

FAD PROPOSED 2 STOREY
AT HULHUMALE LOT 10292

ARCHITECTURAL & STRUCTURAL DRAWINGS

CLIENT: MINISTRY OF FISHERIES
AND OCEAN RESOURCES

JUNE 2024



Associates Architects

S M ASSOCIATES ARCHITECTS
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TEL: (960) 7826260, (960) 7977119
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NOTES:

NO.	DESCRIPTION	DATE
REV A0	ISSUED FOR APPROVAL	8-AUG-24

LOT 10292

PROPOSED TWO STOREY BUILDING

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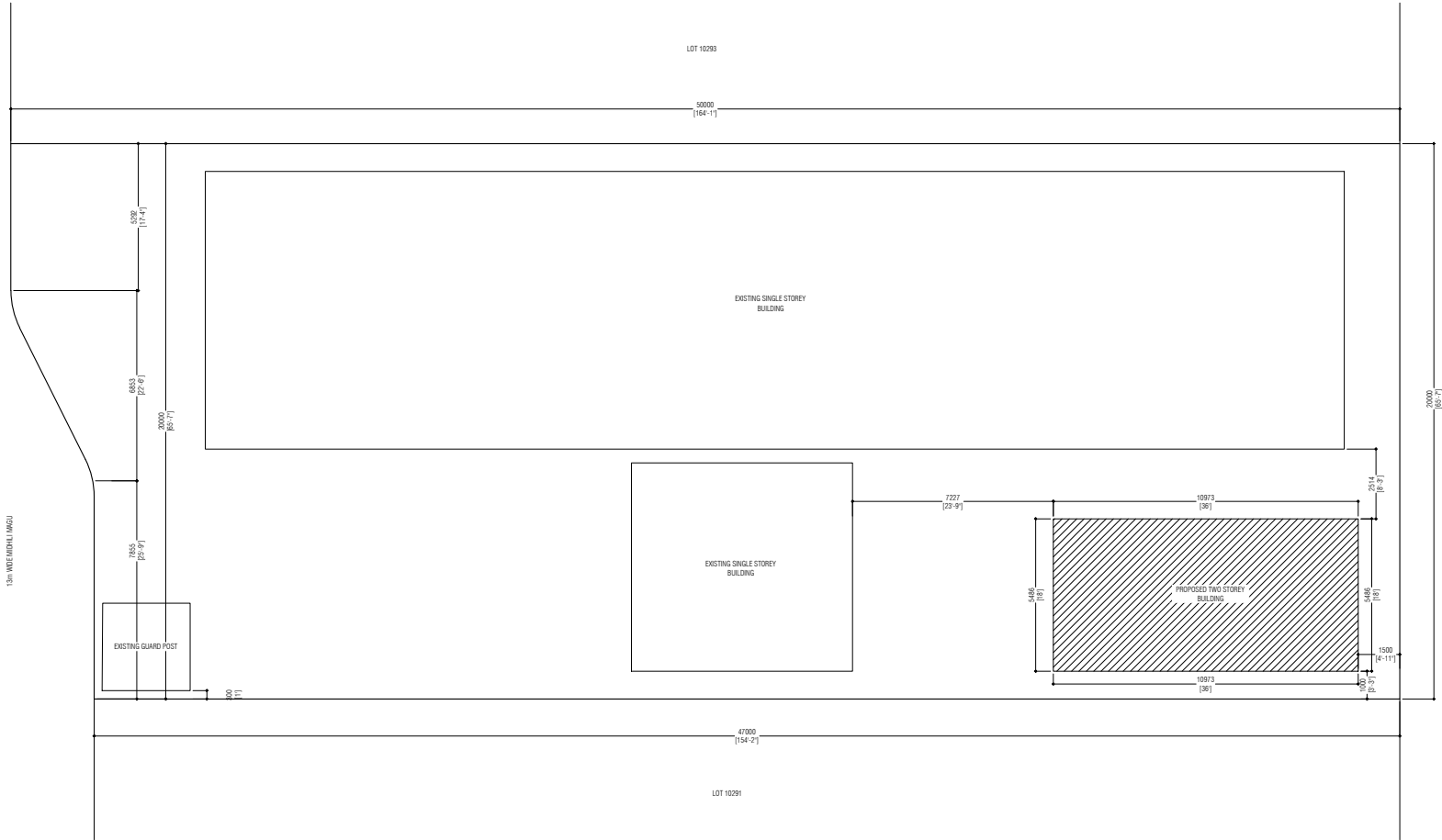
Architect: LAYANA
Drafting: ZAYAN
Engineer: MAFRAH MOOSA DIDI
Structural Checker: KINANATH HUSSAIN
Architectural Checker: ISHA

Drawing Title: AS SHOWN

Issue: IFA Date: MAY 2024 Pages: 25

Scale: 1:250 Paper: A4

Dwg #: AR2434-A01- REV[A0]



01 SITE PLAN

SCALE 1:250

0 2m 4m 6m 8m

PLOT AREA: 116.15 SQM
BUILDING FOOTPRINT AREA: 84.44 SQM (23%)
OPEN AREA: 31.71 SQM (27%)



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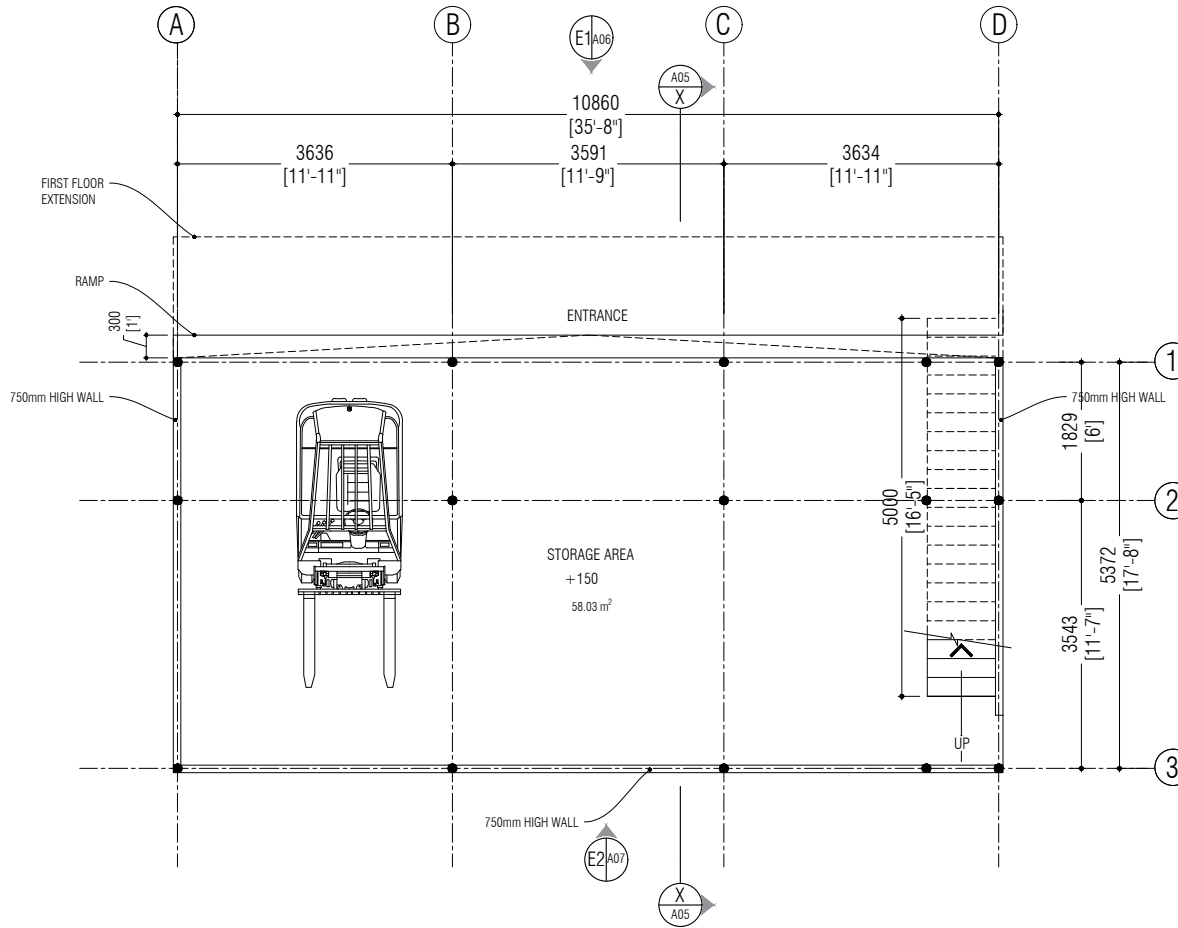
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Scale: 1:100 Paper: A4

Dwg #: AR2434-A02- REV[A0]



01
A02

GROUND FLOOR PLAN

SCALE 1:100



NOTES:

GENERAL NOTES

WALLS

ALL EXTERIOR WALLS ON FIRST FLOOR IS LYSAGHT WALLING SHEETS SUPPORTED BY 50X75 RHS @ 1200. (LAID HORIZONTALLY).

ALL INTERIOR SURFACES OF EXTERIOR WALLS ARE FINISHED WITH CEMENT BOARD + PUTTY & PAINT FINISH WITH 40X40 SHS FRAME.

ALL INTERNAL WALLS: 50X50 SHS FRAME WITH CEMENT BOARD + PUTTY & PAINT FINISH.

FLOORING

ALL EXTERNAL AREAS, TOILETS, SHOWERS, SLUICE ROOMS AND THEIR RESPECTIVE LOBBIES TO HAVE NON-SLIP CERAMIC FLOOR TILES.

FFL OF TOILETS WITH SHOWERS, OUTDOOR BALCONIES SHALL BE 25MM LOWER THAN FFL OF ADJACENT SPACE.

*MATERSEAL 550' CHEMICAL SHOULD BE APPLIED IN ALL THE TOILETS AND BALCONY FLOORS UP TO 1 FEET HIGH ON THE WALLS AFTER SCREEDING.

*MASTERTILE 30' OR EQUIVALENT CHEMICAL CEMENT SHOULD BE USED FOR ALL TILING.

*MASTERTILE 530mm' OR EQUIVALENT SHOULD BE USED FOR GROUT.

