

**TITLE:** PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR + 5 FLOORS SERVICE APARTMENT BUILDING AT CHETTIYARAGARAM, 1ST STREET, VANAGARAI, CHENNAI, TAMIL NADU IN OLD S.NO.56/1A, 56/2 & 51, NEW S.NO.56/1A2 OF CHETTIYARAGARAM VILLAGE, GREATER CHENNAI CORPORATION DIVISION NO. 150 AND ZONE NO. XI.

**PREMIUM FS1**

**SCHEDULE OF JOINERY**

TYPE	WIDTH	HEIGHT	DESCRIPTION
D	2.50	2.10	DOOR
D1	1.50	2.10	DOOR
D2	1.20	2.10	DOOR
D3	1.00	2.10	DOOR
D4	0.90	2.10	DOOR
D5	0.75	2.10	DOOR
D6	0.60	2.10	DOOR
W	1.50	1.20	WINDOW
W1	0.75	1.20	WINDOW
FG	3.52	2.10	STRUCTURAL GLAZING
FG1	2.70	2.10	STRUCTURAL GLAZING
FG2	2.45	2.10	STRUCTURAL GLAZING
FG3	2.34	2.10	STRUCTURAL GLAZING
FG4	2.25	2.10	STRUCTURAL GLAZING
FG5	2.00	2.10	STRUCTURAL GLAZING
RS	2.40	2.10	ROLLING SHUTTER
V	0.70	0.60	VENTILATOR
V1	0.60	0.60	VENTILATOR

**SPECIFICATIONS:**

**FOUNDATION:**  
R.C.C FOUNDATION OVER A BED OF R.C.C 1:4:8 SAND CUSHIONS.

**SUPER STRUCTURE:**  
150 THK. INTERNAL & 200 THK EXTERNAL WALLS IN C.M 1:5 WITH PLASTER IN C.M 1:5

**R.C.C. WORK:**  
R.C COULUMNS, BEAMS, SLABS, LINTELS, AND SUNSHADES IN 1:2:4 MIX ADEQUATELY REINFORCED.

**FLOORING:**  
CERAMIC FLOORING

**WEATHERING COURSE:**  
ONE SET OF BRICK, JELLY LIME CONCRETE MIXED WITH CRUDE OIL. POINTED AND LAID TO SLOPE. UNDER GROUND SUMP AND OVER HEAD WATER TANK ARE SCIENTIFICALLY CLOSED.

**COLOUR CODE:**

PROPOSED

EXISTING ROAD

BOUNDARY

**SITE CUM STILT FLOOR PLAN**

SCALE : 1:100

DRAWING DATE : \_\_\_\_\_

DRAWN BY : \_\_\_\_\_

DRG. NO. : \_\_\_\_\_

JOB NO. : \_\_\_\_\_

**Kharche & Associates** (estd. 1971)  
ARCHITECTURE TOWN PLANNING INTERIOR DESIGN  
PROJECT MANAGEMENT ENGINEERING CONSULTANCY  
25, Shree Mahalinga Road, Chennai - 600 014, India. Tel: +91 44 2622 0000  
E-mail: kharche@kharche.com, kharche@gmail.com, URL: http://www.kharche.com

