SUPPORT

Structure Exploded Axonometry
1. Steel truss structure
   300/300/16mm SHS cold-formed steel beam
   modular 5x5m post-beam structure
   diagonal members: steel hollow sections dimensions according to position
   and structural needs

2. Curtain Wall Facade
   12mm toughened and thermal glass triangular panels
   Curtain wall spider fixing attached to structure

3. Metal mesh fabric
   GKD Tigris PC metal fabric
   65% Transparent, wind/rain resistant
   5m long metal sheets hung from Extended look and eyebolts
   0.47-0.67 Light transmission

4. Removeable floor panels
   Pryda timber Floor Cassette
   5m-spanning ACB® cellular steel beams with circular openings
   100mm acoustic and thermal insulation

5. Green roof
   25 mm Vegetation Sedum blanket (mat product developed for use directly
   over the waterproofing system without the need for a secondary substrate
   growing medium)
   20mm SDF mat (Multi-functional drainage and filter layer which
   prevents the roots of the sedums from becoming waterlogged)
   100mm protective screed

6. Pre-cast concrete ramp with integrated drainage pipework and attached
   pre-cast concrete steps

7. Private entrance and interior structures out of CLT panel construction

Connection Detail

Scale 1:5

Structural Detailing

Scale 1:20
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Public Vertical Street
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Top Floor Attraction