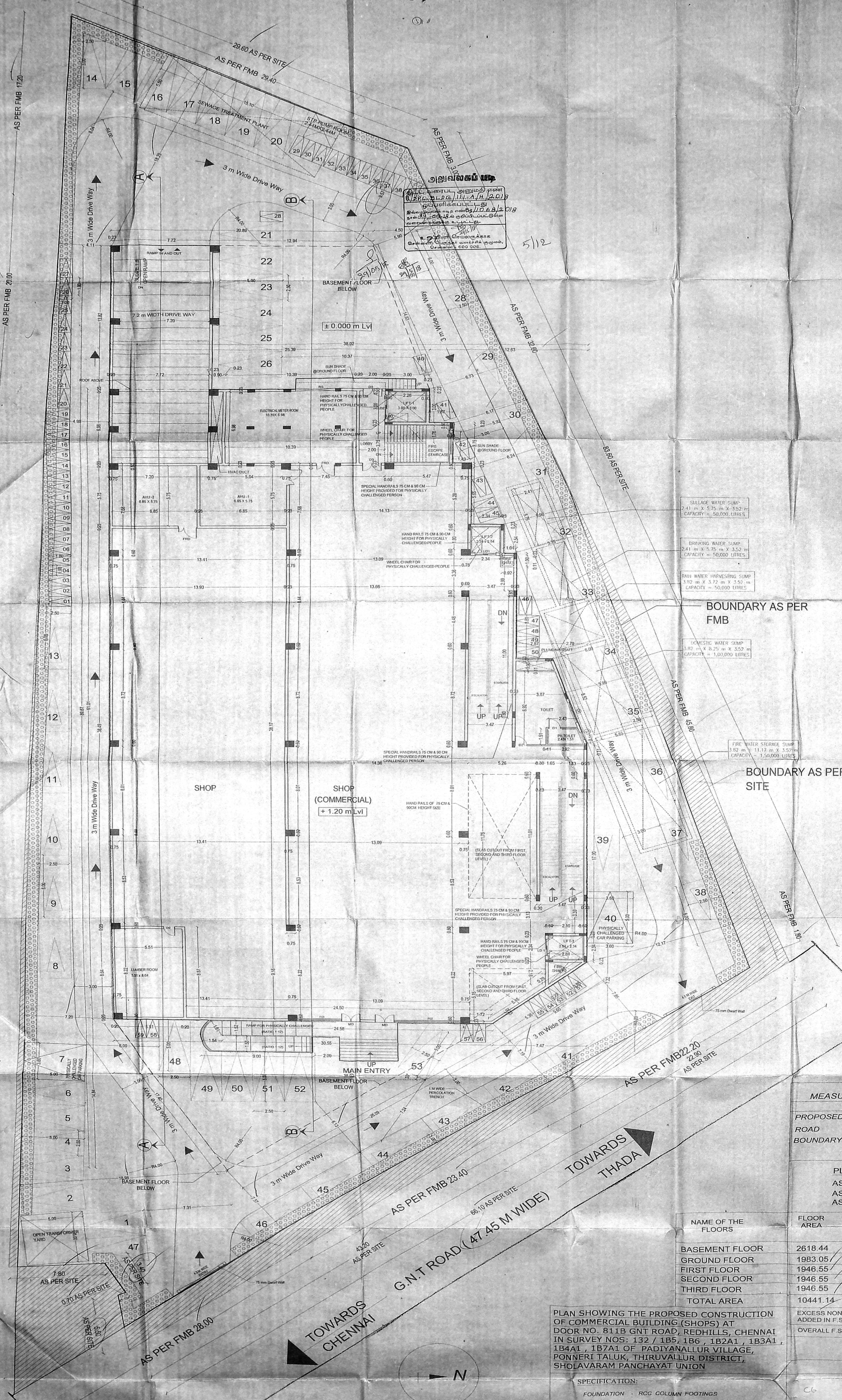


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- CHALICE WATER TANK  
2.41 m x 5.75 m x 1.52 m  
CAPACITY = 50,000 LITRES
- BREWING WATER TANK  
2.41 m x 5.75 m x 3.52 m  
CAPACITY = 50,000 LITRES
- RAIN WATER HARVESTING TANK  
3.92 m x 3.72 m x 3.52 m  
CAPACITY = 50,000 LITRES
- DOMESTIC WATER TANK  
3.92 m x 3.72 m x 3.52 m  
CAPACITY = 1,00,000 LITRES
- FIRE WATER STORAGE TANK  
3.92 m x 3.72 m x 3.52 m  
CAPACITY = 1,00,000 LITRES

**SCHEDULE OF JOINERY**

R.S	ROLLING SHUTTER	3.00 x 2.40
R.S1	ROLLING SHUTTER	2.00 x 2.40
MD	MAIN DOOR	1.82 x 2.74
LD1	LIFT DOOR	1.86 x 2.13
LD2	LIFT DOOR	2.26 x 2.13
D1	DOOR	1.05 x 2.13
D2	DOOR	0.91 x 2.13
D3	DOOR	1.50 x 2.13
FRD	FIRE RATED DOOR	1.50 x 2.13
W1	WINDOW	1.83 x 1.20
W2	WINDOW	2.00 x 1.20
V	VENTILATOR	2.00 x 0.60
V1	VENTILATOR	0.75 x 0.60
FG1	FIXED GLASS	3.54 x 1.80
FG2	FIXED GLASS	5.25 x 1.80

SCALE: 1:100  
 MEASUREMENTS ARE IN METRES  
 COLOUR INDEX

PROPOSED ROAD BOUNDARY

**AREA STATEMENT**

PLOT EXTENT	SQ.M
AS PER SITE(SUP)	4644.81
AS PER PATTI	4726.00
AS PER DOCUMENT	4734.78

NAME OF THE FLOORS	FLOOR AREA	10% NON F.S.I AREA	FIRE ESCAPE STAIR CASE AS NON F.S.I AREA	F.S.I AREA
BASEMENT FLOOR	2618.44			
GROUND FLOOR	1983.05	200.28	19.12	1763.65
FIRST FLOOR	1946.55	202.46	19.12	1724.97
SECOND FLOOR	1946.55	202.46	19.12	1724.97
THIRD FLOOR	1946.55	202.46	19.12	1724.97
TOTAL AREA	10441.14	807.66	76.48	6938.56

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING (SHOPS) AT DOOR NO. 81/B GNT ROAD, REDHILLS, CHENNAI IN SURVEY NOS: 132 / 185 1B6, 1B2A1, 1B3A1, 1B4A1, 1B7A1 OF PADIYANALLUR VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT, SHOLAVARAM PANCHAYAT UNION

- SPECIFICATION:**
- FOUNDATION - RCC COLUMN FOOTINGS
  - BRICK WORK - C.M 1:6 FOR SUPER STRUCTURE
  - PLASTERING - C.M 1:5 FOR WALLS & 1:3 FOR CEILING
  - FLOORING - MOSAIC FLOORING
  - CEMENT PAINT - TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING
  - R.C.C - M25 GRADE FOR ALL CONCRETE WORKS
  - WOOD WORK - ALL WOOD WORKS IN BEST QUALITY TIMBER
  - WEATHERING COURSE - AS PER NATIONAL BUILDING CODE

