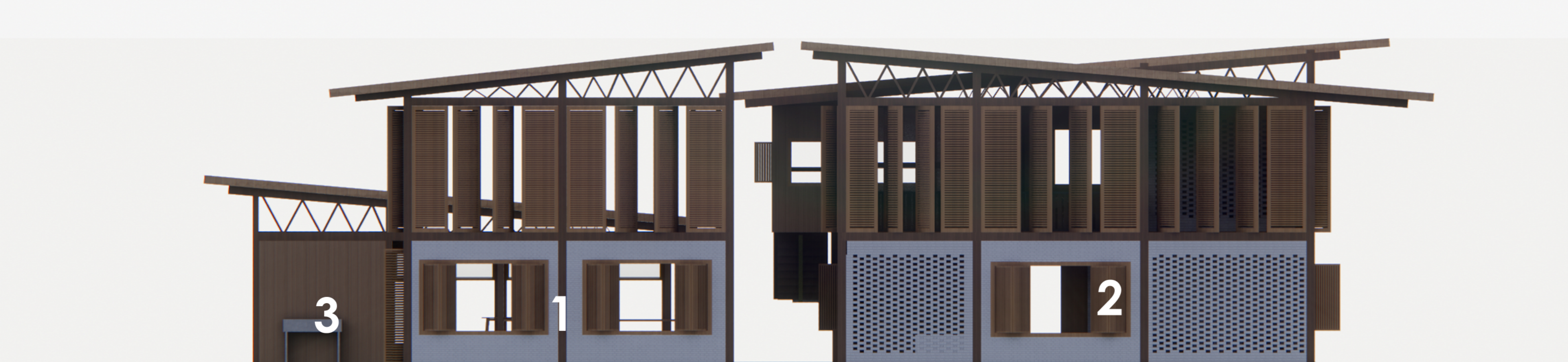




WORKSHOP

RIGHT ELEVATION
SCALE 1:75

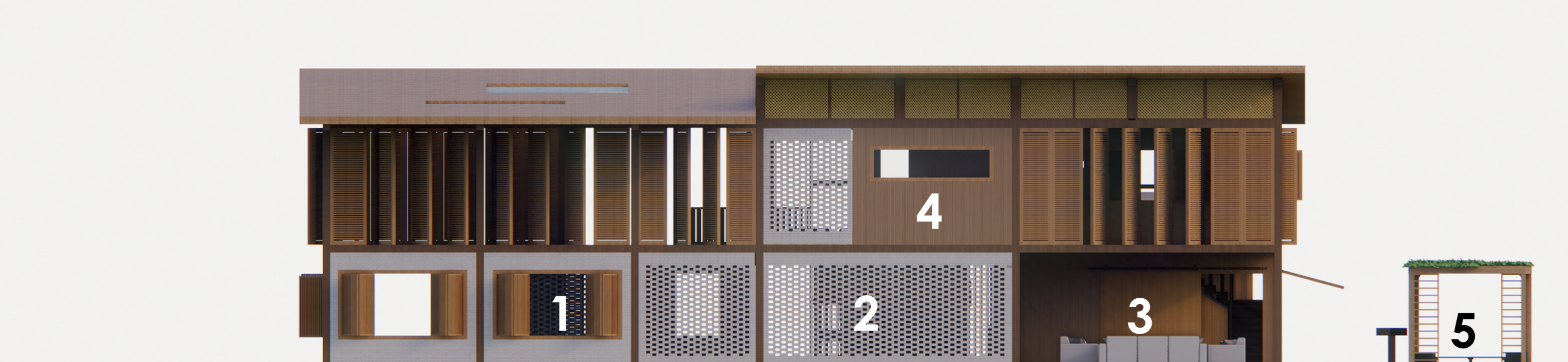
- LEGEND**
1. INTERACTIVE
2. CAFE
3. WORKSHOP
4. FARMING AREA
5. PICK UP POINT



FARMING AREA

FRONT ELEVATION
SCALE 1:75

- LEGEND**
1. FARMING AREA
2. WORKSHOP
3. INTERACTIVE



WORKSHOP TO FARMING AREA

LEFT ELEVATION
SCALE 1:75

- LEGEND**
1. WORKSHOP
2. PUBLIC TOILET
3. LOBBY
4. OFFICE
5. PICK UP POINT

TARGET USER

THE PROJECT CATERES TO STUDENTS, VISITORS, AND THE GENERAL PUBLIC. STUDENTS AGED BETWEEN 15 TO 22 YEARS OLD ARE THE PRIMARY USERS DURING WEEKDAYS. ENGAGING IN STRUCTURED AGRO-LEARNING ACTIVITIES SUCH AS SEEDING, PLANTING, GRAFTING, AND FRUIT EVALUATION.

DURING WEEKDAYS, PUBLIC VISITORS ARE RESTRICTED TO THE CAFÉ AND VIEWING AREAS, WITHOUT DIRECT ACCESS TO THE WORKSHOP AND FARMING SPACES. THIS ENSURES A FOCUSED AND CONTROLLED LEARNING ENVIRONMENT FOR STUDENTS.

ON WEEKENDS, THE PROJECT OPENS TO A WIDER AUDIENCE, ALLOWING VISITORS TO ACCESS THE INTERACTIVE AND LEARNING AREAS. THIS CREATES A BALANCE BETWEEN EDUCATION AND PUBLIC ENGAGEMENT.

