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Paisley Mill

Architecture - Studio 6 Project

Winter 2022

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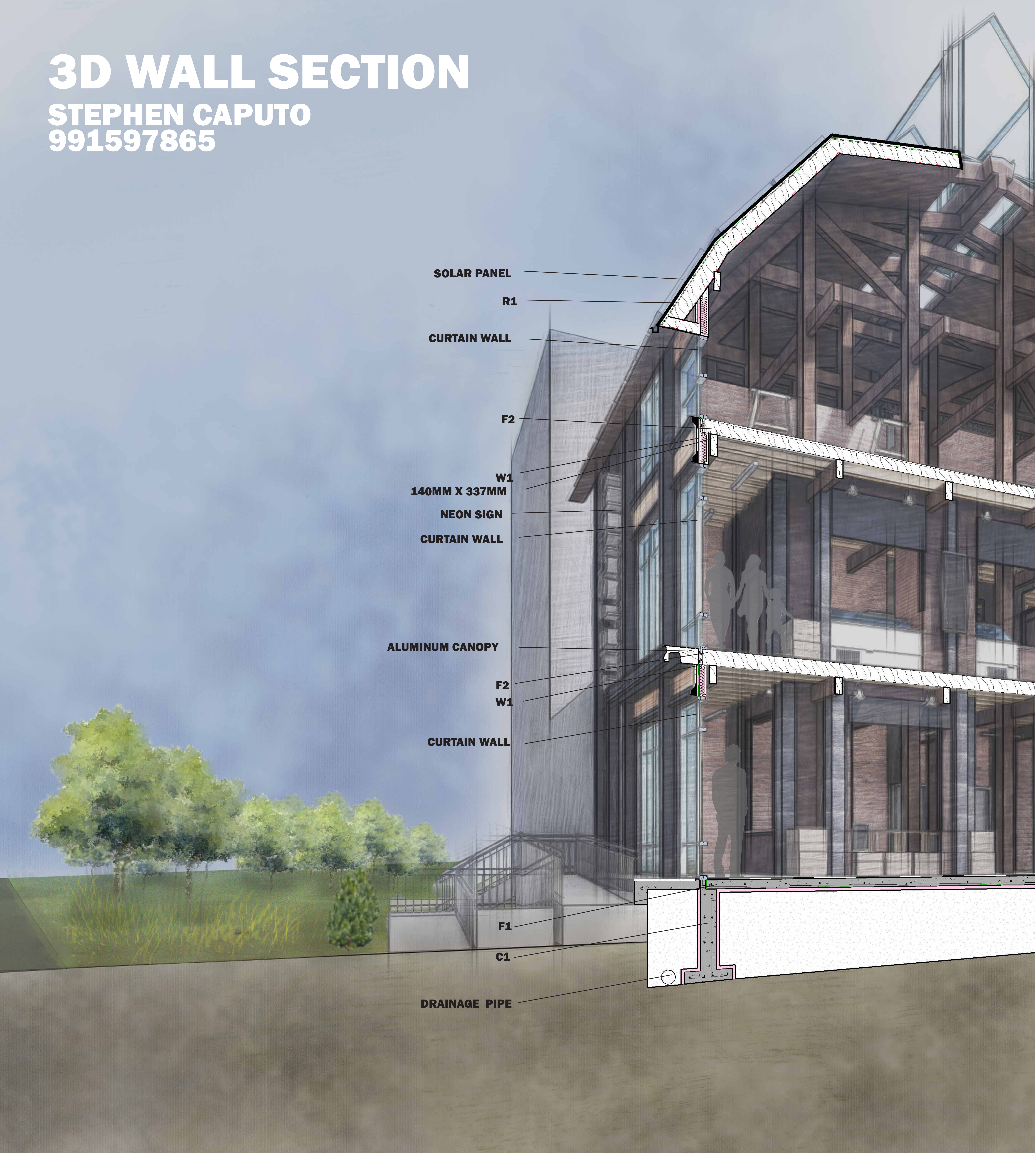
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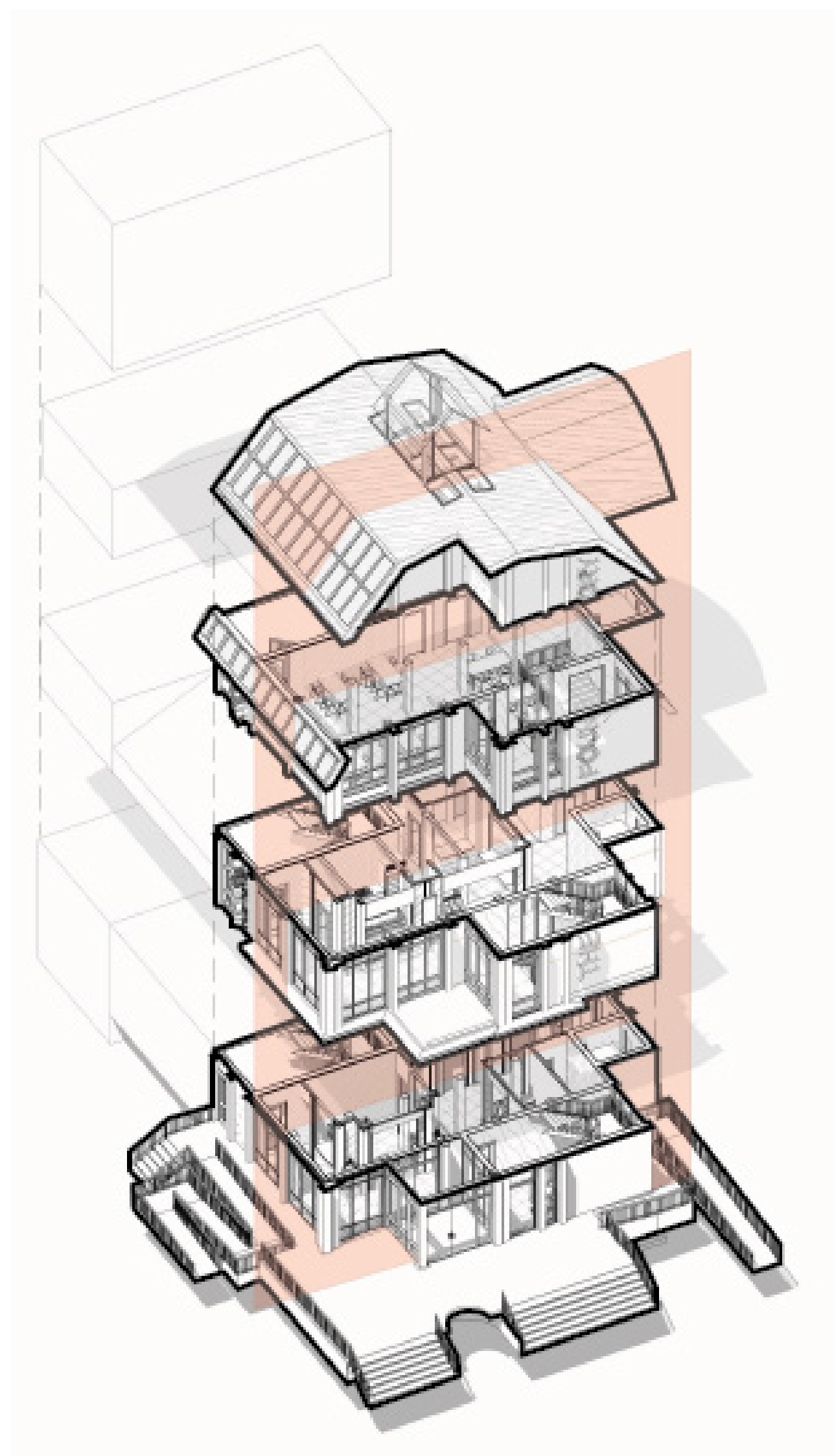
3D WALL SECTION

