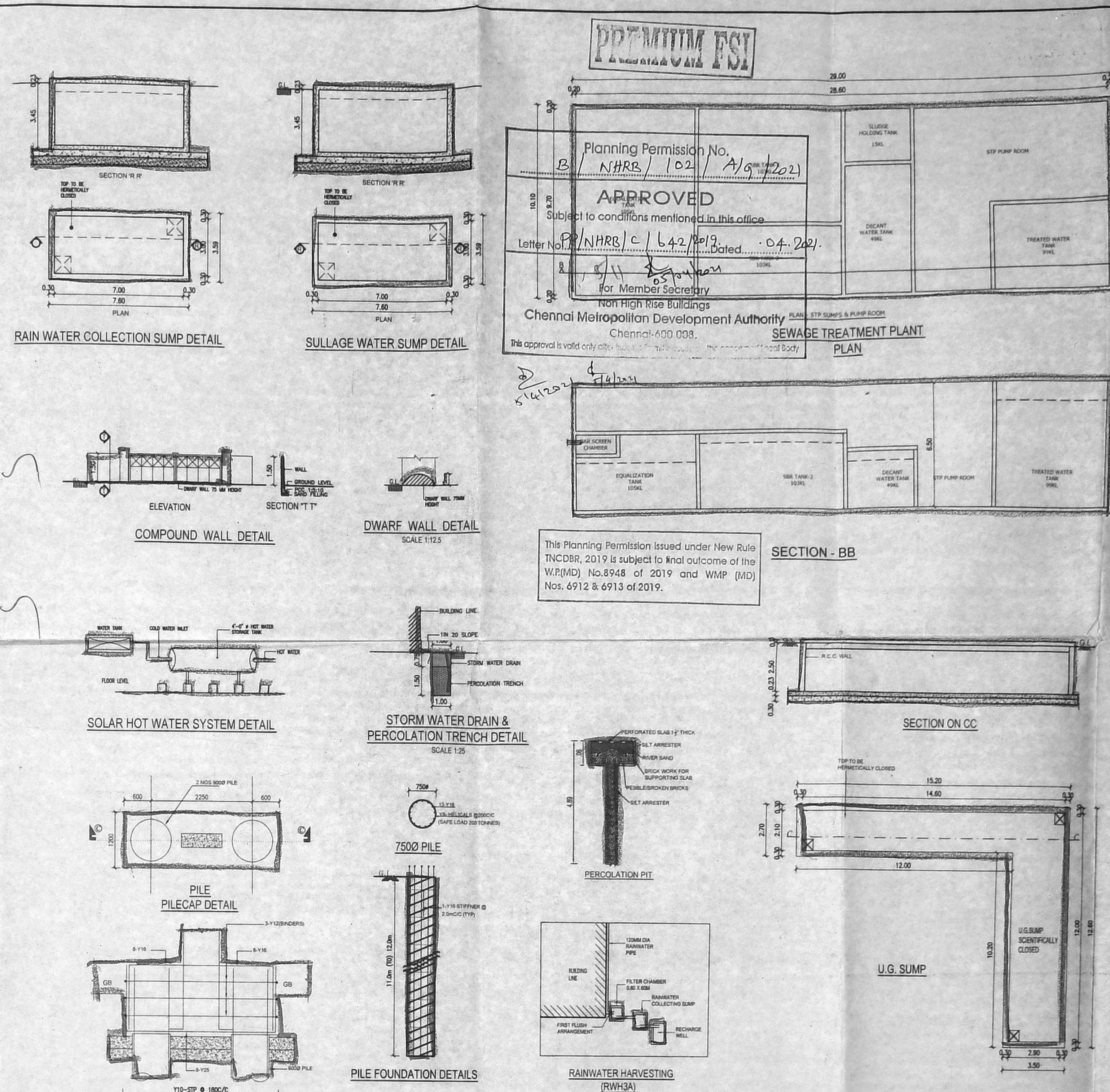


SITE CUM STILT FLOOR PLAN

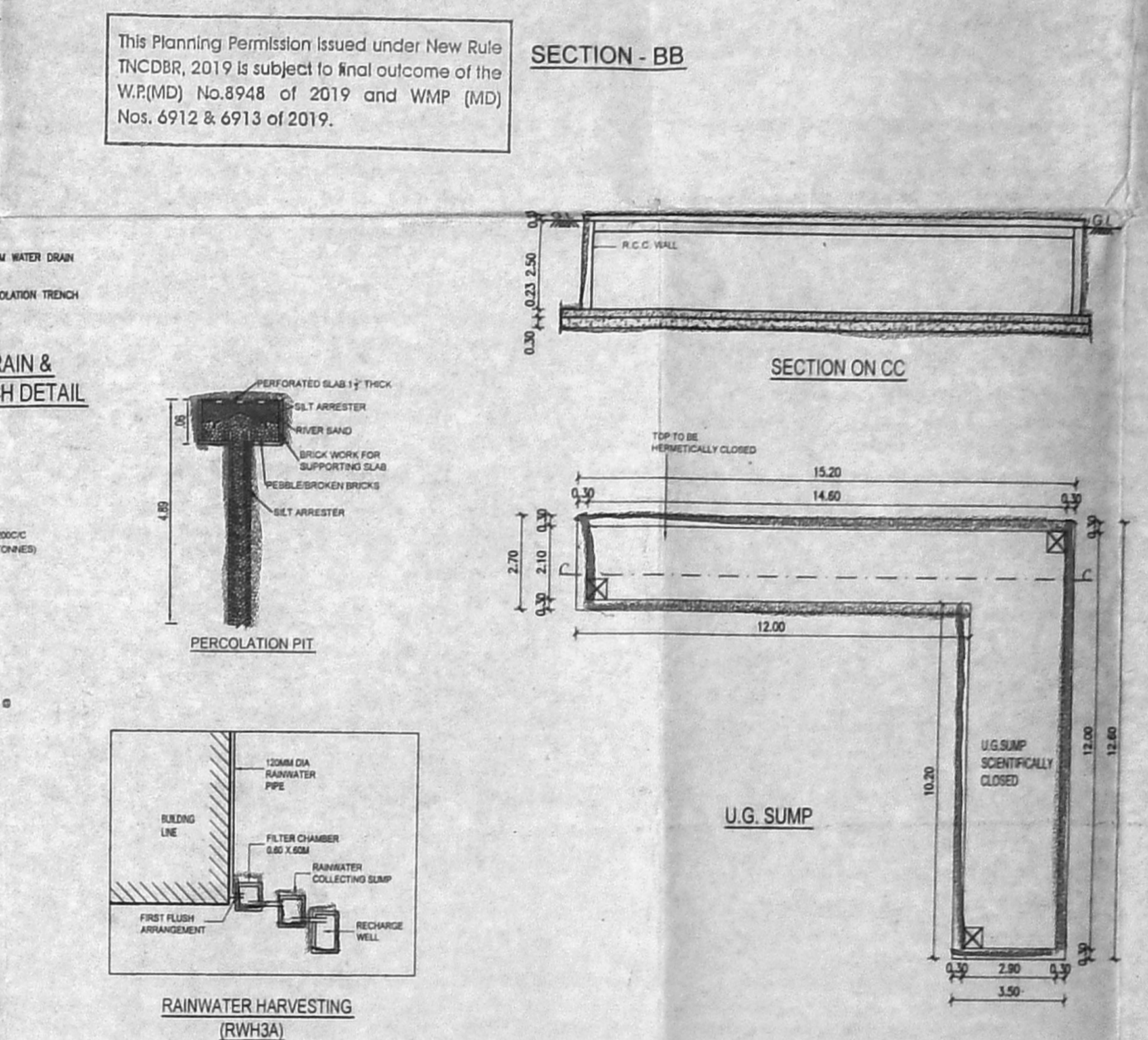


Corr - 142 (B)
Tm - A2 - 100 (B)

PERMITTING FSI

Planning Permission No. N#RR/102/1/9/2021
APPROVED
 Subject to conditions mentioned in this office
 Letter No. N#RR/102/1/9/2021 Dated: 04.02.2021
 for Member Secretary
 Chennai Metropolitan Development Authority
 Chennai-600 008.

SEWAGE TREATMENT PLANT PLAN



KEY PLAN (NOT TO SCALE)

PLAN SHOWING PROPOSED CONSTRUCTION OF STILT + 5 FLOORS, RESIDENTIAL BUILDING WITH 132 DWELLING UNITS AT BHARATHIYAR STREET / ARUNAGIRI STREET, PORUR, CHENNAI COMPRISED IN S.NO. 291/1, 298/1 (AS PER DOCUMENT), S.NO. 291/1A, 298 / 1 OF PORUR VILLAGE WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

SPECIFICATIONS

FOUNDATION
R.C.C. COLUMN FOUNDATION IN C.C. 1:1.5:3 MIX

R.C.C. WORKS
ALL R.C.C. COLUMNS, LINTELS, PLINTH BEAM, ROOF SLAB, BEAM AND SUNSHADE 1:1.5:3 MIX

SUPER STRUCTURE
FIRST CLASS SOLID BLOCK WORK IN C.M. 1:5 MIX WITH 12MM THICK PLASTERING

JOINERY
BEST INDIAN COUNTRY WOOD FOR DOORS AND WINDOWS

FLOORING
VITRIFIED TILE FLOORING LAID ON P.C.C 1:4:8 MIX