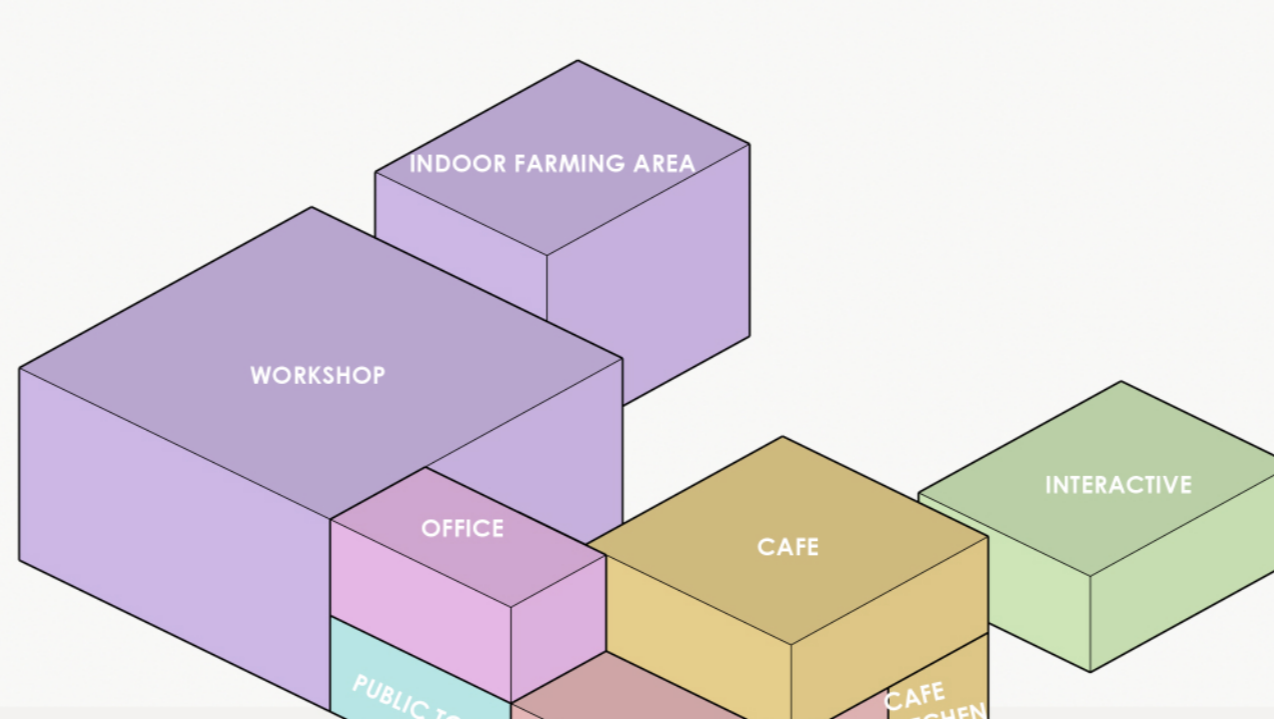


OUTDOOR WALKWAY



BACK ELEVATION
SCALE 1:75

- LEGEND**
1. CAFE KITCHEN
2. LOBBY
3. PUBLIC TOILET
4. CAFE
5. FARMING AREA
6. INTERACTIVE
7. STORAGE
8. PICK UP POINT



SPATIAL ZONING DIAGRAM

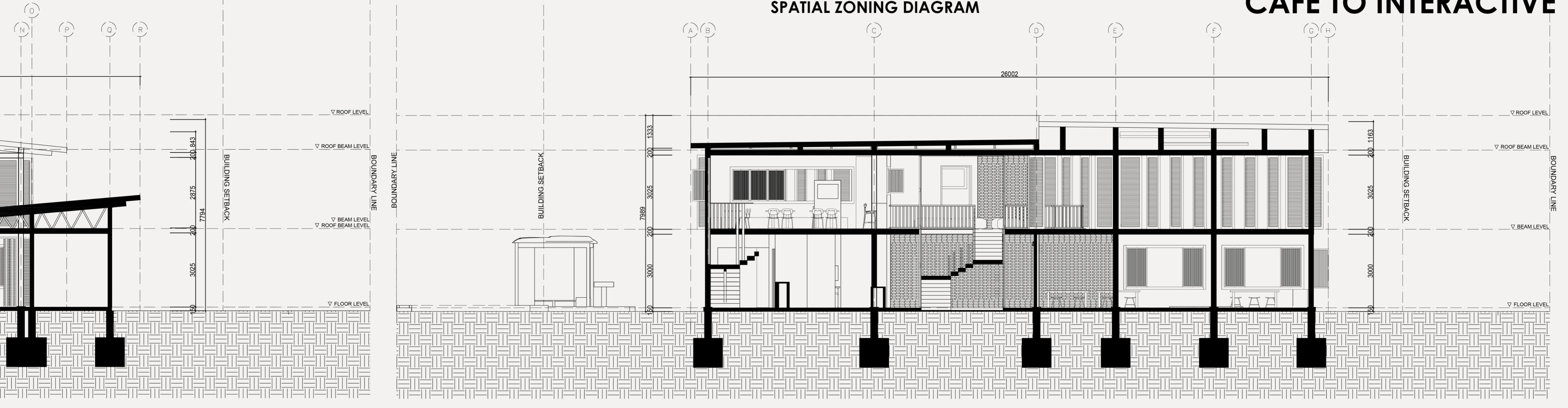


CAFE TO INTERACTIVE

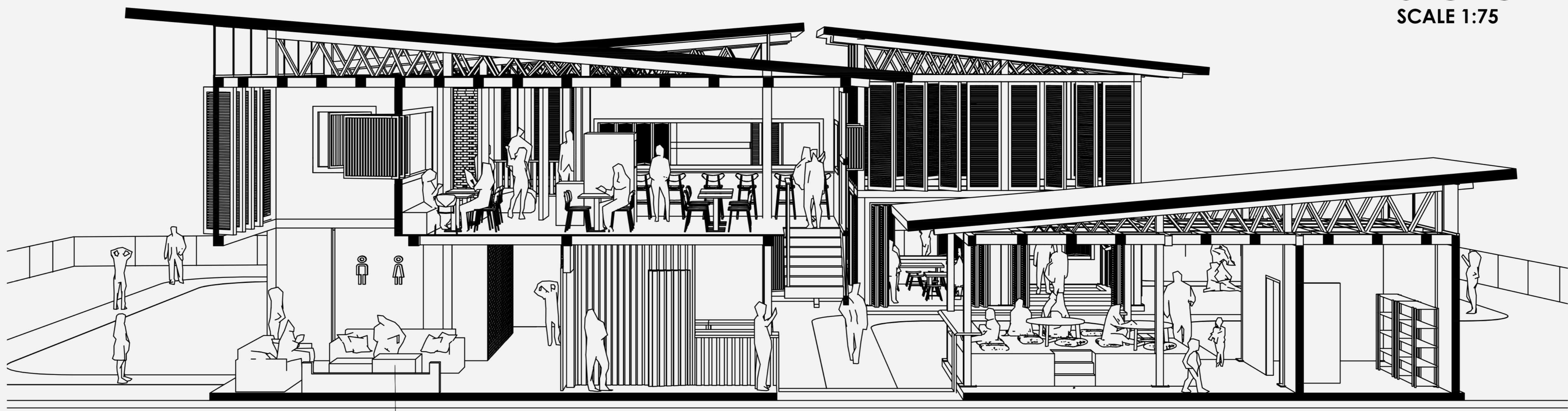
THE FAÇADE IS DESIGNED TO RESPOND TO THE HOT AFTERNOON SUN BY INCORPORATING TIMBER LOUVERS AND VENTILATION BLOCKS. THESE ELEMENTS HELP TO REDUCE HEAT GAIN WHILE ALLOWING CONTINUOUS AIRFLOW, IMPROVING THERMAL COMFORT WITHIN THE BUILDING.

THE USE OF LOUVERS FILTERS DIRECT SUNLIGHT AND PROVIDES SHADING, WHILE VENTILATION BLOCKS ENHANCE CROSS VENTILATION THROUGHOUT THE SPACE.

THE STRUCTURAL SYSTEM CONSISTS OF STEEL HOLLOW COLUMNS AND BEAMS, WRAPPED WITH TIMBER FINISHES TO SOFTEN THE APPEARANCE AND CREATE A WARMER ARCHITECTURAL EXPRESSION.