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The idea behind the renovation of the historic Paisley Mill was to reflect the community around it. The Foundry was designed with open space that gives the opportunity to the community to showcase an experience of what Paisley has to offer. Walking through The Foundry should feel as you are walking into a local market.

It was important to the design to reuse as much of existing structure. Heavy timber construction has been continued throughout the building and features as the main aesthetic which everything else is designed around. The original cladding has been restored and all additions added are all reused material. The building utilizes solar energy which, in conjunction with the design, reduces the carbon footprint of the building. The Foundry was created to add more to its surroundings while reducing what it takes away.



LEGEND

W1

REFURBISHED WOOD PLANKS
50MM X 50MM WOOD FURRING W/
25MM RIGID INSUL.
AIR BARRIER
13MM SHEATHING
140MM WOOD JOIST W/BATT INSUL.
VAPOUR BARRIER
13MM GYPSUM BOARD
INTERIOR FINISH

R1

ASPHALT SHINGLES
BUILT-UP BITUMEN
ROOF MEMBRANE
50MM RIGID INSUL.
VAPOUR BARRIER
13MM ROOF SHEALTHING
235MM ROOF JOIST

F1

8MM STONE TILE
2MM MORTAR
160MM CONCRETE SLAB
VAPUR BARRIER
50MM RIGID INSUL.

F2

8MM STONE TITLE
2MM MORTAR
13MM SHEATHING
140MM X 241MM HEAVY TIMBER BEAM

C1

50MM RIGID INSUL.
300MM CAST-IN-PLACE CONCRETE
50MM RIGID INSUL.