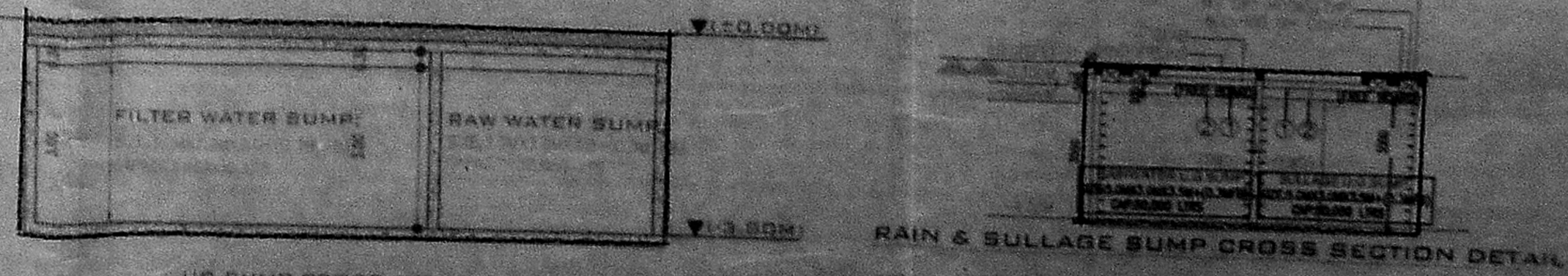
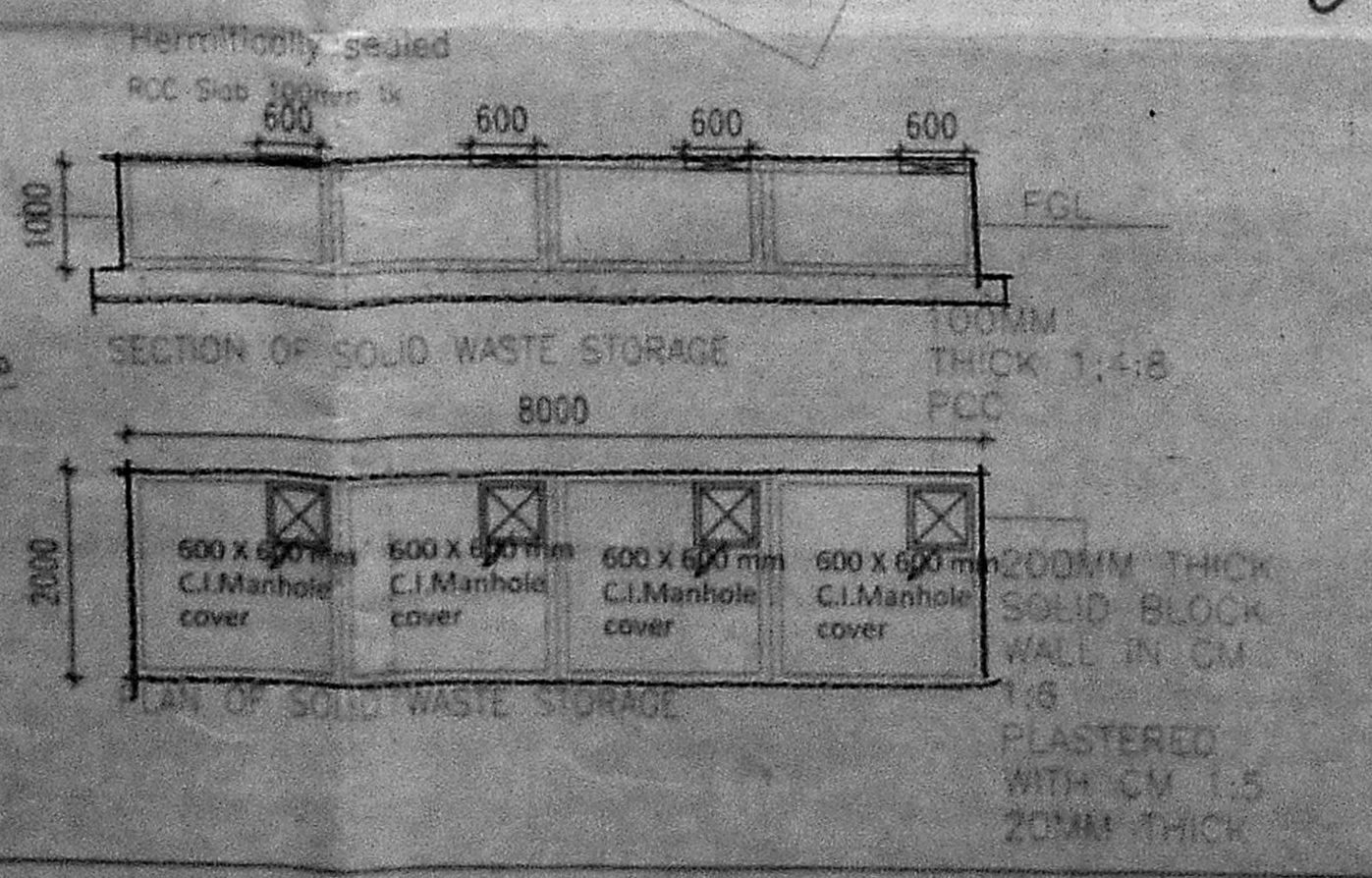
