

DETAIL

1/5 Scale

A Roof Construction

Alucobond Sheet 6 mm x 2 (spaced 62mm apart)
Waterproofing membrane
Sound insulation board 10 mm
Rigid insulation foam 40 mm

B Floor Construction

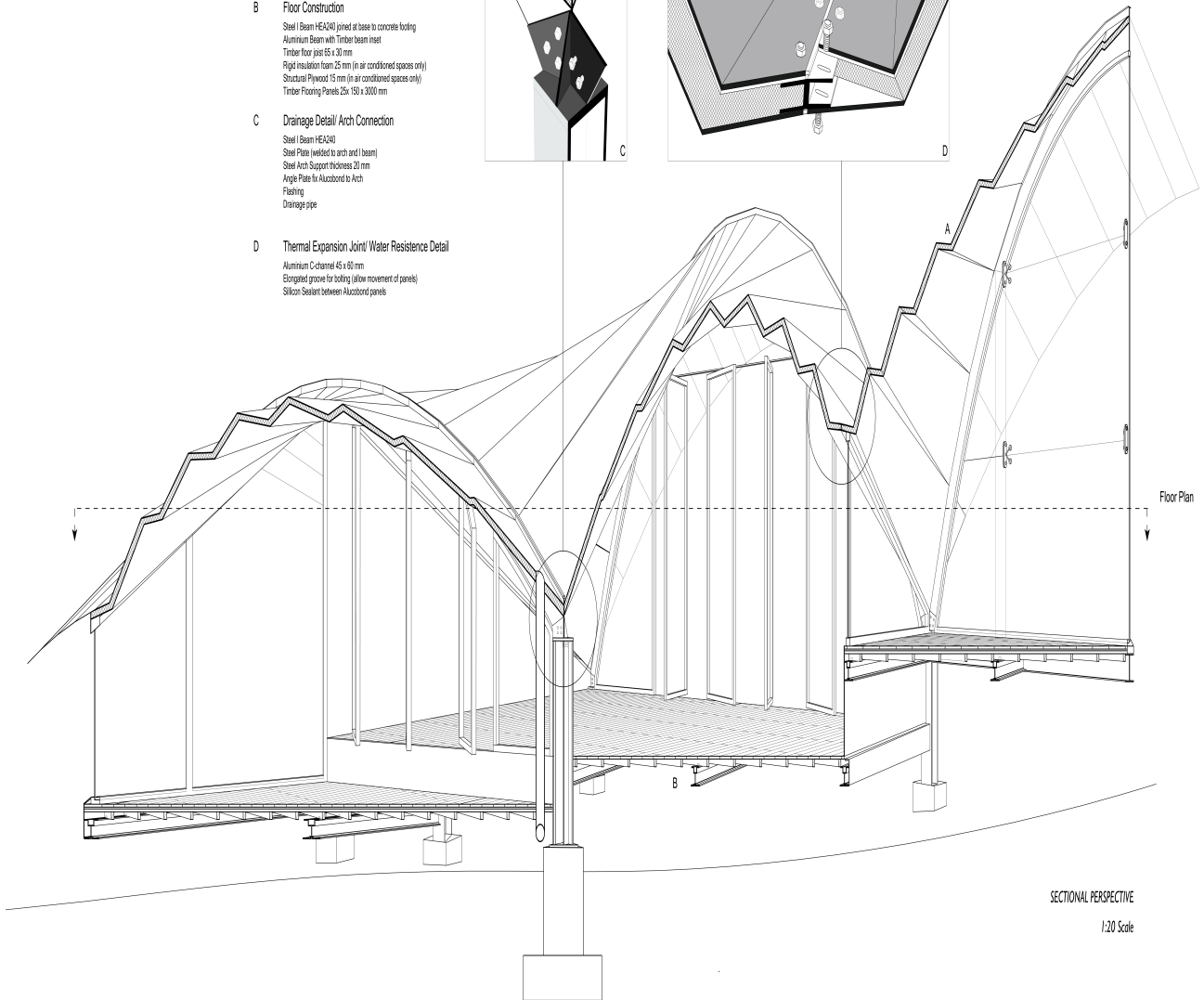
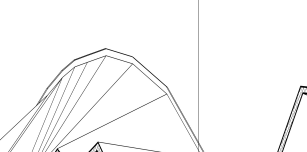
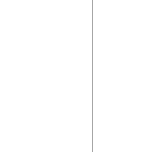
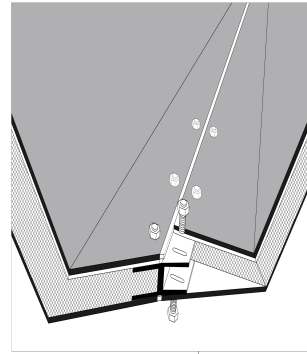
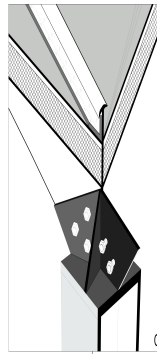
Steel I Beam HEA240 joined at base to concrete footing
Aluminium Beam with Timber beam inset
Timber floor joist 65 x 30 mm
Rigid insulation foam 25 mm (in air conditioned spaces only)
Structural Plywood 15 mm (in air conditioned spaces only)
Timber Flooring Panels 25w x 3000 mm

C Drainage Detail/ Arch Connection

Steel I Beam HEA240
Steel Plate (welded to arch and I beam)
Steel Arch Support thickness 20 mm
Angle Plate fix Alucobond to Arch
Flashing
Drainage pipe

D Thermal Expansion Joint/ Water Resistance Detail

Aluminium C-channel 45 x 60 mm
Elongated groove for bolting (allow movement of panels)
Silicon Sealant between Alucobond panels



SECTIONAL PERSPECTIVE

1/20 Scale