INNOVATION FACTORY
LEUNG YEE HANG | PS PRESENTATION
1. 5mm perforated steel panel
2. Metal flashing
3. Aluminium bracket on sliding track
4. 200x200mm rectangular hollow steel beam
5. 200x200mm rectangular hollow steel column

1. Laminated glass (from top: 6mm low iron tempered glass, 1.5mm photovoltaic cell, 6mm low iron tempered glass, 0.76mm PVB interlayer)
2. Metal flashing
3. Structural laminated glass

1. Aluminium bracket screwed to wheels on sliding track
2. Metal C-channel welded to 200x500mm rectangular hollow steel beam
3. Existing double layered brick wall
4. Existing concrete roof
5. 130mm depth I beam
6. Metal flashing
7. 150mm dia. conduit with waterproofing layer on top
8. 150mm dia. drainage pipe

1. Sliding sun shading panel
2. Sliding glass panel
3. Sub-grade drainage system
4. Wooden deck on new concrete foundation

1. 200x200mm rectangular hollow steel column
2. Gutter
3. 100mm concrete floor with floor heating and cooling system

Section detail 1:20
1. Aluminum framing window strip
2. 100mm thick concrete floor with floor heating and cooling system on corrugated metal decking
3. 285mm depth I Beam incorporated with mechanical space for air ducts and lighting fixture
4. Hanging drop ceiling with sound absorbing panels
5. Air inlet grille with sound insulation
6. 200mm dia. air supply duct wrapped with sound absorbing insulation
7. Metal support rack for the pipe
8. 150x200mm steel I Beam
9. 100mm thick concrete floor with floor heating and cooling system casted on existing concrete floor
10. Lighting fixture concealed in the drop ceiling
11. Metal stud wall (10mm interior wall putty, 15mm gypsum panel, steel stud, 150mm insulation)
12. 200mm dia. air exhaust duct wrapped with sound absorbing insulation
13. 100mm thick concrete floor with floor heating and cooling system on corrugated metal decking
14. 285mm depth I Beam incorporated with mechanical space for air ducts and lighting fixture
15. Metal stud wall (10mm interior wall putty, 15mm gypsum panel, steel stud, 150mm insulation)
Legend:
1. Pottery workspace
2. Lounge
3. Mechanical room
4. Toilet
5. Exhibition space / meeting room
6. Covered loggia