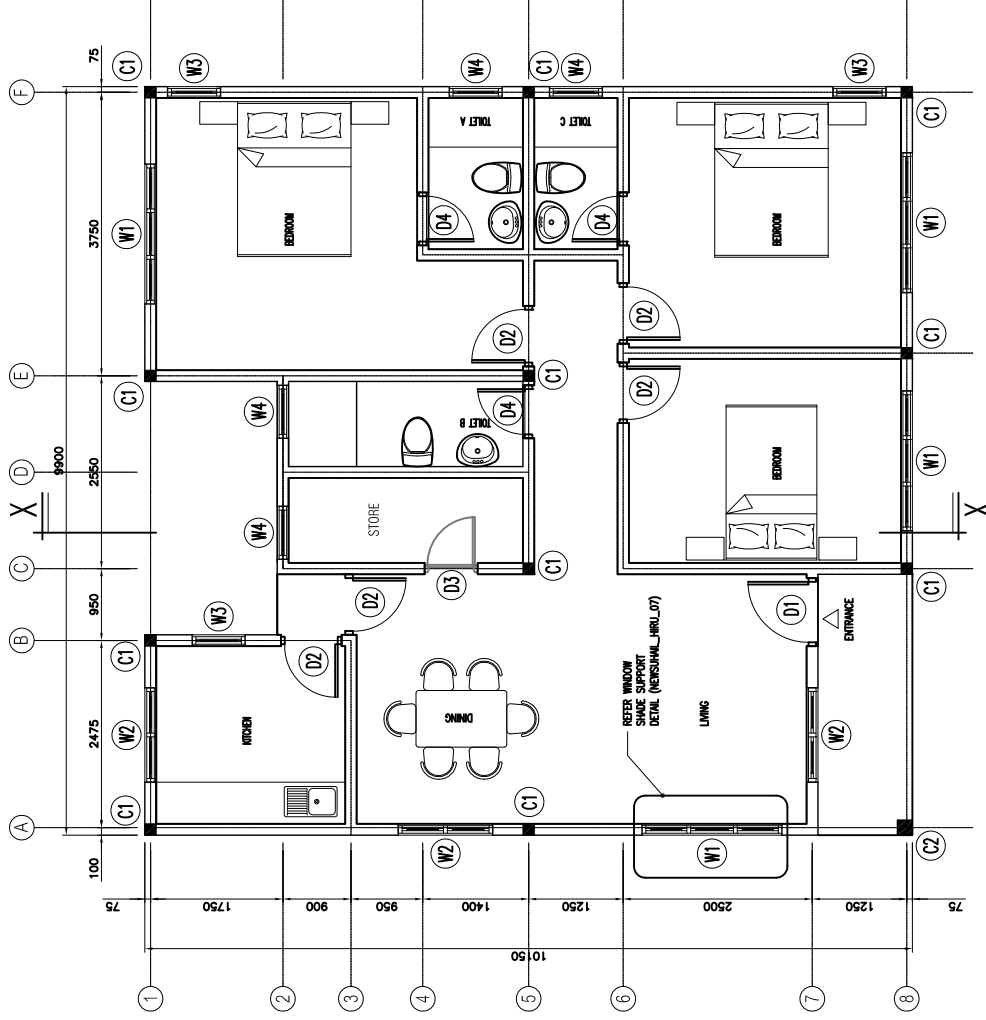


FLOOR AREA
1:100

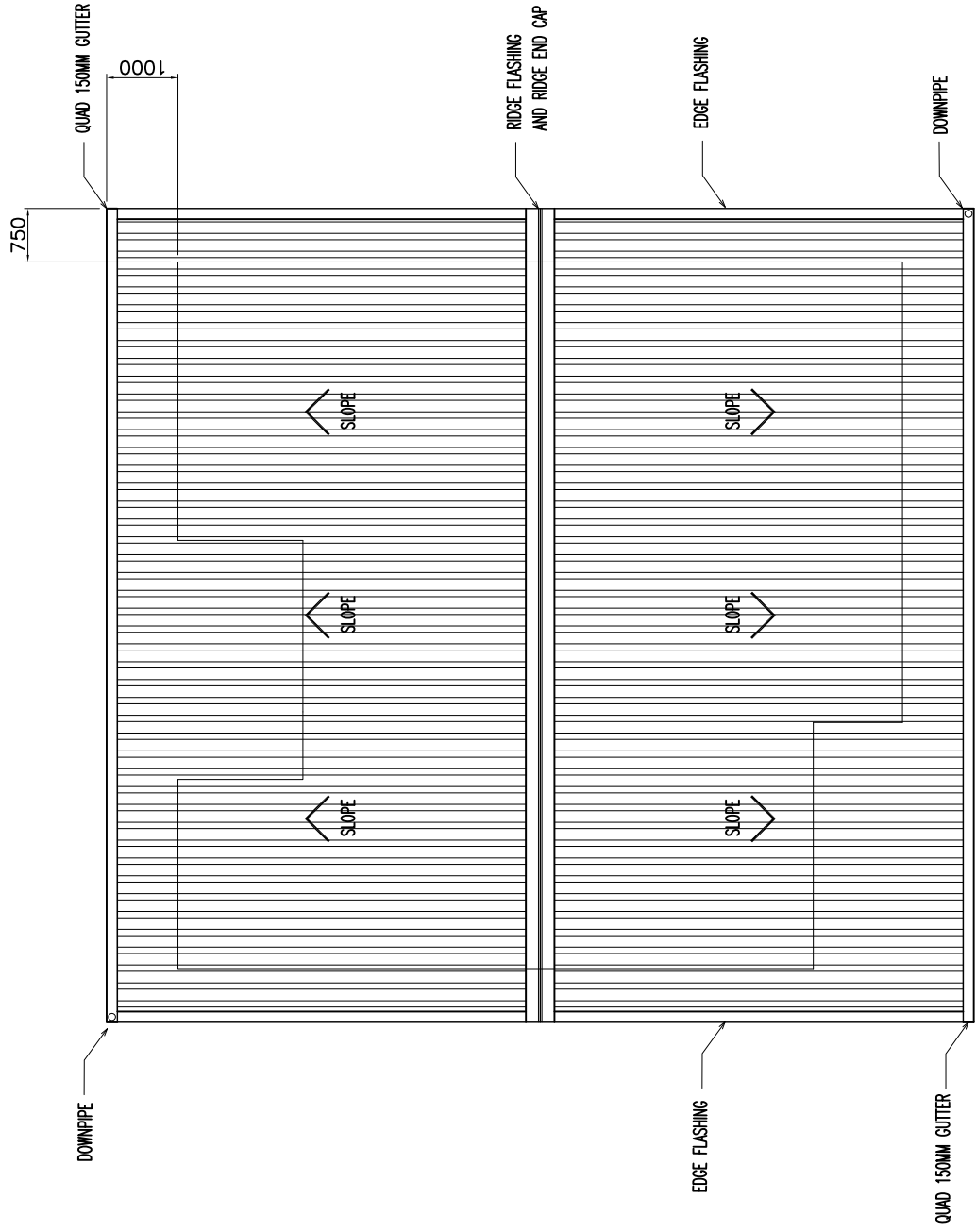
PROJECT:		SINGLE STOREY HOUSING UNITS LAAMU FONADHOO	
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		PAGE:	



NOTE :
FURNITURE NOT INCLUDED WITH HOUSE
CASE AT VERANDAH TO BE LINED WITH
10MM IRON ASBESTOS FIRE CEMENT
BOARD

FLOOR PLAN 1:100

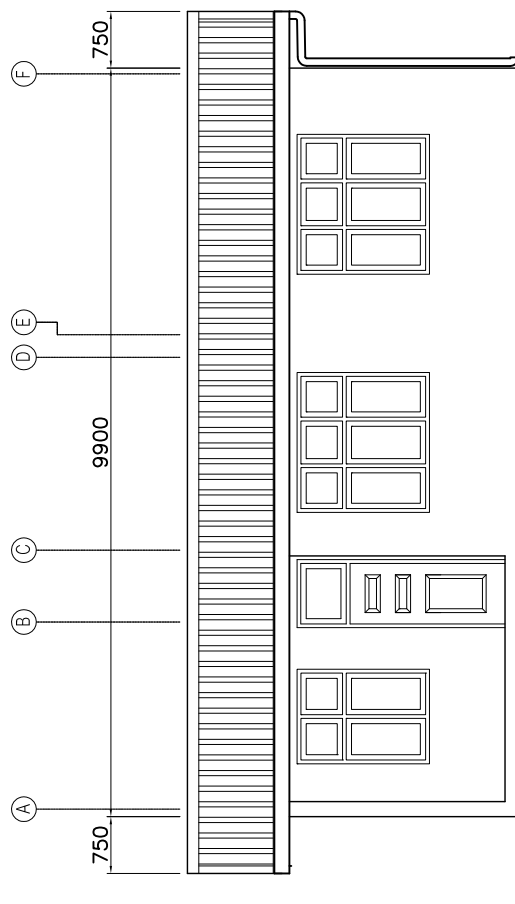
PROJECT: SINGLE STOREY HOUSING UNITS LAAMU FONADHOO		
DATE: 01-03-2014	SCALE: 1:100	PAGE:



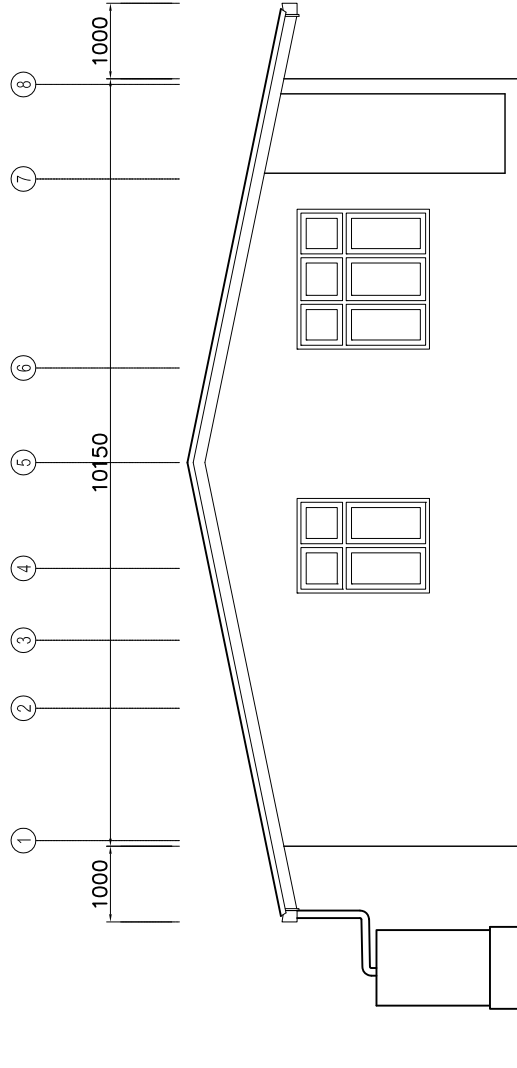
ROOF PLAN

1:100

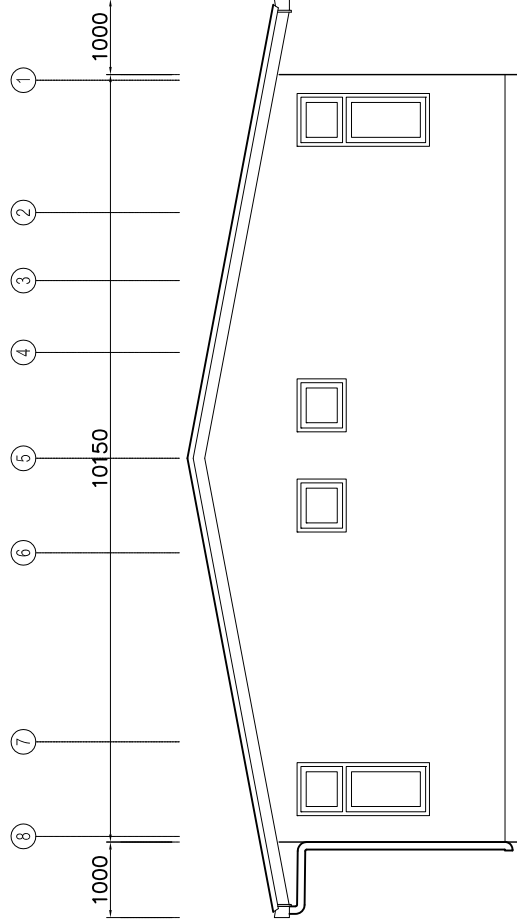
NOTE :
ALL ROOFING SHEETS, FLASHING, RIDGE CAPS
AND GUTTERING TO MATCH MSP SEADEK