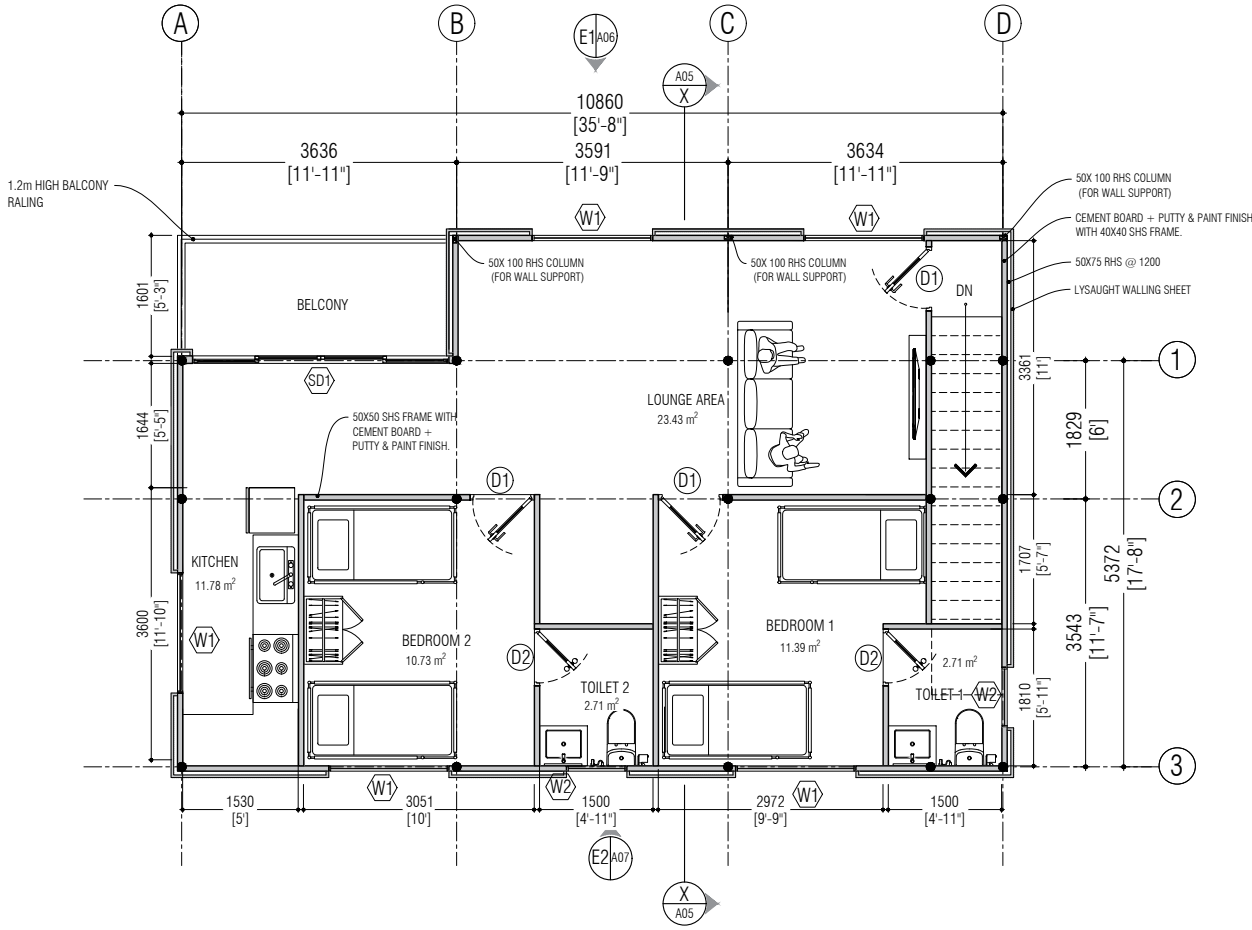
ALL LEVELS ON FLOOR PLAN ARE GIVEN AS FLOOR FINISH LEVELS

ALL THE WORK SHOULD BE CARRIED OUT ACCORDING TO THE CONSULTANT.

ALL THE TILES AND PAINT SHOULD BE SPECIFIED BY THE CONTRACTOR AND APPROVED BY THE CLIENT.

CEILING

ALL TOILETS SHALL HAVE SUSPENDED CEILING AT +2450 FFL. ALL OTHER AREAS HAVE SLOPED CEILING FIXED TO BOTTOM OF TRUSS.



01 FIRST FLOOR PLAN - OPTION 01

SCALE 1:100



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Dwg #: AR2434-A03- REV[A0]



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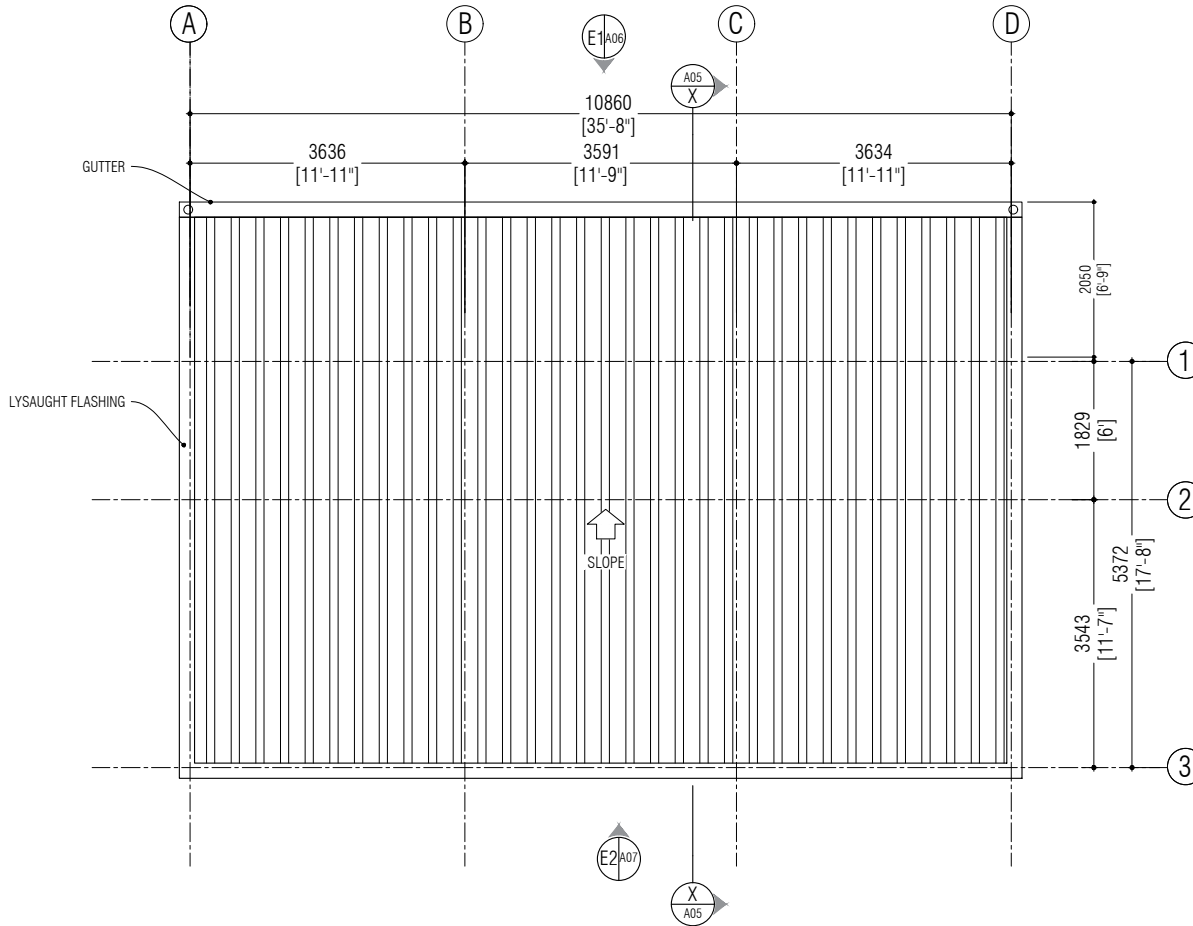
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Dwg #: AR2434-A04- REV[A0]