SECTION B-B
SCALE 1:75

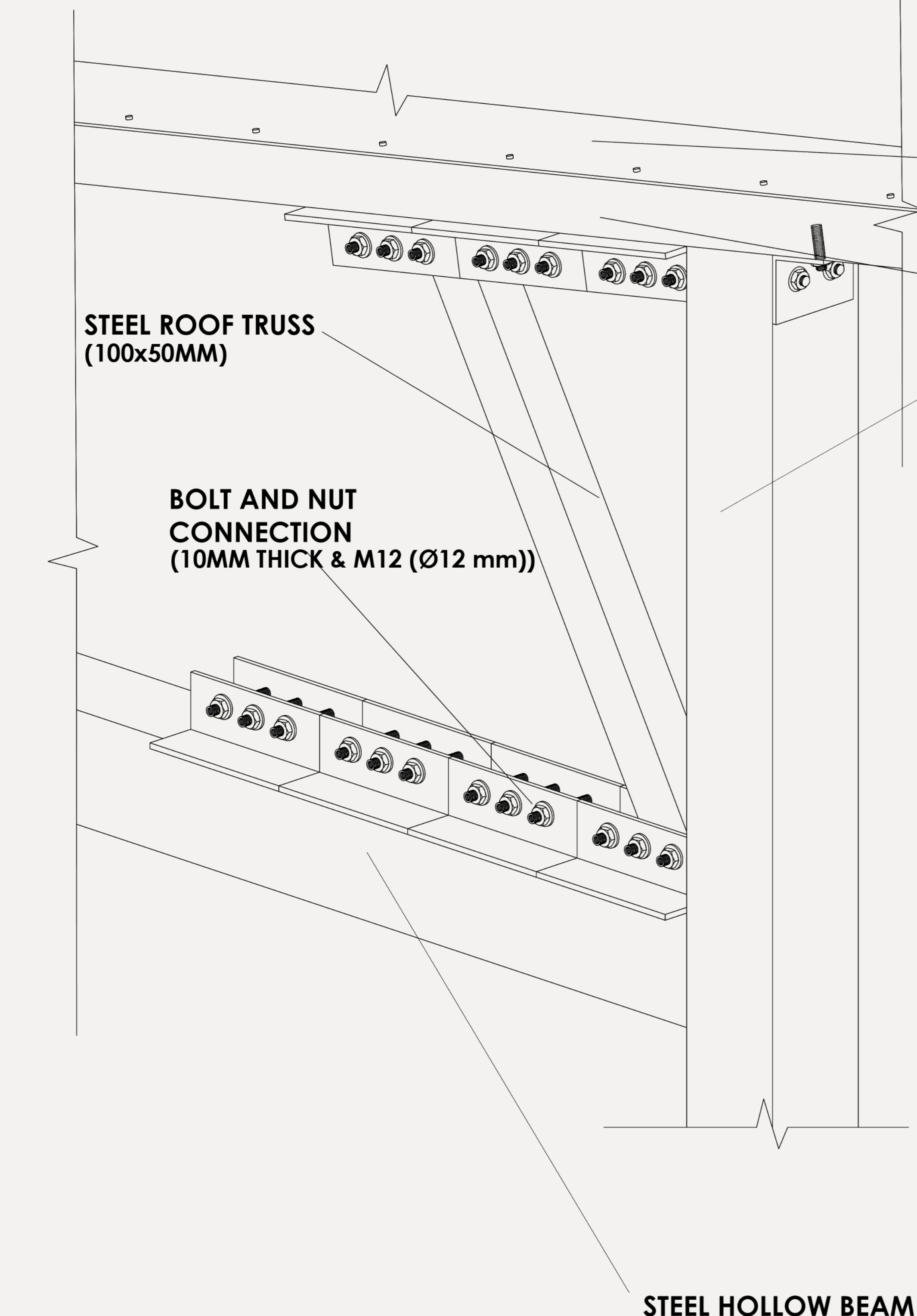


SECTIONAL PERSPECTIVE

THE SECTIONAL PERSPECTIVE ILLUSTRATES THE SPATIAL RELATIONSHIP BETWEEN DIFFERENT FUNCTIONAL ZONES WITHIN THE BUILDING, INCLUDING WORKSHOP, EXHIBITION, AND CIRCULATION AREAS.

