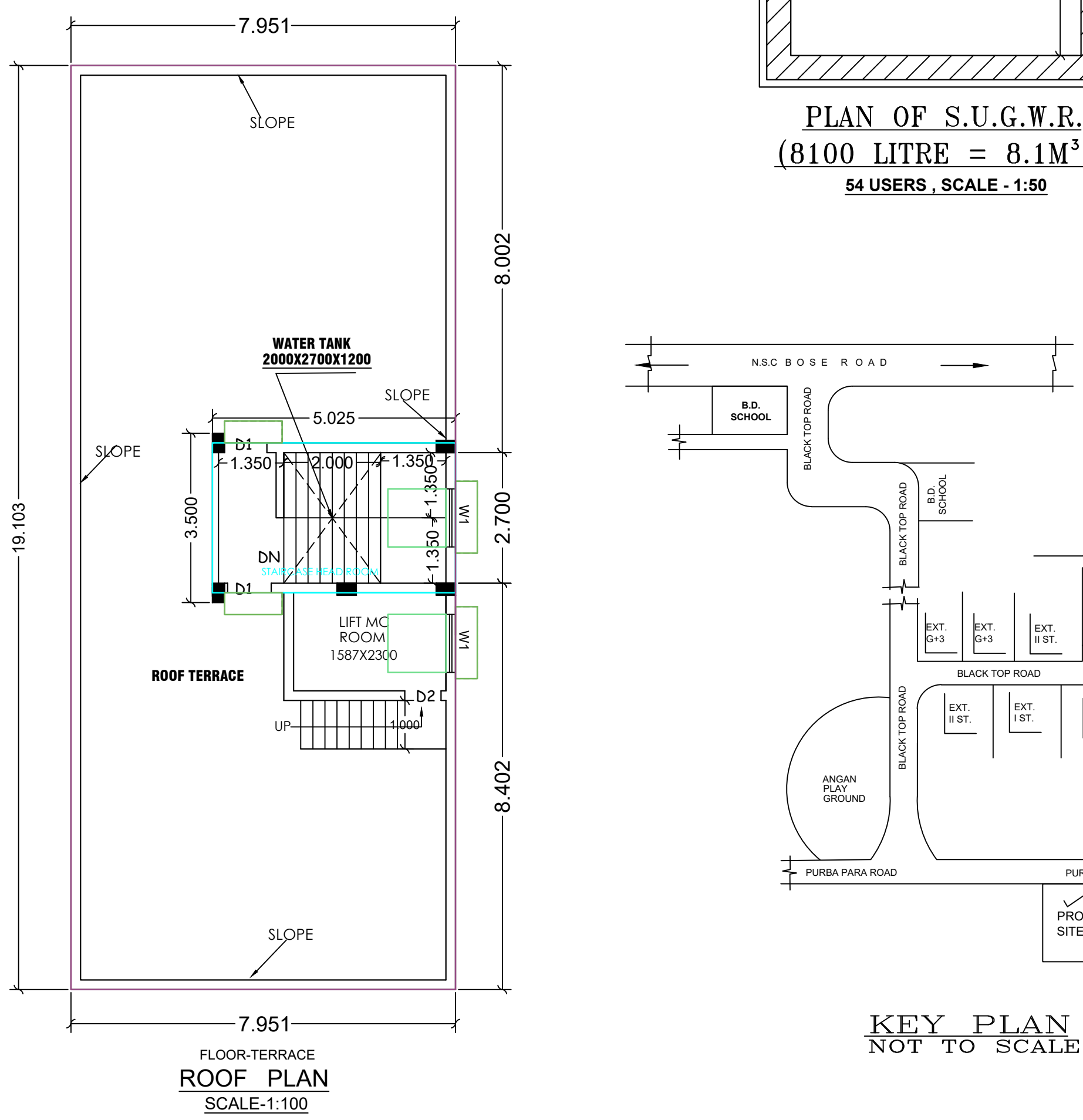
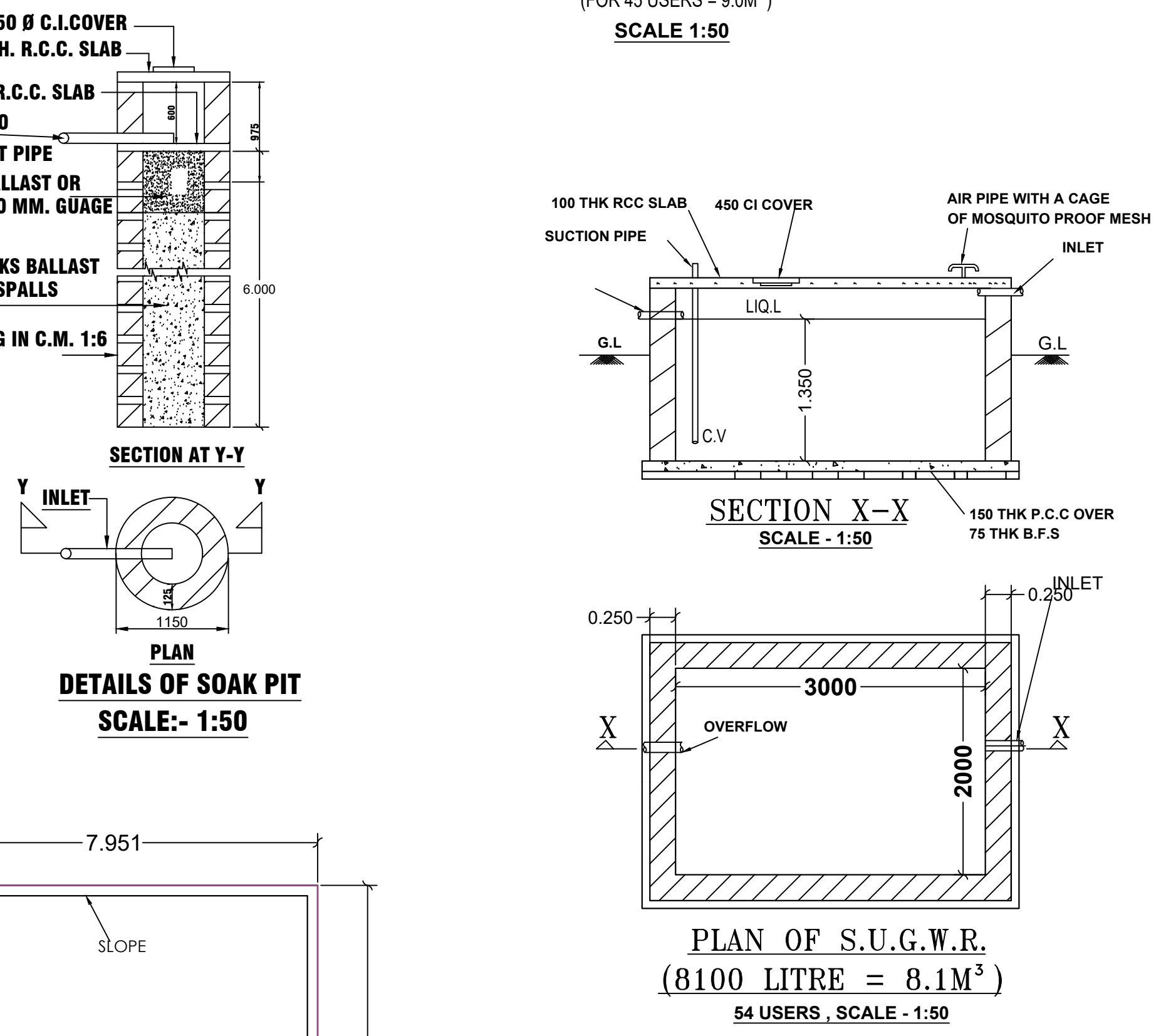
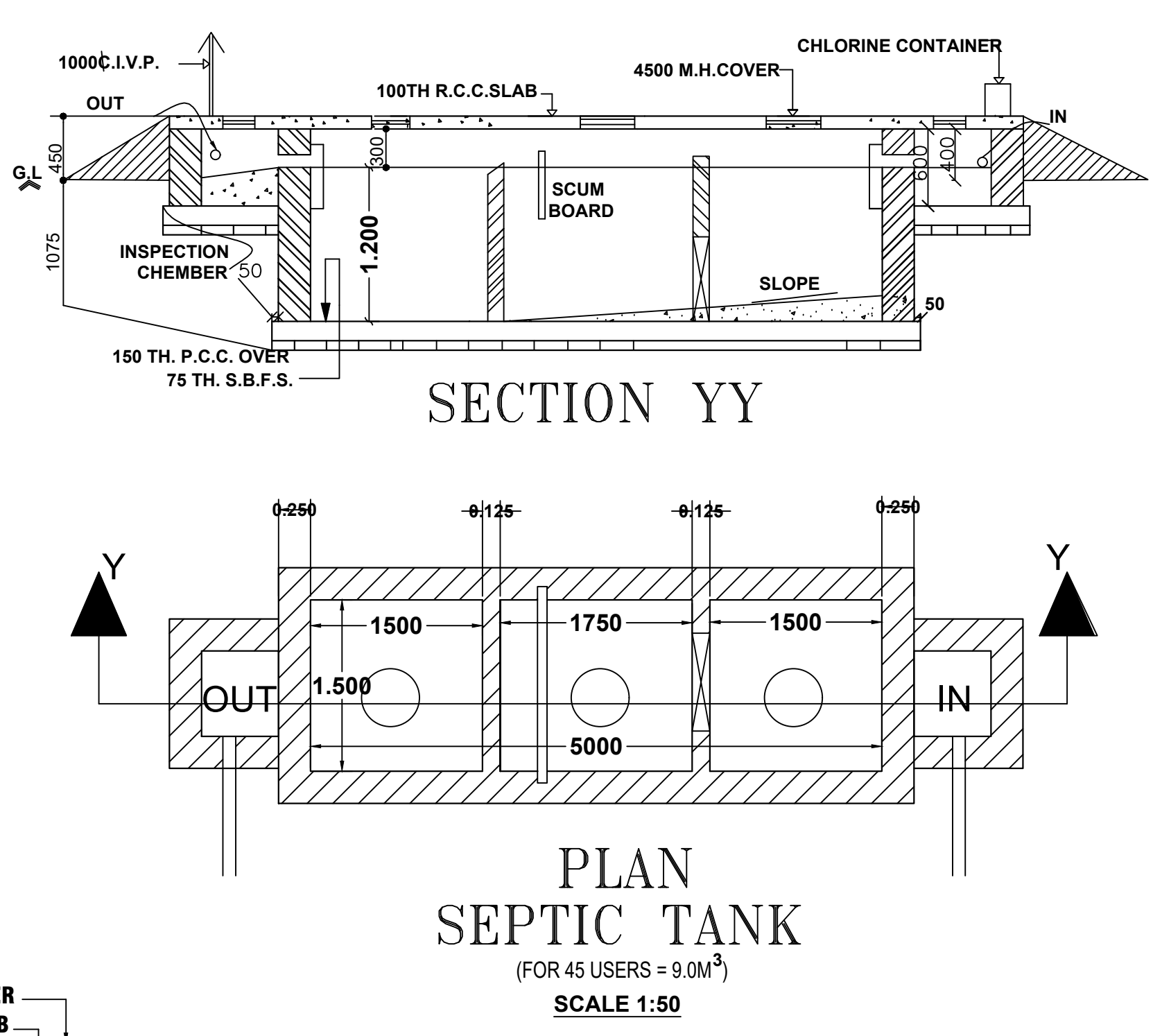