EXCESS NON F.S.I AREA WILL BE ADDED IN F.S.I AREA 113.66  
 OVERALL F.S.I AREA 7052.22

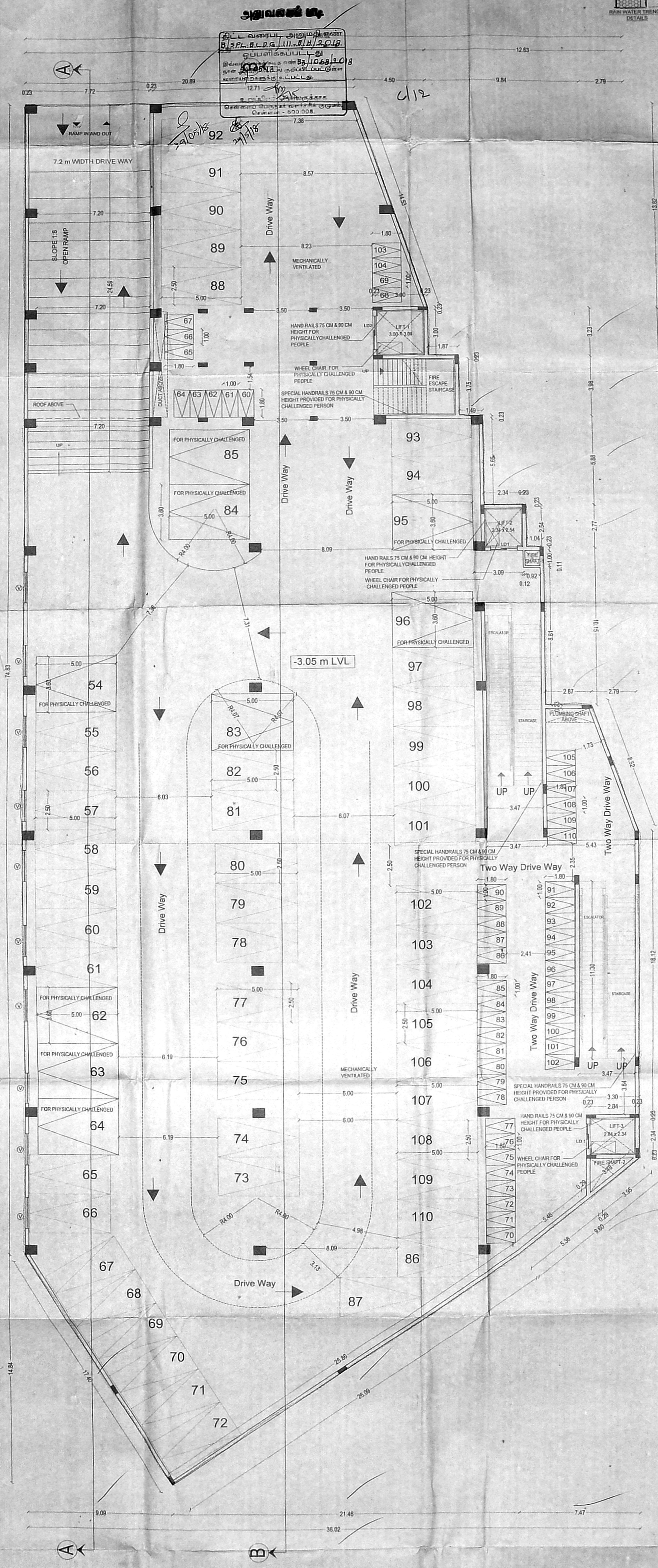
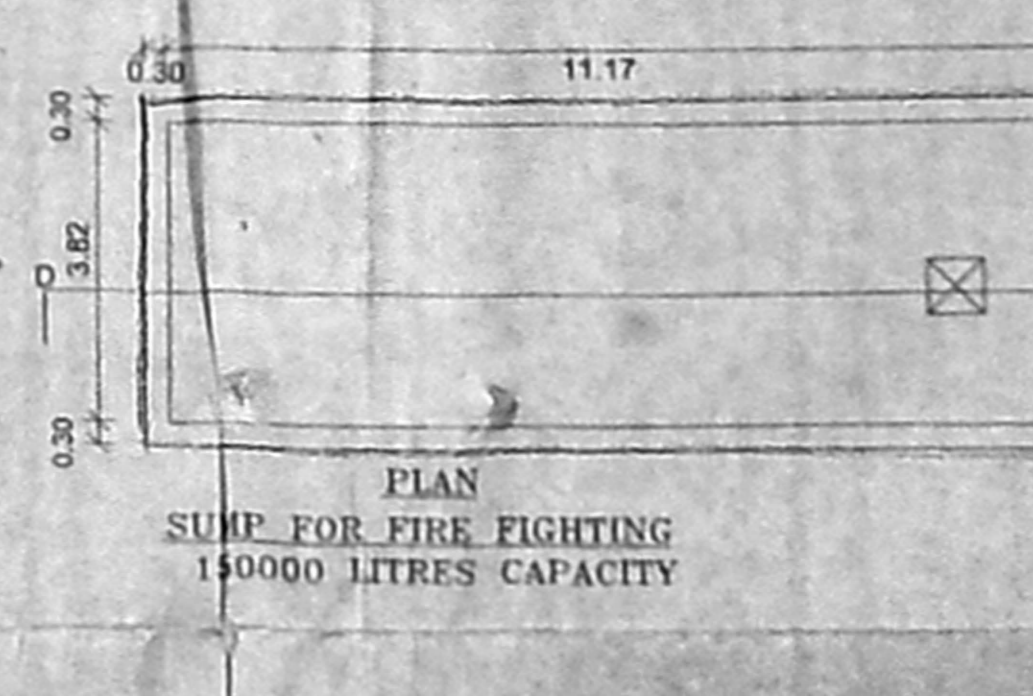
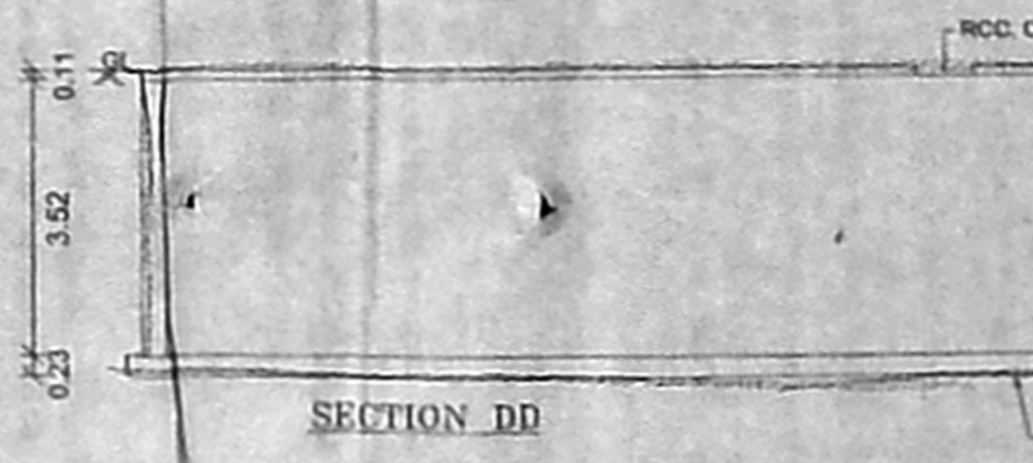