WEATHERING COURSE
PAVING PRESSED TILES ABOVE BRICK JELLY LIME CONCRETE

ALL DIMENSIONS ARE IN METER
 SCALE - 1:150

COLOUR INDEX

PROPOSED ROAD / STREET BOUNDARY

A. Soudamani

ST P CALCULATION

Total no of Units	132
Person per unit	5
Water Consumption (in Litres)	135
Total Water Requirement (in Litres)	89,100
Safety Factor - 10%	8,910
STP Capacity Required	98,010 BHKLD
Designed STP Capacity	120KLD
Operating hours	20 Hours
Flow Rate	6 m ³ /hr

Description	Retention time Provided	Standard Retention Time	Adequacy Status
Bar Screen Chamber	0.25 minutes	10-15 minutes	Adequate
Sewage Collection Sump	10hrs	5 - 8 hrs	Adequate
Anoxic Tank	3.3 hrs	2 - 3 hrs	Adequate
Aeration Tank	10 Hrs	4 - 7 hrs	Adequate
Settling Tank	3.2 hrs	2 - 3 hrs	Adequate
Filter Feed Tank	4.2 hrs	2 - 3 hrs	Adequate
UF Feed Tank	10 hrs	3 - 4 hrs	Adequate
UF Treated Water Tank	6.6 hrs	3 - 4 hrs	Adequate
Air Blower	Airflow Provided 110 m ³ /hr	Airflow Provided 98 m ³ /hr	Adequate
Pressure Sand Filter	Diameter Provided 900mm	Diameter Required 800mm	Adequate
Activated Carbon Filter	Diameter Provided 900mm	Diameter Required 700mm	Adequate

AREA STATEMENT:

