

PLAN SHOWING THE PROPOSED CONSTRUCTION OF HOSPITAL RESTAURANT & SERVICE APARTMENT BUILDING AT SURVEY NO: 219/5A, 5B KATTUPAKKAM VILLAGE THIRUVALUR ROAD POONAMALLEE TANKS THIRUVALUR DISTRICT WITH IN THE LIMITS OF POONAMALLEE PANCHAYAT UNION.

SCHEDULE OF JOINERY

TYPE	DESCRIPTION	SIZE
D6	DOOR	1.37 X 2.13
D5	DOOR	0.91 X 2.13
D4	DOOR	0.76 X 2.13
D3	DOOR	0.91 X 2.13
D26	DOOR	0.76 X 2.13
W8	WINDOW	2.44 X 1.37
W6	WINDOW	1.83 X 1.37
W5	WINDOW	1.52 X 1.37
W4	WINDOW	1.22 X 1.37
V2	VENTILATOR	0.61 X 0.91

SPECIFICATIONS
 R.C.C IN 1:1.2 FOR COLUMN FOOTING COLUMN AND PLINTH BEAM.
 P.C.C IN 1:4:8 FOR FOUNDATION BASE AND FLOOR BASE
 MOSAIC FLOOR FINISHING
 SUPERSTRUCTURE BRICK WORK IN CM 1:6:9 THK.
 R.C.C IN 1:1.2 FOR LINTEL SUNSHADE ROOF SLAB BEAMS.
 CEILING PLASTERING IN CM 1:3 AND 1:5 FOR WALLS.
 C. WOOD DOORS AND WINDOWS.
 2 COATS OF CEMENT PAINTING FOR WALLS AND CEILING.
 2 COATS OF ENAMEL PAINTING FOR WOOD WORK.
 PARAPET WALL IN B.W. 1:6:9 THK. 3V HT.
 WEATHERING COURSE IN BUL CONC. OVER ROOF SLAB

AREA STATEMENT

FLOORS	RESIDENTIAL (sq.m)	COMMERCIAL (sq.m)
Ground Floor	527.47	
1st Floor	344.76	363.60
2nd Floor	344.76	363.60
3rd Floor	344.76	362.51
TOTAL AREA	1034.28	1617.18
GRAND TOTAL	2651.46	

F.S.I AREA 1.485

PLANT COVERAGE

PLANT COVERAGE	39.68%
CAR PARKING PROVIDED	23 NOS.
TWO WHEELER PROVIDED	28 NOS.

COLOR CODE

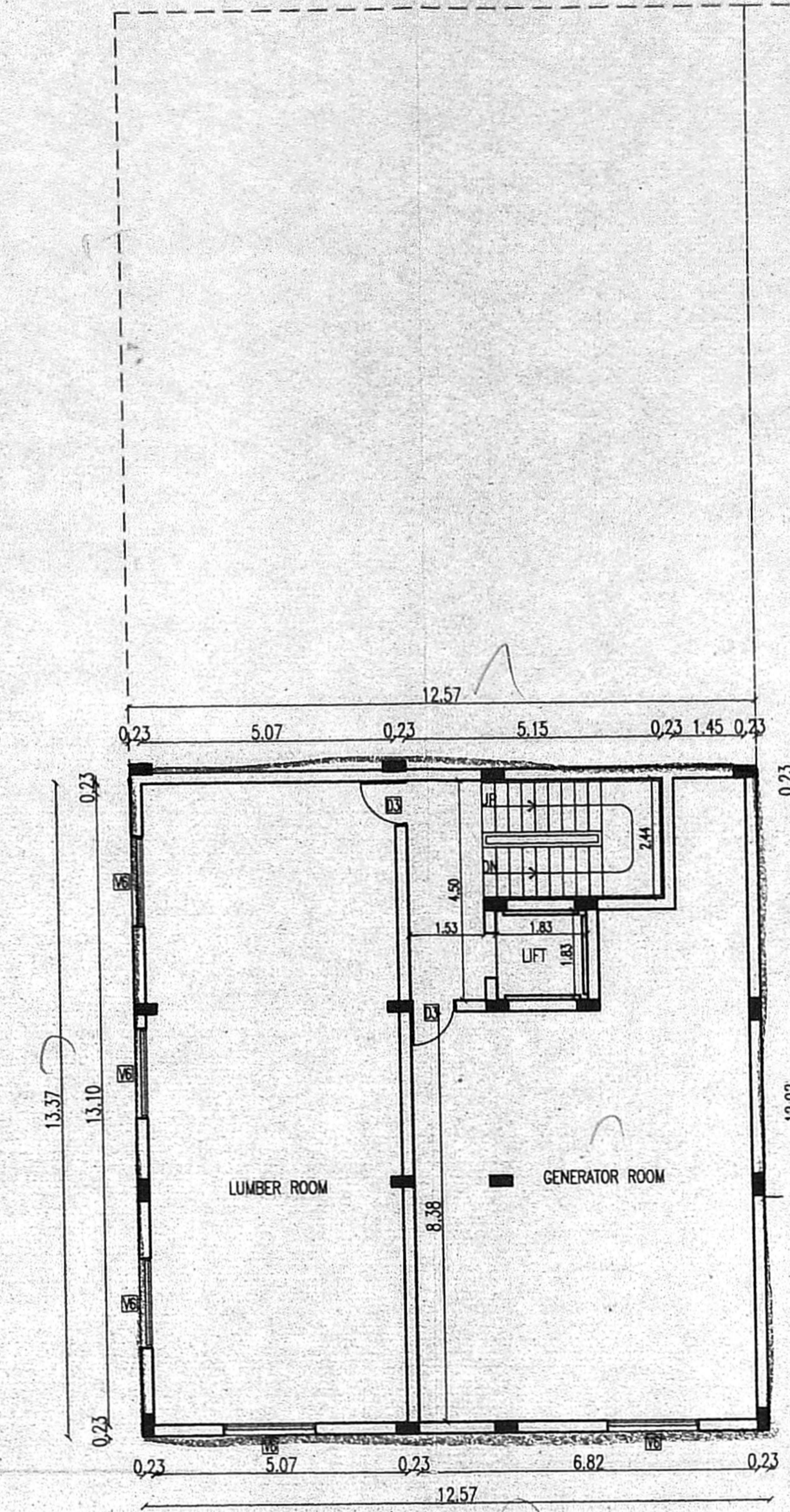
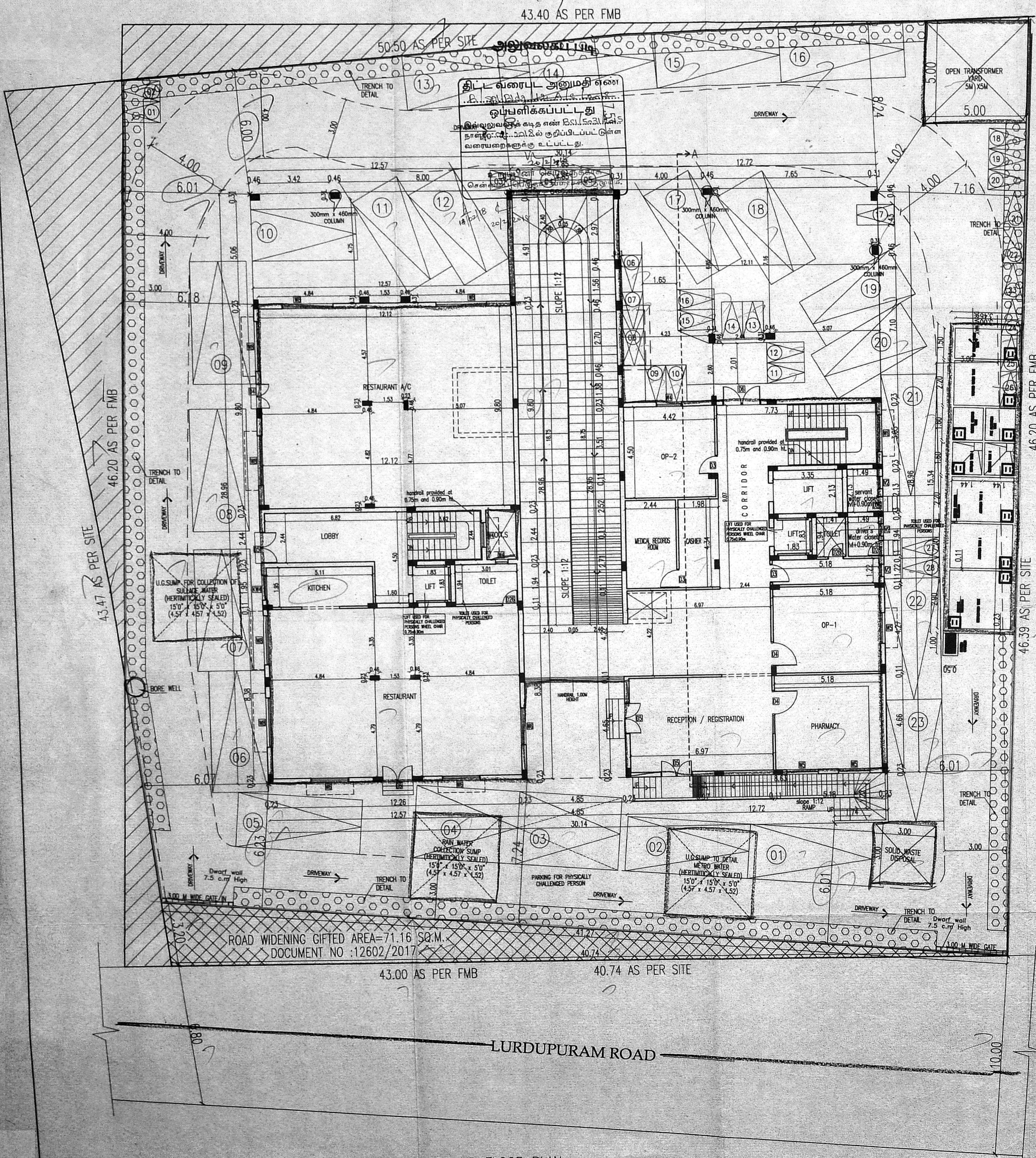
PROPOSED	[Symbol]
ROAD	[Symbol]
BOUNDARY	[Symbol]