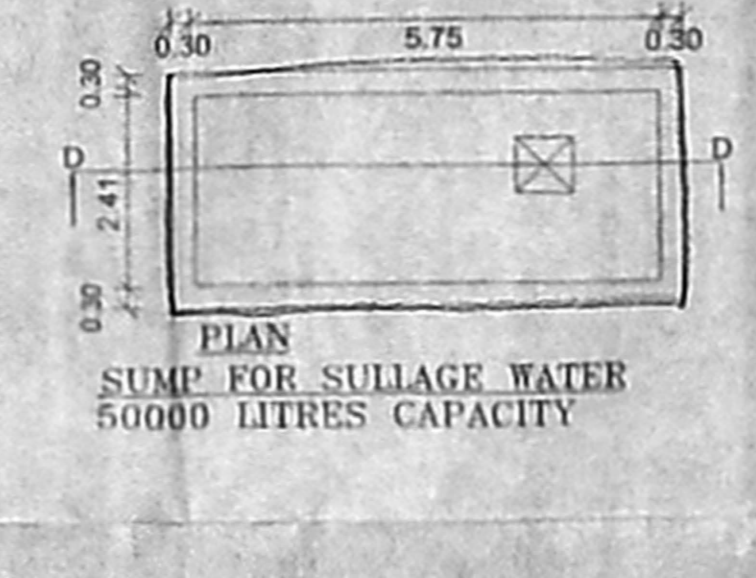
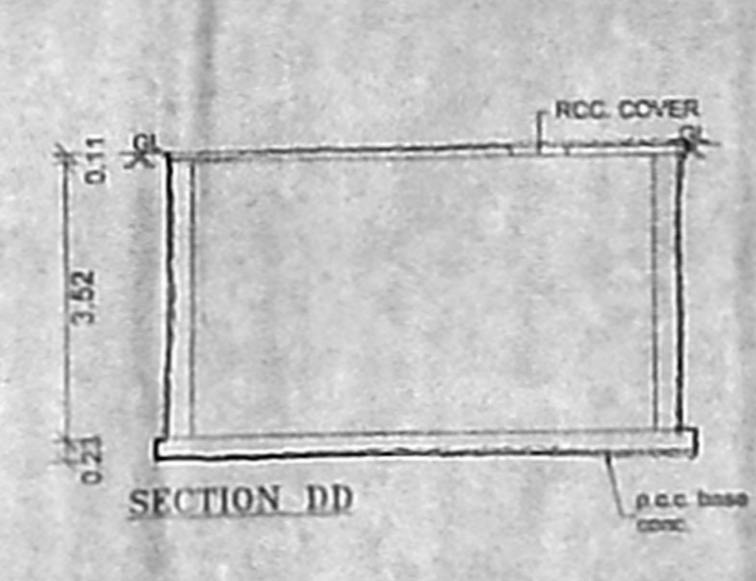
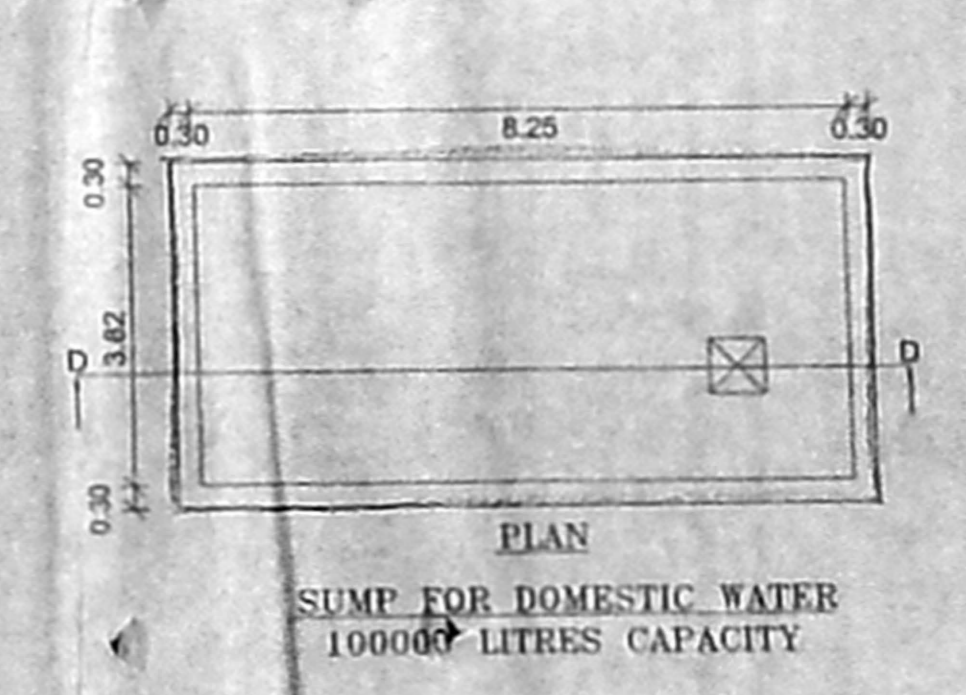
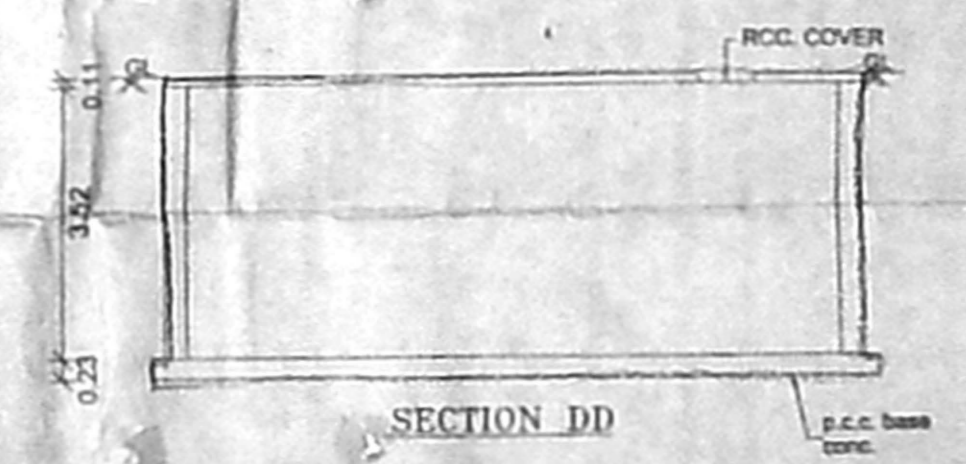
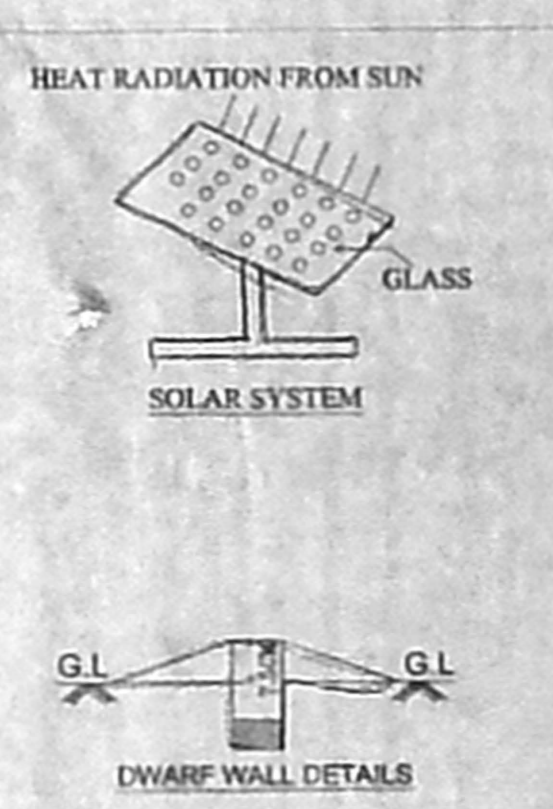
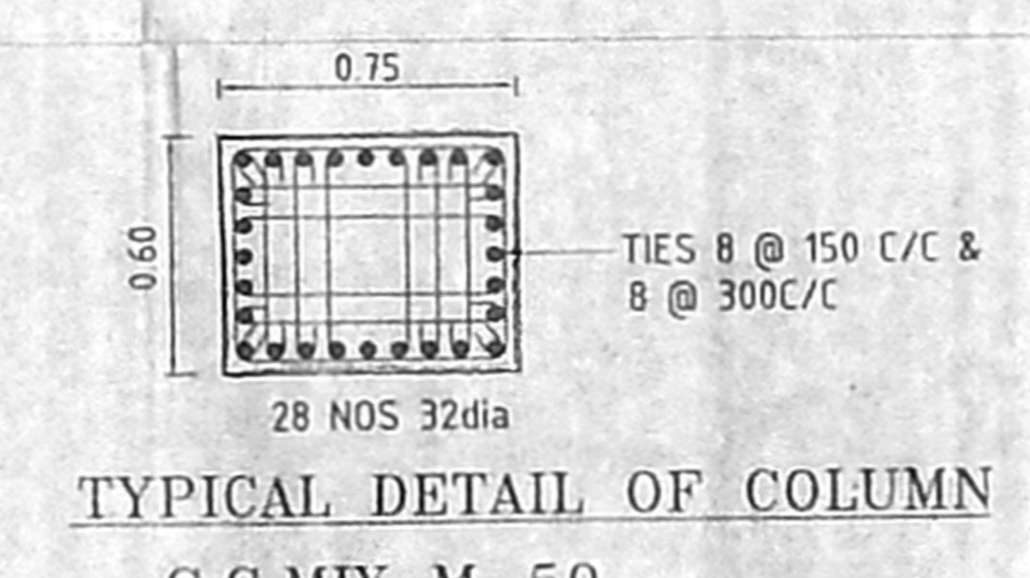