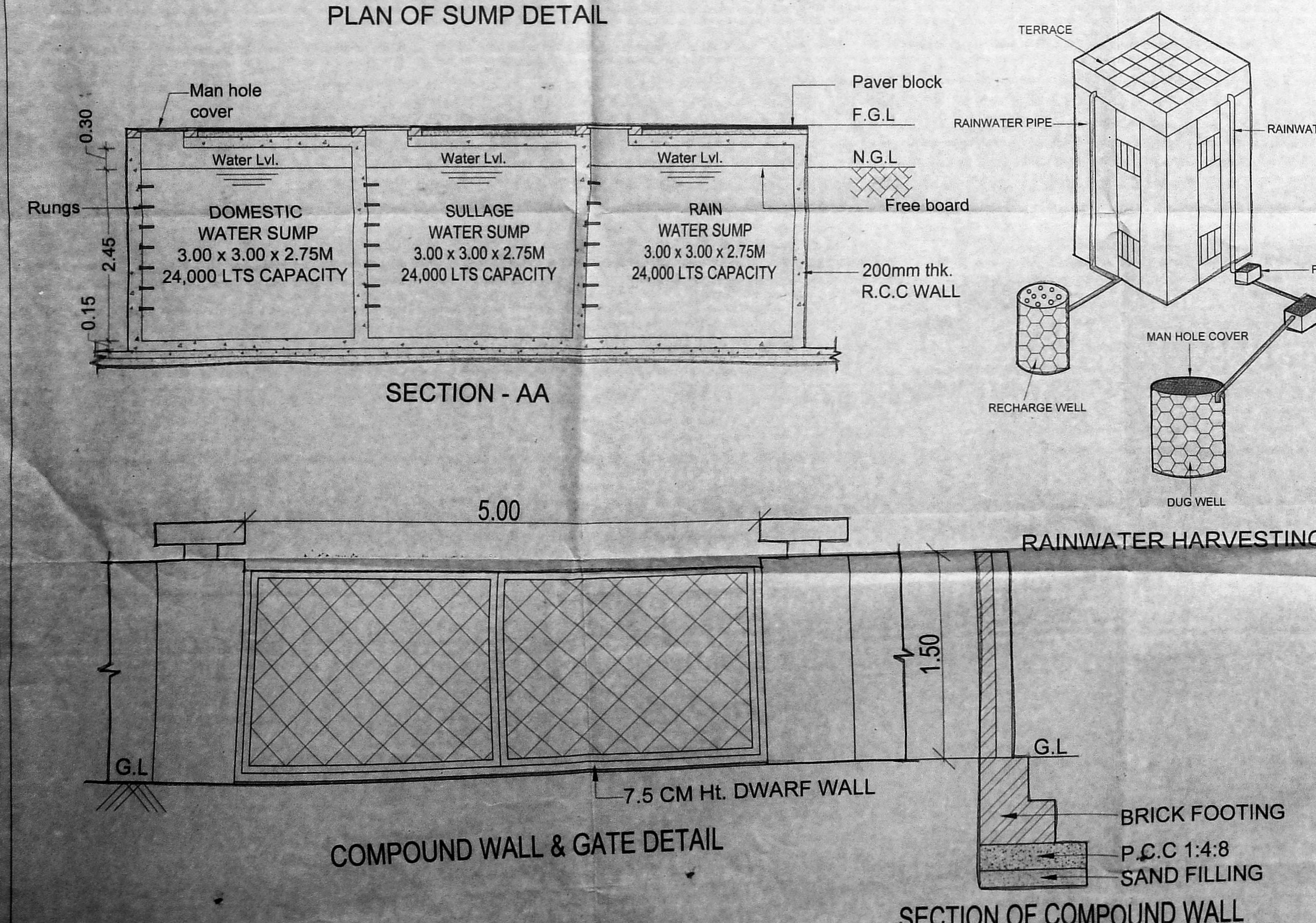
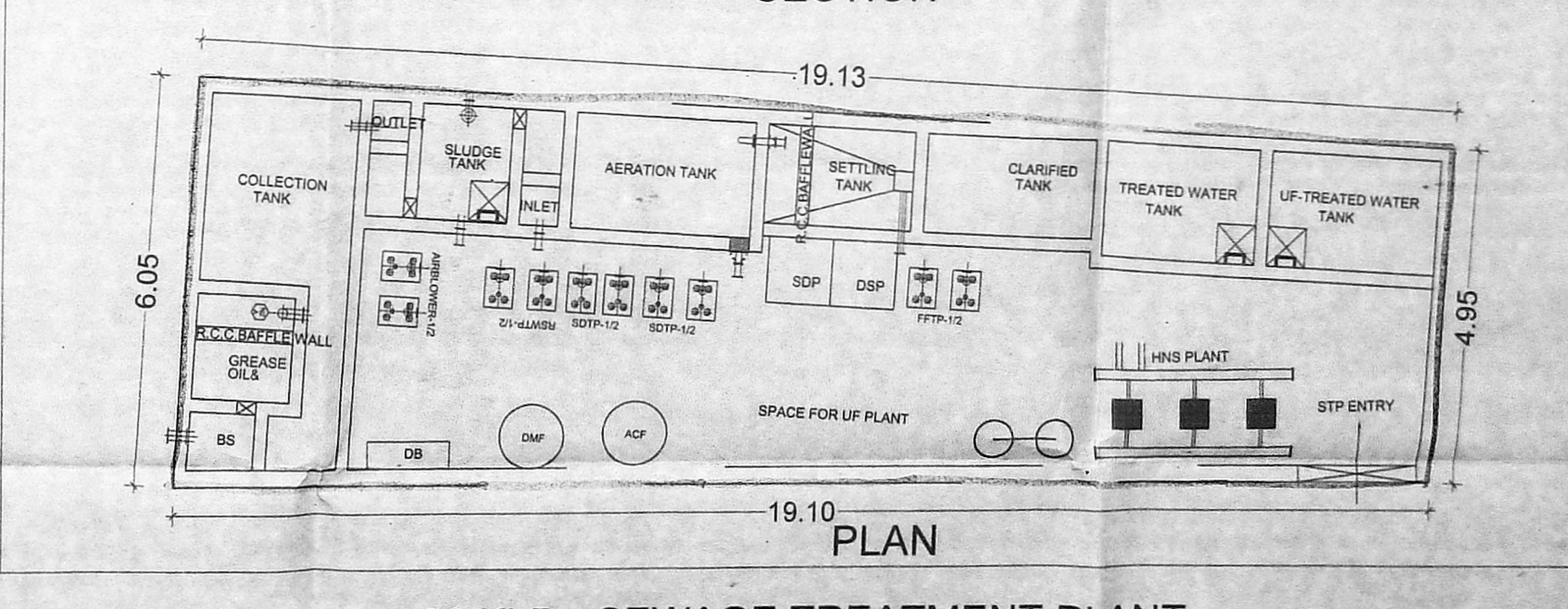
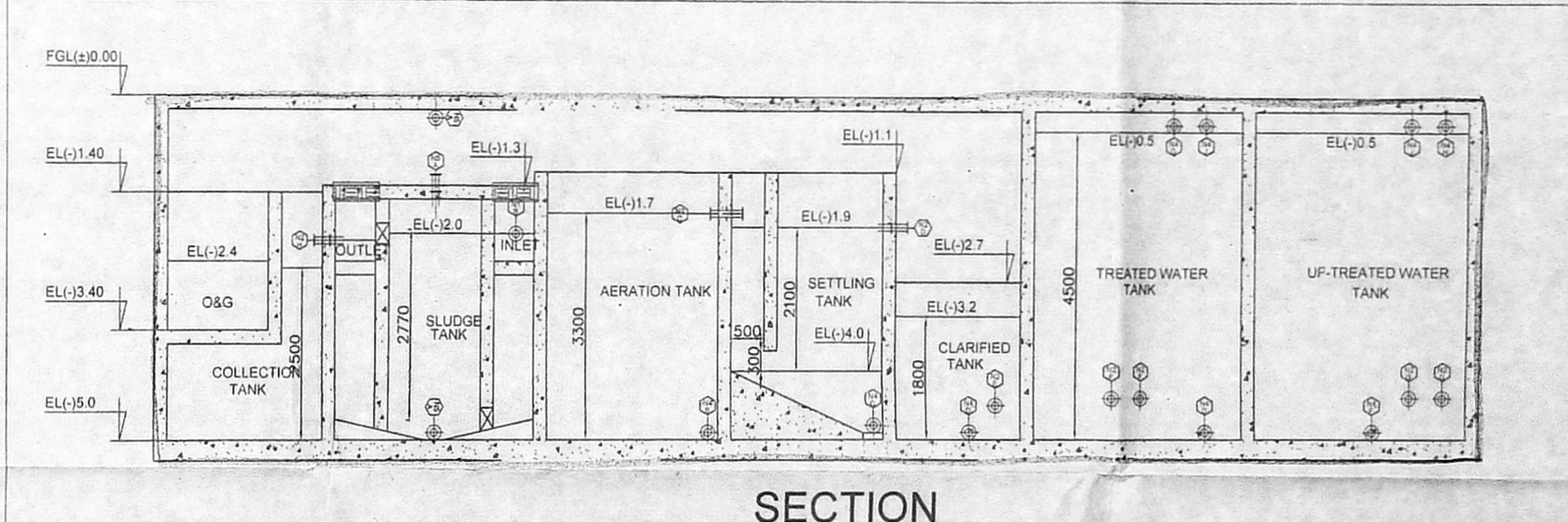
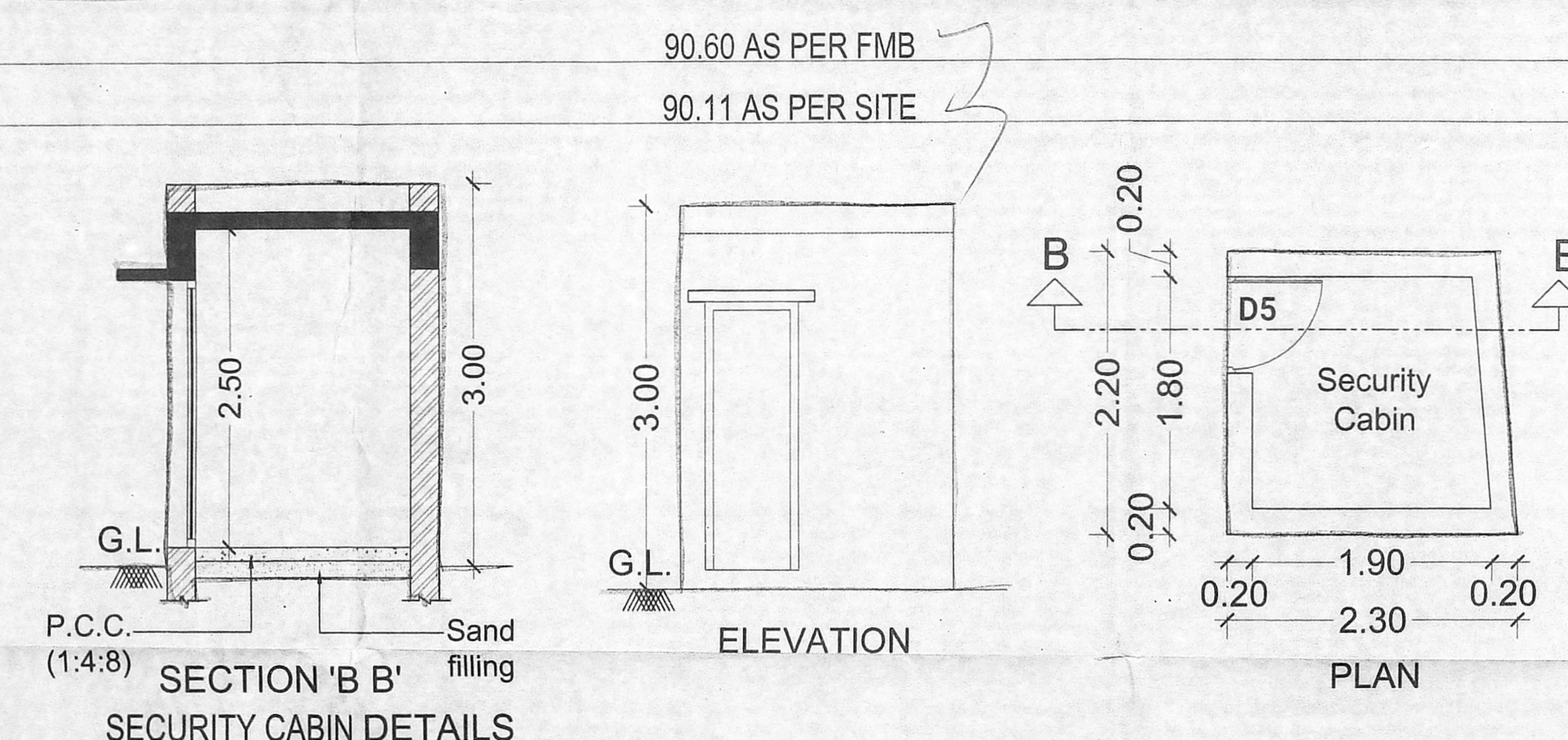