OWNER(S): K. B. Suresh, R. Suresh

SCALE: 1" = 8'

SCALE: 1 : 100

LICENSED SURVEYOR: AR. PALANIVELU VISHWANATHAN
 REGD. ARCHITECT & VALUER
 CALICUT 722119-IV, No. 1, F1330
 No. 65, 12th Avenue,
 Ashok Nagar, Chennai - 600 083.
 Ph: 6585 3326, 6534 9507



WATER & STP CALCULATION

1. OUTPATIENT
 Population for the Area is taken as follows:
 Total Built up area = 1617 Sq. mtr.
 Population at 1 person for every 10 Sq. m area = 161.7 Persons
 Say 162 Persons
 Per capita water requirement for Hospital (as per NBC) = 45 Ltrs.
 Domestic 30 Ltrs
 FLUSHING 15 Ltrs
 Domestic 4860 Ltrs
 FLUSHING 2430 Ltrs
 TOTAL DOMESTIC WATER / PER DAY = 5 KLD
 TOTAL FLUSH WATER / PER DAY = 2.5 KLD

2. INPATIENT & STAFFS
 Total number of beds = 20 No's
 Say 20 No's
 Persons staffs + doctors calculation (as per NBC) = 25 No's
 Per capita water requirement for Hospital (as per NBC) = 180 Ltrs
 Domestic 125 Ltrs
 FLUSHING 55 Ltrs
 Domestic 5625 Ltrs
 FLUSHING 2475 Ltrs
 TOTAL DOMESTIC WATER / PER DAY = 8 KLD
 TOTAL FLUSH WATER / PER DAY = 2.5 KLD

3. INPATIENT VISITORS
 Total number of inpatient: 20 No's
 Inpatient visitors (as per NBC) = 5 No's
 Say 100 No's
 Per capita water requirement for hostels (as per NBC) = 15 Ltrs
 Domestic 10 Ltrs
 FLUSHING 5 Ltrs
 Domestic 1000 Ltrs
 FLUSHING 500 Ltrs
 TOTAL DOMESTIC WATER / PER DAY = 10 KLD
 TOTAL FLUSH WATER / PER DAY = 0.5 KLD