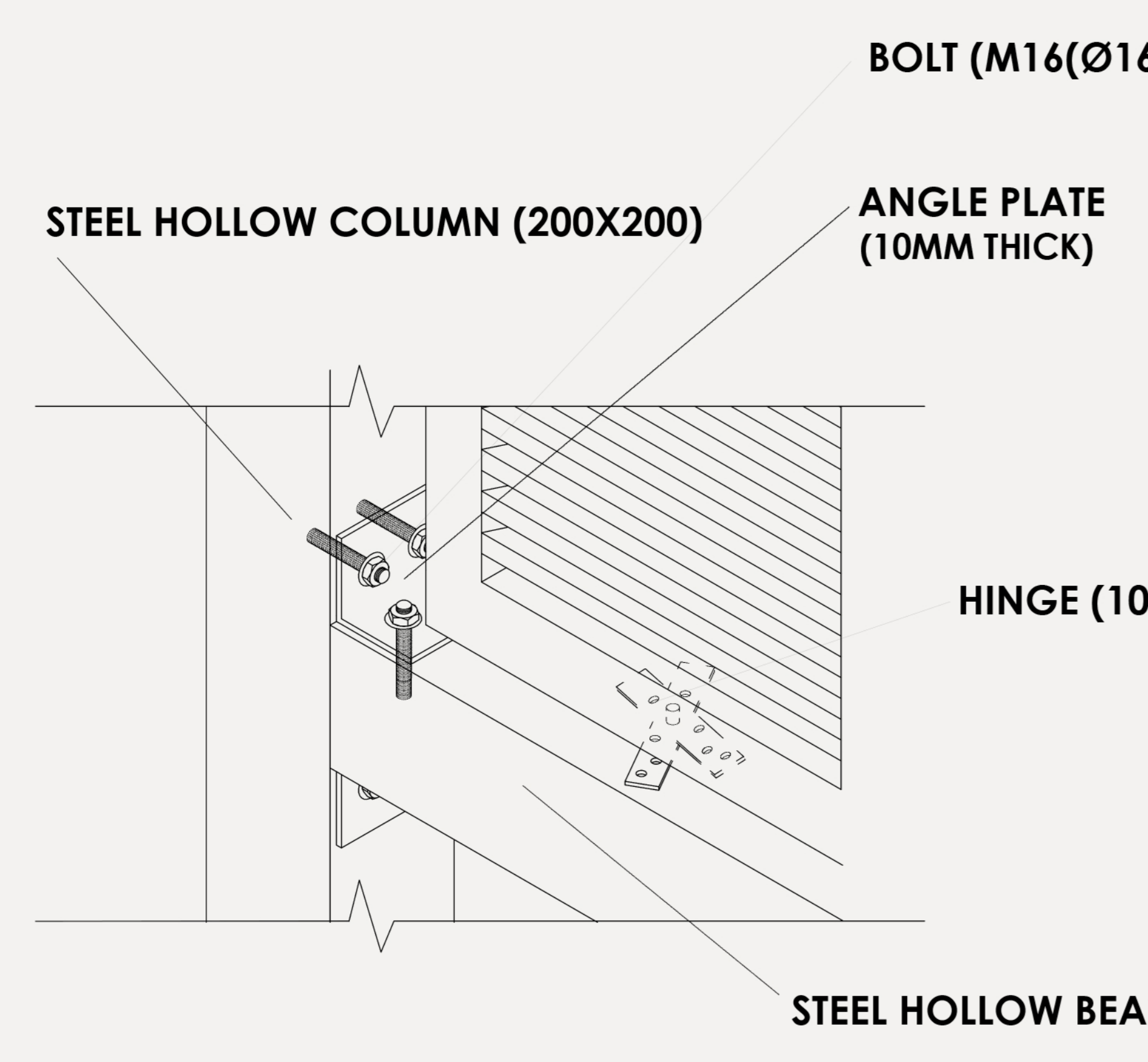
THE OPEN-PLAN LAYOUT ALLOWS VISUAL CONNECTIVITY ACROSS SPACES, ENCOURAGING INTERACTION AND COLLABORATION AMONG USERS.

THE EXPOSED STEEL STRUCTURE AND ROOF TRUSSES ENHANCE THE ARCHITECTURAL EXPRESSION WHILE ALLOWING NATURAL LIGHT AND VENTILATION TO PENETRATE INTO THE INTERIOR SPACES.



- WOOD GRAIN STEEL ROOF SHEET (0.47MM)
- STEEL PURLIN (100X200)
- STEEL HOLLOW COLUMN (200X200)