<u>DECLARATION OF E.S.E.</u> IT IS CERTIFIED THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF RAIPUR-SONARPUR MUNICIPALITY. BLDG. RULES AS AMENDED FROM TIME TO TIME AND THAT SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING 3.657 M B.T ROAD CONFORMED WITH THE PLAN & CERTIFIED THAT IT IS A BUILDABLE SITE AND IT IS INFORMED BY THE OWNER THAT IT IS NOT A TANK OR FILLED UP TANK. THE PLOT IS DEMARCATED BY BOUNDARY WALL.	<u>DECLARATION OF GEO-TECH.</u> UNDERSIGNED HAS INSPECTED THE SITE CARRIED OUT THE SOIL INVESTIGATION THEREIN. IT IS CERTIFIED THAT THE EXISTING SOIL OF THE SITE IS ABLE TO CARRY THE LOAD COMING FROM THE PROPOSED CONSTRUCTION. THE FOUNDATION SYSTEM PROPOSED THEREIN IS SAFE & STABLE IN ALL RESPECT FROM GEO TECHNICAL POINT OF VIEW.
<u>DECLARATION OF E.B.A & E.B.S</u> IT IS CERTIFIED THAT THE BUILDING PLAN HAS BEEN DRAWN UP AS PER PROVISION OF RAIPUR-SONARPUR MUNICIPALITY. BLDG. RULES AS AMENDED FROM TIME TO TIME AND THAT SITE CONDITION INCLUDING THE WIDTH OF THE ABUTTING 6.00 M B.T ROAD CONFORMED WITH THE PLAN & CERTIFIED THAT IT IS A BUILDABLE SITE AND IT IS INFORMED BY THE OWNER THAT IT IS NOT A TANK OR FILLED UP TANK. THE PLOT IS DEMARCATED BY BOUNDARY WALL.	<u>DECLARATION OF GEO-TECH.</u>

