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Paisley Mill

Architecture - Studio 6 Project

Winter 2022

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Design Intent Statement

The presented design responds to client wish to retain the historic part which the modern circular addition attached to the existing part.

The design goal was to create the local store, museum of historic part, restaurant, library, art Gallery, Studio work spaces.

The existing part of building is heavy Timber wood structure supporting a four storey building. The Timber columns & beams kept in place as a historical part for existing part. For the add on circular part of building are using steel joists for floors. For new building used steelconcrete Column.

R1:Roof Assembly
 10 mm asphalt shingle
 50 mm Roofing EPDM membrane
 16 mm sheathing
 Pre engineered Roof trusses @60 mm o.c.

W2: Stone Panel Wall Assembly
 100 mm Stone Cladding
 28 mm ventilated cladding
 100 mm Rigid Insulation
 8" fiberglass clips Stainlesssteel Anchor
 6 Mil Air Barrier
 38 mm Cavity
 13mm G.W.B

F2:
 13 mm Engineered Wood Framing
 16mm Floor Sheathing
 38 x 286 Joists @600 o.c.

W1: Concrete wall Assembly
 waterproofing/crack prevention membrane
 5mm drainage board
 25mm Rigid Insulation
 600 mm Concrete wall
 16 Mil Vapour Barrier

F1:Concrete Floor
 200 mm Concrete Slab with welded wire mesh
 25 mm Rigid Insulation
 HDX 6 mil heavy drop sheet vapour guard

**BAHAR ALIBEIK
 PAISLEY 3D WALL SECTION**