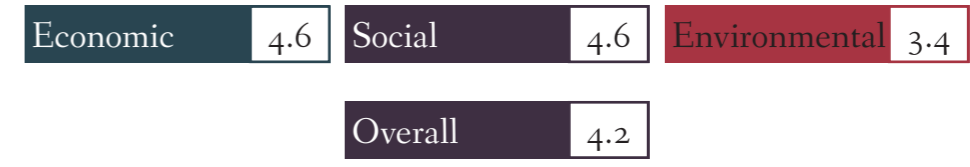
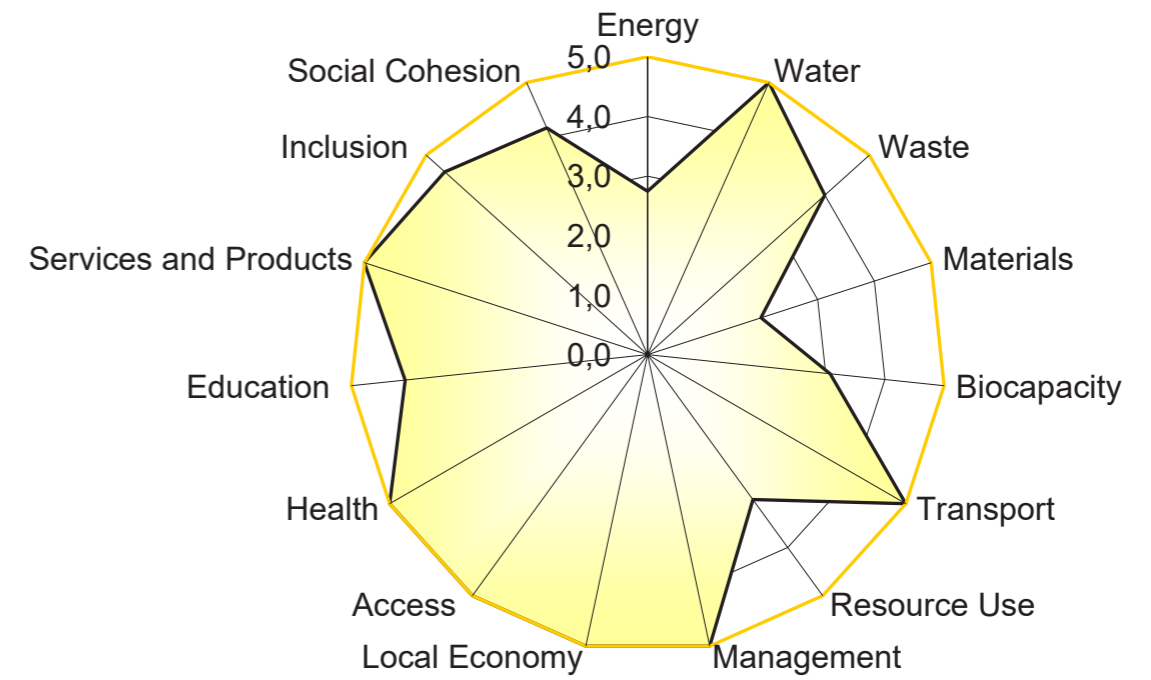


