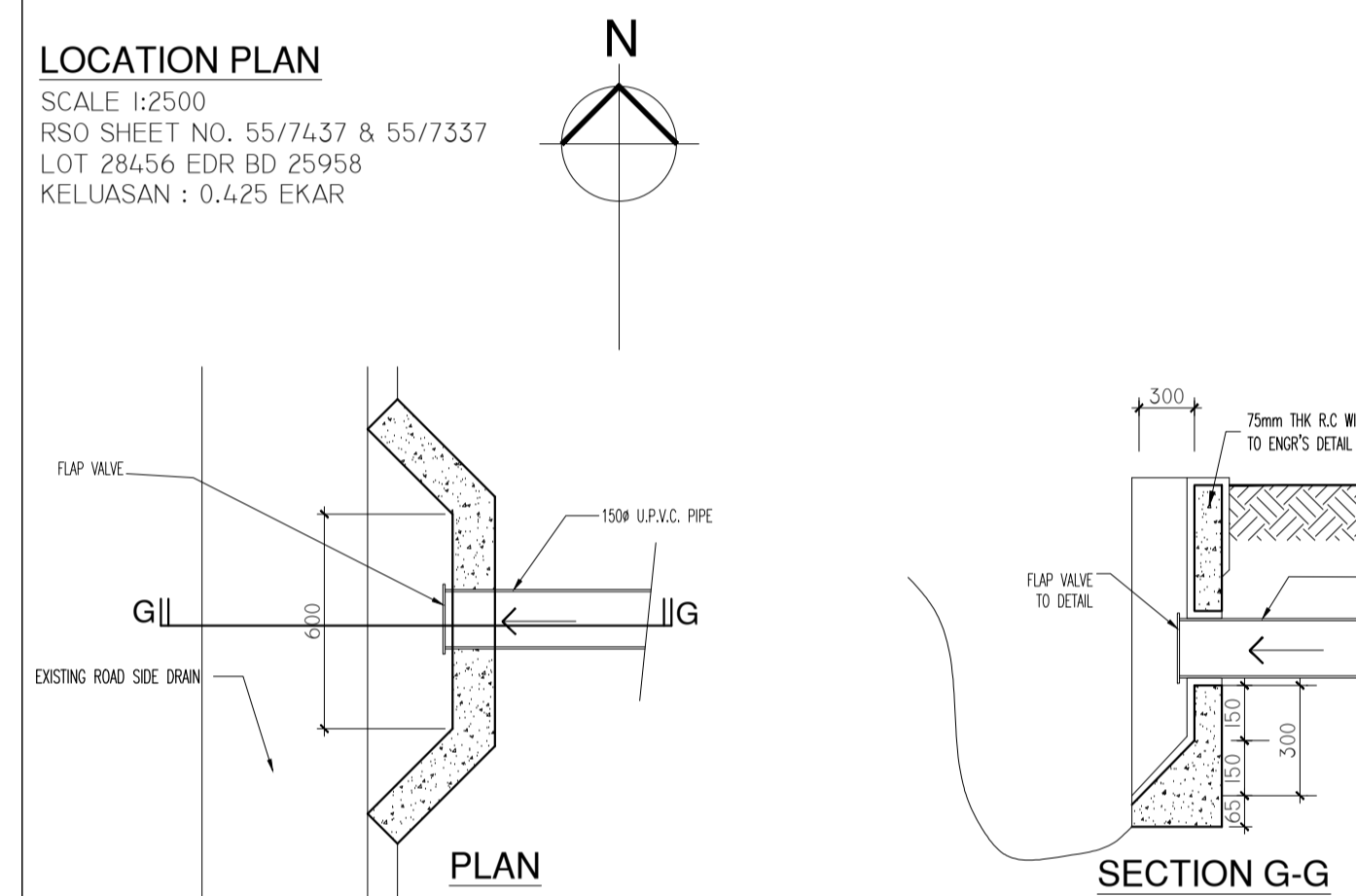
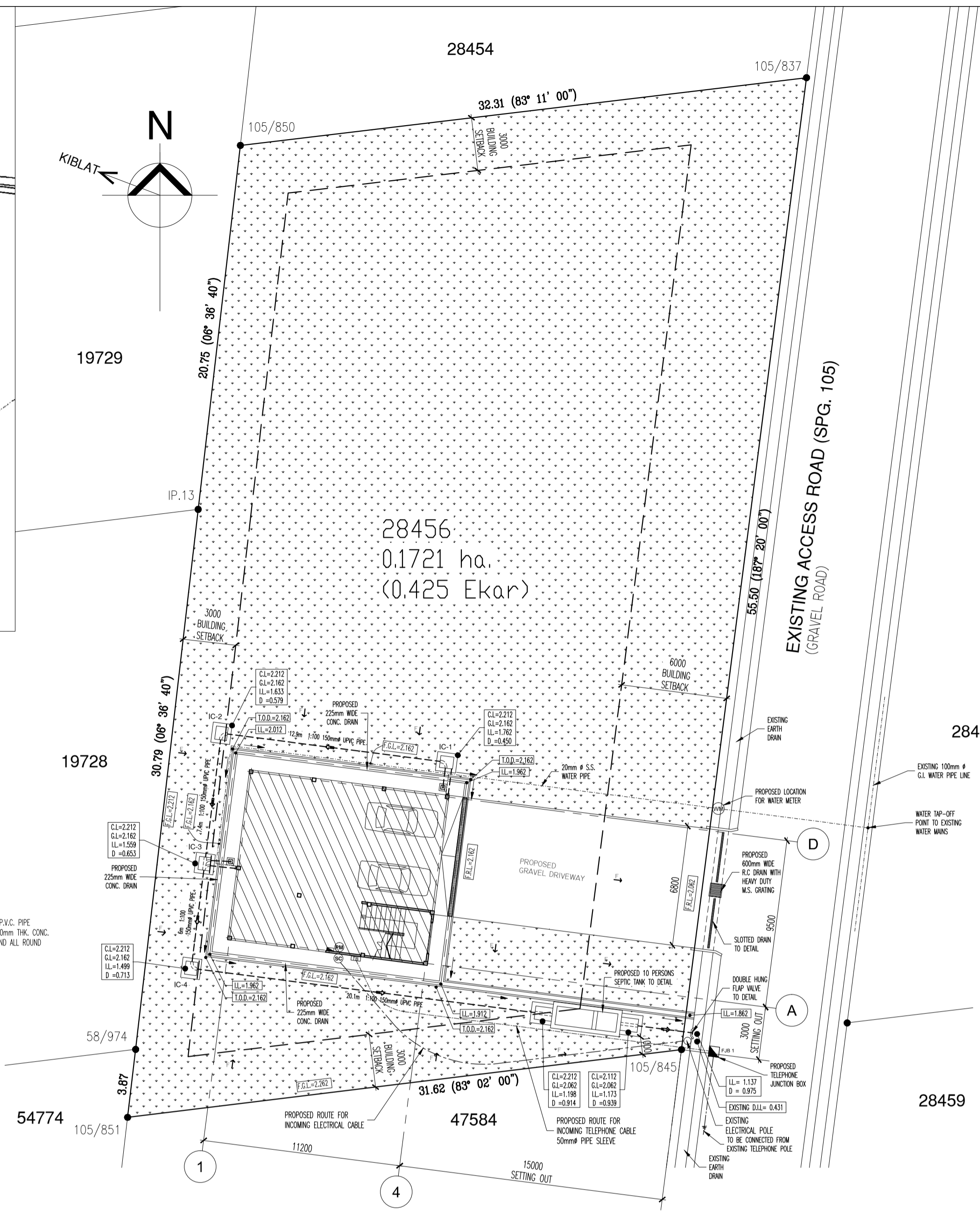




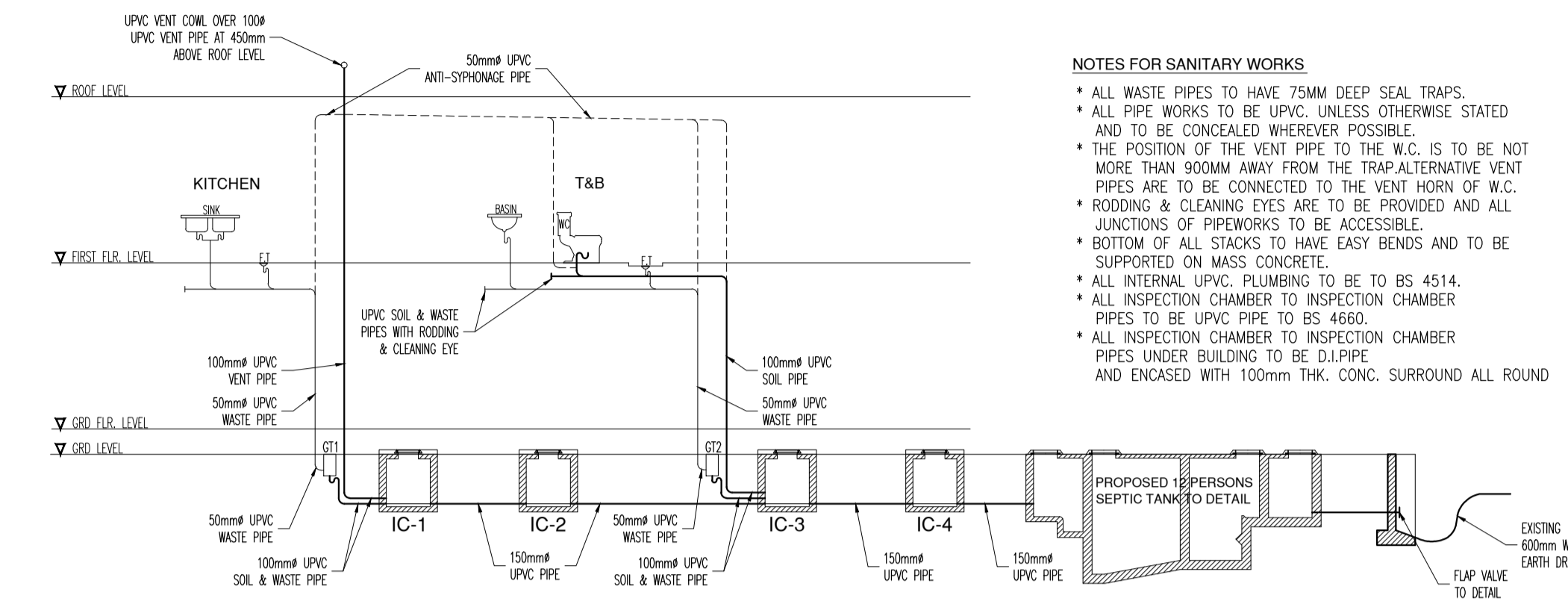
**LOCATION PLAN**  
SCALE 1:2500  
RSO SHEET NO. 55/74/37 & 55/73/37  
LOT 28456 EDR BD 25958  
KELUASAN : 0.425 EKAR