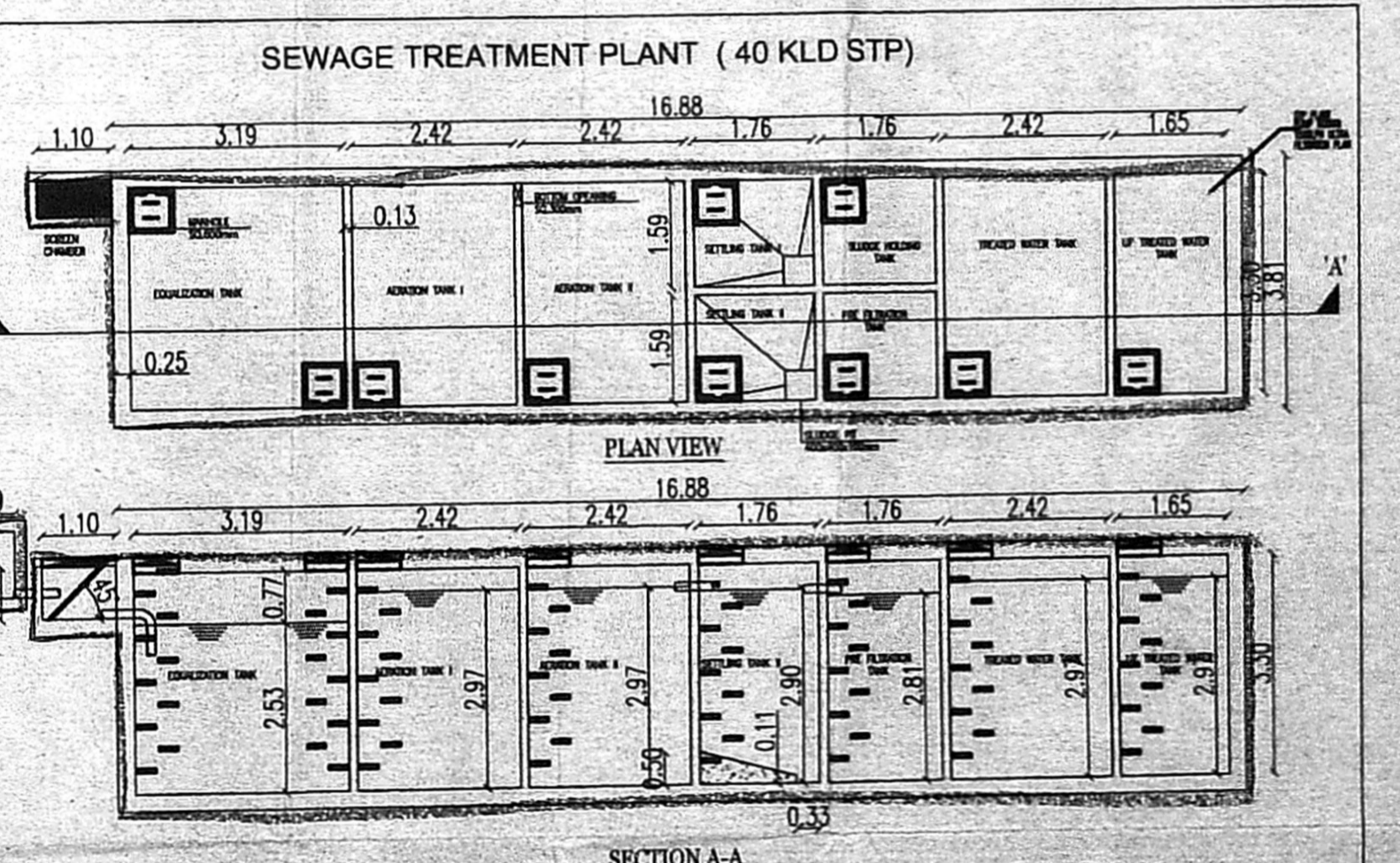
2. COMMERCIAL AREA
 TOTAL NO OF ROOMS = 30 No's
 Population at 2 person for every room = 60 Persons
 Say 60 Persons
 Per capita water requirement for hotel (as per NBC) = 135 Ltrs
 Domestic 95 Ltrs
 FLUSHING 40 Ltrs
 Domestic 5700 Ltrs
 FLUSHING 2400 Ltrs
 TOTAL DOMESTIC WATER / PER DAY = 8 KLD
 TOTAL FLUSH WATER / PER DAY = 2.5 KLD

2. RESTAURANT AREA
 Total Built up area = 297 Sq. mtr.
 Population at 1 person for every 1.5 Sq. m area = 198 Persons
 Say 200 Persons
 Per capita water requirement @ Hospital (as per NBC) = 45 Ltrs
 Domestic 30 Ltrs
 FLUSHING 15 Ltrs
 Domestic 6000 Ltrs
 FLUSHING 3000 Ltrs
 TOTAL DOMESTIC WATER / PER DAY = 6 KLD
 TOTAL FLUSH WATER / PER DAY = 3 KLD

Total Water Requirement
 TOTAL DOMESTIC WATER / PER DAY = 24 KLD
 TOTAL FLUSH WATER / PER DAY = 14 KLD
 SAY 14 KLD