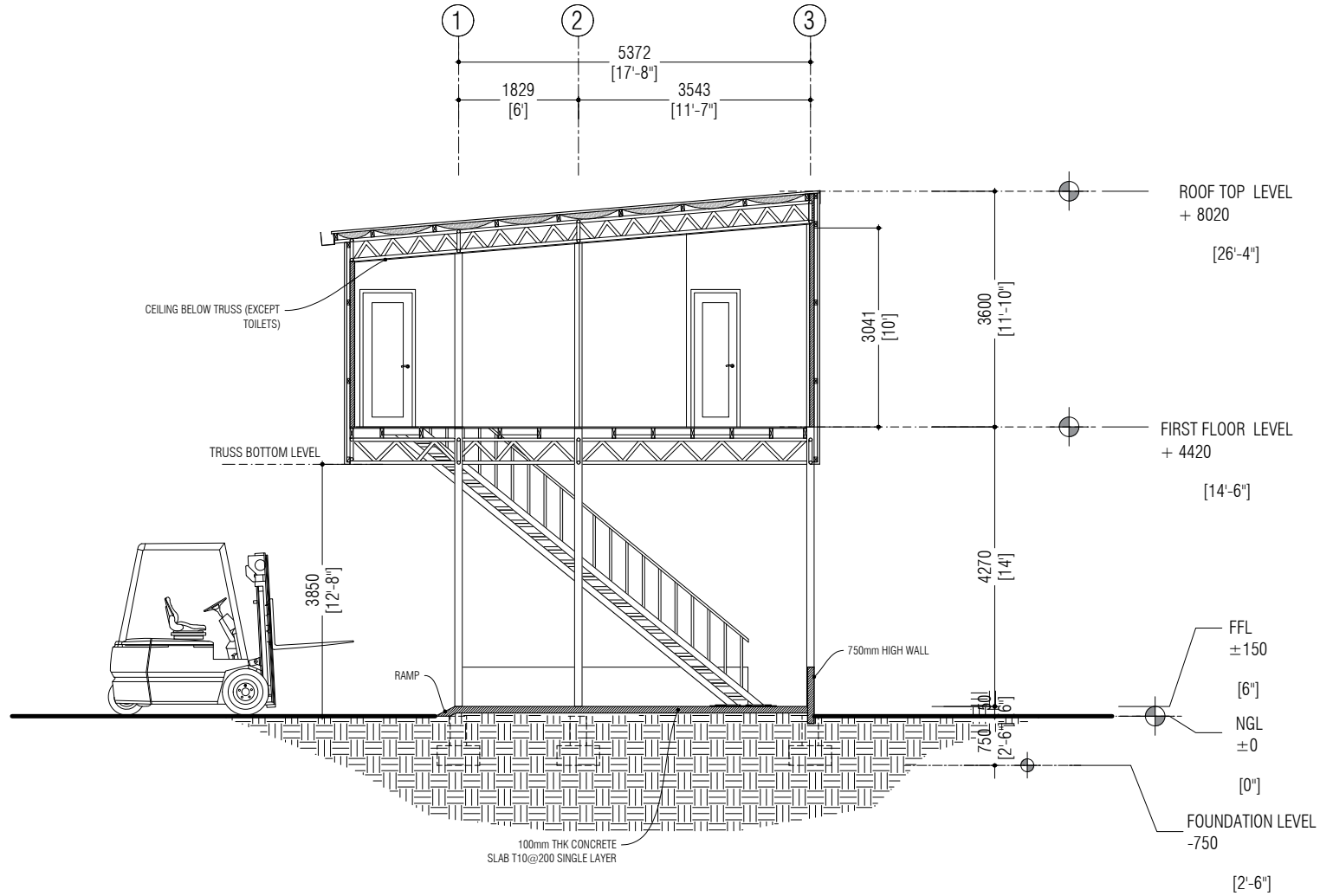
01 ROOF PLAN
SCALE 1:100



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NOTES:



01 SECTION X-X
A05 SCALE 1:100

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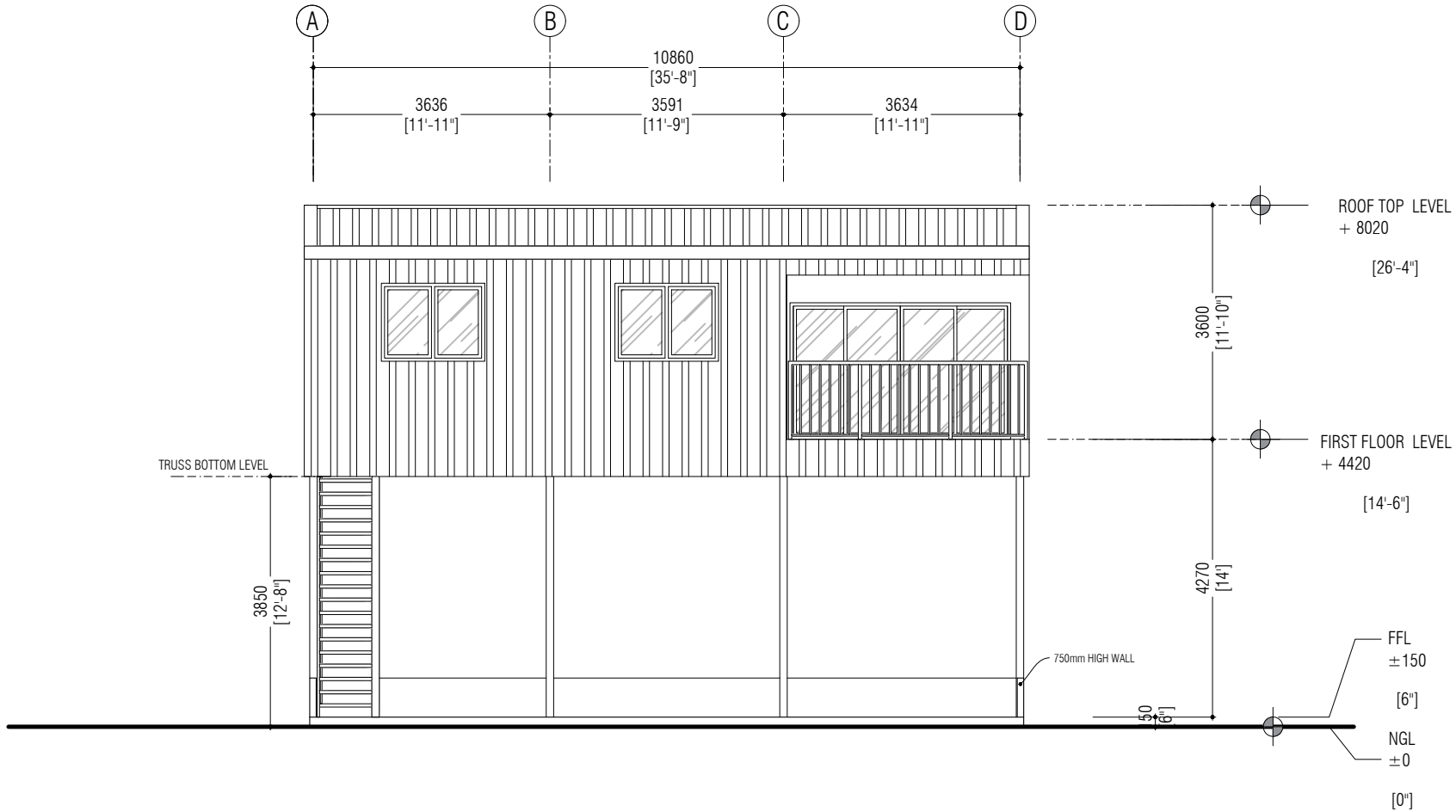
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NOTES:



01 ELEVATION E-1

SCALE 1:100



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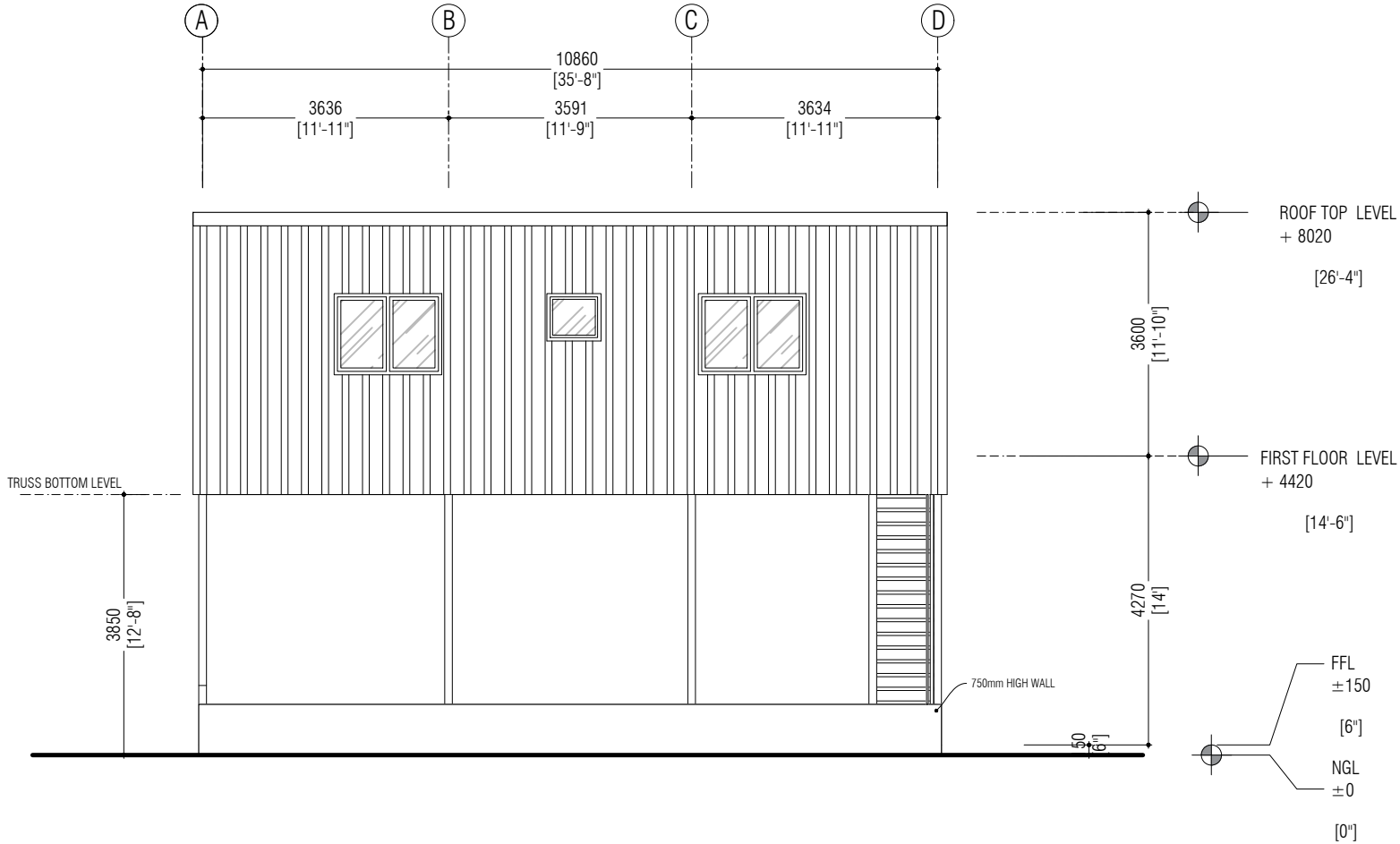
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01 ELEVATION E-2
A07 SCALE 1:100



