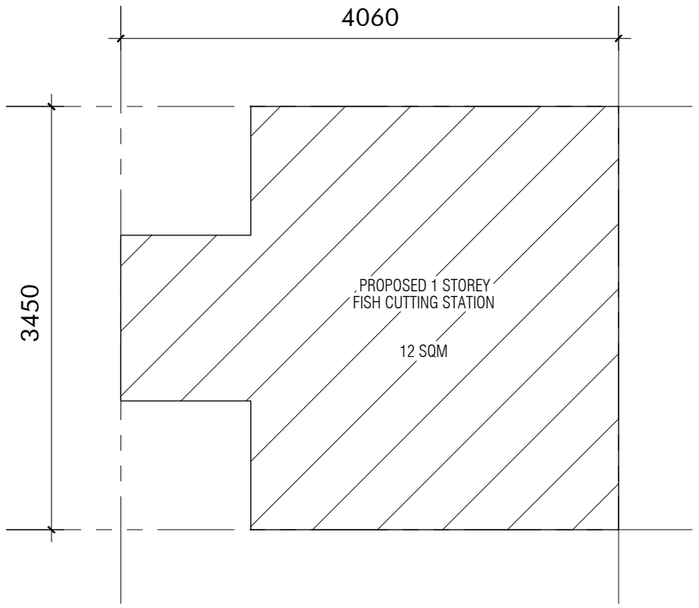
niva
design

FISH CUTTING STATION

PUBLIC SERVICE FACILITY

HA. MOLHADHOO

CONTENT



SCALE 1:50

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SITE PLAN

MOLHADHOO FISH CUTTING STATION

niva design

PROJECT NAME:
FISH CUTTING STATION

LOCATION:
HA. MOLHADHOO

CLIENT:
HA. MOLHADHOO COUNCIL

DESIGN FIRM:
NIVA DESIGN

ARCHITECTURAL CHECKER:
-

STRUCTURAL ENGINEER:
-

STRUCTURAL CHECKER:
-

DATE:
05.07.2023

NOTES:
DIMENSION IN MM

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DRAWING TITLE:
SITE PLAN

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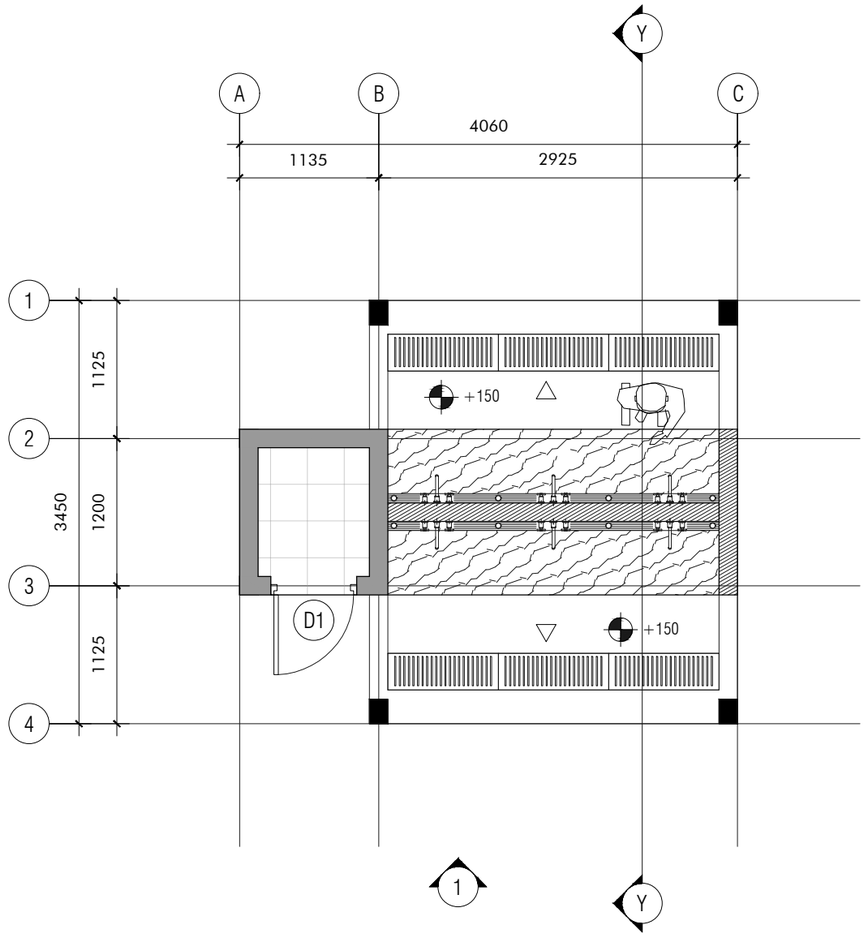

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GROUND FLOOR PLAN

MOLHADHOO FISH CUTTING STATION

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PROJECT NAME:
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STRUCTURAL ENGINEER:
-

STRUCTURAL CHECKER:
-

DATE:
05.07.2023

NOTES:
DIMENSION IN MM

N

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GROUND FLOOR PLAN

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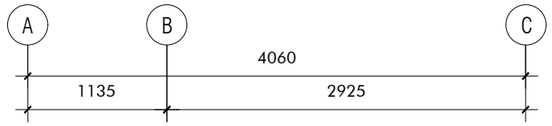

