

FLOOR PLAN

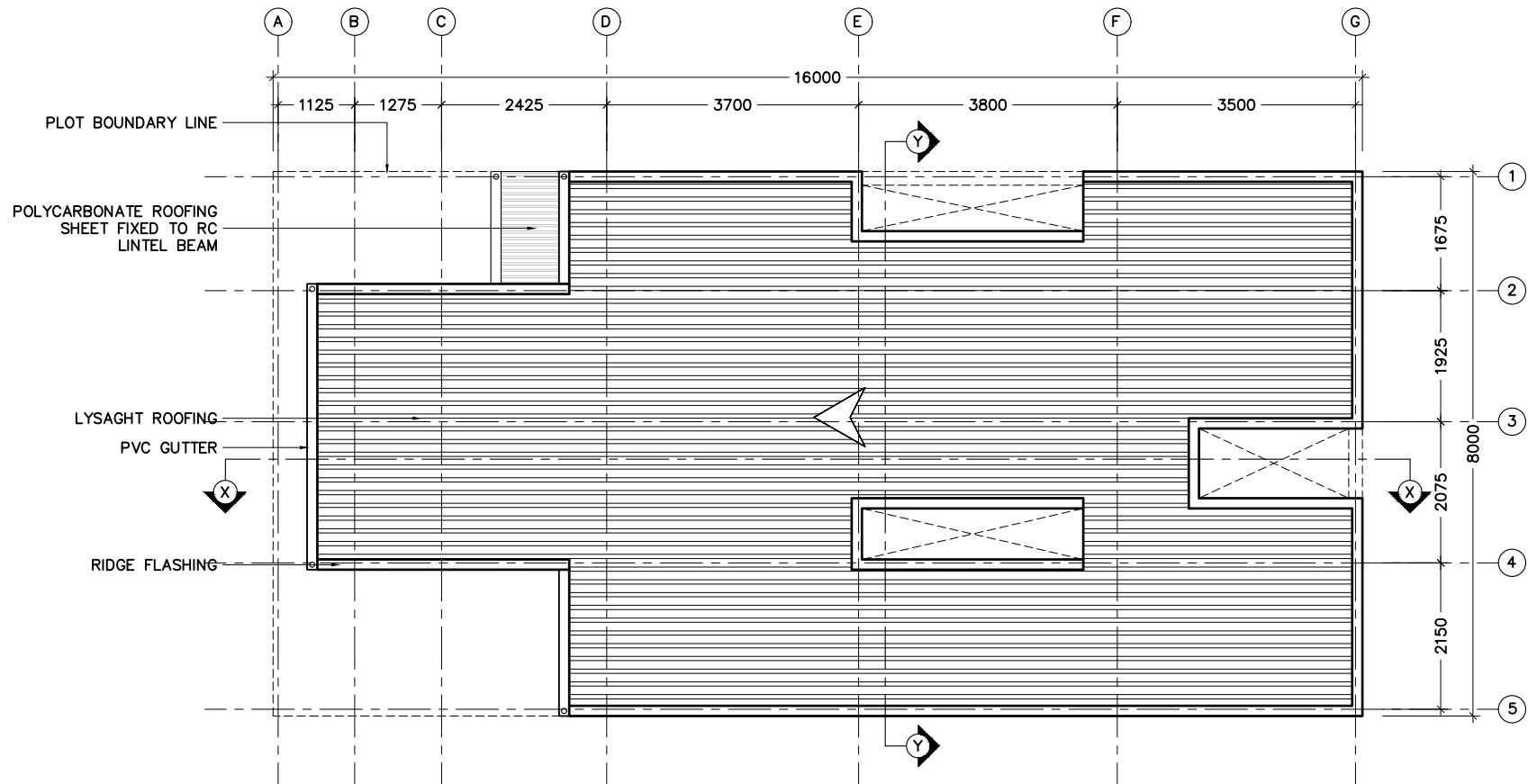
SCALE 1:100



NOTE:
FURNITURE NOT INCLUDED WITH HOUSE
EAVE AT VERANDAH TO BE LINE WITH
6MM NON ASBESTOS FIBRE CEMENT
BOARD

PROJECT: SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE: 18.09.2019	SCALE: 1:100
	PAGE: A01