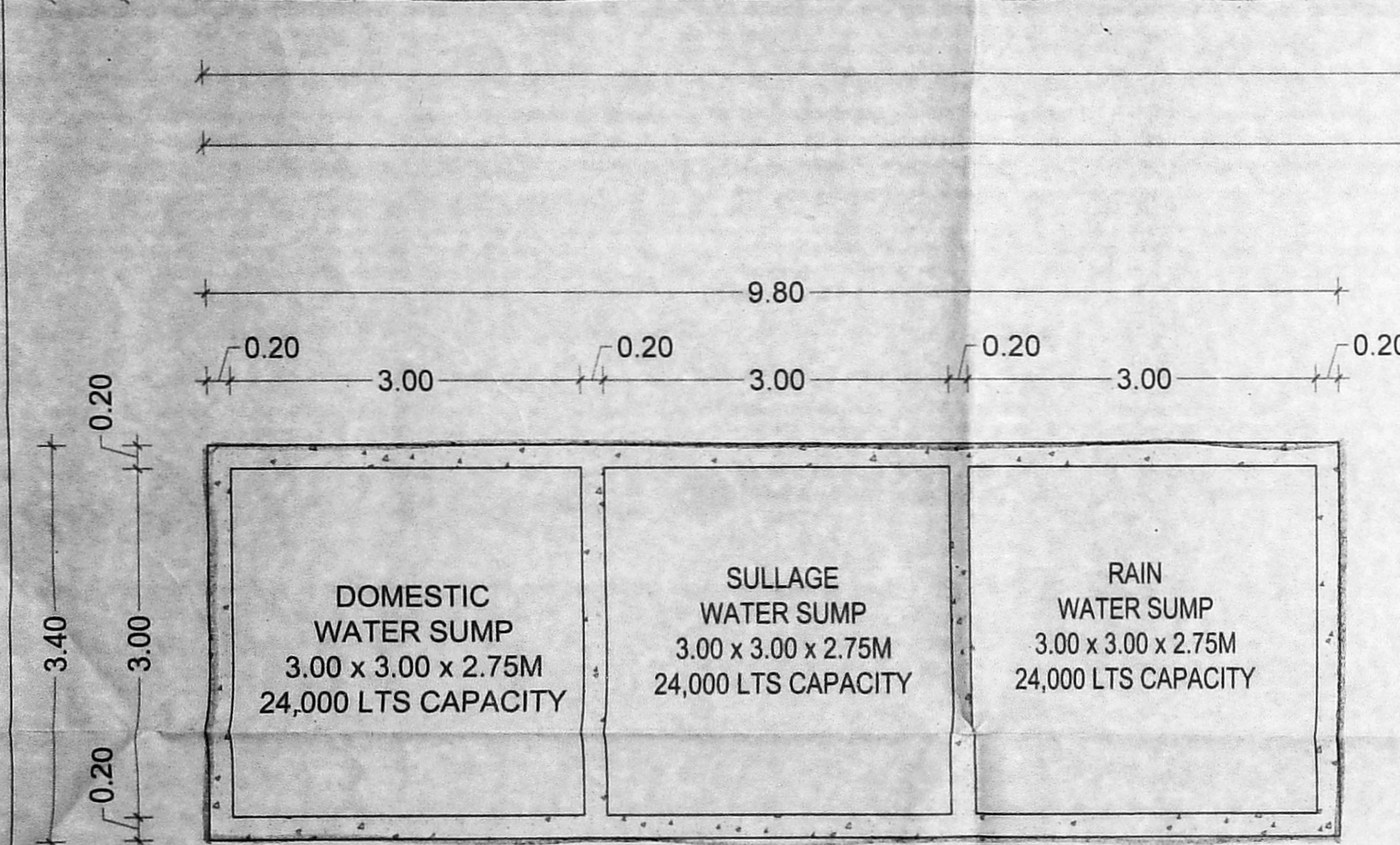
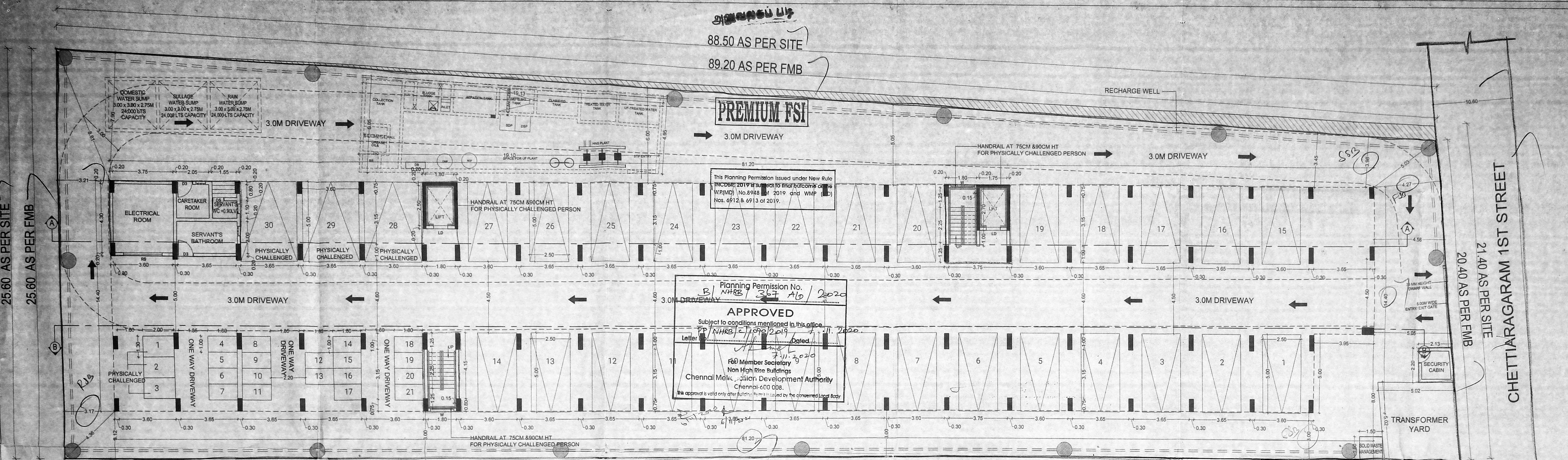
For DRA ADITHYA OMR PROJECTS LLP  
Authorized Signatory