2. STP REQUIREMENT
 STP requirement @ 90% of total water requirement = 38000 Ltr
 34000 Ltr
 Say 34 KLD

BASEMENT FLOOR PLAN



40 KLD SEWAGE TREATMENT PLANT

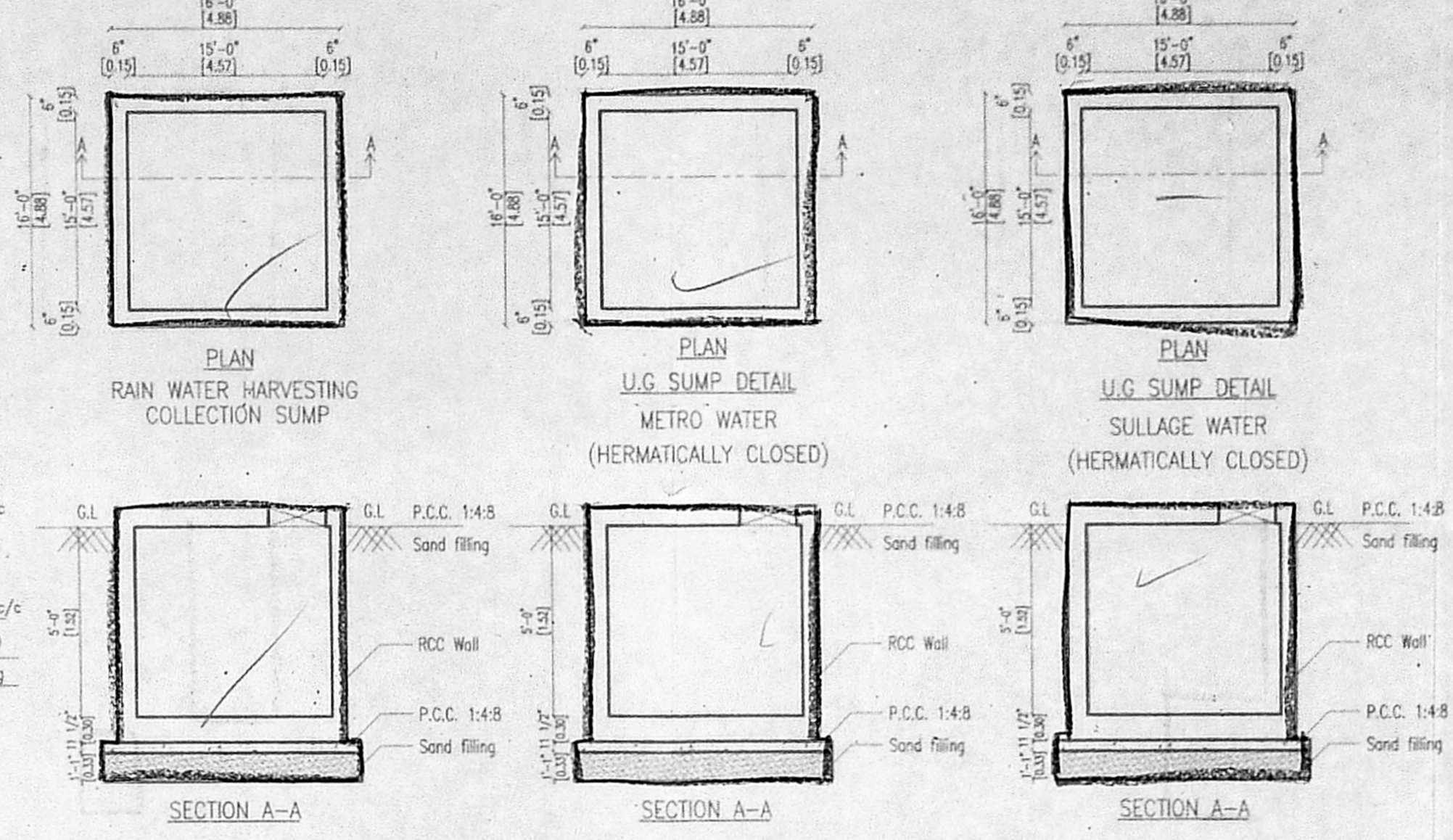
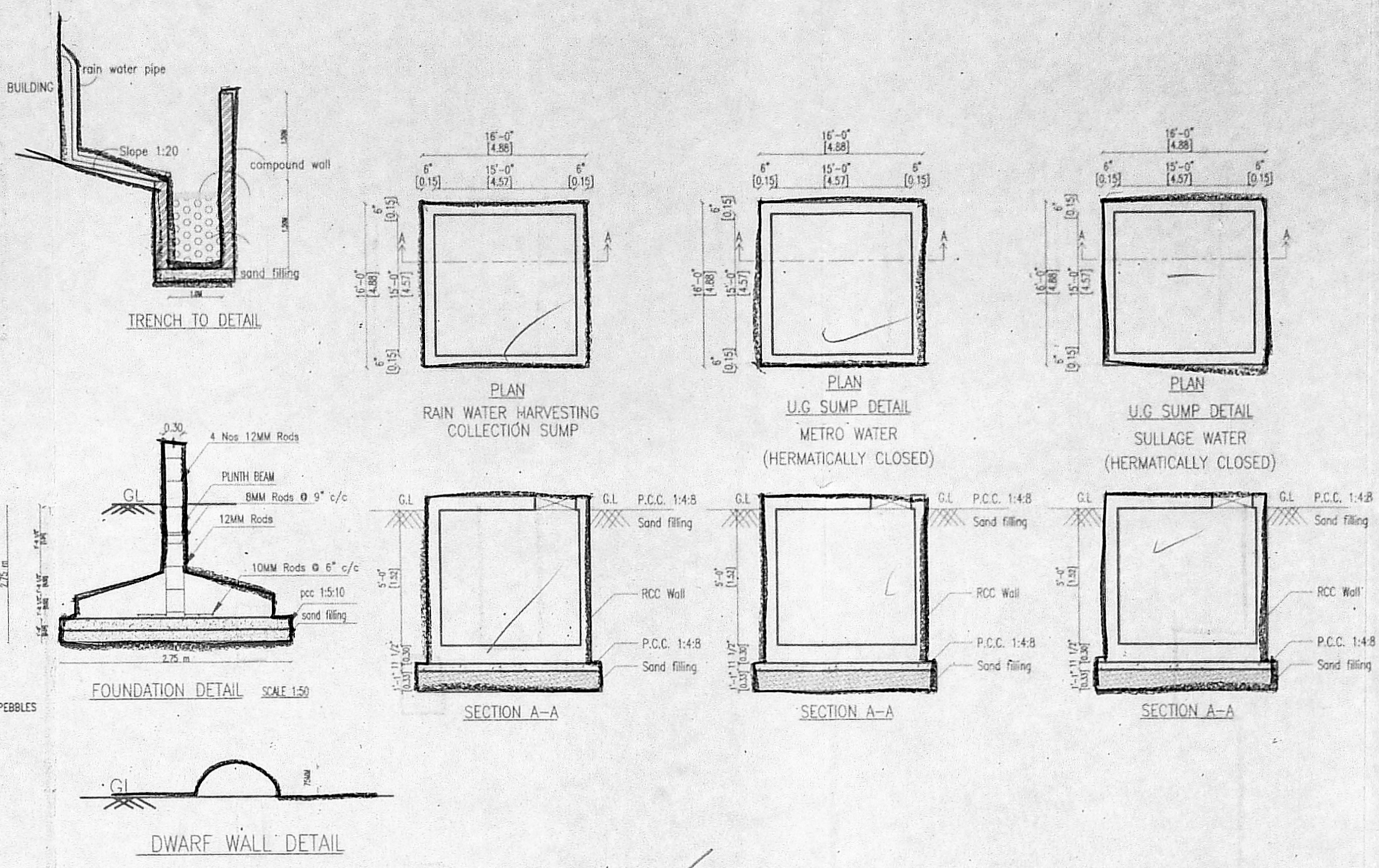
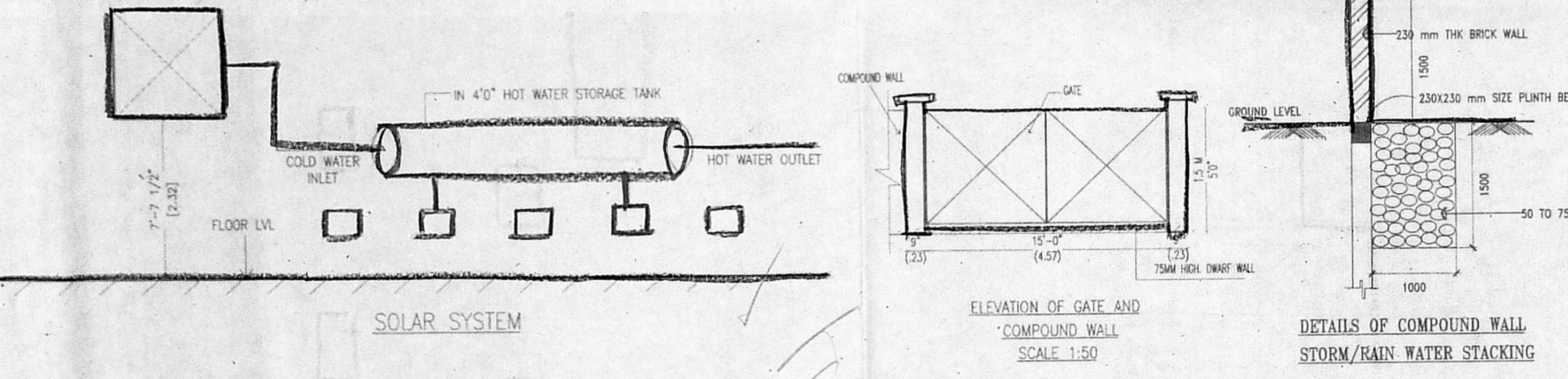
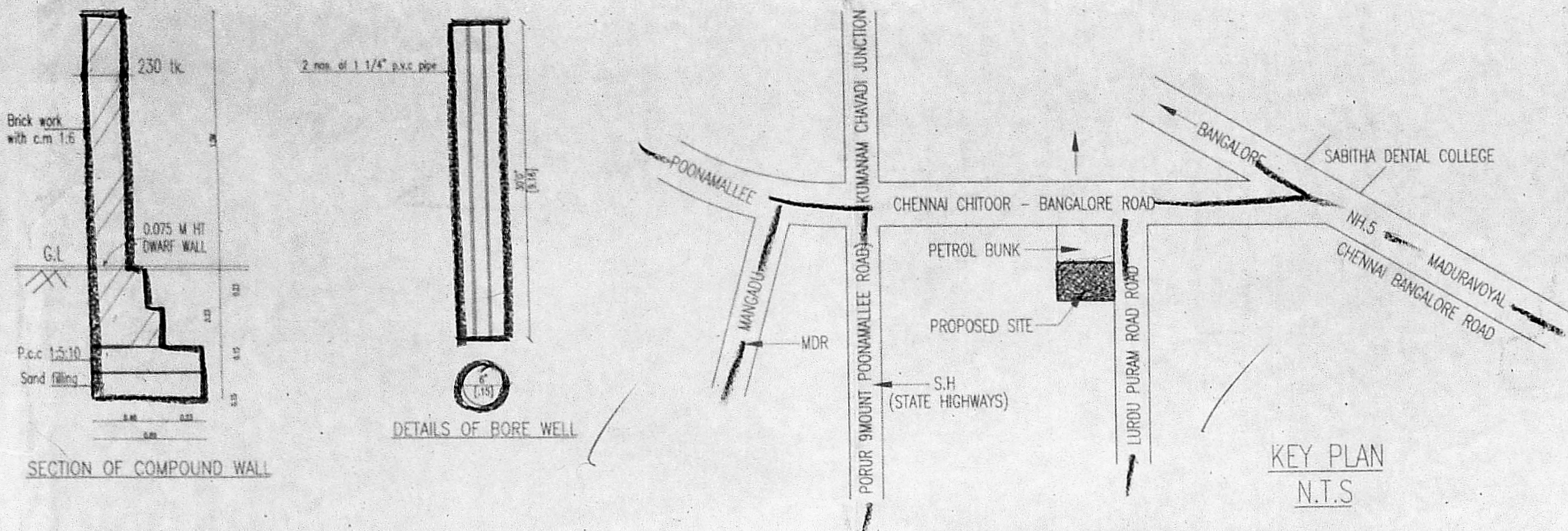
40KLD STP - LIST OF CIVIL TANKS
 Total Area Requirement - 13m x 3.5m x 3.0m