ROOF PLAN

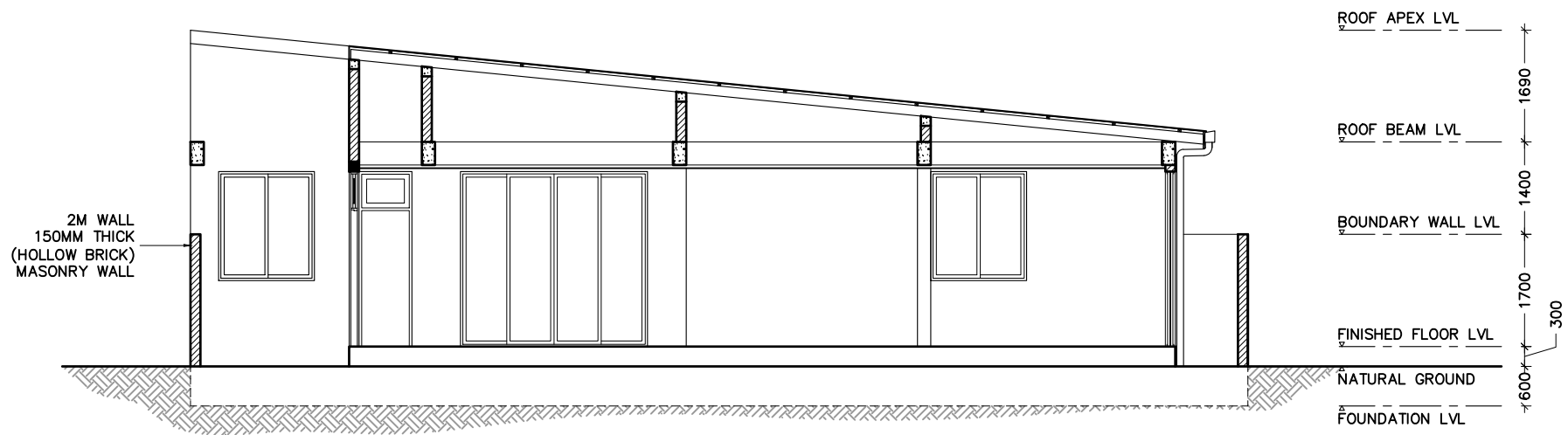
SCALE 1:100



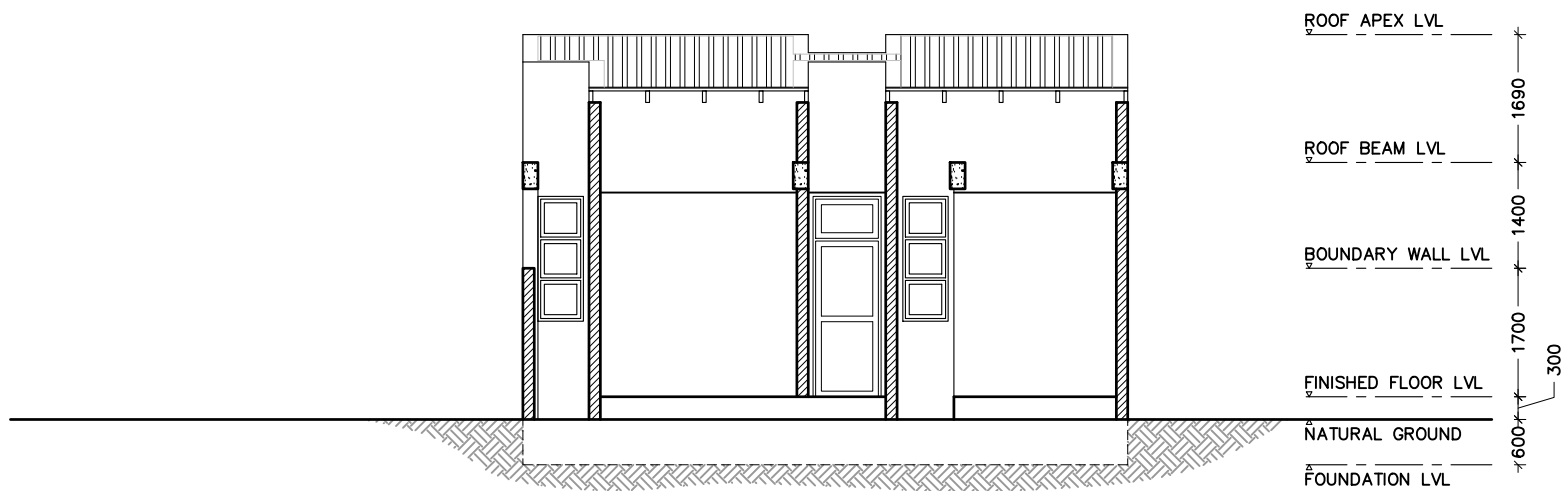
NOTE:
FURNITURE NOT INCLUDED WITH HOUSE
EAVE AT VERANDAH TO BE LINE WITH
6MM NON ASBESTOS FIBRE CEMENT
BOARD

PROJECT: SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE: 18.09.2019	SCALE: 1:100
	PAGE: A02





PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE:	SCALE: 1:100
18.09.2019	PAGE: A03

