

PLAN SHOWING THE EXISTING STILT + 3 FLOORS + 4th FLOOR (PART) RESIDENTIAL BUILDING AT BHARATHIYAR STREET, AYANAMBAKKAM, CHENNAI COMPRISED IN S.NO:60/1B, 61/1A1B OF AYANAMBAKKAM VILLAGE, AMBATTUR TALUK, TIRUVALLUR DISTRICT, THIRUVERKADU MUNICIPALITY.

EARLIER CMDA APPROVED PP NO:B/SPL. BLDG/380A & B/2013 IN LR NO.B3/1833/2013, Dated:28.10.2013.

JOINERY DETAILS		
MD	DOOR	1.00 X 2.13
D1	DOOR	0.91 X 2.13
D2	DOOR	0.78 X 2.13
FD	FRENCH WINDOW	2.40 X 2.13
OP	OPEN	0.91 X 2.13
W	WINDOW	1.80 X 1.20
W1	WINDOW	1.50 X 1.20
W2	WINDOW	1.20 X 1.20
W3	WINDOW	0.90 X 1.20
V	VENTILATOR	0.60 X 0.75

SPECIFICATION:
 Brick work : Super structure with main wall using cm 1:5 mortar parapet wall cm 1:4 mortar.
 Wood work : Main door teak, and other doors kongu wood using.
 Rcc work : Minimum grade of concrete m25
 Flooring : All room ceramics tiles flooring.
 Earth work : All earth work excavation in foundation to be done as per the Dimension given in the section drawing

AREA DETAILS		
S.No.	DESCRIPTION	Plot Extent in Sq.M.
1	As per Patta	1950.00
2	As per Doc.	1988.11

AREA STATEMENT:-			
S.No.	Floor	F.S.I AREA in Sq.M.	No of Dwelling Units (Nos)
1	Stilt Floor	12.39	
1	First Floor	1013.86	10
2	Second Floor	1013.86	10
3	Third Floor	1013.86	10
4	Fourth floor (Part)	725.84	6
	Total	3779.81	36

PERMISSIBLE FSI = 2.00
 F.S.I ACHIEVED = 1.938

PARKING REQUIREMENTS:		
CAR PARKING	REQUIRED	PROVIDED
	33 NOS.	34 NOS.
TW PARKING	REQUIRED	PROVIDED
	13 NOS.	17 NOS.

COLOUR INDEX:-		SCALE 1:100
BOUNDARY		NORTH
ROAD		
PROPOSED REGULARISTAION		

NOTE: ALL MEASUREMENTS ARE IN METER

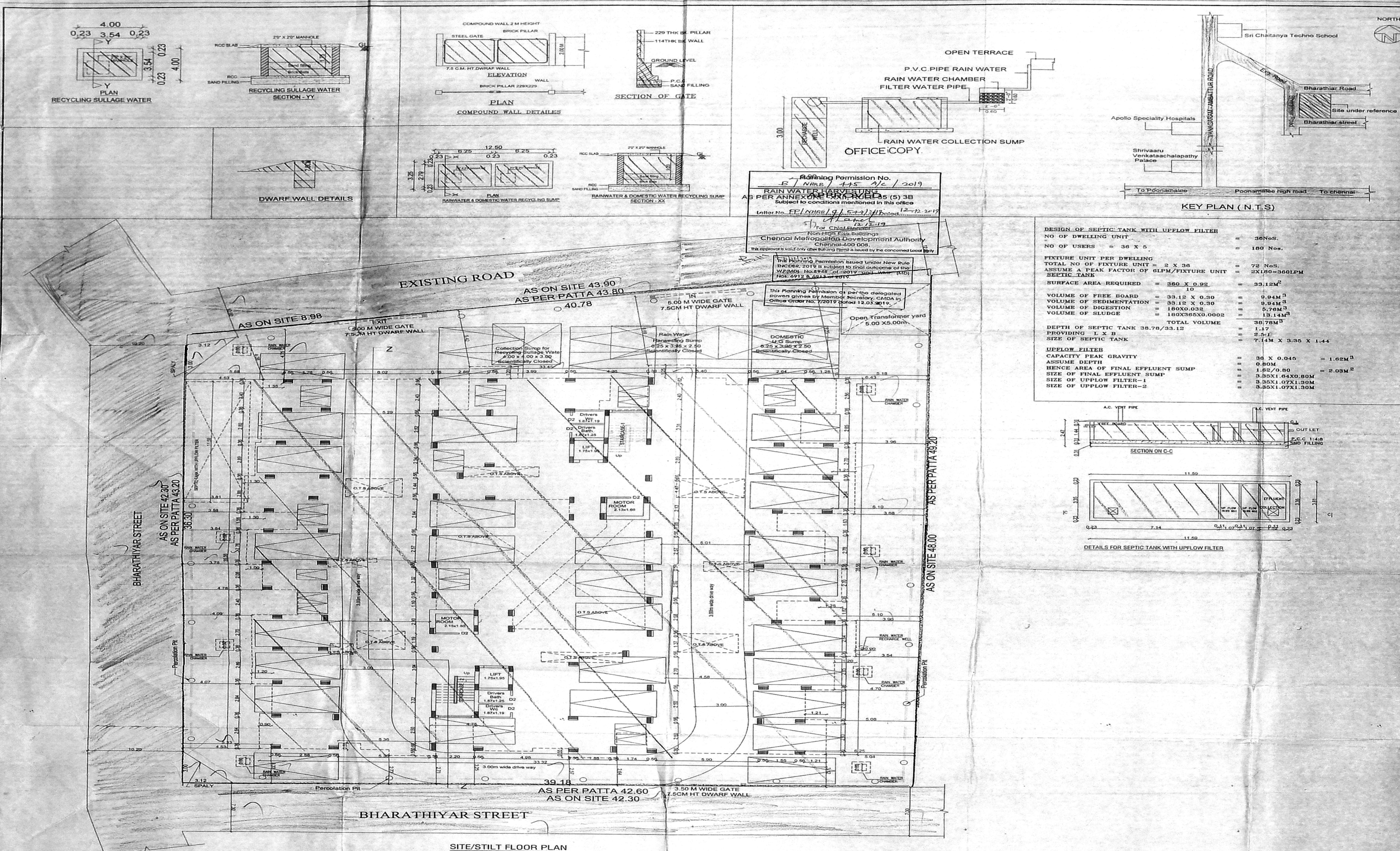
Chinnisivan
 A.T.Chinnisivan
 COA Reg. No. CH/2003/1154
 Registered Architect (RA)
 No.13, First Street, Sri Officers Colony
 - Arumbakkam, Chennai-600104