SIGNATURE OF OWNER

SIGNATURE OF STRUCTURAL ENGINEER

**P. PRADEEP B.E., M.TECH. (Struct)**  
Structural Engineer (Grade - 1), C.M.D.A.  
Reg. No. SE/CR-1/19/07/18A  
E2-607, Park Woodmore, Pallikarai, Chennai - 600 010

SIGNATURE OF LICENSED SURVEYOR



**1. BASIS OF STP DESIGN:**

Sewage Quantity	: 50 KLD
STP Ave. flow / hour	: 2.5 m <sup>3</sup> /hr.
UF Plant	: 3 m <sup>3</sup> /hr.
STP Operating Hours	: 20 hrs/day.

**Sequence Batch Process:**

Number of Batches	: 4
Quantity processed per batch	: 12,500 Liter.
Aeration time	: 4 hrs
Settling time	: 1 hr

**AREA STATEMENT:**

AS PER DOCUMENT	SQ. M.
AS PER DOCUMENT	2,043.65
AS PER PATTA	2,100.00

AREA STATEMENT:	NO OF UNITS	FSI AREA IN SQM
STILT FLOOR	0.00	28.310
FIRST FLOOR	26	1,066.070
SECOND FLOOR	38	1,049.550
THIRD FLOOR	38	1,049.550
FOURTH FLOOR	38	1,049.550
FIFTH FLOOR	38	1,049.550
<b>TOTAL F.S.I AREA</b>	<b>178</b>	<b>5,292.580</b>