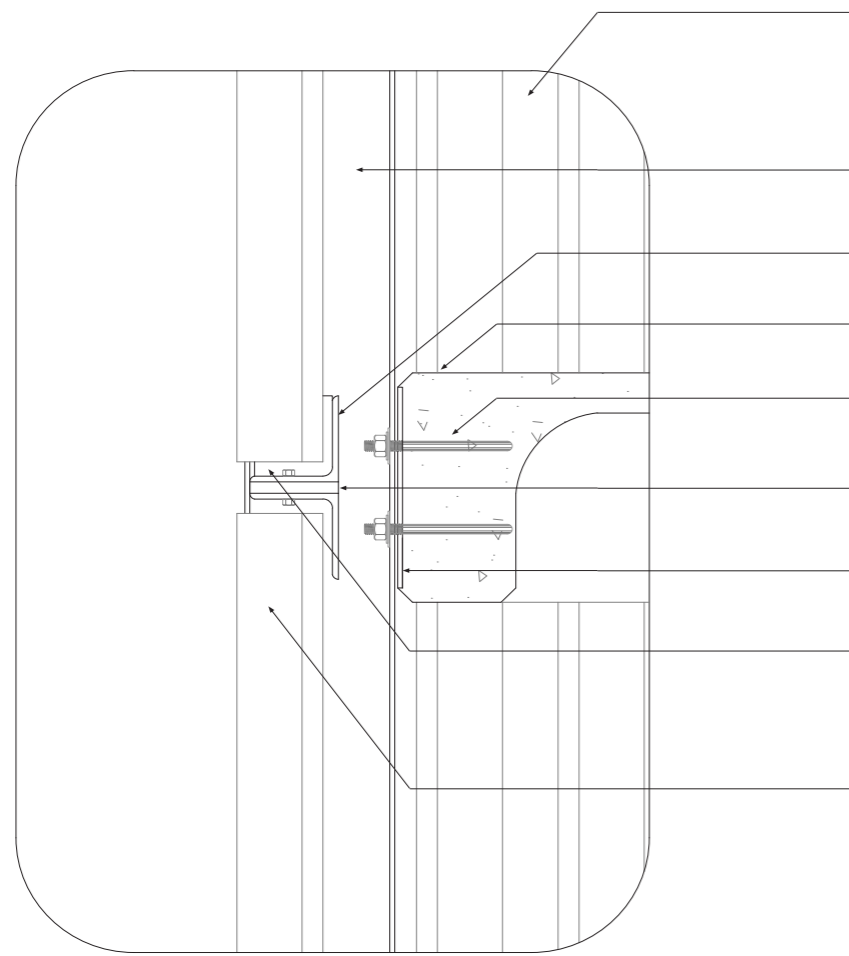
TECHNICAL
RESOLUTION

CHAPTER
07

INITIAL ASSESSMENTS SBAT RATING

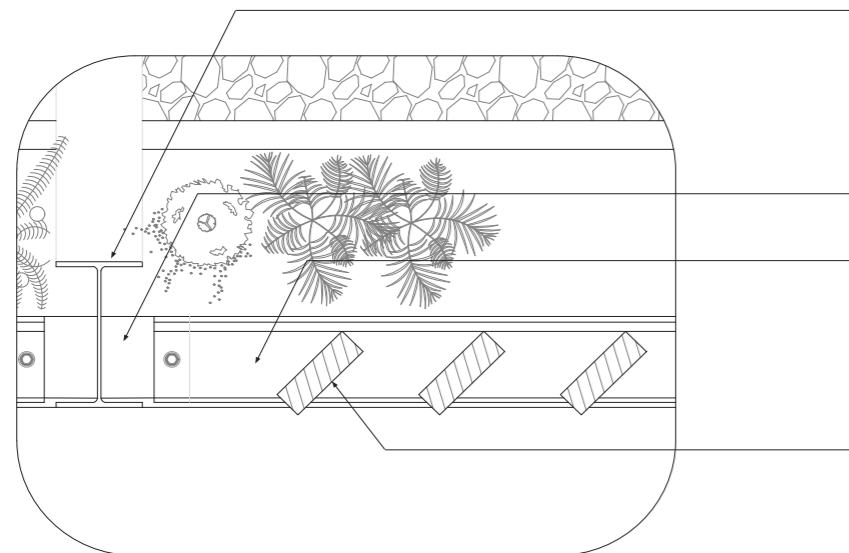


DETAIL 1



SECTION 1:5

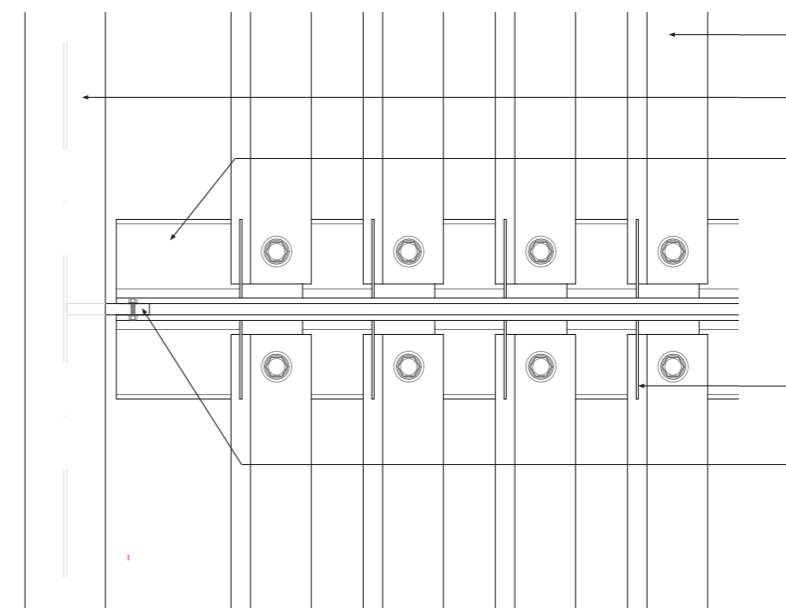
- 156 x 50mm laminated timber panel
- 254x146x31mm painted steel I-column fixed to concrete coffer slab with 4 x 50mm diameter anchor bolts
- 150x150x10mm painted steel equal angle bolted to 20mm base plate with 20mm diameter bolt
- cast in-situ concrete coffer slab with 400 x 200mm beams
- 50mm diameter anchor bolts
- 20mm painted steel base plate welded to inside of 254x146x31mm painted steel I-column
- 8mm steel base plate cast into coffer slab
- 4mm thick steel fins welded to 150x150x10mm painted steel steel equal angle @240mm cc
- 156 x 50mm laminated timber panel slotted in and bolted to 4mm thick steel fins using 40mm diameter bolt