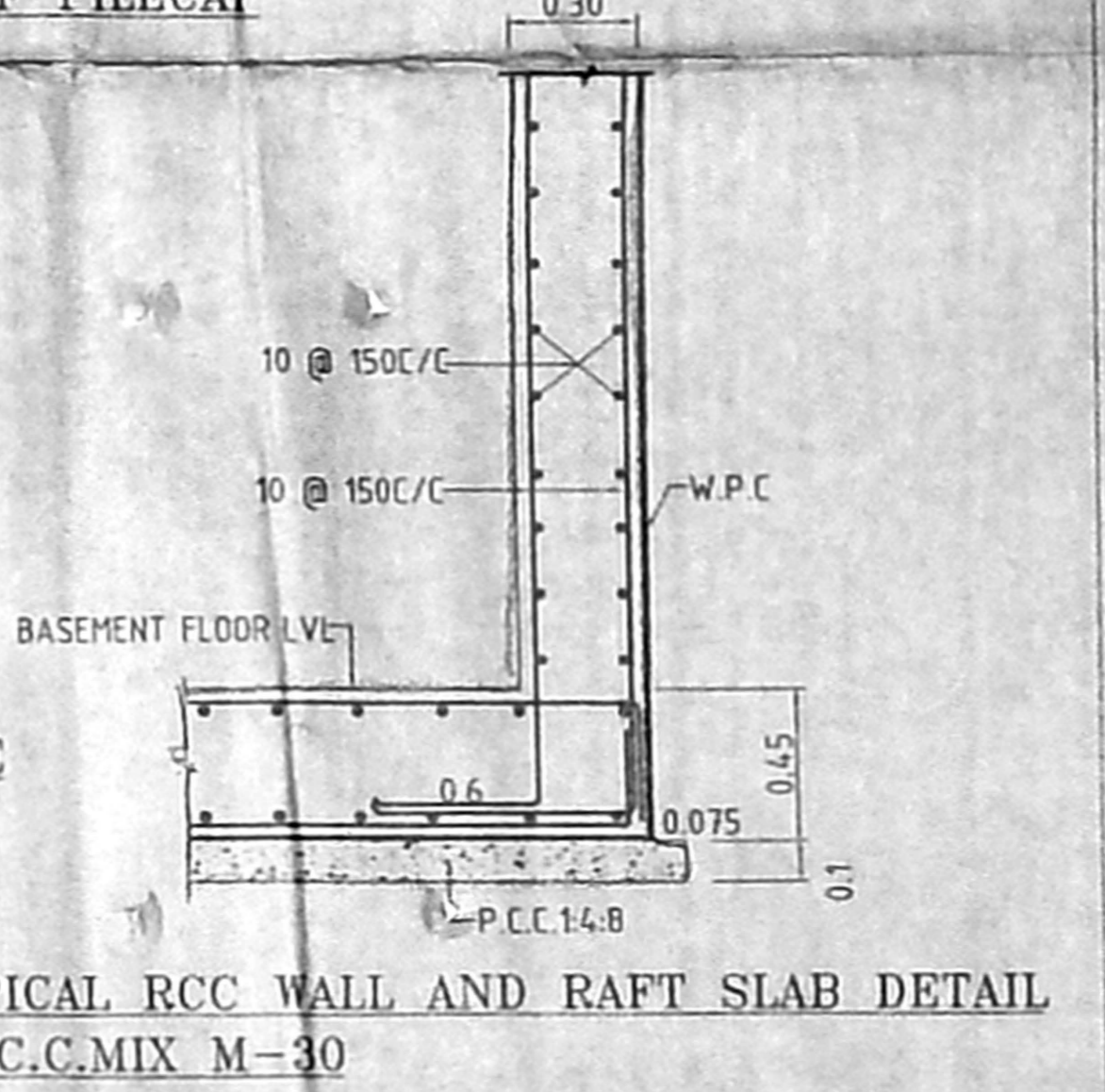
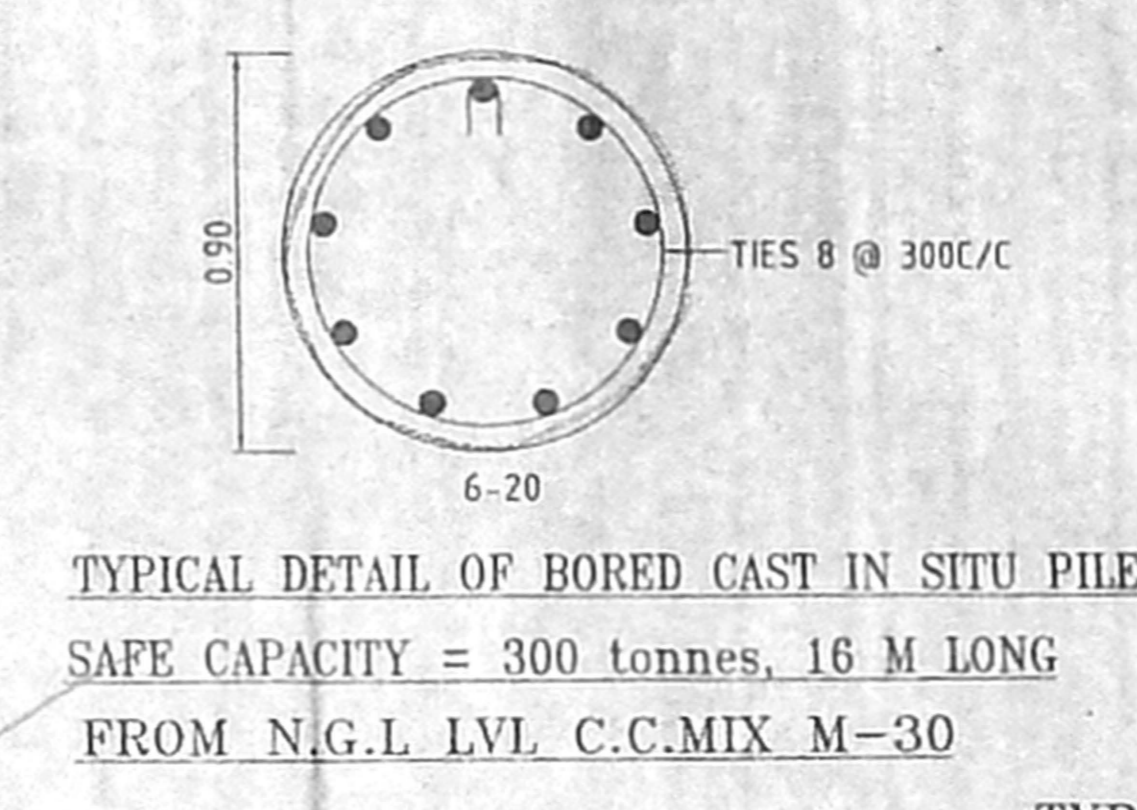
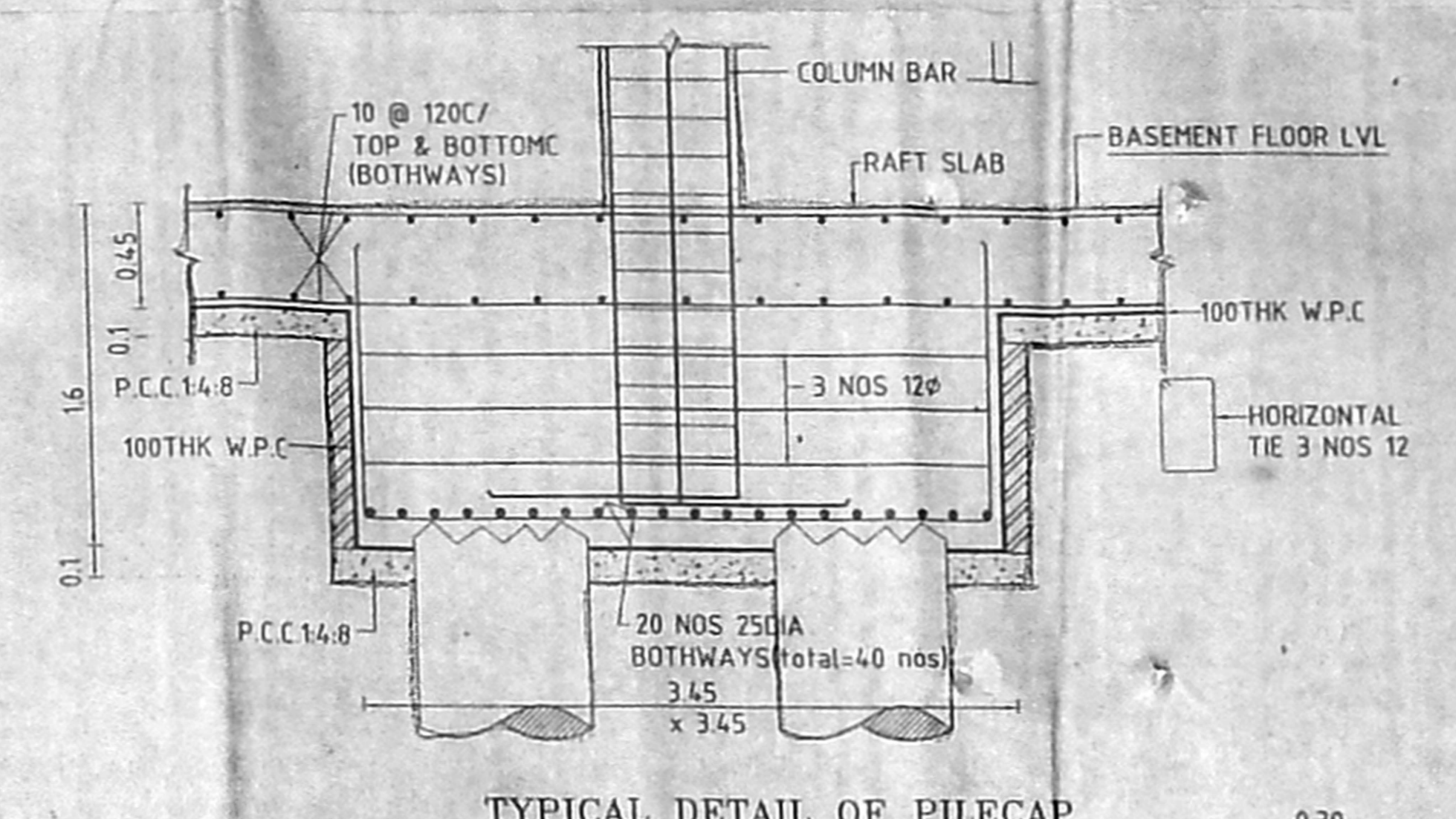
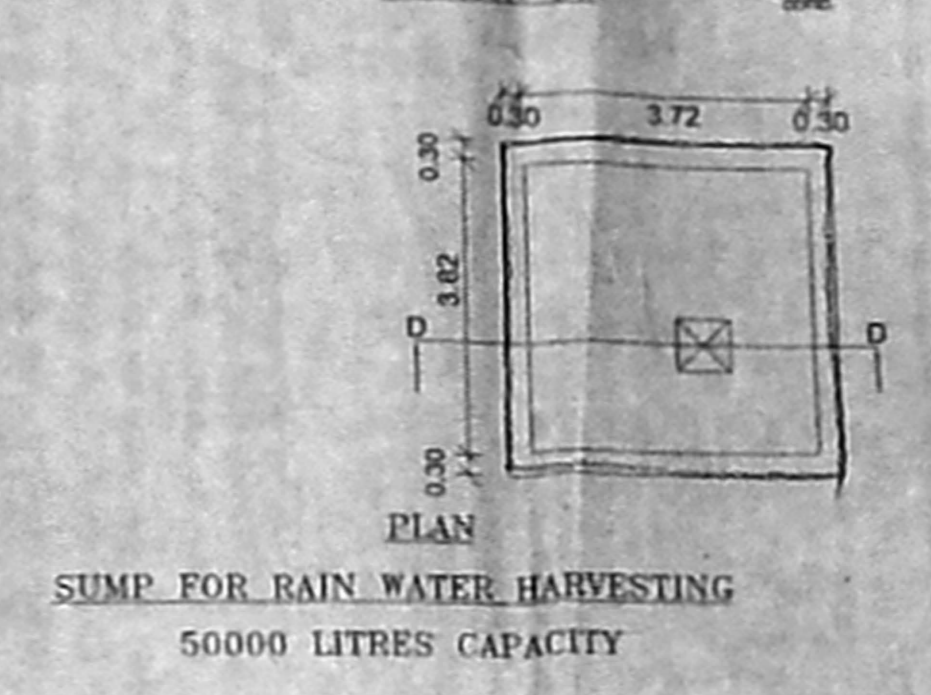
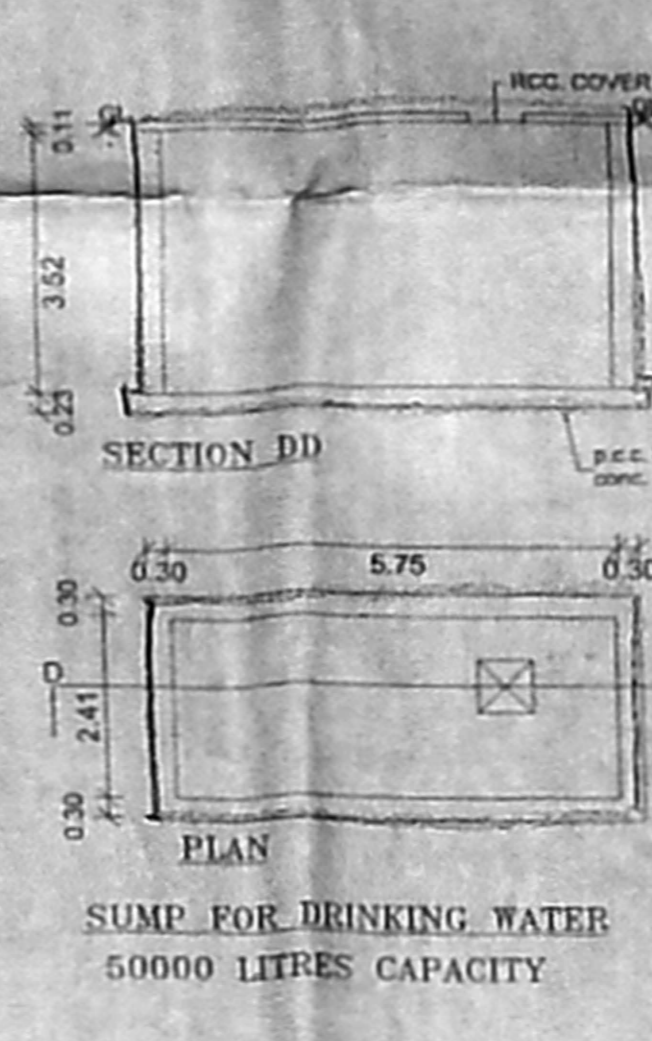
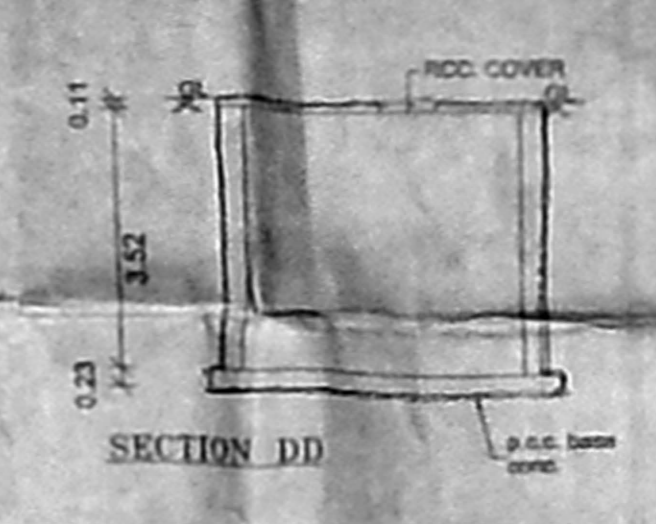