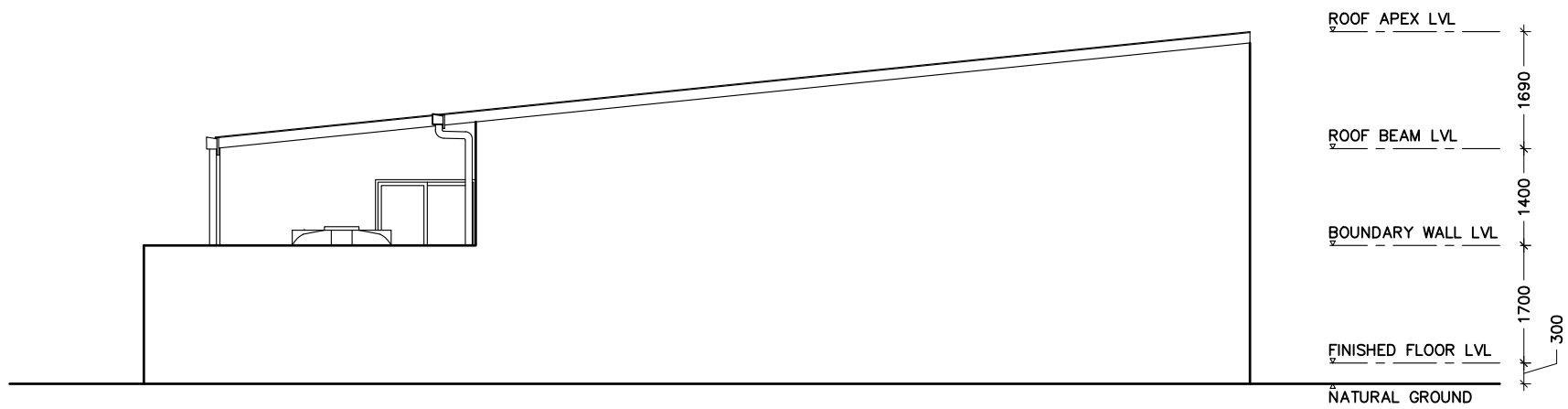


SECTION YY

SCALE 1:100



PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE:	SCALE: 1:100
18.09.2019	PAGE: A04



ELEVATION A

SCALE 1:100



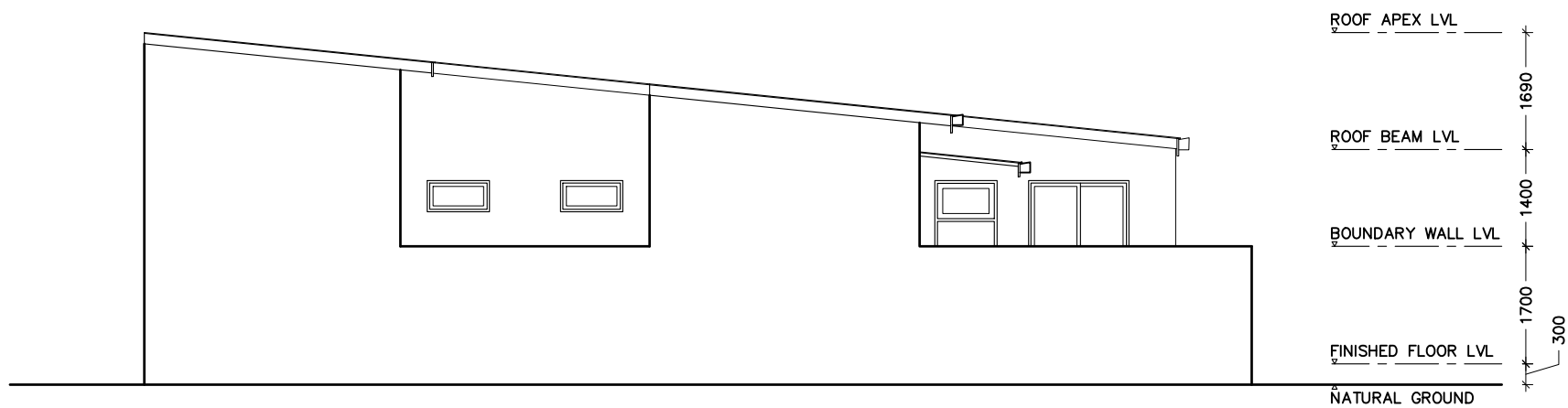
PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE:	SCALE: 1:100
18.09.2019	PAGE: A05



ELEVATION B
SCALE 1:100



PROJECT: SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE: 18.09.2019	SCALE: 1:100
	PAGE: A06