**DETAIL OF SOIL DRAINAGE OUTLET**  
SCALE: 1:20

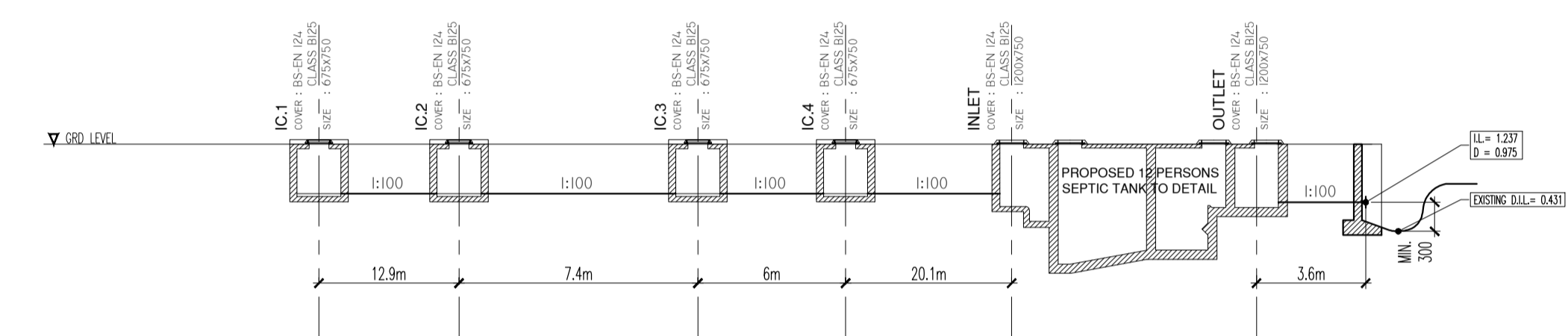


**SITE PLAN**  
SCALE 1:200



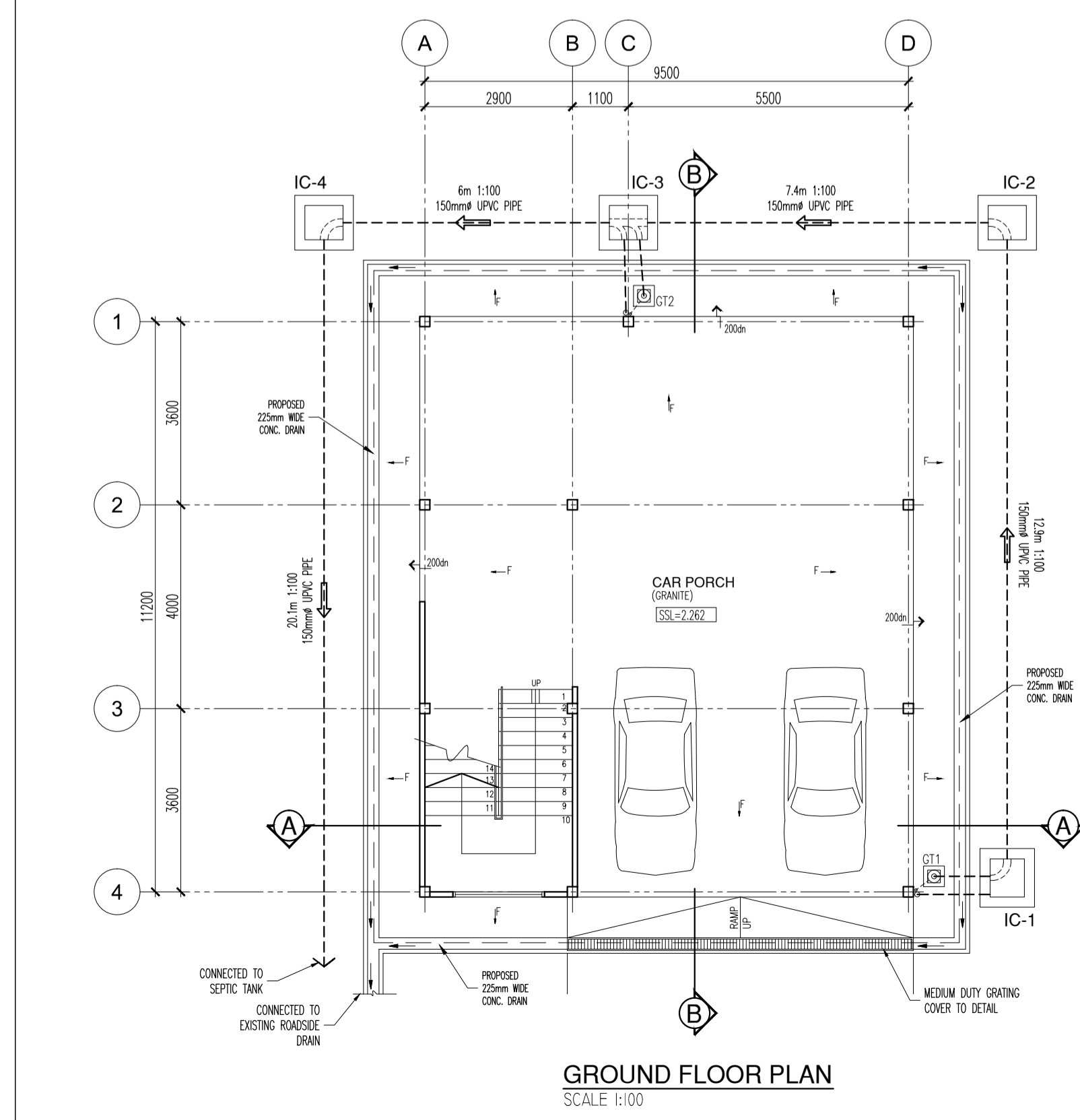
**SCHEMATIC SANITARY LAYOUT**  
N.T.S.

- NOTES FOR SANITARY WORKS**
- ALL WASTE PIPES TO HAVE 75MM DEEP SEAL TRAPS AND TO BE CONCEALED WHEREVER POSSIBLE.
  - THE POSITION OF THE VENT PIPE TO THE W.C. IS TO BE NOT MORE THAN 900MM AWAY FROM THE TRAP. ALTERNATIVE VENT PIPES ARE TO BE CONNECTED TO THE VENT HORN OF W.C.
  - RODDING & CLEANING EYES ARE TO BE PROVIDED AND ALL JUNCTIONS OF PIPEWORKS TO BE ACCESSIBLE.
  - BOTTOM OF ALL STACKS TO HAVE EASY BENDS AND TO BE SUPPORTED ON MASS CONCRETE.
  - ALL INTERNAL UPVC PLUMBING TO BE TO BS 4514.
  - ALL INSPECTION CHAMBER TO INSPECTION CHAMBER PIPES TO BE UPVC PIPE TO BS 4660.
  - ALL INSPECTION CHAMBER TO INSPECTION CHAMBER PIPES UNDER BUILDING TO BE DULPIPE AND ENCASED WITH 100mm THK. CONC. SURROUND ALL ROUND.

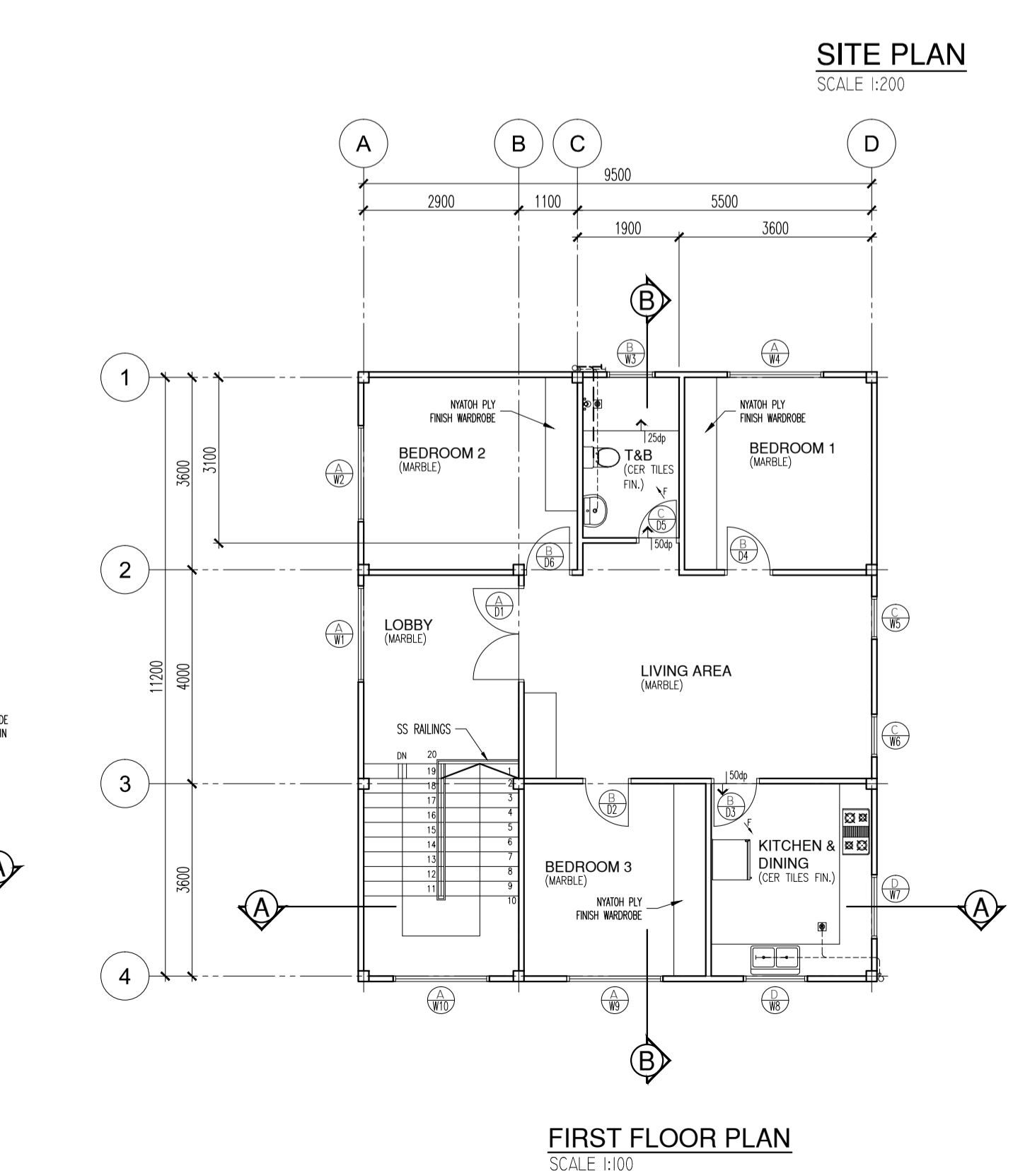


COVER LEVEL (M)	2.212	2.212	2.212	2.212	2.212	2.212
GROUND LEVEL (M)	2.162	2.162	2.162	2.162	2.062	2.062
INVERT LEVEL (M)	1.762	1.653	0.653	0.713	0.916	1.273
DEPTH (M)	0.450	0.579	0.653	0.713	0.916	0.939