AREA DATA		FLOOR		TYPE OF FL		C.B. AREA STATEMENT			
Area of Land (As Per Deed)		1ST FLOOR		2ND FLOOR		FLOOR PRO. L. AREA		PER C.B. AREA	
Assessment Record		= 273.133 SQM. (04 K - 01CH - 15 SFT.)		= 127.87 SQM. (03 K - 01CH - 15 SFT.)		1ST		151.890 SQM.	
Actual Area of Land(As Per Physical)		= 272.980 SQM. (04 K - 01CH - 13 SFT.)		= 127.870 SQM. (03 K - 01CH - 15 SFT.)		2ND		151.890 SQM.	
GIFT OF LAND FOR WIDENING ROAD		= 8.36 SQM.		= 8.36 SQM.		Total		455.670 SQM.	
NET LAND AREA		= 264.62 SQM.		= 136.23 SQM.		FLOOR PRO. L. AREA		PER C.B. AREA	
Permissible Ground Coverage		= 147.476 SQM. (61.351 %)		= 147.476 SQM. (61.351 %)		1ST		151.890 SQM.	
Proposed Ground Coverage		= 151.890 SQM. (55.641 %)		= 151.890 SQM. (55.641 %)		2ND		151.890 SQM.	
Permissible F.A.R		= 1.75		= 1.75		Total		455.670 SQM.	
Permissible Building Height		= 12.5 M		= 12.5 M		FLOOR PRO. L. AREA		PER C.B. AREA	
Proposed Building Height		= 12.5 M		= 12.5 M		1ST		151.890 SQM.	
No of Flats =		= 06 NOS.		= 06 NOS.		2ND		151.890 SQM.	
No of Shop/Commercial		= 01 NOS SHOPS AND 01 OFFICE		= 01 NOS SHOPS AND 01 OFFICE		Total		455.670 SQM.	
Total no of Parking Provided		= 03 NOS		= 03 NOS		Total Area of C.B & LOFT		7.320+5.400 = 12.720 SQM.	