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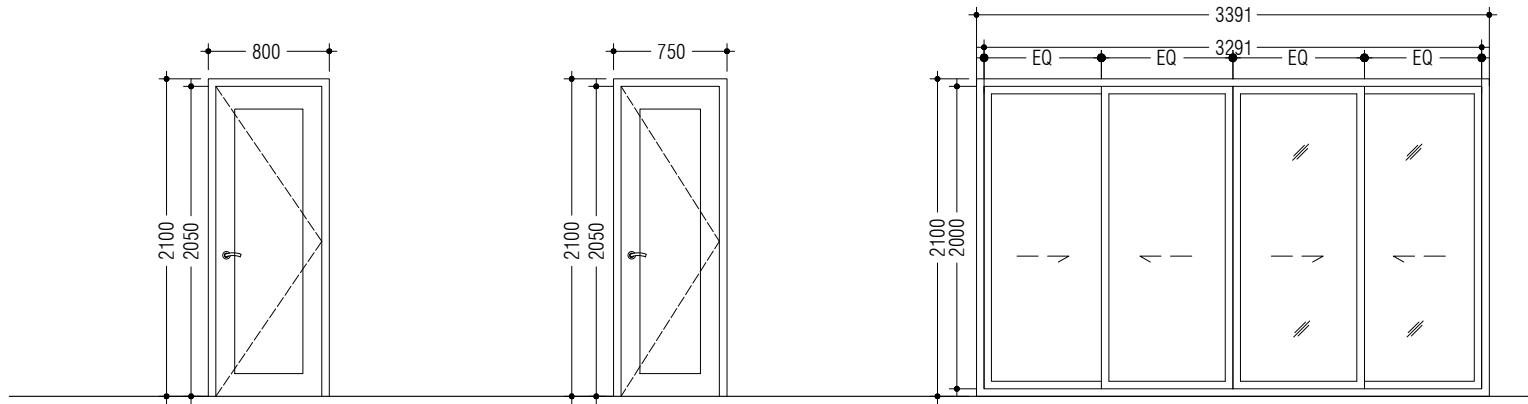
D/W #
DOOR FRAME
PANEL
FINISHES
MAX. OPEN AREA

D1
WOOD
WOOD
LACQUERED WALNUT FINISH
1.43 SQM

D2
WOOD
WOOD
LACQUERED WALNUT FINISH
1.33 SQM

SD1
ALUMINIUM
ALUMINIUM GLASS
GREY BLACK TINT
3.29 SQM

FFL ▼



DOOR WINDOW SCHEDULE 1

SCALE 1:50



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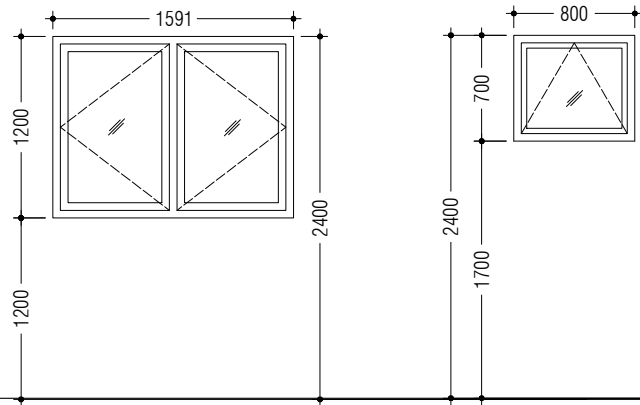
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Dwg #: AR2434-A08- REV[A0]

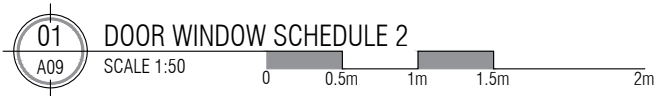
D/W #
DOOR FRAME
PANEL
FINISHES
MAX. OPEN AREA

W1
ALUMINIUM
ALUMINIUM GLASS
GREY CLEAR
1.64 SQM

W2
ALUMINIUM
ALUMINIUM GLASS
GREY CLEAR
0.42 SQM



FFL ▼



DOOR WINDOW SCHEDULE 2

SCALE 1:50



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Dwg #: AR2434-A09- REV[A0]



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Scale: 1:50 Paper: A4

Dwg #: AR2434-A10- REV[A0]

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VENTILATION SCHEDULE

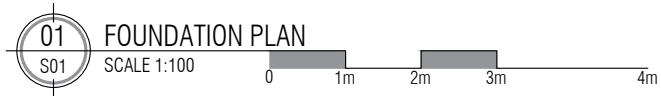
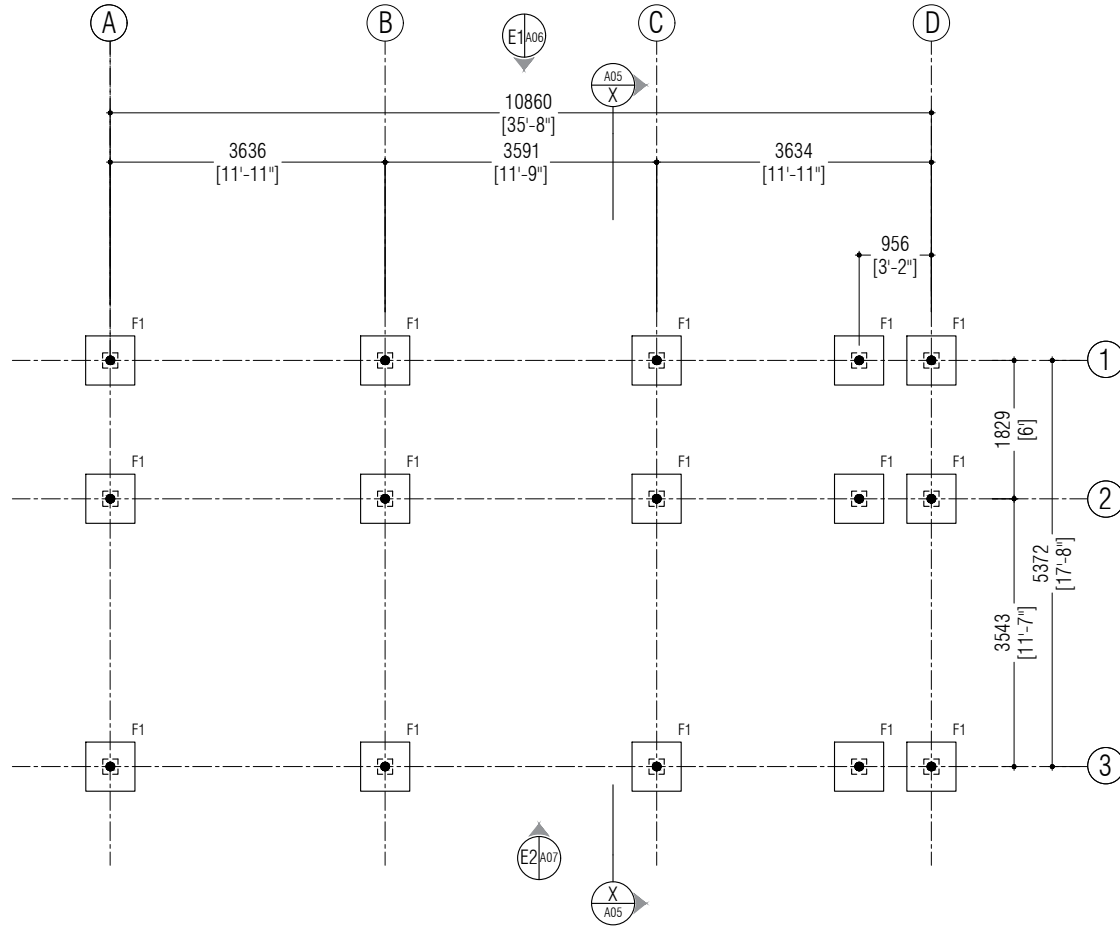
SCALE NTS



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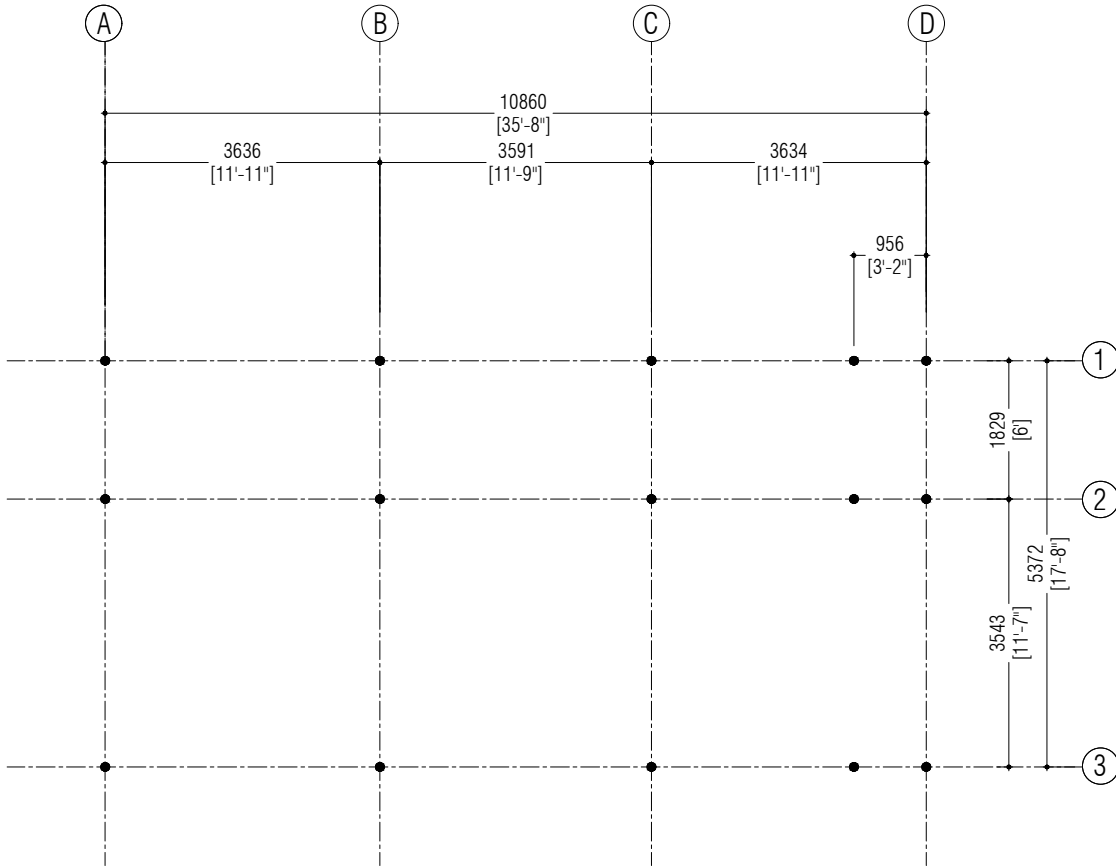
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COLUMN PLAN

