

**SHEET NO:1/2 PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 4 FLOORS RESIDENTIAL BUILDING WITH 28 DWELLING UNITS AT MAXWORTH NAGAR PHASE - II, 5TH CROSS STREET, KOLAPAKKAM, CHENNAI COMPREHENSIVE IN S.NO.88/1A2B & 88/2 OF KOLAPAKKAM VILLAGE, WITHIN KUNDRATHUR PANCHAYAT UNION LIMIT.**

**SPECIFICATIONS**

FOUNDATION : IN RCC FOOTING  
 WALLS : IN CONCRETE IN CM 1:3 FOR 20 TH WALL & IN CM 1:4 FOR 10TH. WALL  
 PLASTERING : IN CM 1:3 FOR CELING & CM 1:5 FOR WALLS  
 JOINERY : IN WELL SEASONED WOOD.  
 RCC M25 : FOR COLUMNS, BEAMS, SLABS, SUNSHADE & LINTELS  
 PAINTING : TWO COATS OF CEMENT PAINT OVER ONE COAT OF PRIMER FOR ALL PLASTERED SURFACE, TWO COATS ENAMEL PAINT FOR JOINERIES  
 FLOORING : CERAMIC TILES.

**SCHEDULE OF JOINERIES**

TYPE	DESCRIPTION	SIZE
MD	MAIN DOOR	3'-6" x 7'-0"
D1	FLUSH DOOR	3'-0" x 7'-0"
D2	FLUSH DOOR	2'-6" x 7'-0"
W1	WINDOW	5'-0" x 4'-0"
KW	WINDOW	3'-3" x 4'-0"
V	VENTILATOR	2'-6" x 2'-6"
RS	ROLLING SHUTTER	10'-0" x 8'-0"

**AREA STATEMENT:-**

**PLOT EXTENT**

AS PER PATTA	1080.00	SQ.M.
AS PER DOCUMENT	1079.62	SQ.M.

FLOOR	NO OF DWELLING	FSI AREA SQ.M.
STILT FLOOR		28.81
FIRST FLOOR	7	635.17
SECOND FLOOR	7	635.17
THIRD FLOOR	7	635.17
FOURTH FLOOR	7	635.17
<b>TOTAL</b>	<b>28</b>	<b>2569.49</b>