(RA) REGISTERED ARCHITECT/
 GRADE - I LICENSED SURVEYOR

Er.Vinay Jayaram
 Registered Structural Engineer
 Regn No. ST/01/2003/101
 No.13, First Street, Sri Officers Colony
 - Arumbakkam, Chennai-600104

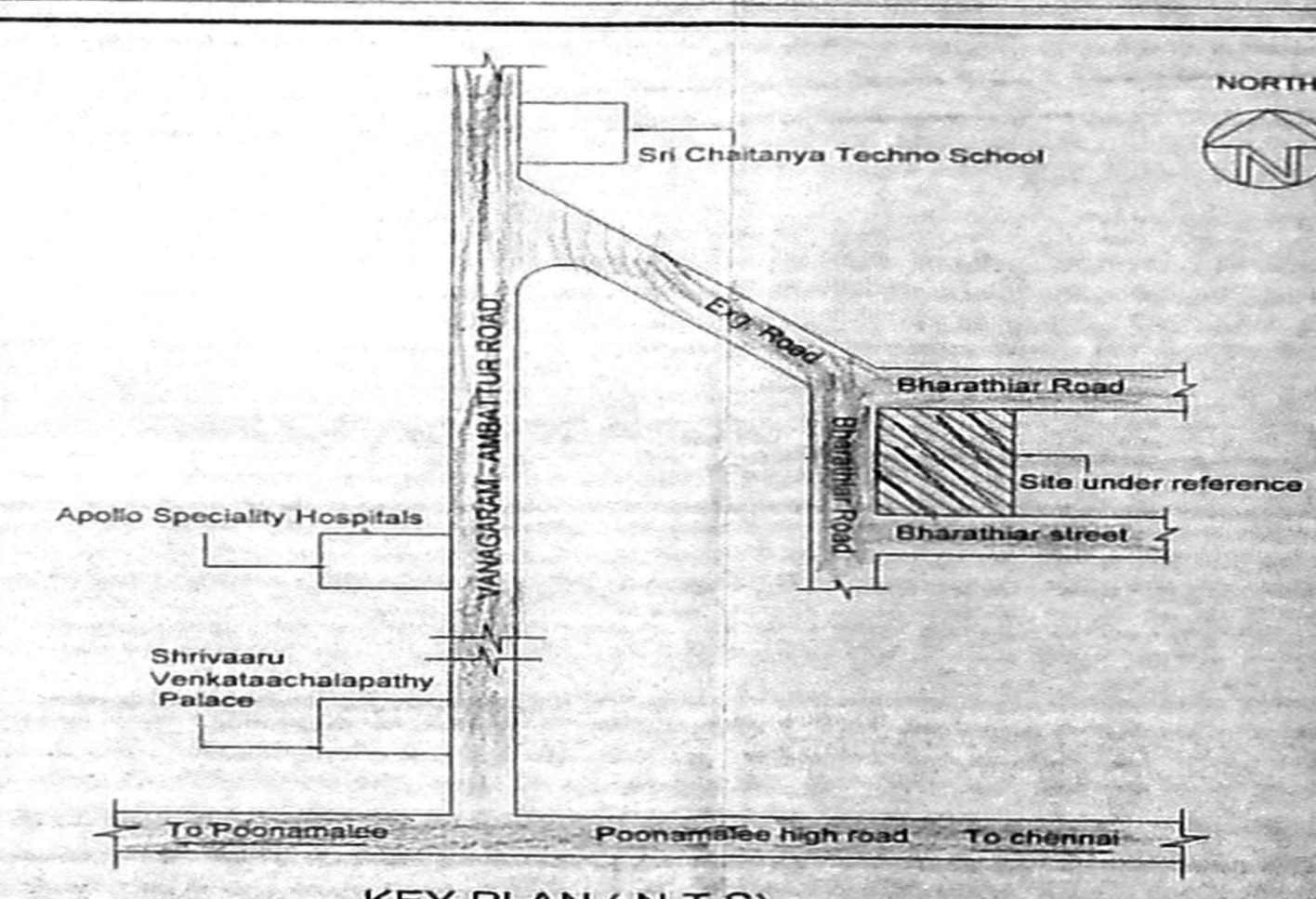
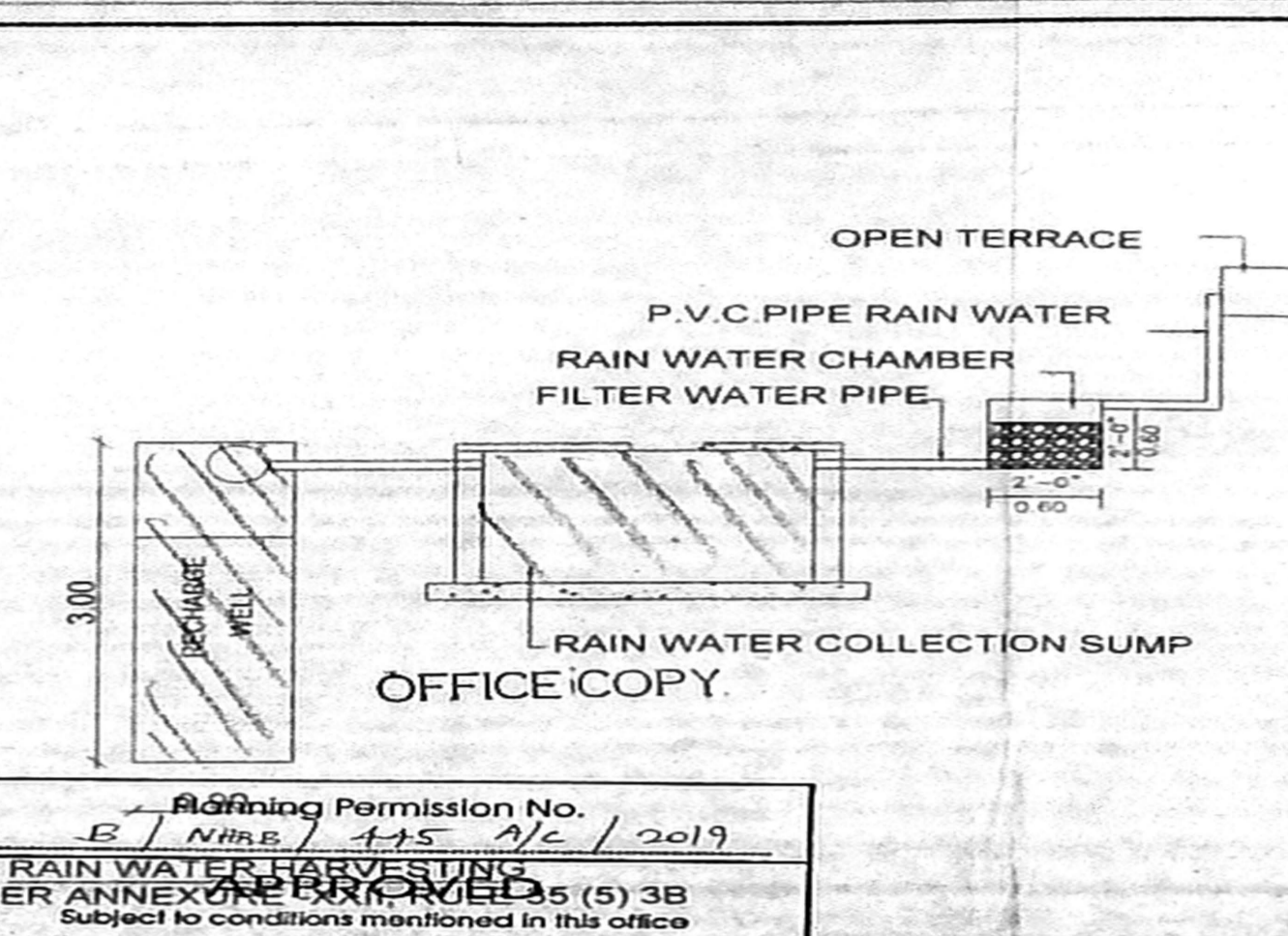