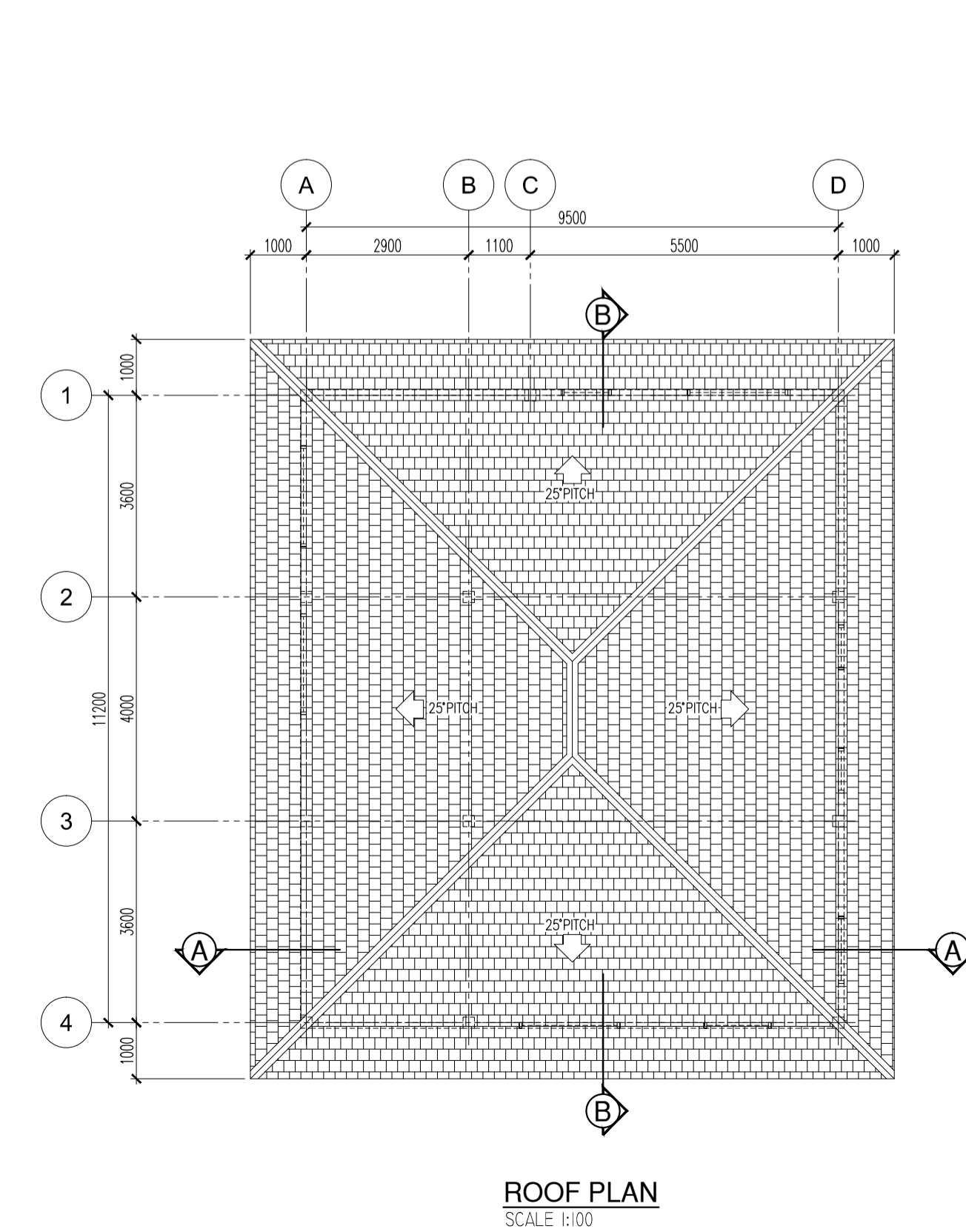
**LONGITUDINAL SECTION OF SOIL DRAINAGE LAYOUT**  
N.T.S.



**GROUND FLOOR PLAN**  
SCALE 1:100

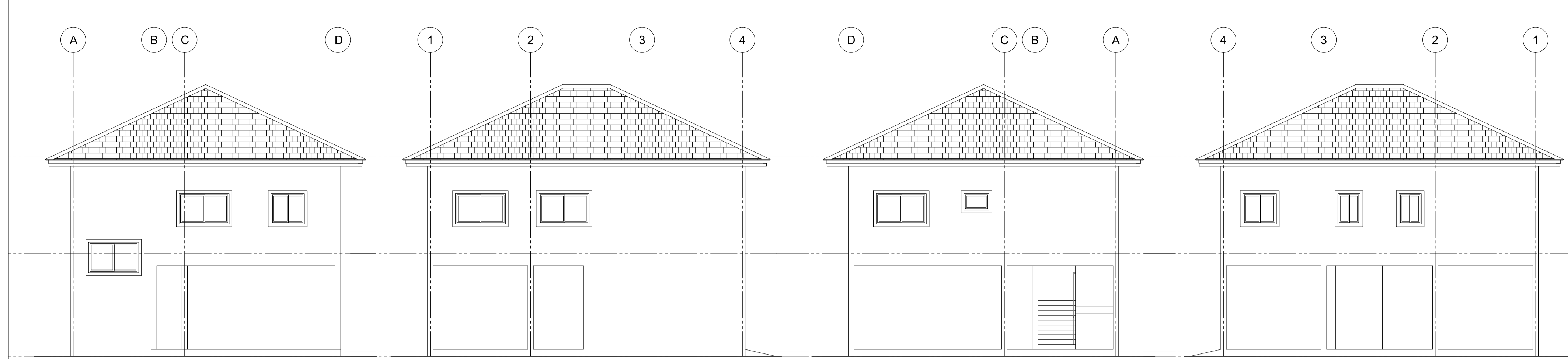


**FIRST FLOOR PLAN**  
SCALE 1:100



**ROOF PLAN**  
SCALE 1:100

No.	Date	Revisions
Owner's name & signature:		
MUHAMMAD FAIZAL BIN HJ MD YUSOFF (I.C No. 00-291666)		
Arkitek: Hj. Amraddin Abdul Aziz & Arch RIBA, M.P.U.A. (Reg. No. 01514A)		
Mohd Shamsul Bin Hj Abdul Mumin (Reg. No. 2BD1424)		
Chartered Architect P.O. Box 1656 Bandar Seri Begawan BS8673		
T:673-2650887 T:673-2651492 F:673-2672504		
Project: PROPOSED STILT HOUSE ON LOT 28456 K.G. KILANAS, MUKIM KILANAS, DAERAH BRUNEI MUARA		
Title: SITE AND LOCATION PLAN, FLOOR AND ROOF PLAN, OUTLET DETAIL, VENTILATION SCHEDULE		
Drawn: SHAM	Dwg. No.	
Scale: As shown	B743-01	
Date: Dec. 2016		
Contractor shall check all dimensions and levels on site before work commences. Any discrepancies shall be reported to the Architect immediately. © Arkitek Aziz		