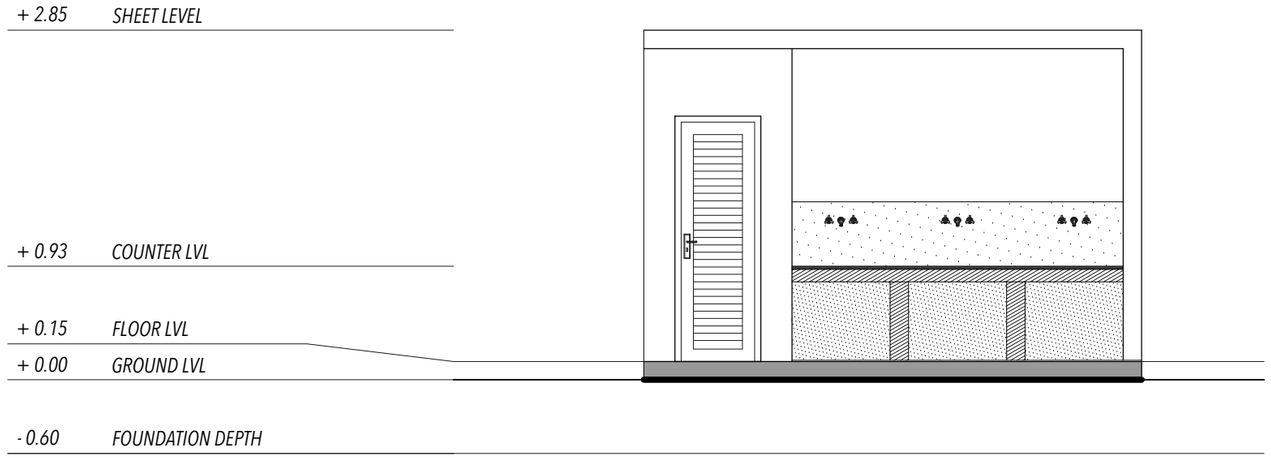

SCALE 1:50

0 1 2 3 4 5m

ELEVATION 1

MOLHADHOO FISH CUTTING STATION

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STRUCTURAL ENGINEER:
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STRUCTURAL CHECKER:
-

DATE:
05.07.2023

NOTES:
DIMENSION IN MM

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ELEVATION 1

SCALE:
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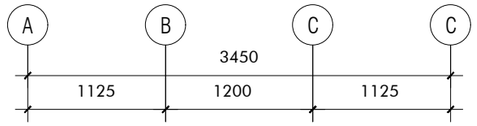

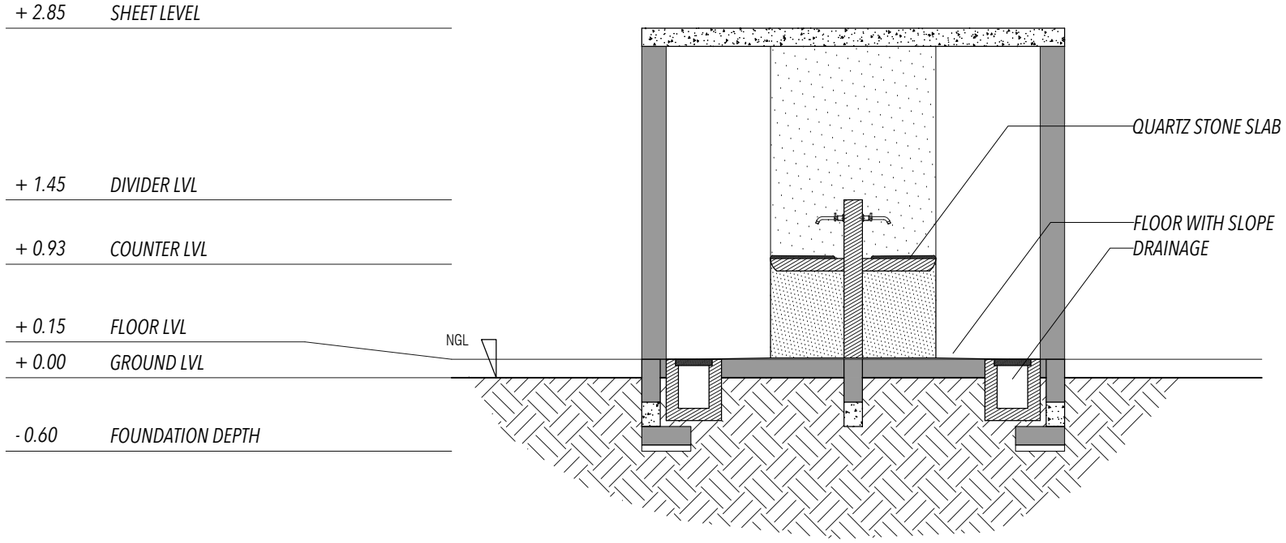

SCALE 1:50

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SECTION Y

MOLHADHOO FISH CUTTING STATION

niva design

PROJECT NAME:
FISH CUTTING STATION

LOCATION:
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NIVA DESIGN

ARCHITECTURAL CHECKER:
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STRUCTURAL ENGINEER:
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STRUCTURAL CHECKER:
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DATE:
05.07.2023