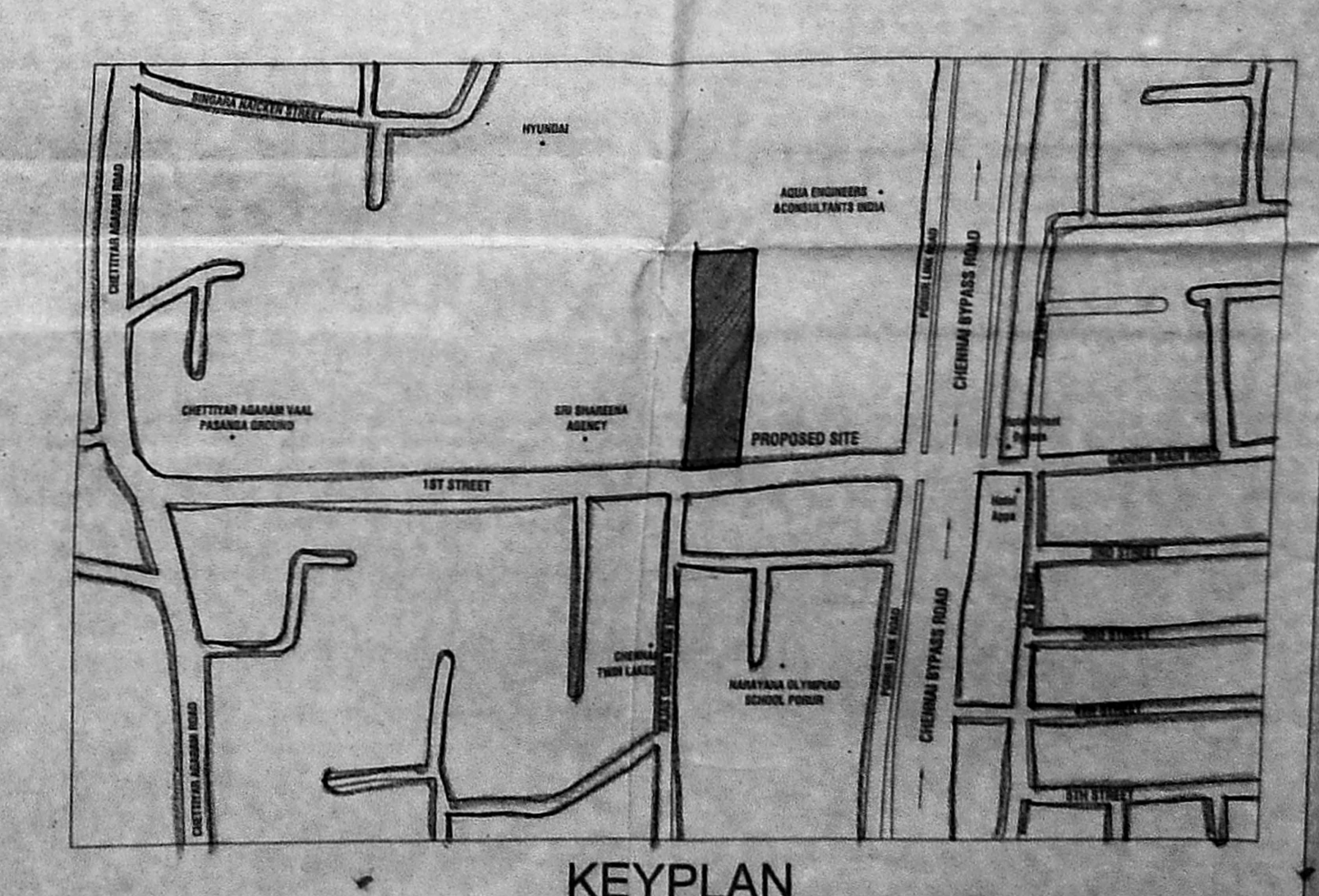
Achieved F.S.I. : **2.59**

TWO WHEELER PARKING PROVIDED = 21 NOS

CAR PARKING PROVIDED = 30 NOS

**STP CALCULATION - 178 UNITS**

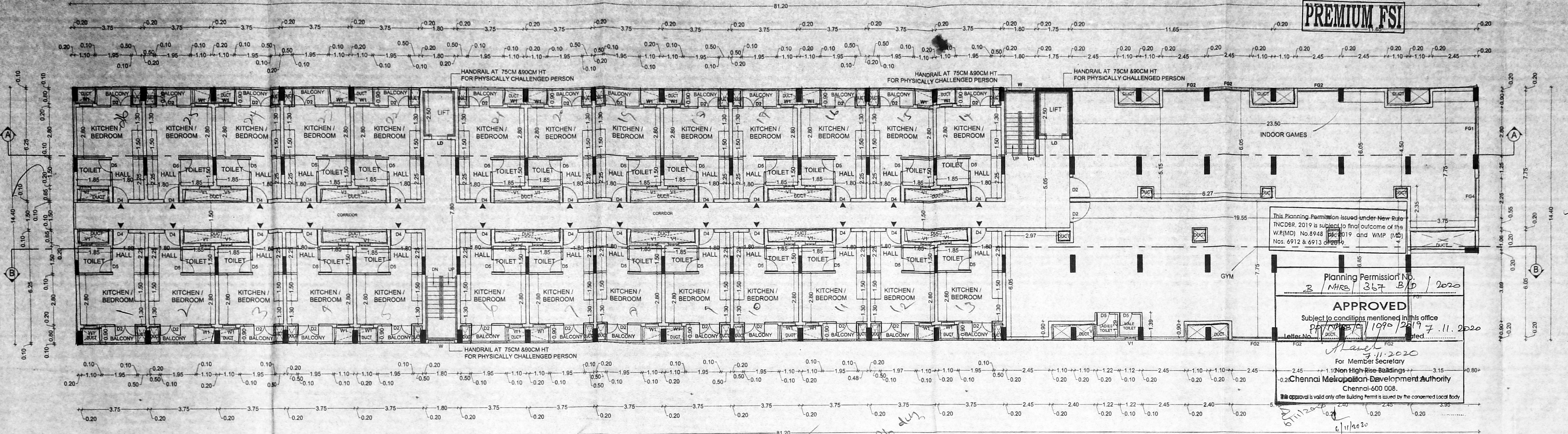
BAR SCREEN CHAMBER	
Average In flow of Sewage	3 m <sup>3</sup> /hr
HOC	RCC
Dimensions	As per site
Flow	200 mm
Flow Provided for gravity flow	
COLLECTION TANK:	
Average In flow of Sewage	10 m <sup>3</sup> /hr
Tank Volume	12L
SR TANK:	
Average In flow of Sewage	3 m <sup>3</sup> /hr
Number of Hours of Operation	20 hrs.
M.L.S.S Level	3500 mg/l
Tank Volume	25L
CLARIFIED WATER TANK:	
Average In flow of Sewage	3 m <sup>3</sup> /hr
Number of Hours of Operation	20 hrs.
Tank Volume	12L
SLUDGE HOLDING TANK:	
Average In flow of Sewage	3 m <sup>3</sup> /hr
Number of Hours of Operation	20 hrs.
Tank Volume	12L
FINAL TREATED WATER TANK:	
Average In flow of Sewage	3 m <sup>3</sup> /hr
Number of Hours of Operation	20 hrs.
Tank Volume	12L
ULTRA FILTRATION TANK:	
Average In flow of Sewage	3 m <sup>3</sup> /hr
Number of Hours of Operation	4 hrs.
Tank Volume	12L



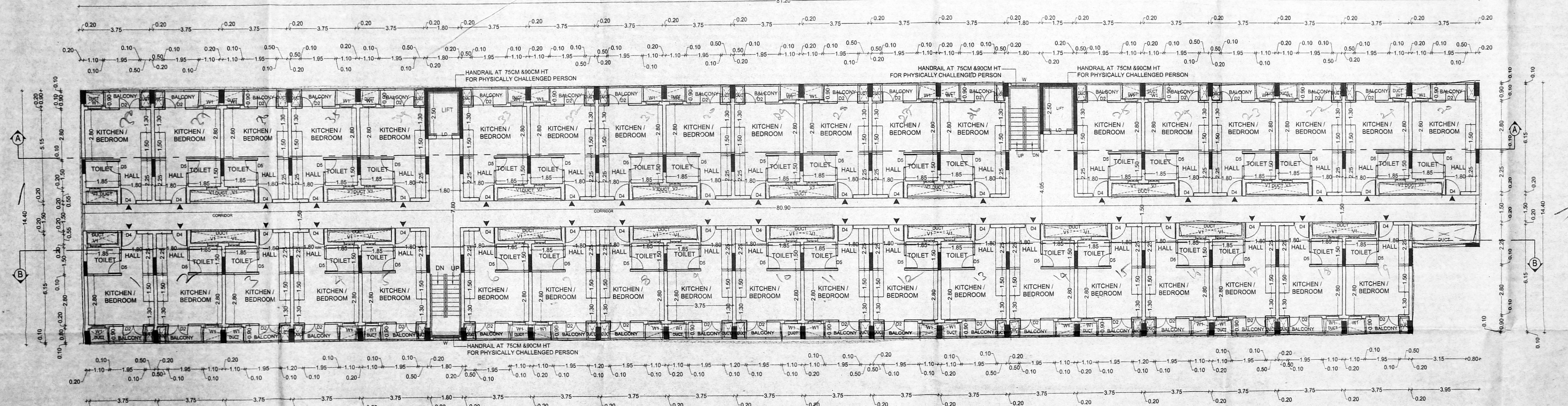
PREMIUM FSI

TITLE: PLAN SHOWING THE PROPOSED CONSTRUCTION OF 8TH FLOOR & FLOORS SERVICE APARTMENT BUILDING AT CHETTYARARAM 1ST STREET, VANAGARAM, CHENNAI. COMPRISED IN OLD S.NO. 58/1(A), 59/2 & 51, NEW S.NO. 98/24 OF CHETTYARARAM VILLAGE, GREATER CHENNAI CORPORATION DIVISION NO. 150 AND ZONE NO. XI.

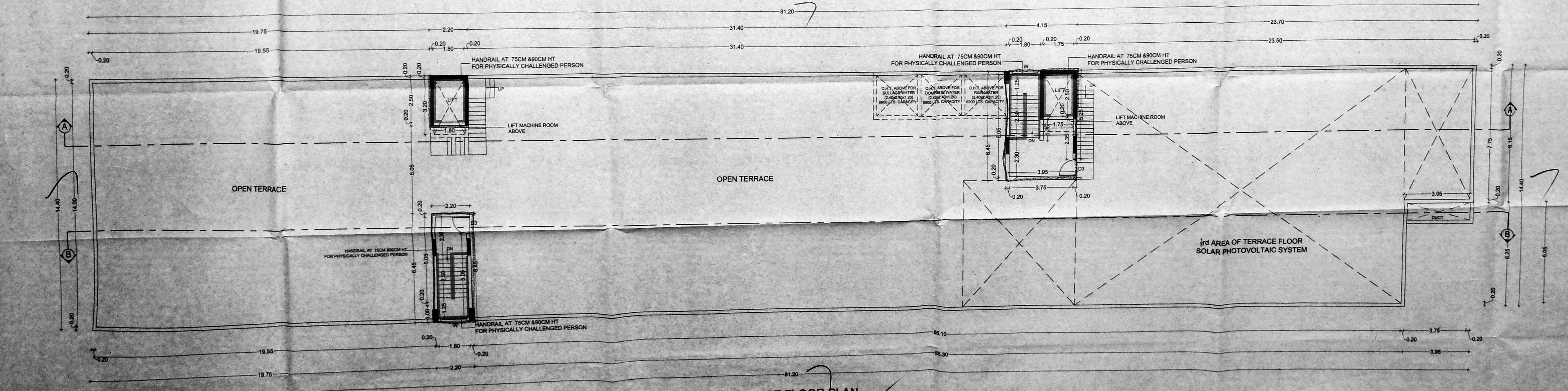
PREMIUM FSI



FIRST FLOOR PLAN



TYPICAL FLOOR PLAN(2nd - 5th floors)