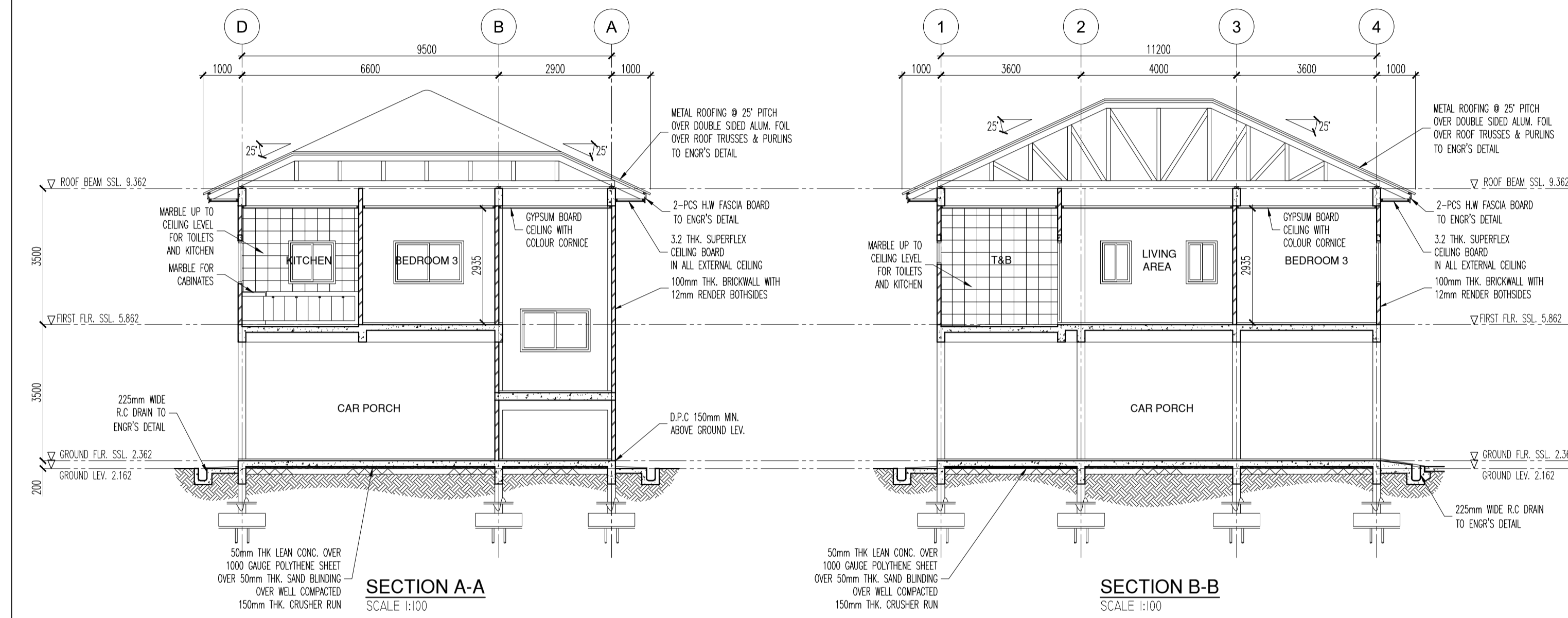


**FRONT ELEVATION**  
SCALE 1:100

**LEFT ELEVATION**  
SCALE 1:100

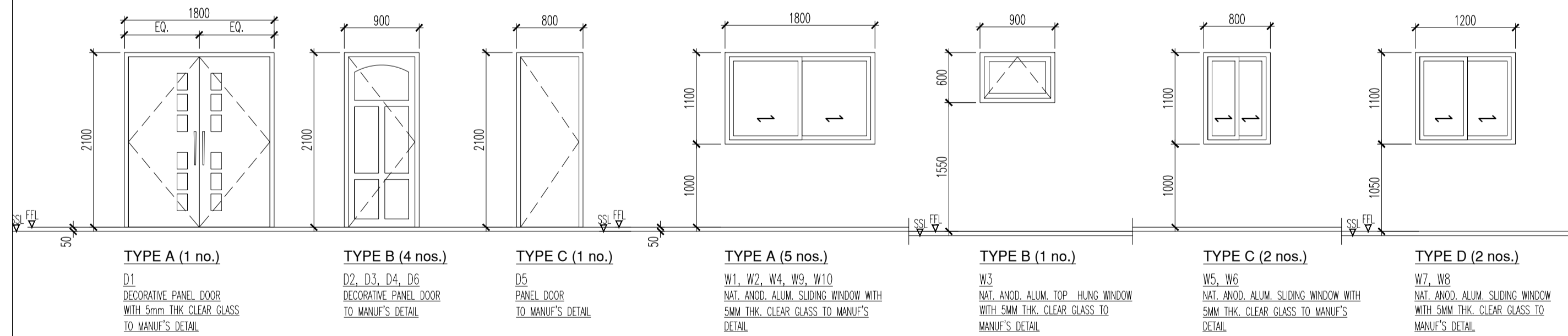
**REAR ELEVATION**  
SCALE 1:100

**RIGHT ELEVATION**  
SCALE 1:100



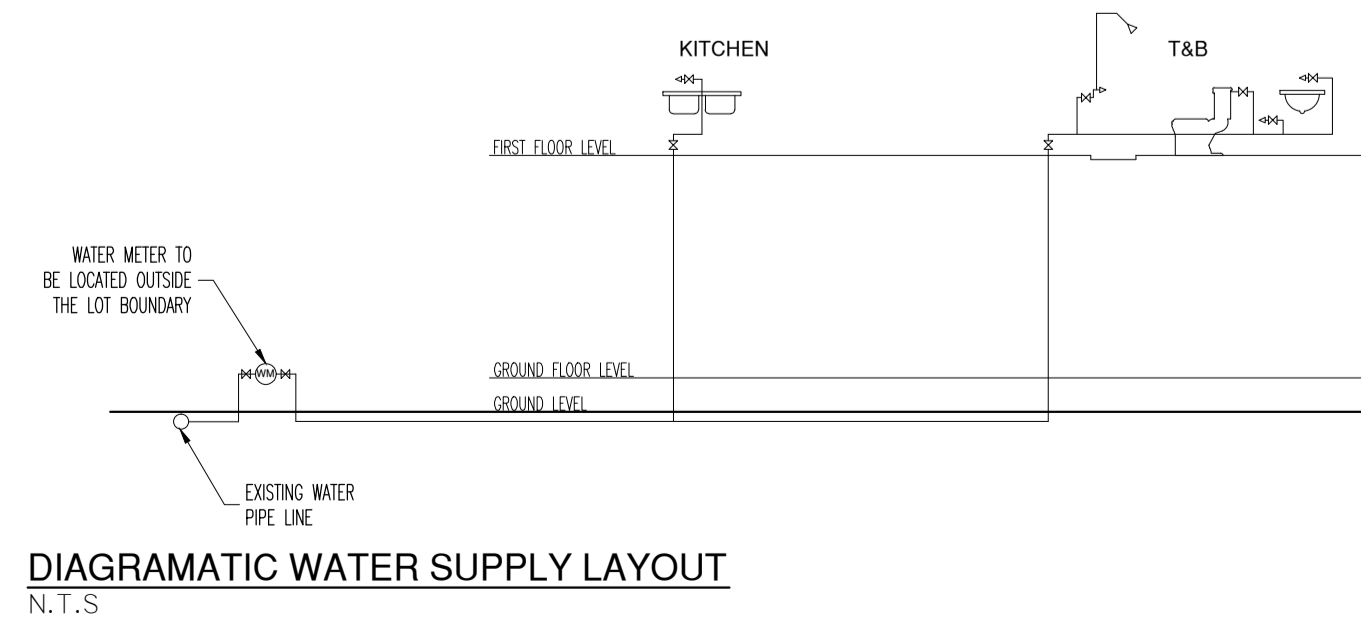
**SECTION A-A**  
SCALE 1:100

**SECTION B-B**  
SCALE 1:100

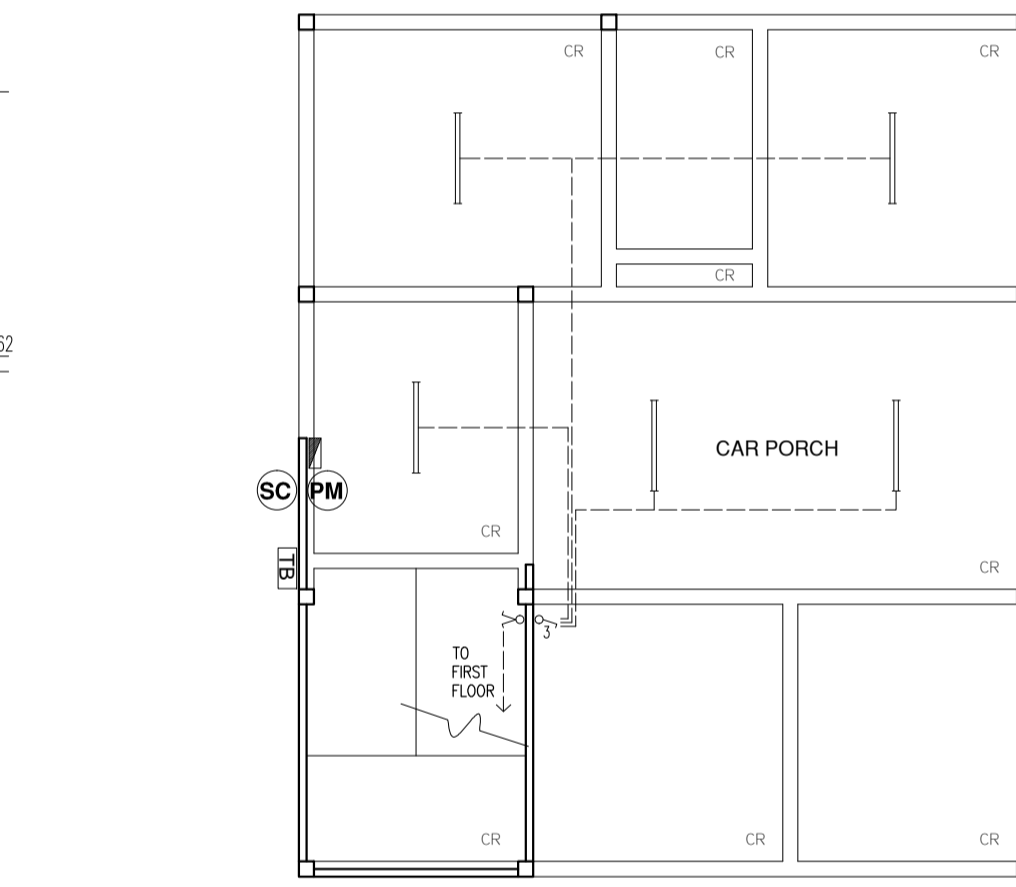


**DOOR AND WINDOW SCHEDULE**  
SCALE 1:50

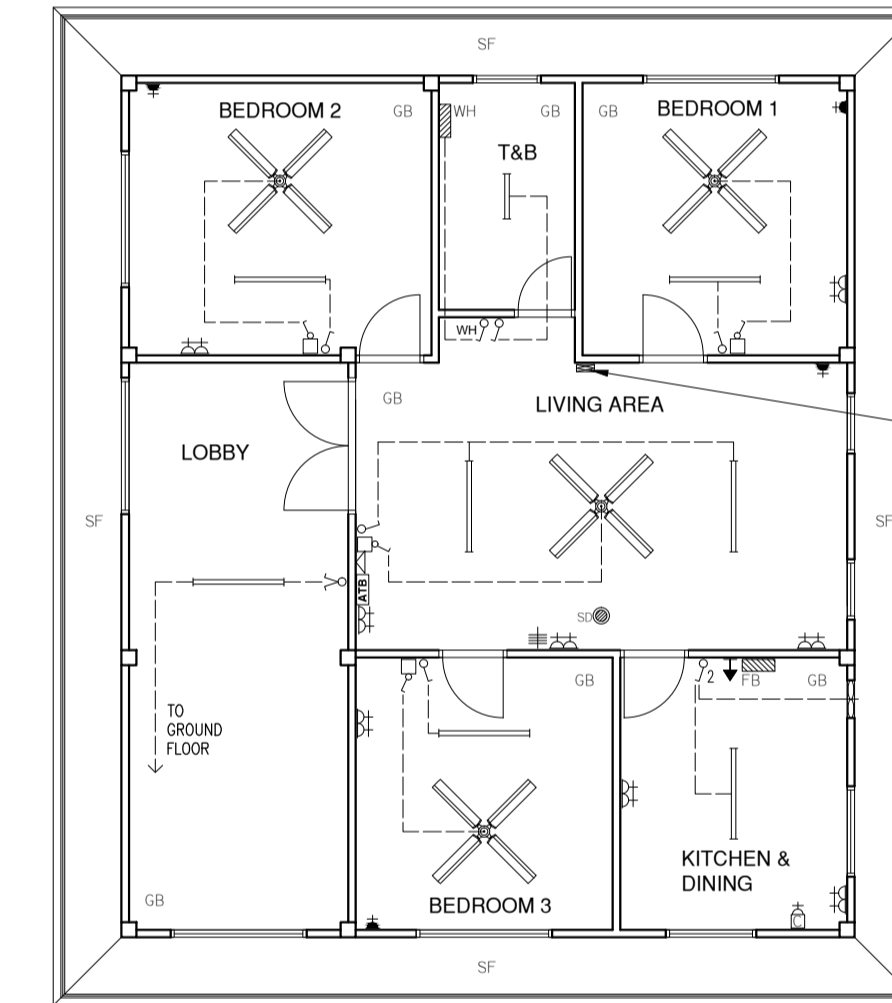
ROOMS	FLOOR AREA (M.SQ.)	REGD WINDOW & AREA (M.SQ.)	ACTUAL WINDOW AREA (M.SQ.)	WINDOWS
<b>FIRST FLOOR</b>				
LIVING AREA	25.78	2.578	1.76	W5, W6 +AC
BEDROOM 1	12.58	1.258	1.98	W4
BEDROOM 2	14.35	1.435	1.98	W2
BEDROOM 3	12.24	1.224	1.98	W9
KITCHEN	10.78	1.078	2.84	W7, W8
T&B	5.4	0.54	0.54	W3