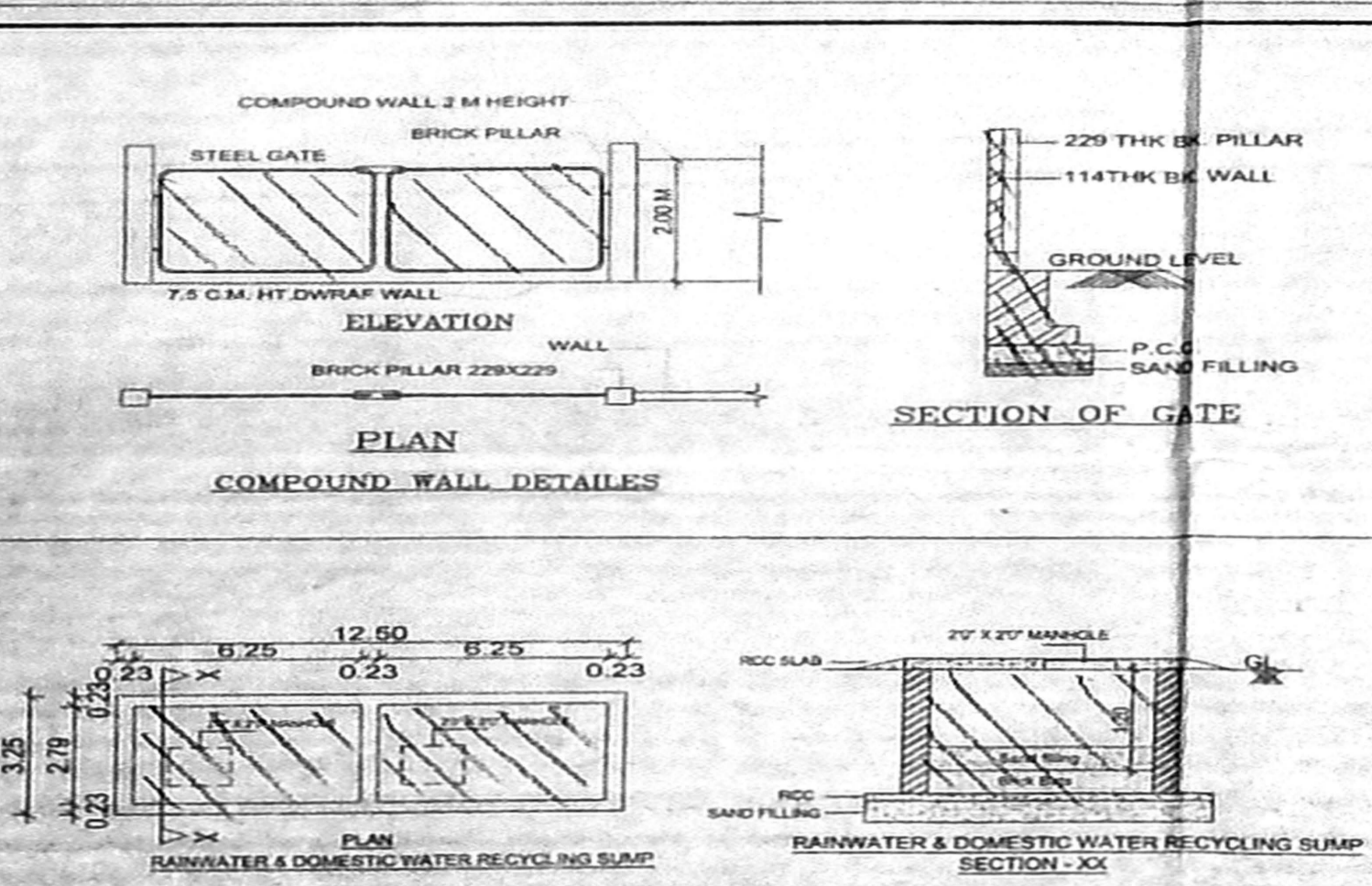
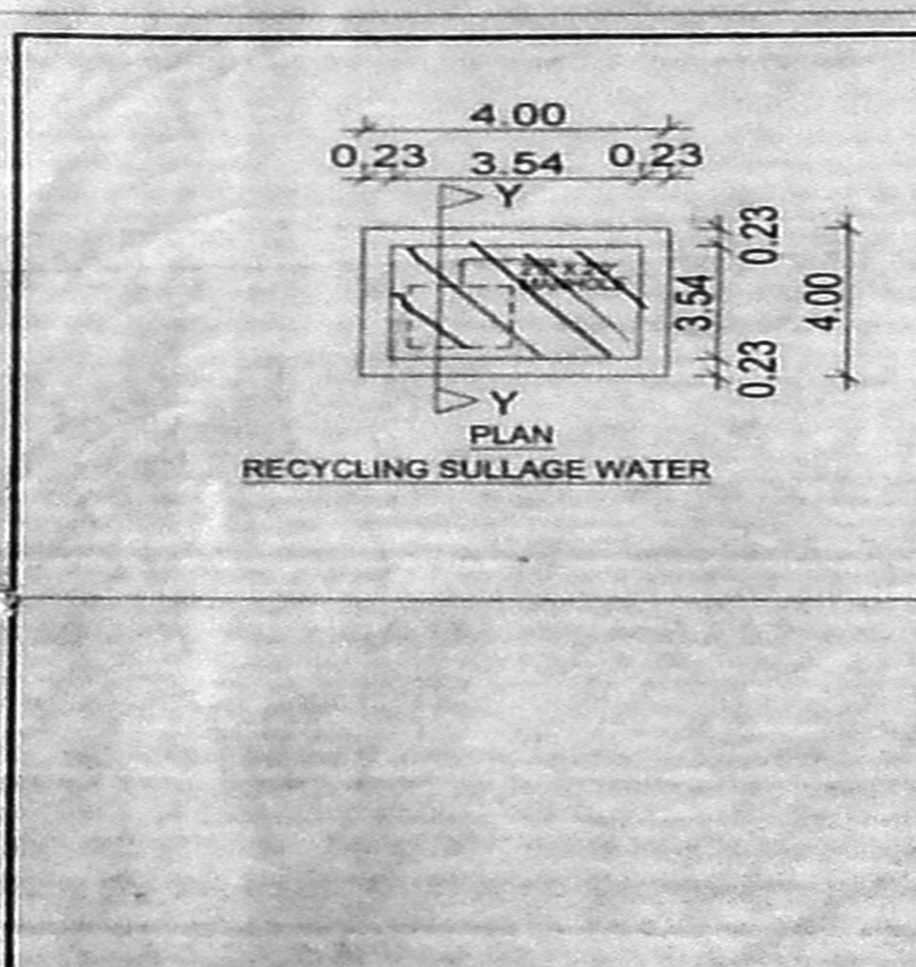
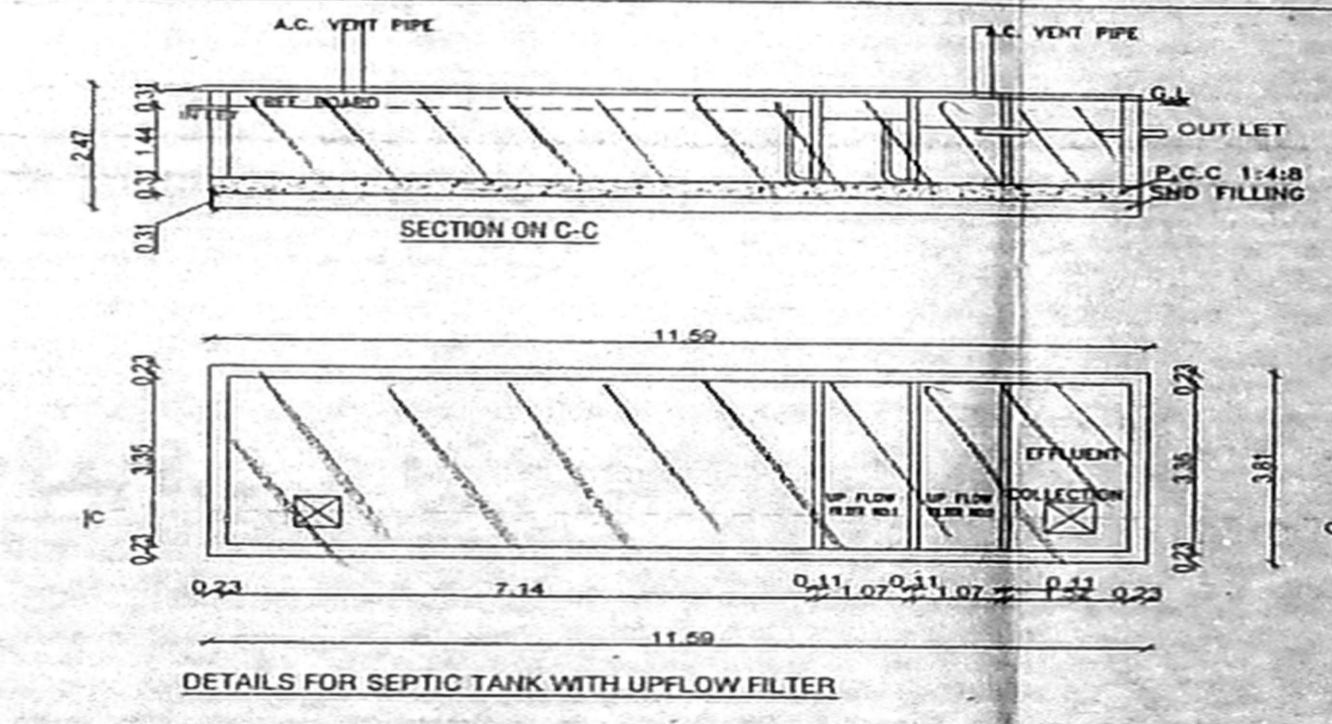
(SE) REGISTERED STRUCTURAL ENGINEER