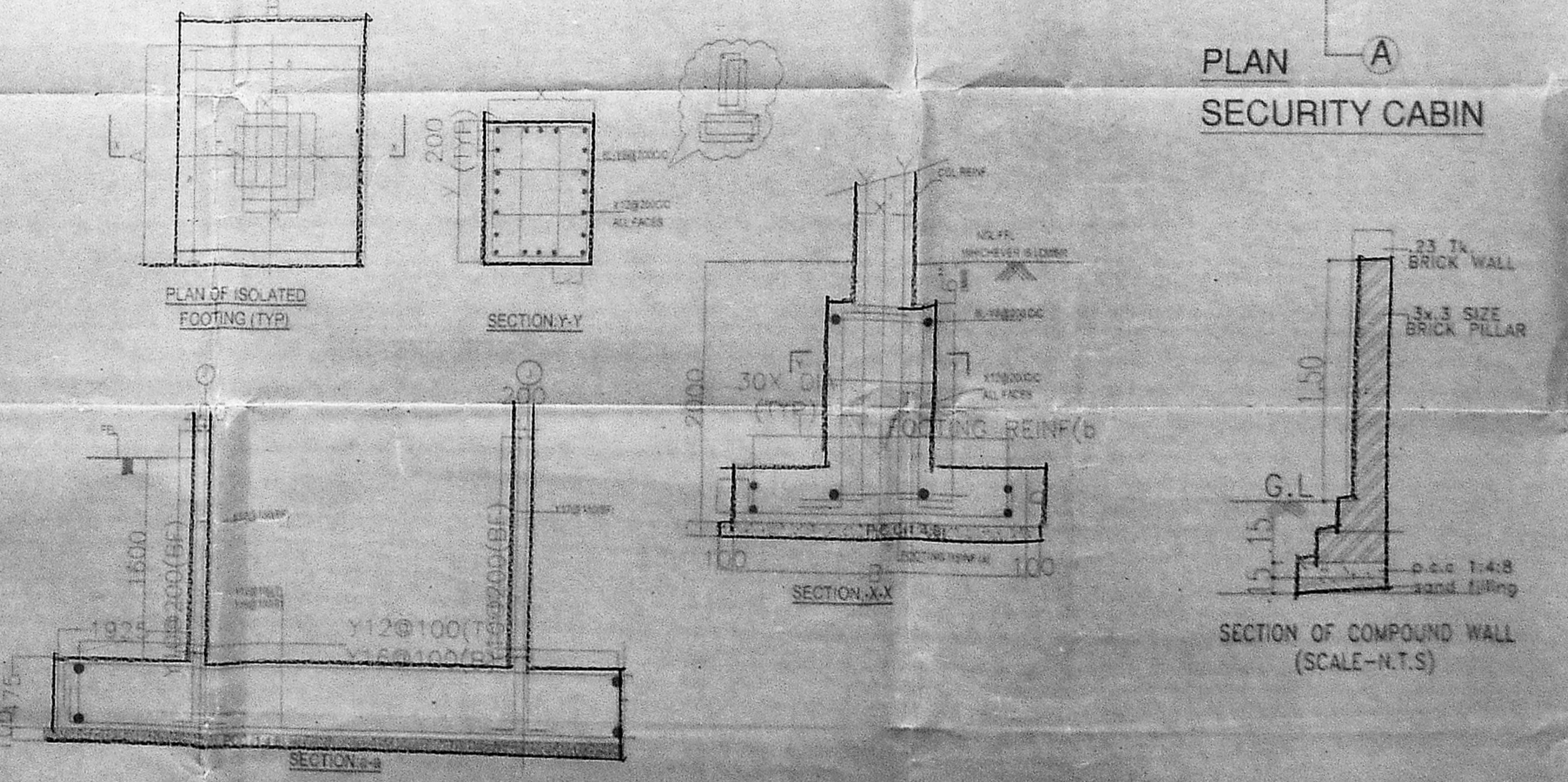
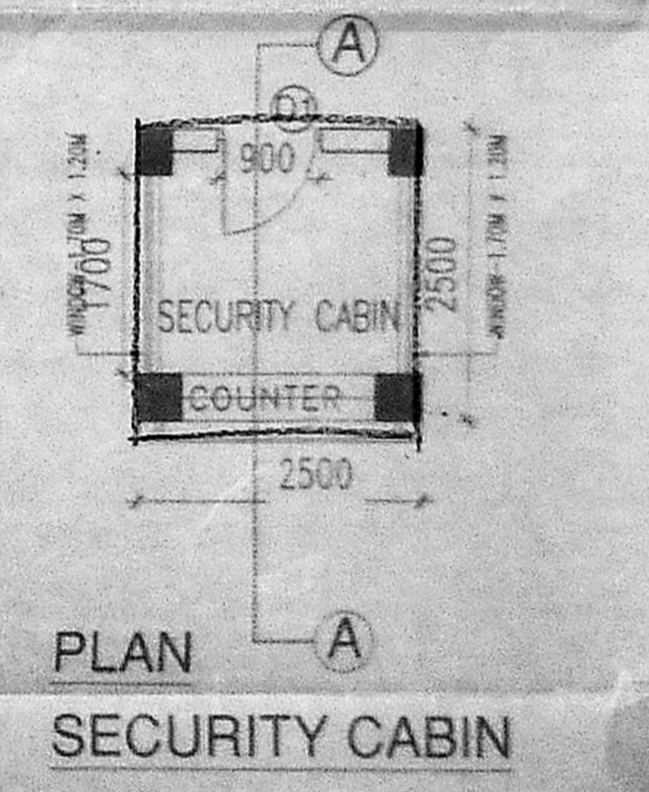