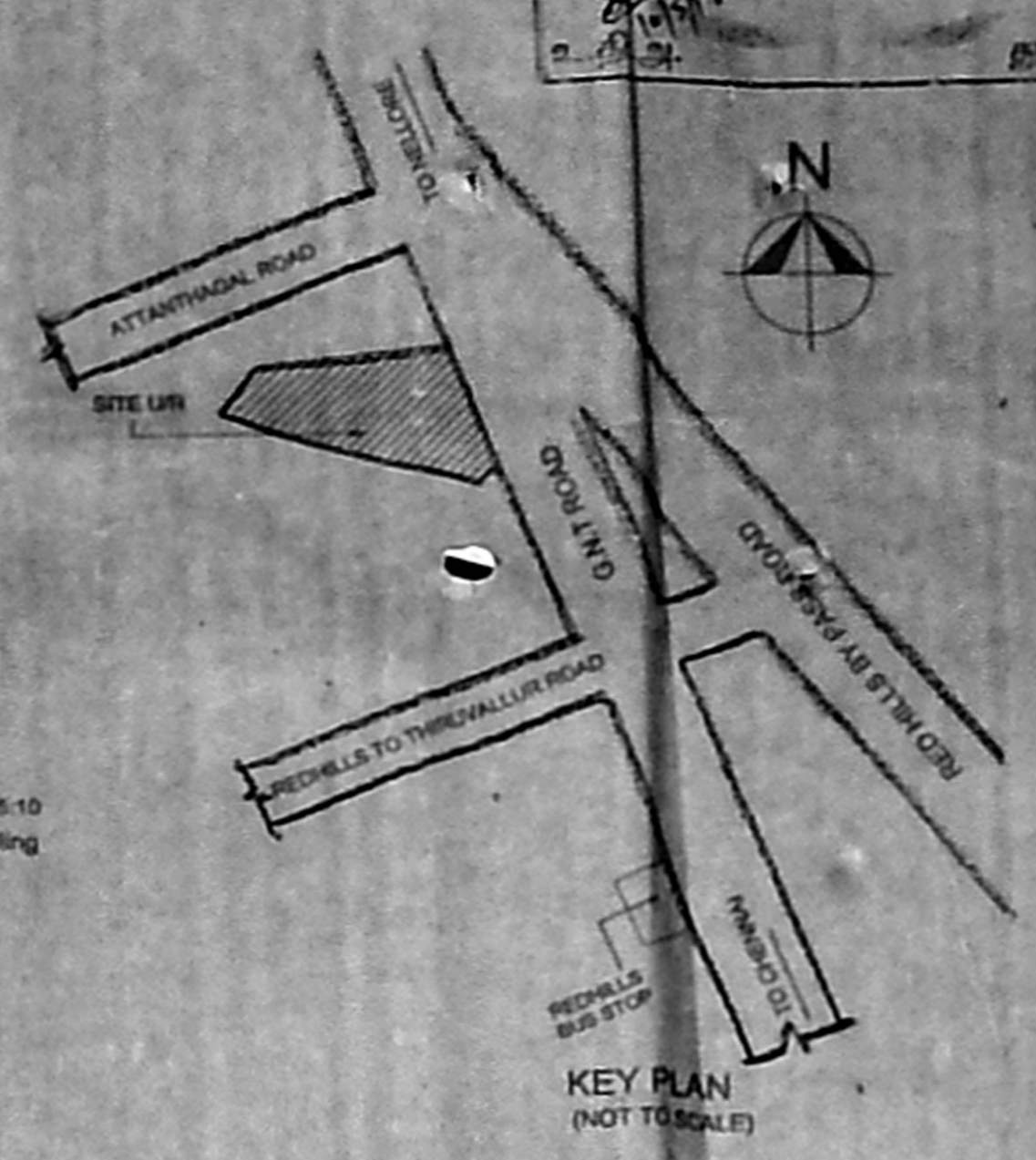
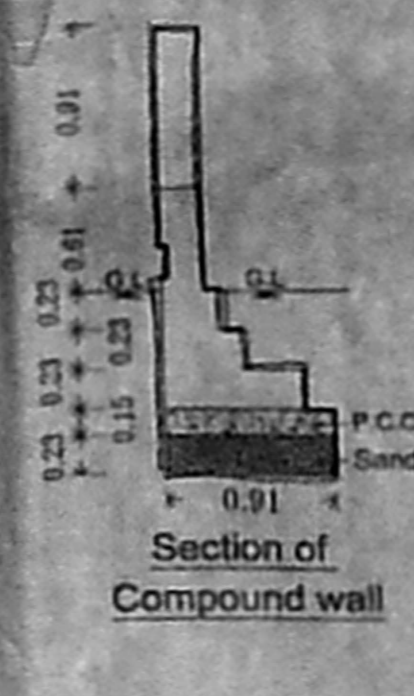
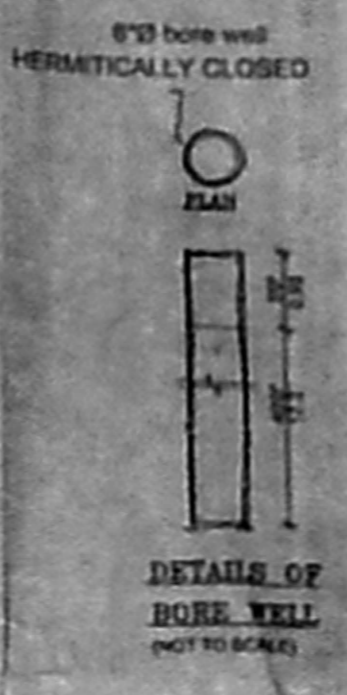
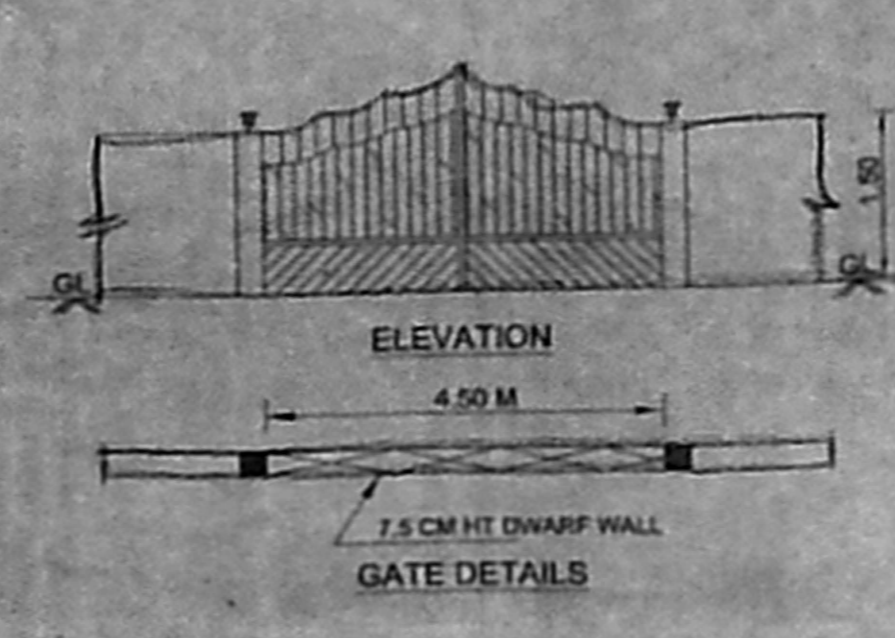
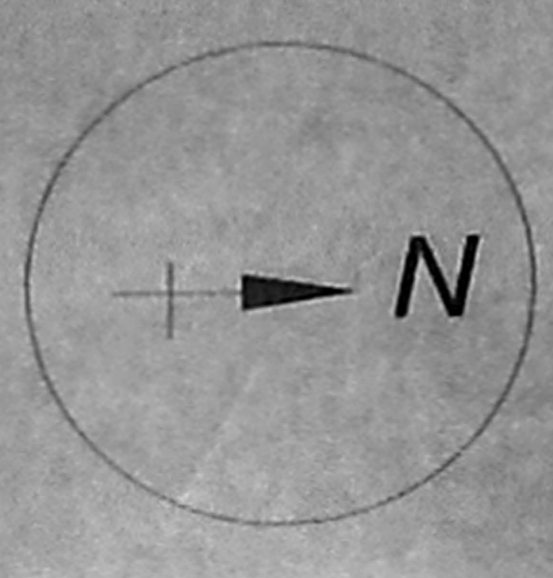
FSI = 1.518