TAG NO.	DESCRIPTION	SIZE	MOQ	QTY
T-01	BAR SCREEN CHAMBER	1.0m x 0.5m x 0.7m	BCC	1 No
T-02	EQUALIZATION TANK	2.9m x 3.0m x 2.4m+0.7m FB	RCC	1 No
T-03	AERATION TANK	2.2m x 3.0m x 2.7m+0.3m FB	RCC	2 Nos
T-04	SETTLING TANK	1.6m x 1.4m x 2.6m+0.4m FB	RCC	2 Nos
T-05	FILTER FEED TANK	1.6m x 1.4m x 2.6m+0.4m FB	RCC	1 No
T-06	TREATED WATER TANK	2.2m x 3.0m x 2.7m+0.3m FB	RCC	1 No
T-07	SLUDGE HOLDING TANK	1.6m x 1.4m x 2.6m+0.4m FB	RCC	1 No
T-08	UF TREATED WATER TANK	1.5m x 3.0m x 2.7m+0.3m FB	RCC	1 No

SITE CUM GROUND FLOOR PLAN

PLAN SHOWING THE PROPOSED CONSTRUCTION OF HOSPITAL CUM RESTAURANT & SERVICE APARTMENT BUILDING AT SURVEY NO: 219/5A, 5B KATTUPAKKAM VILLAGE, LURDUPURAM ROAD POONAMALLEE TALUK, THIRUVALLUR DISTRICT, WITH IN THE LIMITS OF POONAMALLEE PANCHAYAT UNION

செய்வகம் 7
19/12/17



SCHEDULE OF JOINERY

NO	DESCRIPTION	QTY	UNIT
1	MAIN DOOR	1	2.44
2	DOOR	1	2.44
3	DOOR	1	2.44
4	DOOR	1	2.44
5	DOOR	1	2.44
6	DOOR	1	2.44
7	DOOR	1	2.44
8	DOOR	1	2.44
9	DOOR	1	2.44
10	DOOR	1	2.44
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97	DOOR	1	2.44
98	DOOR	1	2.44
99	DOOR	1	2.44
100	DOOR	1	2.44

SPECIFICATIONS

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MOSAIC FLOOR FINISHING

SUPERSTRUCTURE BRICK WORK IN CM 1:6:9 THK.

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CEILING PLASTERING IN CM 1:3 AND 1:5 FOR WALLS, C. WOOD DOORS AND WINDOWS.

2 COATS OF CEMENT PAINTING FOR WALLS AND CEILING.

2 COATS OF ENAMEL PAINTING FOR WOOD WORK.

PARAPET WALL IN B.W. 1:6:9 THK. 3'0" HT.