P. Samundeeswar
 APPLICANT'S SIGNATURE



Planning Permission No. *E/11/19/2019*
 RAIN WATER HARVESTING AS PER ANNEXURE B, RULES (5) 3B
 Subject to conditions mentioned in this office
 Letter No. *EP/11/19/2019* Dated: *12-10-2019*
 For Chennai
 Non-Forest Class Building
 Chennai Metropolitan Development Authority
 Chennai-600 008.
 This approval is valid only for the building mentioned in the concerned local body.

DESIGN OF SEPTIC TANK WITH UPFLOW FILTER
 NO OF DWELLING UNIT = 36 Nos.
 NO OF USERS = 36 X 5 = 180 Nos.
 FIXTURE UNIT PER DWELLING = 2 X 36 = 72 Nos.
 TOTAL NO OF FIXTURE UNIT = 72 Nos.
 ASSUME A PEAK FACTOR OF GLPM/FIXTURE UNIT = 2X180=360LPM
 SEPTIC TANK
 SURFACE AREA REQUIRED = $360 \times 0.92 = 33.12 \text{ M}^2$
 VOLUME OF FREE BOARD = $33.12 \times 0.30 = 9.94 \text{ M}^3$
 VOLUME OF SEDIMENTATION = $33.12 \times 0.30 = 9.94 \text{ M}^3$
 VOLUME OF DIGESTION = $180 \times 0.03 = 5.76 \text{ M}^3$
 VOLUME OF SLUDGE = $180 \times 0.0002 = 0.036 \text{ M}^3$
 TOTAL VOLUME = 38.78 M^3
 DEPTH OF SEPTIC TANK $38.78/33.12 = 1.17$
 PROVIDING L X B = 2.5×1
 SIZE OF SEPTIC TANK = $7.14 \text{ M} \times 3.35 \text{ M} \times 1.44$
 UPFLOW FILTER
 CAPACITY PEAK GRAVITY = $36 \times 0.045 = 1.62 \text{ M}^3$
 ASSUME DEPTH = 0.80 M
 HENCE AREA OF FINAL EFFLUENT SUMP = $1.62/0.80 = 2.03 \text{ M}^2$
 SIZE OF FINAL EFFLUENT SUMP = $3.35 \times 1.64 \times 0.80 \text{ M}$
 SIZE OF UPFLOW FILTER-1 = $3.35 \times 1.07 \times 1.50 \text{ M}$
 SIZE OF UPFLOW FILTER-2 = $3.35 \times 1.07 \times 1.50 \text{ M}$