ELEVATION C

SCALE 1:100



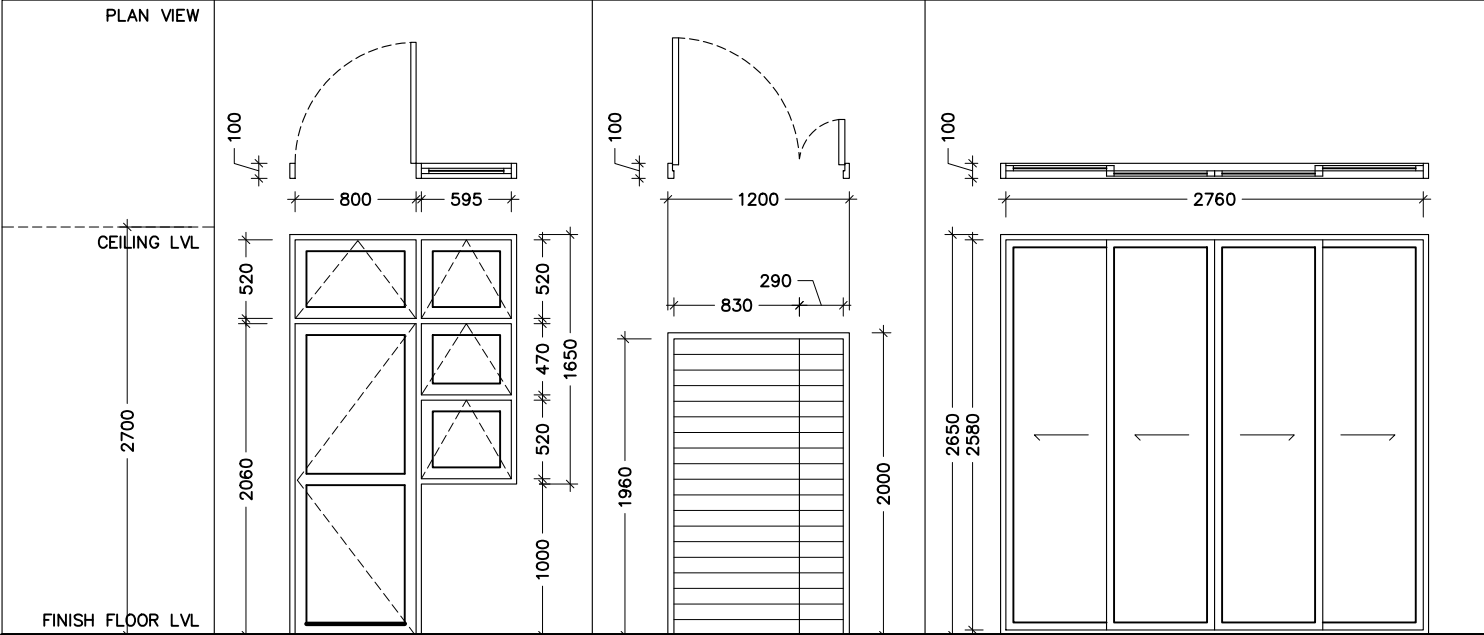
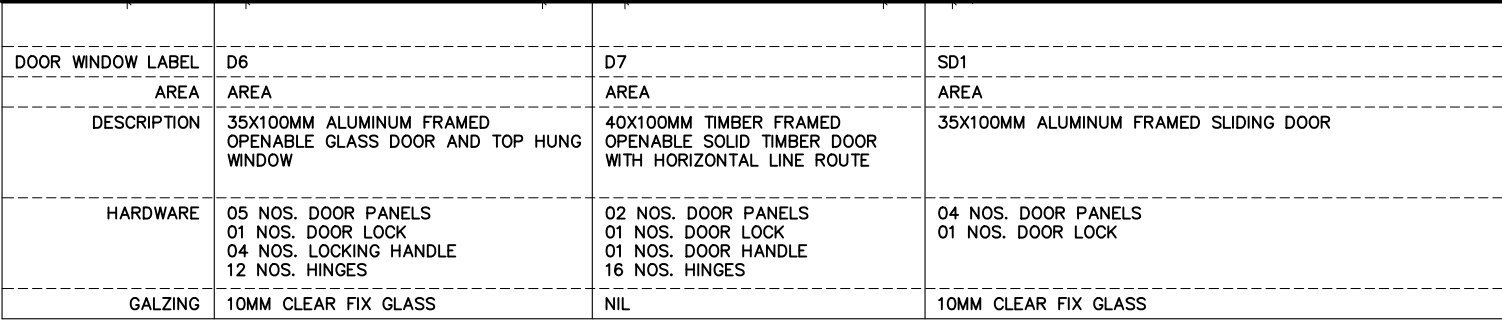
PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE:	SCALE: 1:100
18.09.2019	PAGE: A07

PLAN VIEW					
CEILING LVL					
FINISH FLOOR LVL					
DOOR WINDOW LABEL	D1	D2	D3	D4	D5
AREA	AREA	AREA	AREA	AREA	AREA
DESCRIPTION	40X100MM TIMBER FRAMED OPENABLE SOLID TIMBER DOOR WITH TOP HUNG WINDOW	40X100MM TIMBER FRAMED OPENABLE PLYWOOD DOOR WITH TOP HUNG WINDOW	40X100MM TIMBER FRAMED OPENABLE PLYWOOD DOOR	40X100MM PLASTIC FRAMED OPENABLE PLASTIC DOOR	35X100MM ALUMINUM FRAMED OPENABLE GLASS DOOR WITH TOP HUNG WINDOW
HARDWARE	02 NOS. DOOR PANELS 01 NOS. DOOR LOCK 01 NOS. LOCKING HANDLE 05 NOS. HINGES	02 NOS. DOOR PANELS 01 NOS. DOOR LOCK 01 NOS. LOCKING HANDLE 05 NOS. HINGES	01 NOS. DOOR PANEL 01 NOS. DOOR LOCK 03 NOS. HINGES	01 NOS. DOOR PANEL 01 NOS. DOOR LOCK 03 NOS. HINGES	02 NOS. DOOR PANELS 01 NOS. DOOR LOCK 01 NOS. LOCKING HANDLE 06 NOS. HINGES
GALZING	10MM CLEAR FIX GLASS	10MM CLEAR GLASS	NIL	NIL	10MM CLEAR GLASS