AS PER DOCUMENT	5884.650
AS PER PATTA	5850.000
ROAD GIFTED AREA	88.550
LEAST AREA LESS ROAD	5550 - 88.58
GIFTED AREA	5761.44

DESCRIPTION

STILT FLOOR	37.65
FIRST FLOOR	2533.37
SECOND FLOOR	2533.37
THIRD FLOOR	2533.34
FOURTH FLOOR	2533.34
FIFTH FLOOR	2534.61
TOTAL	12705.68

F.S.I / ACHIEVED = 12705.68 SQM / 5761.44 SQM = 2.205

NO OF DWELLING UNITS 132 NOS

REQUIRED CAR PARKING 127 NOS

PROVIDED CAR PARKING 142 NOS

REQUIRED TW PARKING 39 NOS

PROVIDED TW PARKING 42 NOS

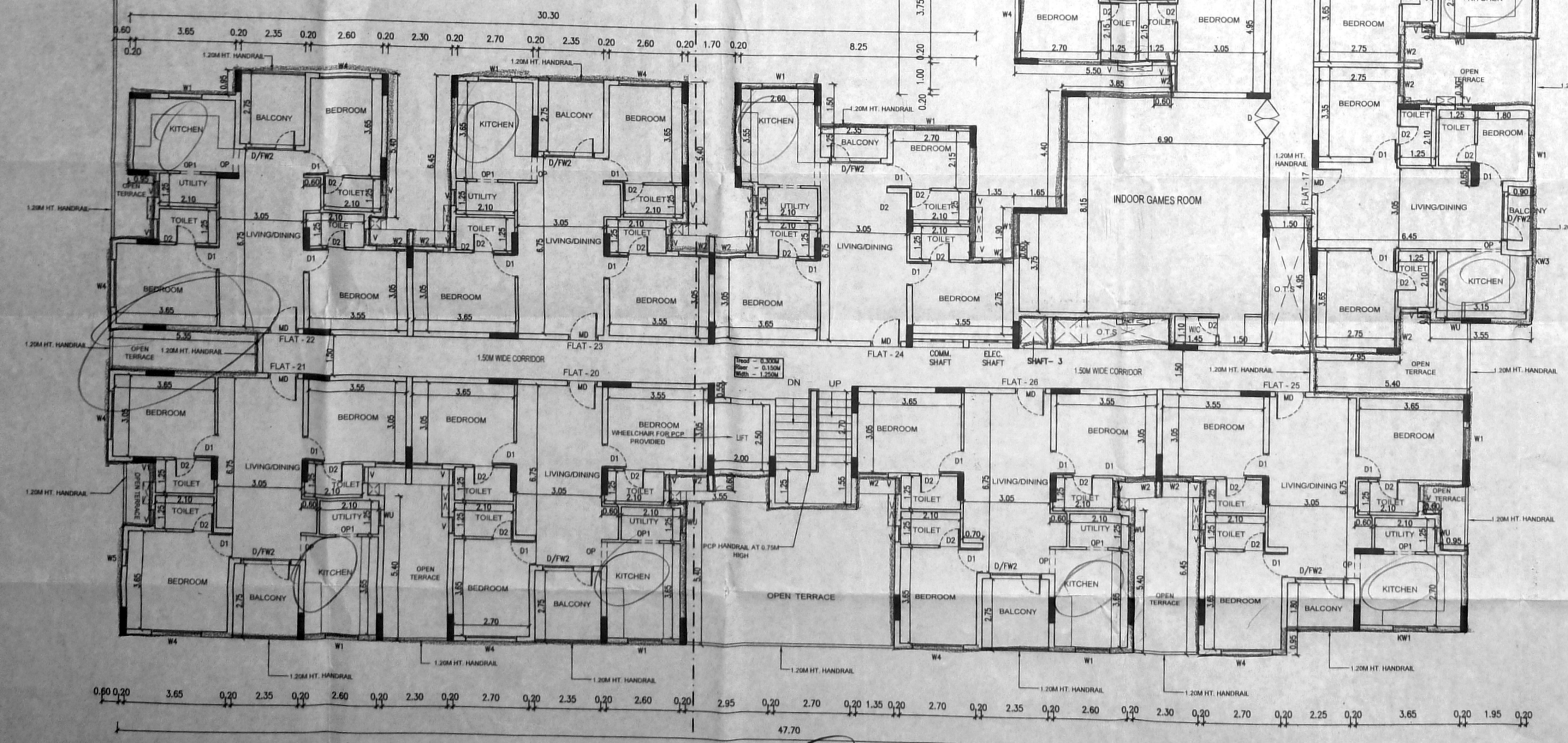
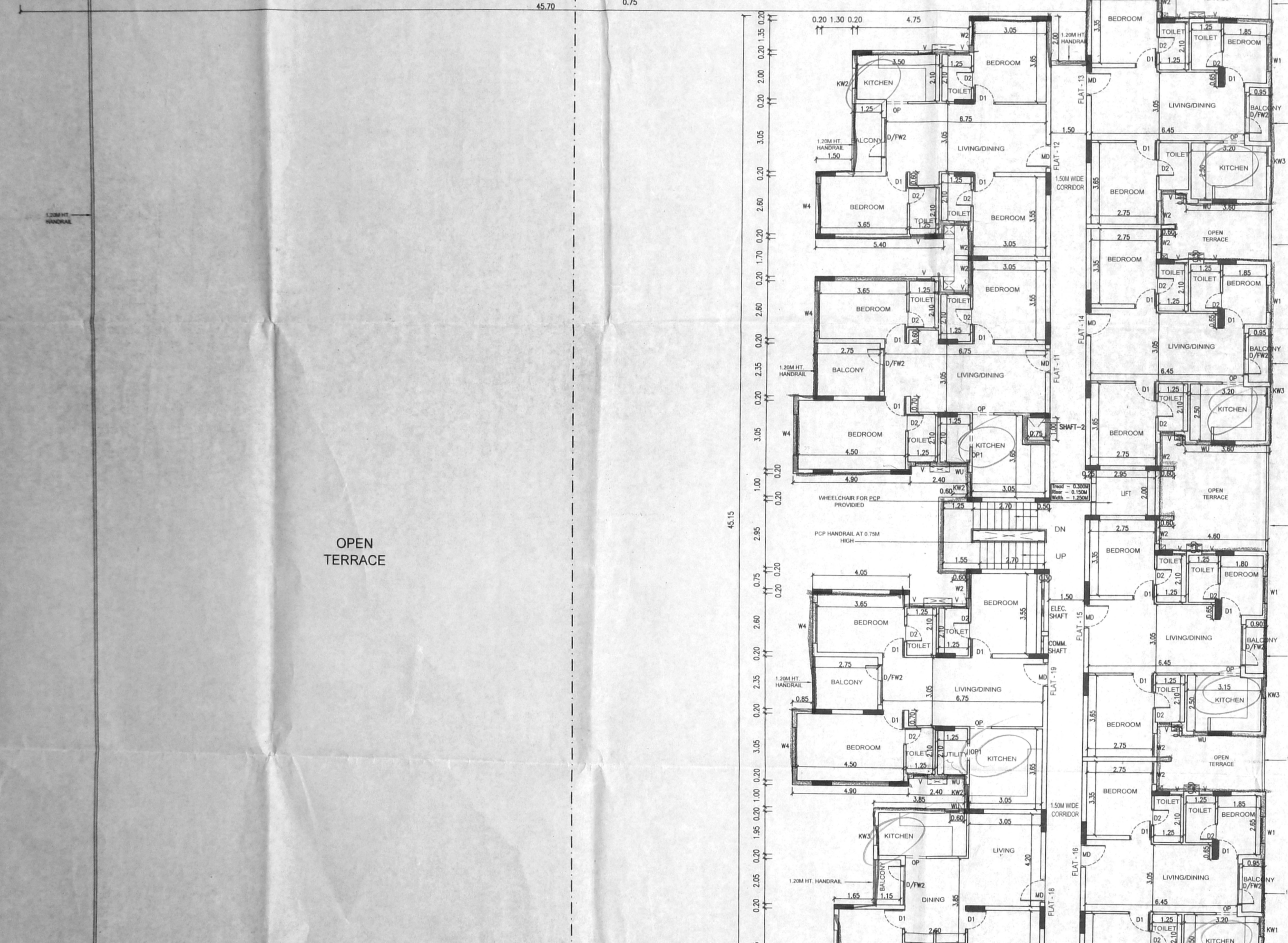
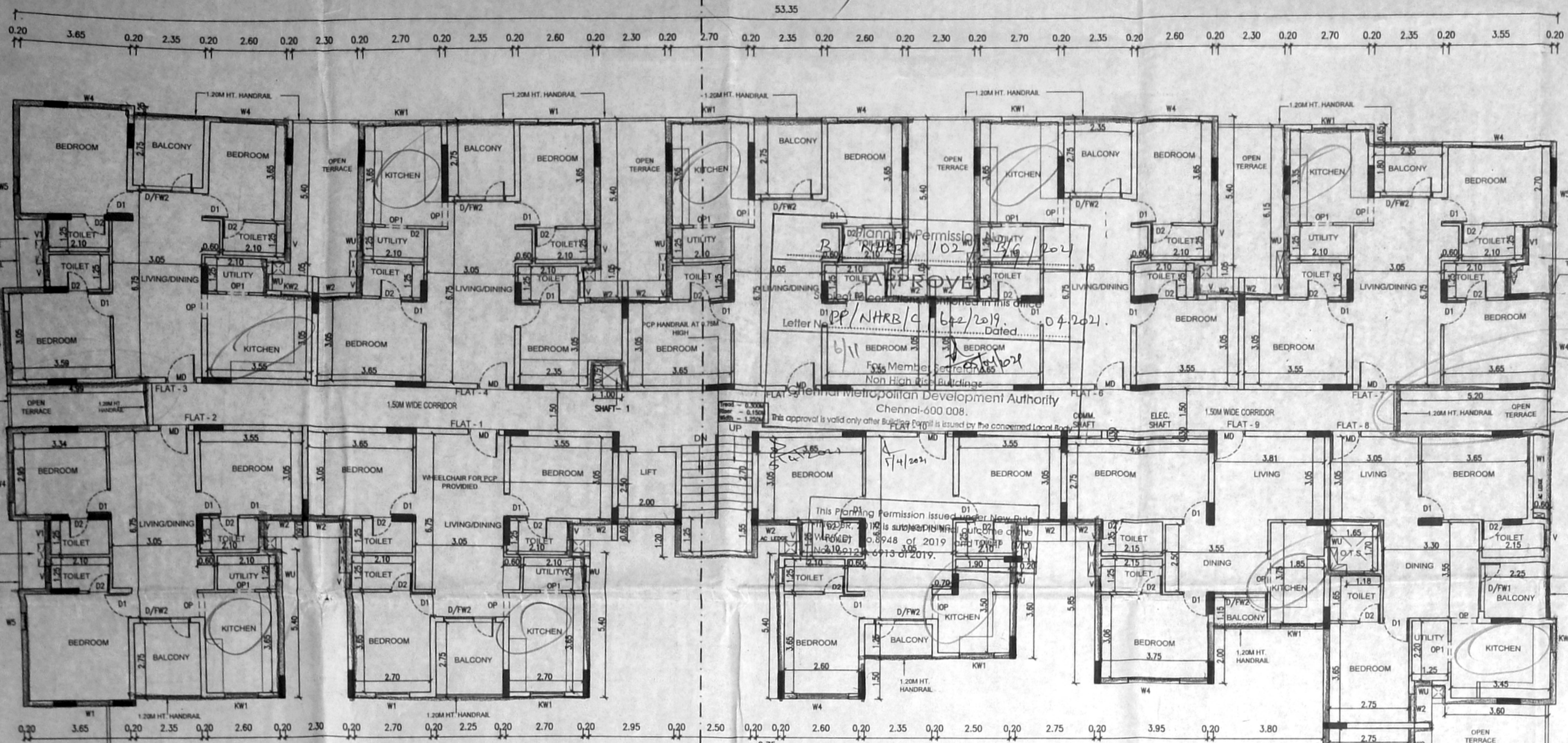
STRUCTURAL ENGINEER SIGNATURE:

S. MURALIDHARAN
 Architects, Town Planners, Engineers
 And Project Management
 Registered Council of Architecture
 No. CA / 2003 / 31585
 EN District No.385, P.O. A. First Floor, Vaidyanagar,
 Vaidyanagar Road, Anantapuram, Chennai - 600 109

LICENSED SURVEYOR SIGNATURE:

PLAN SHOWING PROPOSED CONSTRUCTION OF STILT + 5 FLOORS, RESIDENTIAL BUILDING UNITS AT BHARATHI AAR STREET / ARUNAGIRI STREET, PORUR, CHENNAI COMPRISED IN S.NO. 291/1, 298/1 (AS PER DOCUMENT) WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

PREMIUM FSI



FIRST FLOOR PLAN 26 dm

SCHEDULE OF JOINERY		
TYPE	DESCRIPTION	SIZE
MD	MAIN DOOR	1.05 x 2.15
D1	DOOR	0.90 x 2.15
D2	DOOR	0.75 x 2.15
D/FW1	DOOR CUM FRENCH WINDOW	2.15 x 2.15
D/FW2	DOOR CUM FRENCH WINDOW	1.85 x 2.15
FW1	FRENCH WINDOW	1.80 x 2.00
FW2	FRENCH WINDOW	1.50 x 2.00
W	WINDOW	1.50 x 1.35
W1	WINDOW	1.20 x 1.35
W2	WINDOW	1.05 x 1.35
W3	WINDOW	0.90 x 1.35
W4	WINDOW	1.80 x 1.35
W5	WINDOW	0.60 x 1.35
WU	WINDOW	0.60 x 1.10
KW	WINDOW	1.50 x 1.35
KW1	WINDOW	1.20 x 1.35
KW2	WINDOW	1.05 x 1.35
KW3	WINDOW	0.90 x 1.35
V	VENTILATOR	0.60 x 0.90
V1	VENTILATOR	0.60 x 1.65

ALL DIMENSIONS ARE IN METER

SCALE 1:100



COLOUR INDEX

- PROPOSED
- ROAD / STREET
- BOUNDARY

A. Soudaman

OWNER'S SIGNATURE:

STRUCTURAL ENGINEER SIGNATURE:

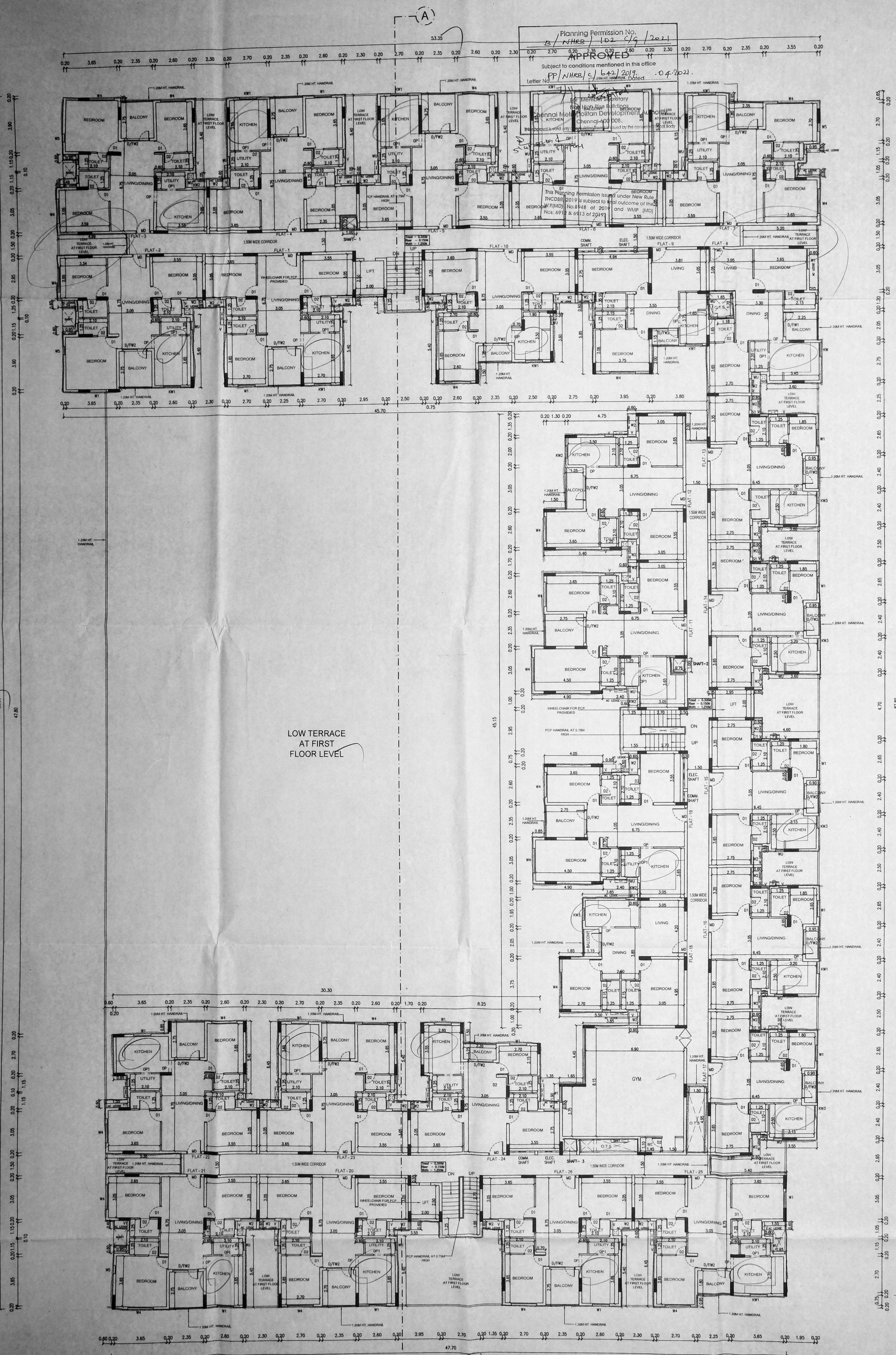
S. MURALIDHARAN
 Architect, Team Partners, Engineers
 And Project Management
 Registered Council of Architecture
 No. C-1/2003/21685
 81, Dindim No. 308, Flat-A, First Floor, Velan Nagar,
 Velanagar, Chennai - 600 016