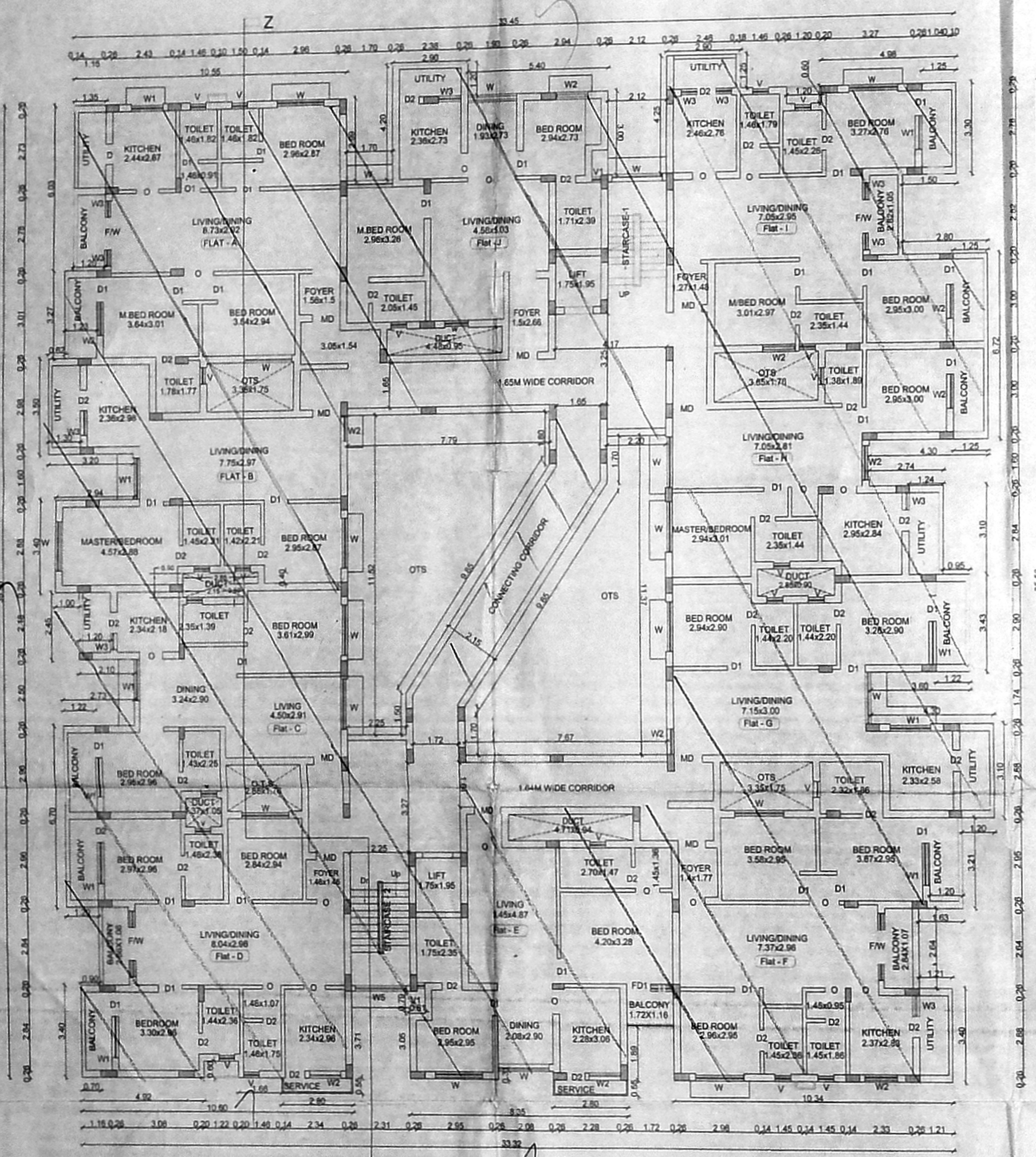


SITE/STILT FLOOR PLAN

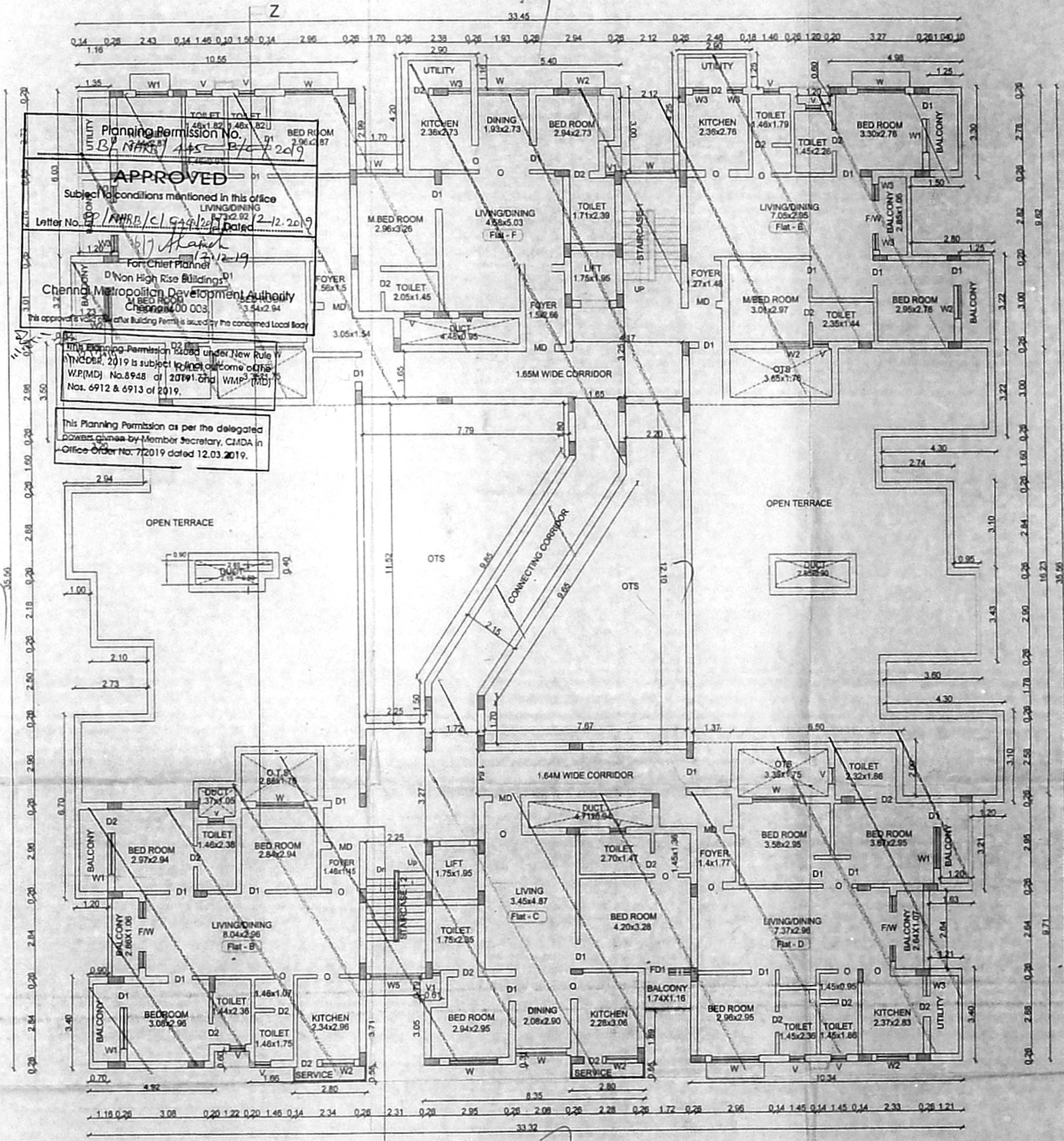
PLAN SHOWING THE EXISTING STILT + 3 FLOORS
 4th FLOOR (PART) RESIDENTIAL BUILDING AT
 BHARATHIAR STREET, AYANAMBAKKAM, CHENNAI
 COMPRISED IN S.NO:60/1B, 61/1A1B OF
 AYANAMBAKKAM VILLAGE, AMBATTUR TALUK,
 TIRUVALLUR DISTRICT, THIRUVERKADU
 MUNICIPALITY.

EARLIER CMDA APPROVED PP NO:B/SPL. BLDG/380A & B/2013
 IN LR NO.B3/1833/2013, Dated:28.10.2013.

OFFICE COPY



TYPICAL 1st, 2nd & 3rd FLOOR PLAN



FOURTH FLOOR PLAN

Planning Permission No. W/PP/11/9/2019
 APPROVED
 Subject to conditions mentioned in this office
 Letter No. W/PP/11/9/2019 dated 12.12.2019
 For Chief Planner
 Chennai Metropolitan Development Authority
 Chennai-600 003
 This Planning Permission is issued under New Rule
 No. 10 of 2019 is subject to the outcome of the
 W/PP/11/9/2019 and W/PP/11/9/2019
 Nos. 6912 & 6913 of 2019.
 This Planning Permission as per the delegated
 powers given by Member Secretary, CMDA in
 Office Order No. 72019 dated 12.03.2019.

JOINERY DETAILS

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SPECIFICATION:

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 Wall cm 1:4 mortar.

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Flooring : All room ceramics tiles flooring.

Earth work : All earth work excavation in foundation to be done as per the
 Dimension given in the section drawing.

COLOUR INDEX:-

BOUNDARY		SCALE 1:100
ROAD		
PROPOSED		
REGULARISTAION		

NORTH

NOTE: ALL MEASUREMENTS ARE IN METER

Ar.T.Chithral Selvan
 COA Regn.No. GA/2003/1354
 Registered Architect/CI (RA)
 No.13, First Street, SBI Officers Colony,
 Ambalambakkam, Chennai-600 156

(RA) REGISTERED ARCHITECT/
 GRADE - I LICENSED SURVEYOR

Ar.Vinay Jayaram
 Registered Structural Engineer
 Regn.No. S250R/19/04/01
 No.13, First Street, SBI Officers Colony,
 Chennai-600 156