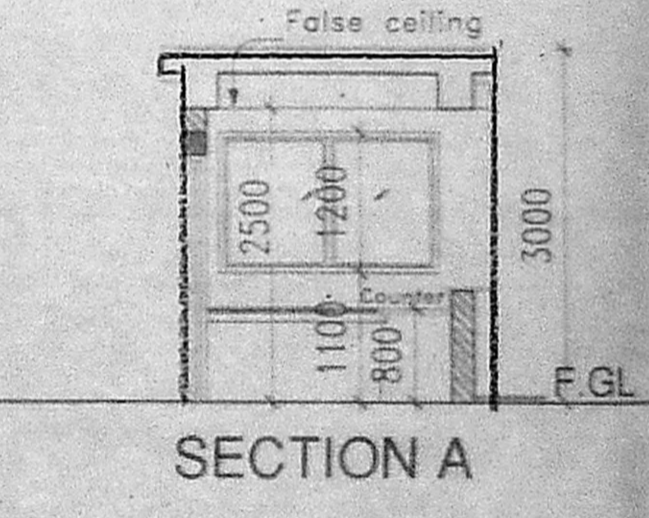
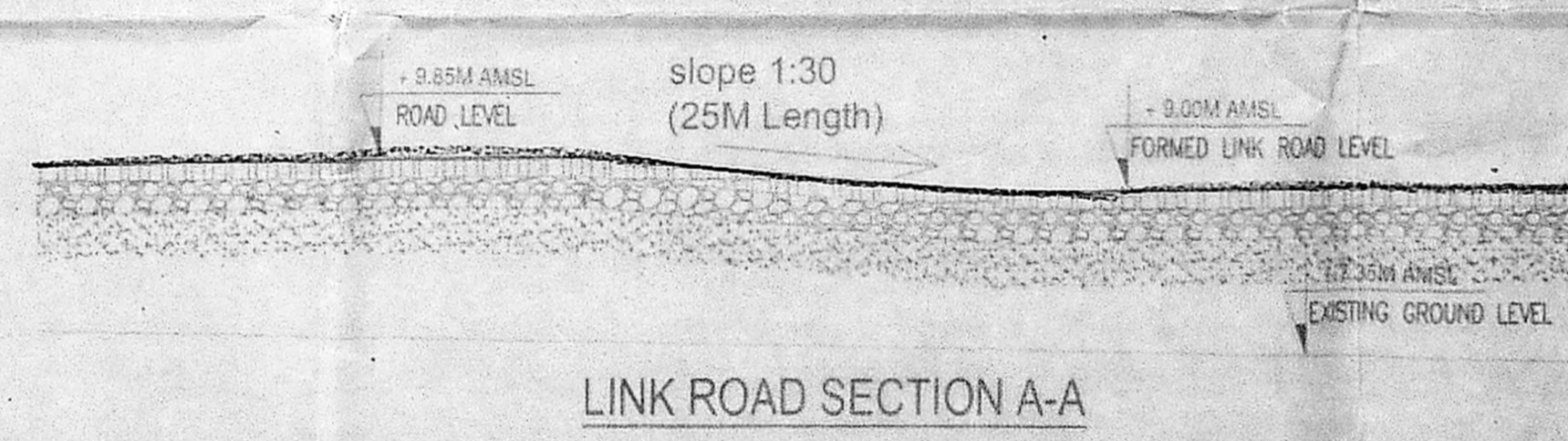