TERRACE FLOOR PLAN

**SCHEDULE OF JOINERY**

TYPE	WIDTH	HEIGHT	DESCRIPTION
D1	2.30	2.10	DOOR
D2	1.30	2.10	DOOR
D3	1.20	2.10	DOOR
D4	1.50	2.10	DOOR
D5	0.90	2.10	DOOR
D6	0.75	2.10	DOOR
LD	0.90	2.10	LIFT DOOR
WT	0.75	1.20	WINDOW
W1	0.75	1.20	WINDOW
FG1	3.52	2.10	STRUCTURAL GLAZING
FG2	2.70	2.10	STRUCTURAL GLAZING
FG3	2.40	2.10	STRUCTURAL GLAZING
FG4	2.25	2.10	STRUCTURAL GLAZING
FG5	2.20	2.10	STRUCTURAL GLAZING
RS	2.40	2.10	ROLLING SHUTTER
V	0.70	0.60	VENTILATOR
V1	0.60	0.60	VENTILATOR

**SPECIFICATIONS:**

**FOUNDATION:**  
R.C.C. FOUNDATION OVER A BED OF R.C.C 1:4:8 SAND CUSHION

**SUPER STRUCTURE:**  
150 THK. INTERNAL & 200 THK EXTERNAL WALLS IN CM 1:5 WITH PLASTER IN CM 1:5

**R.C.C. WORK:**  
R.C. COLUMNS, BEAMS, SLABS, LINTELS, AND SUNSHADES IN 1:2:4 MIX ADEQUATELY REINFORCED.

**FLOORING:**  
CERAMIC FLOORING.

**WEATHERING COURSE:**  
ONE SET OF BRICK JELLY LIME CONCRETE MIXED WITH CRUDE OIL. POINTED AND LAID TO SLOPE. UNDER GROUND SUMP AND OVER HEAD WATER TANK ARE SCIENTIFICALLY CLOSED.

**COLOUR CODE:**

PROPOSED

EXISTING ROAD

BOUNDARY

**FIRST, TYPICAL & TERRACE FLOOR PLAN**

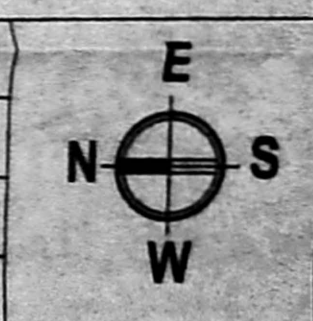
SCALE : 1:100

DRAWING DATE

DRAWN BY

DRG. NO.

JOB NO.



**Kharche & Associates** (estd. 1971)  
ARCHITECTURE, TOWN PLANNING, INTERIOR DESIGN,  
PROJECT MANAGEMENT, ENGINEERING CONSULTANCY