FSI = 2.380

PARKING REQUIREMENT	REQUIRED	PROVIDED
CAR	13	13
TWO WHEELER	22	22

**COLOR INDEX :**  
 ROAD  SITE  PROPOSAL

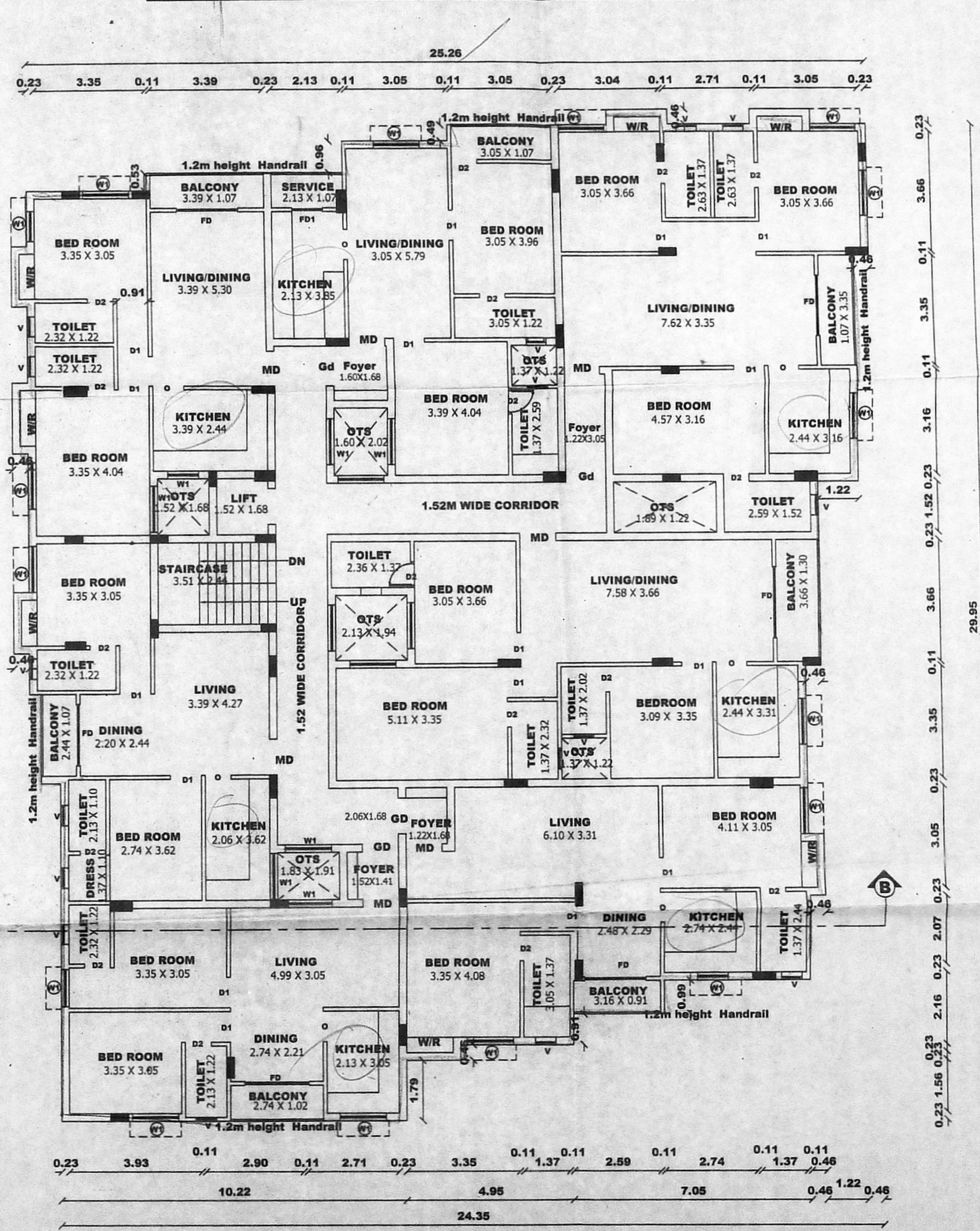
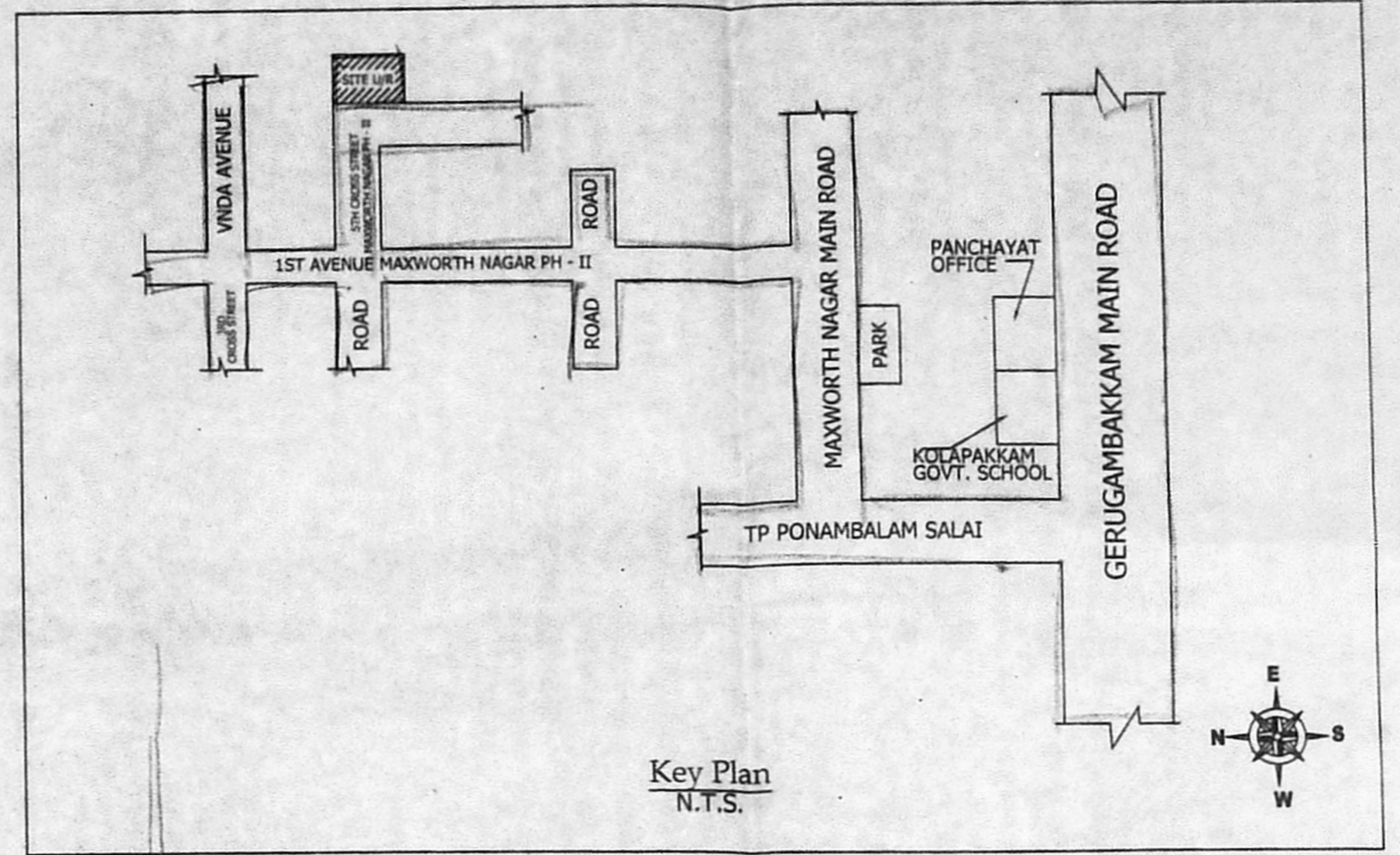
**SCALE : 1 IN 100 (1" = 8'-0")**