(SE) REGISTERED STRUCTURAL ENGINEER

P. Samundeesan
 APPLICANT'S SIGNATURE

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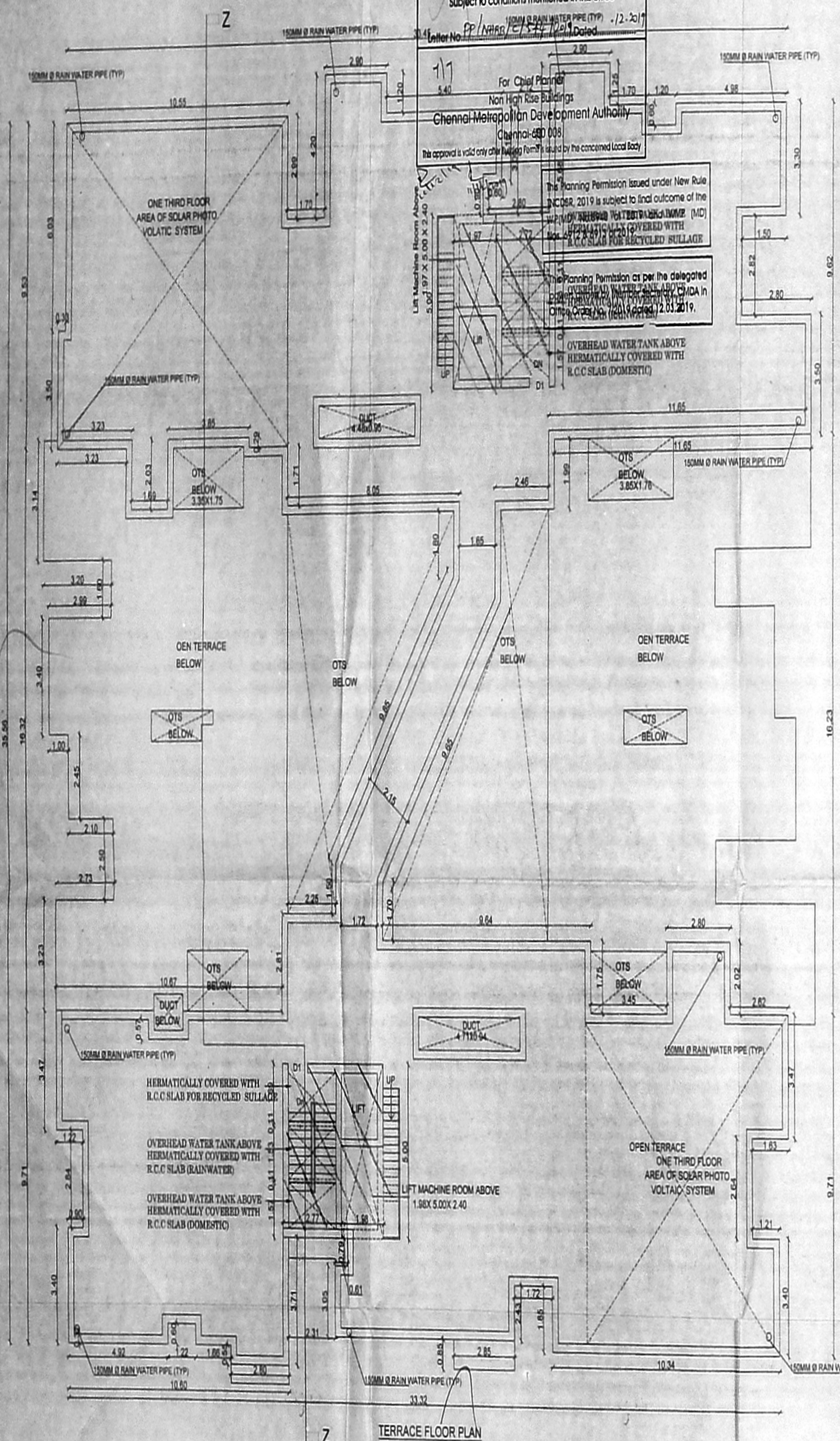
10-00
 17-10-2019
 SHEET NO. 3/3
 110-00860-01
 PLAN SHOWING THE EXISTING STILT F3 FLOORS & 4th FLOOR (PART) RESIDENTIAL BUILDING AT BHARATHIAR STREET, AYANAMBAKKAM, CHENNAI COMPRISED IN S.NO:60/1B, 61/1A1B OF AYANAMBAKKAM VILLAGE, AMBATTUR TALUK, TIRUVALLUR DISTRICT. THIRUVERKADU MUNICIPALITY.

Planning Permission No.
 B/ NHRD/ 445 C/C / 26/17
APPROVED
 Subject to conditions mentioned in this office
 PP/ NHRD/ 445 C/C / 26/17 Dated: .12.2017

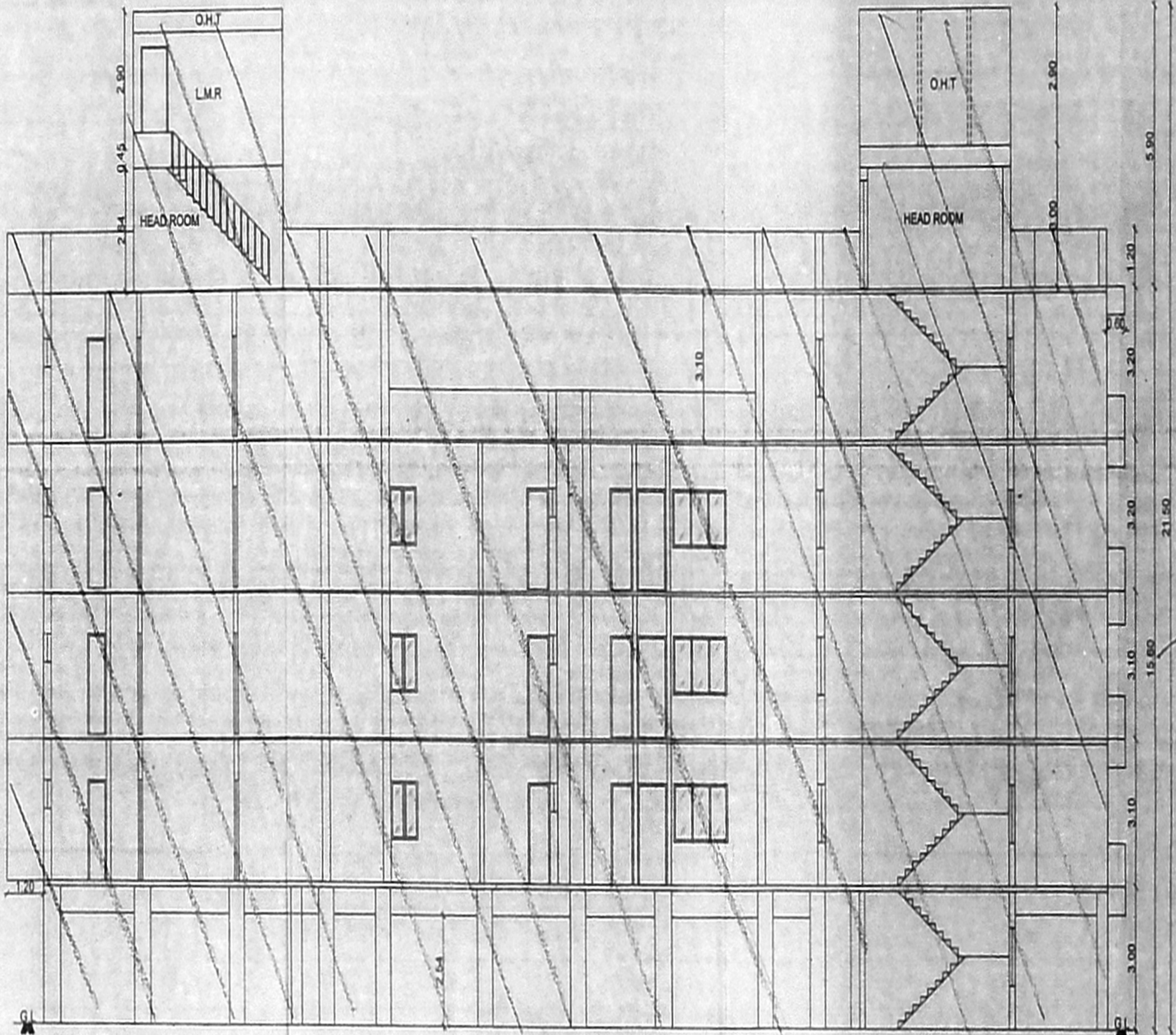
For Civil Planning
 Non High Rise Buildings
 Chennai Metropolitan Development Authority
 Chennai-600 005
 This approval is valid only when the work is supervised by the concerned Local Body.
 This Planning Permission issued under New Rule No. 2019 is subject to final outcome of the proposed water supply scheme (MCD) which is to be provided to the area.