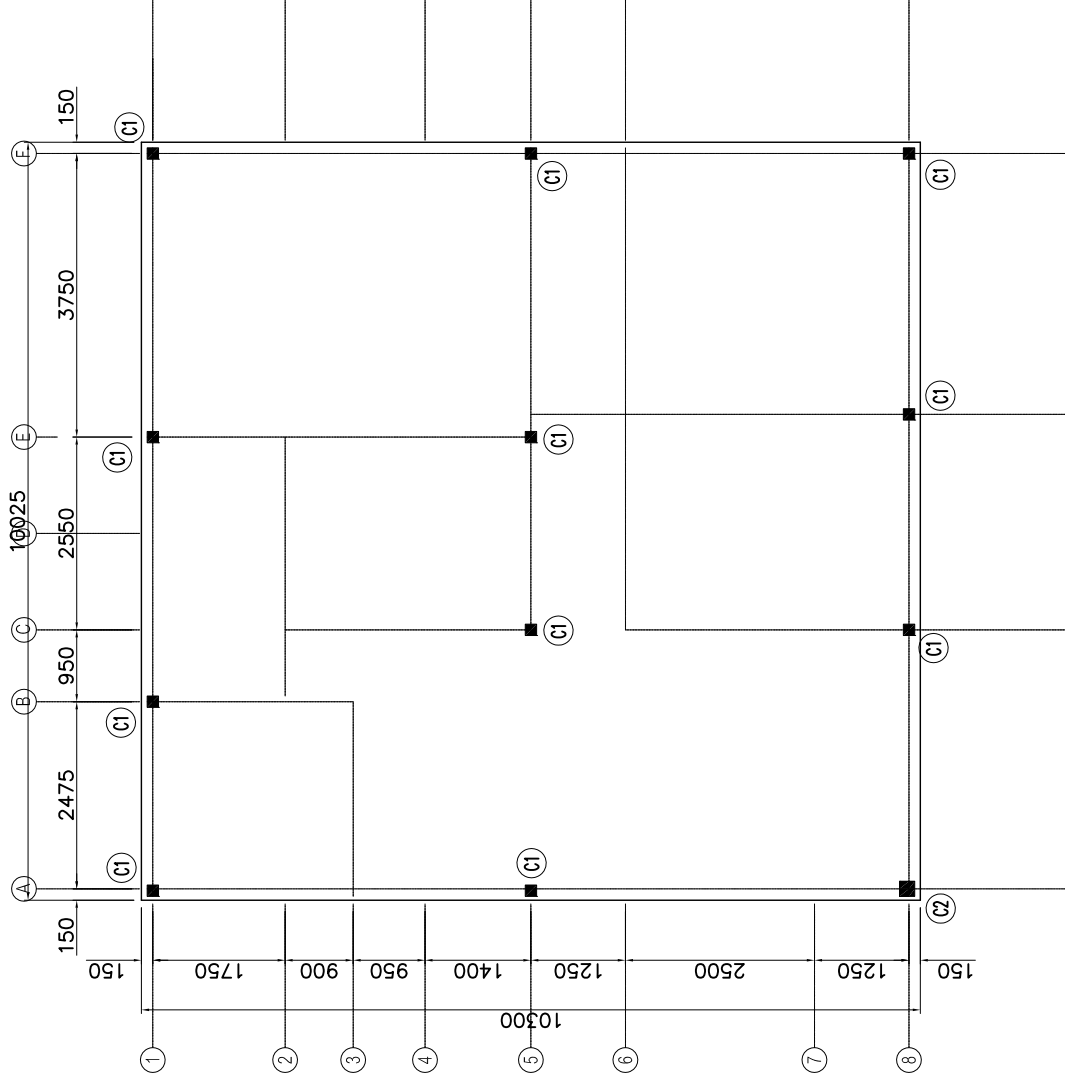
FRONT ELEVATION
1:100



SIDE ELEVATION A
1:100

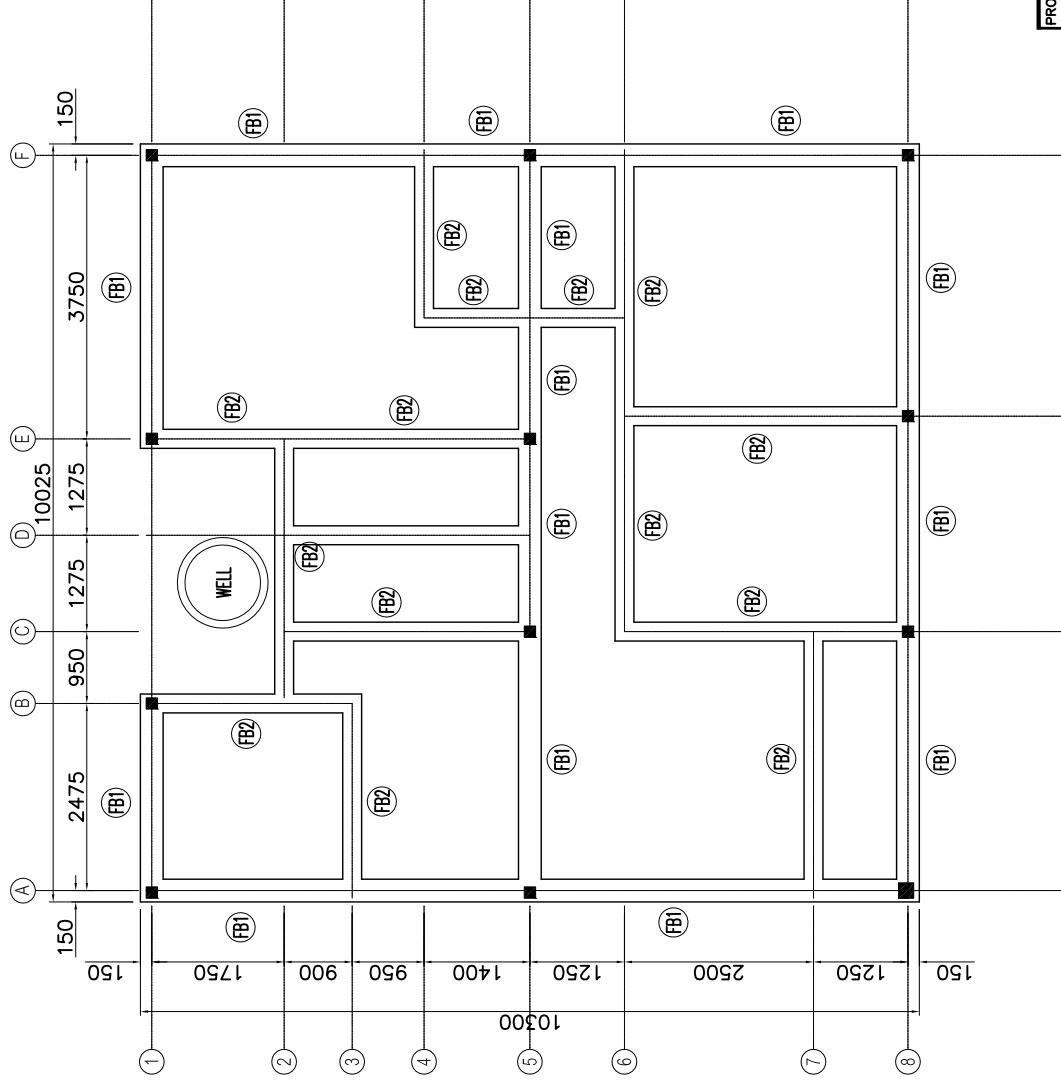


SIDE ELEVATION B
1:100



COLUMN LAYOUT PLAN
1:100

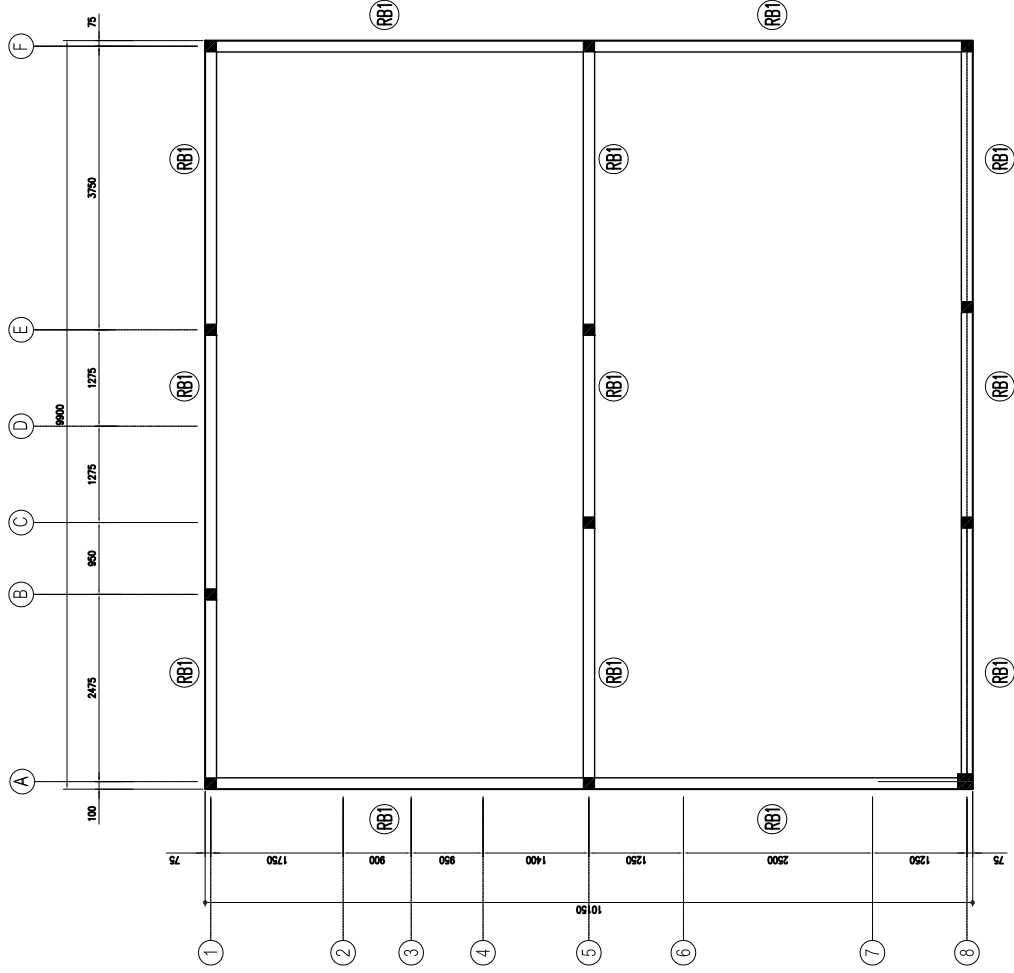
PROJECT:		SINGLE STOREY HOUSING UNITS LAAMU FONADHOO	
DATE:	01-03-2012	SCALE:	1:100
		PAGE:	



FOUNDATION PLAN

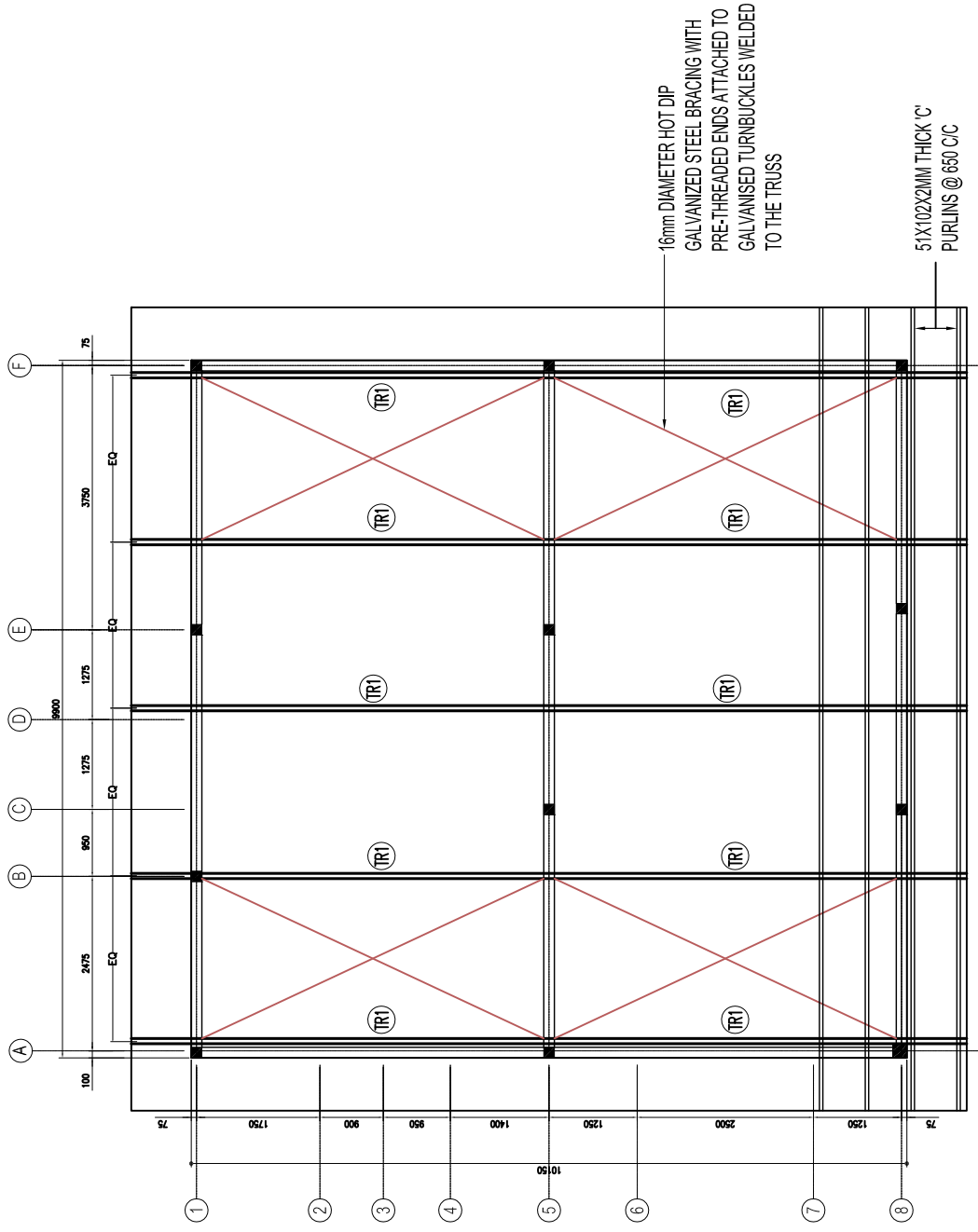
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ROOF BEAM PLAN
1:100

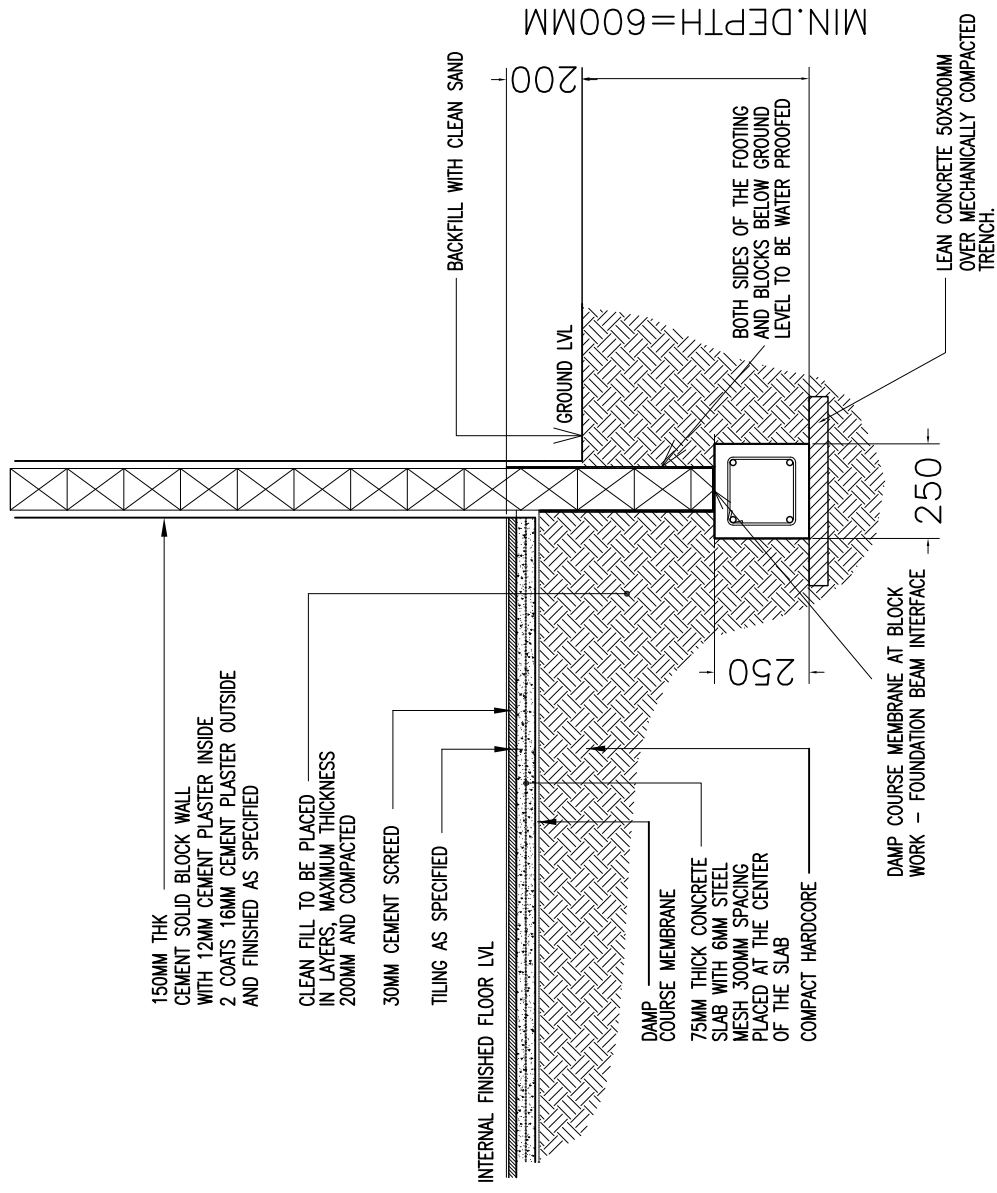
PROJECT: SINGLE STOREY HOUSING UNITS LAAMU FONADHOO		
DATE: 01-03-2012	SCALE: 1:100	
	PAGE: 	



ROOF STRUCTURE PLAN

1:100

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DETAIL SECTION 'C' AT FLOOR LEVEL

1:20

PROJECT:

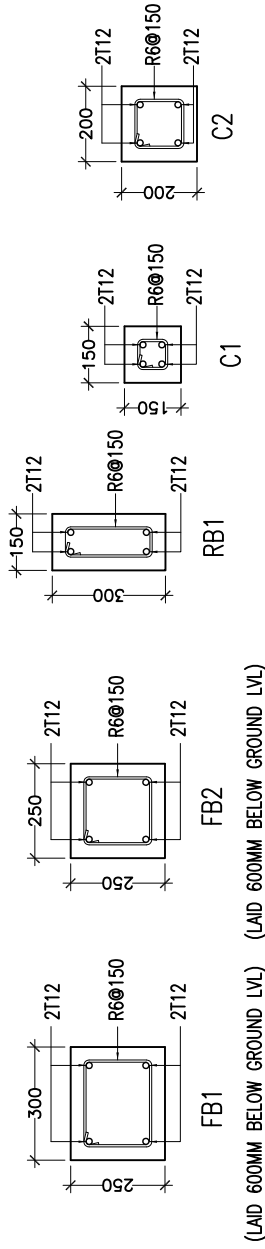
SINGLE STOREY HOUSING
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01-03-2012

SCALE: 1:20

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(LAID 600MM BELOW GROUND LVL) (LAID 600MM BELOW GROUND LVL)

REINFORCED CONCRETE BEAM AND COLUMN SECTIONS

1:20

GENERAL NOTES:

LAPS = 45XDIAMETER
MIX RATIO = 1:2:3 (CEMENT : SAND : AGGREGATE)
T = HIGH YIELD STEEL $f_y > 415 \text{ MPa}$
R = MILD STEEL $f_y > 250 \text{ MPa}$

SPECIFICATION FOR CONCRETE WORKS:

MINIMUM COMPRESSIVE STRENGTH FOR CONCRETE SHOULD BE 25 N/mm^2
USE RIVER SAND AND GRANITE FOR AGGREGATES.
MAIN REINFORCEMENT STEEL TO BE HIGH STRENGTH DEFORMED BARS FOR CONCRETING
USE WATER FREE OF SALT AND ANY OTHER IMPURITIES.
MINIMUM REINFORCEMENT CLEAR COVERS:

FOUNDATION BEAMS: 50MM
ROOF BEAMS : 35MM
COLUMNS : 35MM

PROJECT:

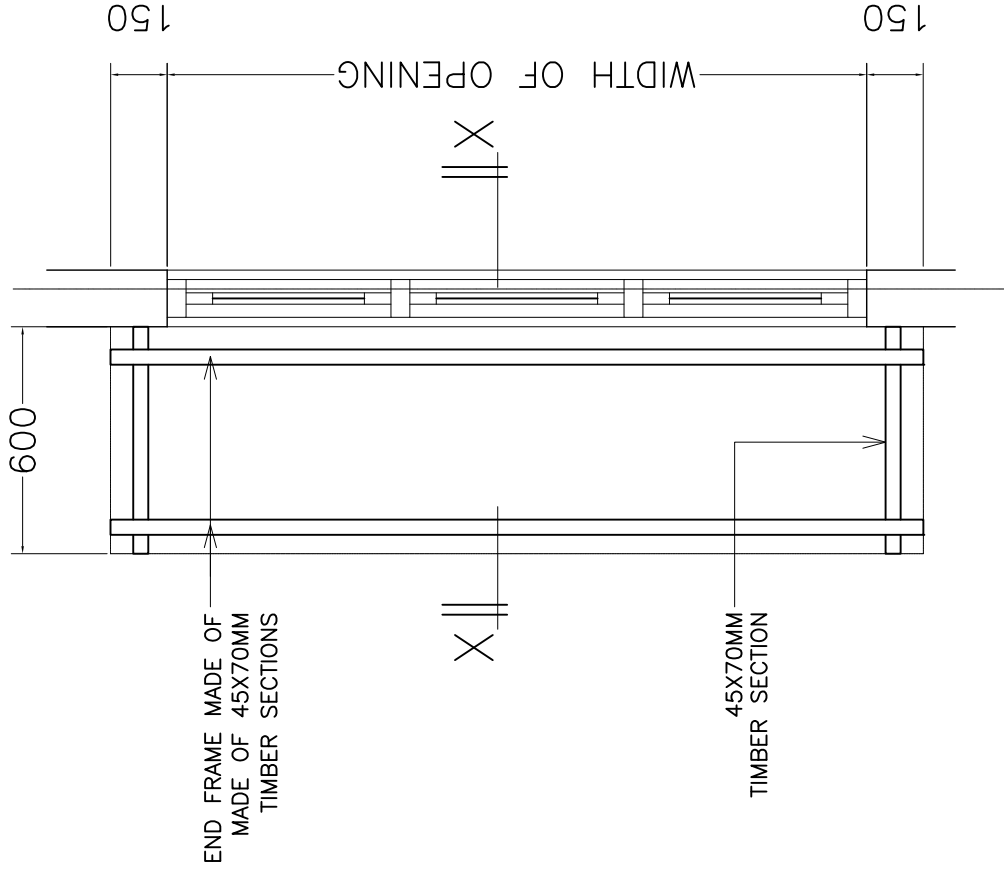
SINGLE STOREY HOUSING
UNITS LAAMU FONADHOO

DATE:

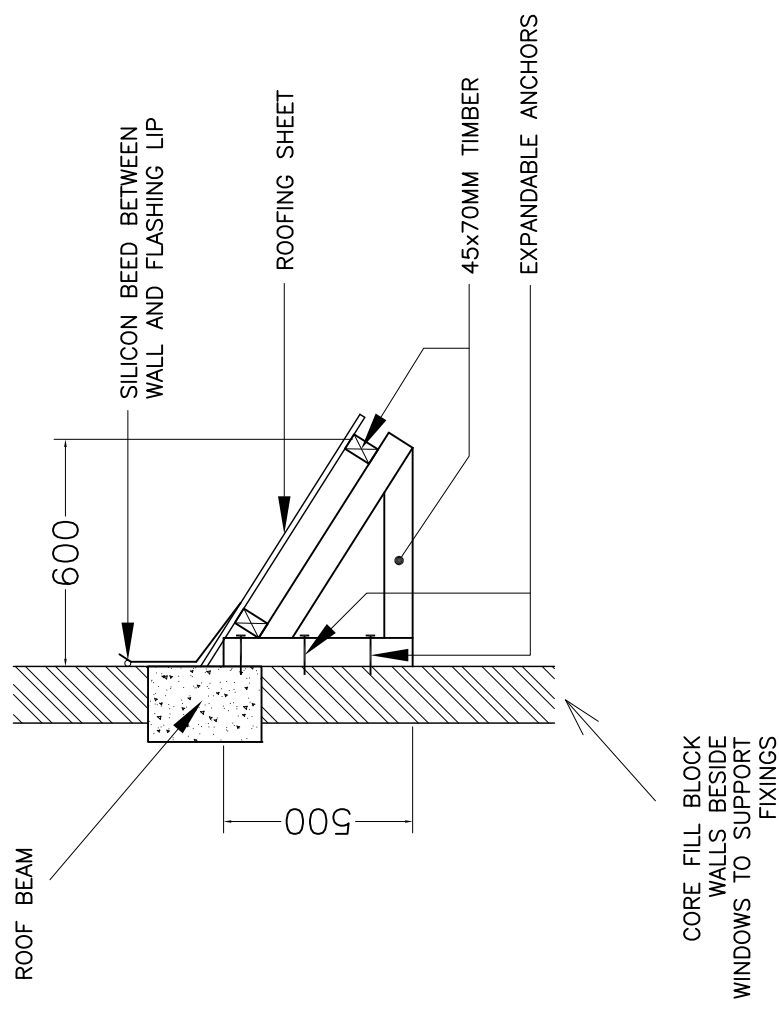
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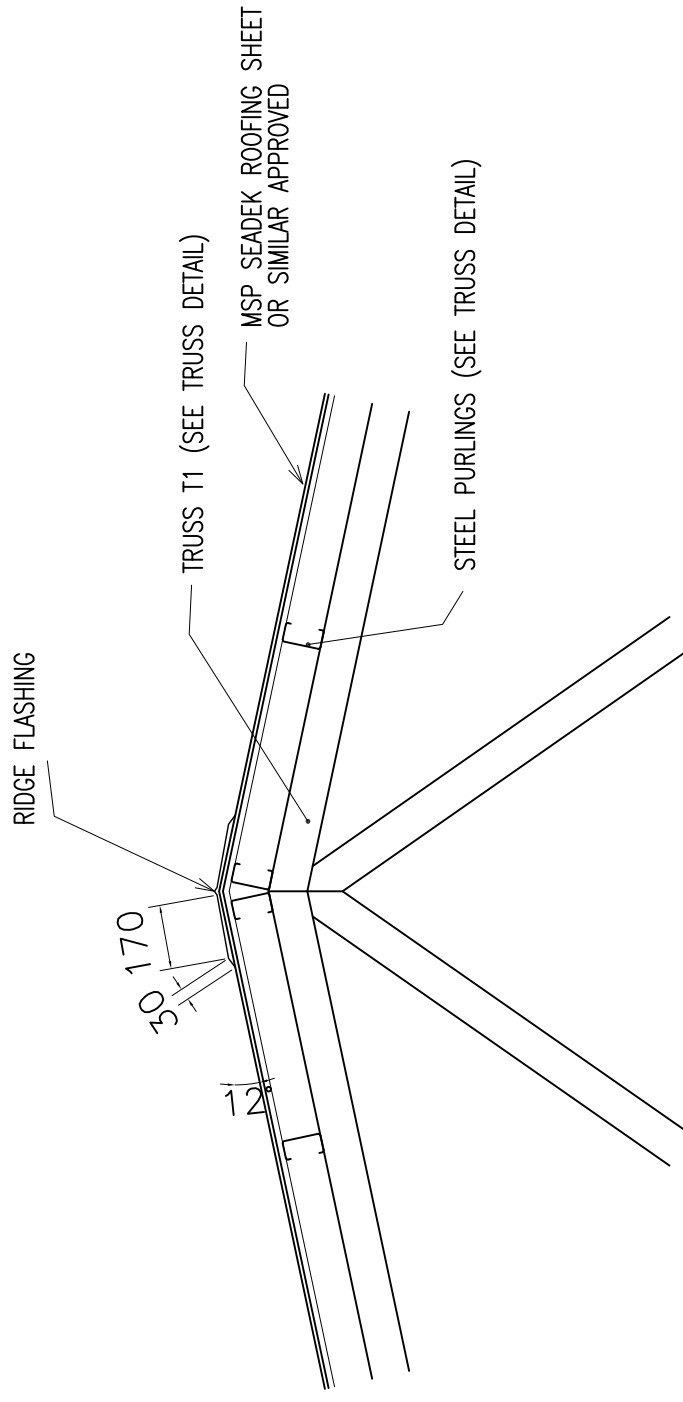
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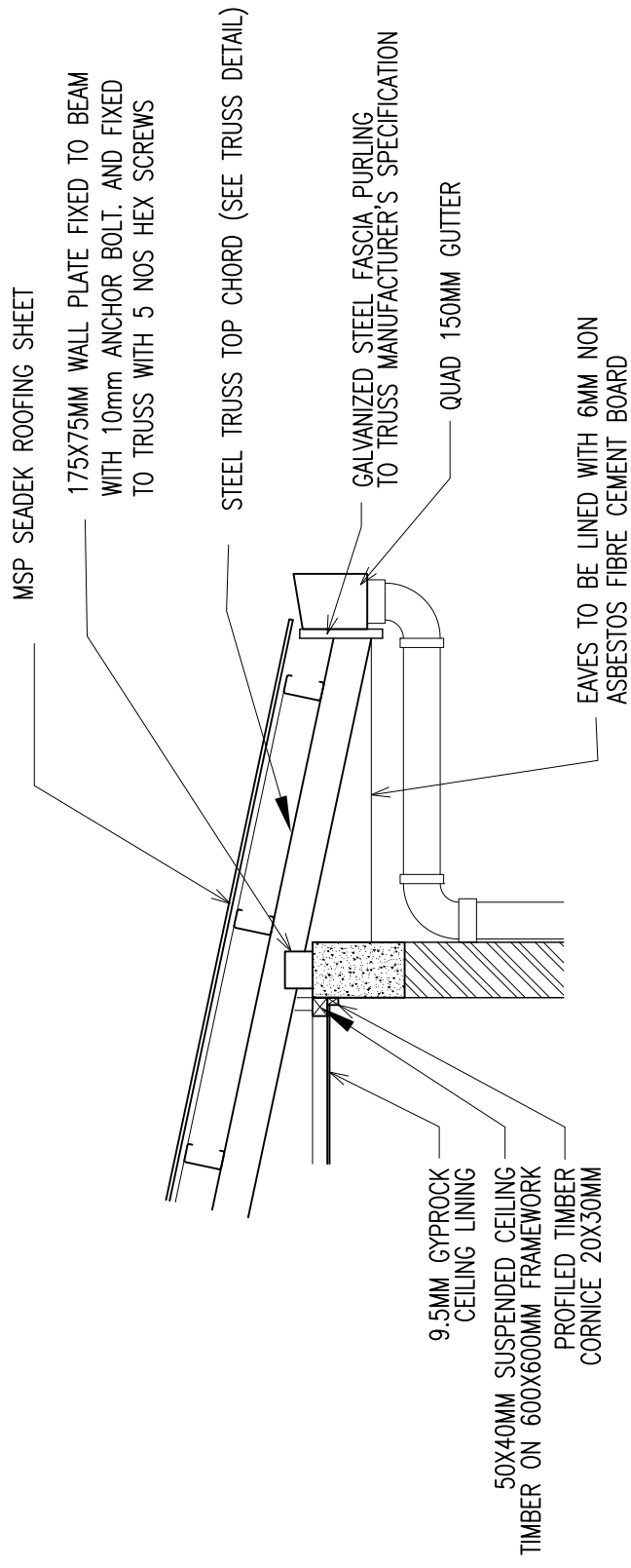
WINDOW SHADE PLAN