**NOTE : ALL DIMENSIONS ARE IN METRES ('M')**

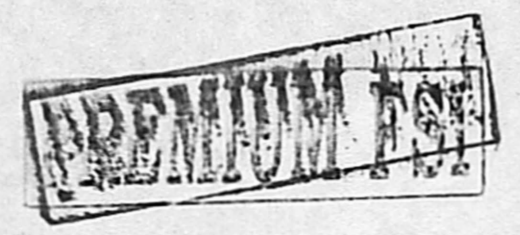
**APPLICANT SIGNATURE :**  
 v. vijayalakshmi

**ARCHITECT SIGNATURE :**  
 R. Chandrasekaran  
 R.CHANDRASEKARAN, B.E.(CIVIL)  
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**STRUCTURAL ENGINEER SIGNATURE :**  
 S. Subramaniam, M.S.(Struct), PDS, DRTL  
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 (SE / GR-I / 19 / 02 / 005)  
 New No: 14, Old No. 17A, Kannimar Villa,  
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 Chennai - 63, Ph : 24749439, 9500074947  
 kannimarcosultants@gmail.com



**TYPICAL FLOOR PLAN  
 FIRST, SECOND, THIRD AND FOURTH FLOOR**



அனுமதிக்கப்பட்டது

Planning Permission No.  
 B/NHRB/353 A/B/2020

**APPROVED**

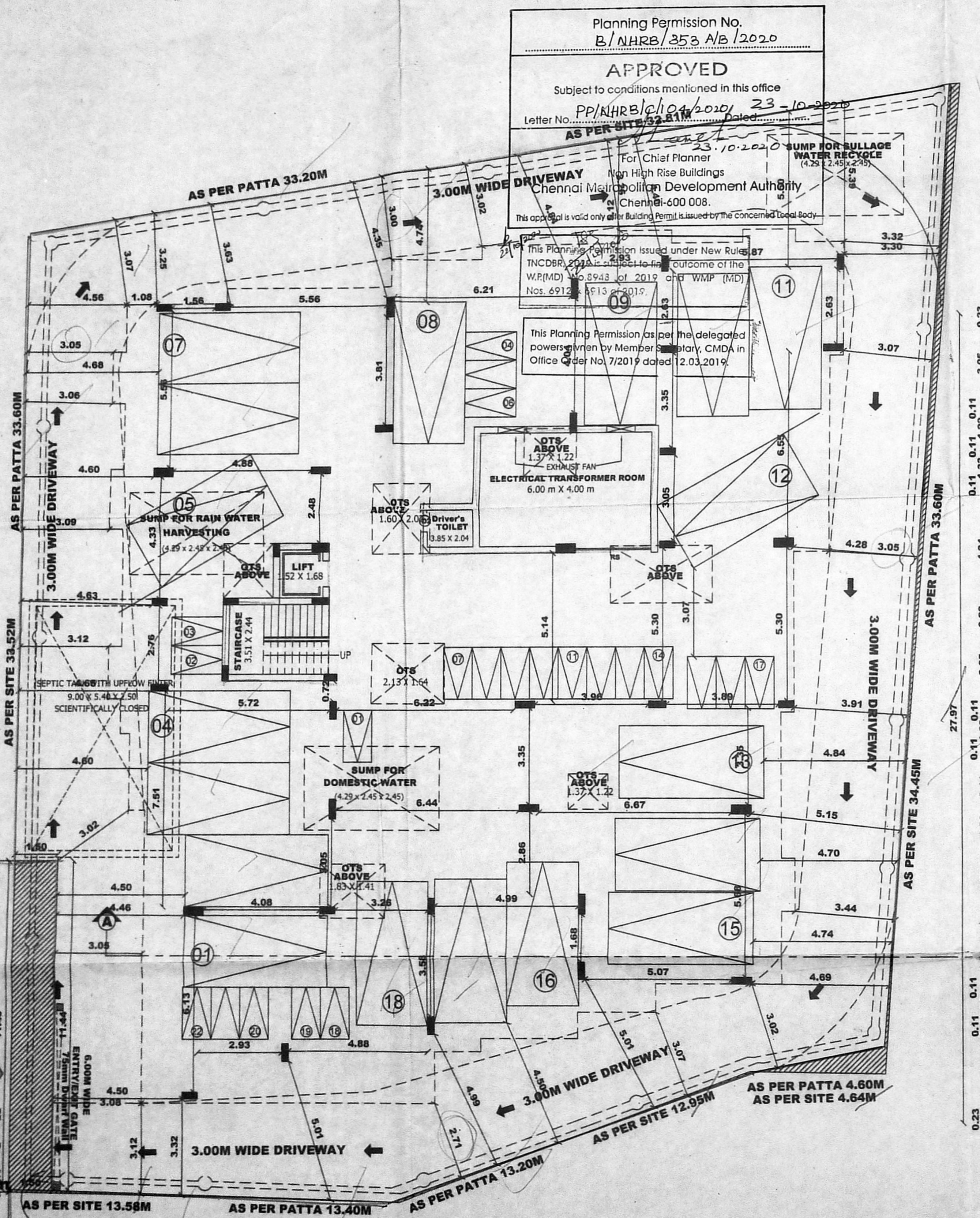
Subject to conditions mentioned in this office  
 Letter No. PP/NHRB/353 A/B/2020 Dated 23-10-2020