OWNER SIGNATURE

LICENSED SURVEYOR

**SITE CUM GROUND FLOOR PLAN**  
 (FULL AIR CONDITIONED BY CENTRALIZED A/C)

JAGADEEP D ARCHITECT  
 ANAND ARCHITECTS & ENGINEERS PVT. LTD.  
 NO. 47, ANAND STREET, SHOLAVARAM, CHENNAI - 600 026



BASEMENT FLOOR PLAN

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING (SHOPS) AT DOOR NO. 811B GNT ROAD, REDHILLS, CHENNAI IN SURVEY NOS: 132 / 1B5, 1B6, 1B2A1, 1B3A1, 1B4A1, 1B7A1 OF PADIYANALLUR VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT, SHOLAVARAM PANCHAYAT UNION

SCALE : 1:100  
MEASUREMENTS ARE IN METRES  
COLOUR INDEX

SPECIFICATION:

FOUNDATION	- RCC COLUMN FOOTINGS
BRICK WORK	- C.M 1:6 FOR SUPER STRUCTURE
PLASTERING	- C.M 1:5 FOR WALLS & 1:3 FOR CEILING
FLOORING	- MOSAIC FLOORING
CEMENT PAINT	- TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING
R.C.C	- M25 GRADE FOR ALL CONCRETE WORKS
WOOD WORK	- ALL WOOD WORKS IN BEST QUALITY TIMBER
WEATHERING COURSE	- AS PER NATIONAL BUILDING CODE

SCHEDULE OF JOINERY

R.S	ROLLING SHUTTER	3.00 x 2.40
R.S1	ROLLING SHUTTER	2.00 x 2.40
MD	MAIN DOOR	1.52 x 2.74
LD1	LIFT DOOR	1.56 x 2.13
LD2	LIFT DOOR	2.26 x 2.13
D1	DOOR	1.05 x 2.13
D2	DOOR	0.91 x 2.13
D3	DOOR	1.50 x 2.13
FRD	FIRE RATED DOOR	1.50 x 2.13
W1	WINDOW	1.83 x 1.20
W2	WINDOW	1.50 x 1.20
V	VENTILATOR	2.00 x 0.60
V1	VENTILATOR	0.75 x 0.60
FG1	FIXED GLASS	3.54 x 1.80
FG2	FIXED GLASS	5.25 x 1.80

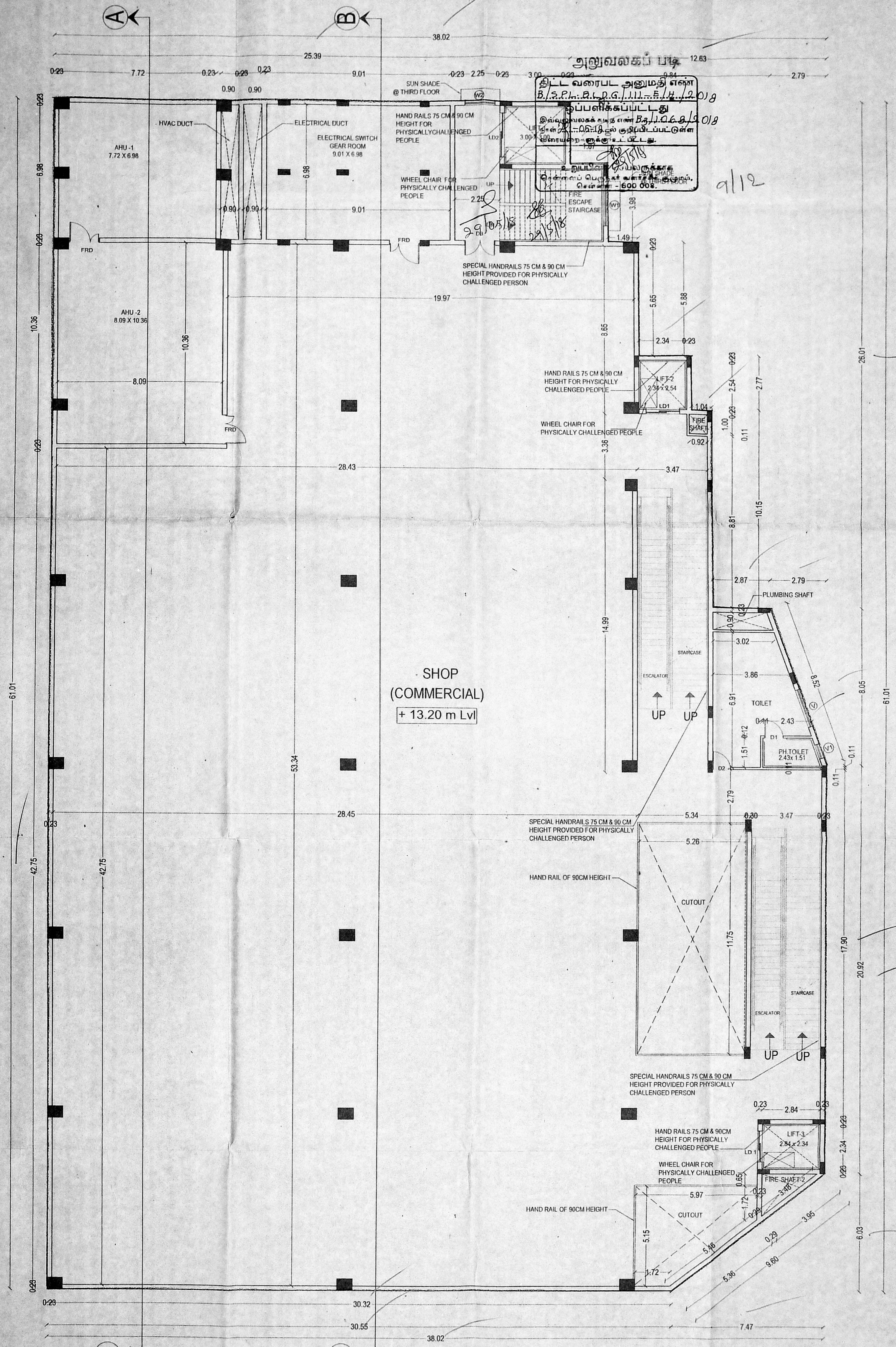
OWNER SIGNATURE  
C7  
T. Govindhan

LICENSED SURVEYOR  
D.M. ARCHITECTS  
D.M. ARCHITECTS  
10/11, ANNA SALAI, CHENNAI - 600 002  
10/11, ANNA SALAI, CHENNAI - 600 002  
10/11, ANNA SALAI, CHENNAI - 600 002





செ. பெ. வ. கு. (பி).....எண்.  
 ந. எண். 23/1065/2018  
 உ. தலையாளர்.....  
 சார்ந்தாய்வு  
 தி.ந.  
 தி.தி.அ.



**THIRD FLOOR PLAN**  
 (FULL AIR CONDITIONED BY CENTRALIZED A/C)

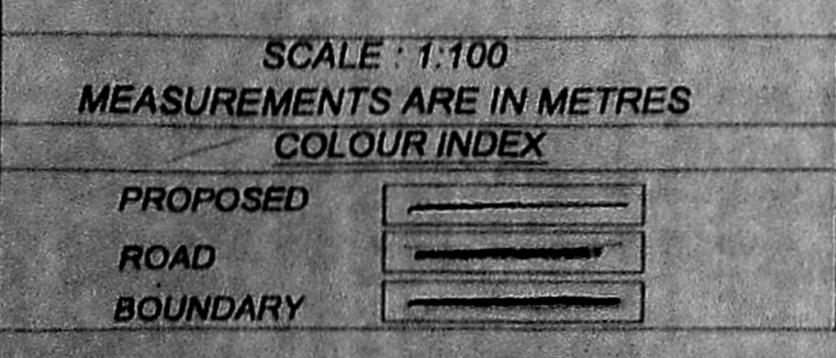
PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING (SHOPS) AT DOOR NO. 811B GNT ROAD, REDHILLS, CHENNAI IN SURVEY NOS: 132 / 1B5, 1B6, 1B2A1, 1B3A1, 1B4A1, 1B7A1 OF PADIYANALLUR VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT, SHOLAVARAM PANCHAYAT UNION

**SPECIFICATION:**  
 FOUNDATION - RCC COLUMN FOOTINGS  
 BRICK WORK - C.M 1:6 FOR SUPER STRUCTURE  
 PLASTERING - C.M 1:5 FOR WALLS & 1:3 FOR CEILING  
 FLOORING - MOSAIC FLOORING  
 CEMENT PAINT - TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING  
 R.C.C - M25 GRADE FOR ALL CONCRETE WORKS  
 WOOD WORK - ALL WOOD WORKS IN BEST QUALITY TIMBER  
 WEATHERING COURSE - AS PER NATIONAL BUILDING CODE