DOOR & WINDOW SCHEDULE

SCALE 1: 50

PROJECT: SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE: 18.09.2019	SCALE: 1:50
	PAGE: A08

PLAN VIEW			
			
CEILING LVL			
FINISH FLOOR LVL			
DOOR WINDOW LABEL	D6	D7	SD1
AREA	AREA	AREA	AREA
DESCRIPTION	35X100MM ALUMINUM FRAMED OPENABLE GLASS DOOR AND TOP HUNG WINDOW	40X100MM TIMBER FRAMED OPENABLE SOLID TIMBER DOOR WITH HORIZONTAL LINE ROUTE	35X100MM ALUMINUM FRAMED SLIDING DOOR
HARDWARE	05 NOS. DOOR PANELS 01 NOS. DOOR LOCK 04 NOS. LOCKING HANDLE 12 NOS. HINGES	02 NOS. DOOR PANELS 01 NOS. DOOR LOCK 01 NOS. DOOR HANDLE 16 NOS. HINGES	04 NOS. DOOR PANELS 01 NOS. DOOR LOCK
GALZING	10MM CLEAR FIX GLASS	NIL	10MM CLEAR FIX GLASS

DOOR & WINDOW SCHEDULE

SCALE 1: 50

PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE:	SCALE: 1:50
18.09.2019	PAGE: A09

PLAN VIEW			
CEILING LVL			
2700			
FINISH FLOOR LVL			
DOOR WINDOW LABEL	W1	W2	W3
AREA	AREA	AREA	AREA
DESCRIPTION	35X100MM ALUMINUM FRAMED SLIDING DOOR	35X100MM ALUMINUM FRAMED TOP HUNG WINDOWS	35X100MM ALUMINUM FRAMED TOP HUNG WINDOW
HARDWARE	02 NOS. DOOR PANELS 01 NOS. DOOR LOCK	03 NOS. DOOR PANELS 03 NOS. LOCKING HANDLES	01 NOS. DOOR PANELS 01 NOS. LOCKING HANDLES
GALZING	10MM CLEAR FIX GLASS	10MM CLEAR FIX GLASS	10MM CLEAR FIX GLASS

DOOR & WINDOW SCHEDULE

SCALE 1: 50

PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE:	SCALE: 1:50
18.09.2019	PAGE: A10

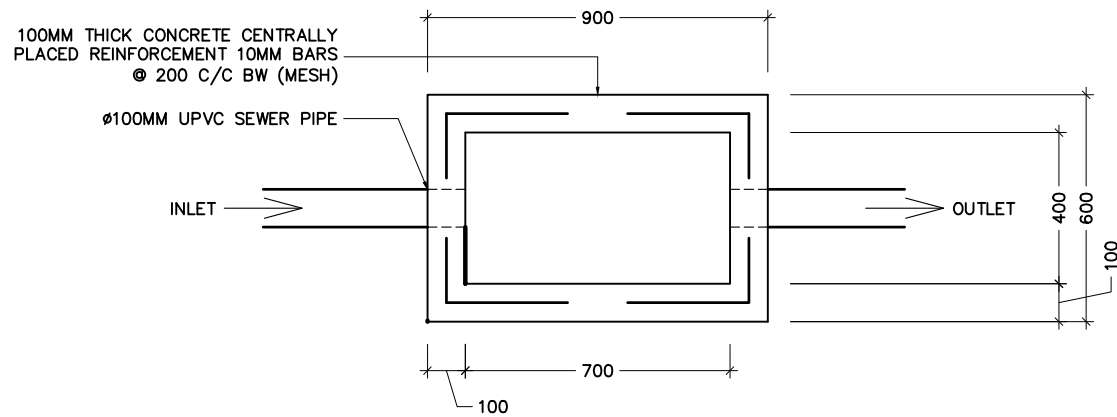


RAINWATER & GROUND WATER WELL DETAILS

SCALE 1:50

PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE: 18.09.2019	SCALE: 1:50
	PAGE: A11

1. 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.
2. 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