SCALE 1:100



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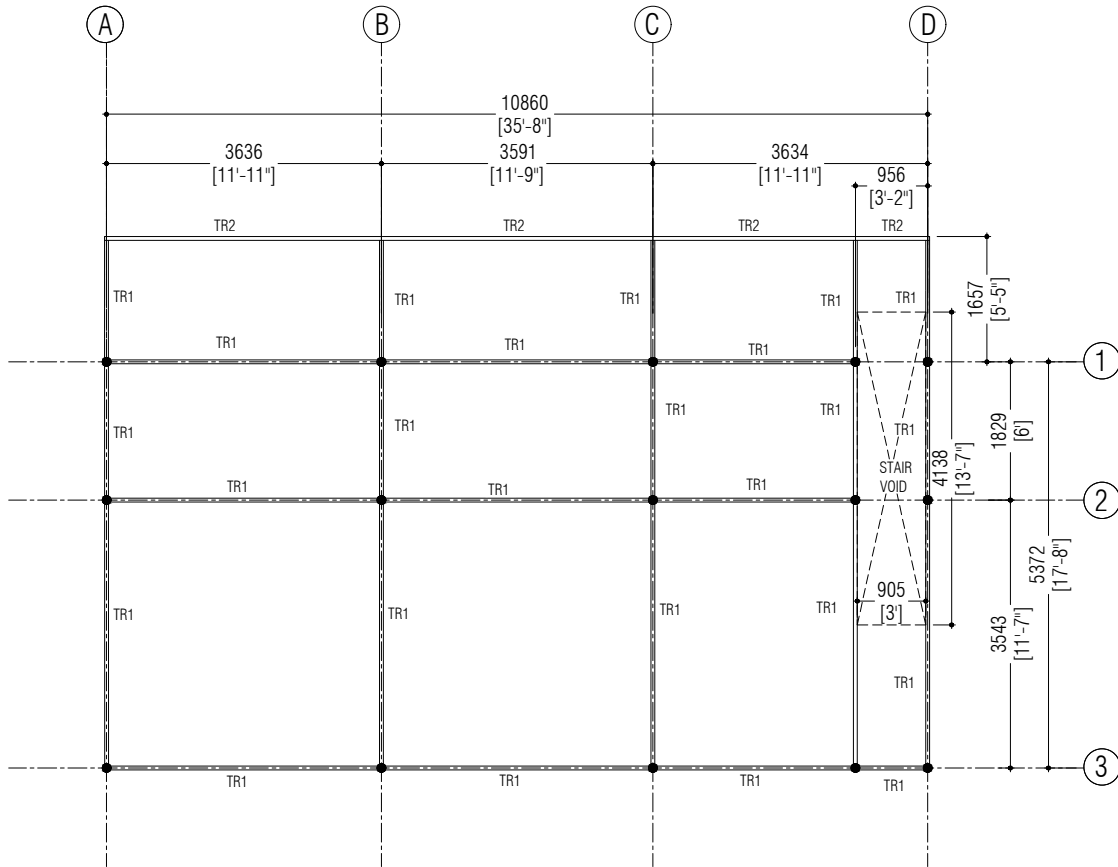
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FIRST FLOOR TRUSS PLAN

SCALE 1:100



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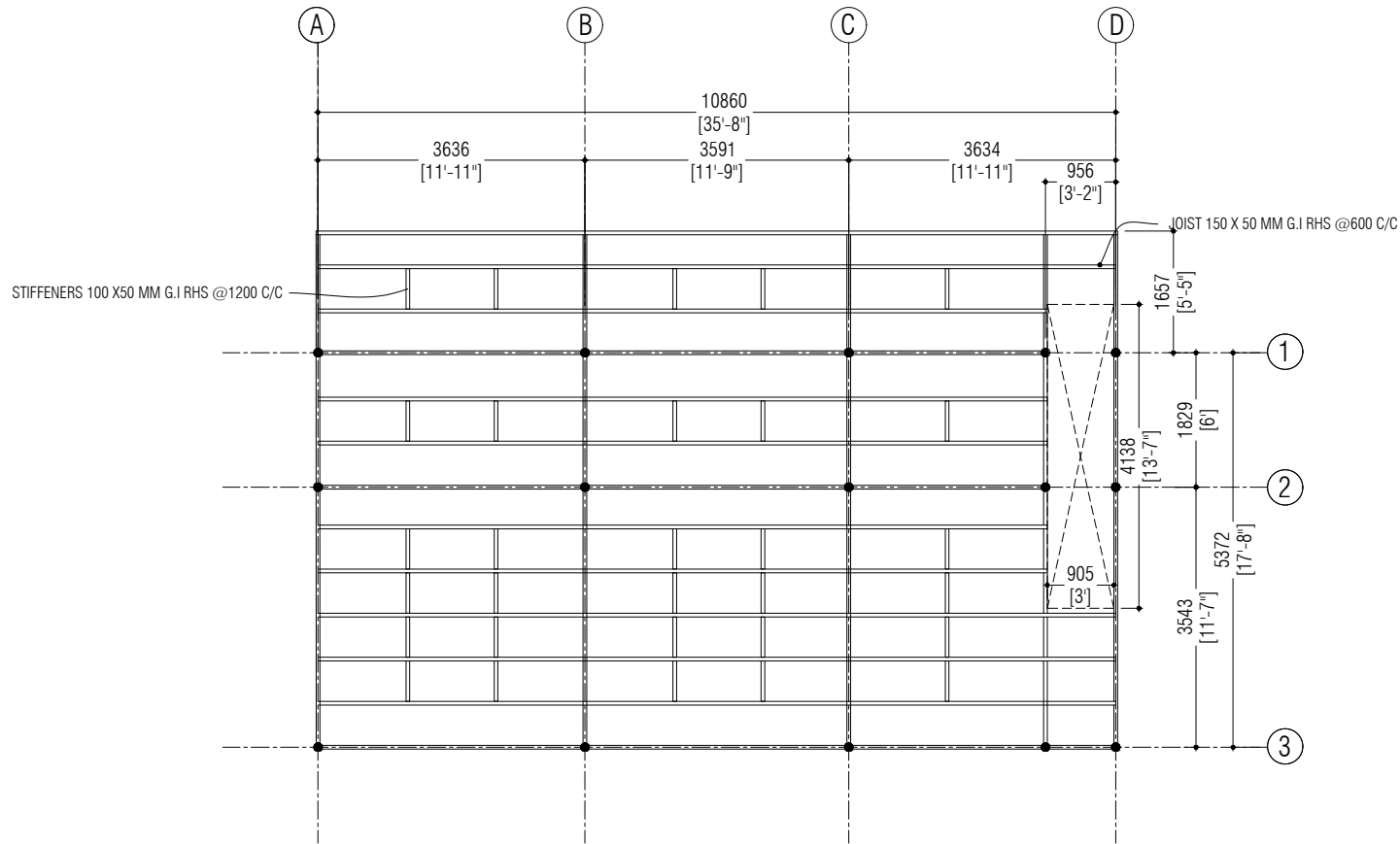
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FIRST FLOOR JOIST PLAN

SCALE 1:100



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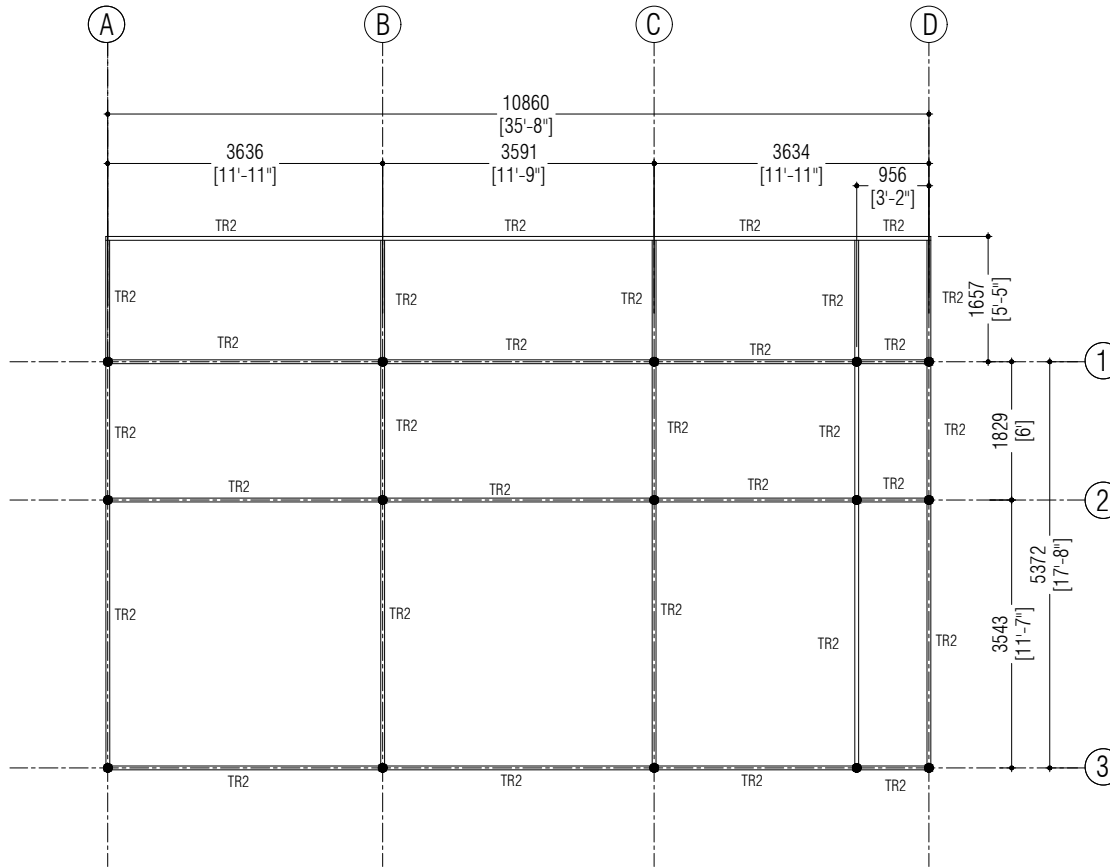
Dwg #: AR2434-S04- REV[A0]