For Chief Planner  
 Non High Rise Buildings  
 Chennai Metropolitan Development Authority  
 Chennai-600 008.

This approval is valid only after Building Permit is issued by the concerned Local Body.

This Planning Permission issued under New Rules 87  
 MCDMR, 2014 is subject to the outcome of the  
 W.P(MD) Nos. 8943 of 2019 and WMP (MD)  
 Nos. 6912, 6913 of 2019.

This Planning Permission as per the delegated  
 powers given by Member Secretary, CMDA in  
 Office Order No. 7/2019 dated 12.03.2019.



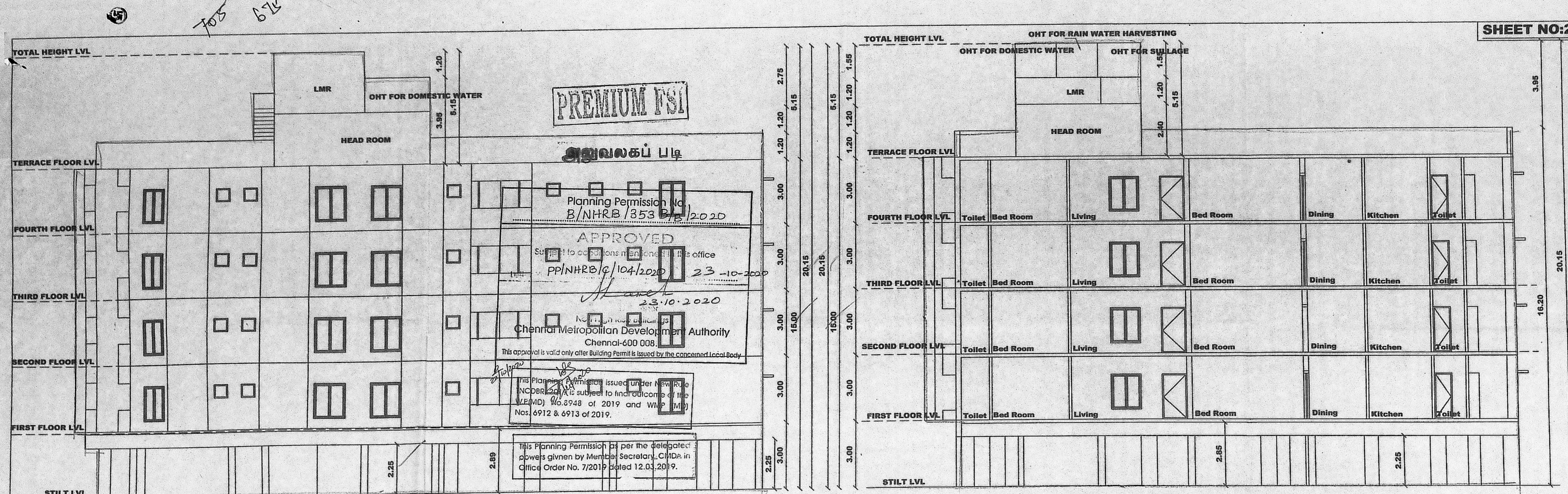
**SITE CUM STILT FLOOR PLAN**

Road Widening Portion gifted  
 To CMDA WIDE DOC No:4341/2020  
 dated 20/08/2020.  
 Area:17.13 Sq m

9.00m  
 MAX WORTH NAGAR PHASE II  
 5TH CROSS STREET







**SHEET NO:2/2**

**PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT + 4 FLOORS RESIDENTIAL BUILDING WITH 28 DWELLING UNITS AT MAXWORTH NAGAR PHASE - II, 5TH CROSS STREET, KOLAPAKKAM, CHENNAI. COMPRISED IN S.NO.88/1A2B & 88/2 OF KOLAPAKKAM VILLAGE, WITHIN KUNDRATHUR PANCHAYAT UNION LIMIT.**