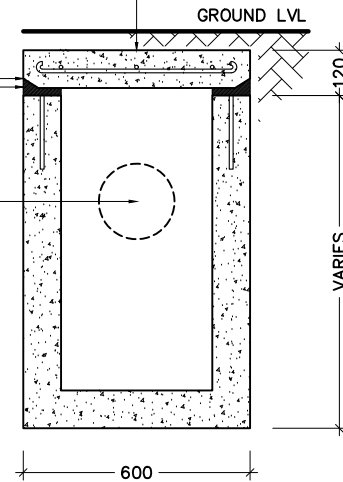
PLAN VIEW

100MM THICK PRE-CAST CONCRETE SEPTIC TANK TOP WITH CENTRALLY PLACED REINFORCEMENT 10MM BARS @ 200MM C/C BW (MESH) AND 2x600 MANHOLES

PROVIDE 25x40MM CHAMFER AT END AS SHOWN

PLACE PRECAST LID ON 40MM MORTAR BED

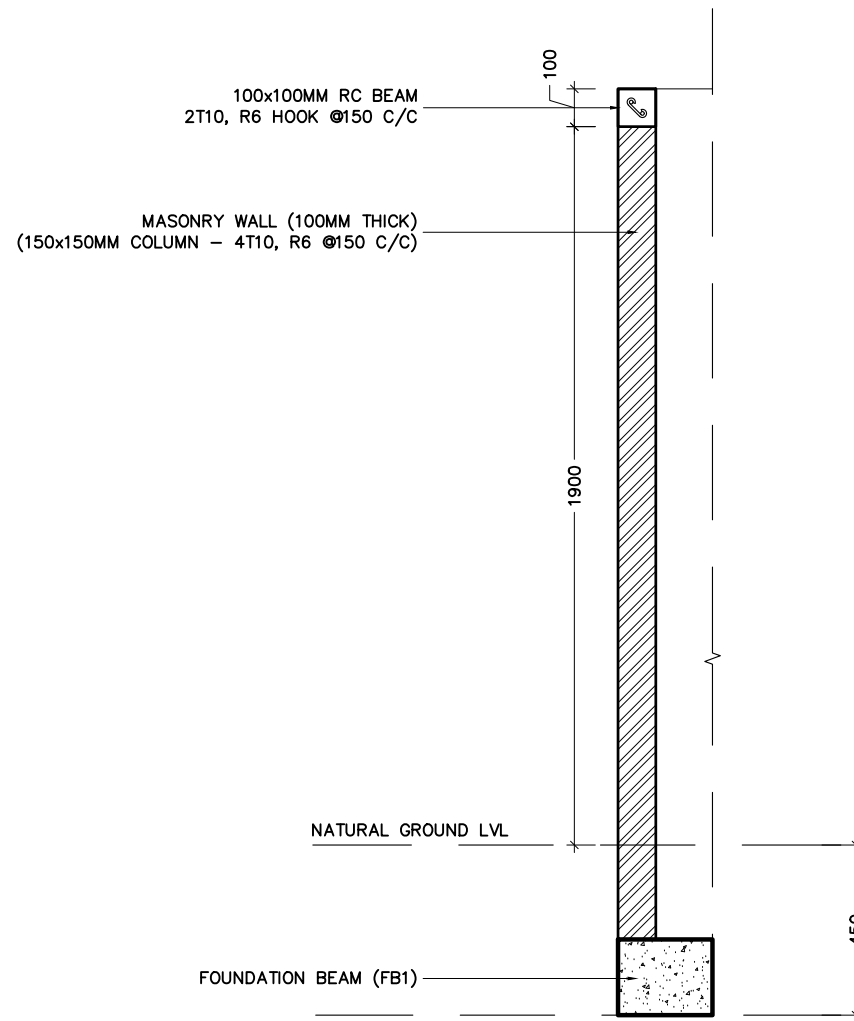
Ø100MM UPVC SEWER PIPE



SECTION VIEW

IC DETAILS
SCALE 1:20

PROJECT: SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE: 18.09.2019	SCALE: 1:20
	PAGE: A12