WINDOW SHADE SECTION
X-X

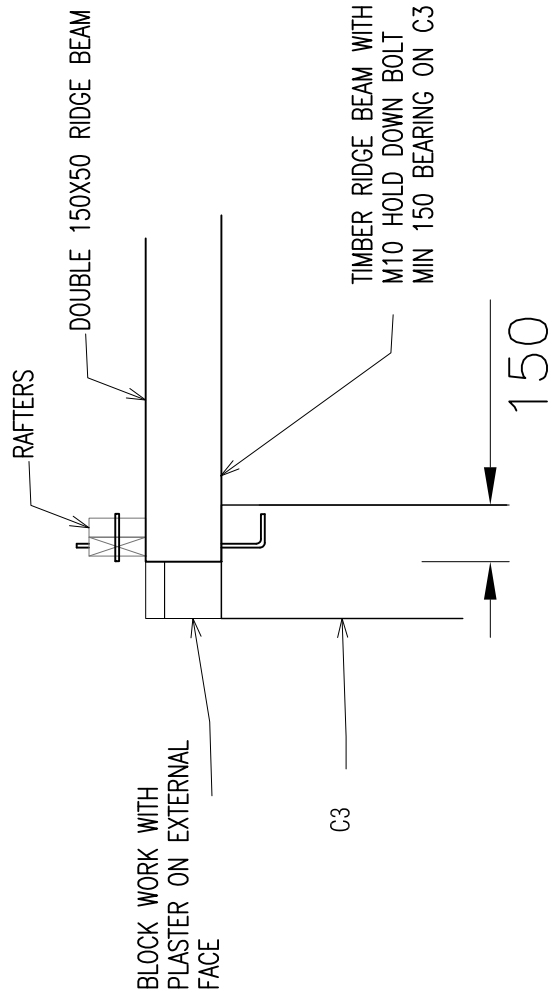


ROOF RIDGE DETAIL 'B'
NTS

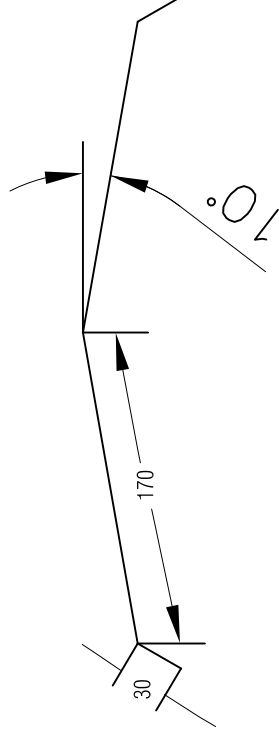


ROOF RAFTER EAVES DETAIL 'A'

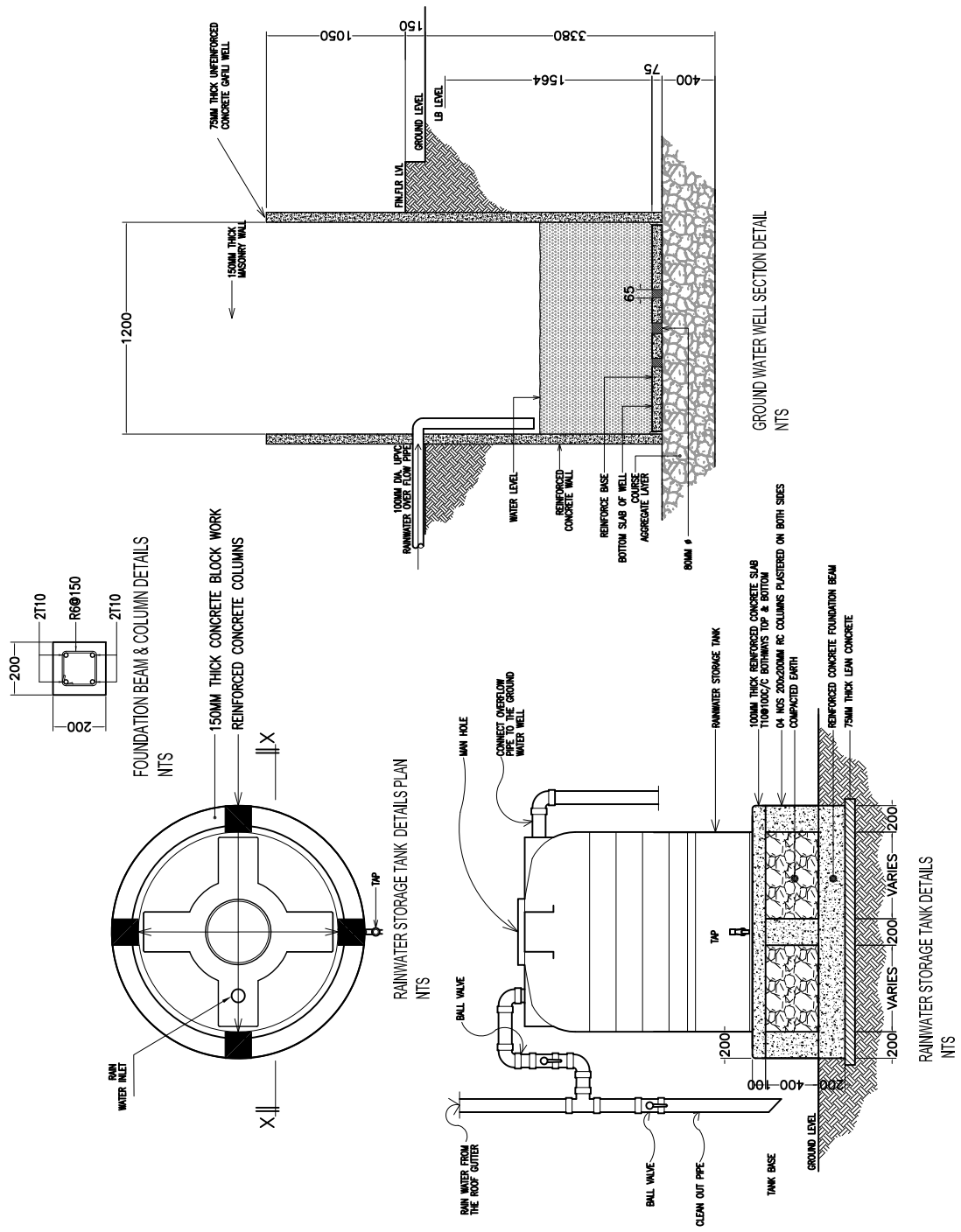
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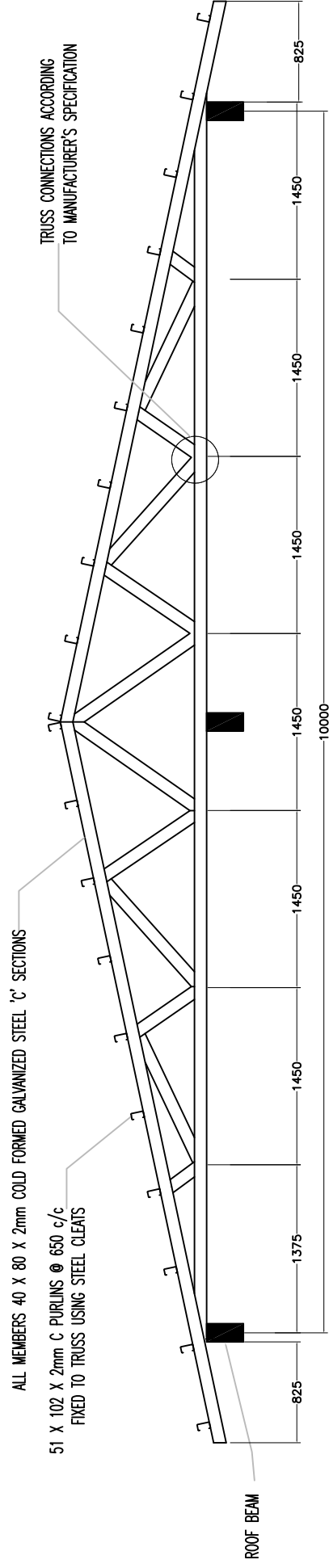