PREMIUM FSI

1

29/7/2020

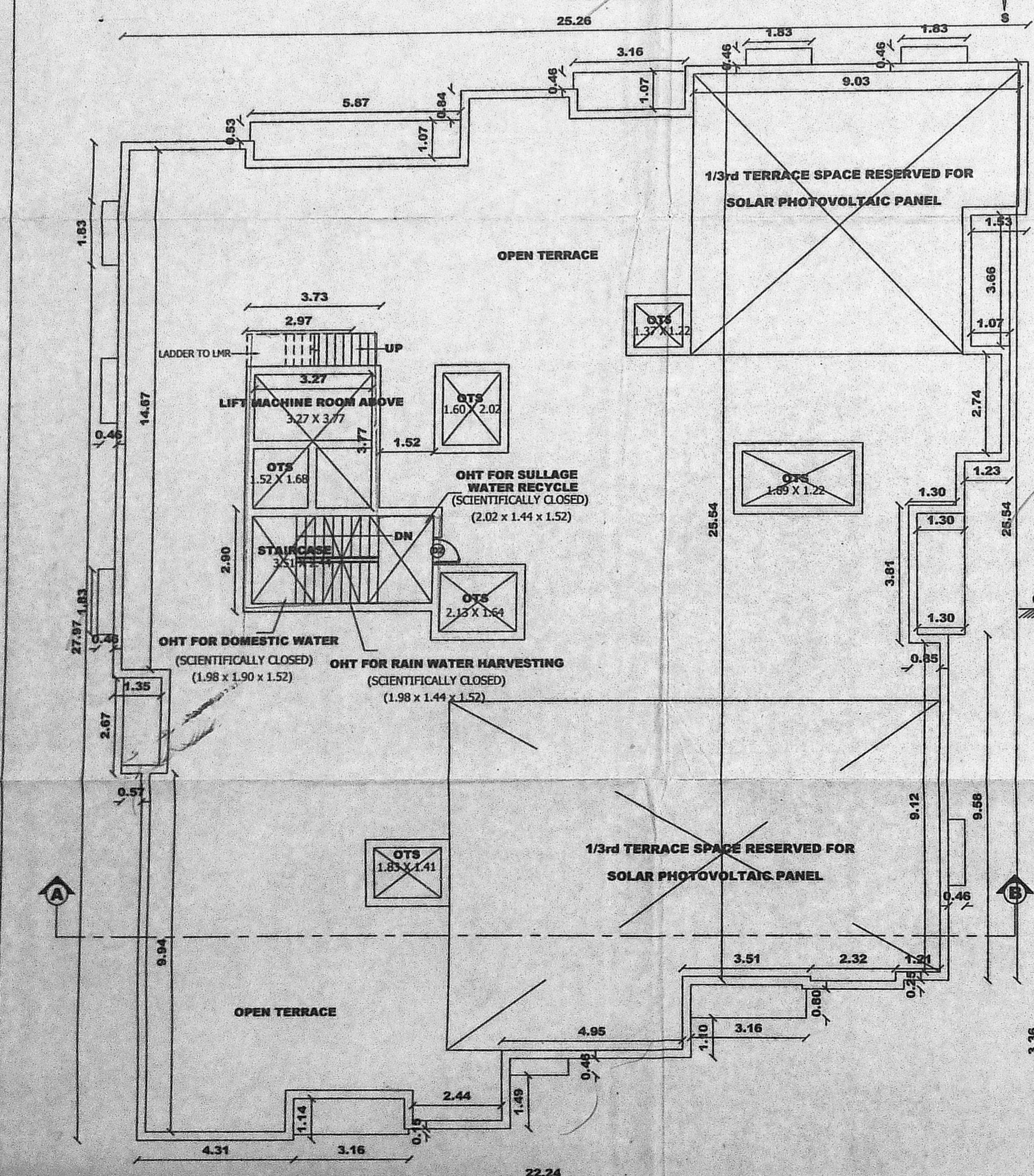
**SPECIFICATIONS :**

- FOUNDATION : IN RCC FOOTING M25
- WALLS : IN CONCRETE IN C.M.1:5 FOR 20 TH WALL & IN CM 1:4 FOR 10TH. WALL.
- PLASTERING : IN CM 1:3 FOR CELING & CM 1:5 FOR WALLS
- JOINERY : IN WELL SEASONED WOOD.
- RCC M25 : FOR COLUMNS, BEAMS, SLABS, SUNSHADE & LINTELS
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- FLOORING : CERAMIC TILES.