2M BOUNDARY WALL DETAILS

SCALE 1: 20

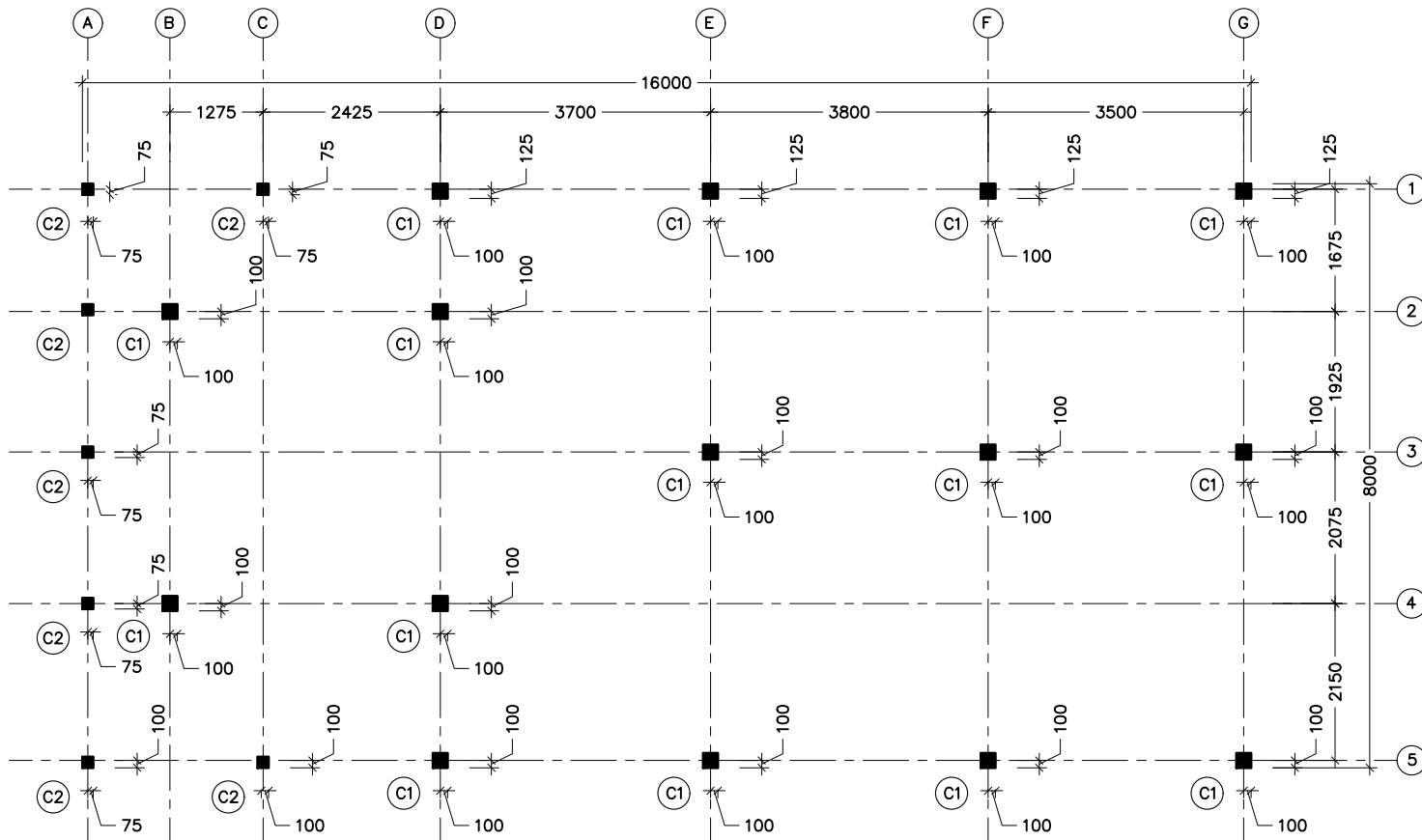
PROJECT: SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE: 18.09.2019	SCALE: 1:20
	PAGE: A13



SCALE 1:100



PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE: 18.09.2019	SCALE: 1:100
	PAGE: S01