NOTES:
DIMENSION IN MM

N

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SECTION Y

SCALE:
1:50

PAGE NO.:
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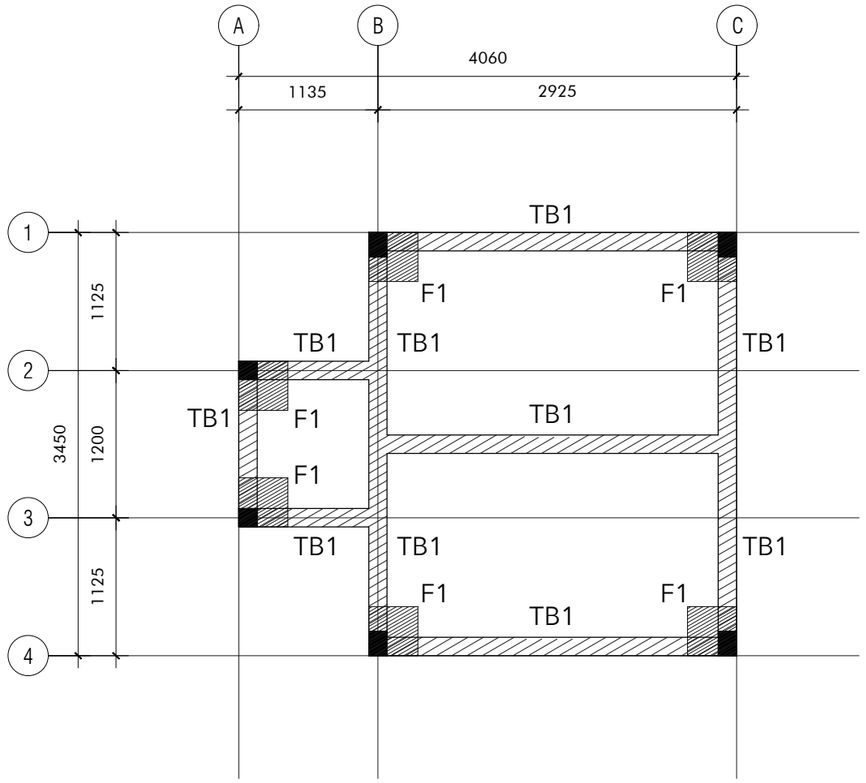

SCALE 1:50

0 1 2 3 4 5m

FOUNDATION PLAN

MOLHADHOO FISH CUTTING STATION

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PROJECT NAME:
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DESIGN FIRM:
NIVA DESIGN

ARCHITECTURAL CHECKER:
-

STRUCTURAL ENGINEER:
-

STRUCTURAL CHECKER:
-

DATE:
05.07.2023

NOTES:
DIMENSION IN MM

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DRAWING TITLE:
FOUNDATION PLAN

SCALE:
1:50

PAGE NO.:
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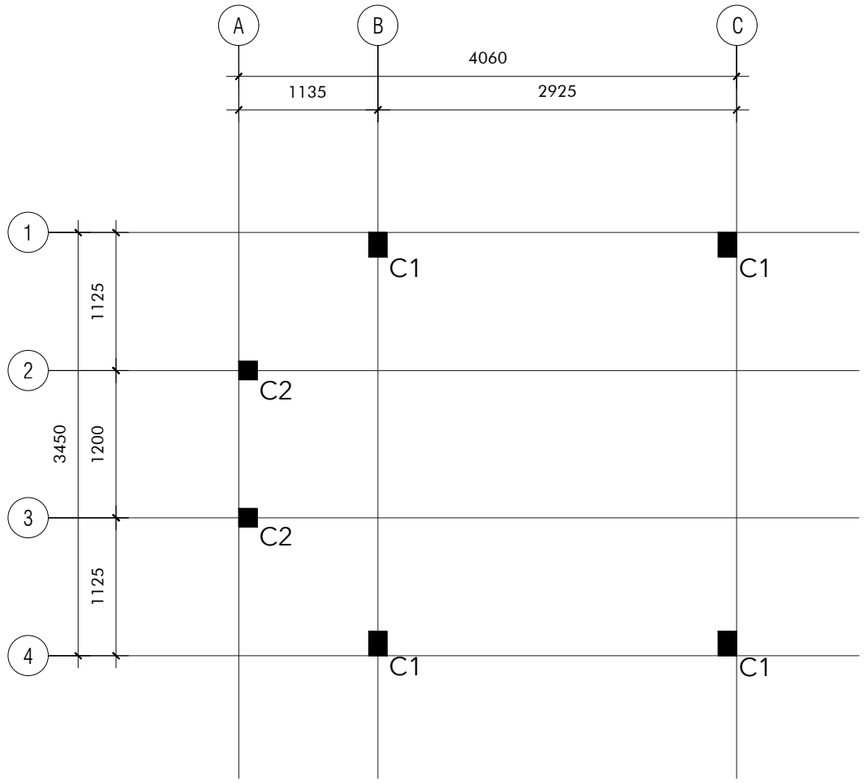

SCALE 1:50

0 1 2 3 4 5m

COLUMN PLAN

MOLHADHOO FISH CUTTING STATION

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STRUCTURAL ENGINEER:
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STRUCTURAL CHECKER:
-