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ROOF TRUSS PLAN

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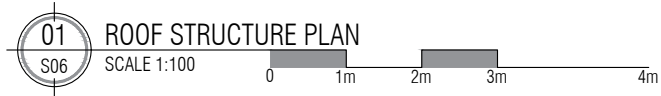
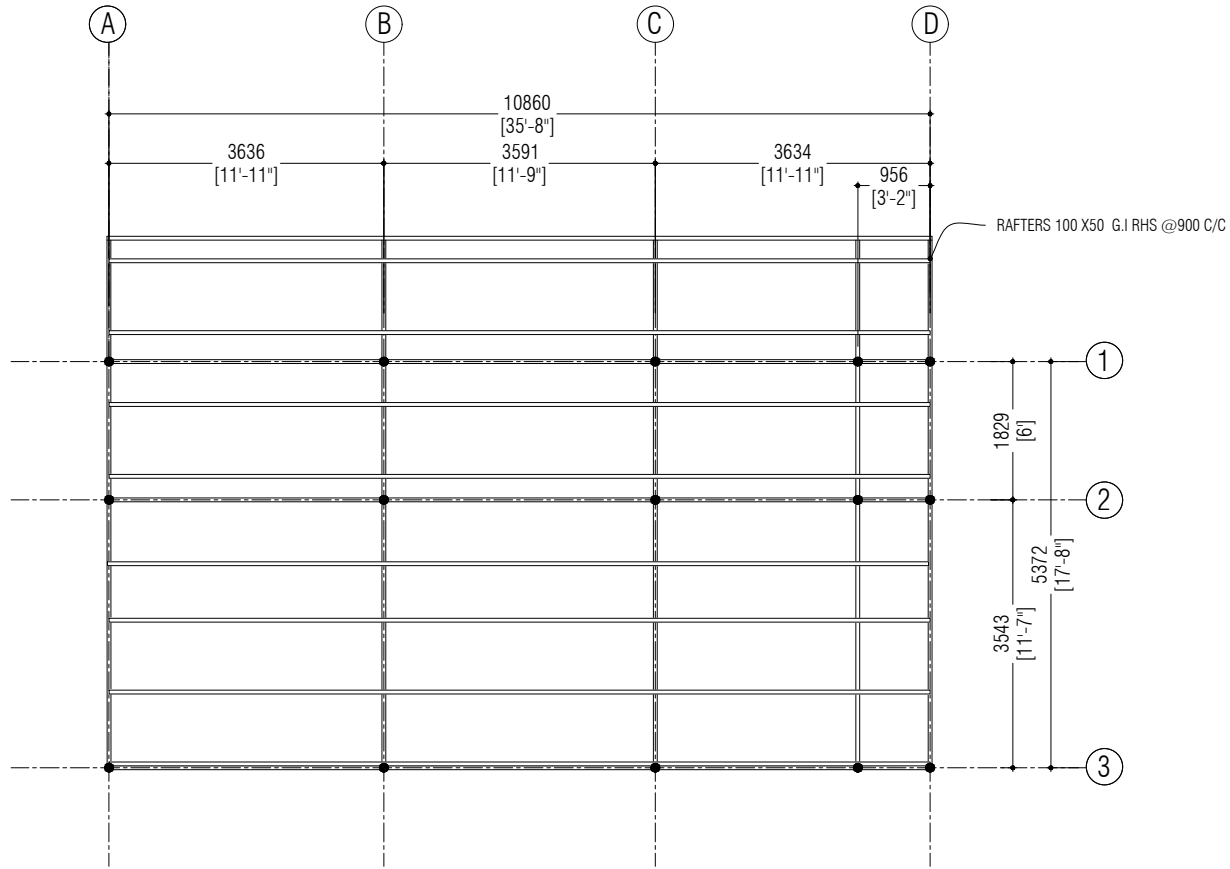
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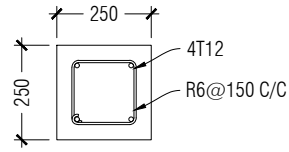
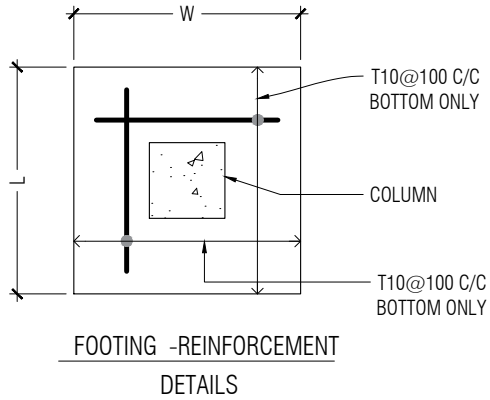
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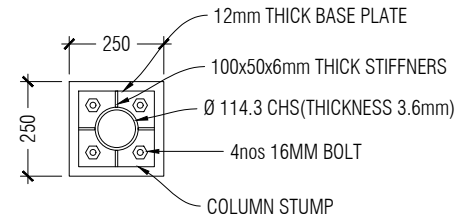
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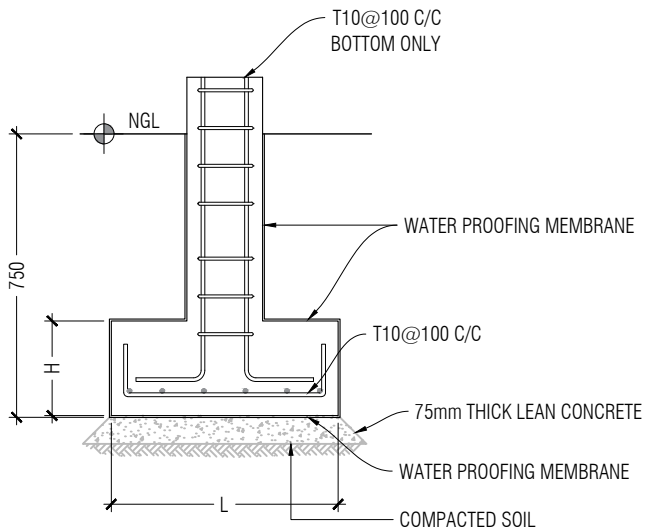
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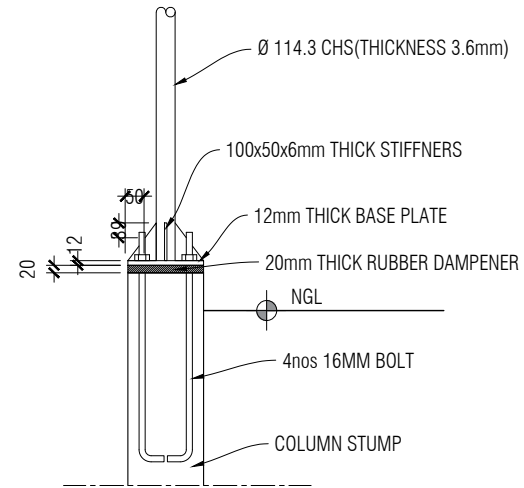
COLUMN STUMP-REINFORCEMENT
DETAILS



COLUMN -CONNECTION
DETAILS



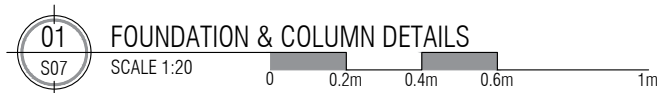
FOOTING -REINFORCEMENT
DETAILS



COLUMN STUMP -CONNECTION
DETAILS(SECTION)

NOTE :
FOOTING F1 : 650mm(L) X 650mm(B) X 300mm(H)

T10@100 C/C (B/W) BOTTOM ONLY



SM

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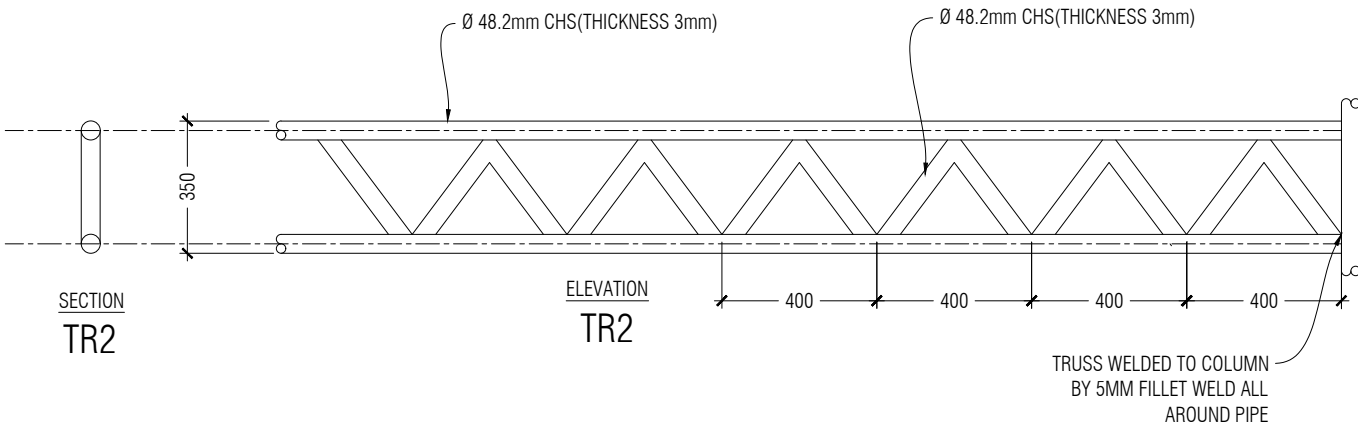
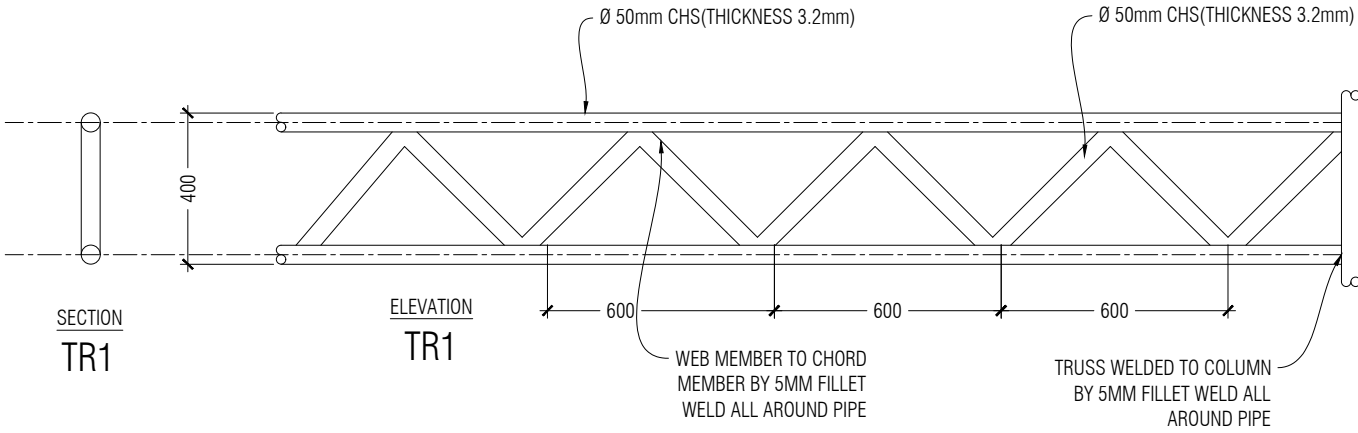
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TRUSS DETAIL