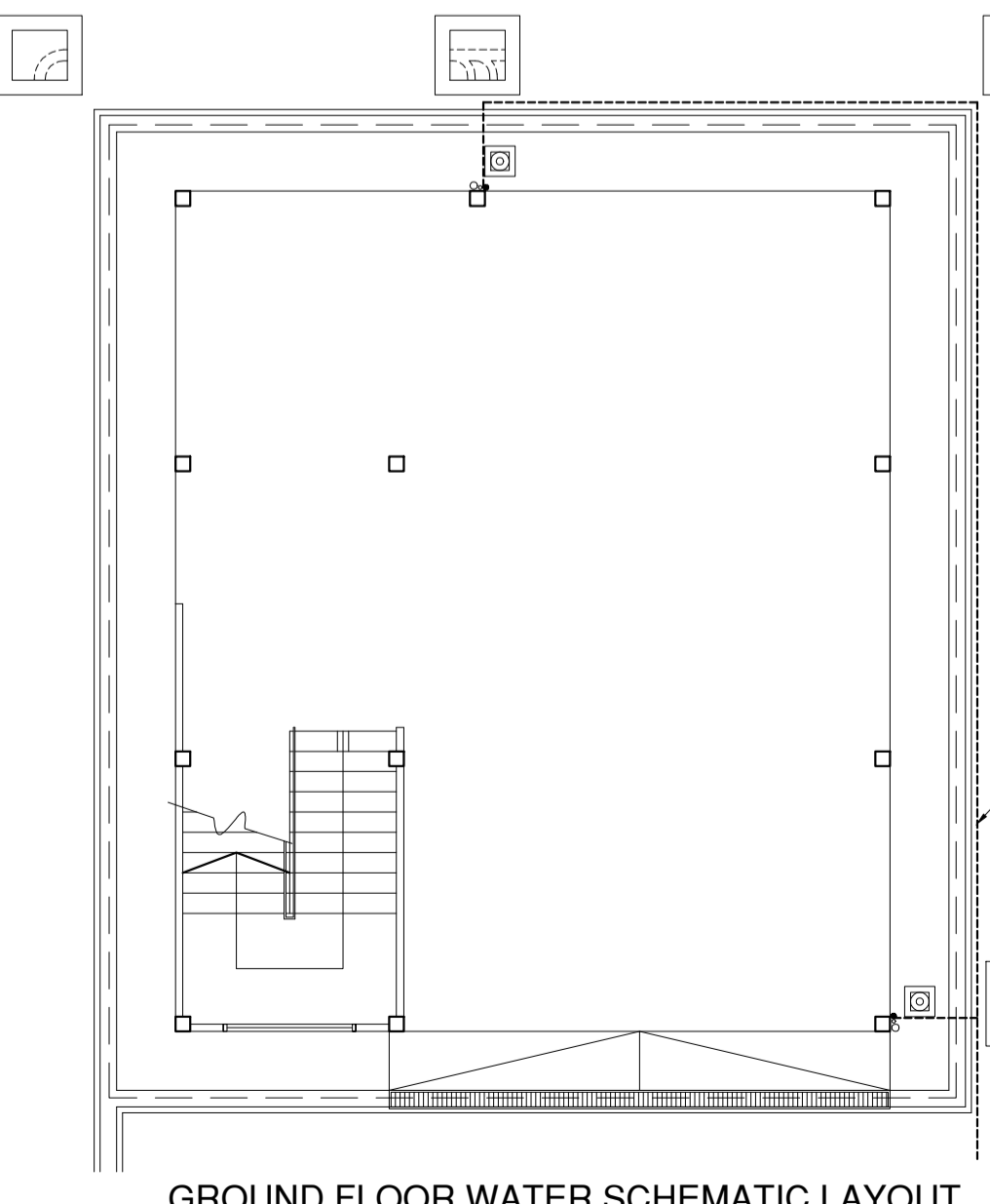
**DIAGRAMATIC WATER SUPPLY LAYOUT**  
N.T.S



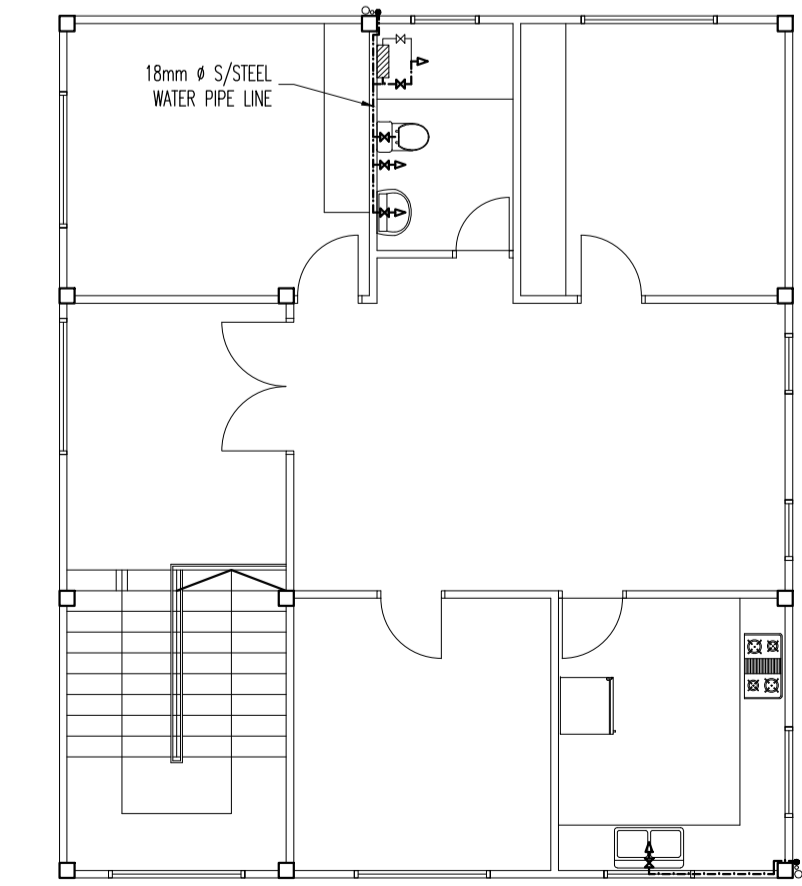
**GROUND FLOOR ELECTRICAL LAYOUT AND REFLECTED CEILING PLAN**  
SCALE 1:100



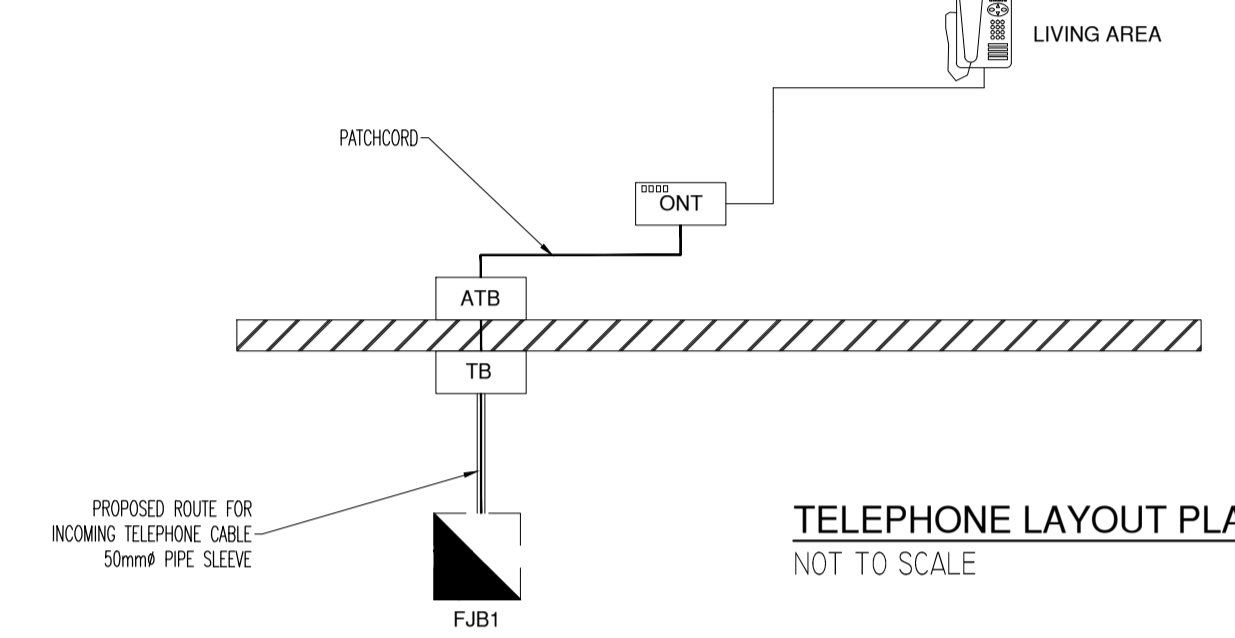
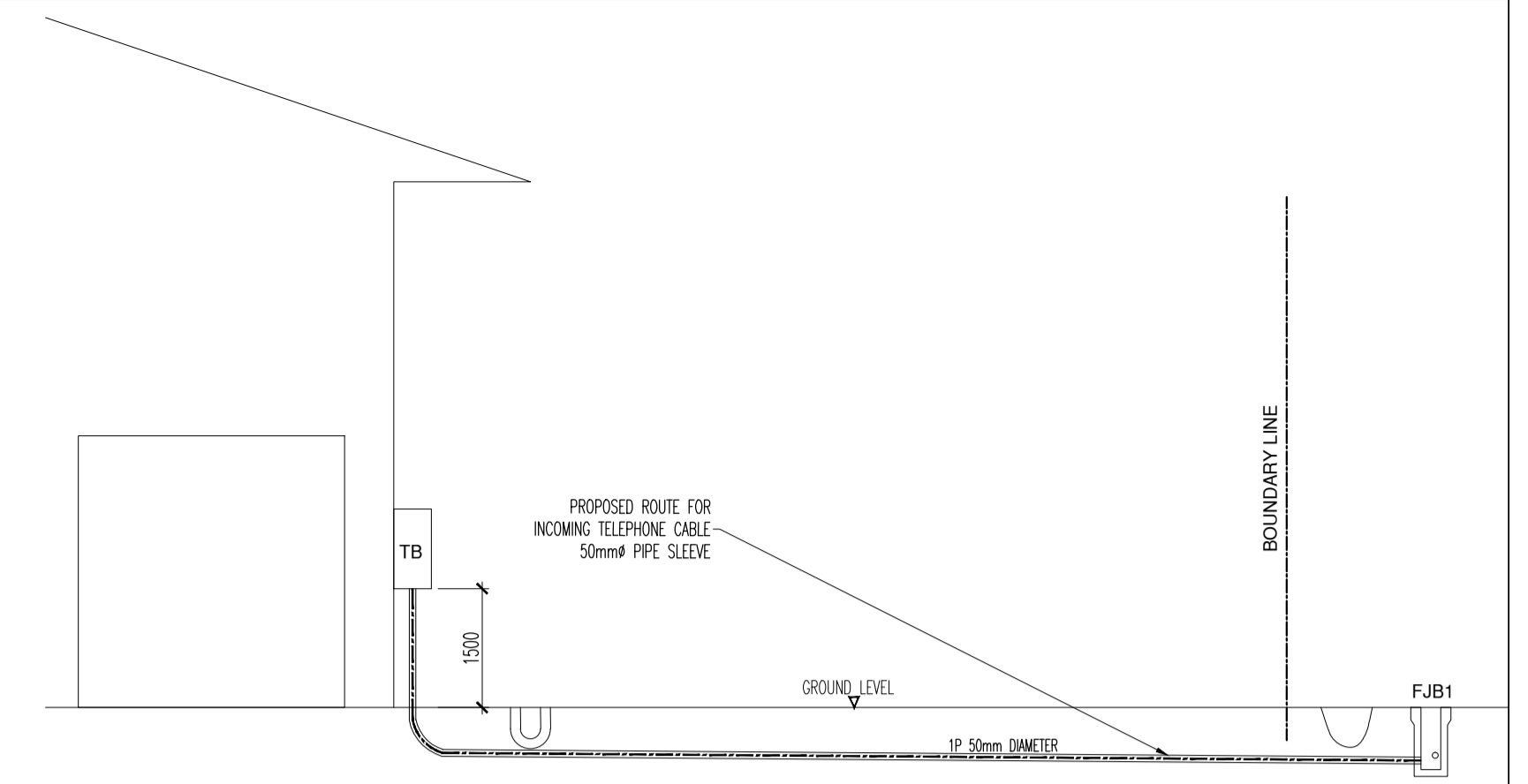
**FIRST FLOOR ELECTRICAL LAYOUT AND REFLECTED CEILING PLAN**  
SCALE 1:100



**GROUND FLOOR WATER SCHEMATIC LAYOUT**  
SCALE 1:100



**FIRST FLOOR WATER SCHEMATIC LAYOUT**  
SCALE 1:100



**TELEPHONE LAYOUT PLAN**  
NOT TO SCALE

**NOTES:**

**ELECTRICAL WORKS**

- ALL ELECTRICAL WORKS SHALL BE CARRIED OUT BY A LICENCED ELECTRICAL SUB-CONTRACTOR WHOSE RESPONSIBILITY SHALL BE TO ENSURE THAT ALL ELECTRICAL WORKS COMPLY WITH ALL REGULATIONS IN FORCE IN BRUNEI.
- THE CONTRACTORS SHALL SUBMIT ALL NECESSARY FORMS, AND DRAWINGS TO THE ELECTRICAL DEPARTMENT FOR APPROVAL.