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05.07.2023

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N

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COLUMN PLAN

SCALE:
1:50

PAGE NO.:
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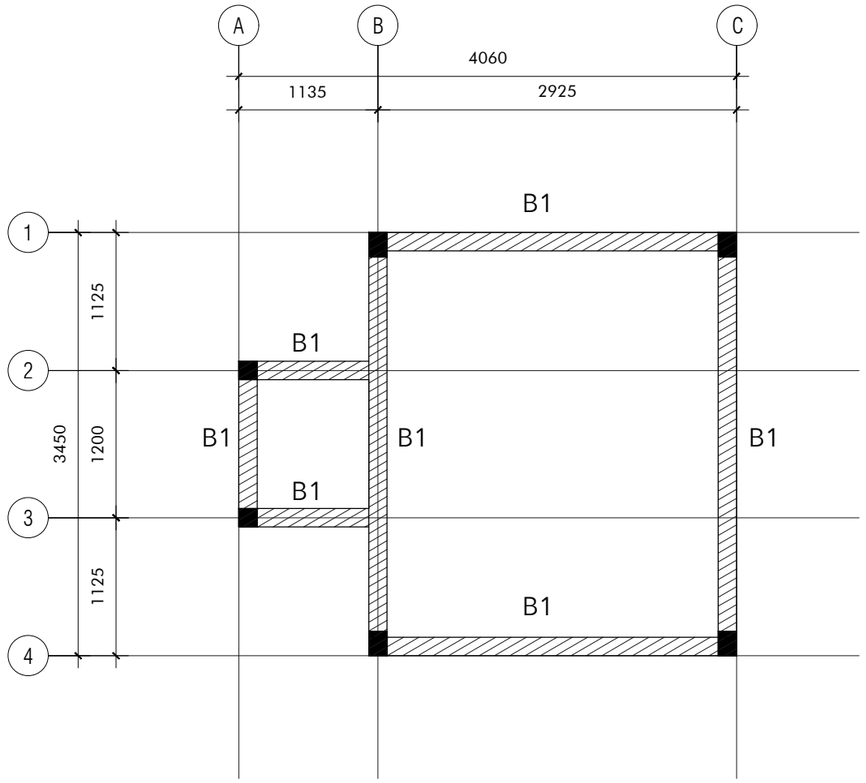

SCALE 1:50

0 1 2 3 4 5m

SLAB BEAM PLAN

MOLHADHOO FISH CUTTING STATION

niva design

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NIVA DESIGN

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STRUCTURAL ENGINEER:
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STRUCTURAL CHECKER:
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05.07.2023

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DIMENSION IN MM

N

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SLAB BEAM PLAN

SCALE:
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PAGE NO.:
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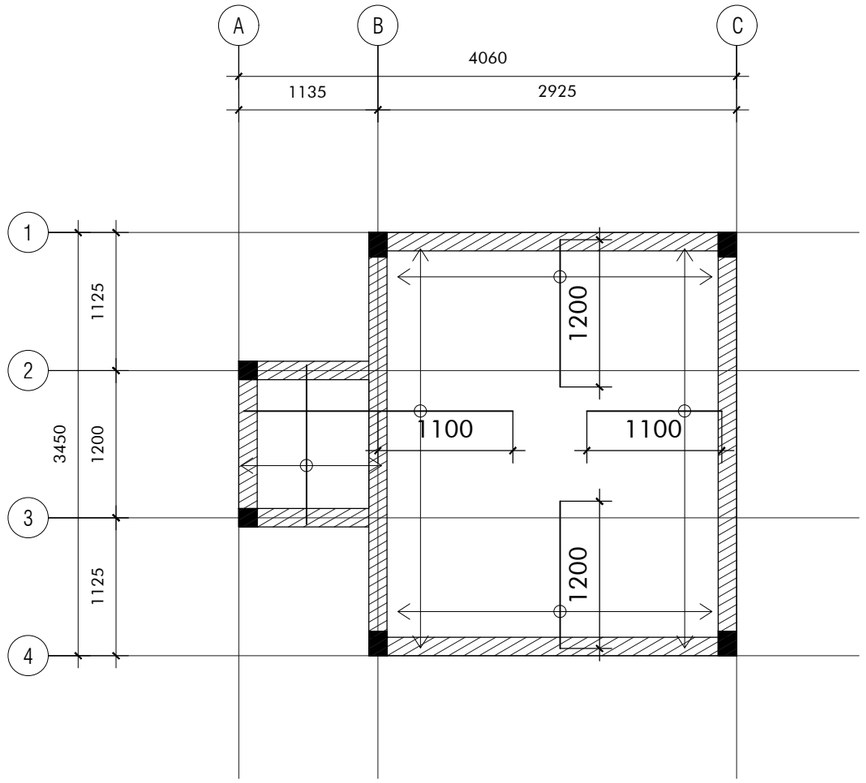

NOTE

- SLAB THICKNESS = 130mm
- SHADED SLAB THICKNESS = AS GIVEN
- BOT BARS = T10@250 B/W THROUGHOUT
- TOP BARS = T10@250 AS SHOWN (UNLESS SPECIFIED OTHERWISE)
- DISTRIBUTION BARS = T10@300
- BARS DISCONTINUOUS OVER VOIDS