SIGNATURE OF OWNER

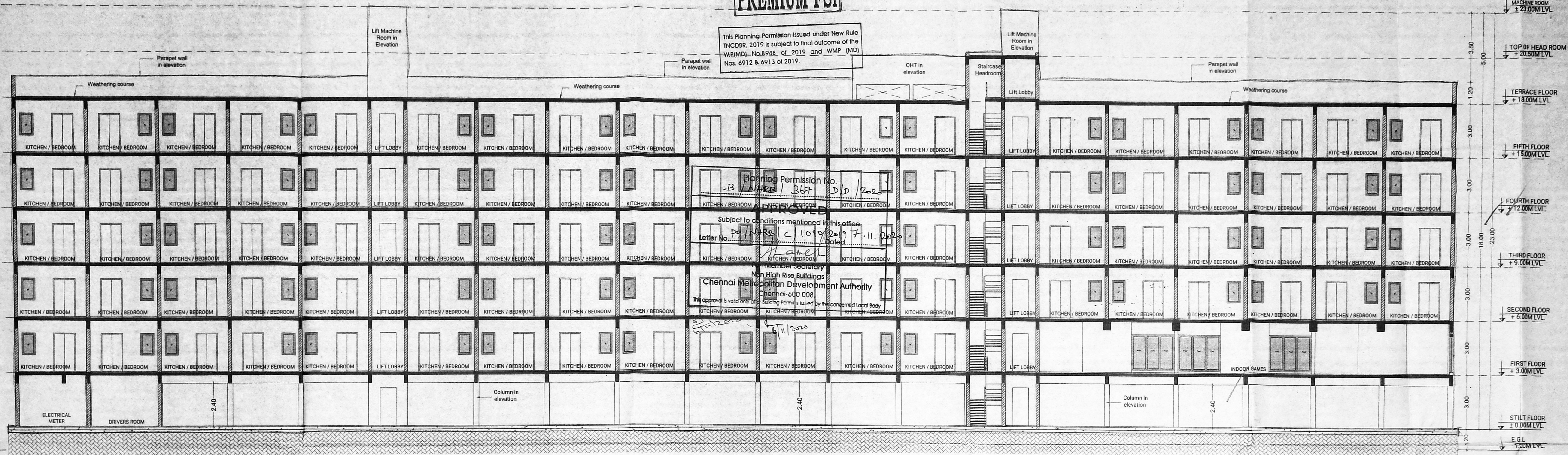
SIGNATURE OF STRUCTURAL ENGINEER

SIGNATURE OF LICENSED SURVEYOR

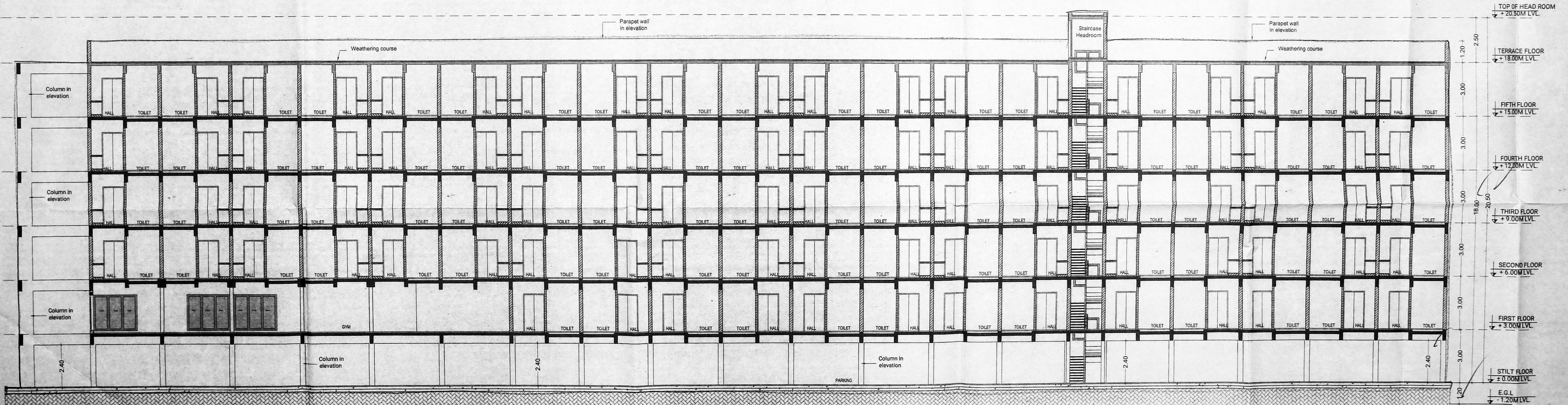
PREMIUM FSI

This Planning Permission Issued under New Rule INCDBR, 2019 is subject to final outcome of the W.R.(MD)-No.8948 of 2019 and WMP (MD) Nos. 6912 & 6913 of 2019.

Planning Permission No. B/11/2020/367/D/D/2020  
Subject to conditions mentioned in this office letter No. P/11/2020/367/D/D/2020 dated 17.11.2020  
Member Secretary  
Chennai Metropolitan Development Authority  
Chennai-600 008  
This approval is valid only for the Building Permits Issued by the concerned Local Body.



SECTION -AA



SECTION -BB

TITLE: சிறப்பு பி.டி  
PLAN SHOWING THE PROPOSED CONSTRUCTION OF STILT FLOOR & FIVE STORES RESIDENTIAL APARTMENT BUILDING AT CHETTIYARAGARAM 1ST STREET, VANAGARAM, CHENNAI, COMPRISED IN OLD S.NO.581A, 582 & 51, NEW S.NO 561/2 OF CHETTIYARAGARAM VILLAGE, GREATER CHENNAI CORPORATION DIVISION, DISTRICT 1, CITY ZONE NO. 21, P.M.S.E. No. 1157D

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
D	2.30	2.10	DOOR
D1	1.50		
DR			
DR1			
LD	2.10		LIFT DOOR
W	1.80	1.20	WINDOW
W1	0.75	1.20	WINDOW
F0	3.52	2.10	STRUCTURAL GLAZING
F01	2.70	2.10	STRUCTURAL GLAZING
F02	2.45	2.10	STRUCTURAL GLAZING
F03	2.34	2.10	STRUCTURAL GLAZING
F04	2.25	2.10	STRUCTURAL GLAZING
F05	2.00	2.10	STRUCTURAL GLAZING
RS	2.40	2.10	ROLLING SHUTTER
V	0.70	0.60	VENTILATOR
V1	0.60	0.60	VENTILATOR

SPECIFICATIONS:  
FOUNDATION:  
R.C.C. FOUNDATION OVER A BED OF R.C.C 1:4:8 SAND CUSHIONS.  
SUPER STRUCTURE:  
150 THK. INTERNAL & 200 THK. EXTERNAL WALLS IN C.M 1:5 WITH PLASTER IN C.M 1:5  
R.C.C. WORK:  
R.C COLUMNS, BEAMS, SLABS, LINTELS, AND SUNSHADES IN 1:2:4 MIX ADEQUATELY REINFORCED.  
FLOORING:  
CERAMIC FLOORING.  
WEATHERING COURSE:  
ONE SET OF BRICK JELLY LIME CONCRETE MIXED WITH CRUDE OIL. POINTED AND LAID TO SLOPE. UNDER GROUND SUMP AND OVER HEAD WATER TANK ARE SCIENTIFICALLY CLOSED.

COLOUR CODE:  
PROPOSED  
EXISTING ROAD  
BOUNDARY

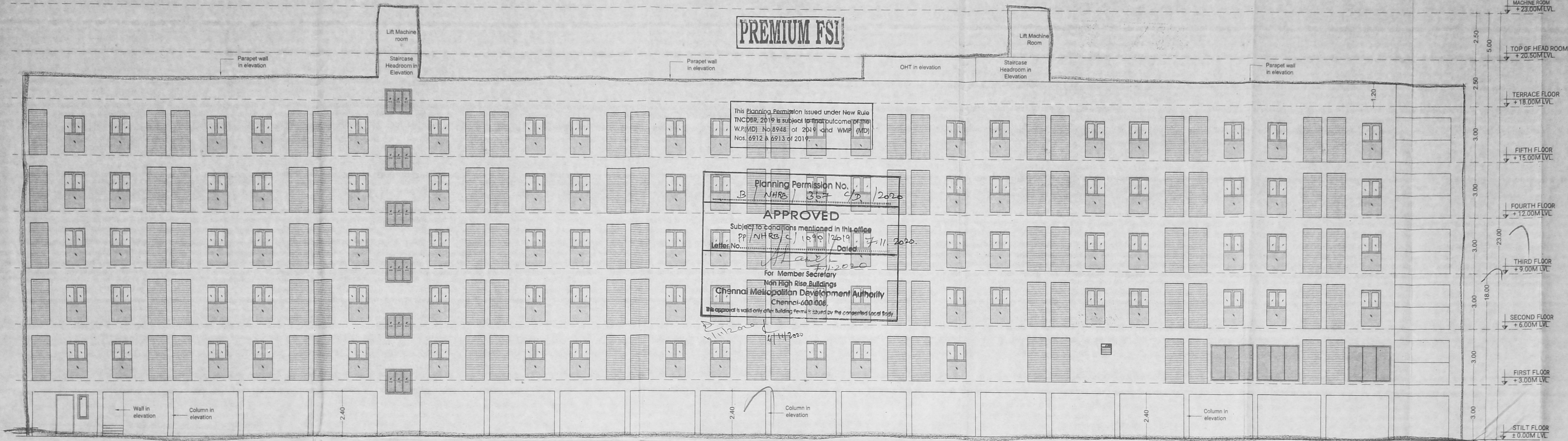
SECTIONS  
SCALE: 1:100  
DRAWING DATE  
DRAWN BY  
DRG. NO.  
JOB NO.