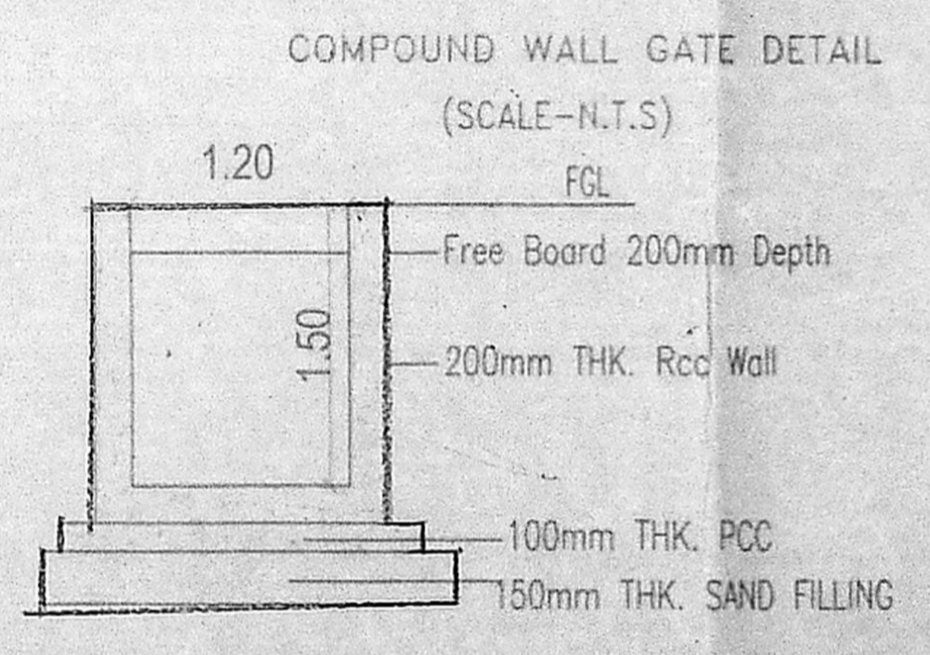
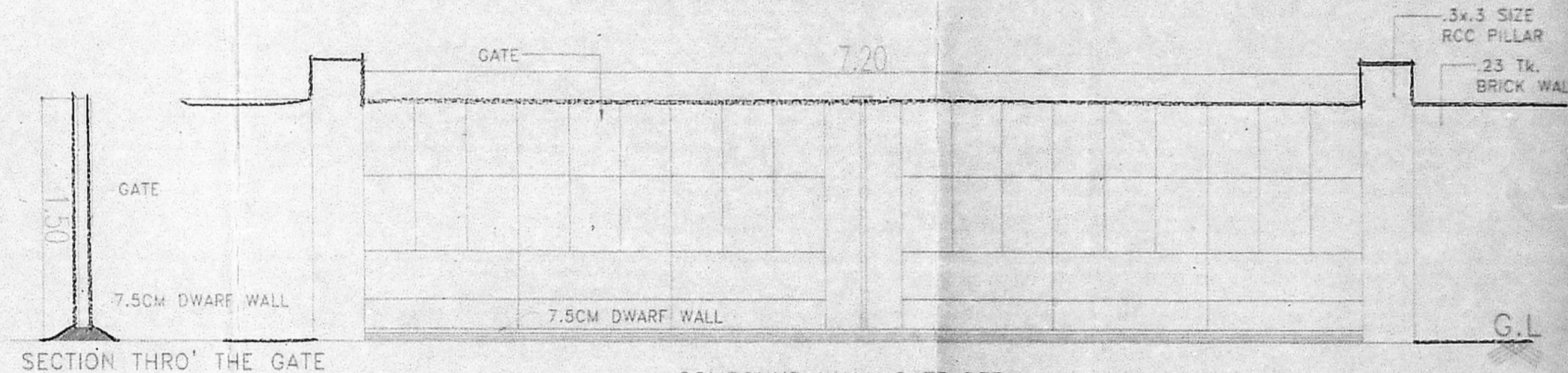