**SCHEDULE OF JOINERY**

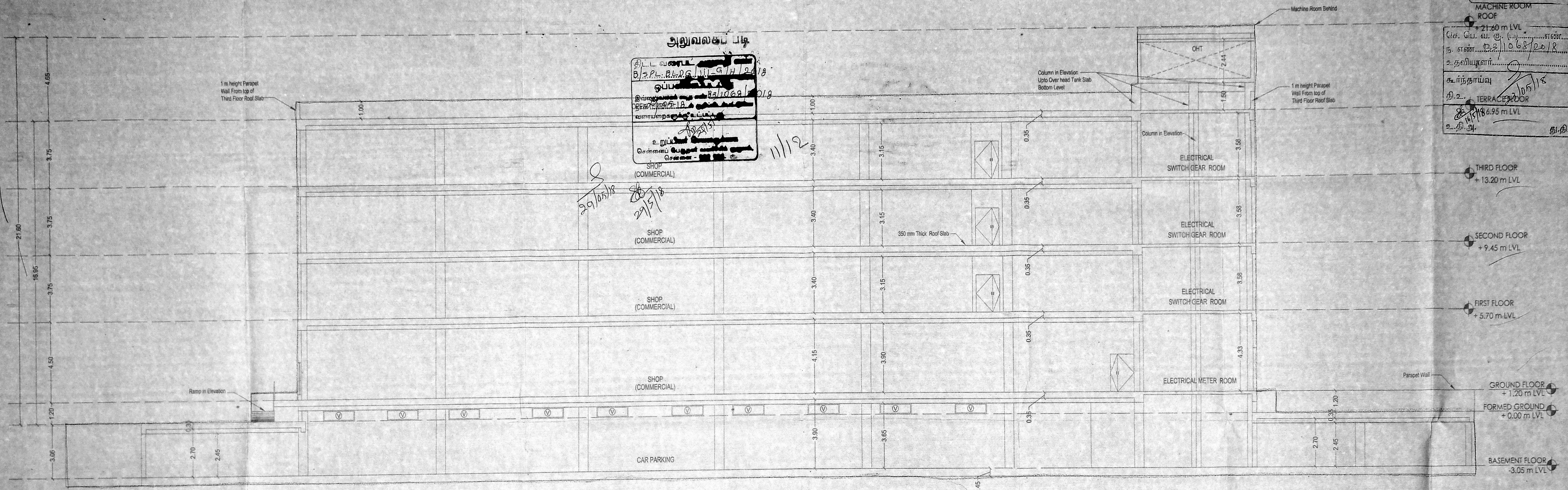
R.S	ROLLING SHUTTER	3.00 x 2.40
R.S1	ROLLING SHUTTER	2.00 x 2.40
MD	MAIN DOOR	1.52 x 2.74
LD1	LIFT DOOR	1.56 x 2.13
LD2	LIFT DOOR	2.26 x 2.13
D1	DOOR	1.05 x 2.13
D2	DOOR	0.91 x 2.13
D3	DOOR	1.50 x 2.13
FRD	FIRE RATED DOOR	1.50 x 2.13
W1	WINDOW	1.83 x 1.20
W2	WINDOW	1.50 x 1.20
V	VENTILATOR	2.00 x 0.60
V1	VENTILATOR	0.75 x 0.60
FG1	FIXED GLASS	3.54 x 1.80
FG2	FIXED GLASS	5.25 x 1.80

OWNER SIGNATURE  
 CIO  
 T. B. S. S. S.  
 LICENSED SURVEYOR  
 P. P. P. P. P.  
 ARCHITECT  
 AMAR ARCHITECTURE AND DESIGN PRIVATE LIMITED  
 No. 47, AA BLOCK, 3RD STREET, 3RD MAIN ROAD, ANNA NAGAR, CHENNAI - 600 040

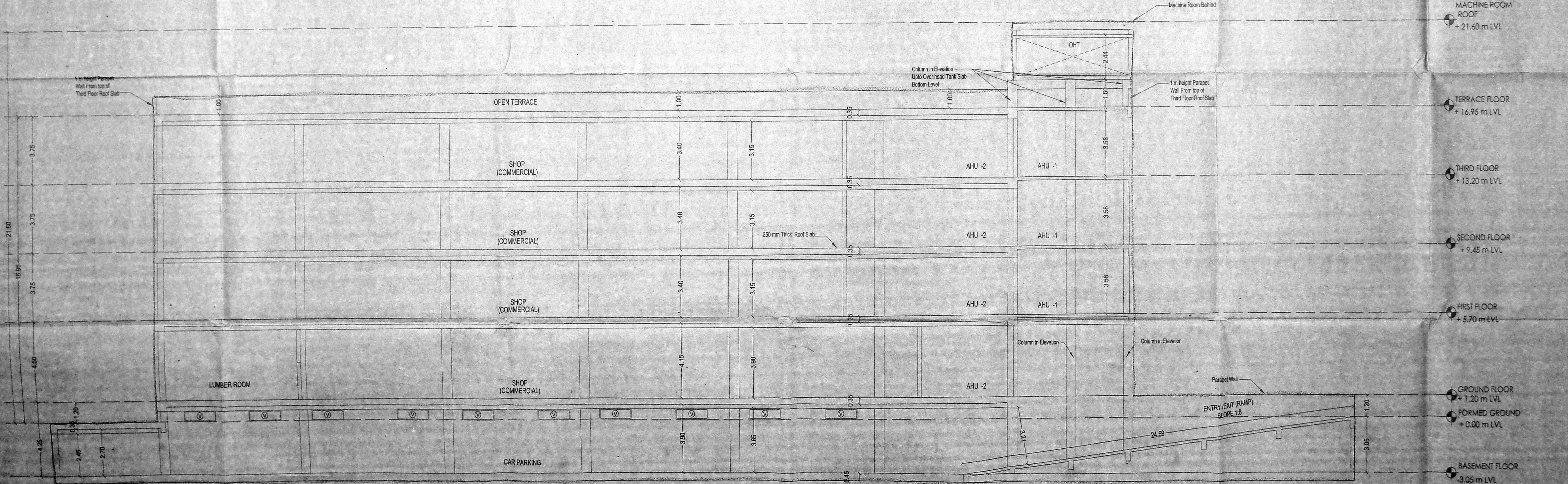




செ. வி. கு. (பு).....  
 ந. எண். 221068/2018  
 உ.ந.வி.யு.என்.  
 கூர்ந்தாய்வு  
 தி.உ. 10/11/18  
 உ.தி.அ. தி.தி.அ.

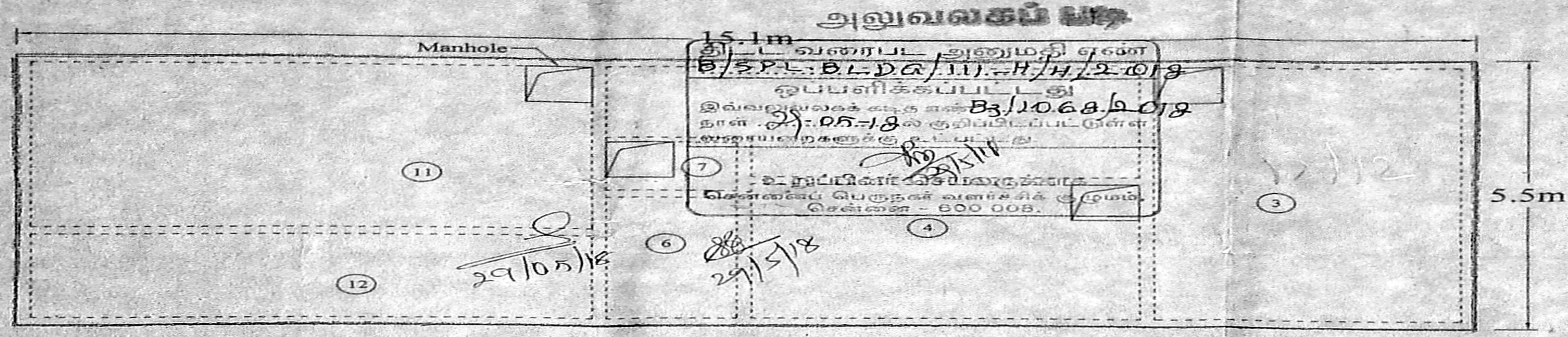


அலுவலகம் படி  
 திட்ட வரைபடம்  
 திட்டம்: 221068/2018  
 உறுதிப்படுத்திய  
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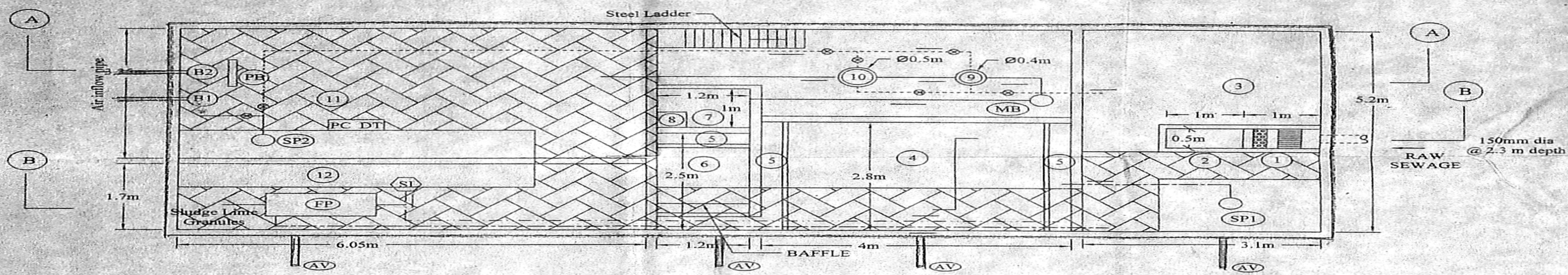