PLAN 1:5

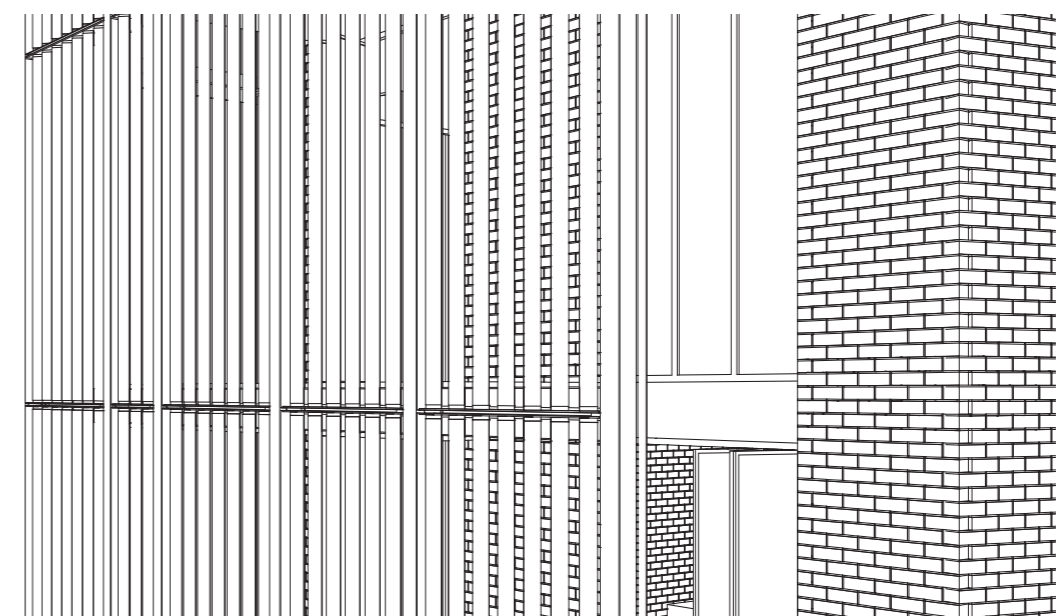
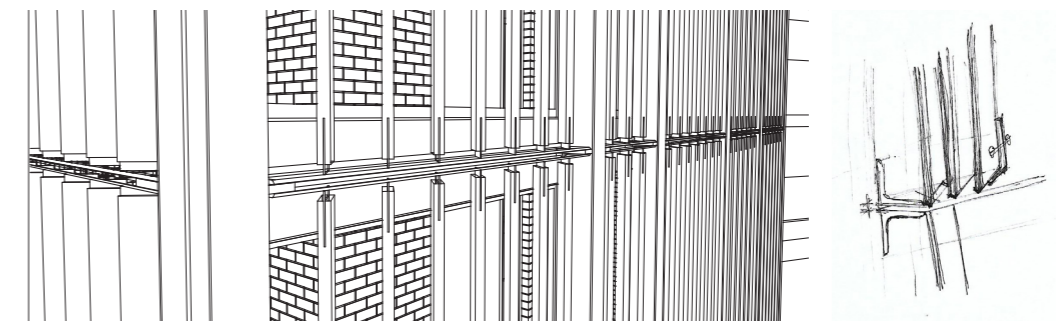
- 254x146x31mm painted steel I-column fixed to concrete coffer slab with 4 x 50mm diameter anchor bolts
- 20mm painted steel base plate welded to inside of 254x146x31mm painted steel I-column
- 150x150x10mm painted steel equal angle bolted to 20mm base plate with 20mm diameter bolt
- 156 x 50mm laminated timber panel slotted in and bolted to 4mm thick steel fins @ 240mm cc using 40mm diameter bolt

