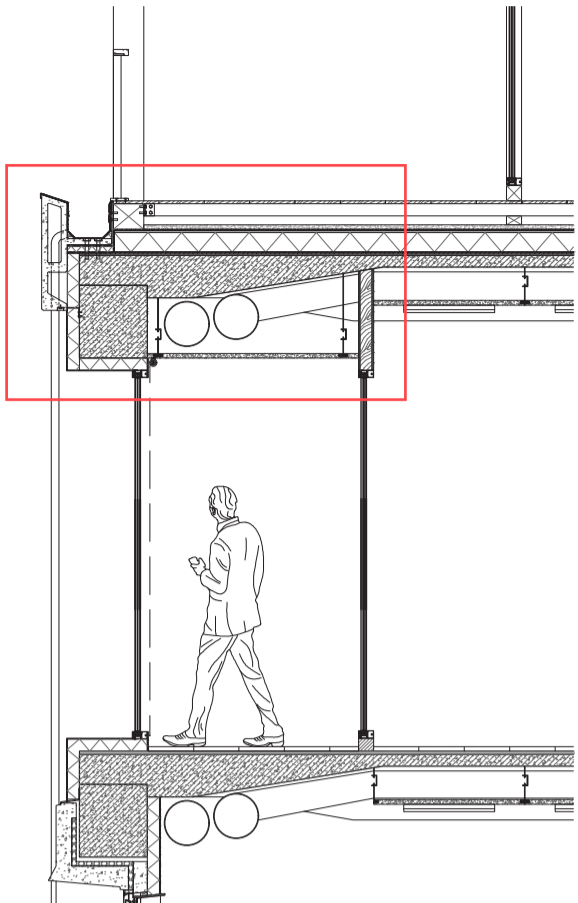
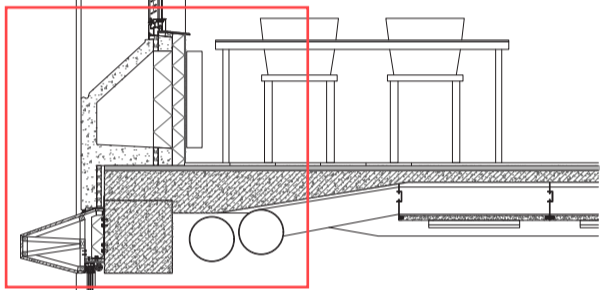


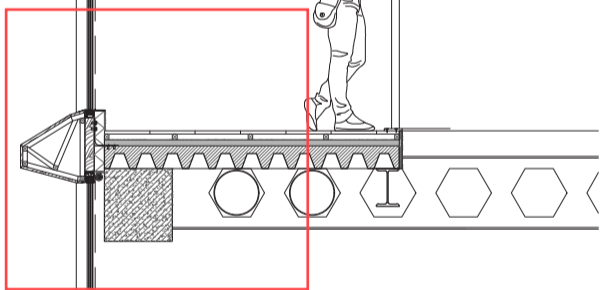
DETAIL 1



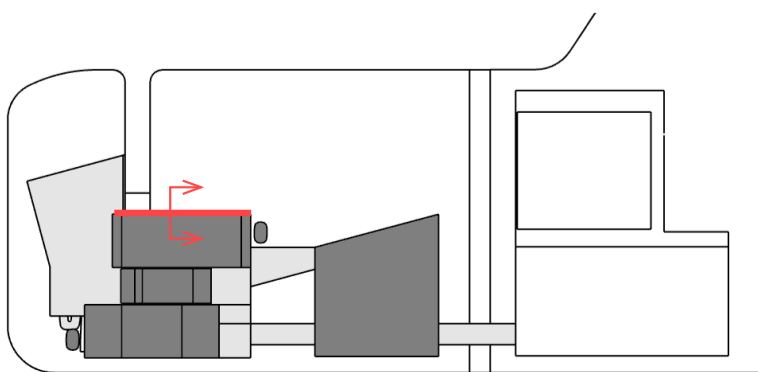
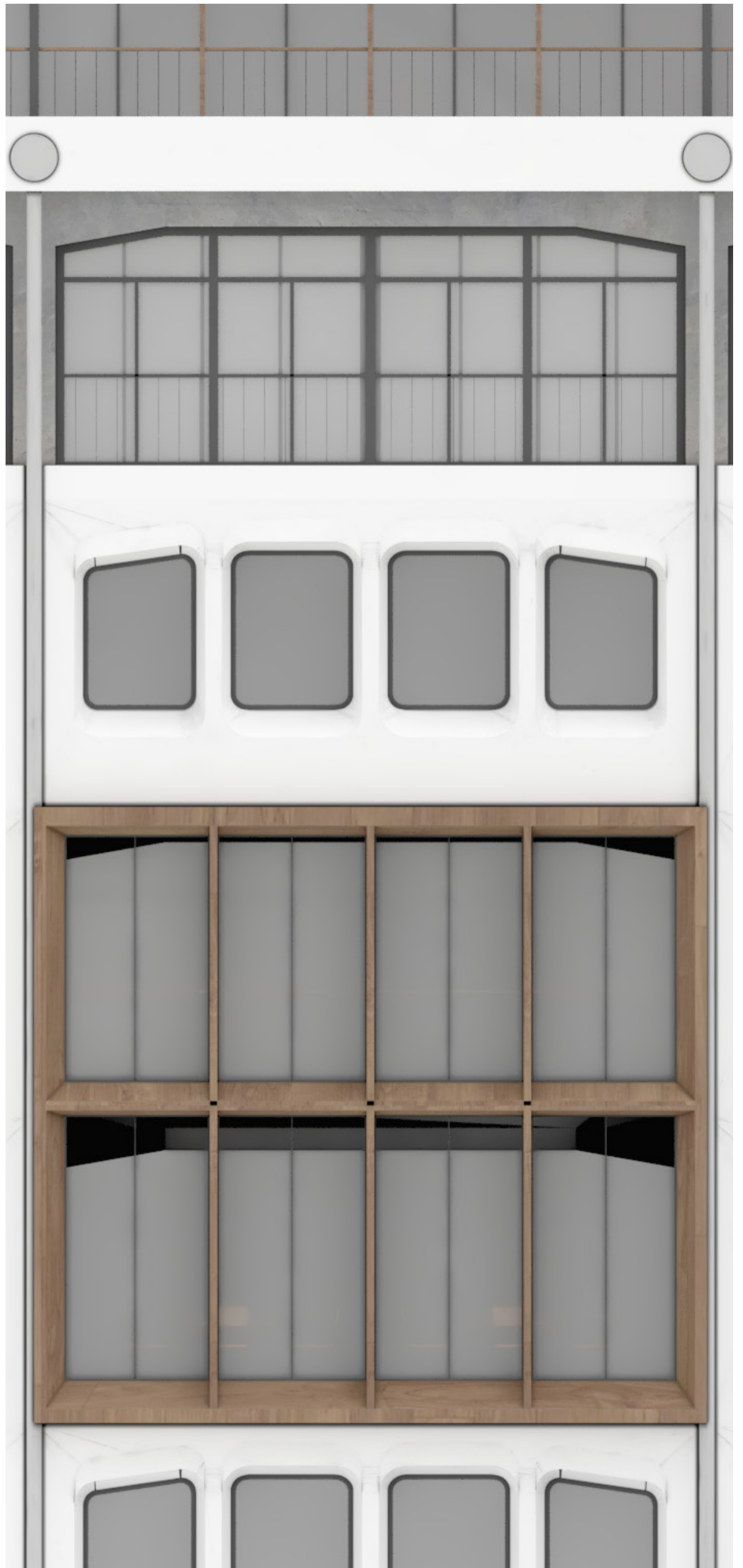
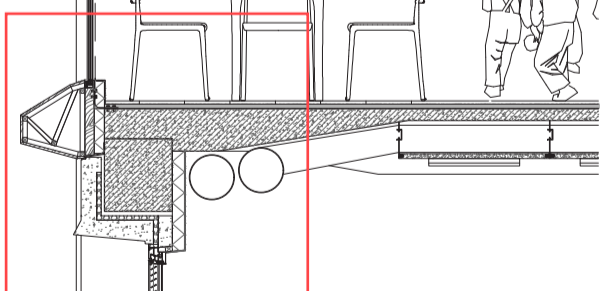
DETAIL 2