LICENSED SURVEYOR SIGNATURE:

PLAN SHOWING PROPOSED CONSTRUCTION OF STILT+ 5 FLOORS, RESIDENTIAL BUILDING WITH 132 DWELLING UNITS AT BHARATHIYAR STREET / ARUNAGIRI STREET, PORUR, CHENNAI COMPRISED IN S.No. 291/1,298/1 (AS PER DOCUMENT), S.No. 291/1A, 298 / 1 OF PORUR VILLAGE WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

SCHEDULE OF JOINERY

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FW1	FRENCH WINDOW	1.80 x 2.00
FW2	FRENCH WINDOW	1.50 x 2.00
W	WINDOW	1.50 x 1.35
W1	WINDOW	1.20 x 1.35
W2	WINDOW	1.05 x 1.35
W3	WINDOW	0.90 x 1.35
W4	WINDOW	1.80 x 1.35
W5	WINDOW	0.60 x 1.35
WU	WINDOW	0.60 x 1.10
KW	WINDOW	1.50 x 1.35
KW1	WINDOW	1.20 x 1.35
KW2	WINDOW	1.05 x 1.35
KW3	WINDOW	0.90 x 1.35
V	VENTILATOR	0.60 x 0.90
V1	VENTILATOR	0.60 x 1.65



LOW TERRACE AT FIRST FLOOR LEVEL

ALL DIMENSIONS ARE IN METER

SCALE 1:100

COLOUR INDEX

PROPOSED

ROAD / STREET

BOUNDARY

A. Sowdamoni

OWNER'S SIGNATURE :

STRUCTURAL ENGINEER SIGNATURE

A. PERAMAYAN M.E. (Struct. M.E.)
 Registered Structural Engineer
 Chennai Metropolitan Development Authority
 Registration No. SE/CR-11/10/0226
 No. 162, Madhav Kall Street, Thiruvananthapuram,
 Kerala - 695 023
 Mob: 9841472714