DETAIL 1



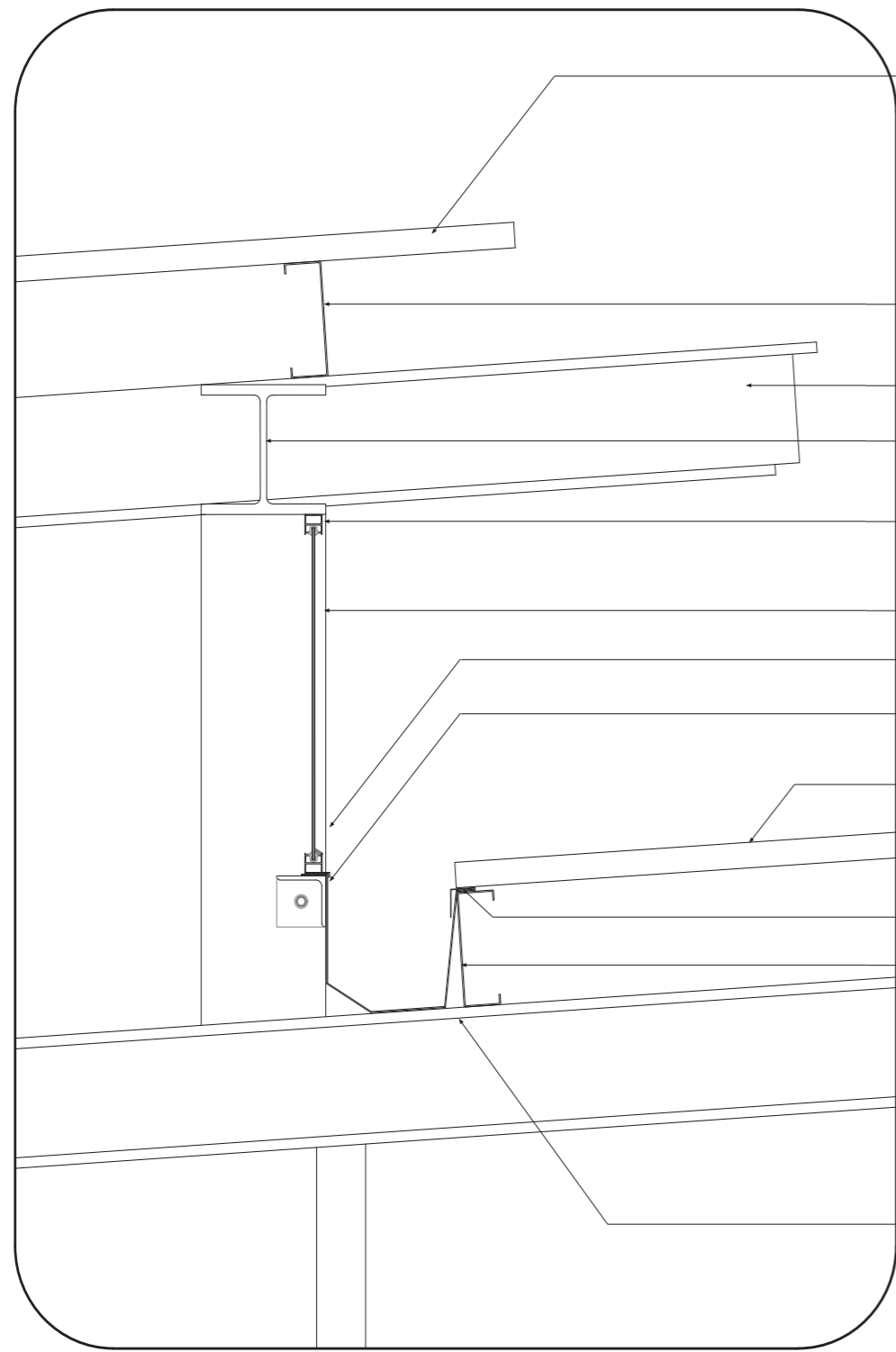
ELEVATION 1:5

- 156 x 50mm laminated timber panel slotted in and bolted to 4mm thick steel fins using 40mm diameter bolt
- 254x146x31mm painted steel I-column fixed to concrete coffer slab with 4 x 50mm diameter anchor bolts
- 150x150x10mm painted steel equal angle bolted to 20mm base plate with 20mm diameter bolt
- 4mm thick steel fins welded to 150x150x10mm painted steel steel equal angle @240mm cc
- 20mm painted steel base plate welded to inside of 254x146x31mm painted steel I-column



PERSPECTIVES OF STEEL & TIMBER SCREEN DETAIL

DETAIL 2



painted corrugated metal roof sheeting screwed to purlins

225x75x20mm painted steel lipped channel purlin bolted to steel beams at 1200mm cc

