section A-A

1. **400mm floor construction**
   - 20mm hollow core concrete slab
   - HE 240x120mm steel beam
   - 80mm recycled EPS insulation
   - vapor barrier
   - 70mm cement screed underfloor heating
   - 30mm colored epoxy resin floor

2. **500mm green floor construction**
   - 30mm floor line on consolidated fixing base
   - 30mm acoustic insulation board laminated black
   - 200mm hollow core concrete slab
   - HE 240x120mm steel beam
   - vapor barrier
   - 80mm EPS thermal insulation
   - 45mm softwood boarding
   - 100mm PIR thermal insulation
   - sealing layer
   - breeze maximization roof
   - 25mm drainage
   - 70mm sub-base layer

3. **660mm deck construction**
   - HE 340x180mm steel beam
   - HE 200x100mm secondary steel beam
   - 150mm metal sheet composite concrete slab
   - Bitumen sealing barrier
   - average patio / electrical / mechanical equipment
   - 20mm industrial flooring pavement

4. **Open air corridor**
   - 90mm structural laminated timber
   - 20x100mm timber beams
   - 90mm perforated steel floor panels

5. **615mm timber floor construction**
   - 90mm structural laminated timber
   - 20x100mm timber beams
   - 140mm external cavity thermal insulation
   - 60mm thick wood slab
   - 30mm heating element
   - 2mm sound absorbing strip
   - 2mm composite strip

6. **900mm timber roofing**
   - 90mm structural laminated timber
   - 30x150mm extruded aluminum fr strips
   - 30mm external wood / block paving
   - 2 layers plasterboard
   - 30mm glass wool
   - 20mm external cladding board
   - 100mm lightweight insulation
   - cutting
   - 860mm steel C160 roof / anchors & adjustable plastic bearings
   - 4006mm squared pile (150mm centre to centre)

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**North Wing**

7. **Steel perforated fuse wall**

8. **Balcony**
   - 200x100mm glulam timber posts
   - 300x300mm metal balustrades
   - (400mm centre to centre horizontal)

9. **External wall**
   - 40x300mm hollow galvanized steel section, (on top edge of wall)
   - metal sheet
   - sealing layer
   - 15mm glazed
   - 150mm mineral wool thermal insulation
   - 50mm mineral wool thermal insulation
   - 2x15mm gypsum fiberboard

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**Exit Through the Prison**