ADV Curtain Wall
Qingying Wang
Instructor: Robert Heiniges
Daniel Vos
1.25" Translucent Glass

3-4" Aluminium Pipe

1.25" Translucent Glass

1.25" GFRC Concrete Panel

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3" Aluminium Pipe

4" Aluminium Pipe (Stretched during Fabrication)

1.25" Translucent Glass

1.25" Translucent Glass with Low-E coating

4" Aluminium Pipe

2" Continuous Mineral Wool Insulation

1.25" GFRC Concrete Panel

ADV Curtain Wall Roadmap

Qingying Wang (qw2246)
WT1 Typical Section Detail

1/2" = 1'-0"

1.25" GFRC Concrete Panel
Joint between Two Pipes
Aluminium Pipe at 4" Diameter

6" Metal Deck
18" Deep Beam

4" Continuous Mineral Wool Insulation

1" interior Finish

1.25" Translucent Glass with Low-E coating
Aluminium Pipe at 3" Diameter

WT1 Typical Plan Detail

1/2" = 1'-0"

2" Continuous Mineral Wool Insulation

1.25" GFRC Concrete Panel
Aluminum Extrusion of 1/8"
6” Roof Insulation
6” Metal Deck
18” Deep Beam
Continuous Insulation
1” Interior Finish
Translucent Glass with Low-E Coating

Water Vapor Barrier
Roof Finish
Moullion Typical Plan Detail
6" = 1' - 0"