WEATHERING COURSE IN B/L CONC. OVER ROOF SLAB

COLOR CODE

PROPOSED ROAD BOUNDARY

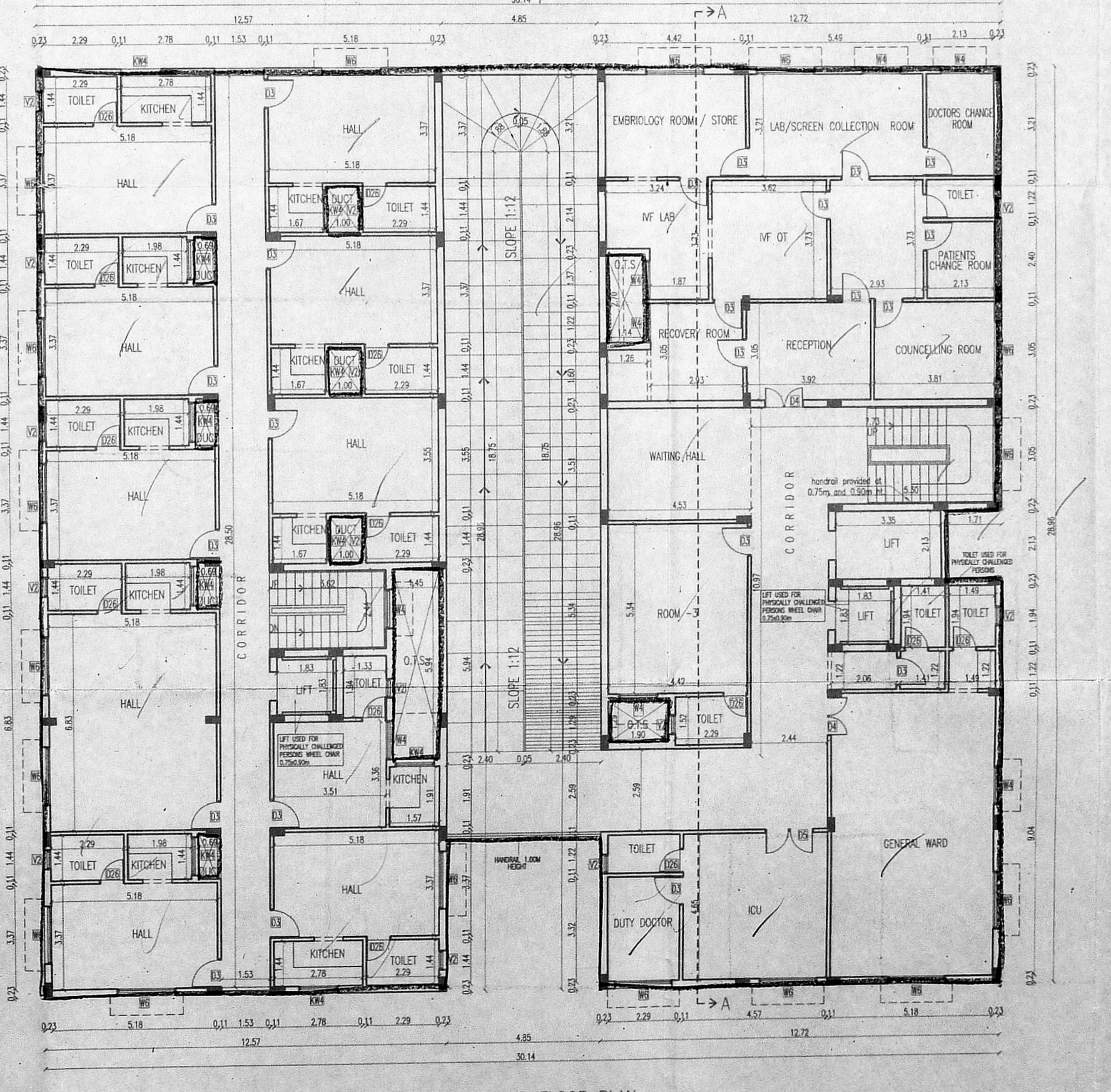
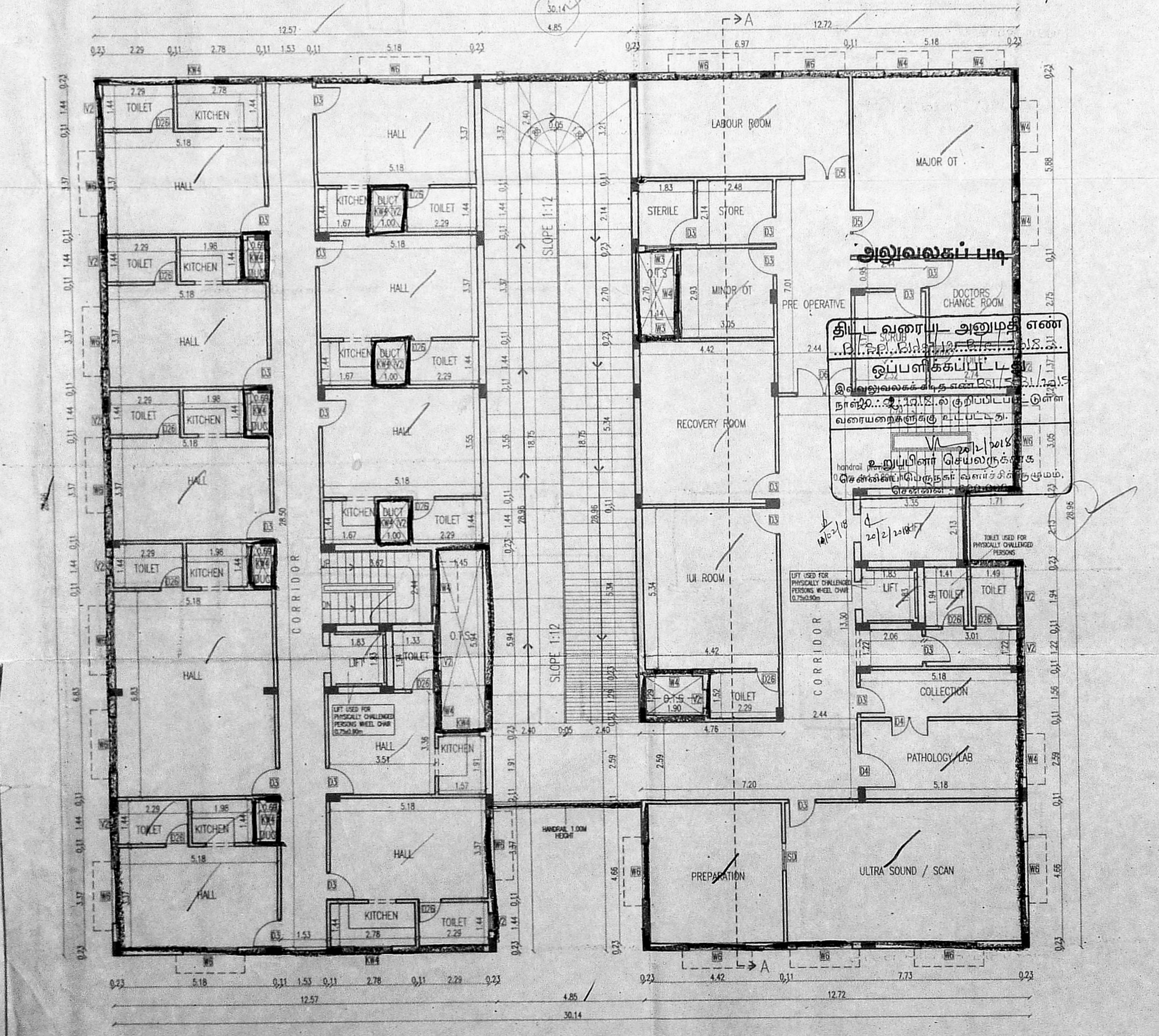
NORTH SCALE

1" = 8'

1 : 100

OWNER(S):
R. Suresh
R. Suresh

LICENSED SURVEYOR:
AR. PABANIVELU VISWANATHAN
B. ARCH. FIA. FIV. AID
REGD. ARCHITECT & VALUER
CAL.No. CA/97/22919-R.V. No. ; F1330
No. 65, 12th Avenue,
Ashok Nagar, Chennai - 600 083.
Ph : 6585 3326, 6534 9507