BLOCK AREA CALCULATION											
GR. FL.	TOTAL AREA SQM	LIFT AREA SQM	Actual Floor area with (Duct) SQM	Resi Mandatory Area (inside) SQM	Lift Lobby SQM	Area Excluding (Stair+Lift Lobby) SQM	Service Area SQM.	Commercial SQM	Car parking SQM	Cup Board Loft Area	Actual Residential (With out Lift+Stair+Lift Lobby)
GR. FL.	147.560 SQM	NIL	147.560 SQM	12.690 SQM	2.090	132.780 SQM				NIL	
1ST FL	151.890 SQM	1.810	150.080 SQM	12.690 SQM	2.090	135.300 SQM	15.470 SQM	SHOP - 14.68 OFFICE- 26.79	63.74	CB - 2.440 SQM CB - 1.800 SQM	(151.890 - (12.690+1.810+ 2.090) = 135.300 SQ
2ND FL	151.890 SQM	1.810	150.080 SQM	12.690 SQM	2.090	135.300 SQM		TOTAL - 47.47		CB - 2.440 SQM CB - 1.800 SQM	(151.890 - (12.690+1.810+ 2.090) = 135.300 SQ
3RD FL	151.890 SQM	1.810	150.080 SQM	12.690 SQM	2.090	135.300 SQM				CB - 2.440 SQM CB - 1.800 SQM	(151.890 - (12.690+1.810+ 2.090) = 135.300 SQ
TOTAL	601.290 SQM	5.470	602.800 SQM	62.760 SQM	8.260	636.800 SQM	15.470 SQM		63.74 SQM		TOTAL AREA = 405.900 SQ