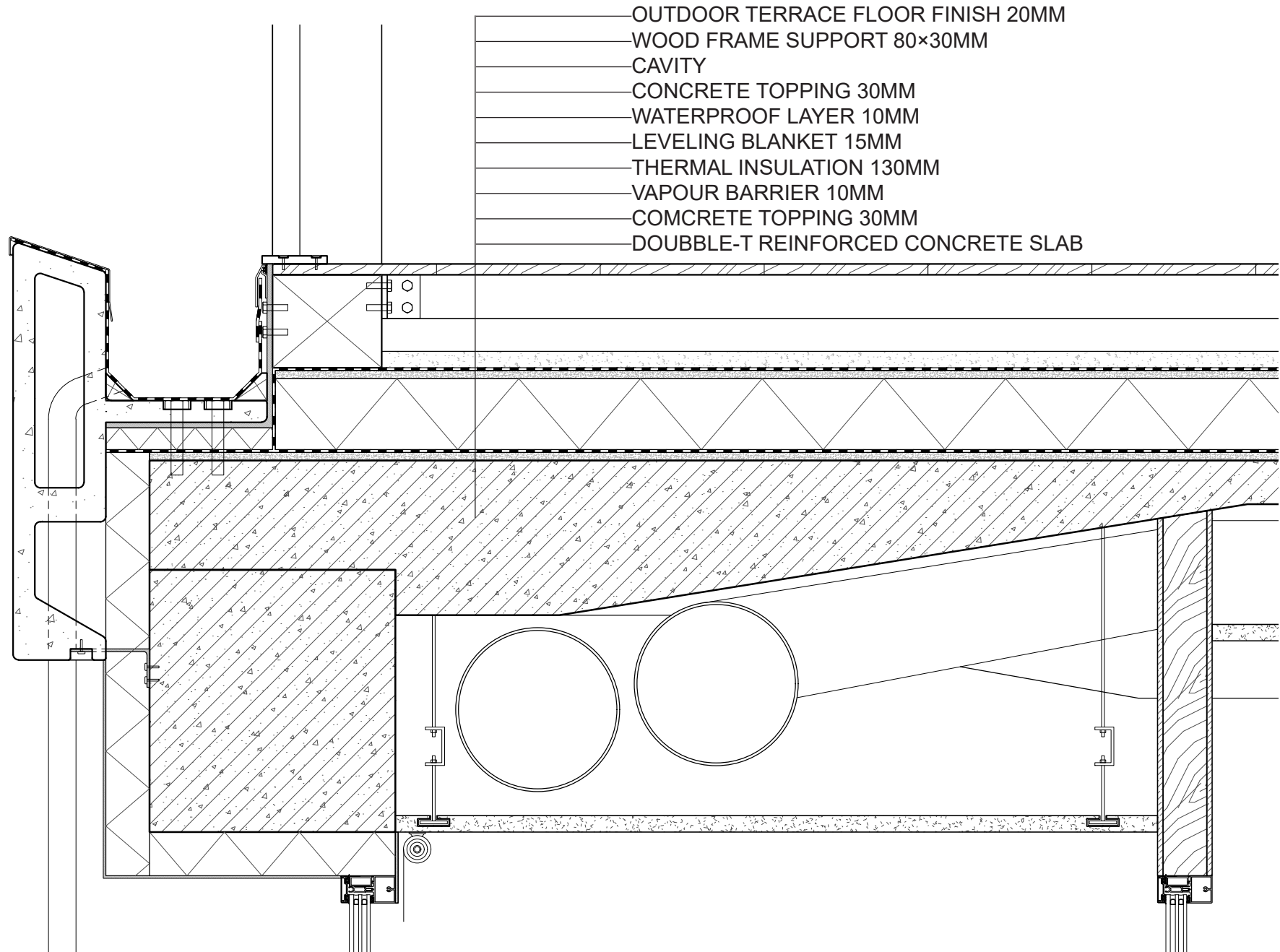
DETAIL 3



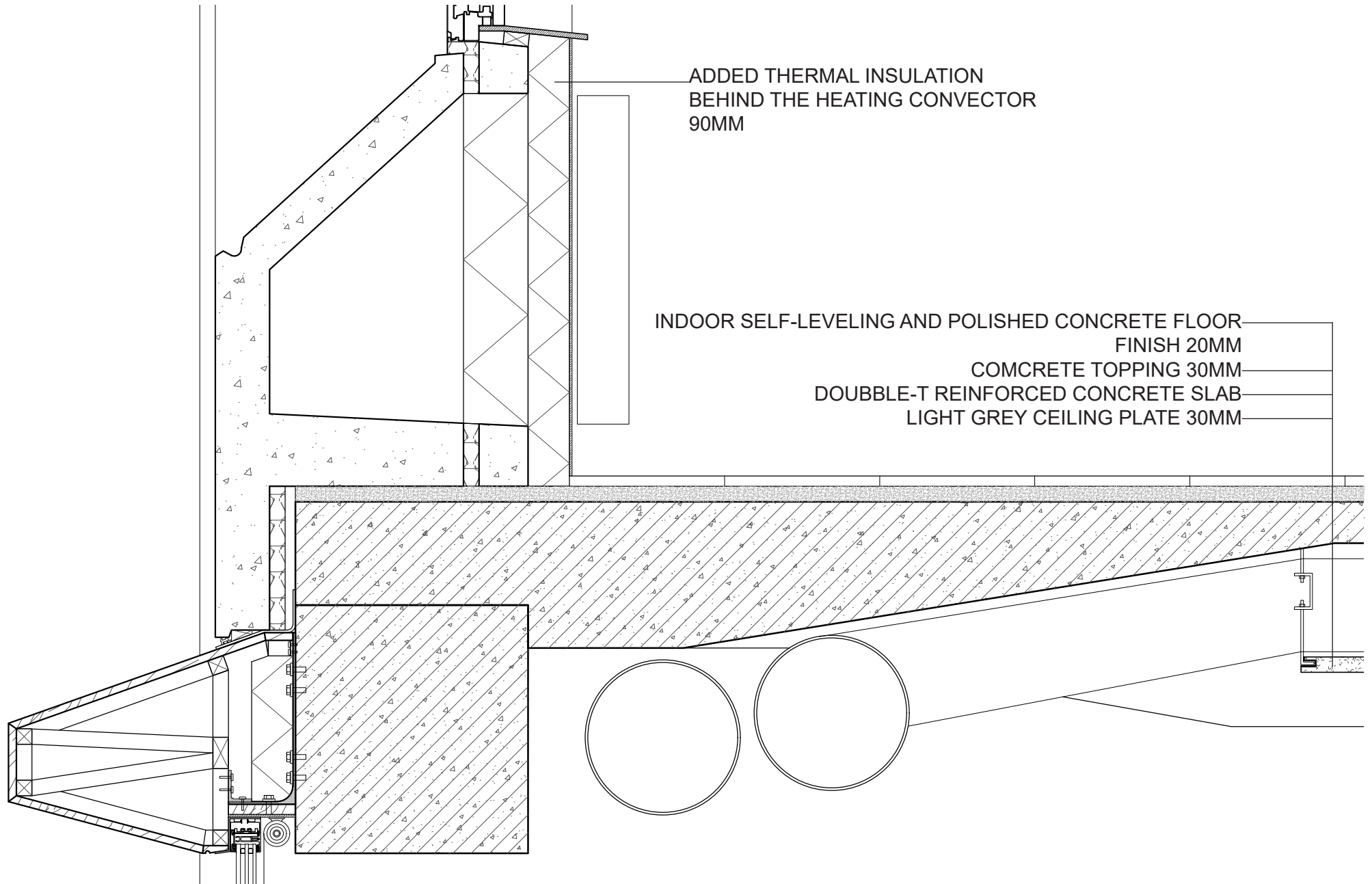
DETAIL 4



WEST FACADE FRAGMENT 1:50



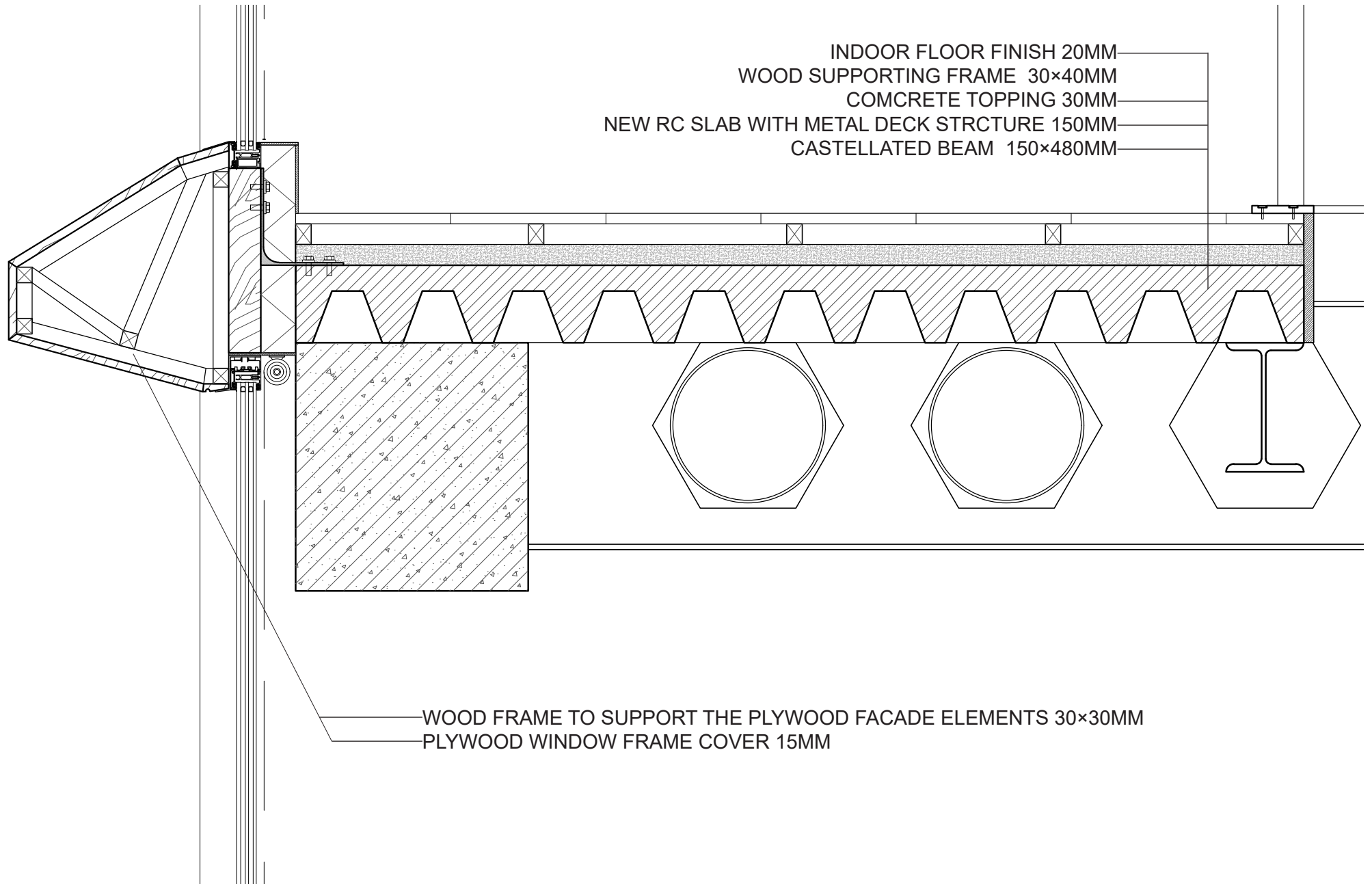
DETAIL 1 1:10



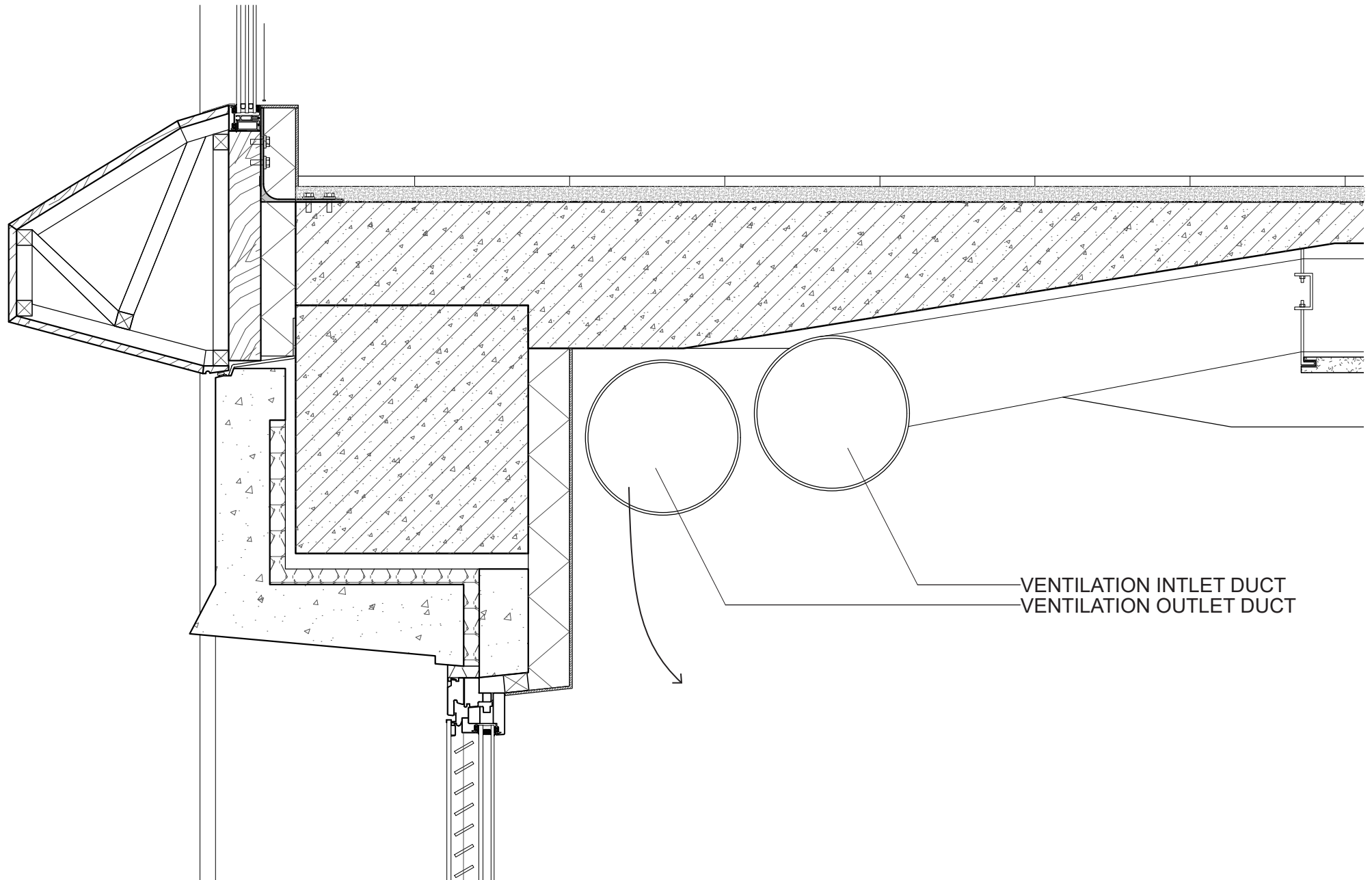
ADDED THERMAL INSULATION
BEHIND THE HEATING CONVECTOR
90MM

INDOOR SELF-LEVELING AND POLISHED CONCRETE FLOOR
FINISH 20MM
CONCRETE TOPPING 30MM
DOUBLE-T REINFORCED CONCRETE SLAB
LIGHT GREY CEILING PLATE 30MM