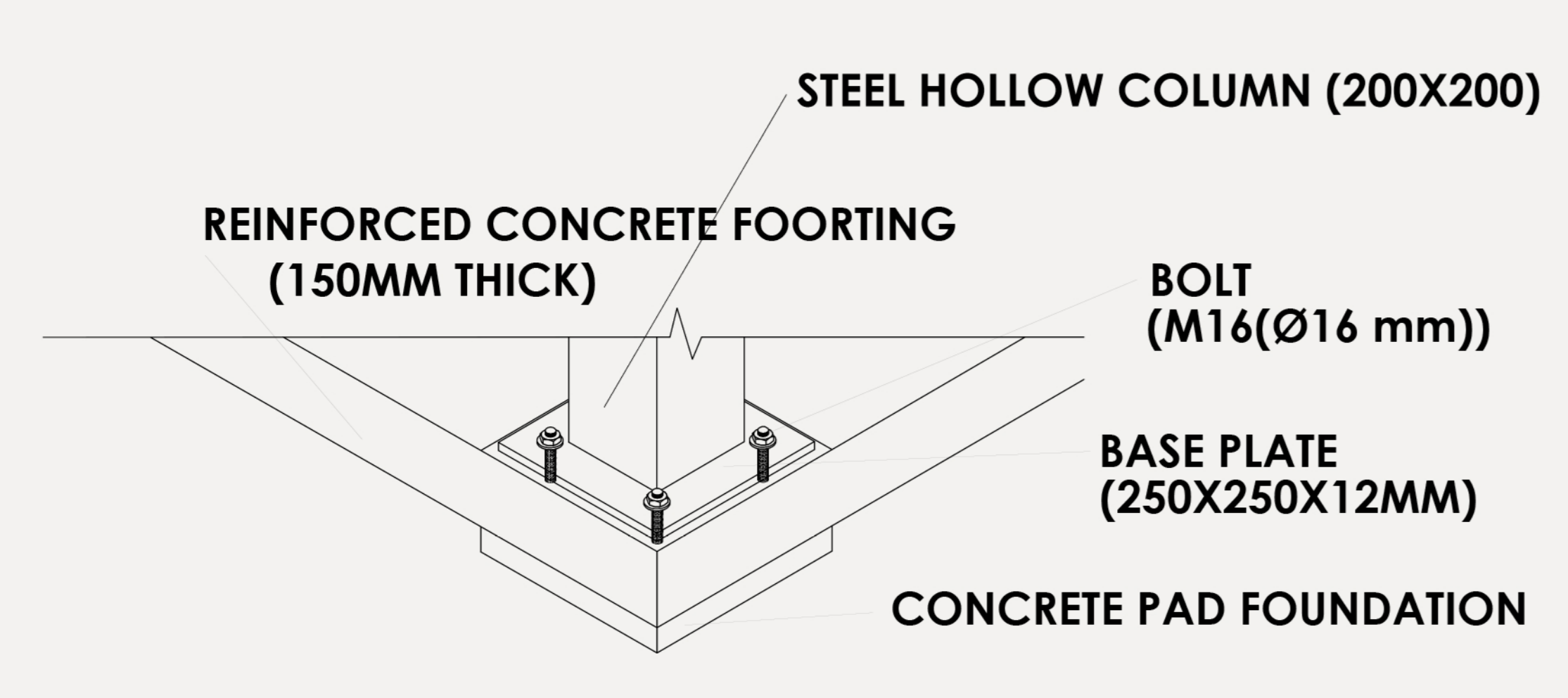
DETAIL A. ROOF CONNECTION
SCALE 1:5



- BOLT (M16(Ø16 mm))
- ANGLE PLATE (10MM THICK)
- HINGE (100X75)