SCALE 1:50

0 1 2 3 4 5m

SLAB REINFORCEMENT PLAN

MOLHADHOO FISH CUTTING STATION

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NIVA DESIGN

ARCHITECTURAL CHECKER:
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STRUCTURAL ENGINEER:
-

STRUCTURAL CHECKER:
-

DATE:
05.07.2023

NOTES:
DIMENSION IN MM

N

DRAWING TITLE:
SLAB REINFORCEMENT PLAN

SCALE:
1:50

PAGE NO.:
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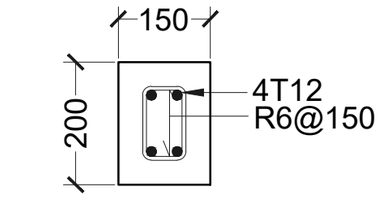
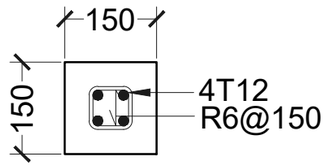


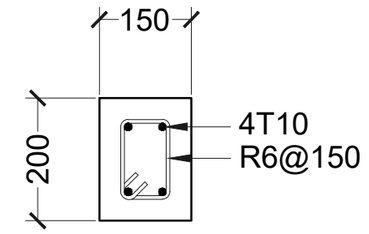
C1



C2

COLUMN DETAILS

MOLHADHOO FISH CUTTING STATION



TB1

TIE BEAM DETAILS

MOLHADHOO FISH CUTTING STATION

NOTE (EXCEPT OTHERWISE NOTED)

- FOUNDATION PAD & BEAM COVER = 50 mm
- COLUMN COVER = 40 mm
- BEAM COVER = 40 mm
- FLOOR SLAB COVER = 30 mm
- MINIMUM CONCRETE GRADE = C30

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ARCHITECTURAL CHECKER:
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STRUCTURAL ENGINEER:
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STRUCTURAL CHECKER:
-

DATE:
05.07.2023

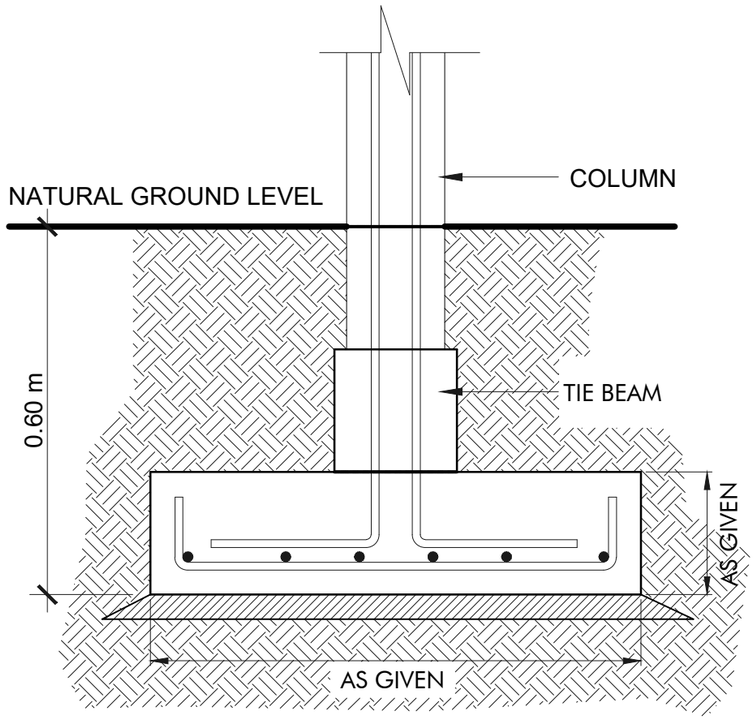
NOTES:
DIMENSION IN MM

N

DRAWING TITLE:
COLUMN & TIE BEAM DETAILS

SCALE:
1:10

PAGE NO.:
09



TYPICAL FOOTING DETAIL

MOLHADHOO FISH CUTTING STATION

TYPE	DIMENSIONS	REINFORCEMENT
F1	400mm x 400mm x 150mm	T10@250C/C B/W (BOTTOM)
FOUNDATION DEPTH = 0.60 m BELOW NATURAL GROUND LEVEL		

FOOTING SCHEDULE

MOLHADHOO FISH CUTTING STATION

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NIVA DESIGN

ARCHITECTURAL CHECKER:
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NOTES:
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DRAWING TITLE:
FOOTING DETAIL

SCALE:
1:10

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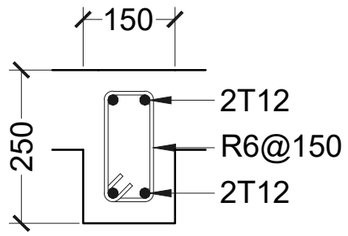
10



B1

RC BEAM DETAILS

MOLHADHOO FISH CUTTING STATION

NOTE (EXCEPT OTHERWISE NOTED)