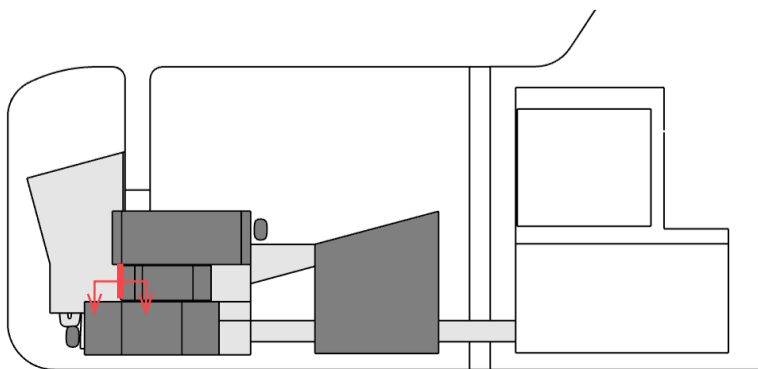
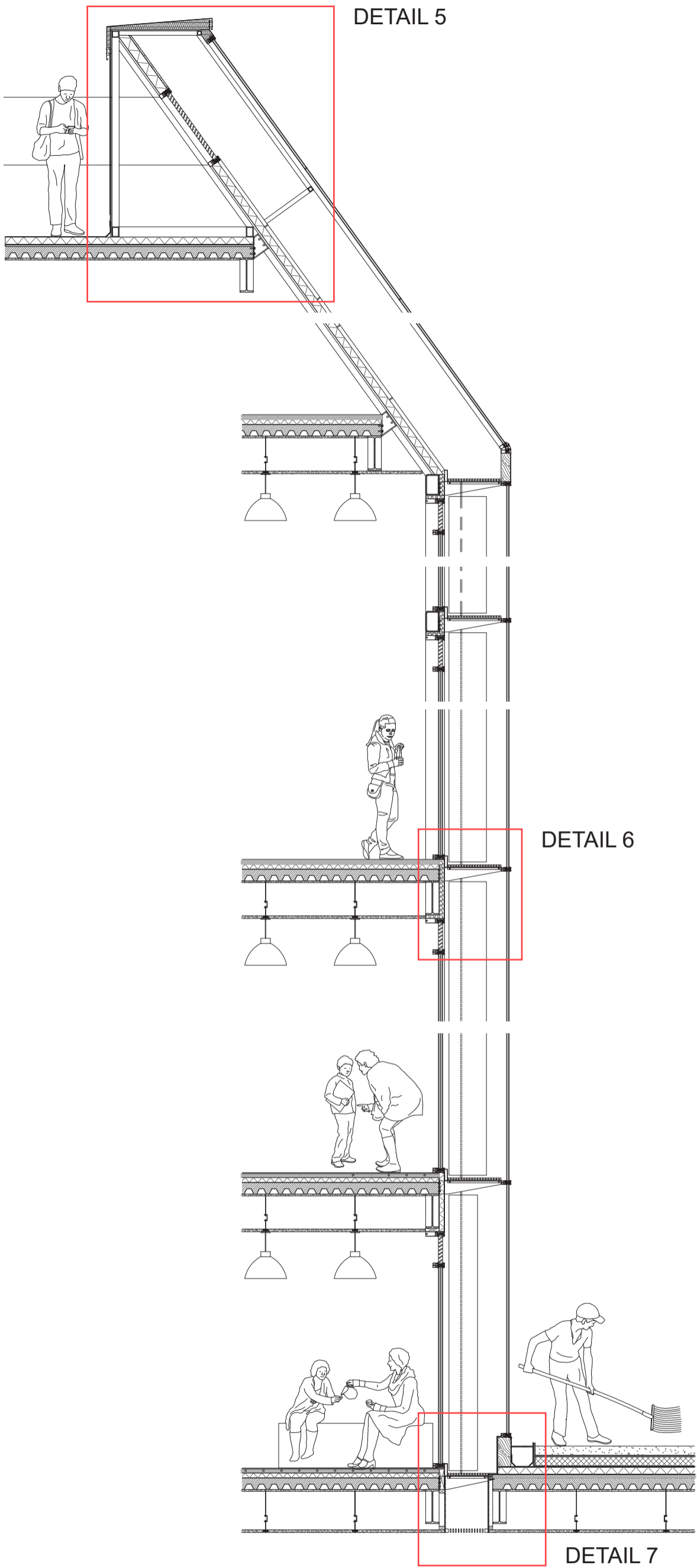
DETAIL 2 1:10