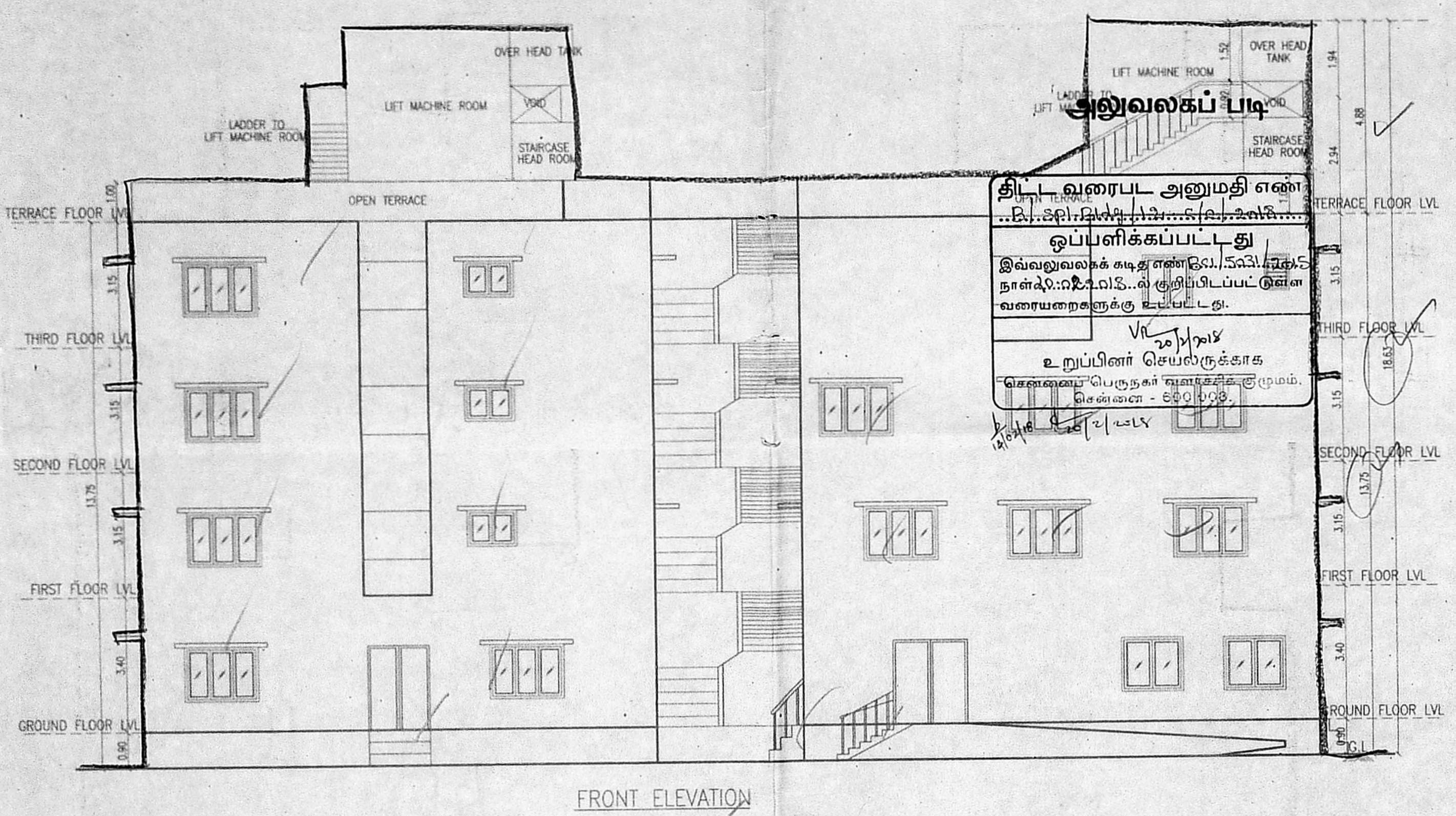


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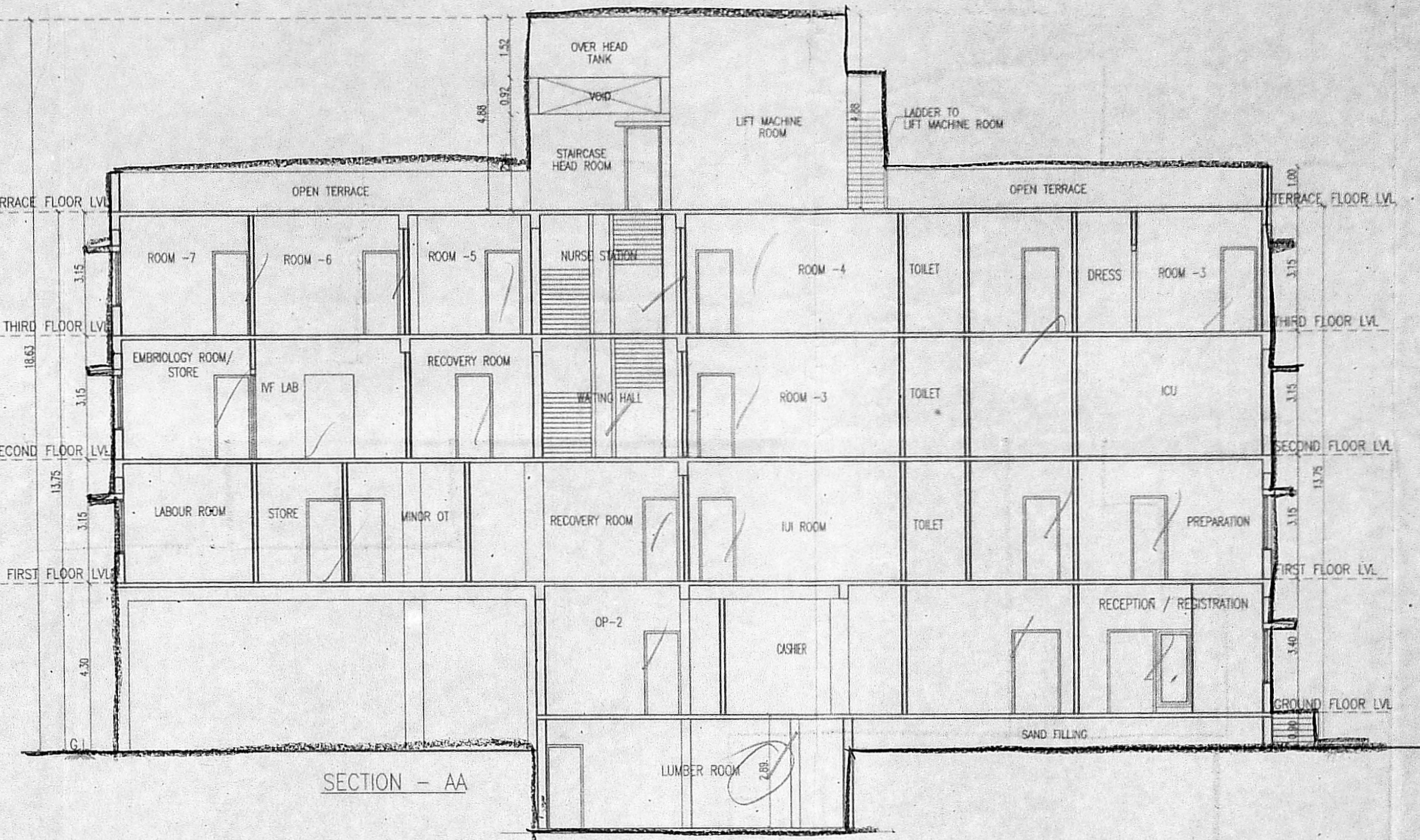
தேய்வகம் 7
19/12/19