- BEAM REINFORCEMENT BARS SHALL EXTEND 1.0m LENGTH INTO ADJOINING BEAM OR SHALL FULLY ANCHOR INTO SUPPORTING COLUMN

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FISH CUTTING STATION

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NIVA DESIGN

ARCHITECTURAL CHECKER:
-

STRUCTURAL ENGINEER:
-

STRUCTURAL CHECKER:
-

DATE:
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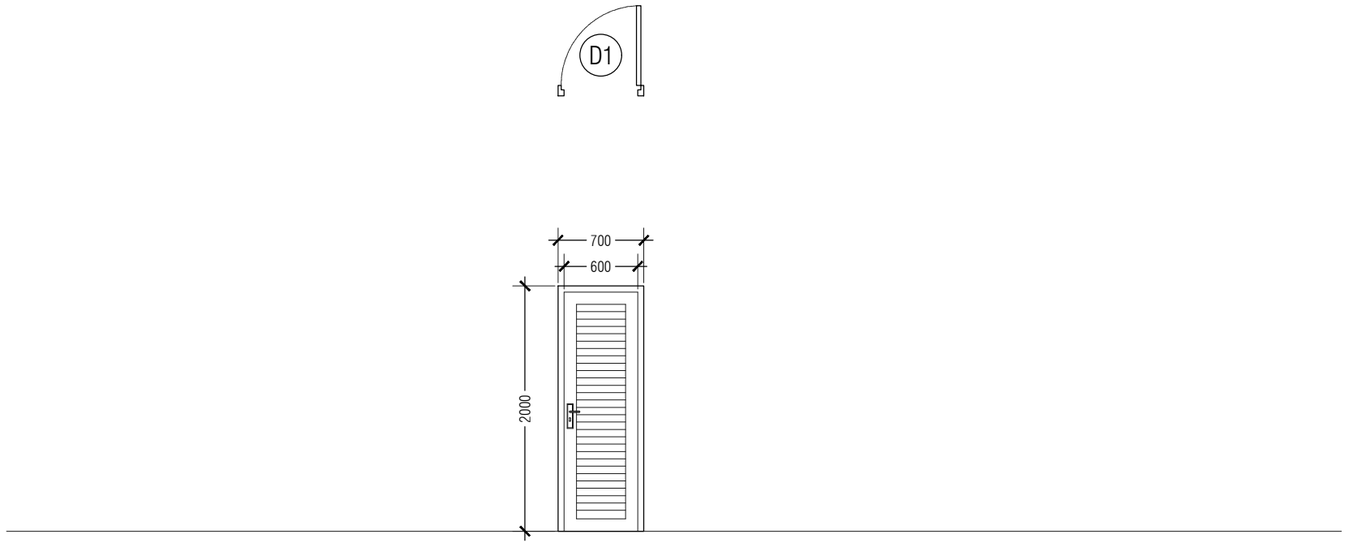
NOTES:
DIMENSION IN MM

N

DRAWING TITLE:
RC BEAM DETAILS

SCALE:
1:10

PAGE NO.:
11



D1	SWING DOOR
REMARKS	ALUMINUM FRAMED DOOR WITH POWDER COATED [60 MICRONS] BLACK PAINTED ALUMINUM DOOR FRAMES LOUVER DOUBLE SIDE
OPEN AREA	1.2 SQM
LOCATION	GROUND FLOOR
QUANTITY	1

SCALE 1:50

0 1 2 3 4 5m

DOOR / WINDOW SCHEDULE

MOLHADHOO FISH CUTTING STATION

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STRUCTURAL CHECKER:
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NOTES:
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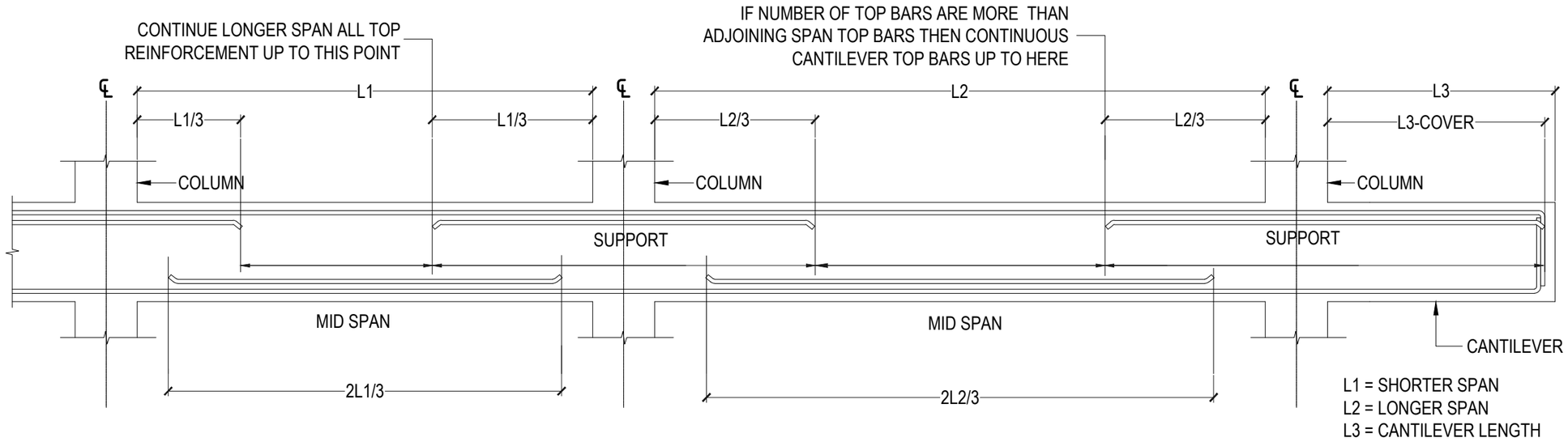
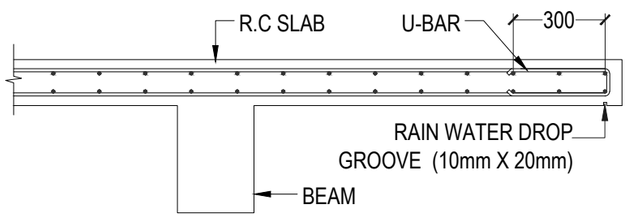
DRAWING TITLE:
DOOR / WINDOW SCHEDULE

