

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

This Planning Permission issued under New Rule INCORP. 2019 is subject to the outcome of the W.P.M.D. Nos. 89743 of 2019 and W.P. (MD) Nos. 6912 & 6913 of 2019.

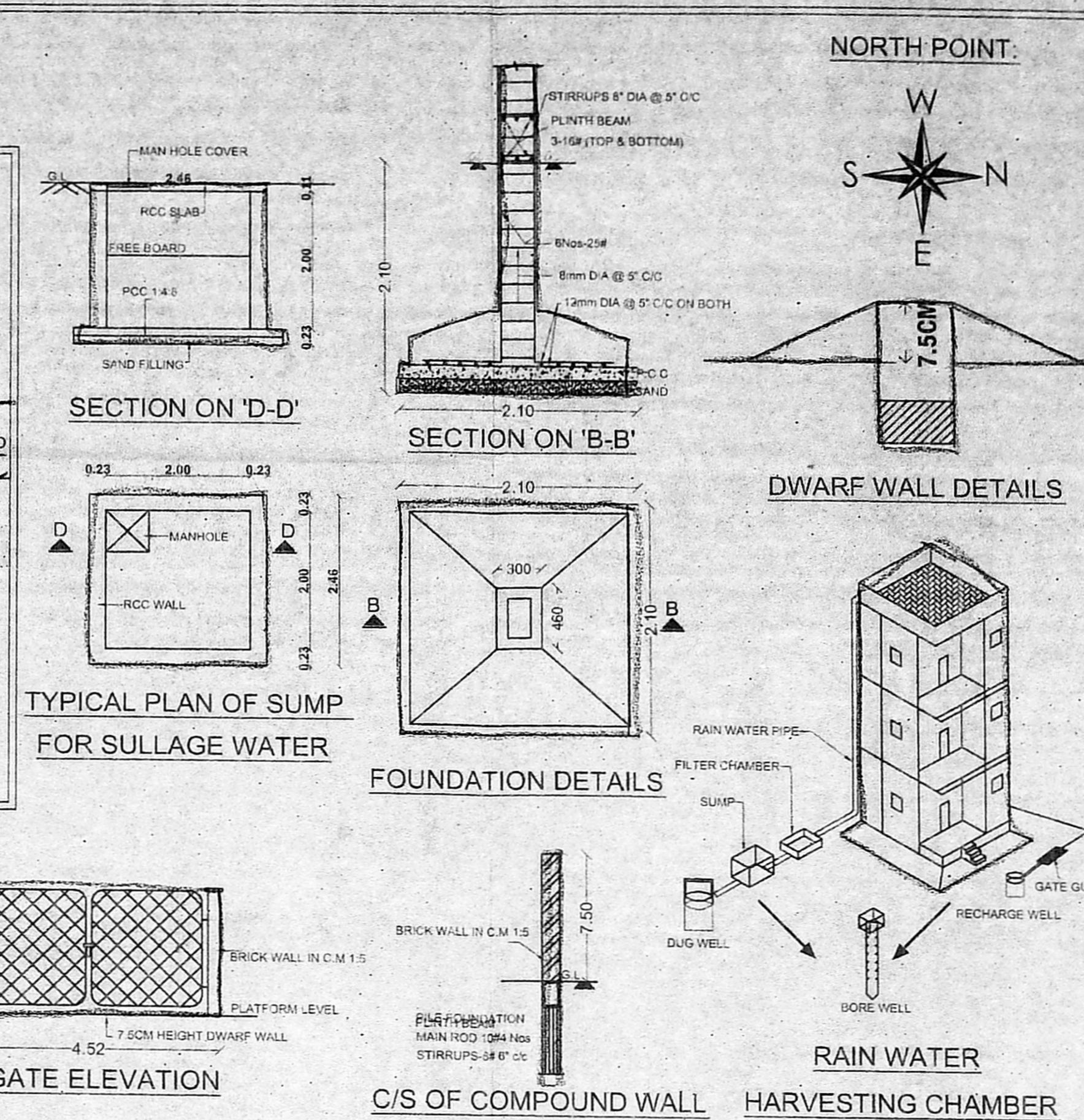
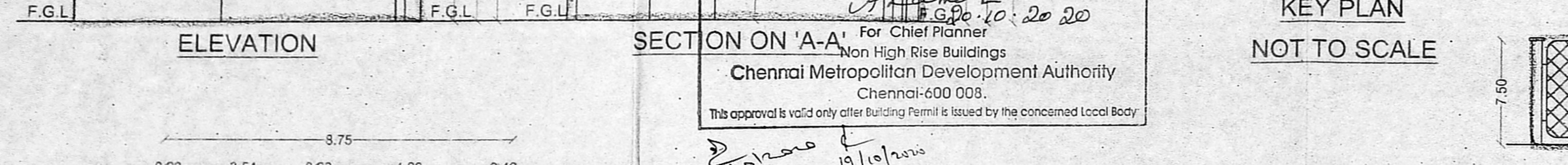
Planning Permission No. **B/NHRB/344/2020**