254x254x107mm painted steel H-beam welded to steel column at 5 degree slope

254x254x107mm painted steel H-beam welded between H-beams

painted aluminium window frame screwed to H-beam, as per manufacturers spec

double glazing

100x100x8mm equal angle welded to 100x100x8mm equal angle, bolted to H-column using 20mm diameter bolts

sealant

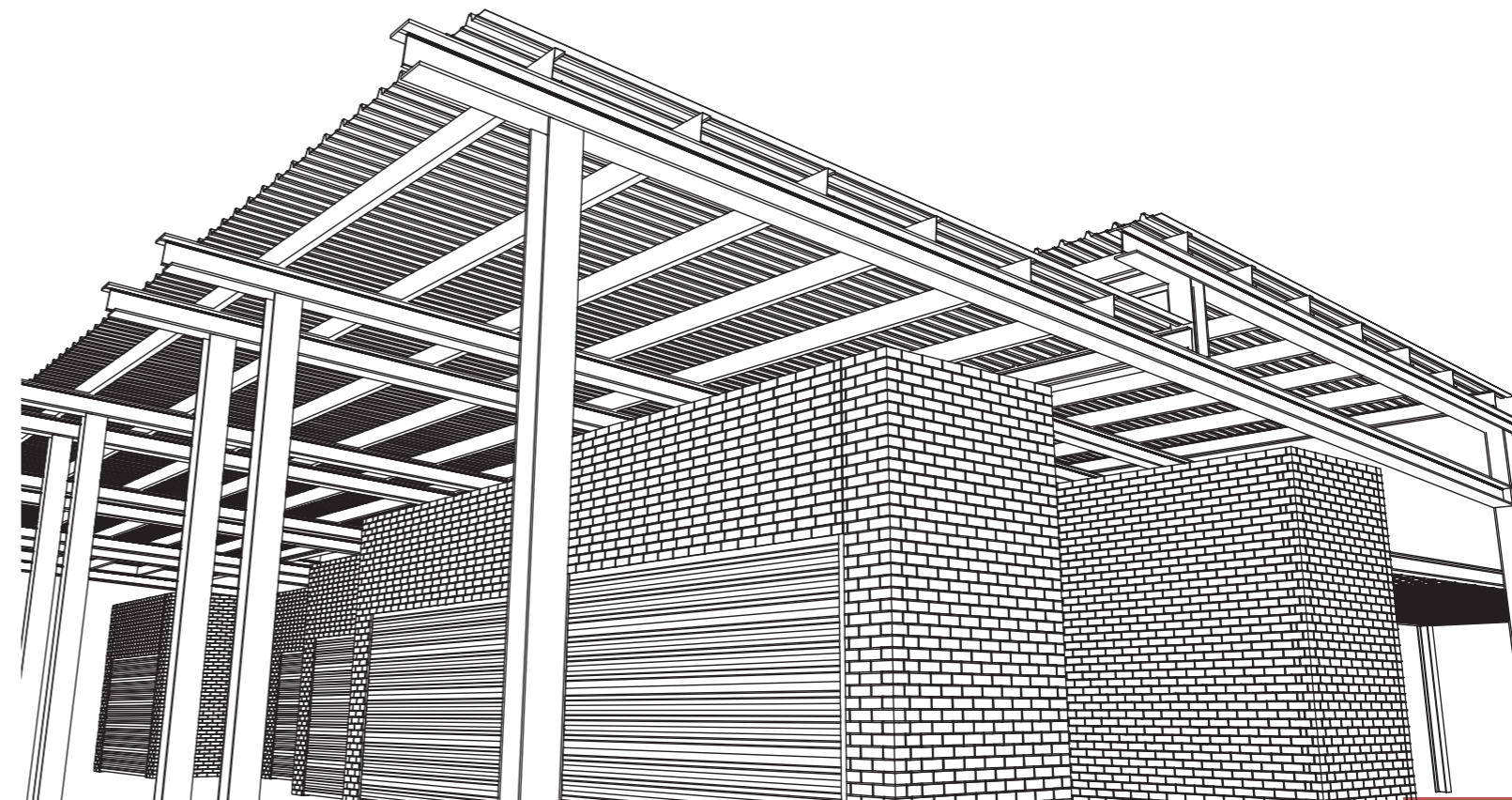
painted corrugated metal roof sheeting screwed to purlins

painted steel flashing

225x75x20mm painted steel lipped channel purlin bolted to steel beams at 1200mm cc