PORTCH RIDGE BEAM DETAIL
NTS

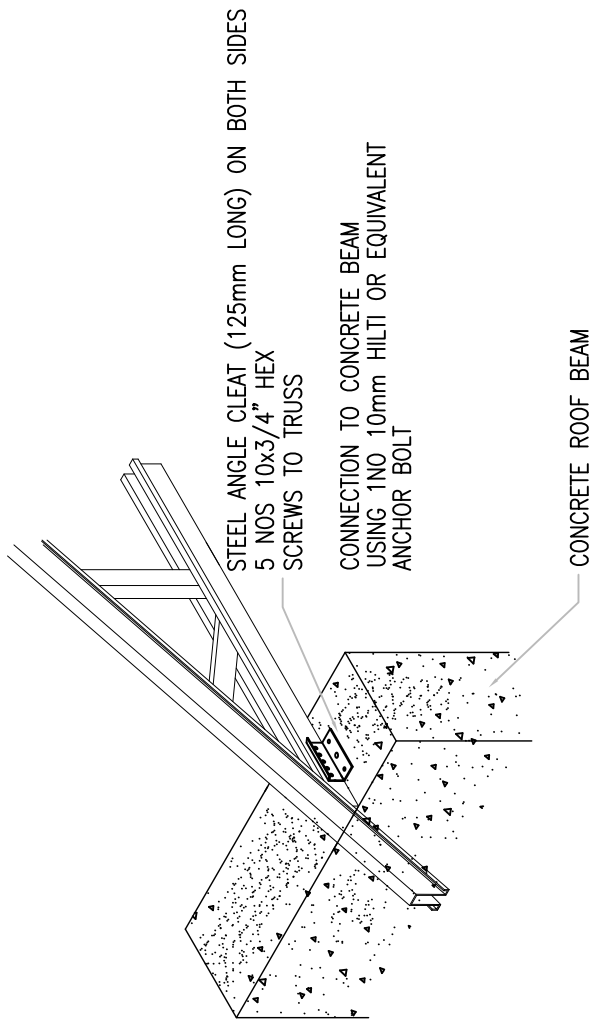


TYPICAL RIDGE CAP DETAIL
NTS





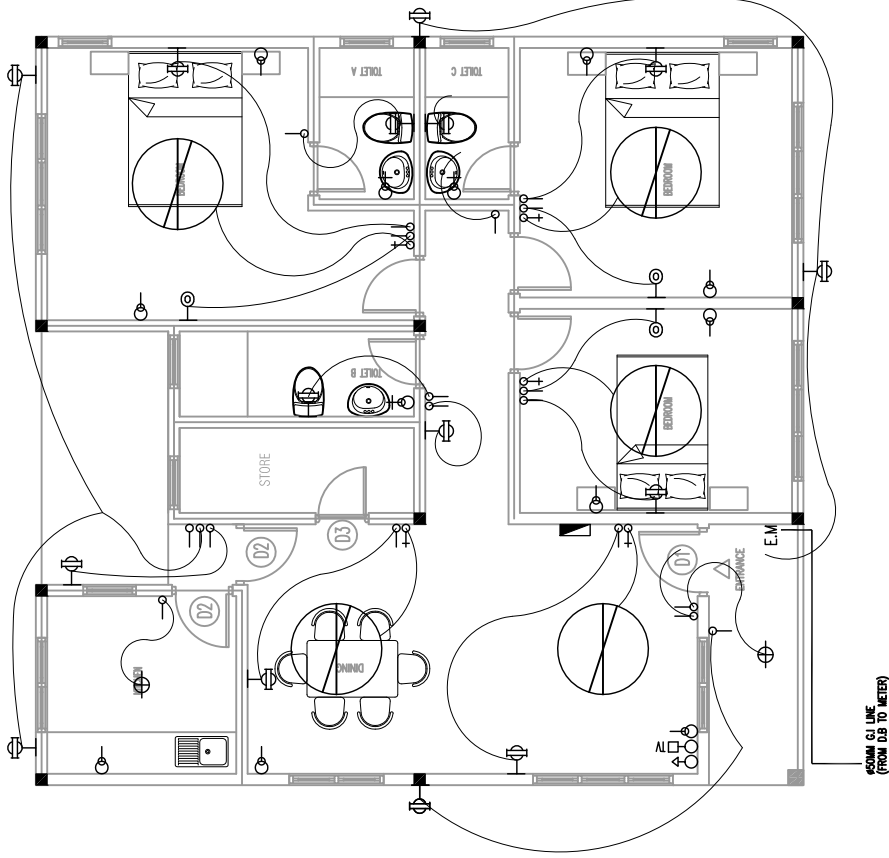
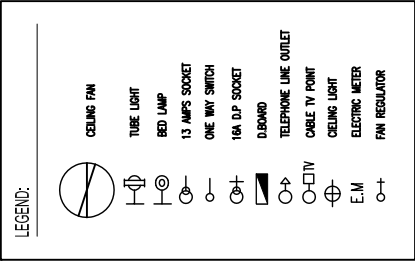
TRUSS TR1 DETAIL
1:50



TRUSS TO BEAM CONNECTION DETAIL

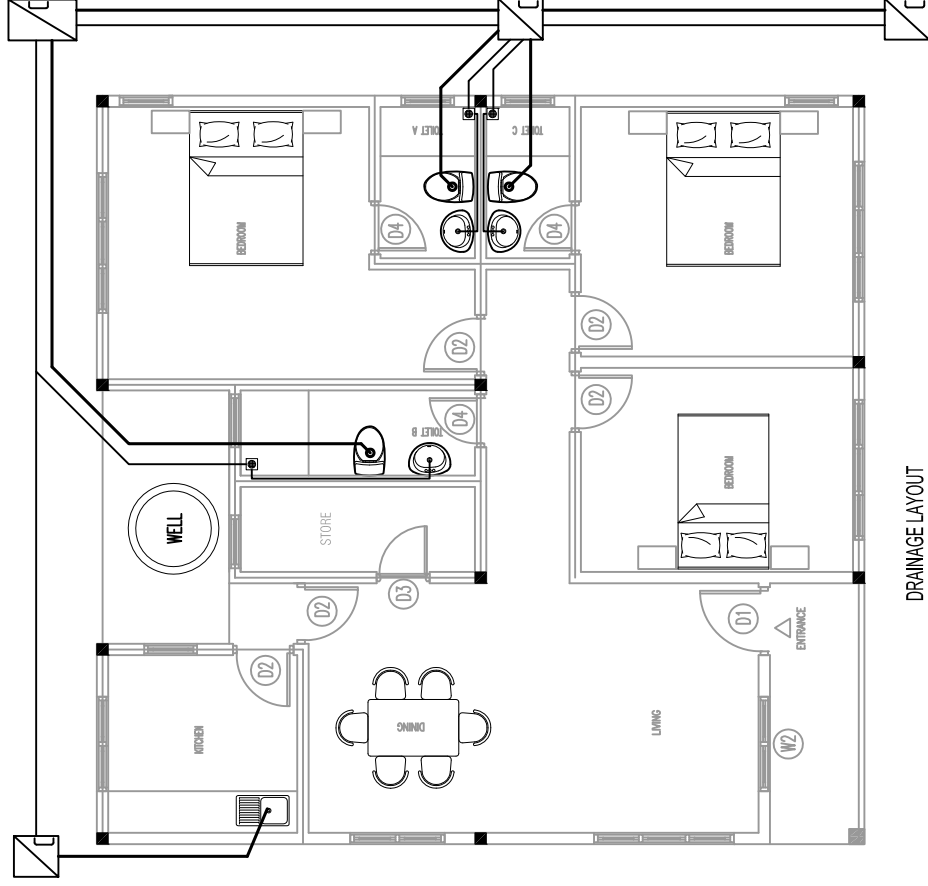
1:20

ADDITIONAL NOTE:
1. SWITCH HEIGHT 1200MM FROM FLOOR LEVEL.
2. SOCKET HEIGHT 300MM FROM FLOOR LEVEL.
3. KITCHEN SOCKET HEIGHT 1250MM FROM FLOOR LEVEL.
4. LIGHT POINT HEIGHT 2700MM FROM FLOOR LEVEL.
5. LIGHT POINT WIRING CONDUIT SIZE NOT LESS THAN 19MM
6. ALL CONDUIT SHALL BE LAID ABOVE REINFORCEMENT ONLY
7. ALL JUNCTION BOX/PULL BOX SHOULD BE IN EDGE
8. CONDUIT SHOWN IN CONVENTIONAL WAY. CONTRACTOR HAS
TO LAY THE CONDUITS TO SUIT THE SITE LOCATION.
9. EXTERNAL POWER OUTLET SHALL BE PROVIDED
SEPARATELY AND SHALL NOT BE CONNECTED WITH ANY POWER OUTLET
10. 1FT TUBE LIGHTS IN BATH ROOMS.
11. 2FT TUBE LIGHTS IN ALL OTHER EXTERNAL AREAS.
12. ALL EXTERNAL LIGHTS TO BE WEATHER PROOF.



GROUND FLOOR ELECTRICAL LAYOUT
1:100

PROJECT: SINGLE STOREY HOUSING UNITS LAAMU FONADHOO		
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DRAINAGE LAYOUT
 PLAN 1:100

NOTE:

WHERE POSSIBLE THE SEPTIC TANK IS TO
 BE LOCATED AWAY FROM THE WALL
 OF THE HOUSE AND WITHIN THE
 BOUNDARIES OF THE PLOT. IF THIS IS NOT
 POSSIBLE DUE TO SPACE LIMITATION OR
 OTHER REASONS IT IS TO BE CONTACTED
 FOR ASSISTANCE AND GUIDANCE. IN
 CIRCUMSTANCES ARE THE FOUNDATION OF
 THE HOUSE TO BE UNDERMINED BY THE
 SEPTIC TANK EXCAVATION.