SCALE:
1:50

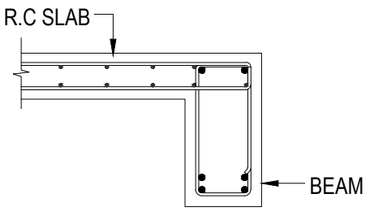
PAGE NO.:
12



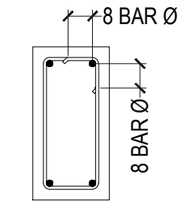
SIMPLIFIED DETAILING RULES FOR BEAMS



CANTILEVERED SLAB EDGE DETAIL



SLAB TO BEAM ANCHORAGE DETAIL



SHEAR LINKS ANCHORAGE DETAIL

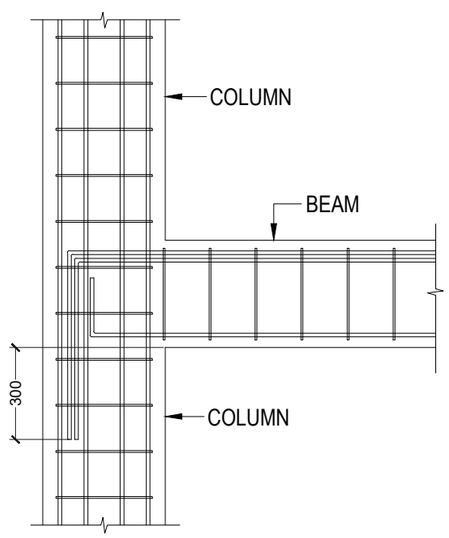
NOTE :

STANDARD DETAILS GIVEN HERE ALSO APPLIES TO FOUNDATION MEMBERS

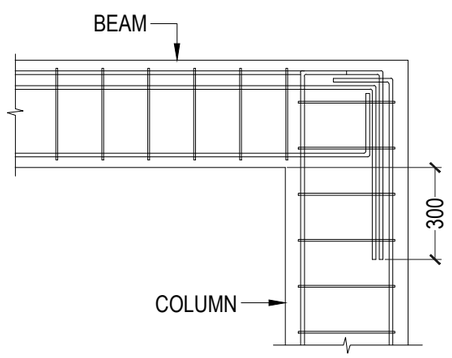
OTHER DETAILS NOT FOUND HERE SHALL BE REFERRED TO IN RELEVANT BS CODES OR SHALL BE APPROVED BY CLIENTS ENGINEER