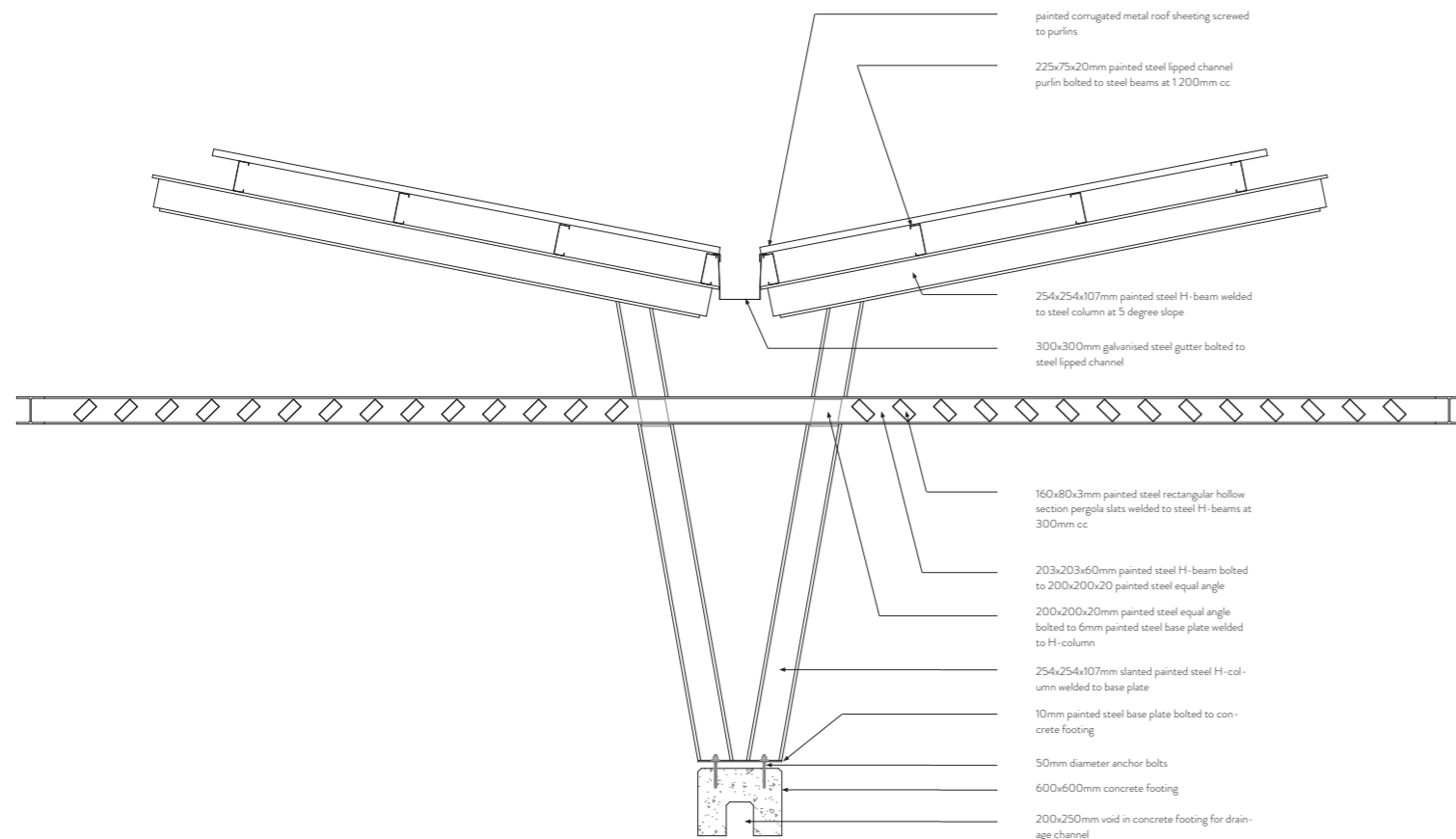
280x280mm galvanised steel gutter bolted to sloped H-beam