SECOND FLOOR PLAN

26 dm

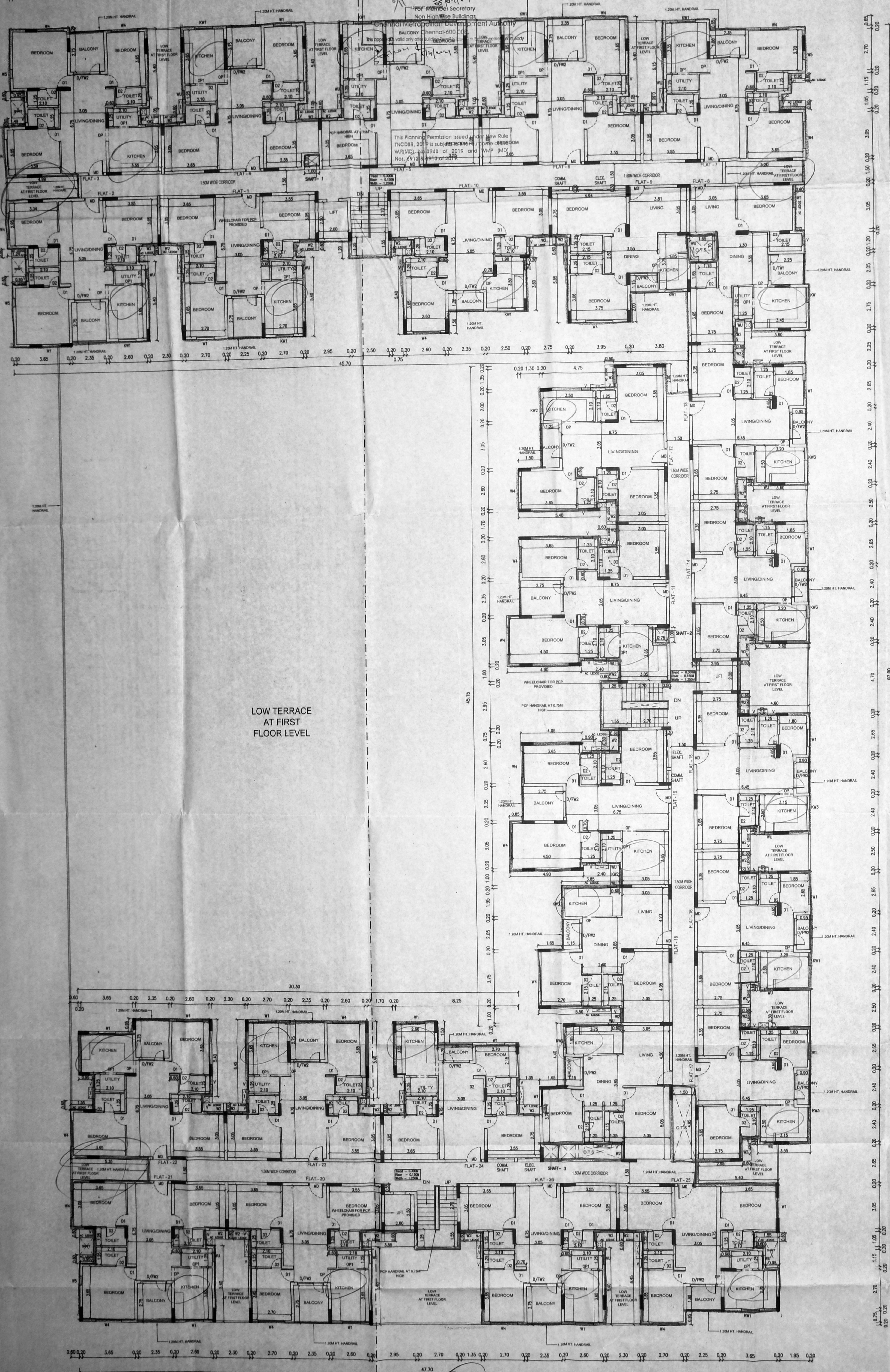
S. MURALIDHARAN
 Architect, Town Planners, Engineers
 And Project Management
 Registered Council of Architecture
 No. CA/2003/31585
 58 Eldore No.305, Flat-A, First Floor, Vallam Nagar,
 Velur Road, Avudainallur, Chennai - 600 108

LICENSED SURVEYOR SIGNATURE:

PREMIUM FSI

Planning Permission No. **27/11/2019**
 S.No. 291/1A, 298/1 OF PORUR VILLAGE
 WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

PLAN SHOWING PROPOSED CONSTRUCTION OF STILT+ 5 FLOORS, RESIDENTIAL BUILDING WITH 132 DWELLING UNITS AT BHARATHYAR STREET / ARUNAGIRI STREET, PORUR, CHENNAI COMPRISED IN S.No. 291/1, 298/1 (AS PER DOCUMENT), S.No. 291/1A, 298 / 1 OF PORUR VILLAGE WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.



SCHEDULE OF JOINERY

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W5	WINDOW	0.60 x 1.35
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KW	WINDOW	1.50 x 1.35
KW1	WINDOW	1.20 x 1.35
KW2	WINDOW	1.05 x 1.35
KW3	WINDOW	0.90 x 1.35
V	VENTILATOR	0.60 x 0.90
V1	VENTILATOR	0.60 x 1.65

ALL DIMENSIONS ARE IN METER

SCALE 1:100

COLOUR INDEX

PROPOSED: [Line style]

ROAD / STREET: [Line style]

BOUNDARY: [Line style]

OWNER'S SIGNATURE: _____

A. PERAMATHAN, M.E. (Struct.)
 Chennai Metropolitan Development Authority
 Registered Structural Engineer
 No. 162, Madhav Kall Street, Thiruvalluvar Nagar,
 Ayanavaram, Chennai - 600 023.
 Email: peramathany@yahoo.com
 Mob: 9845154714

A. Sowdamani

STRUCTURAL ENGINEER SIGNATURE: _____

S. MURALIDHARAN
 Architects, Town Planners, Engineers
 And Project Management
 Registered Council of Architects
 No. CA / 2006 / 31588
 5th Floor, No. 305, Flat A, First Floor, Velaar Nagar,
 Velaar Road, Avambakkam, Chennai - 600 100