CR	CEMENT RENDER
SF	SUPERFLEX 3.2mm THK
OSB	OSB/UM BOARD
EDB	ELECTRICAL D.B.
TB	TELEPHONE DB
1	ONE GANG ONE WAY SWITCH
2	TWO GANG ONE WAY SWITCH
3	THREE GANG ONE WAY SWITCH
4	ONE GANG TWO WAY SWITCH
5	ONE GANG ONE WAY SWITCH FOR WATER HEATER
WH	TWIN 1.5A PWR. SKT. OUTLET
15A	15A PWR. SKT. OUTLET
TP	TELEPHONE POINT
TV	T.V. POINT
1 x	1 x LOW BARE FLUO. FIT.
SD	SMOKE DETECTOR
CU	A/C COMPRESSOR UNIT
FCU	LOCATION FOR FAN COOL UNIT
WH	WATER HEATER
PM	PRE-PAD METER
FB	FIRE BLANKET
+	2.5kg CARBON DIOXIDE FIRE EXTINGUISHER FOR CLASS B & C FIRES, OILS, AND ELECTRIC EQUIPMENT
[TB]	OPTICAL FIBER TERMINATION BOX
[ATB]	OPTICAL FIBER TERMINATION BOX
[SC]	SEALING CHAMBER

No.	Date	Revisions

Owner's name & signature:

MUHAMMAD FAIZAL BIN HIJ MU YUSOFF  
(I.C No. 00-291666)

Arkitek:  
Hi Amriddin Abdul Aziz  
B. Arch RIBA, M. PLUJA  
(Reg. No. 01514A)

Mohd Shamsul Bin Hi Abdul Mumin  
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**Arkitek Aziz**  
Chartered Architect  
P.O. Box 1856  
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T:673-2650887  
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**Project:**  
PROPOSED STILT HOUSE ON LOT 28456  
KG. KILANAS, MUKIM KILANAS,  
DAERAH BRUNEI MUARA

**Title:** ELEVATIONS, SECTIONS, REFLECTED CEILING AND ELECTRICAL LAYOUT, DOOR AND WINDOW SCHEDULE, WATER SUPPLY LAYOUT, TELEPHONE LAYOUT

Drawn: SHAM

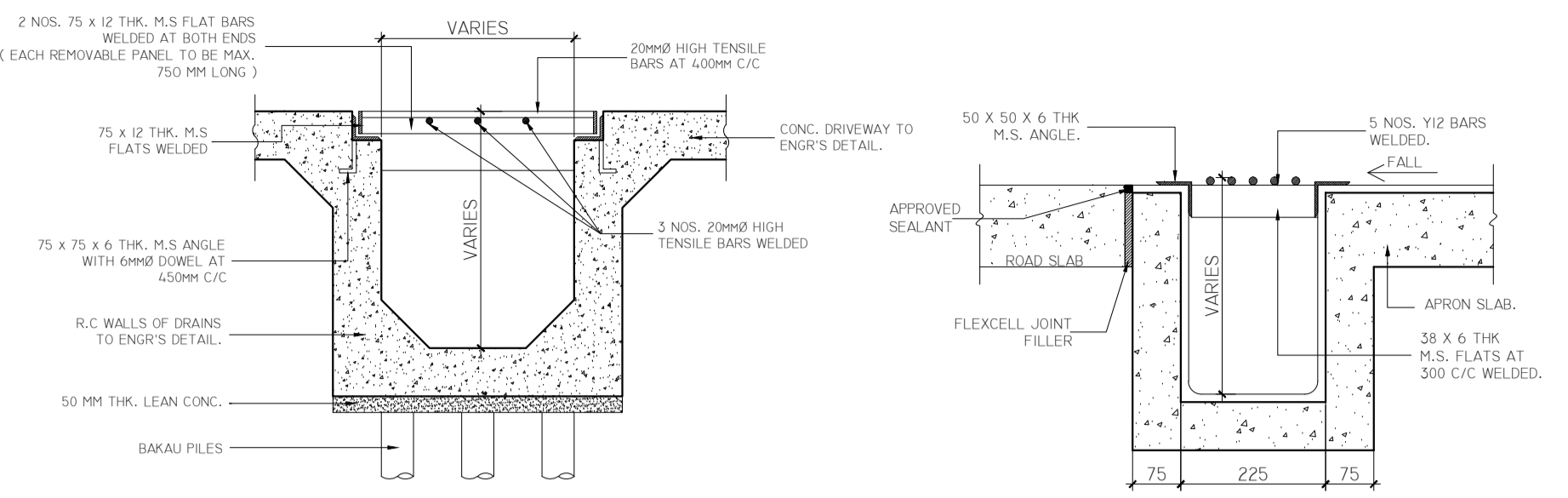
Dwg. No.

Scale: As shown

B743-02

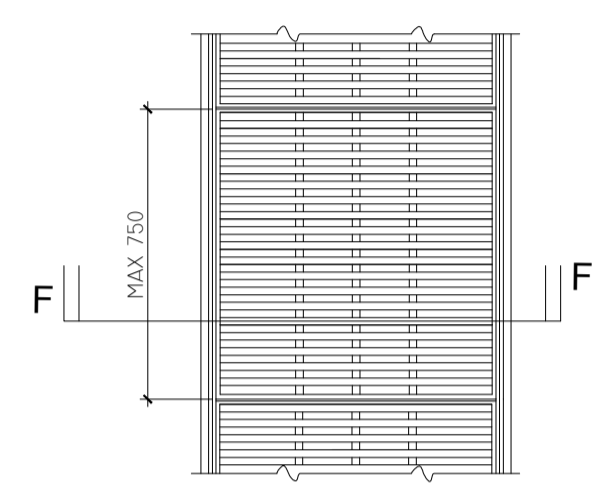
Date: Dec. 2016

Contractor shall check all dimensions and levels on site before work commences. Any discrepancies shall be reported to the Architect immediately. © Arkitek Aziz