LEGEND:

	LARGE INSPECTION CHAMBER
	SMALL INSPECTION CHAMBER
	SOIL PIPE
	WASTE PIPE
	FLOOR DRAIN
	CLEANING EYE
	RAIN WATER SUPPLY
	GROUND WATER SUPPLY
	MOTOR PUMP
	GATE VALVE

PROJECT:		
SINGLE STOREY HOUSING UNITS LAAMU FONADHOO		
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Diagram illustrating the layout of a kitchen and bathroom area, showing the placement of fixtures and the connection of pipes.

Legend:

- Sink
- Toilet
- Bathtub


Notes:

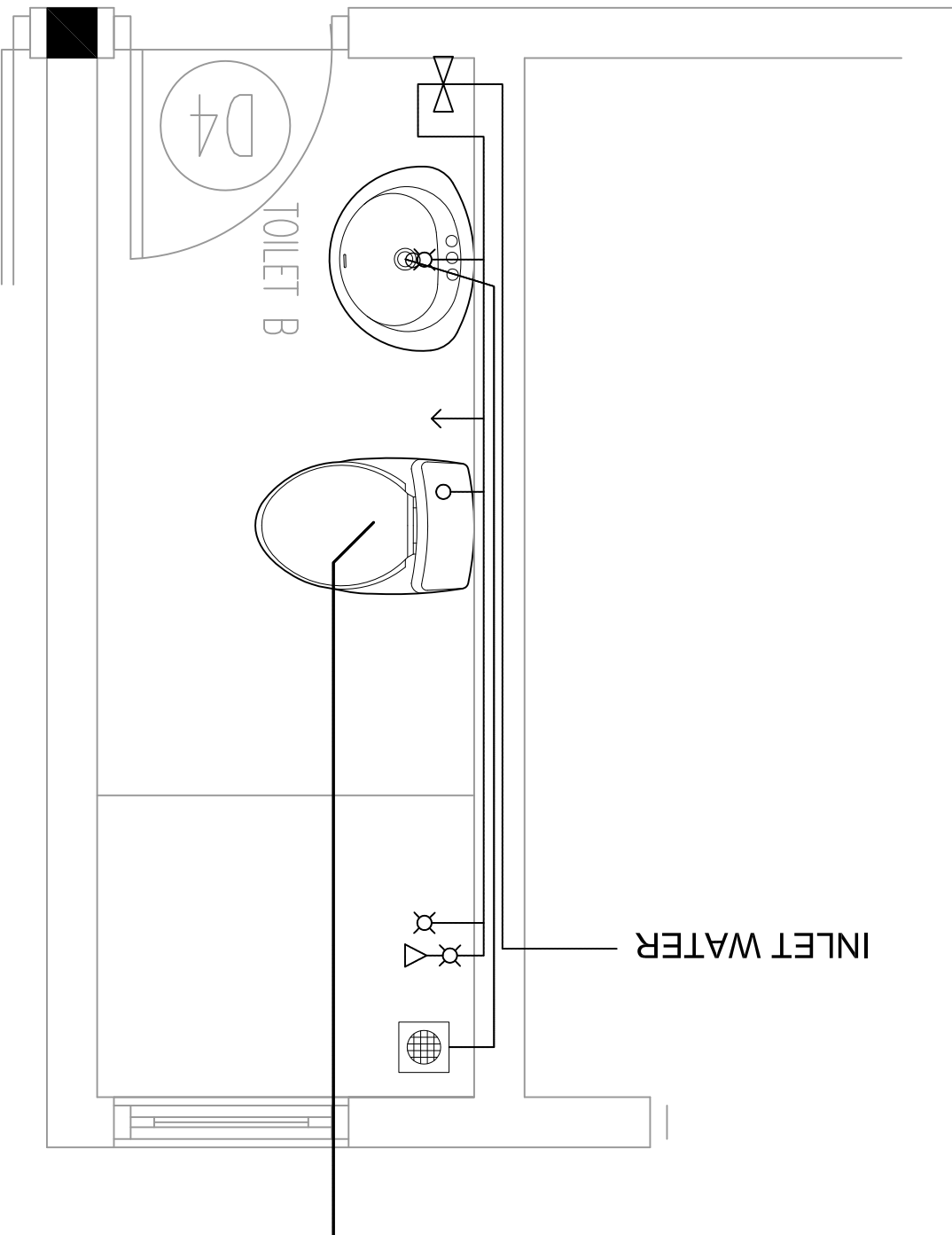
- RAINWATER PIPE
- WASTE WATER PIPE

 _____
 TAP

 WASTE WATER PIPE LINE

 GROUND WATER

 _____
 SINK DRAIN



LEGEND

SHOWER HEAD



TAP



FLUSH TANK INLET



MUSLIM SHOWER



SINK / BASIN DRAIN



FLOOR DRAIN



WC DISCHARGE PIPE LINE



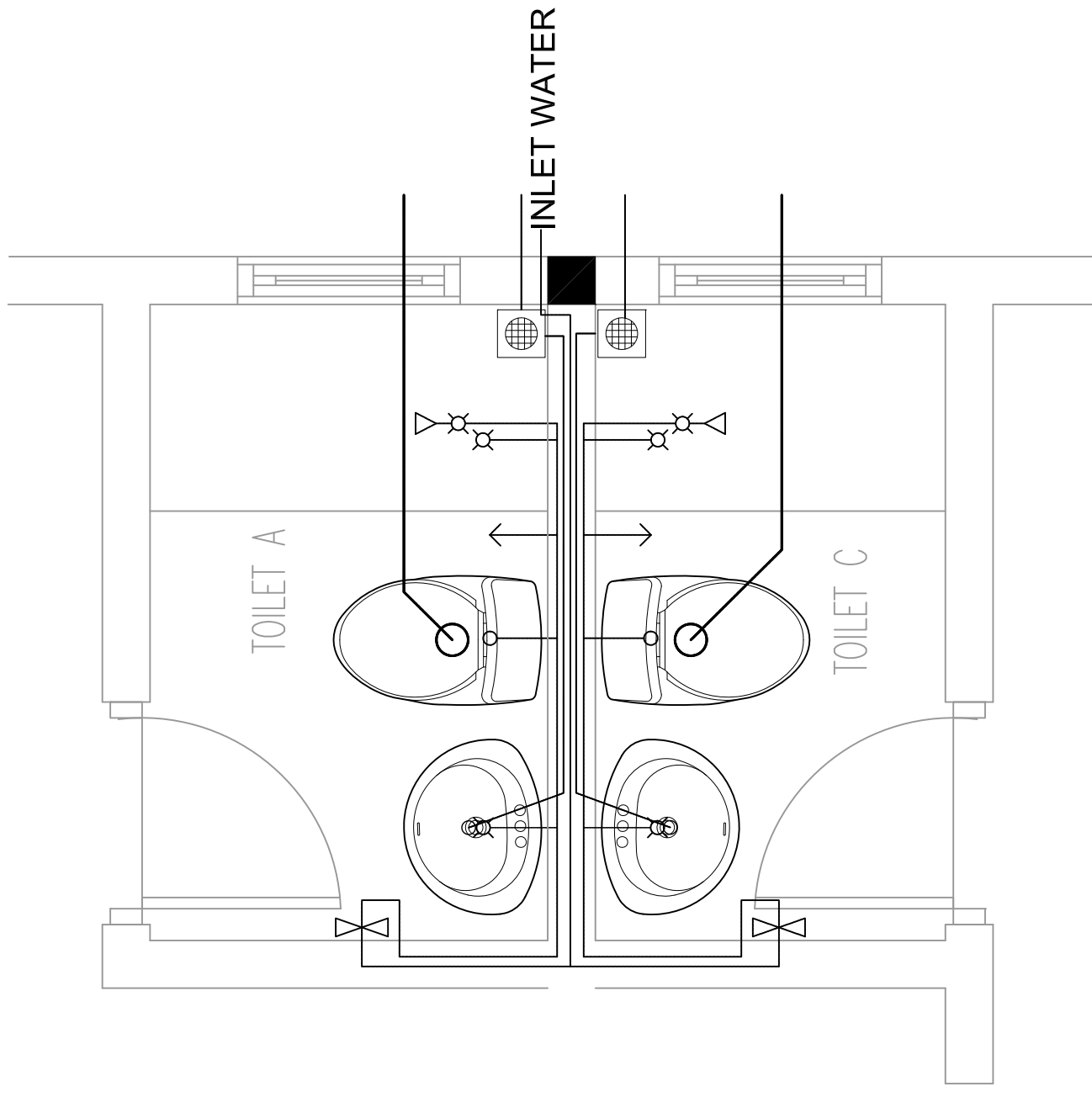
WASTE WATER PIPE LINE



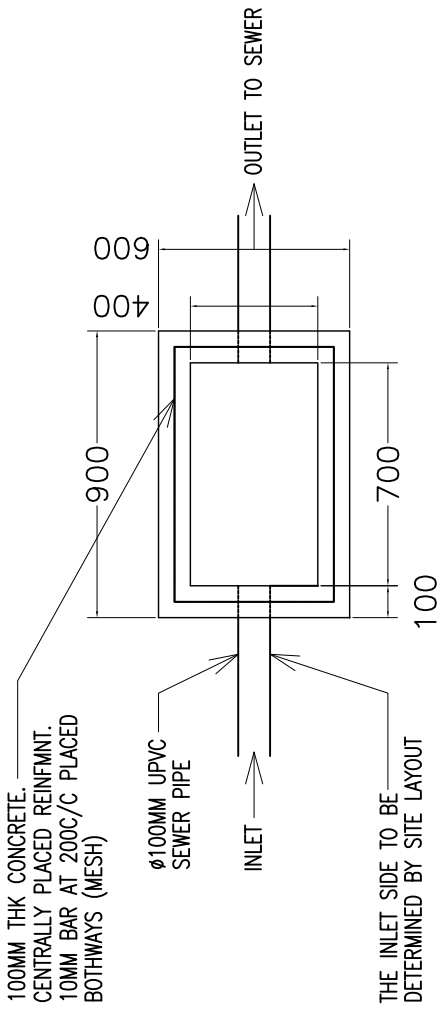
GROUND WATER



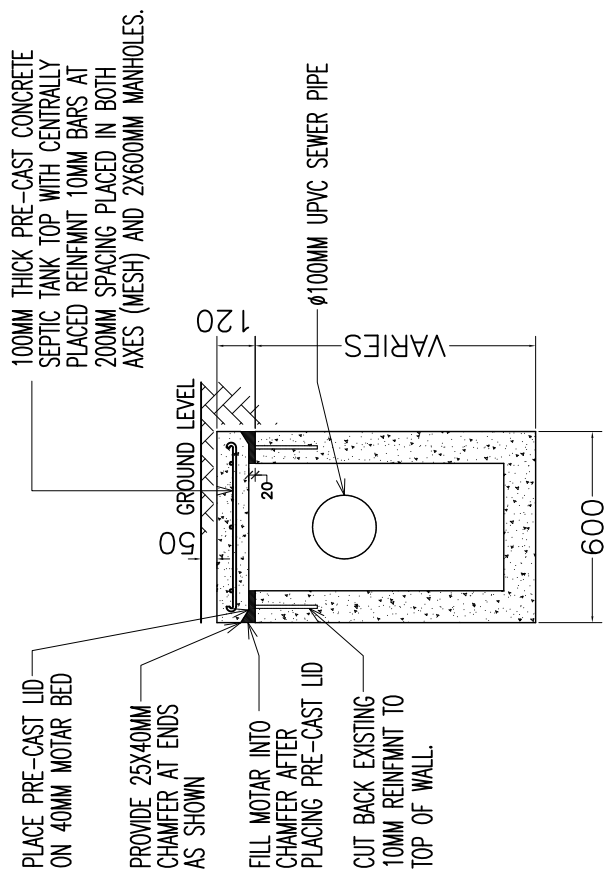
RAINWATER



- 1.
2. THE GREY WATER (SHOWER, BASINS AND FLOOR DRAINS) AND BLACK WATER (TOILETS AND KITCHEN SINK) IS TO BE SEPARATED. THE GREY WATER IS TO DRAIN TO THE ABSORPTION TRENCH TO ASSIST WITH GROUNDWATER REPLENISHMENT AND THE BLACK WATER IS TO DRAIN TO THE SEPTIC TANK.