DETAIL 2

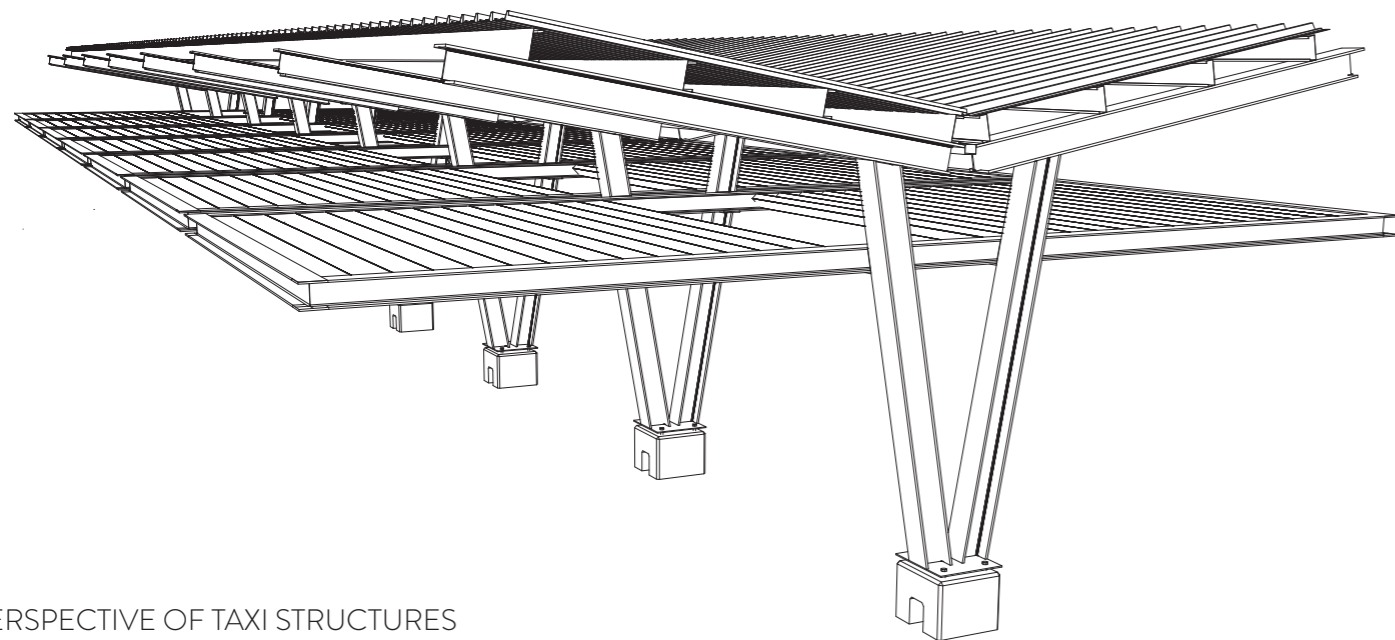


PERSPECTIVE OF TRADERS MARKET AND THE CLERESTORY WINDOW
DETAIL

DETAIL 3



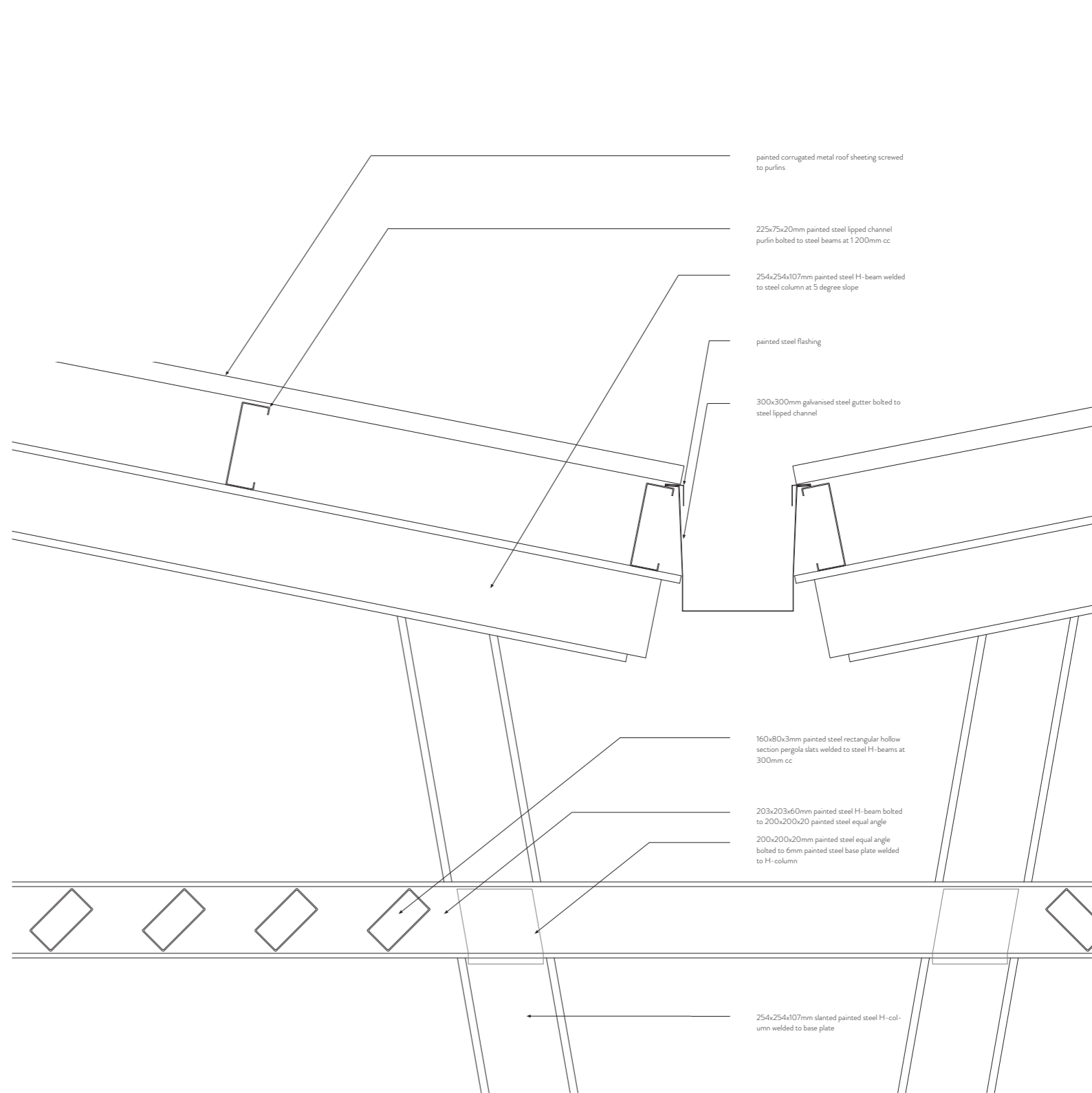