AREA STATEMENT

SITE AREA AS PER PATTA	9660.00 Sq.m
SITE AREA AS PER DOC	9712.37 Sq.m
AS PER SITE	9648.95 Sq.m
FLOOR NAME	RESIDENTIAL
BALCONY	FBI
FLOOR STILT	0.00
FLOOR 01	115.47
FLOOR 02	115.47
FLOOR 03	115.47
FLOOR 04	129.78
TOTAL	476.19
F.S.I AREA ACHIEVED	11784.34 SQ.M
	9648.95 SQ.M
	= 1.221
PLOT COVERAGE	3049.69 SQ.M
	9600.00 SQ.M
	X 100 = 31.76%
TOTAL NO OF DWELLING UNITS	132 NOS
TOTAL NO OF CAR PARKING REQUIRED	43 NOS
TOTAL NO OF CARPARKING PROVIDED	119 NOS
TOTAL NO OF TWO WHEELER PARKING REQUIRED	113 NOS
TOTAL NO OF TWO WHEELER PARKING PROVIDED	131 NOS

COLUMN SCHEDULE

SL.NO.	COLUMN MARK	SIZE
1	C1	300x600 (UPTO SILT FLOOR)
		200x600 (ABOVE SILT FLOOR)



செட்டிப்படுத்திய
 2/8/17
 சிவசுப்பிரமணியன்

NOTE: ALL DIMENSIONS ARE IN METERS

SITE PLAN

SCALE 1:200

PROJECT TITLE :
 PLAN SHOWING THE PROPOSED RESIDENTIAL BUILDING AT SURVEY NOS: 65/1, 65/2A, 65/2A3, 65/2B1, 65/2B2, 65/2C, 65/2D, 66/1A, 66/2 OF KOLAPAKKAM VILLAGE, ABUTTING KOLAPAKKAM - PEERKANKARANAI ROAD, KATTANKULATHUR PANCHAYAT UNION, CHENGALPET TALUK, KANCHEEPURAM DISTRICT.

REFERENCE

- PROPOSAL
- BOUNDARY
- ROAD

OWNER'S SIGNATURE:

ARCHITECTS SIGNATURE

P. Elanchezhyan
 P. ELANCHEZHIAN, B.Arch, M.T.P.
 Reg. Archited No: CA20330723
 L.S. No. RA. 9620016-2024
 Corporation of Chennai
 14/52, Thevarthi Ngr, Madhavandipet
 Chennai - 600 125. M: 931 5410 34 94

COLUMN SCHEDULE

SL.NO.	COLUMN MARK	SIZE
1	C1	300x600 (UPTO SILT FLOOR) 200x400 (ABOVE SILT FLOOR)

NOTE: ALL DIMENSIONS ARE IN METERS

STILT FLOOR PLAN

SCALE: 1:100

PROJECT TITLE :
 PLAN SHOWING THE PROPOSED RESIDENTIAL BUILDING AT SURVEY NOS: 65/1, 65/2A2, 65/2A3, 65/2B1, 65/2B2, 65/2C, 65/2D, 66/1A, 66/2 OF KOLAPAKKAM VILLAGE, ABUTTING KOLAPAKKAM - PEERKANKARANAI ROAD, KATTANKULATHUR PANCHAYAT UNION, CHENGALPET TALUK, KANCHEEPURAM DISTRICT.

SCHEDULE OF JOINERY

DOORS	
TYPE	SIZE
D1	1200 x 2100
D2	900 x 2100
D3	750 x 2100
D4	1800 x 1300
D5	2000 x 1300
D6	900 x 2100
D7	900 x 2100
D8	900 x 2100
D9	900 x 2100
D10	900 x 2100
D11	900 x 2100
D12	900 x 2100
D13	900 x 2100
D14	900 x 2100
D15	900 x 2100
D16	900 x 2100
D17	900 x 2100
D18	900 x 2100
D19	900 x 2100
D20	900 x 2100
D21	900 x 2100
D22	900 x 2100
D23	900 x 2100
D24	900 x 2100
D25	900 x 2100
D26	900 x 2100
D27	900 x 2100
D28	900 x 2100
D29	900 x 2100
D30	900 x 2100
D31	900 x 2100
D32	900 x 2100
D33	900 x 2100
D34	900 x 2100
D35	900 x 2100
D36	900 x 2100
D37	900 x 2100
D38	900 x 2100
D39	900 x 2100
D40	900 x 2100
D41	900 x 2100
D42	900 x 2100
D43	900 x 2100
D44	900 x 2100
D45	900 x 2100
D46	900 x 2100
D47	900 x 2100
D48	900 x 2100
D49	900 x 2100
D50	900 x 2100
D51	900 x 2100
D52	900 x 2100
D53	900 x 2100
D54	900 x 2100
D55	900 x 2100
D56	900 x 2100
D57	900 x 2100
D58	900 x 2100
D59	900 x 2100
D60	900 x 2100
D61	900 x 2100
D62	900 x 2100
D63	900 x 2100
D64	900 x 2100
D65	900 x 2100
D66	900 x 2100
D67	900 x 2100
D68	900 x 2100
D69	900 x 2100
D70	900 x 2100
D71	900 x 2100
D72	900 x 2100
D73	900 x 2100
D74	900 x 2100
D75	900 x 2100
D76	900 x 2100
D77	900 x 2100
D78	900 x 2100
D79	900 x 2100
D80	900 x 2100
D81	900 x 2100
D82	900 x 2100
D83	900 x 2100
D84	900 x 2100
D85	900 x 2100
D86	900 x 2100
D87	900 x 2100
D88	900 x 2100
D89	900 x 2100
D90	900 x 2100
D91	900 x 2100
D92	900 x 2100
D93	900 x 2100
D94	900 x 2100
D95	900 x 2100
D96	900 x 2100
D97	900 x 2100
D98	900 x 2100
D99	900 x 2100
D100	900 x 2100