<p>PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING (SHOPS) AT DOOR NO. 811B GNT ROAD, REDHILLS, CHENNAI IN SURVEY NOS: 132 / 1B5, 1B6, 1B2A1, 1B3A1, 1B4A1, 1B7A1 OF PADYANALLUR VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT, SHOLAVARAM PANCHAYAT UNION</p>	<p>SPECIFICATION:                  FOUNDATION - RCC COLUMN FOOTINGS                  BRICK WORK - CM 1:8 FOR SUPER STRUCTURE                  PLASTERING - CM 1:5 FOR WALLS &amp; 1:3 FOR CEILING                  FLOORING - MOSAIC FLOORING                  CEMENT PAINT - TWO COATS FOR WALLS &amp; ONE EXTRA COAT FOR CEILING                  R.C.C - M25 GRADE FOR ALL CONCRETE WORKS                  WOOD WORK - ALL WOOD WORKS IN BEST QUALITY TIMBER                  WEATHERING COURSE - AS PER NATIONAL BUILDING CODE</p>	<p>SCHEDULE OF JOINEERY</p>	OWNER SIGNATURE
		<p>R.S ROLLING SHUTTER 300 x 240                  R.S1 ROLLING SHUTTER 200 x 240                  MD MAIN DOOR 1.50 x 2.74                  LD1 LIFT DOOR 1.50 x 2.13                  LD2 LIFT DOOR 2.26 x 2.13                  D1 DOOR 1.05 x 2.13                  D2 DOOR 0.91 x 2.13                  D3 DOOR 1.50 x 2.13                  FRC FIRE RATED DOOR 1.80 x 2.13                  W1 WINDOW 1.83 x 1.20                  W2 WINDOW 1.50 x 1.20                  V VENTILATOR 2.00 x 0.80                  V1 VENTILATOR 0.75 x 0.80                  FG1 FIXED GLASS 3.50 x 1.80                  FG2 FIXED GLASS 0.25 x 1.80</p>	<p>C12                  T. B. S. S.                  LICENSED SURVEYOR</p>

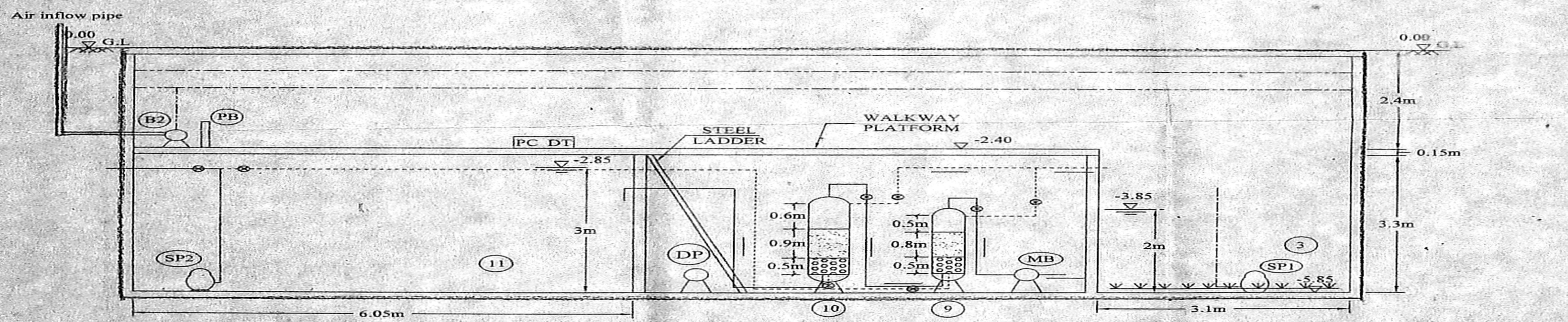
PROPOSED SEWAGE TREATMENT PLANT 0.050 MLD CAPACITY



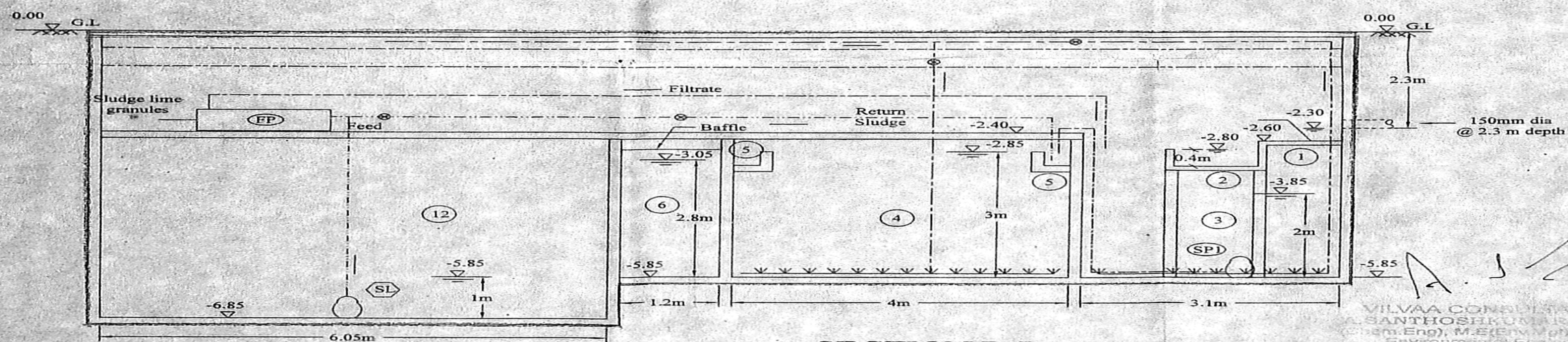
PLAN @ G.L.



PLAN



SECTION A-A



SECTION B-B

LEGEND:

1. SCREEN CHAMBER	11. EFFLUENT SUMP
2. GRIT CHANNEL	12. SLUDGE COLLECTION TANK
3. BALANCING TANK	PB. PANEL BOARD
4. AERATION TANK	AV AIR VENT
5. EFFLUENT LAUNDER	FP BELT FILTER PRESS WITH LIME POST TREATMENT MODULE
6. SETTLING TANK	SP1 SUBMERSIBLE PUMP - 2.1 cu.m/hr @ 12m
7. DISINFECTION TANK	SL SLUDGE PUMP - 10 cu.m/hr @ 10m
8. CHLORINE DOSING TANK	MB MONOBLOCK PUMP 2.1 cu.m/hr @ 12m
9. PRESSURE SAND FILTER	SP2 SUBMERSIBLE EFFLUENT PUMP
10. ACTIVATED CARBON FILTER	PC,DT POST CHLORINATION DOSING TANK
	DP DRAIN PUMP
	B1, B2 AIR BLOWERS
	LPT LIME POST TREATMENT MODULE
	RA W SEWAGE LINE (80mm dia)
	EFFLUENT LINE (80mm dia)
	SLUDGE LINE (80mm dia)
	AIR LINE (25mm dia)
	DUCT PROVIDED FOR AIR CIRCULATION IN BASEMENT

DESIGN DATA:

Total Floor Area	-	3466.73 Sq.m
Proposed No of Occupants	-	650
Rate of water supply	-	90 lpcd
Water Consumption	-	58500 L/D
Sewage Generated	-	46800 L/D
Proposed Capacity of STP	-	0.05 MLD

INFLUENT AND EFFLUENT CHARACTERISTICS:

PARAMETER	INFLUENT	EFFLUENT
pH	6.5-8.0	6.5-8.0
S.S	450 mg/l	< 30 mg/l
BOD <sub>5</sub>	350 mg/l	< 20 mg/l

PROPOSED LOCATION AND ACCESS TO STP:

The treatment units are proposed to be constructed below GL with access from Manhole opening provided at ground level. The panel board and air blowers are to be placed on the platform of STP. The air inflow pipe to blowers and air vent pipe to be laid below drive way and fixed in the compound wall for air circulations.

PLAN SHOWING THE PROPOSED CONSTRUCTION OF COMMERCIAL BUILDING (SHOPS) AT DOOR NO. 811B GNT ROAD, REDHILLS, CHENNAI IN SURVEY NOS: 132 / 1B5, 1B6, 1B2A1, 1B3A1, 1B4A1, 1B7A1 OF PADIYANALLUR VILLAGE, PONNERI TALUK, THIRUVALLUR DISTRICT, SHOLAVARAM PANCHAYAT UNION

SCALE: 1:100  
MEASUREMENTS ARE IN METRES  
COLOUR INDEX

PROPOSED	
ROAD	
BOUNDARY	

SPECIFICATION:

- FOUNDATION - RCC COLUMN FOOTINGS
- BRICK WORK - C.M 1:6 FOR SUPER STRUCTURE
- PLASTERING - C.M 1:5 FOR WALLS & 1:3 FOR CEILING
- FLOORING - MOSAIC FLOORING
- CEMENT PAINT - TWO COATS FOR WALLS & ONE EXTRA COAT FOR CEILING
- R.C.C - M25 GRADE FOR ALL CONCRETE WORKS
- WOOD WORK - ALL WOOD WORKS IN BEST QUALITY TIMBER
- WEATHERING COURSE - AS PER NATIONAL BUILDING CODE

OWNER SIGNATURE

112

LICENSED SURVEYOR

JAGADEEP D ARCHITECT  
COA No: CA / 2010 / 50017

SEWAGE TREATMENT PLANT CONSULTANT