SECTION 1:20



PERSPECTIVE OF TAXI STRUCTURES

230

DETAIL 3



SECTION 1:5

231

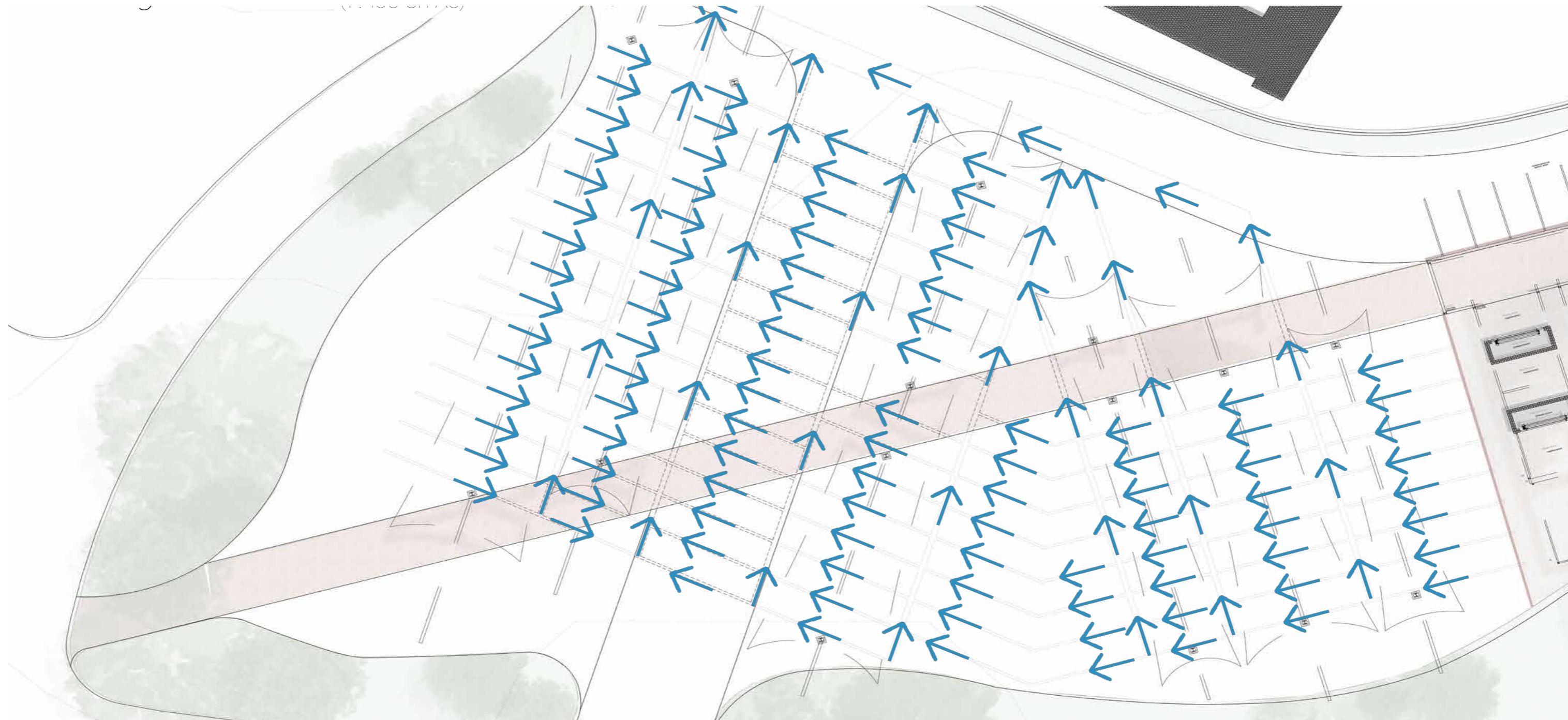


Figure 7.00 Water Harvesting System (Author 2021).