APPROVED

Subject to conditions mentioned in this office Letter No. **PP/NHRB/C/953/2019/20.10.2020** Dated **10.10.2020**

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

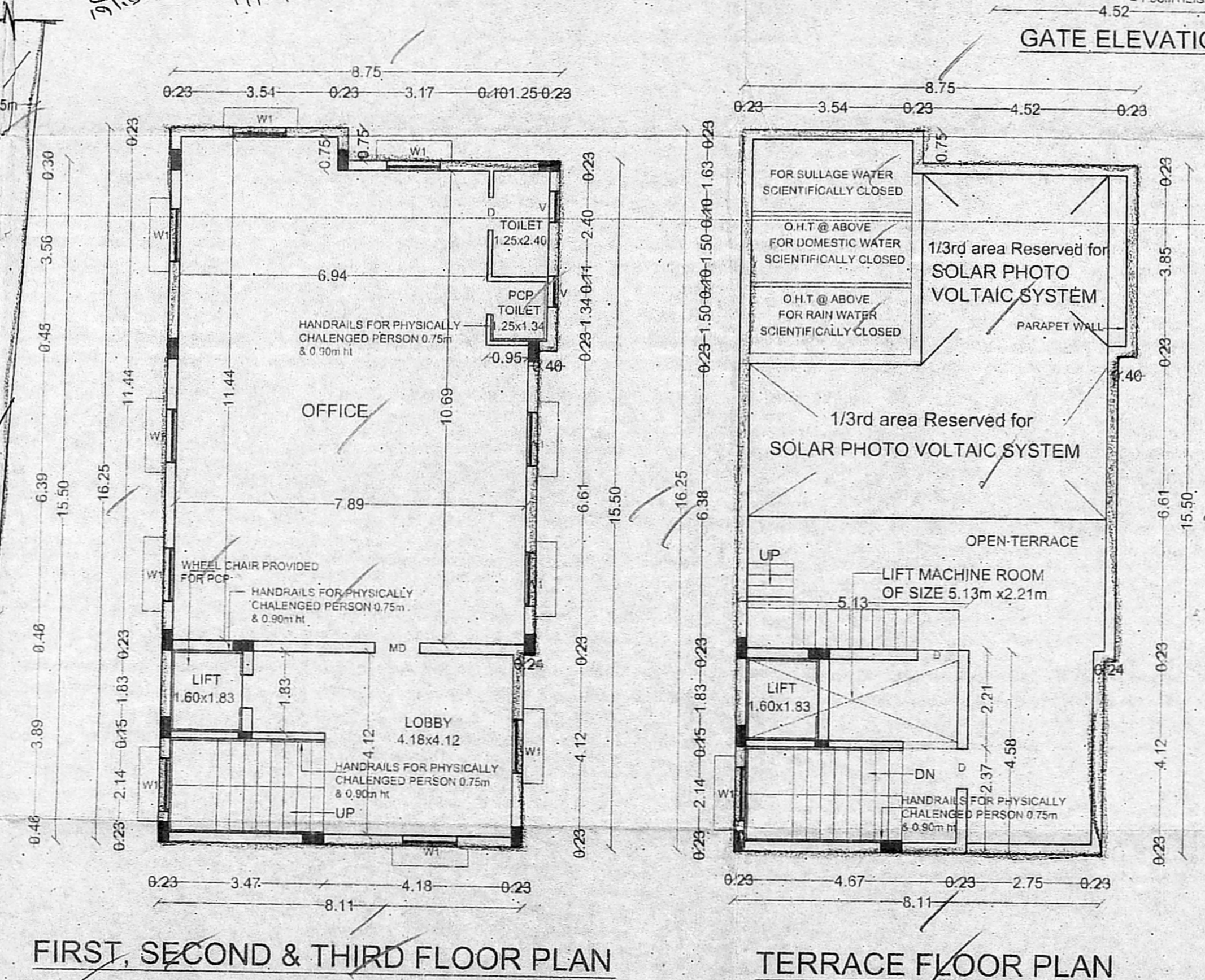
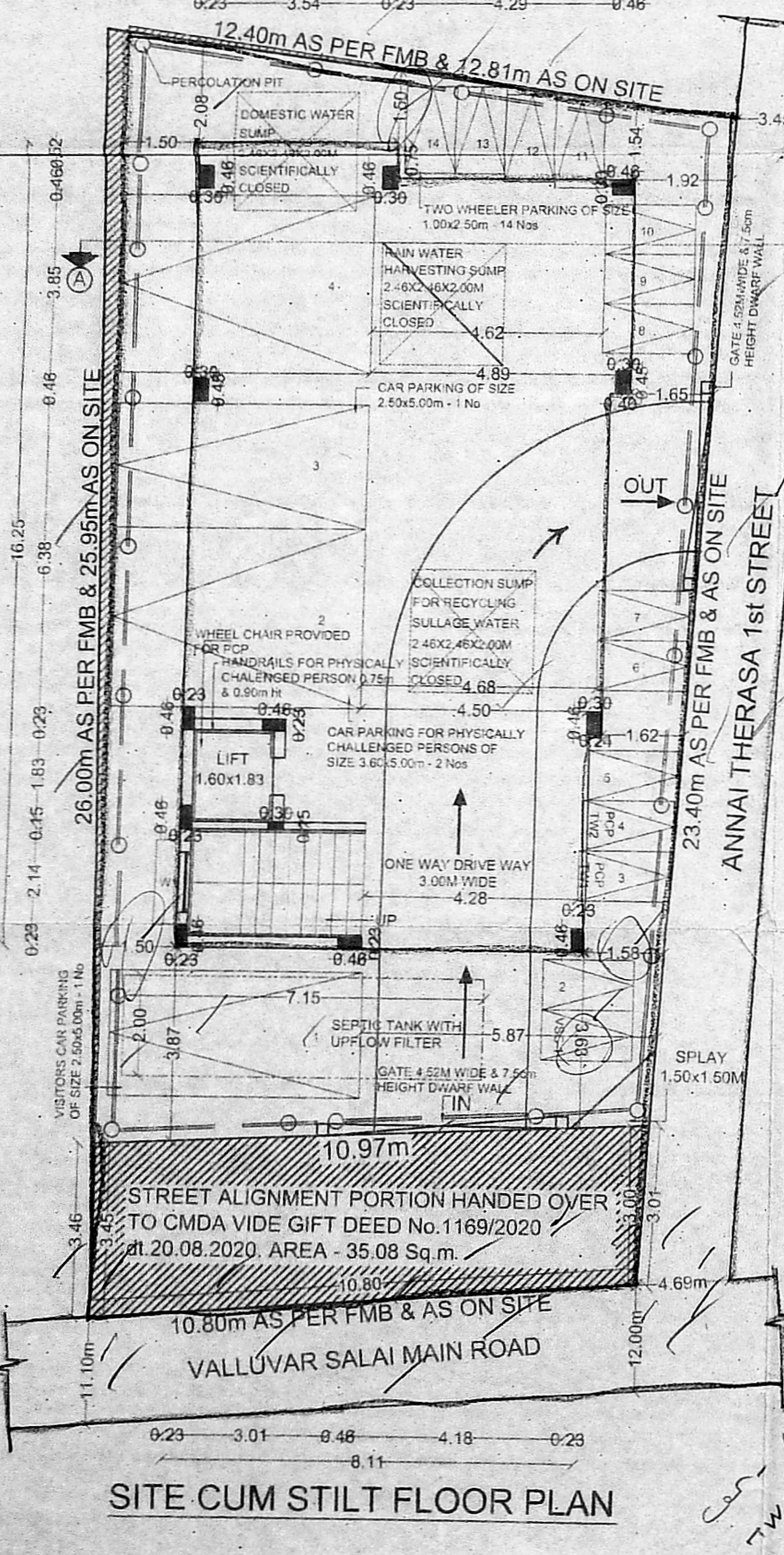
This approval is valid only after Building Permit is issued by the concerned Local Body.