REFERENCE

PROPOSAL

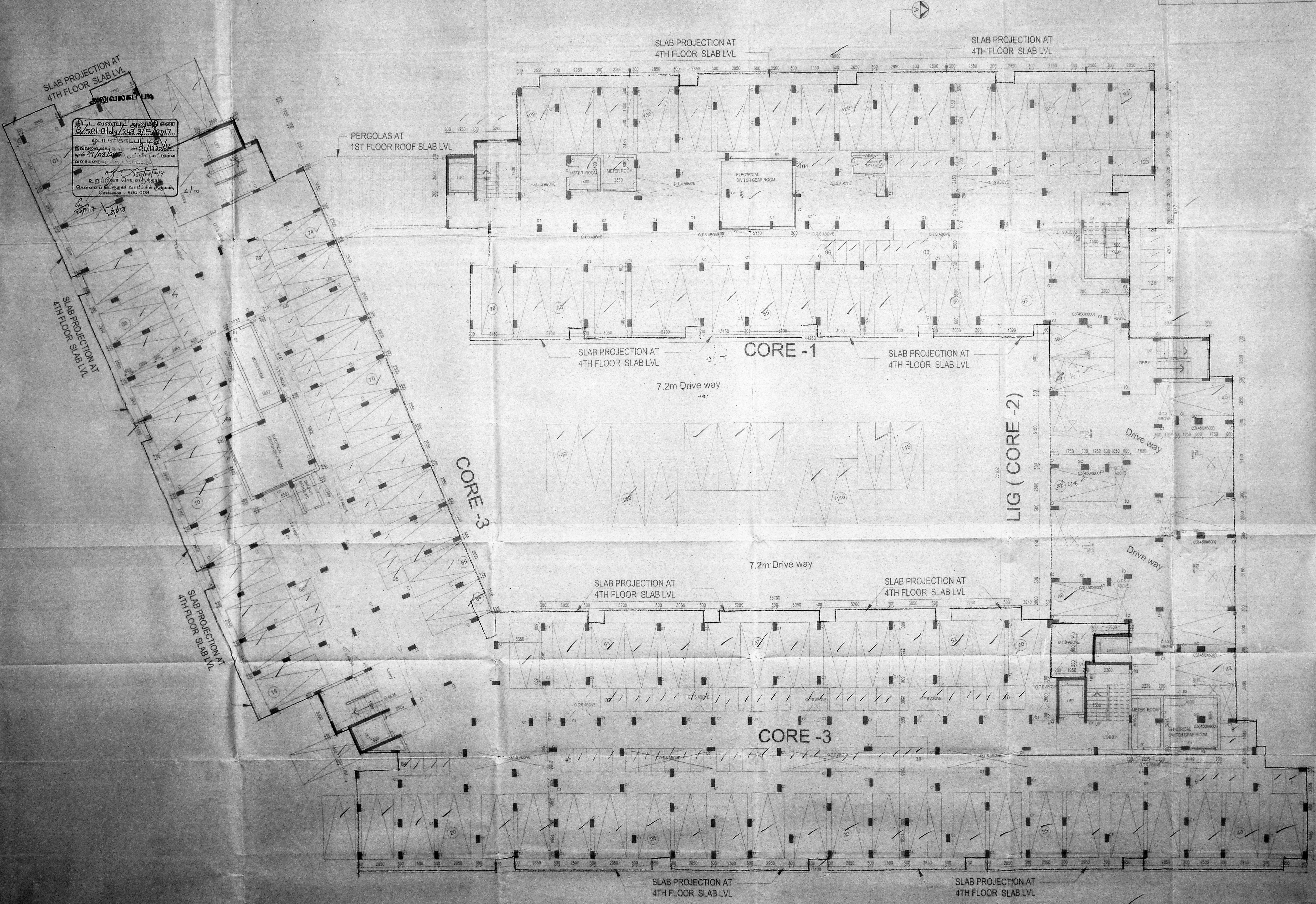
OWNER'S SIGNATURE :

For Emerald Haven Development Limited

 Authorized Signatory

ARCHITECTS SIGNATURE

P. ELANCHEZHIAN, B.Arch, M.A.T.P.
 Reg. Architect No. CA/00335729
 I.S. No. RA. 562010-3024
 Corporation of Chennai
 1452 Thevara Road, Mylapore, Chennai - 600 025. Tel: 81 98410 5632



STILT FLOOR PLAN

குடிவகைப் படி
13.2.2016
ந. சண்முகம்
உ. தயிலாளர்
தி. உ.
கு. சி. அ.