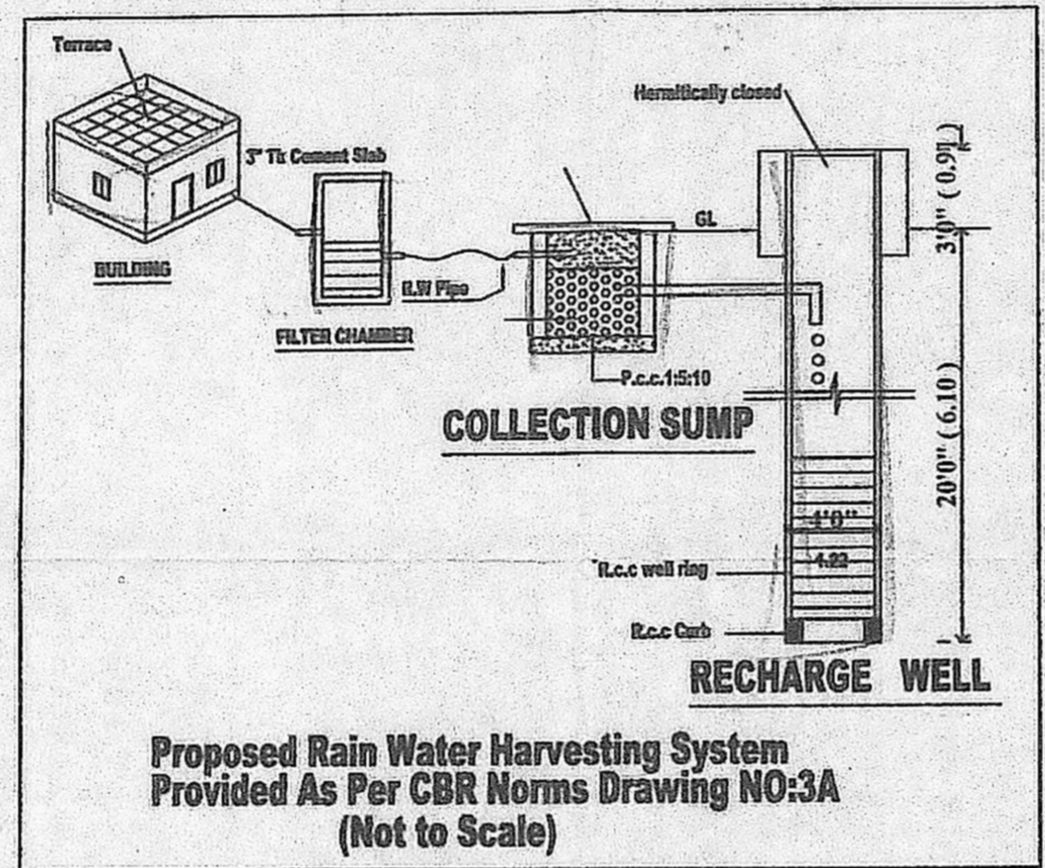
**SCHEDULE OF JOINERIES**

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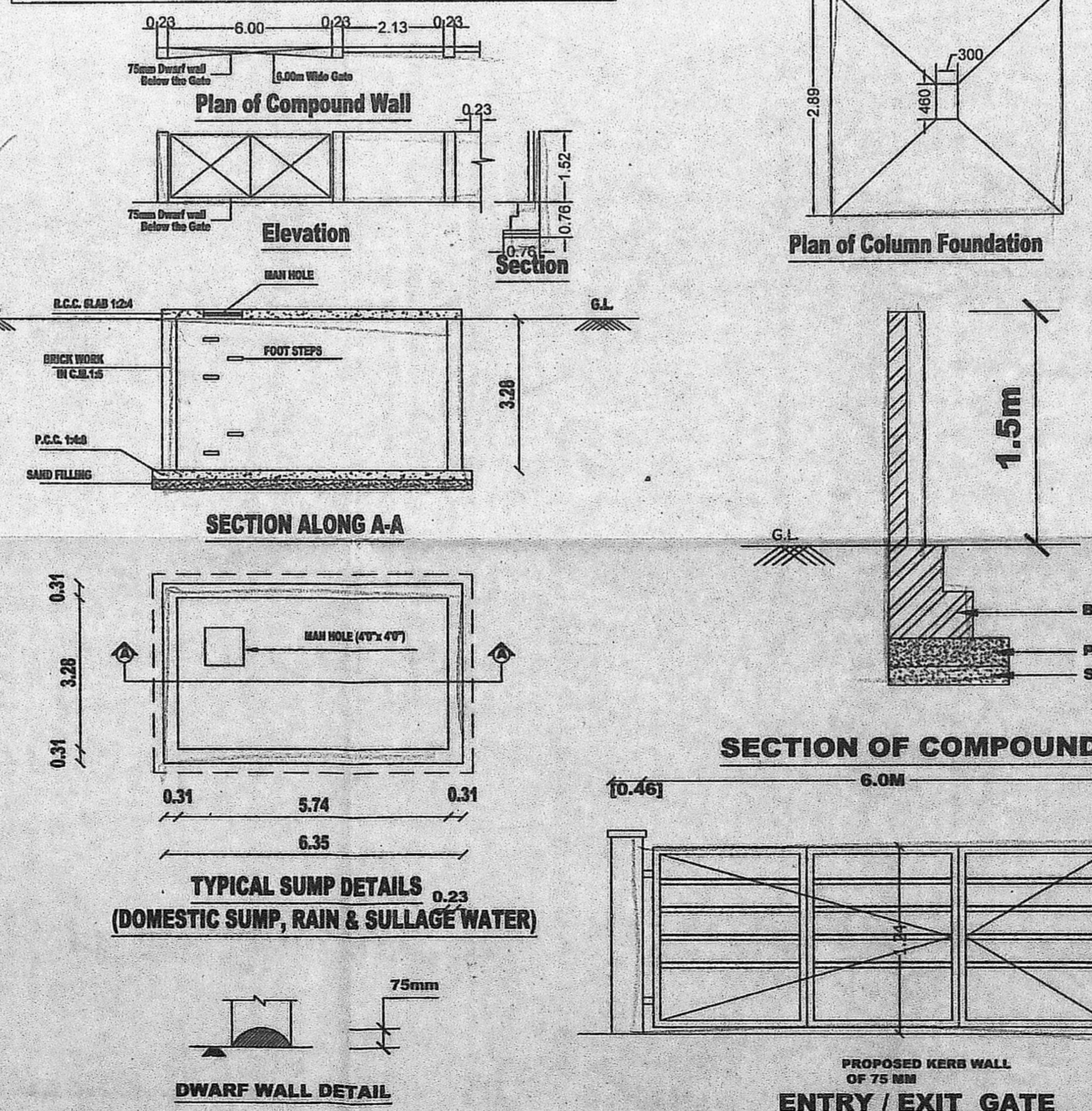
**ELEVATION WEST SIDE**



**TERRACE FLOOR PLAN**



**SECTION A-B**



**Septic Tank With Up Flow Filter Calculation For Residential Apartment**

No. of Flats : 28 Nos.  
 No. of users : 140 Nos.  
 Total No. of users : 140 Nos.  
 assume a standard users : 80 Nos.  
 Total no. of fixture units assume a peaking factor of 6 lpm.fixture unit : 80 x 6 Liters = 480 liter per minutes

**SEPTIC TANK**  
 Surface area required for the septic tank : 480 x 0.92 = 44.16 sq.m Say 45 sq.m

Volume of free board : 45.00 x 0.30m = 13.5 cu.mt  
 Volume of sedimentation : 45.00 x 0.30m = 13.5 cu.mt  
 Volume of digestion : 140 x 0.033 = 4.62 cu.mt  
 Volume of sludge : 140 x 365 x 0.0002 = 10.22 cu.mt  
 Total volume : 41.84 cu.mt