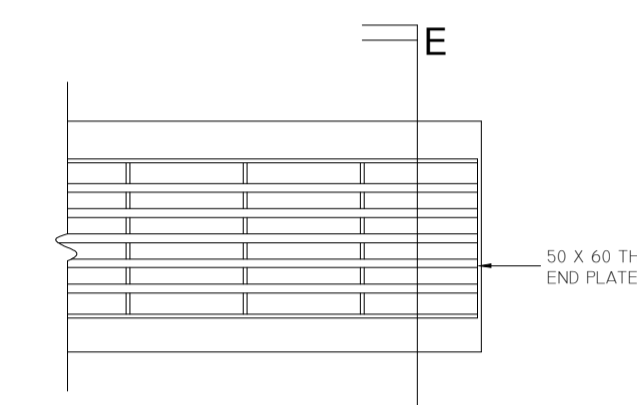


**SECTION F-F**  
TYPICAL HEAVY DUTY GRATING COVER  
SCALE 1:20

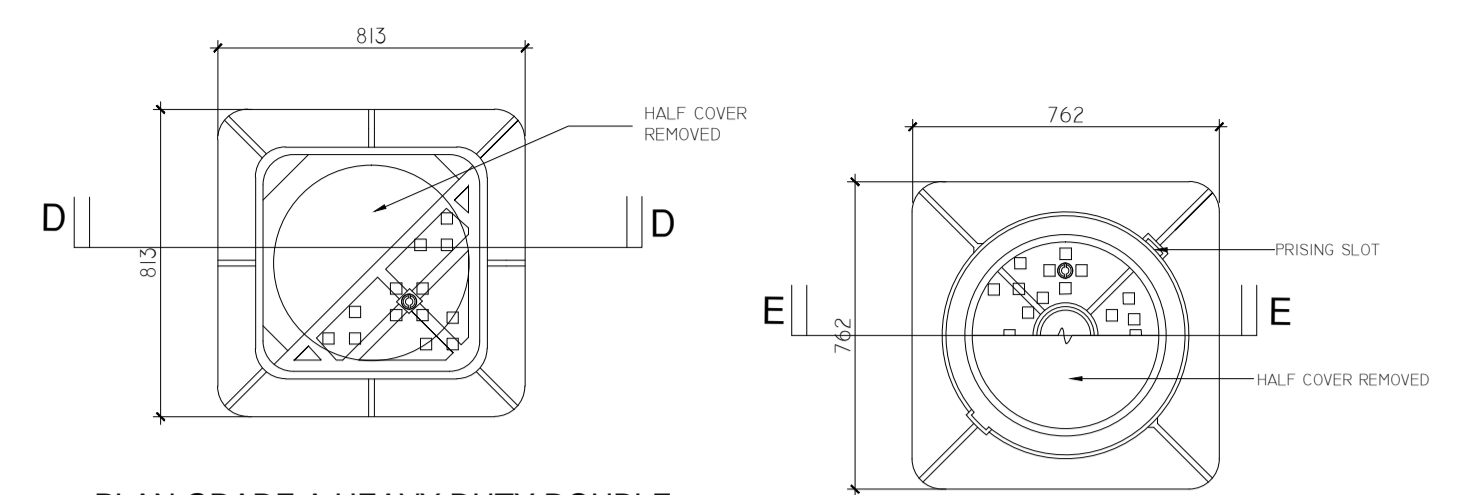
**SECTION E-E**  
TYPICAL MEDIUM DUTY M.S. GRATING  
SCALE 1:10



PLAN  
SCALE 1:20

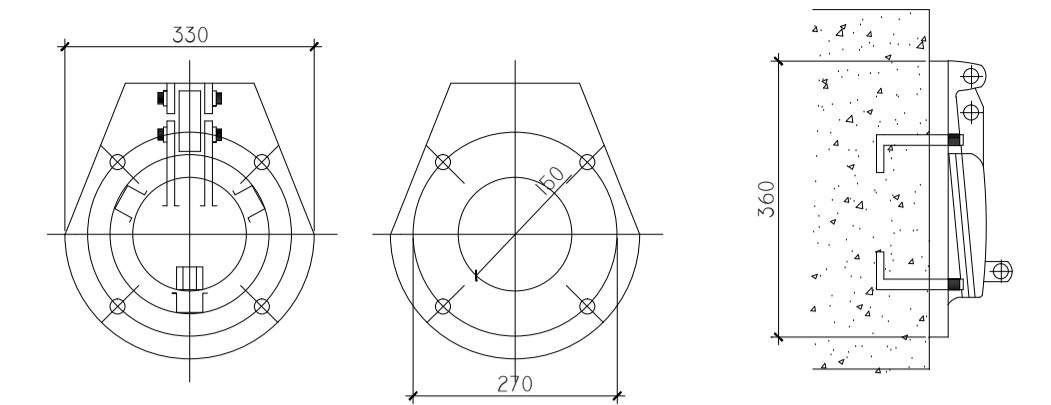


PLAN  
SCALE 1:10



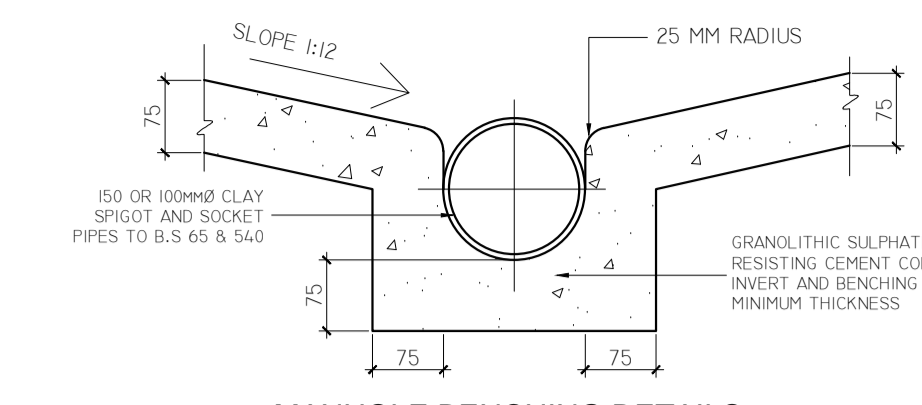
**PLAN GRADE A HEAVY DUTY DOUBLE TRIANGULAR COVER & FRAME**  
NOT TO SCALE

**PLAN GRADE B MEDIUM DUTY CIRCULAR COVER AND FRAME**  
NOT TO SCALE



**FRONT VIEW OF CIRCULAR FLAP VALVE**  
SCALE 1:5

**SIDE VIEW OF CIRCULAR FLAP VALVE**  
SCALE 1:5

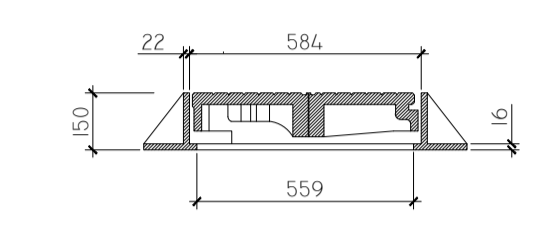


**MANHOLE BENCHING DETAILS**

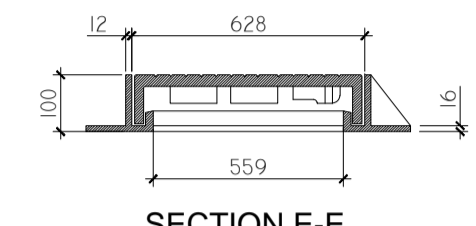
**NOTES FOR BENCHING FOR MANHOLES.**  
THE BENCHING SHOULD RISE VERTICALLY FROM THE TOP OF THE CHANEL A HEIGHT OF NOT LESS THAN THAT OF THE SCAFFOLD OF THE OUTLET AND BE SLOPED UPWARDS AT ABOUT 1:12. IT SHOULD BE THROWELLED TO A SMOOTH HARD SURFACE WITH A COAT OF 1:2 CEM. MORTAR LAID MONOLITHIC WITH THE BENCHING.  
THE VERTICAL PART OF THE BENCHING SHOULD BE ROUNDED OFF TO A RADIUS OF 25mm.

**NOTES FOR MANHOLE FRAME AND COVER.**  
THESE MUST BE DUCTILE IRON AND MEET THE REQUIREMENTS OF BS. 497-1976. (MINIMUM GRADE B)

**NOTES FOR MANHOLE FRAME AND COVER.**  
THESE MUST BE DUCTILE IRON AND MEET THE REQUIREMENTS OF BS-ED 124 CLASS B125. (MINIMUM GRADE B)

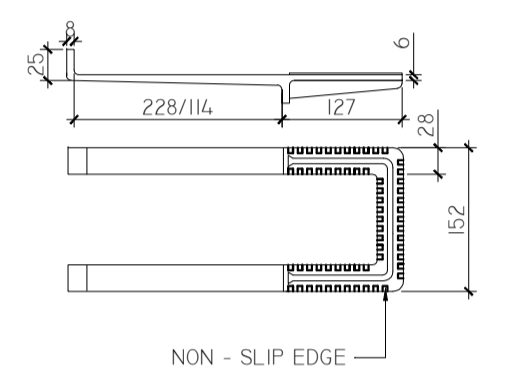


**SECTION D-D**  
NOT TO SCALE

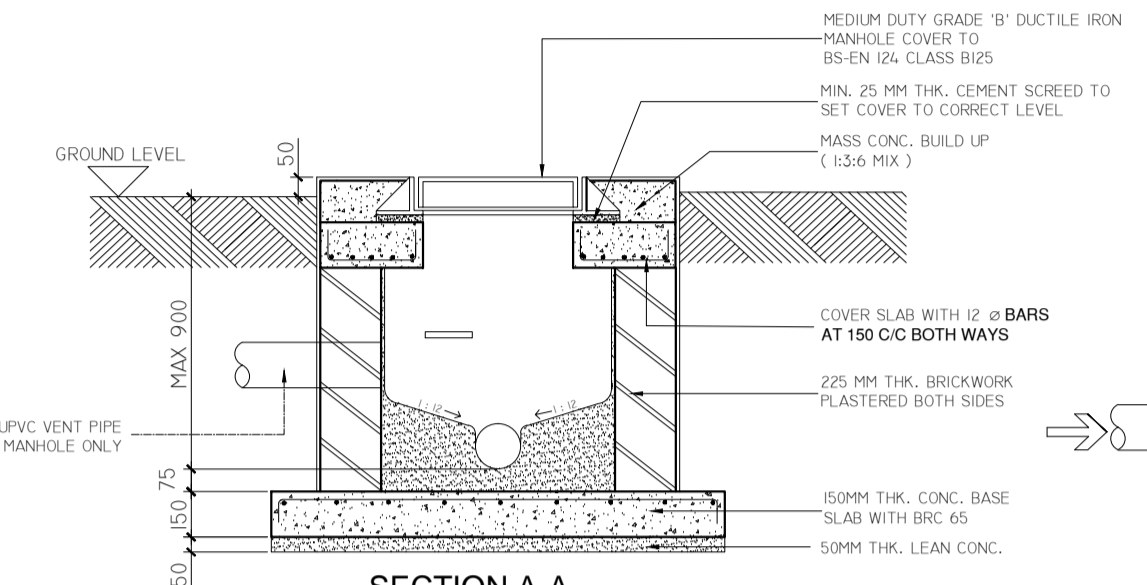


**SECTION E-E**  
NOT TO SCALE

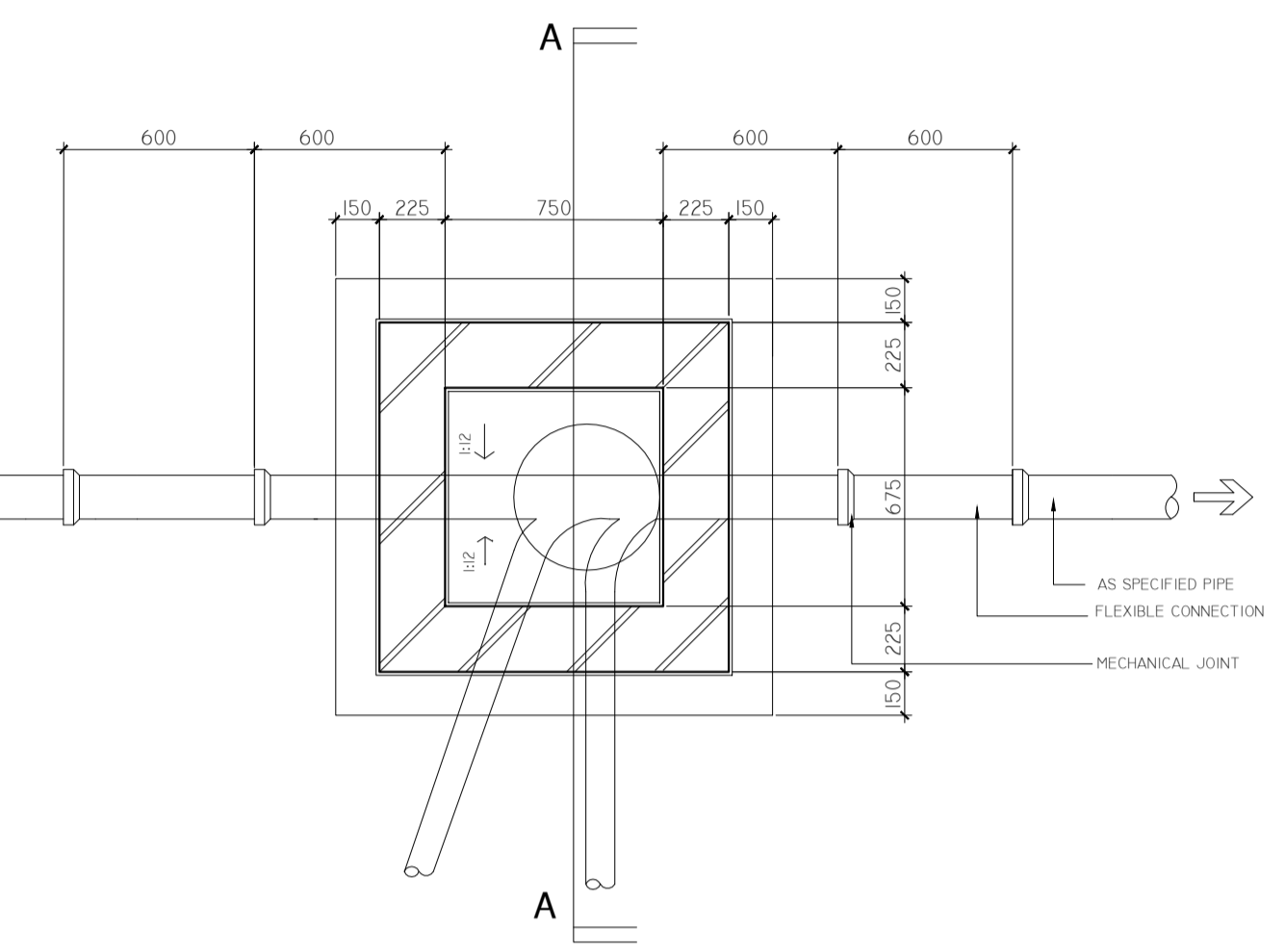
**NOTES FOR MANHOLE FRAME AND COVER.**  
THESE MUST BE DUCTILE IRON AND MEET THE REQUIREMENTS OF BS-ED 124 CLASS B125. (MINIMUM GRADE B)