NOTE: ALL DIMENS...

TYPICAL FLOOR PLAN (1ST TO 3RD FLOOR) & SECTION

SCALE 1:100



PROJECT TITLE :

PLAN SHOWING THE PROPOSED
RESIDENTIAL BUILDING AT SURVEY
NOS: 65/1, 65/2A, 65/2A3, 65/2B1,
65/2B2, 65/2C, 65/2D, 66/1A, 66/2
OF KOLAPAKKAM VILLAGE, ABUTTING
KOLAPAKKAM - PEERKANKARANAI
ROAD, KATTANKULATHUR
PANCHAYAT UNION, CHENGALPET
TALUK, KANCHEEPURAM DISTRICT.

SCHEDULE OF JOINERY

DOORS	TYPE	SIZE	NO
DOORS	M1	1650 x 2300	DOOR
	D1	850 x 2300	DOOR
	D2	750 x 2300	DOOR
	D3	1250 x 2300	DOOR
	D4	1050 x 2300	DOOR
	D5	1350 x 2300	DOOR
	D6	1050 x 2300	DOOR
	D7	1050 x 2300	DOOR
	D8	1050 x 2300	DOOR
	D9	1050 x 2300	DOOR
WINDOWS	W1	1200 x 1200	WINDOW
	W2	1500 x 2000	WINDOW
	W3	1500 x 1200	WINDOW
	W4	600 x 1200	WINDOW
	W5	1050 x 1200	WINDOW
	W6	1550 x 2000	WINDOW
	W7	1050 x 1550	WINDOW
	W8	1400 x 1650	WINDOW
	W9	700 x 2000	WINDOW
	W10	700 x 2000	WINDOW
VENTILATORS	V1	500 x 800	VENTILATOR
	V2	500 x 800	VENTILATOR