This Planning Permission as per the delegated powers of the Chennai Metropolitan Development Authority (CMDA) in the year 2019, is hereby issued for the proposed construction of the building with R.C.C slab for recycled sullage.

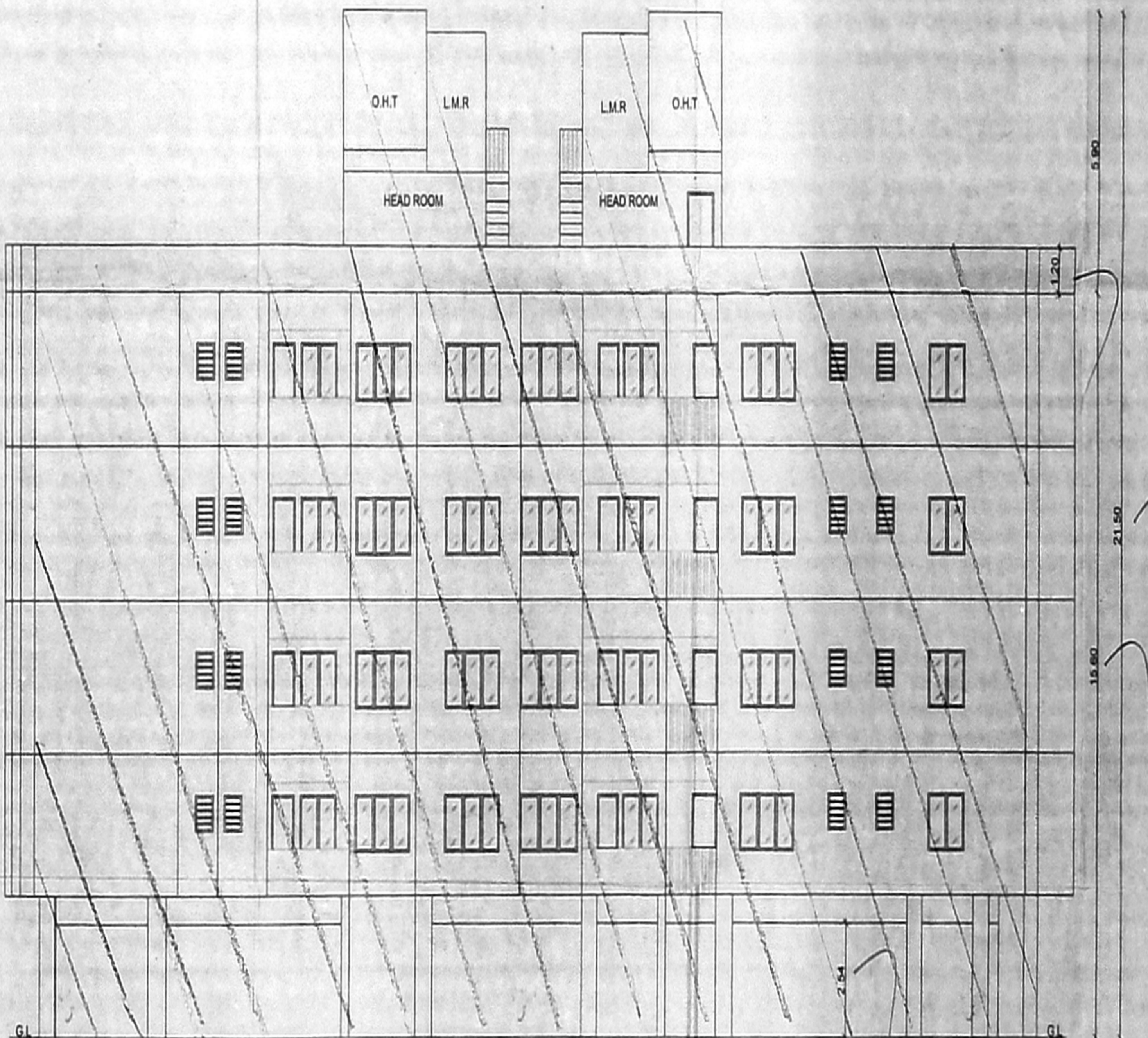
OVERHEAD WATER TANK ABOVE HERMETICALLY COVERED WITH R.C.C SLAB (DOMESTIC)



TERRACE FLOOR PLAN



SECTION AT-Z-Z



SOUTH SIDE ELEVATION

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COLOUR INDEX:- SCALE 1:100

BOUNDARY		<p>NORTH</p>
ROAD		
PROPOSED		
REGULARISATION		

NOTE: ALL MEASUREMENTS ARE IN METER

Er. Vinay Jayaram
 Registered Structural Engineer Grade - I (SE)
 Regn. No. SE/08/2014/107
 No. 13, First Street, SBI Officers Colony
 Anumbakkam, Chennai - 600 005

(RA) REGISTERED ARCHITECT/
 GRADE - I LICENSED SURVEYOR

Ar. T. Chithirai Sivan
 COA Regn. No. CA/2008/27034
 Registered Architect (A-1344)
 RA/01/19/479
 No. 13, First Street, SBI Officers Colony
 Anumbakkam, Chennai - 600 005
 (SE) REGISTERED STRUCTURAL ENGINEER

P. Samundeeswar
 APPLICANT'S SIGNATURE