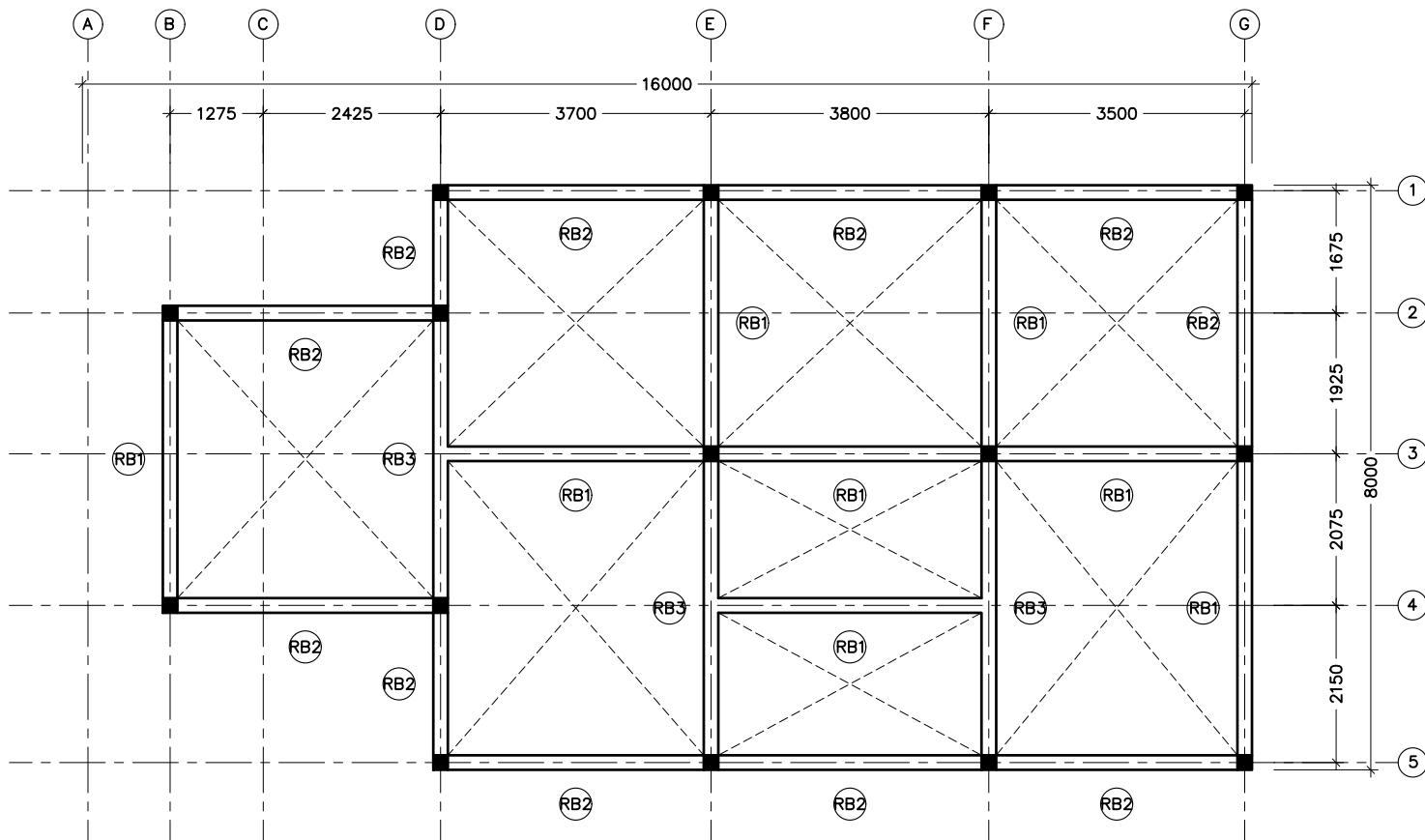


COLUMN LAYOUT PLAN

SCALE 1:100



PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE:	SCALE: 1:100
18.09.2019	PAGE: S02

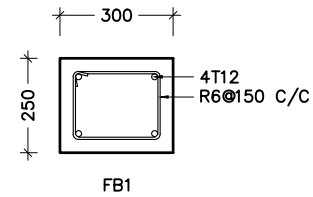
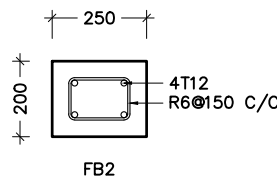
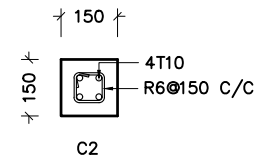
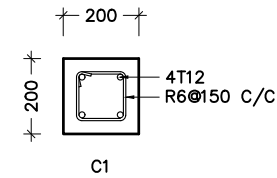
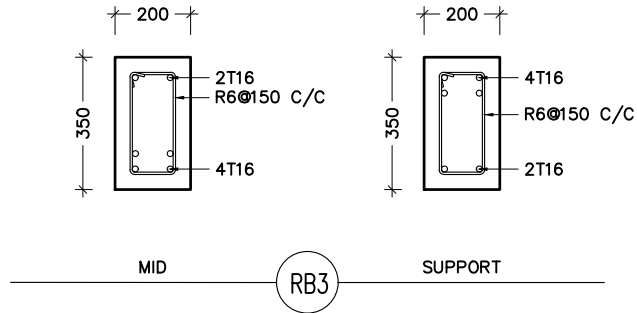
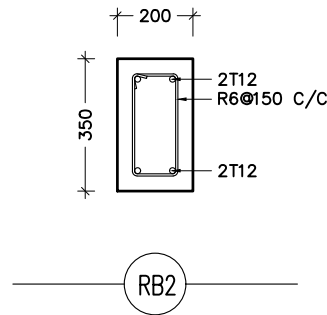
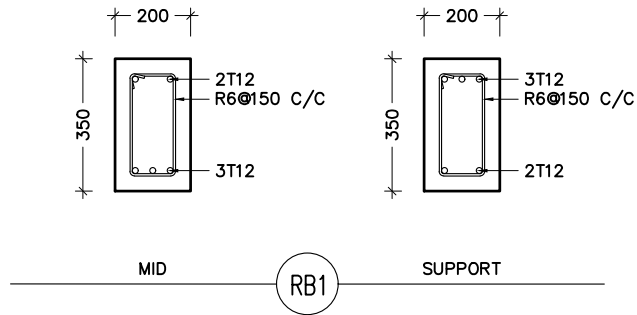


ROOF BEAM PLAN

SCALE 1:100



PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE:	SCALE: 1:100
18.09.2019	PAGE: S03



GENERAL NOTES:

LAPS = $45 \times \text{DIAMETER}$
 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

COLUMN & BEAM DETAILS

SCALE 1: 20

PROJECT:	
SINGLE STOREY HOUSING UNIT LH.NAIFARU	
DATE:	SCALE: 1:20
18.09.2019	PAGE: S04