SCALE 1:20



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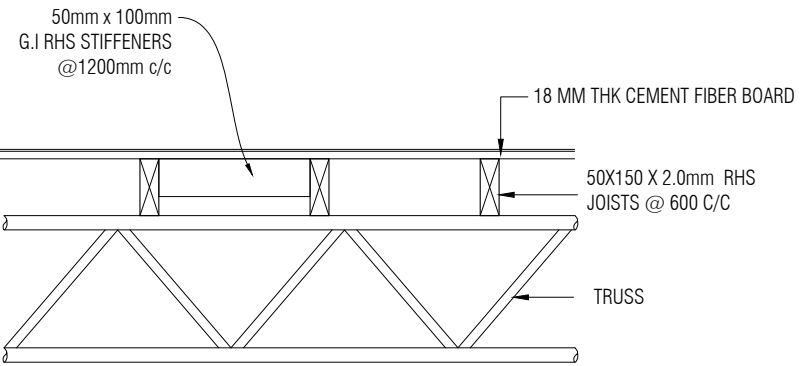
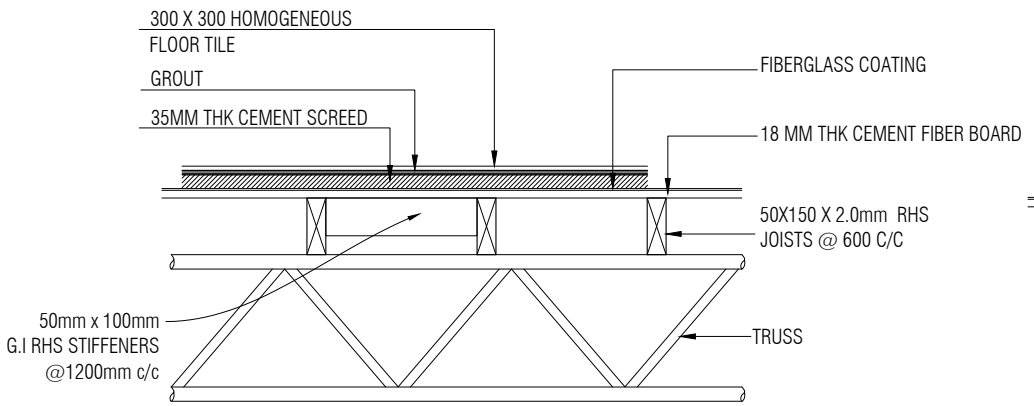
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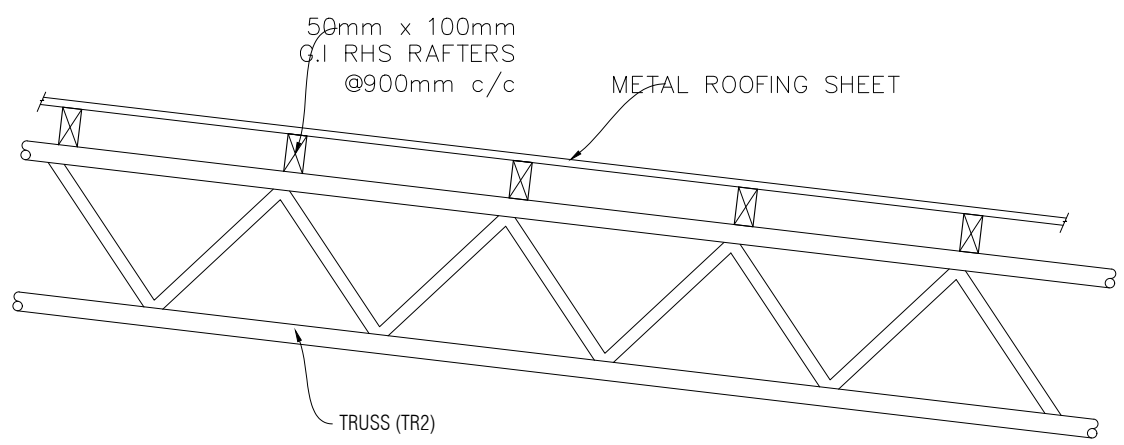
Dwg #: AR2434-S08- REV[A0]



50x100mm RHS RAFTERS @ 600mm C/C WITH 18mm THICK PLYWOOD OR FIBER CEMENT BOARD FOR DECKING
 AND 35mm CEMENT / SAND (1:6) SLAB ON TOP WITH 25mm PVC NET AS REINFORCEMENT
 APPLY BITUMEN ON TOP OF PLYWOOD OR CEMENT BOARD BEFORE ANY CEMENTIOUS WORK

03 DECKING DETAIL (TOILET)
 S09 SCALE 1:20

02 DECKING DETAIL
 S09 SCALE 1:20



01 ROOFING DETAILS
 S09 SCALE 1:20



SM Associates Architects

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NOTES:

NO.	DESCRIPTION	DATE
REV A0	ISSUED FOR APPROVAL	8-AUG-24

LOT 10292
 PROPOSED TWO STOREY BUILDING

Client:	MINISTRY OF FISHERIES AND OCEAN RESOURCES
Architect:	LAYANA
Drafting:	ZAYAN
Engineer:	MAFRAH MOOSA DIDI
Structural Checker:	KINANATH HUSSAIN
Architectural Checker:	ISHA

Drawing Title: AS SHOWN

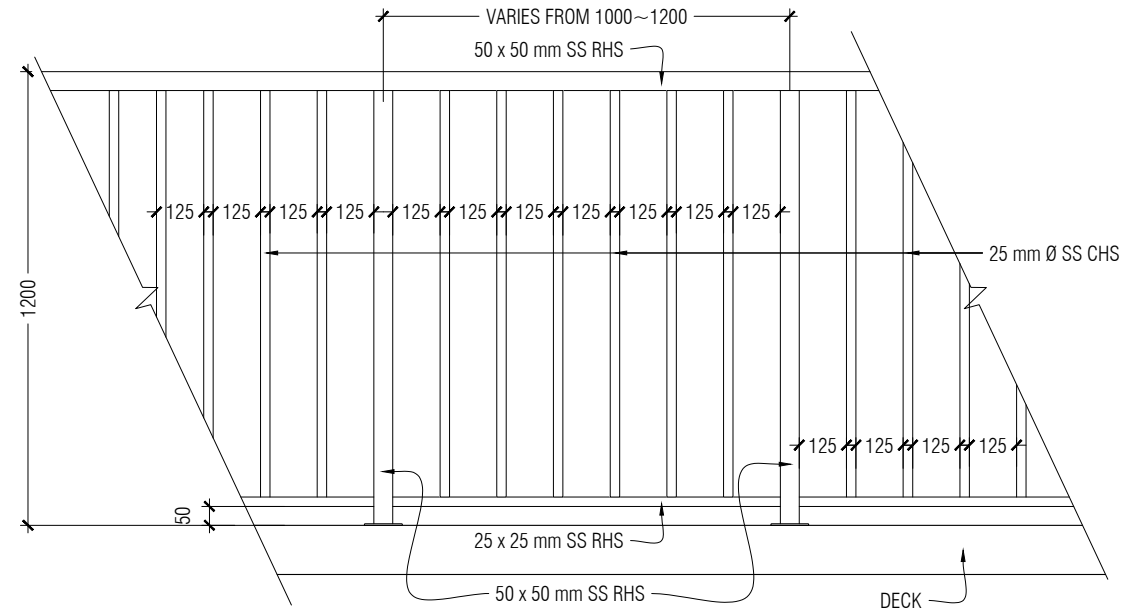
Issue: IFA Date: MAY 2024 Pages: 25
 Scale: 1:20 Paper: A4
 Dwg #: AR2434-S09- REV[A0]



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NOTES:



01
S11 SS RAILING DETAIL

SCALE 1:20



0 0.2m 0.4m 0.6m 1m

50MM THICK TIMBER PLANK FIXED TO STEEL ANGLE FRAME

50MM x 50MM x 5MM MS ANGLE WELD TO TRUSS

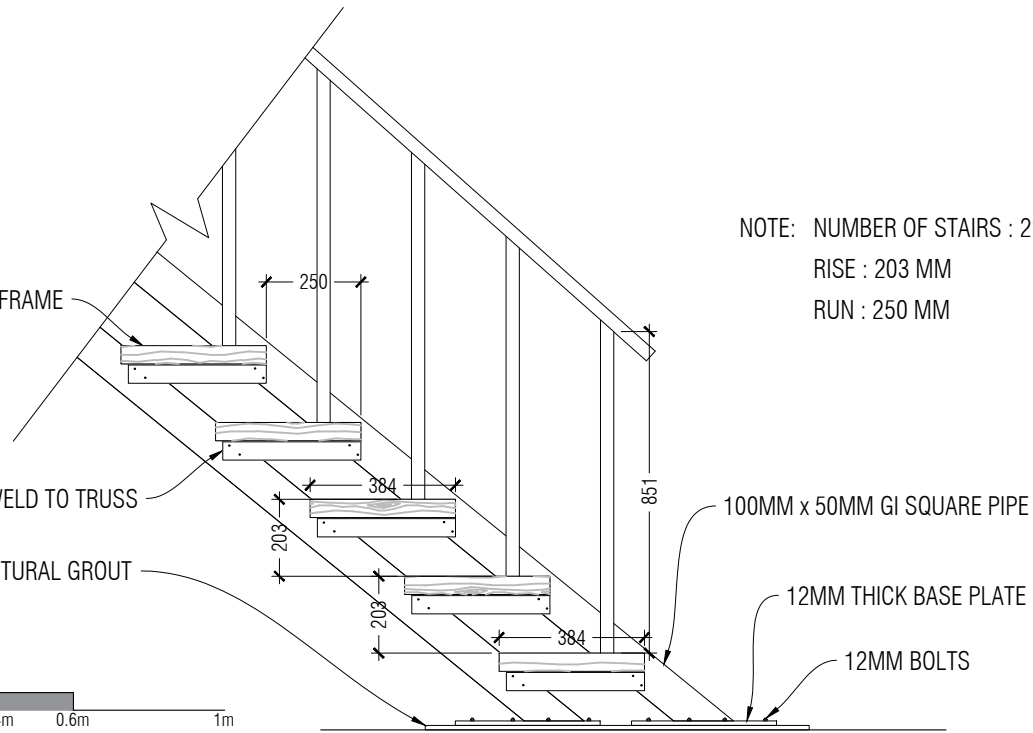
20MM STRUCTURAL GROUT

01
S10 STAIR DETAILS

SCALE 1:20



0 0.2m 0.4m 0.6m 1m



NOTE: NUMBER OF STAIRS : 21
RISE : 203 MM
RUN : 250 MM

100MM x 50MM GI SQUARE PIPE

12MM THICK BASE PLATE

12MM BOLTS

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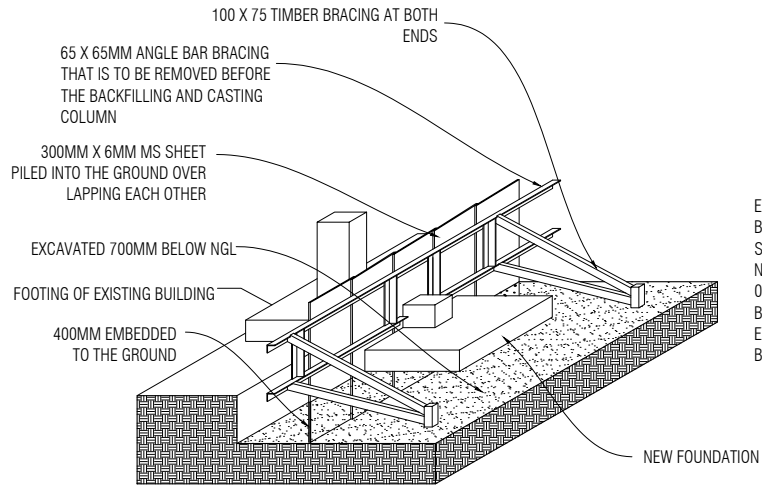
Drawing Title: AS SHOWN

Issue: IFA Date: MAY 2024 Pages: 25

Scale: 1:20 Paper: A4

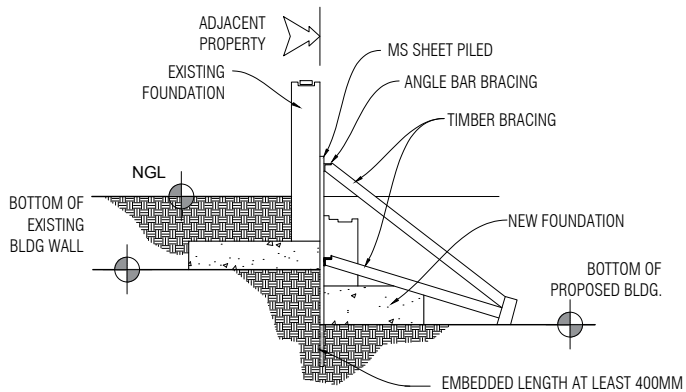
Dwg #: AR2434-S10- REV[A0]

NOTES:



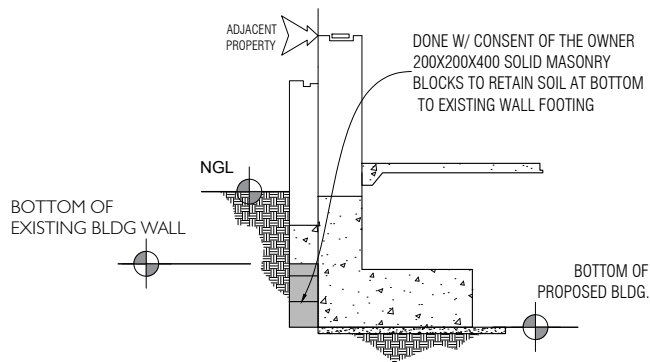
EXCAVATION ALONG THE ADJACENT BUILDING SHALL BE DONE IN PARTS SO AS TO PREVENT LOOSING OF SOIL FROM THE BOTTOM OF EXISTING FOUNDATIONS. NO PARTIAL EXCAVATION SHALL EXCEED A WIDTH OF 0.6M AT A TIME & MASONRY RETAINING WALL MUST BE COMPLETED IMMEDIATELY AFTER THE EXCAVATION. ALLOW AT LEAST 24HR INTERVALS BETWEEN EACH EXCAVATION.

PROTECTION OF EXISTING WALLS ALONG THE PERIMETER OF THE PROPOSED SITE



WHERE FOOTING COINCIDE OR FALLS ON THE SAME GRID

SCALE :NTS



DONE W/ CONSENT OF THE OWNER
200X200X400 SOLID MASONRY
BLOCKS TO RETAIN SOIL AT BOTTOM
TO EXISTING WALL FOOTING



FOUNDATION PROTECTION METHOD

SCALE NTS

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REV A0	ISSUED FOR APPROVAL	8-AUG-24

LOT 10292

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Architect: LAYANA

Drafting: ZAYAN

Engineer: MAFRAH MOOSA DIDI

Structural Checker: KINANATH HUSSAIN

Architectural Checker: ISHA

Drawing Title: AS SHOWN

Issue: IFA Date: MAY 2024 Pages: 25

Scale: 1:30 Paper: A4

Dwg #: AR2434-S11- REV[A0]

NOTES:

NO.	DESCRIPTION	DATE
REV A0	ISSUED FOR APPROVAL	8-AUG-24

LOT 10292

PROPOSED TWO STOREY BUILDING

Client: MINISTRY OF FISHERIES
AND OCEAN RESOURCES

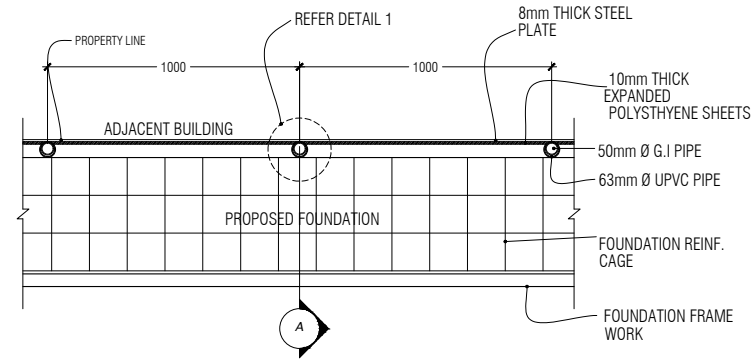
Architect: LAYANA
Drafting: ZAYAN
Engineer: MAFRAH MOOSA DIDI
Structural Checker: KINAAATH HUSSAIN
Architectural Checker: ISHA

Drawing Title: AS SHOWN

Issue: IFA Date: MAY 2024 Pages: 25

Scale: 1:30 Paper: A4

Dwg #: AR2434-S12- REV[A0]



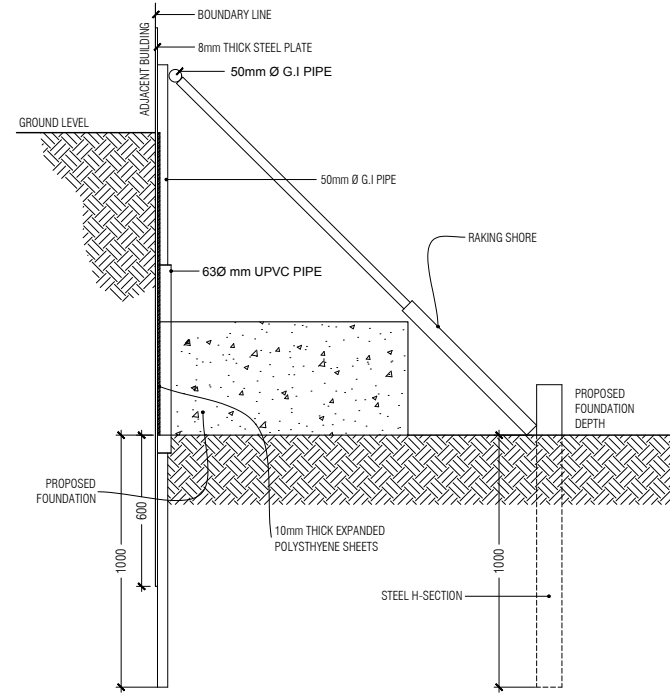
01 SHORING DETAIL PLAN VIEW
SCALE: NTS
0 0.2m 0.4m 0.6m 1m

METHOD OF PROTECTING ADJACENT STRUCTURES DURING EXCAVATION FOR FOUNDATION

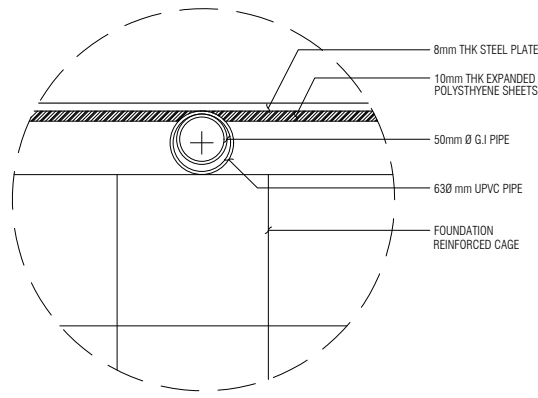
- BEFORE THE LEVEL OF EXCAVATION REACHES THE BOTTOM OF THE ADJACENT FOUNDATION, PLACE THE STEEL PLATE AGAINST THE ADJACENT PROPERTY AND DRIVE THE UPRIGHT G.I PIPES (WITH THE UPVC SLEEVES) INTO THE GROUND.
- DRIVE THE STEEL PLATES 400-500 mm INTO THE GROUND
- EXCAVATE ANOTHER 300mm DEEPER.
- DRIVE THE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

03 FOUNDATION PROTECTION METHOD
SCALE NTS
0 0.2m 0.4m 0.6m 1m



02 SECTION A-A
SCALE NTS
0 0.2m 0.4m 0.6m 1m



04 DETAIL 1
SCALE NTS
0 0.2m 0.4m 0.6m 1m