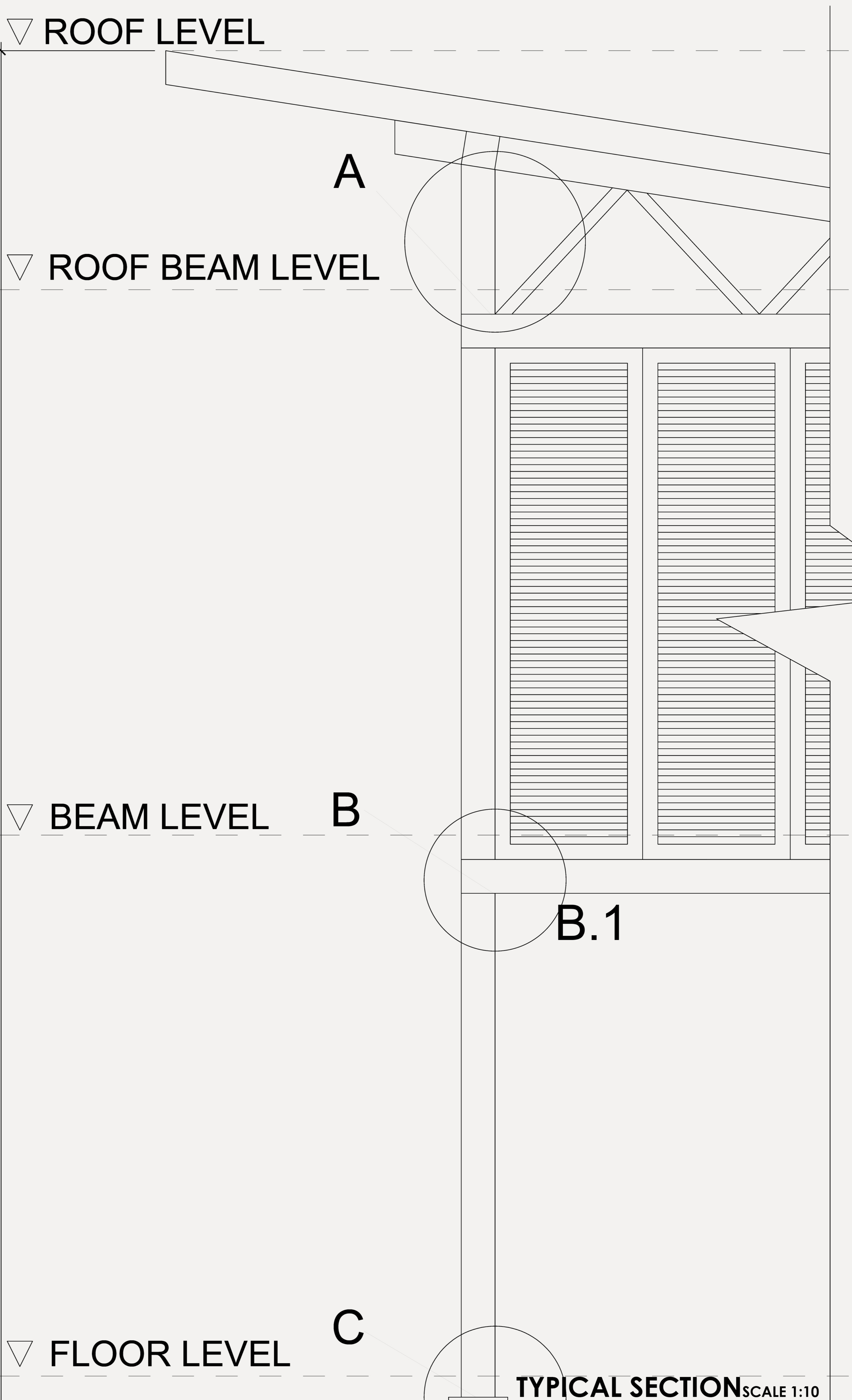
DETAIL B. BEAM TO COLUMN CONNECTION
SCALE 1:5

DETAIL B.1 WINDOW HINGE CONNECTION
SCALE 1:5



- STEEL HOLLOW COLUMN (200X200)
- REINFORCED CONCRETE FOOTING (150MM THICK)
- BOLT (M16(Ø16 mm))
- BASE PLATE (250X250X12MM)
- CONCRETE PAD FOUNDATION

DETAIL C. COLUMN TO FOUNDATION
SCALE 1:5



TYPICAL SECTION SCALE 1:10