LICENSED SURVEYOR SIGNATURE: _____

THIRD & FOURTH FLOOR PLAN

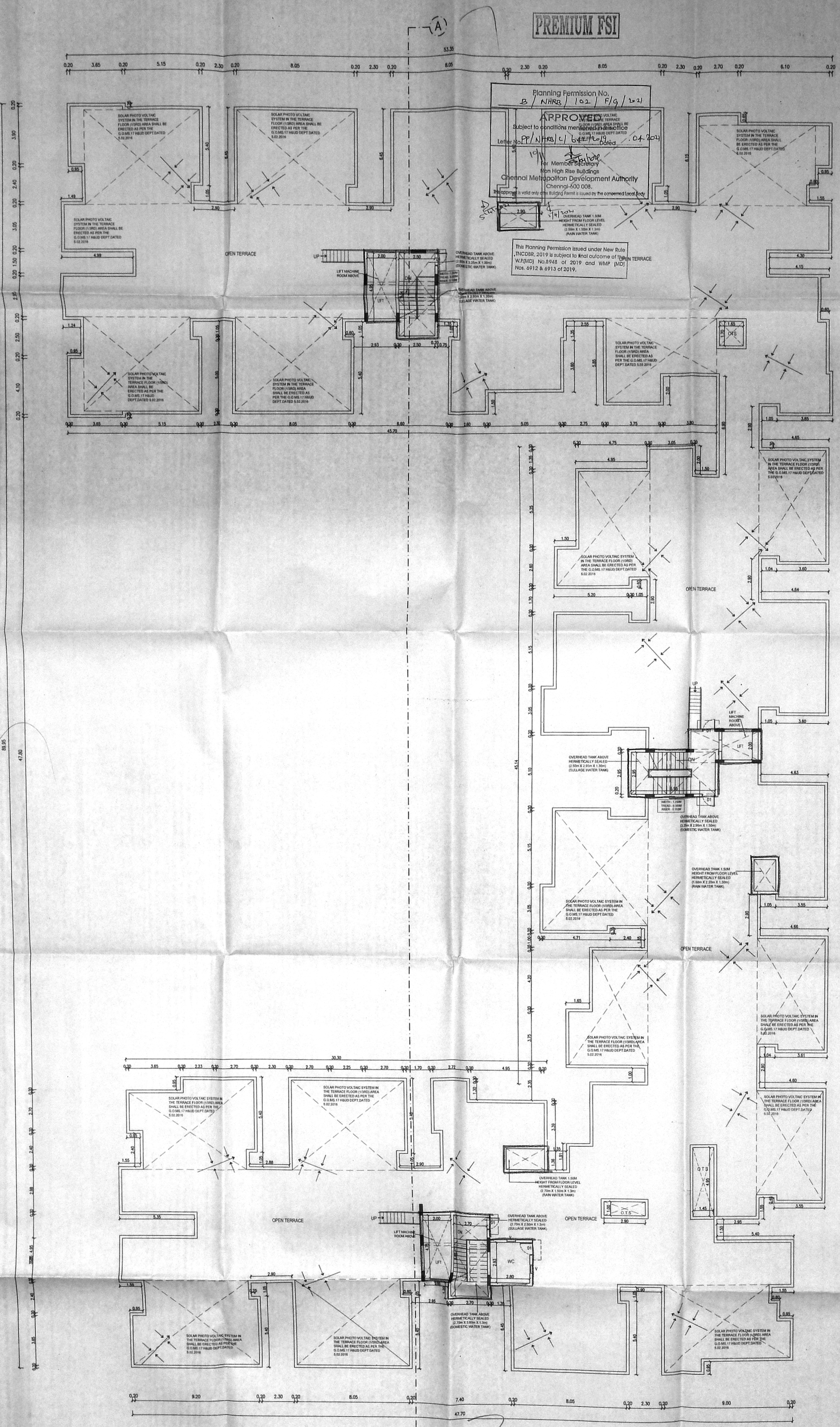
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அருள்மேகம் பிரிவு

PREMIUM FSI

PLAN SHOWING PROPOSED CONSTRUCTION OF STILT+ 5 FLOORS, RESIDENTIAL BUILDING WITH 132 DWELLING UNITS AT BHARATHIYAR STREET / ARUNAGIRI STREET, PORUR CHENNAI COMPRISED IN S.No. 291/1,298/1(AS PER DOCUMENT) S.No. 291/1A, 298 / 1 OF PORUR VILLAGE WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

PREMIUM FSI



SCHEDULE OF JOINERY

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KW2	WINDOW	1.05 x 1.35
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V	VENTILATOR	0.60 x 0.90
V1	VENTILATOR	0.60 x 1.65

ALL DIMENSIONS ARE IN METER

SCALE 1:100

COLOUR INDEX

PROPOSED

ROAD / STREET

BOUNDARY

OWNER'S SIGNATURE :

STRUCTURAL ENGINEER SIGNATURE:

S. MURALIDHARAN
Architects, Town Planners, Engineers
And Project Management
Registered Council of Architecture
No. CA/2003/21858
162, Madhav Nagar, Thiruvallur, Tamil Nadu - 601 022
Email: s.muralidharan@gmail.com
Mob: 9841412114

LICENSED SURVEYOR SIGNATURE:

TERRACE FLOOR PLAN

PLAN SHOWING PROPOSED CONSTRUCTION OF STILT+ 5 FLOORS, RESIDENTIAL BUILDING WITH 132 DWELLING UNITS AT BHARATHIYAR STREET / ARUNAGIRI STREET, PORUR, CHENNAI COMPRISED IN S.No. 291/1,298/1(AS PER DOCUMENT),, S.No. 291/1A, 298 / 1 OF PORUR VILLAGE WITHIN THE LIMIT OF GREATER CHENNAI CORPORATION.

PREMIUM FSI



FRONT ELEVATION



SECTION - AA

ALL DIMENSIONS ARE IN METER

SCALE 1:100

COLOUR INDEX

PROPOSED	
ROAD / STREET	
BOUNDARY	

OWNER'S SIGNATURE :
A. Saramani

STRUCTURAL ENGINEER SIGNATURE:

 A. PERAMAYAN, M.E., M.S., M.I.E.
 Registered Structural Engineer
 Chennai Metropolitan Development Authority
 No. 22, Madhav Kall Street, Madhav Nagar,
 Anna Nagar, Chennai - 600 023.
 Email: peramayan@peramayan.com
 Mob: 98454214

LICENSED SURVEYOR SIGNATURE:

 S. MURALIDHARAN
 Architects, Town Planners, Engineers
 And Project Management
 Registered Council of Architects
 No. CA/2003/215856
 201 Enclave No.30/1, Plot A, First Floor, Velan Nagar,
 Vellur Road, Arambankam, Chennai - 600 100