Depth of septic tank : volume : 41.84 : 0.93m Say 1.00m  
 Surface area : 45.00

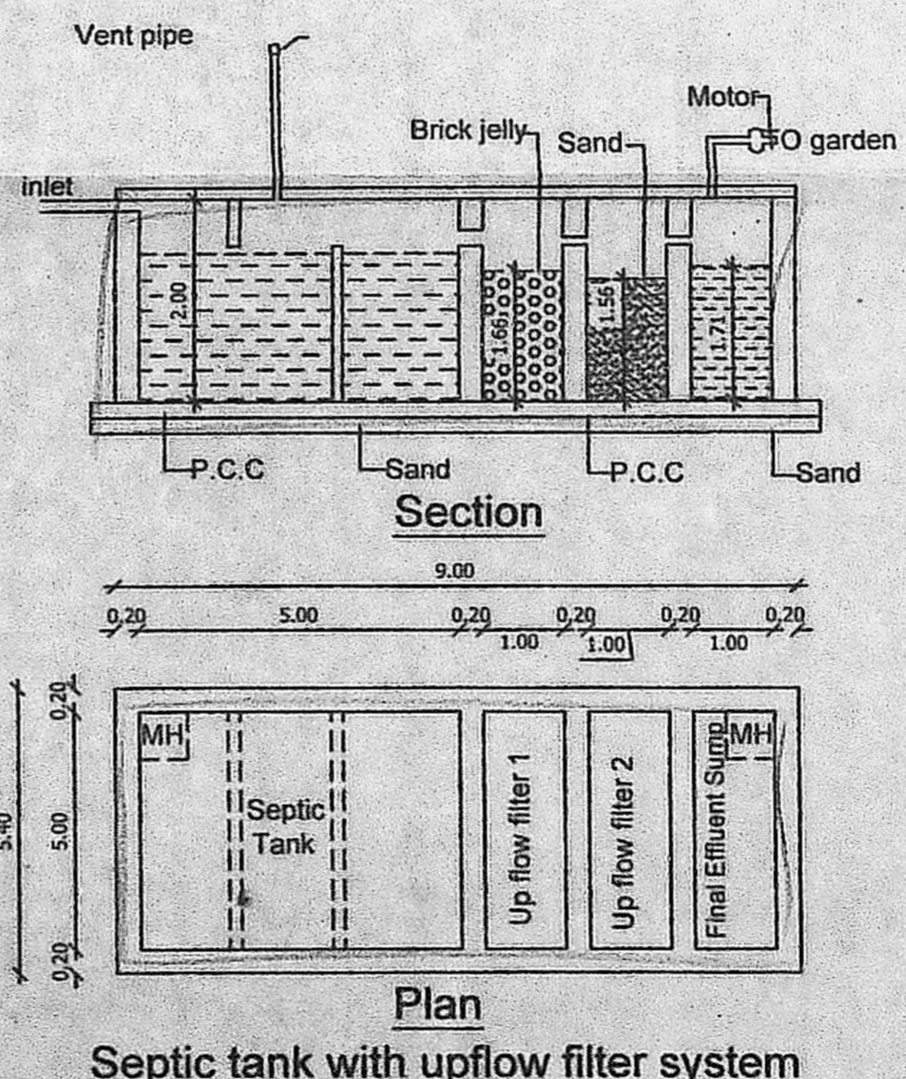
Intel pipe invert level assuming a Gradient of 1 in 8 starting from first chamber : 0.60m

Total Liquid Depth : 1.00m + 0.60m  
 Required size of septic tank : 5.00m x 5.00m x 2.00m

**UPFLOW FILTERS**  
 Capacity for 80 users : 90 x 0.045 = 4.05 cu.mt  
 Depth (assumed) : 0.8 (minimum)

Hence area of final effluent sump : 4.05 : 5.00 sq.m  
 0.8

Size of final effluent sump : 5.00 x 1.00 x 0.80m  
 Size of up flow filter (1) : 5.00 x 1.00 x 0.80m  
 Size of up flow filter (2) : 5.00 x 1.00 x 0.80m



**COLOR INDEX :**

ROAD  SITE  PROPOSAL

**SCALE : 1 IN 100 (1" = 8'-0")**

**NOTE : ALL DIMENSIONS ARE IN METRES ('M')**

**APPLICANT SIGNATURE :**

*V. Vijayalakshmi*

**ARCHITECT SIGNATURE :**

*R. Chandrasekaran*  
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**STRUCTURAL ENGINEER SIGNATURE :**

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 kannimarconsultants@gmail.com