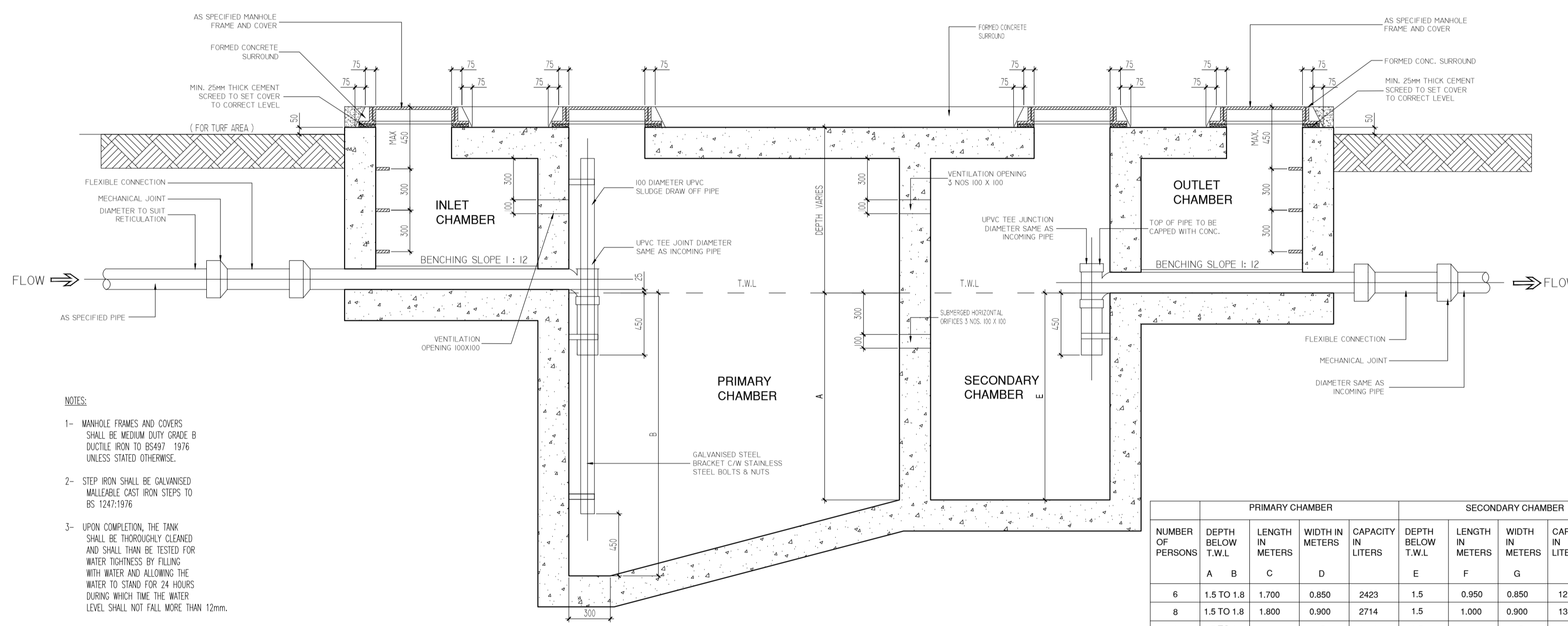
**STEP IRON DETAILS**  
NOT TO SCALE



**SECTION A-A**  
SCALE 1:25

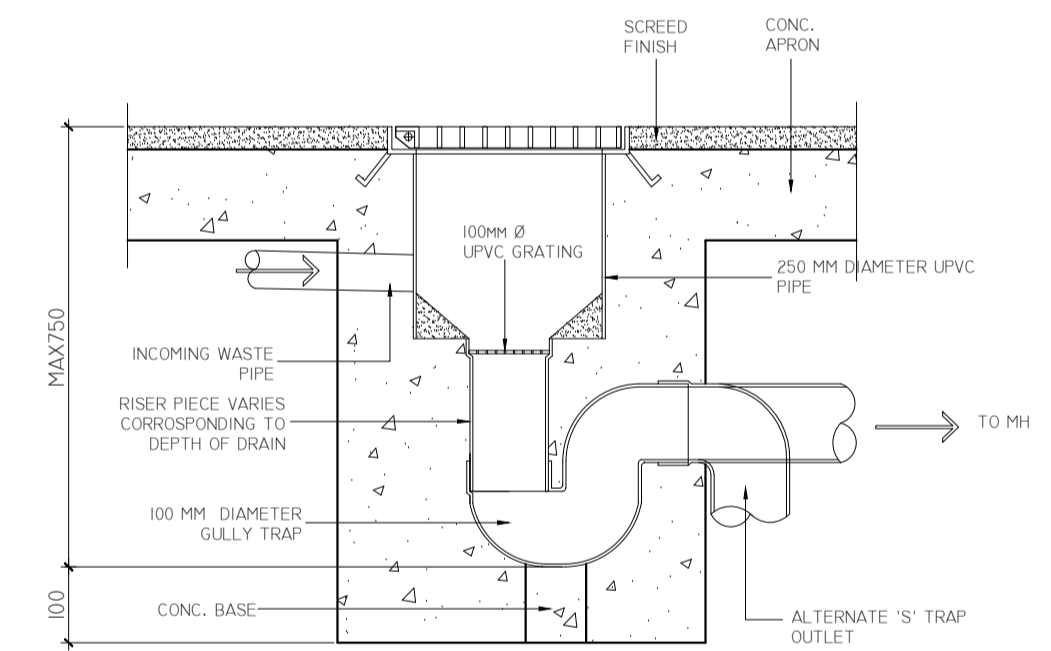


**PLAN TYPE A MANHOLE (MAX DEPTH 900 MM)**  
SCALE 1:25

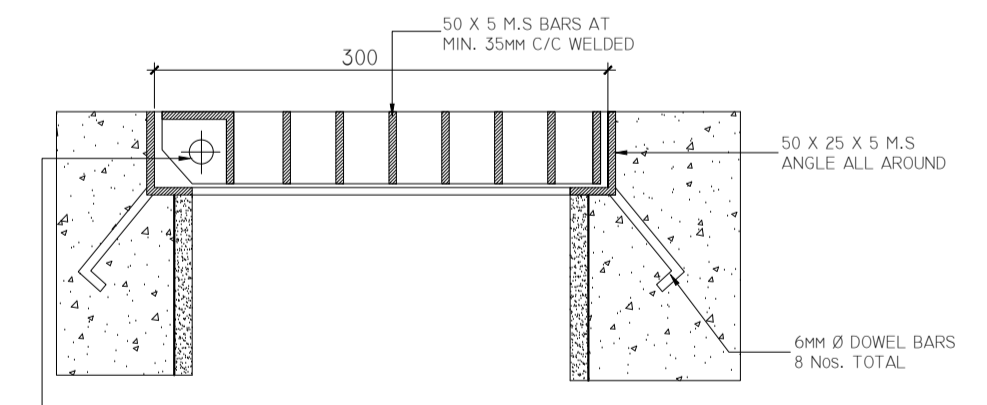


NUMBER OF PERSONS	PRIMARY CHAMBER				SECONDARY CHAMBER				TOTAL CAPACITY BOTH TANKS
	DEPTH BELOW T.W.L.	LENGTH IN METERS	WIDTH IN METERS	CAPACITY IN LITERS	DEPTH BELOW T.W.L.	LENGTH IN METERS	WIDTH IN METERS	CAPACITY IN LITERS	
6	1.5 TO 1.8	1.700	0.850	2423	1.5	0.950	0.850	1211	3634
8	1.5 TO 1.8	1.800	0.900	2714	1.5	1.000	0.900	1350	4064
10	1.5 TO 1.8	1.900	0.950	3021	1.5	1.050	0.950	1496	4517
12	1.5 TO 1.8	2.000	1.000	3345	1.5	1.100	1.000	1650	4995
14	1.5 TO 1.8	2.100	1.050	3686	1.5	1.150	1.050	1811	5497
16	1.5 TO 1.8	2.200	1.100	4043	1.5	1.200	1.100	1980	6023
18	1.5 TO 1.8	2.300	1.150	4416	1.5	1.250	1.150	2156	6572
20	1.5 TO 1.8	2.400	1.200	4806	1.5	1.300	1.200	2340	7146

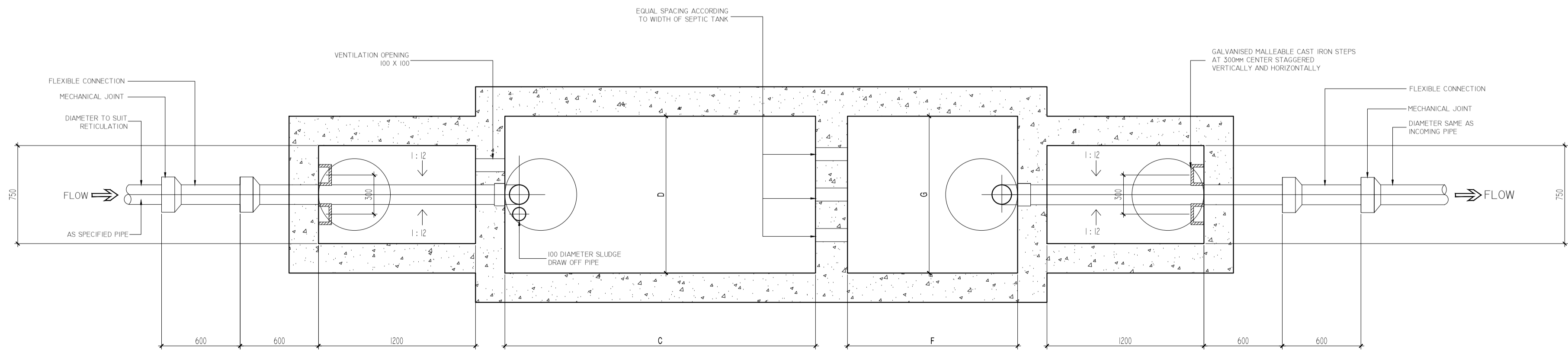
- NOTES:**
- MANHOLE FRAMES AND COVERS SHALL BE MEDIUM DUTY GRADE B DUCTILE IRON TO BS497-1976 UNLESS STATED OTHERWISE.
  - STEP IRON SHALL BE GALVANIZED MALLEABLE CAST IRON STEPS TO BS 1247:1976
  - UPON COMPLETION, THE TANK SHALL BE THOROUGHLY CLEANED AND SHALL THEN BE TESTED FOR WATER TIGHTNESS BY FILLING WITH WATER AND ALLOWING THE WATER TO STAND FOR 24 HOURS DURING WHICH TIME THE WATER LEVEL SHALL NOT FALL MORE THAN 12mm.
  - THE NEW TANK SHALL BE FILLED WITH NEW WATER AND SEEDED 5% WITH SLUDGE FROM AN EXISTING TANK.
  - SLUDGE WITHDRAW OFF PIPE TO BE INSTALLED AT PRIMARY CHAMBER AND UNDER MANHOLE COVER.



**TYPICAL GULLY TRAP DETAIL FOR APRON AND WALKWAY AREAS**  
SCALE 1:10



**GULLY GRATING SECTION DETAIL**  
SCALE 1:5



**GULLY GRATING PLAN**  
SCALE 1:5

No.	Date	Revisions
Owner's name & signature:		
MUHAMMAD FAIZAL BIN HJ MD YUSOFF (I.C No. 00-291666)		
Arkitek: Hj. Amraddin Abdul Aziz B. Arch RIBA, M. PLUJ (Reg. No. 01514A)		
Mohd Shamsul Bin Hj Abdul Mumin (Reg. No. 2BD1424)		
Chartered Architect P.O. Box 1656 Bandar Seri Begawan BS8673		
T: 673-2650887 F: 673-2651492 F: 673-2672504		
Project: PROPOSED STILT HOUSE ON LOT 28456 K.G. KILANAS, MUKIM KILANAS, DAERAH BRUNEI MUARA		
Title: STANDARD DETAILS		
Drawn: SHAM	Dwg. No. B743-03	
Scale: As shown		
Date: Dec. 2016		

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