SCHEDULE OF JOINTS

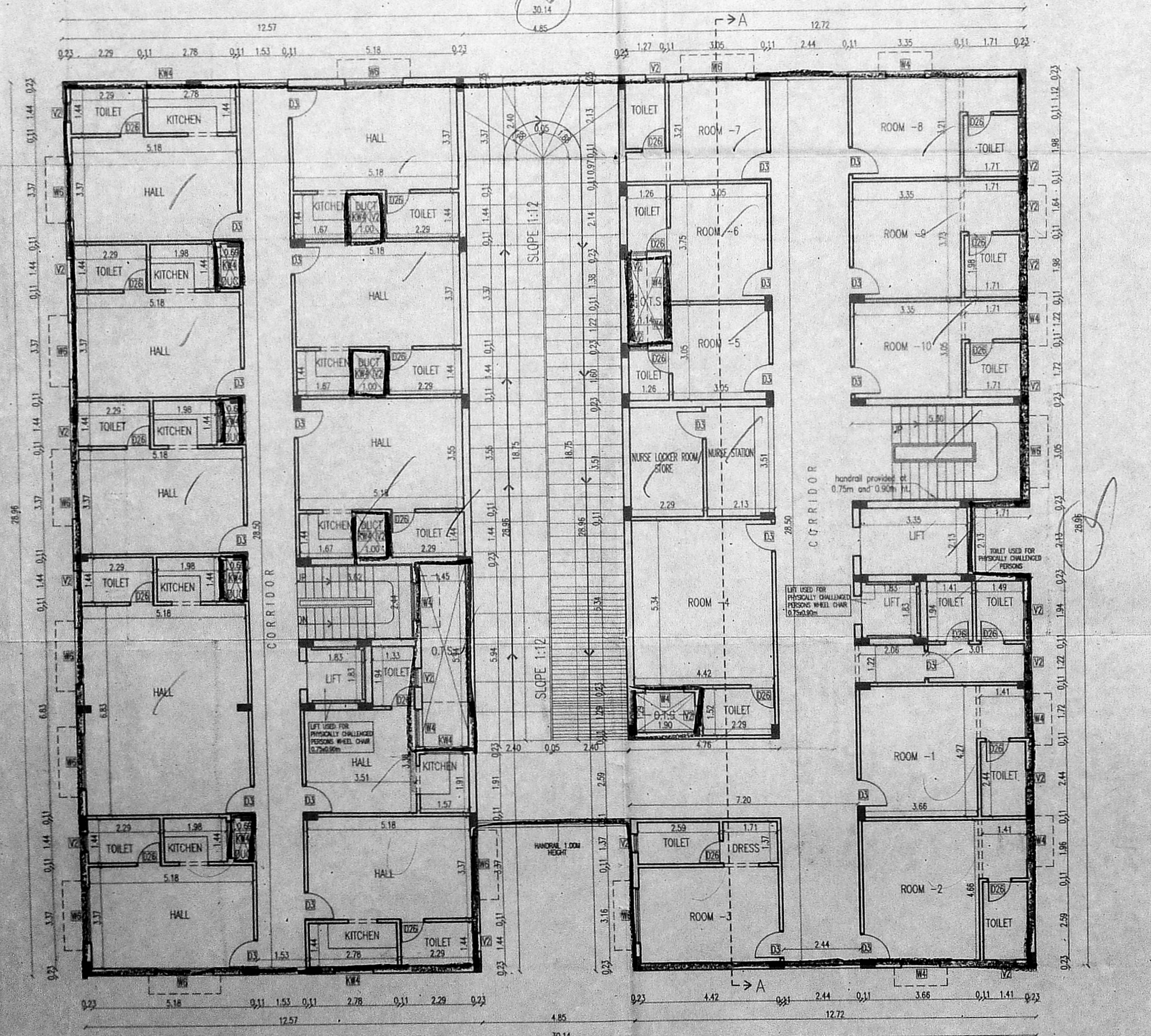
TYPE	SIZE
கார்ந்தாய்வு DOOR	0.76 X 2.44
கார்ந்தாய்வு WINDOW	1.83 X 1.52
கார்ந்தாய்வு WINDOW	1.22 X 1.52
கார்ந்தாய்வு FILTERATOR	0.91 X 0.91



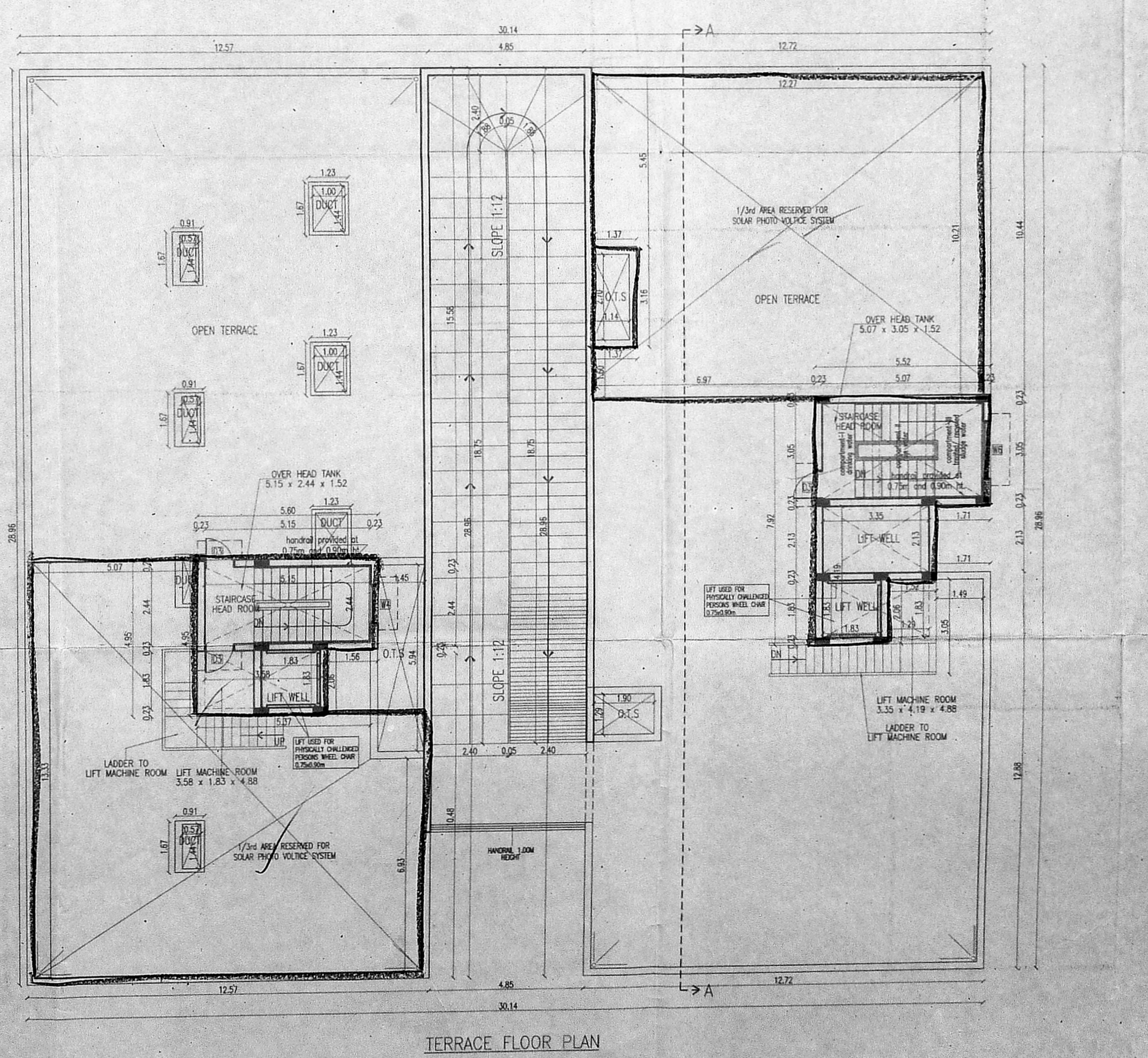
FRONT ELEVATION



SECTION - AA



THIRD FLOOR PLAN



TERRACE FLOOR PLAN

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COLOR CODE

PROPOSED	
ROAD	
BOUNDARY	

NORTH

SCALE
1" = 8'
1 : 100

OWNER(S):
K.சுசிலா
R. Susila

LICENSED SURVEYOR:

 AR. PRANIVELU VISWANATHAN
 B. ARCH, PIA, FIV, AID
 REGD. ARCHITECT & VALLUVER
 CA No. CA/97/2318-R.V. No.: F1330
 No. 65, 125, AVANBAR
 Ashok Nagar, Chennai - 600 063.
 Ph: 6565 3326, 6534 9507