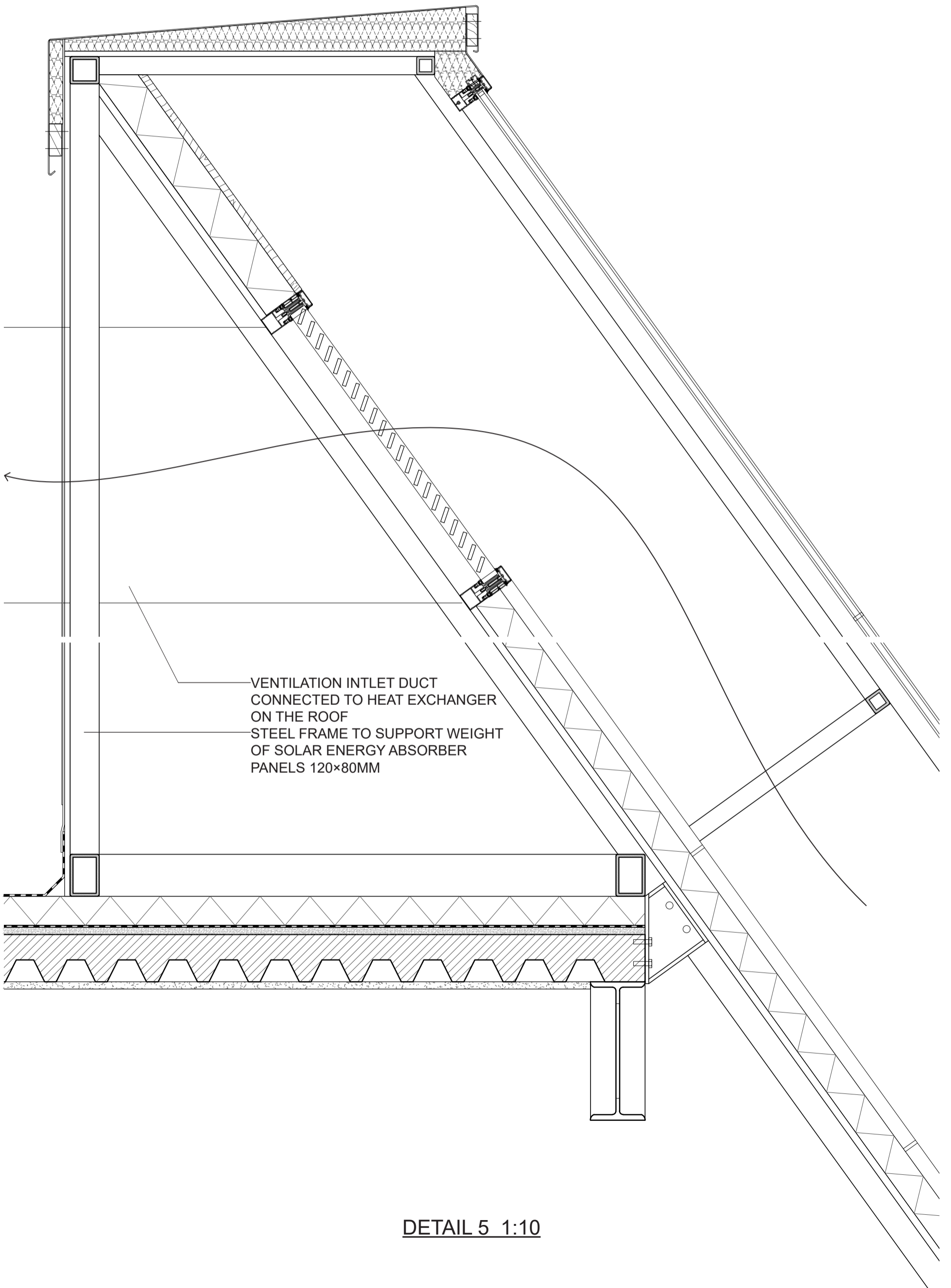
DETAIL 3 1:10



DETAIL 4 1:10

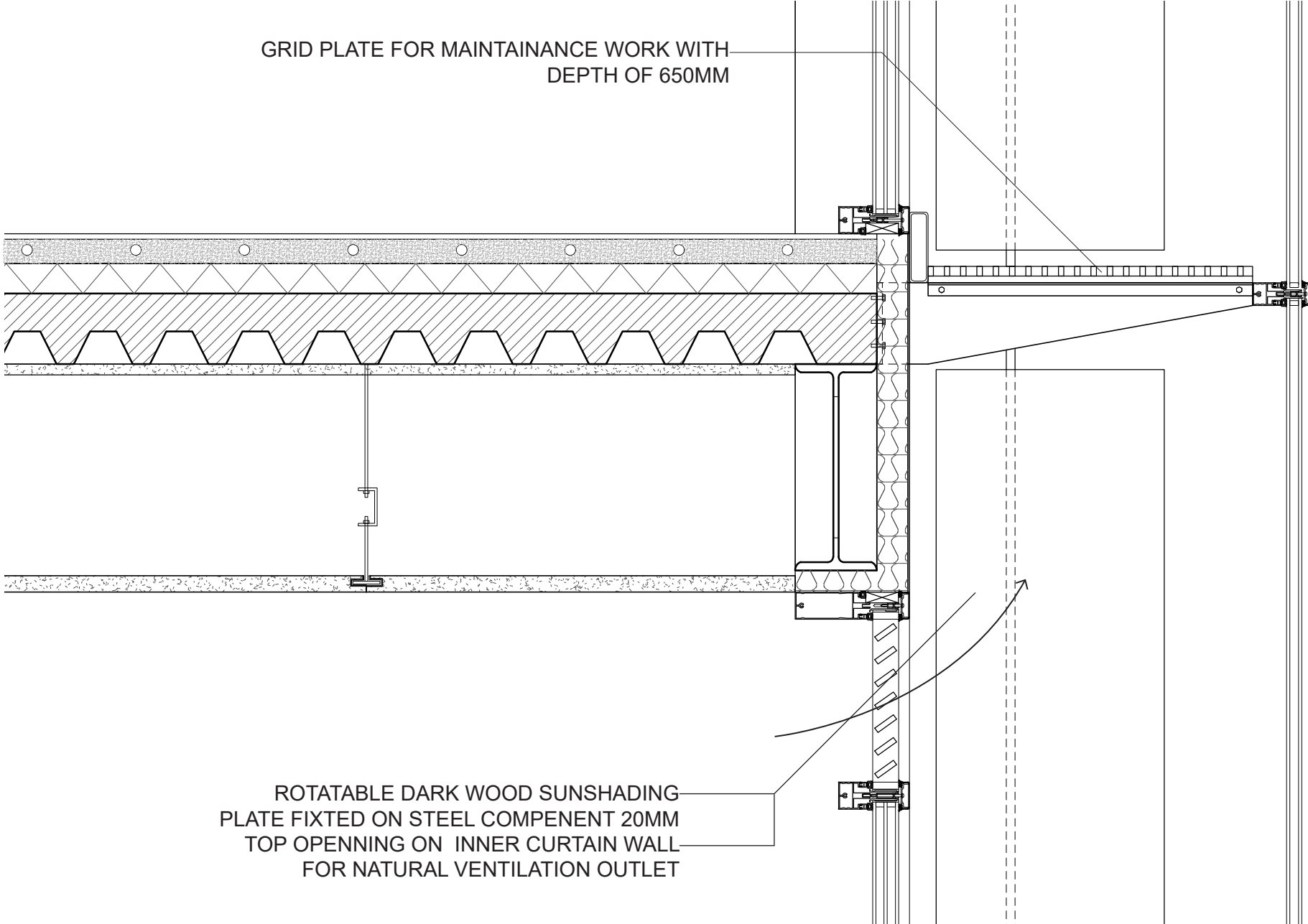


SOUTH FACADE FRAGMENT 1:50



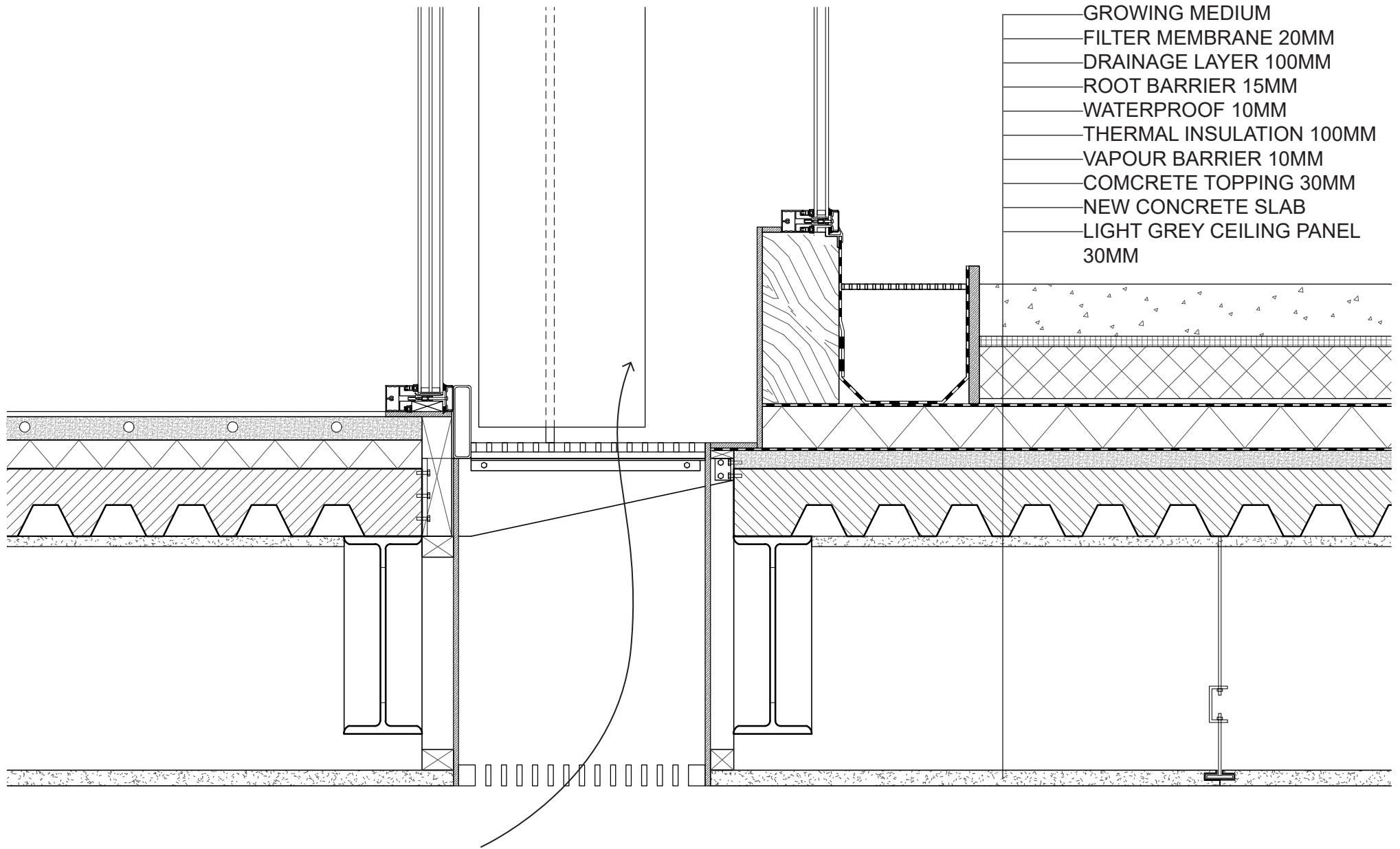
DETAIL 5 1:10

GRID PLATE FOR MAINTAINANCE WORK WITH
DEPTH OF 650MM

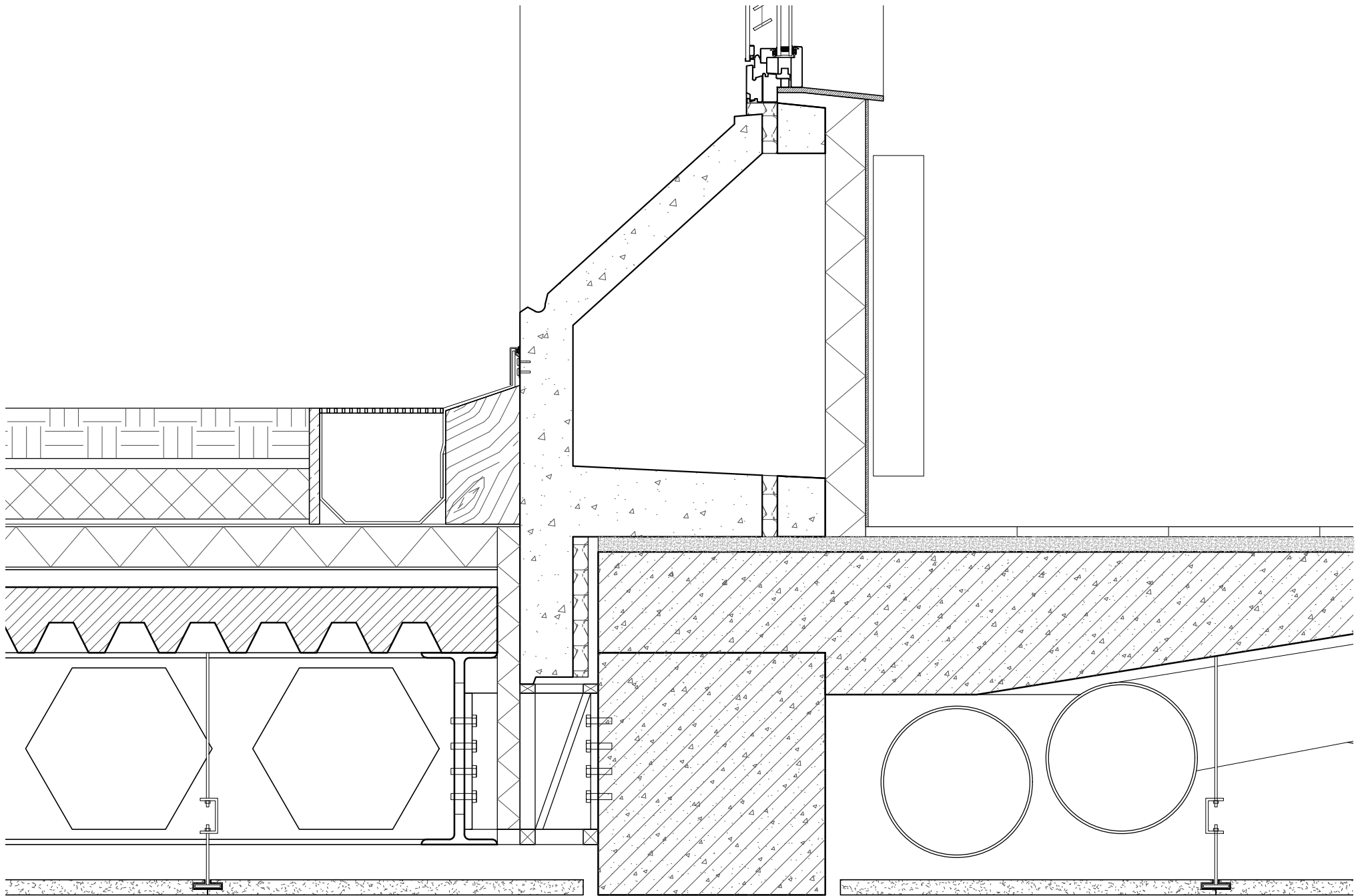


ROTATABLE DARK WOOD SUNSHADING
PLATE FIXTED ON STEEL COMPENENT 20MM
TOP OPENING ON INNER CURTAIN WALL
FOR NATURAL VENTILATION OUTLET