Residential Car parking Calculation

No of Car Parking Requirement = Actual Residential Area / 130

TOTAL RESIDENTIAL AREA = 405.900 SQM. / 130 = 3.122 NOS. SAY = 03 NOS.

No of Car Parking COMMERCIAL = NIL NOS. CAR

No of Car Parking Mandatory = 03 NOS. CAR

Commercial Car Parking Calculation = NIL

No of Car Parking Requirement = 03 NOS

No of Car Parking Provided = 03 NOS.

ENTRANCE LOBBY = 6.86 sqm

F.A.R CALCULATION

Total Area Excluding (Car Parking/Stair well) =	$\frac{\text{TOTAL FLOOR} - (\text{LIFT WELL} + \text{STAIR} + \text{LIFT LOBBY} + \text{PARK})}{272.980}$	$= \frac{\{ 603.230 - (5.430 + 50.760 + 8.360 + 63.74) \}}{272.980} = 1.739 < 1.75$
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* SHOP AREA /COMMERCIAL AREA	=	41,470 SQM	OFFICE USE
* REST OF FLOOR AREA AREA (603.230 - 41.47)	=	561,760 SQM	
* CB & LOFT AREA	=	12,720 SQM	
TOTAL AREA	=	615,950 SQM	

<u>NOTES.</u>	
1. ALL DIMENSIONS ARE IN M.M. UNLESS NOTED OTHERWISE	
2. THE DRAWING IS DEVELOPED AS PER SITE PLAN	
3. FINISH CLASS SURFACE ARE TO BE USED	
4. ALL PARAPETALS ARE 200 M.M. THICK.	
5. ALL PARTITIONS WALLS ARE 125 & 75 M.M. THICK.	
6. GRADE OF CONCRETE IS M-20 (1:1.5:3).	
7. GRADE OF STEEL IS Fe-415.	
8. CLEAR COVER TO MAIN REINFORCEMENT:-	
a) FOOTING = 50 M.M.(b) COLUMN=40 M.M.(c)BEAM = 25 M.M.	

SPECIFICATION.	
9.	DEPTH OF SEPTIC TANK WILL NOT BE EXCEEDED THE DEPTH OF FOUNDATION
10	PROPORTION TO BARRICK- (a) PLINTH- 1:4 (b) SUPERSTRUCTURE = 1:8
11	125 M.M. AND 75 M.M. THICK WORK CEMENT SAND MORTAR 1:4
12.	TRADE = 250 M. M. AND RISE = 150 M.M.
13.	16 M.M. THICK OUTSIDE PLASTER WITH CEMENT SAND MORTAR 1:5
14.	12 M.M. THICK INSIDE PLASTER WITH CEMENT SAND MORTAR 1:5
15.	6 M.M. THICK PLASTER OVER R.C.C. WORK WITH CEMENT SAND MORTAR 1:4
16.	ALL OTHER RECOMMENDATION AS PER I.S. CODE.