3. THE DEPTH OF THE OUTLET TO SEWER IS DETERMINED BY THE RELATIVE LEVELS OF THE INTAKES, PIPE RUNS AND OTHER FACTORS AND ARE APPROXIMATELY AS FOLLOWS:
 - A. PIPE SIZE – 100mm DIAMETER
 - B. MINIMUM BURIED DEPTH OF PIPE – 100mm BELOW FLOOR LEVEL.
 - C. START PIPE INVERT LEVEL – 100mm
 - D. APPROXIMATE LENGTH OF PIPE RUN FROM KITCHEN TO SEPTIC TANK – 20m.
 - E. PIPE SLOPE – 1 in 100 (1%)
 - F. PIPE INVERT DEPTH AT ENTRY TO SEPTIC TANK – 400mm
 - G. HEAD DROP IN SEPTIC TANK – 50mm
 - H. DEPTH OF PIPE INVERT AT PLOT BOUNDARY – 450mm



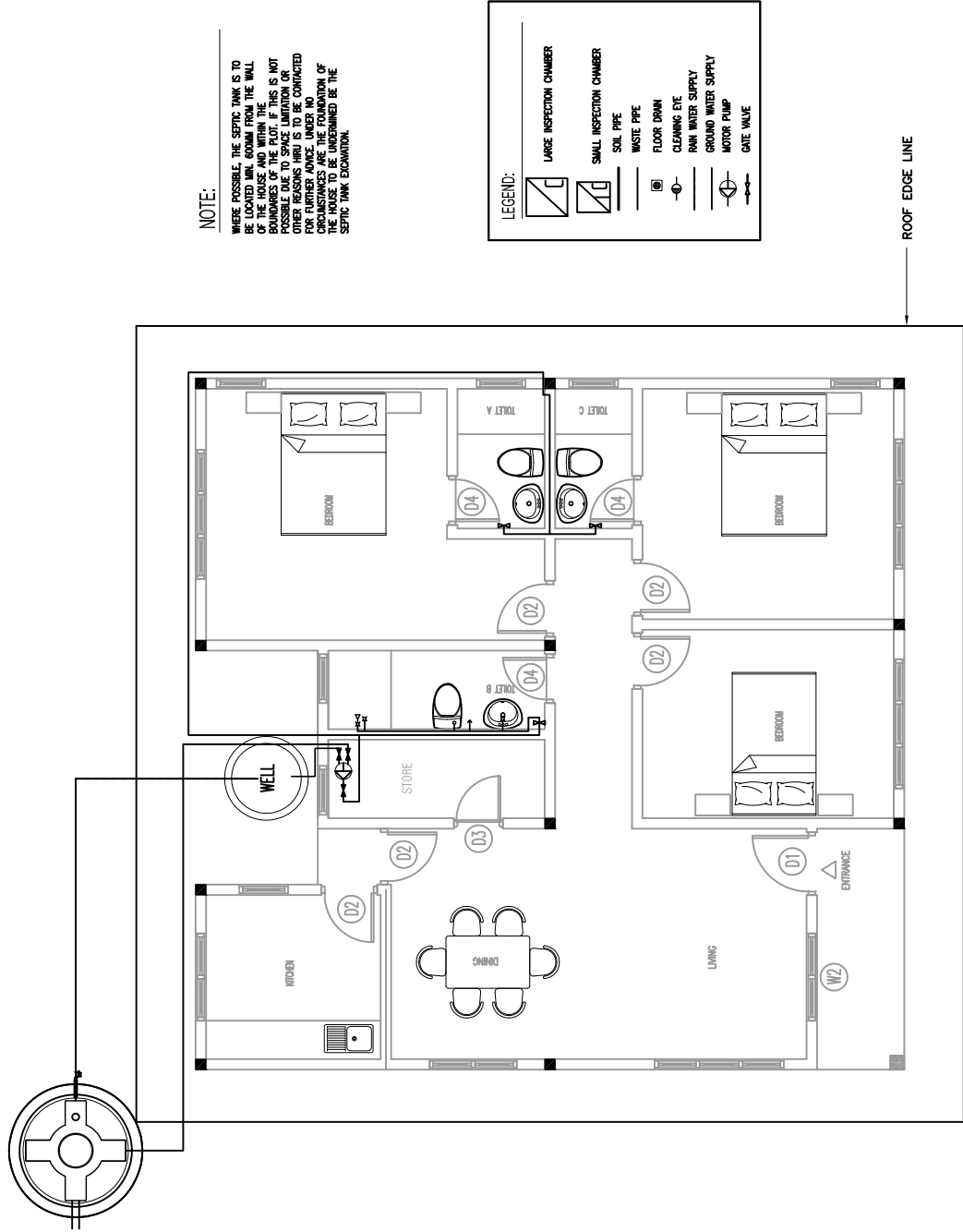
PLAN VIEW



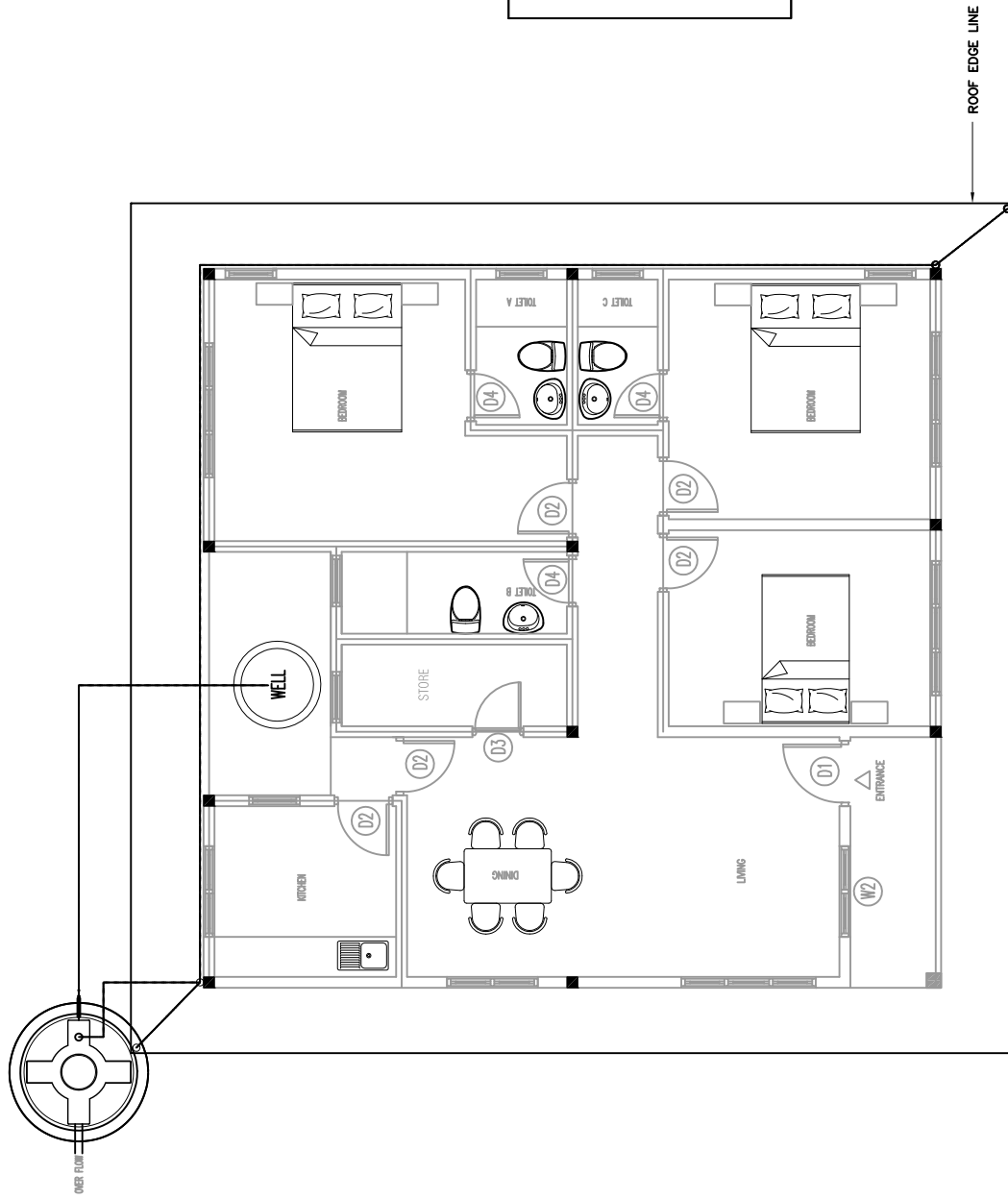
SECTION VIEW

MAIN I.C. DETAILS 1:20





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LEGEND:

	LARGE INSPECTION CHAMBER
	SMALL INSPECTION CHAMBER
	SOIL PIPE
	WASTE PIPE
	FLOOR DRAIN
	CLEANING EYE
	RAIN WATER SUPPLY
	GROUND WATER SUPPLY
	MOTOR PUMP
	GATE VALVE

PROJECT:		
SINGLE STOREY HOUSING UNITS LAAMU FONADHOO		
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RAINWATER DOWN PIPE LAYOUT
PLAN 1:100