Kharche & Associates (estd. 1971)  
ARCHITECTURE TOWN PLANNING INTERIOR DESIGN PROJECT MANAGEMENT ENGINEERING CONSULTANTS  
For DRAADITHYA OMR PROJECTS LLP  
Authorised Signatory

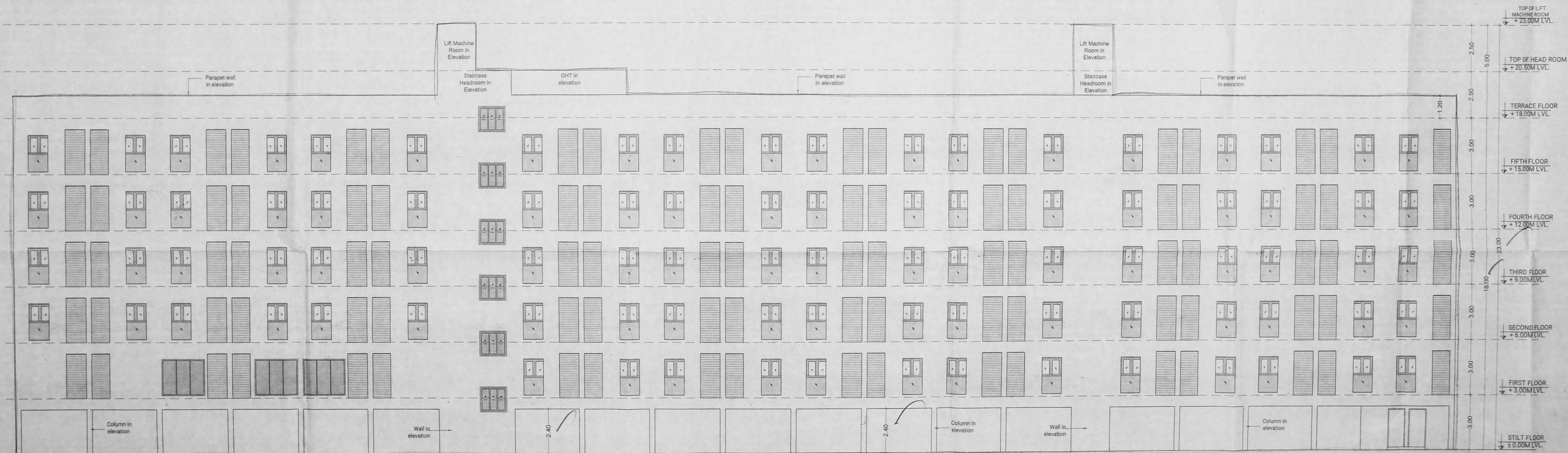
SIGNATURE OF OWNER  
P. PRADEEP, B.E., M.TECH. (Struct)  
Structural Engineer (Grade-1), CMDA,  
Reg. No. SE/GR-1/19/07/184,  
E2-607, Purva Whardmore, Pallikarai,  
Chennai-600 100, Ph: 9500702114  
SIGNATURE OF STRUCTURAL ENGINEER

SIGNATURE OF LICENSED SURVEYOR  
PRASHANTH S KHARCHE  
BRANCH OFF: BUSINESS MANAGEMENT, ALLI, ALLI,  
REGISTERED COUNCIL OF ARCHITECTURE AND CIVIL ENGINEERS  
LICENSED SURVEYOR - CORPORATION OF CHENNAI RA 525/08  
Reg. No. SA/GR-1/19/07/184  
Reg. No. SA/GR-1/19/07/184  
Ph: 9500702114  
V: 91 044 2829 1291, 2874 5981, Fax: 2829 0621

PREMIUM FSI



WEST FACING ELEVATION



EAST FACING ELEVATION

This Planning Permission Issued under New Rule  
 TNCDPR, 2019 is subject to the outcome of the  
 W.P.(MD) No.8948 of 2019 and W.M.P. (MD)  
 Nos. 6912 & 6913 of 2019.

Planning Permission No.  
 NHRS/357/CD/2020  
**APPROVED**  
 Subject to conditions mentioned in this office  
 Letter No. PP/NHRS/C/1698/2019 Dated 17.11.2020  
 For Member Secretary  
 High Rise Buildings  
 Chennai Metropolitan Development Authority  
 Chennai-600 006  
 This approval is valid only after Building Permit is issued by the competent local body.

TITLE: சிறப்பு பி.டி  
 02.11.2020  
 PLAN SHOWING THE PROPOSED CONSTRUCTION  
 OF STILT FLOOR + 5 FLOORS SERVICE  
 APARTMENT BUILDING AT CHETTIYARAGARAM 1ST  
 STREET, VANAGARAM, CHENNAI COMPRISED IN  
 OLD S.NO 56/1A, 56/2 & 51, NEW S.NO 56/1A/2 OF  
 CHETTIYARAGARAM VILLAGE, GREATER CHENNAI  
 CORPORATION DIVISION NO. 19 AND  
 ZONE: NHRS (3) 1090/20  
 5.11.2020  
 5.11.2020

SCHEDULE OF JOINERY

TYPE	WIDTH	HEIGHT	DESCRIPTION
D1	2.30	2.10	DOOR
D2	1.50	1.20	LIFT DOOR
W1	0.75	1.50	WINDOW
FG	3.52	2.10	STRUCTURAL GLAZING
FG1	2.75	2.10	STRUCTURAL GLAZING
FG2	2.45	2.10	STRUCTURAL GLAZING
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 FOUNDATION:  
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 150 THK. INTERNAL & 200 THK EXTERNAL WALLS  
 IN CM 1:5 WITH PLASTER IN CM 1:5  
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 R.C COLUMNS,BEAMS,SLABS, LINTELS, AND SUNSHADES  
 IN 1:2:4 MIX ADEQUATELY REINFORCED.  
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 CRUDE OIL, POINTED AND LAID TO SLOPE  
 UNDER GROUND SUMP AND OVER HEAD WATER TANK  
 ARE SCIENTIFICALLY CLOSED.

COLOUR CODE:  
 PROPOSED

ELEVATIONS  
 SCALE: 1:100  
 DRAWING DATE:   
 DRAWN BY:   
 DRG. NO.:   
 JOB NO:

Kharche & Associates (Pvt) Ltd  
 ARCHITECTURE, TOWN PLANNING, INTERIOR DESIGN,  
 PROJECT MANAGEMENT, ENGINEERING CONSULTANCY  
 28, Shree Srinivasan Street, Chennai - 600 006, India. Tel: +91 98422 222 222  
 www.kharche.com  
 For DR.AADITHYAN OMR PROJECTS LLP  
 Authorised Signatory

SIGNATURE OF OWNER  
  
 P. PRADEEP, B.E., M.TECH. (Struct)  
 Structural Engineer (Grade -1), CMDA,  
 Reg. No. SE/GR-1/19/07/184,  
 E2-607, Purva Windermore, Pallikarantal,  
 Chennai-600 100, Ph: 9500702114  
 SIGNATURE OF STRUCTURAL ENGINEER

PRASANANTH S KHARCHE  
 ARCHT., DRP., BUSINESS MANAGEMENT, A.L.L.A., A.L.L.D.,  
 REGISTERED COUNCIL OF ARCHITECTURE No. CA/2044/3340  
 APPROVED VALUER No. F18318  
 LICENSED SURVEYOR, CORPORATION OF CHENNAI RA 525/08  
 Reg. No. RA/C/1/19/01/01, Dt. 18.03.2019  
 Reg. No. CL/CHN/RA/C/1/2019/04/08/Dt. 02.05.2019  
 No. 270, SHAFEEE MOHAMMED ROAD, CHENNAI - 600 006.  
 V: +91 944 2829 1291, 2874 3291, Fax: 2829 0631  
 SIGNATURE OF LICENSED SURVEYOR