STANDARD DETAILING RULES

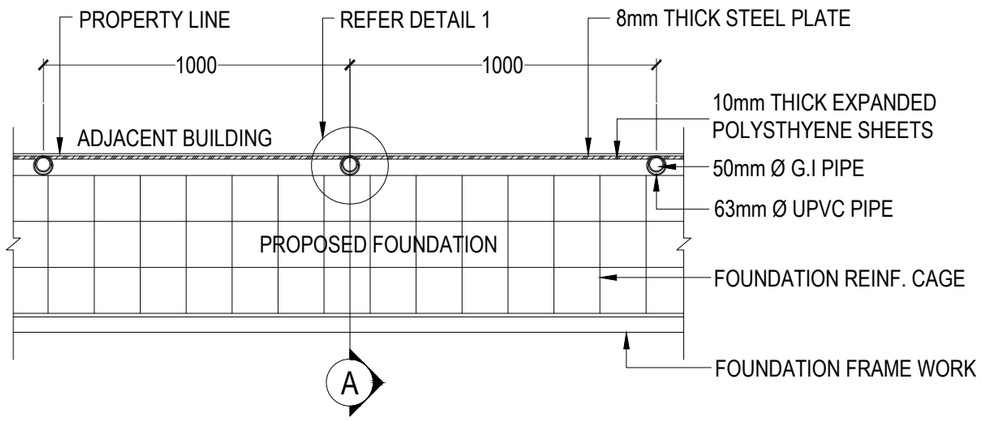
NTS



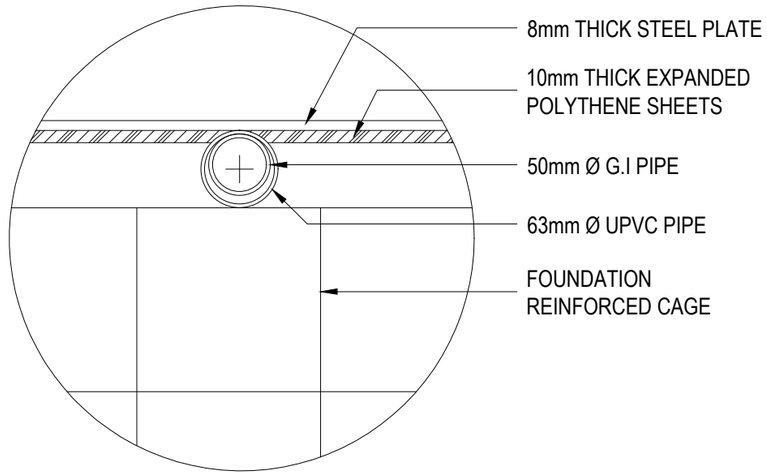
BEAM TO COLUMN CONNECTION



END COLUMN TO BEAM CONNECTION



SHORING DETAIL PLAN VIEW

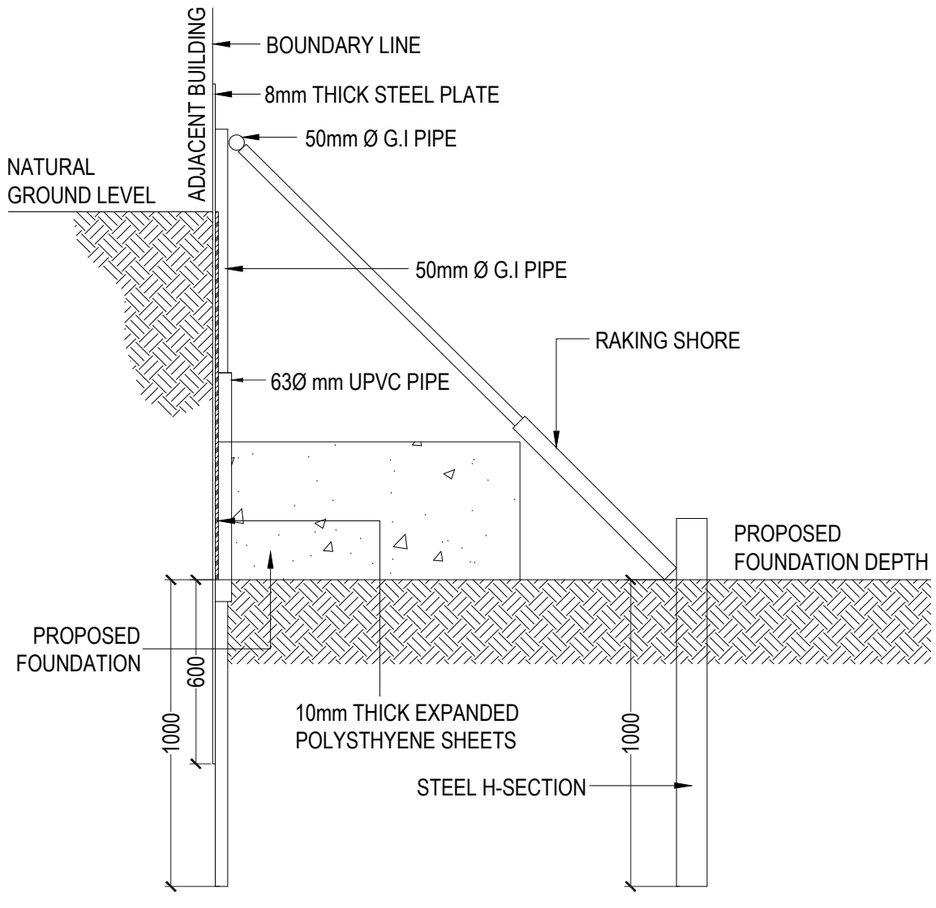


DETAIL - 1

METHOD OF PROTECTING ADJACENT STRUCTURES DURING EXCAVATION FOR FOUNDATION

1. BEFORE THE LEVEL OF EXCAVATION REACHES THE BOTTOM OF THE ADJACENT FOUNDATION, PLACE THE STEEL PLATE AGAINST THE ADJACENT PROPERTY' AND DRIVE THE UPRIGHT G.I PIPES (WITH THE UPVC SLEEVES) INTO THE GROUND.
2. DRIVE THE STEEL PLATES 400-500 mm INTO THE GROUND
3. EXCAVATE ANOTHER 300mm DEEPER.
4. DRIVE THE STEEL PLATE ANOTHER 300mm DEEPER.
5. FOLLOW THIS PROCEDURE UNTIL THE REQUIRED DEPTH (AS SHOWN IN THE DIAGRAM) IS REACHED.
6. PROP THE G.I PIPES USING WALING AND RAKING SHORES AS SHOWN IN THE DIAGRAM.
7. POUR THE FOUNDATION.
8. AFTER 3 DAYS REMOVE THE UPRIGHT G.I PIPES AND PLACE THE WALING AGAINST THE STEEL SHEET, USING RAKING SHORES AS BEFORE.
9. GROUT THE SPACE INSIDE UPVC PIPES.
10. WHILE BACKFILLING, REMOVE STEEL SHEETS AND RAKING SHORES.

NOTE
STEEL PLATES MAY REQUIRE STIFFENING WITH WELDED ANGLES IN BOTH DIRECTIONS.
EXCAVATION & SHORE PROTECTION MUST PROCEED IN PORTIONS, DECIDED BASED ON SITE CONDITIONS FOR MAXIMUM SAFETY & PROTECTION.



SECTION - A

FOUNDATION PROTECTION METHOD

NTS