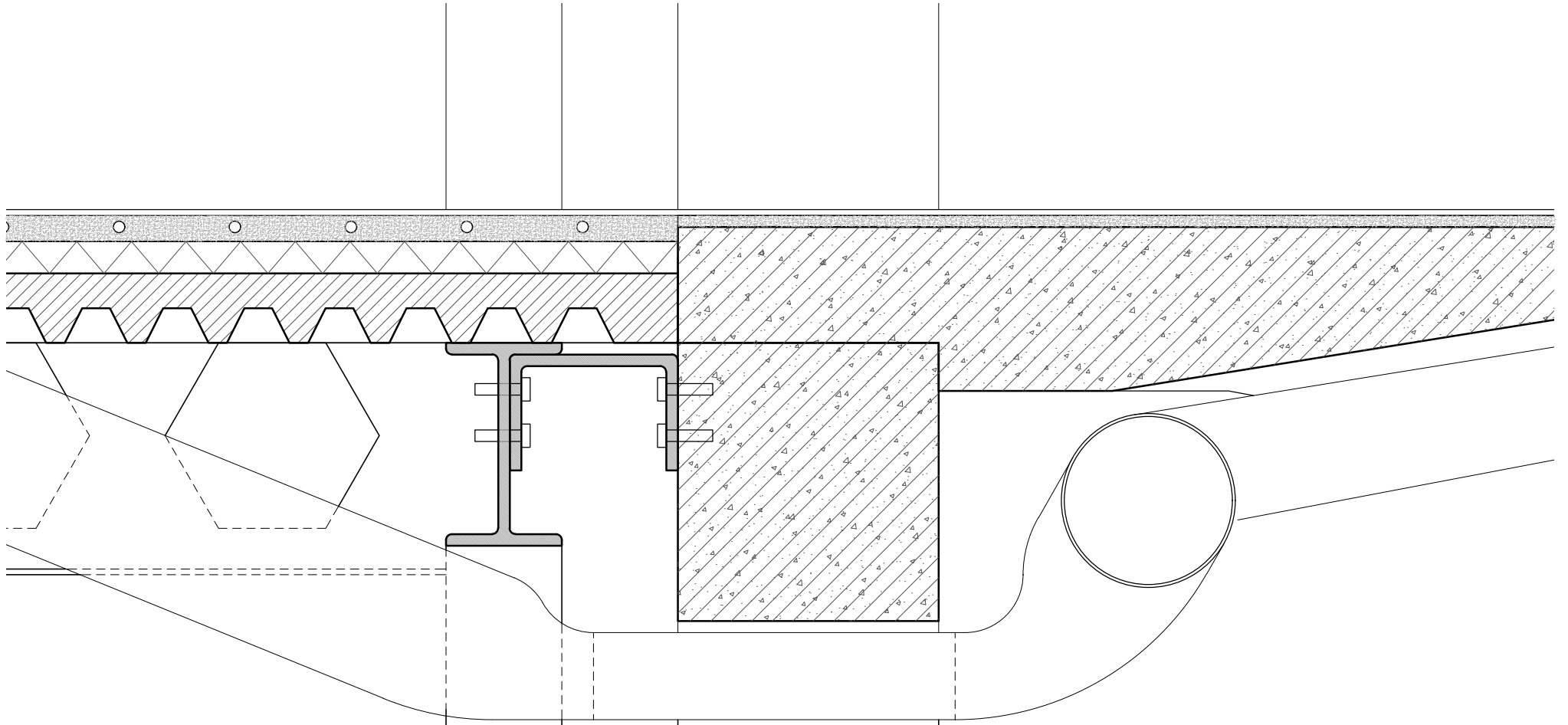
DETAIL 6 1:10



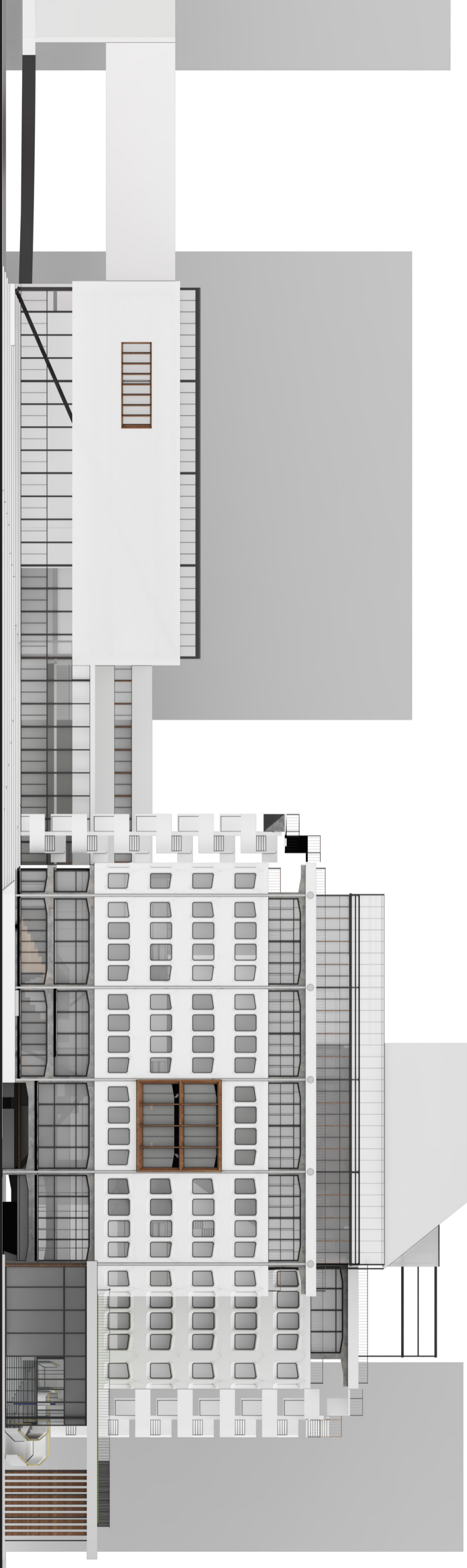
DETAIL 7-1 1:10



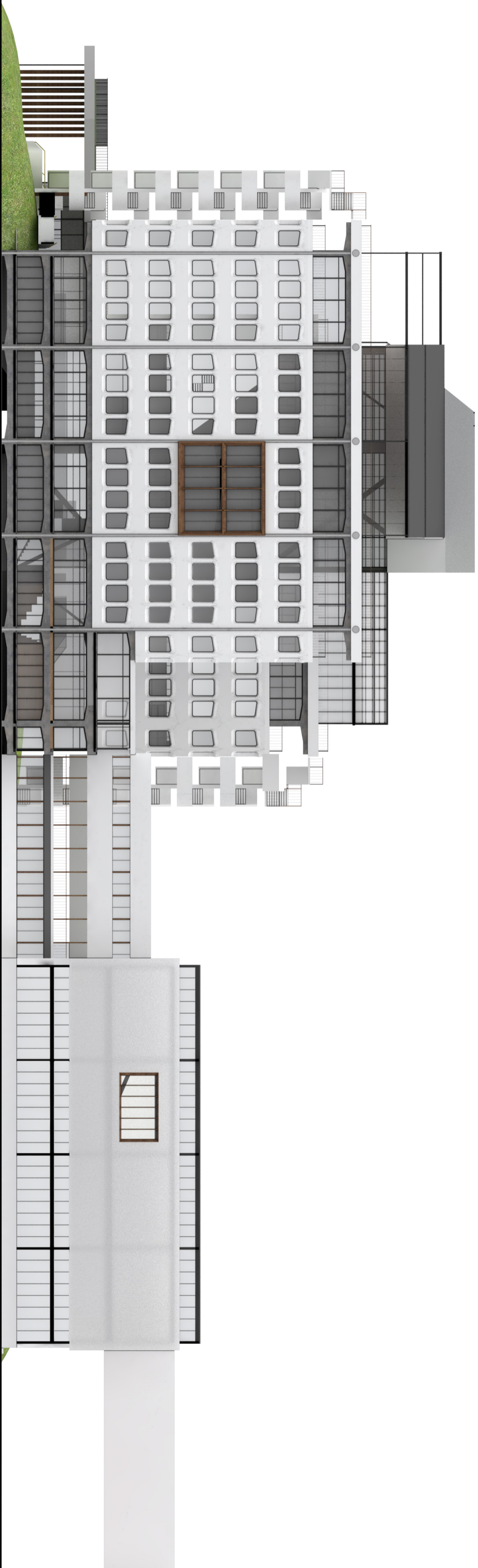
DETAIL OF CONNECTION BETWEEN TERRACE AND OLD FACADE COMPEMENT 1:10



DETAIL OF JOINT BETWEEN OLD AND NEW STRUCTUER 1:10



WEST ELEVATION

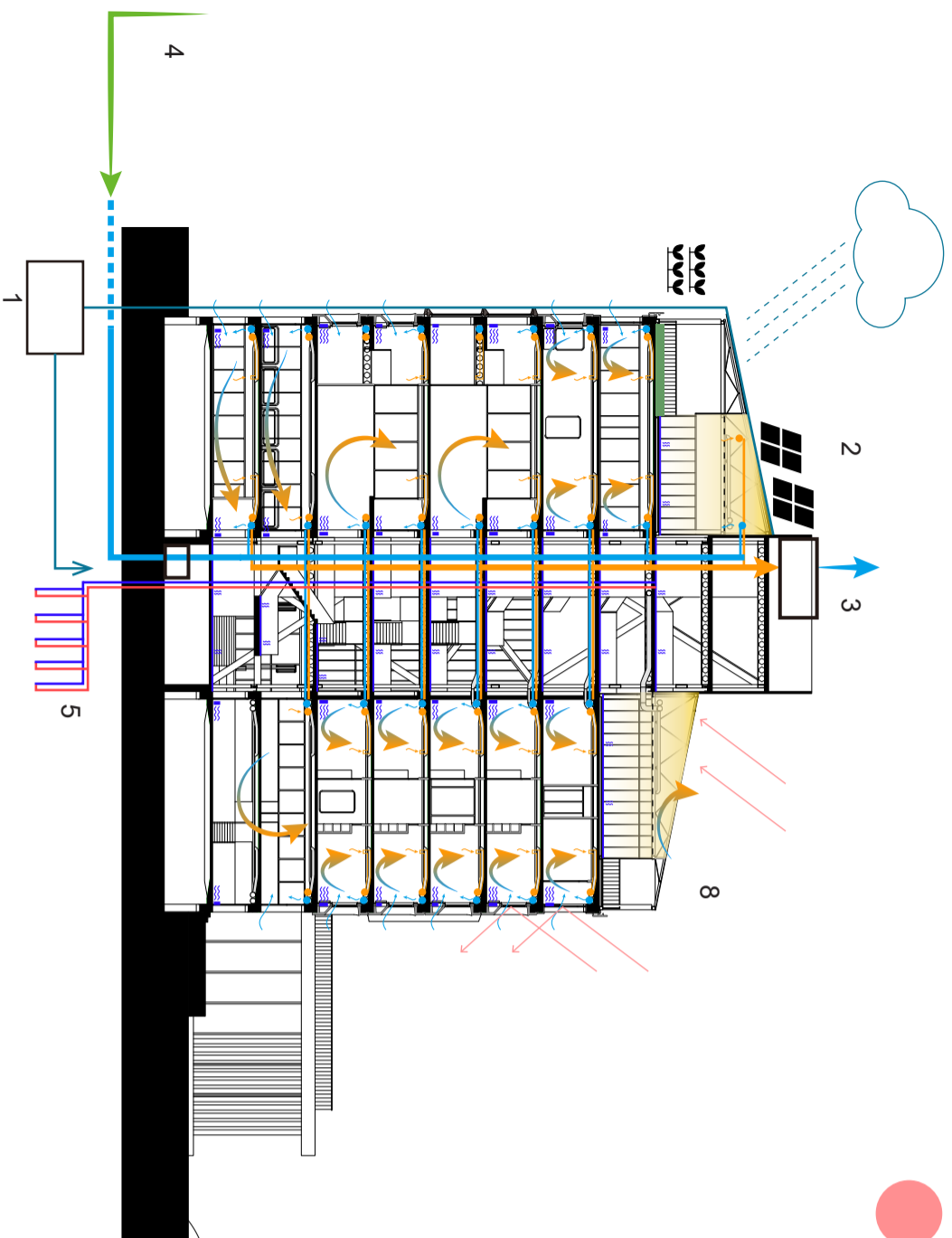


EAST ELEVATION

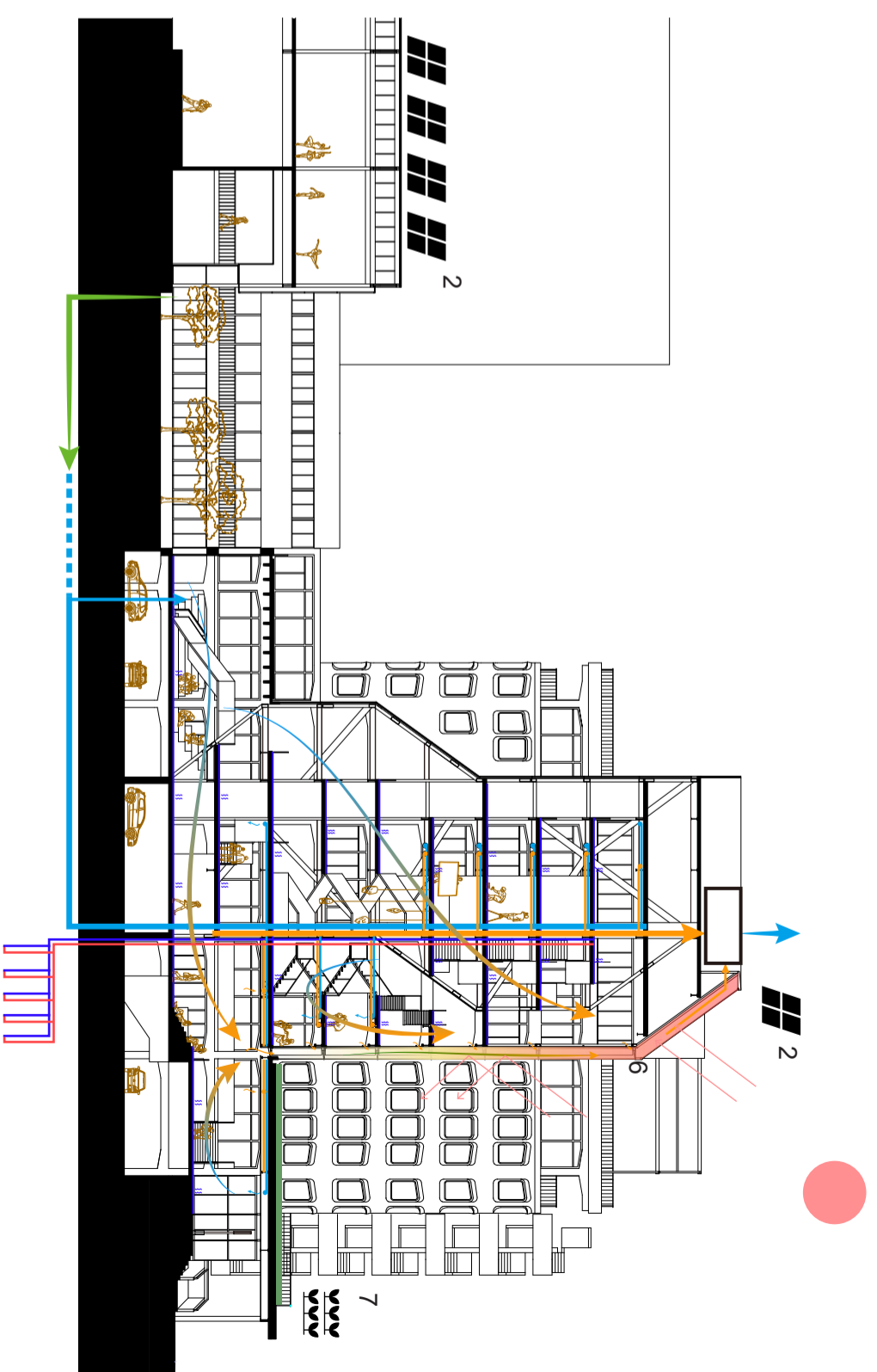


