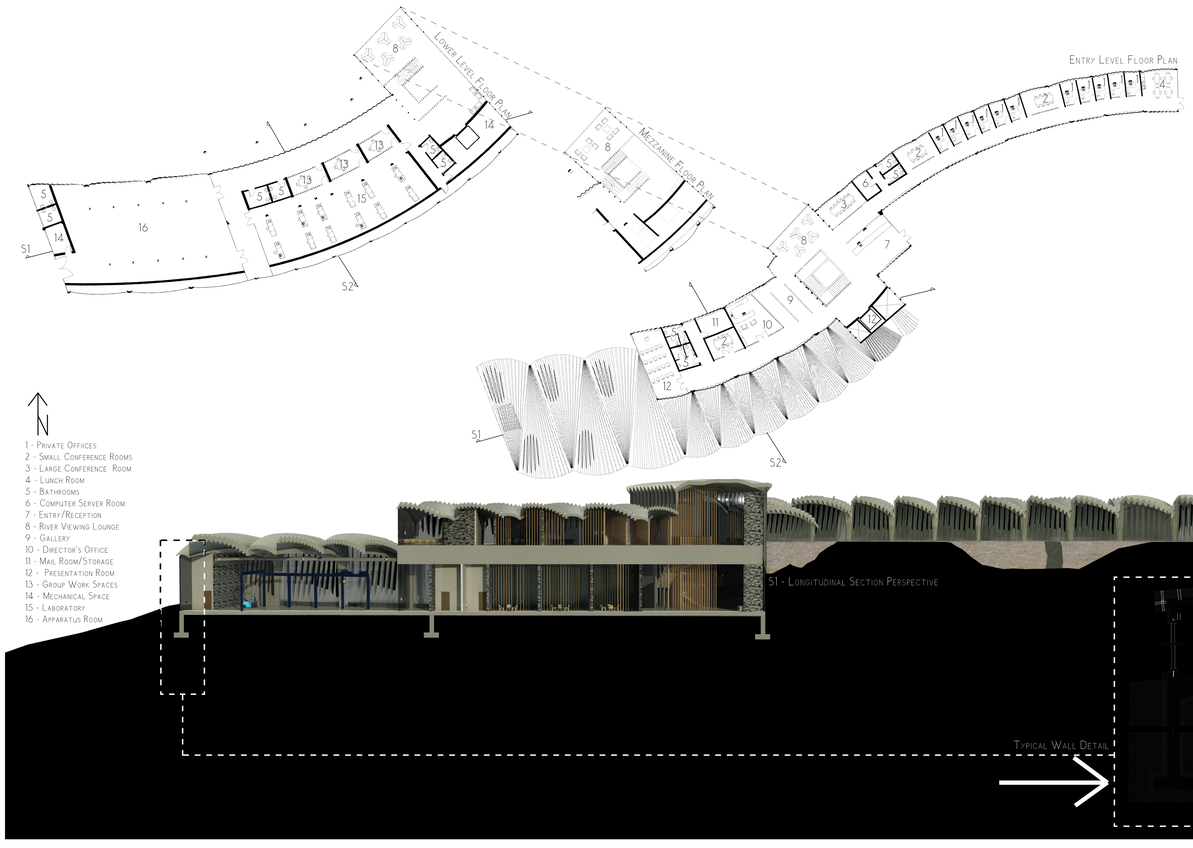
View from Approach

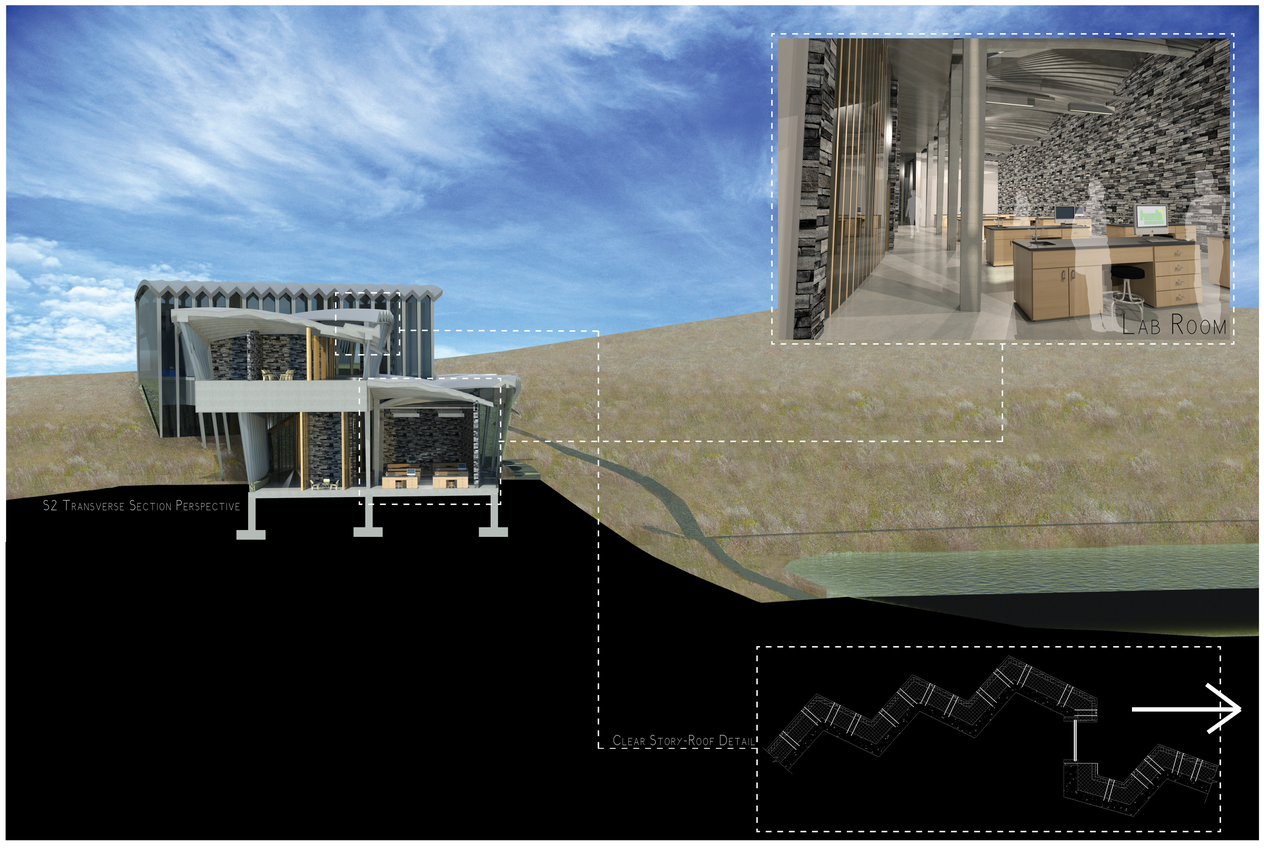
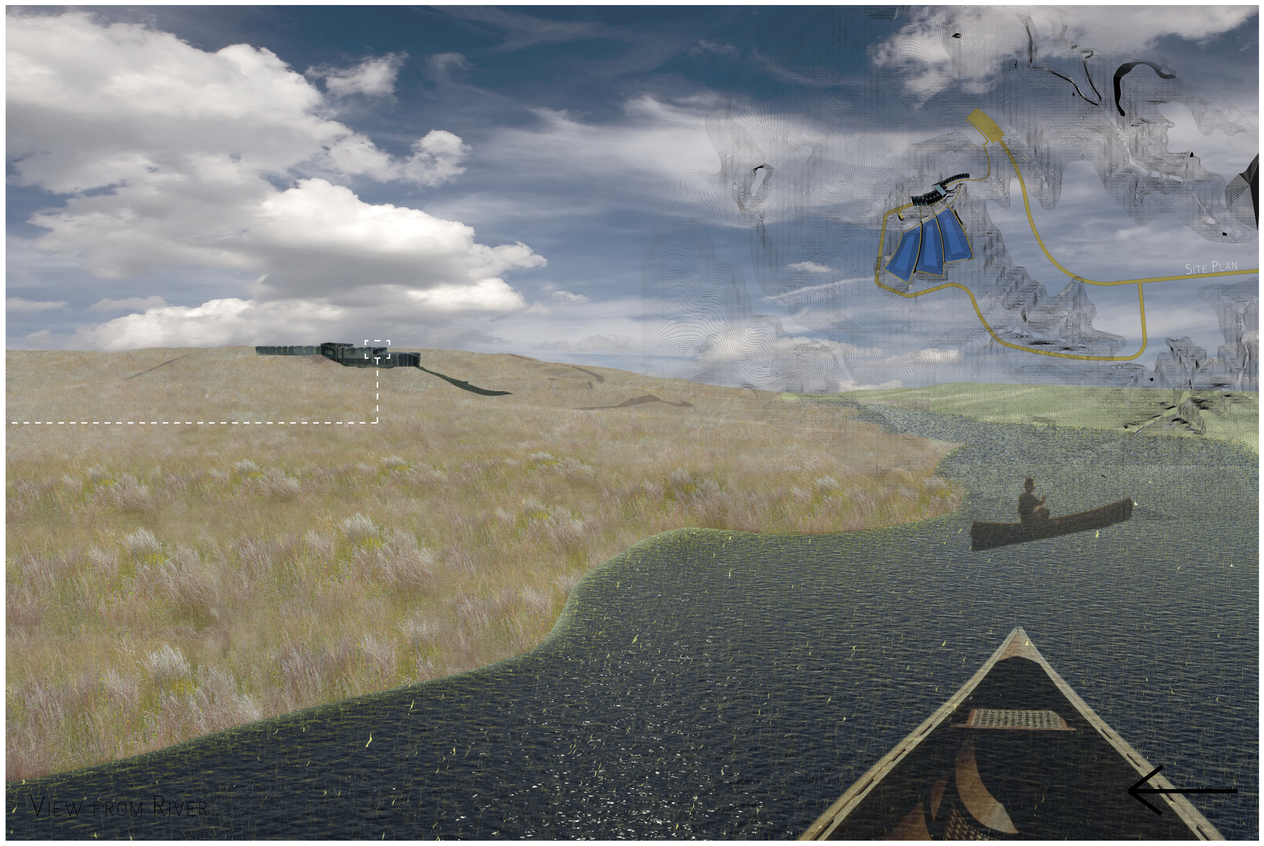
Water Resource Experiment Station

Dani Hoff Arch 771 Mark Barnhouse Fall 2011

Office Hall

Entry



S1 - Longitudinal Section Perspective

Typical Wall Detail