TITLE: PROPOSED CONSTRUCTION OF STILT FLOOR + 3 FLOORS, OFFICE BUILDING AT VALLUVAR SALAI MAIN ROAD/ANNAI THERASA 1st STREET, RAMAPURAM, CHENNAI, COMPRISED IN OLD S.No.89/2part, NEW S.No.89/2D1 OF RAMAPURAM VILLAGE, GREATER CHENNAI CORPORATION. DIVISION - 154. ZONE - XI.

SPECIFICATIONS:

1. ROOF SLAB IN R.C.C M25 GRADE, 11cm THICK
2. BRICK WORK IN C.M 1:5
3. R.C.C COLUMN IN M25 GRADE
4. PLINTH BEAM IN R.C.C M25 GRADE
5. WALL PLASTERING IN C.M 1:5, 12mm THICK
6. CEILING PLASTERING IN C.M 1:3, 12mm THICK
7. PARAPET WALL IN C.M 1:5, 1.00m HEIGHT
8. VITRIFIED TILES FLOORING
9. TEAK WOOD DOOR FRAMES & FLUSH DOOR SHUTTERS
10. UPVC SLIDING WINDOWS WITH 4mm THICK GLASS
11. WEATHERING COURSE-BRICK JELLY CONCRETE LAID WITH PRESSED CLAY TILES



DESIGN OF SEPTIC TANK WITH UPFLOW FILTER

No of Users - 30
 No. of fixtures in Units - 6 Nos
 Discharge Assumings King's Factor of 6LPM/No = 6x6 = 36LPM

Septic tank surface area = $36 \times \frac{0.96}{10} = 3.46$ Sq.m

Say = 4 Sq.m

Volume of free board = $4 \times 0.3 = 1.2$ Cu.m
 Volume of sedimentation = $4 \times 0.3 = 1.2$ Cu.m
 Volume of defecation = $30 \times 0.032 = 0.96$ Cu.m
 Volume of sludge = $30 \times 365 \times 0.002 = 2.19$ Cu.m

Total Volume = 5.50 Cu.m

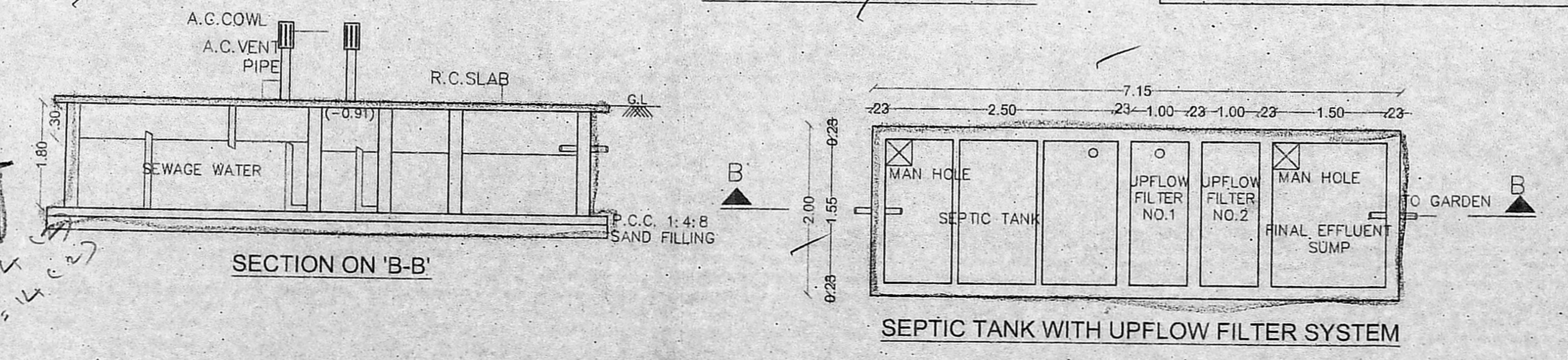
Size of Septic Tank - 1.55x2.50x1.50 m

UPFLOW FILTER

Peak Discharge - 36LPM
 Volume - $36 \times 0.043 = 1.5$
 Depth - $1.50 - 0.30 = 1.20$
 Area required $1.50 = 1.25$
 1.20

Size of up flow filter I = 1.55x1.0x1.50
 Size of up flow filter II = 1.55x1.0x1.50

The Clean outlet water from filter shall be used for gardening.



SCHEDULE OF JOINERIES:

SYMBOL	DESCRIPTION	SIZE IN METRES
MD	MAIN DOOR	1.00 x 2.10
D	DCOOR	0.75 x 2.10
W1	WINDOW	1.20 x 1.20
V	VENTILATOR	0.70 x 0.80

AREA DETAILS IN 'SQ.M'

1. EXTENT AS PER PATTA :	250.00
2. EXTENT AS PER DOCUMENT :	283.44
FLOOR	AREA
Stilt Floor	-----
First Floor	133.06
Second Floor	133.06
Third Floor	133.06
Total	399.18
Floor Space Index (FSI)	1.597

SCALE = 1:100

COLOR INDEX:

Proposed Building	
Road Limits	
Site Boundary	

APPLICANT'S SIGNATURE

Hari Krishnan

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STRUCTURAL ENGINEER

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REGISTERED ENGINEER