SOUTH ELEVATION

SUMMER CLIMATE

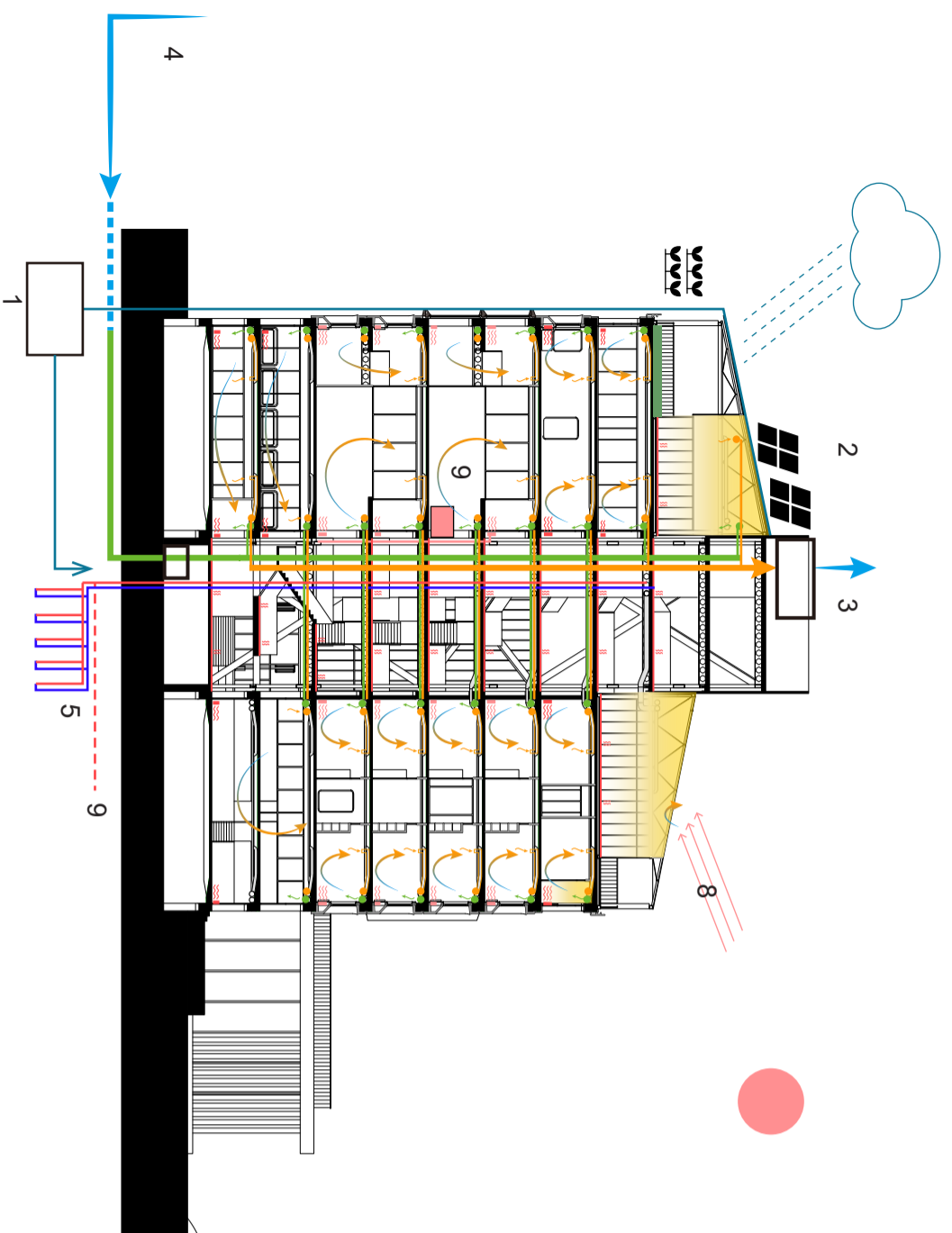


- 1. RAINWATER COLLECTION AND REUSE
- 2. SOLAR PV PANEL AND SOLAR ENERGY ABSORBER
- 3. HEAT EXCHANGER FOR HEATING RECOVERY
- 4. SOIL PRE-COOLING FRESH AIR

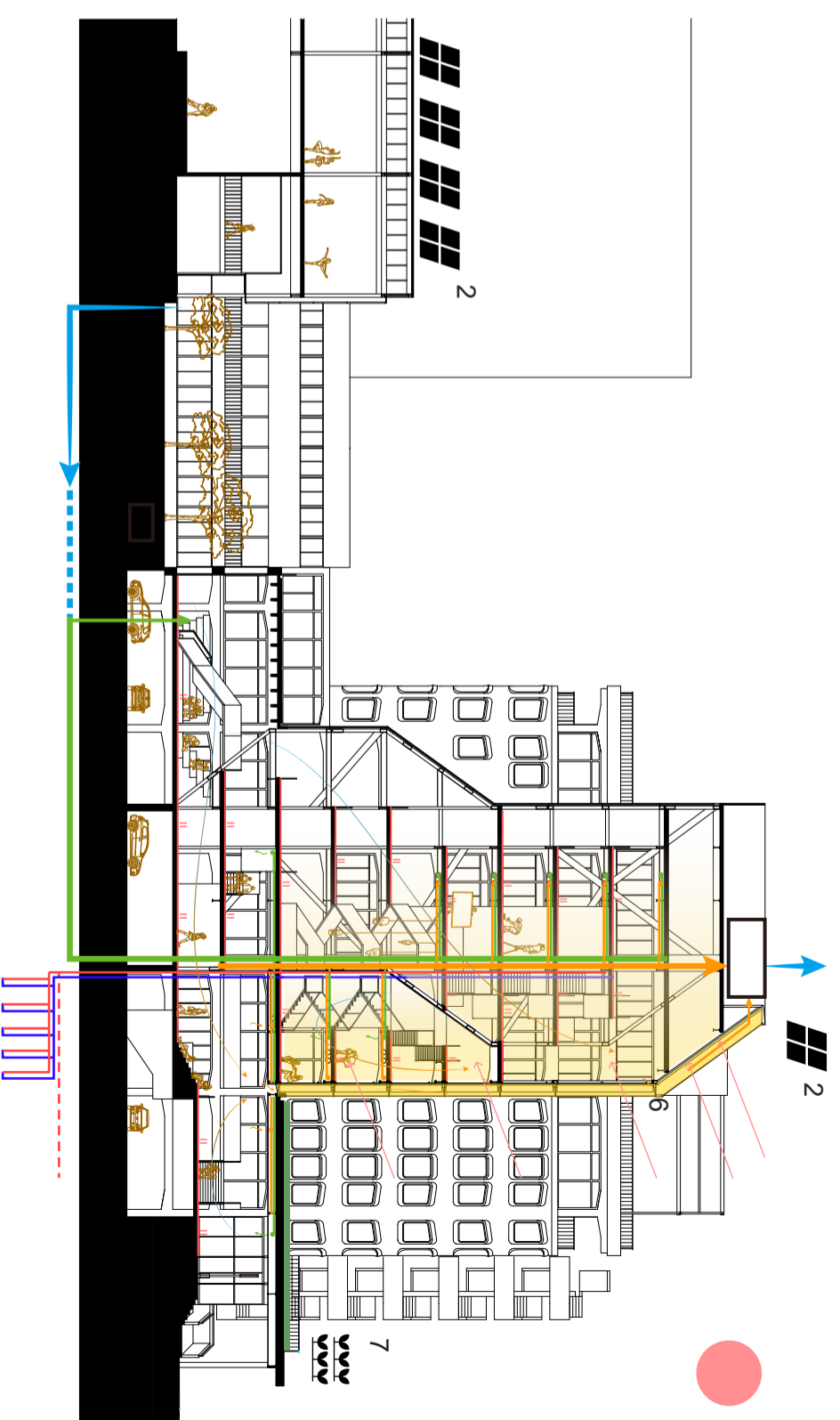


- 5. GEO-THERMAL COOLING SYSTEM
- 6. SOLAR CHIMNEY FACADE
- 7. VEGETABLE PRODUCTION
- 8. ROOFTOP GREENHOUSE AS CLIMATE BUFFER ZONE

WINTER CLIMATE



- 1. RAINWATER COLLECTION AND REUSE
- 2. SOLAR PV PANEL AND SOLAR ENERGY ABSORBER
- 3. HEAT EXCHANGER FOR HEATING RECOVERY
- 4. SOIL PRE-HEATING FRESH AIR



- 5. GEO-THERMAL HEATING SYSTEM
- 6. SOLAR CHIMNEY FACADE
- 7. VEGETABLE PRODUCTION
- 8. ROOFTOP GREENHOUSE AS CLIMATE BUFFER ZONE
- 9. URBAN HEATING SYSTEM AND THE KILN HEAT AS SUPPLEMENTARY HEAT SOURCE