REFERENCE

PROPOSAL

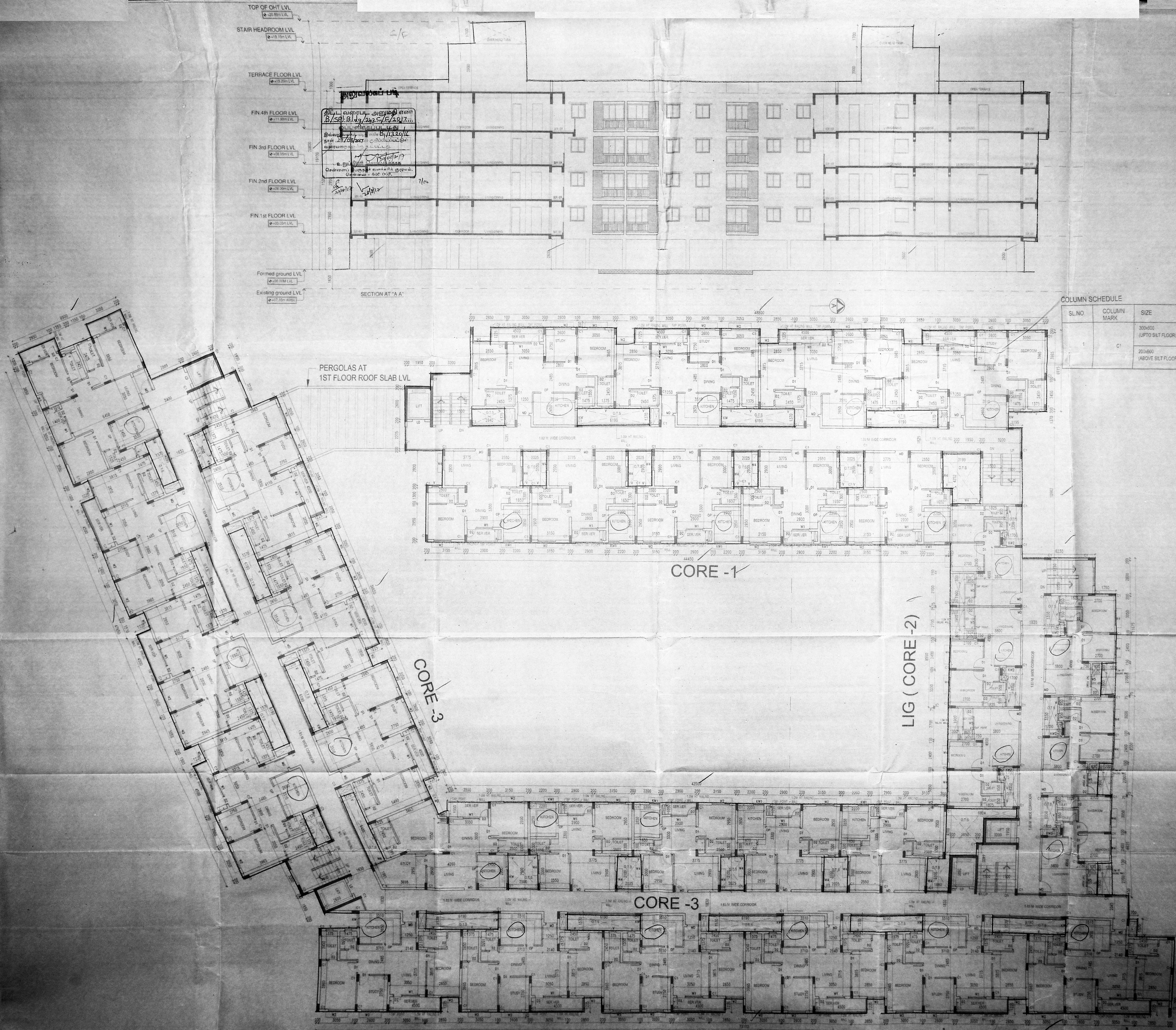
OWNER'S SIGNATURE

For Emerald Haven Development Limited
Authorised Signatory

ARCHITECTS SIGNATURE

P. S.

R. ELANGEZHAYAN, B.Arch, M.T.P.
Reg. No. RA-10/2003-39729
U.S. No. RA-582010-2004
Corporation of Chennai
1452 Thiruvannamalai High Road, Anna Nagar
Chennai - 600 125. M-+91 88410 96135



COLUMN SCHEDULE

SL. NO	COLUMN MARK	SIZE
1	C1	300x300 (UPTO SILT FLOOR) 200x200 (ABOVE SILT FLOOR)

TYPICAL FLOOR PLAN (1ST TO 3RD FLOOR)

COLUMN SCHEDULE

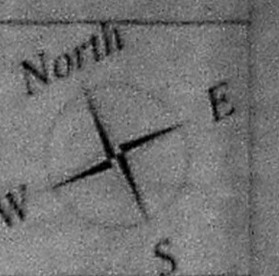
SL.NO	COLUMN MARK	SIZE
1	C1	300x300 (UP TO SILT FLOOR)
		200x400 (ABOVE SILT FLOOR)

NOTE: ALL DIMENSIONS ARE IN 'mm'

செ.சி.வா.கு. (55)
ந. எண். 2/28/17
உ.தலியாளர்
கூர்ந்திய வளர்ச்சி
பு.எண். 2/28/17

4TH FLOOR PLAN

SCALE 1:100



PROJECT TITLE :

PLAN SHOWING THE PROPOSED RESIDENTIAL BUILDING AT SURVEY NOS: 65/1, 65/2A2, 65/2A3, 65/2B1, 65/2B2, 65/2C, 65/2D, 66/1A, 66/2 OF KOLAPAKKAM VILLAGE, ABUTTING KOLAPAKKAM - PEERKANKARANAI ROAD, KATTANKULATHUR PANCHAYAT UNION, CHENGALPET TALUK, KANCHEEPURAM DISTRICT.

SCHEDULE OF JOINERY

DOORS	TYPE	SIZE	DOOR
D1	1550 X 2300	1550 X 2300	DOOR
D2	800 X 2300	800 X 2300	DOOR
D3	750 X 2300	750 X 2300	DOOR
D4	1825 X 2300	1825 X 2300	DOOR
D5	1825 X 2300	1825 X 2300	DOOR
D6	3000 X 2300	3000 X 2300	ROLLING SHUTTER
D7	300 X 2300	300 X 2300	OPENING
WINDOWS	TYPE	SIZE	WINDOW
W1	1750 X 1200	1750 X 1200	WINDOW
W2	1500 X 2000	1500 X 2000	WINDOW
W3	1500 X 1200	1500 X 1200	WINDOW
W4	800 X 1200	800 X 1200	WINDOW
W5	1200 X 1300	1200 X 1300	WINDOW
W6	1050 X 2000	1050 X 2000	WINDOW
W7	1200 X 1650	1200 X 1650	WINDOW
W8	900 X 1350	900 X 1350	WINDOW
W9	700 X 1550	700 X 1550	WINDOW
VENTILATOR	TYPE	SIZE	VENTILATOR
V1	600 X 600	600 X 600	VENTILATOR

REFERENCE

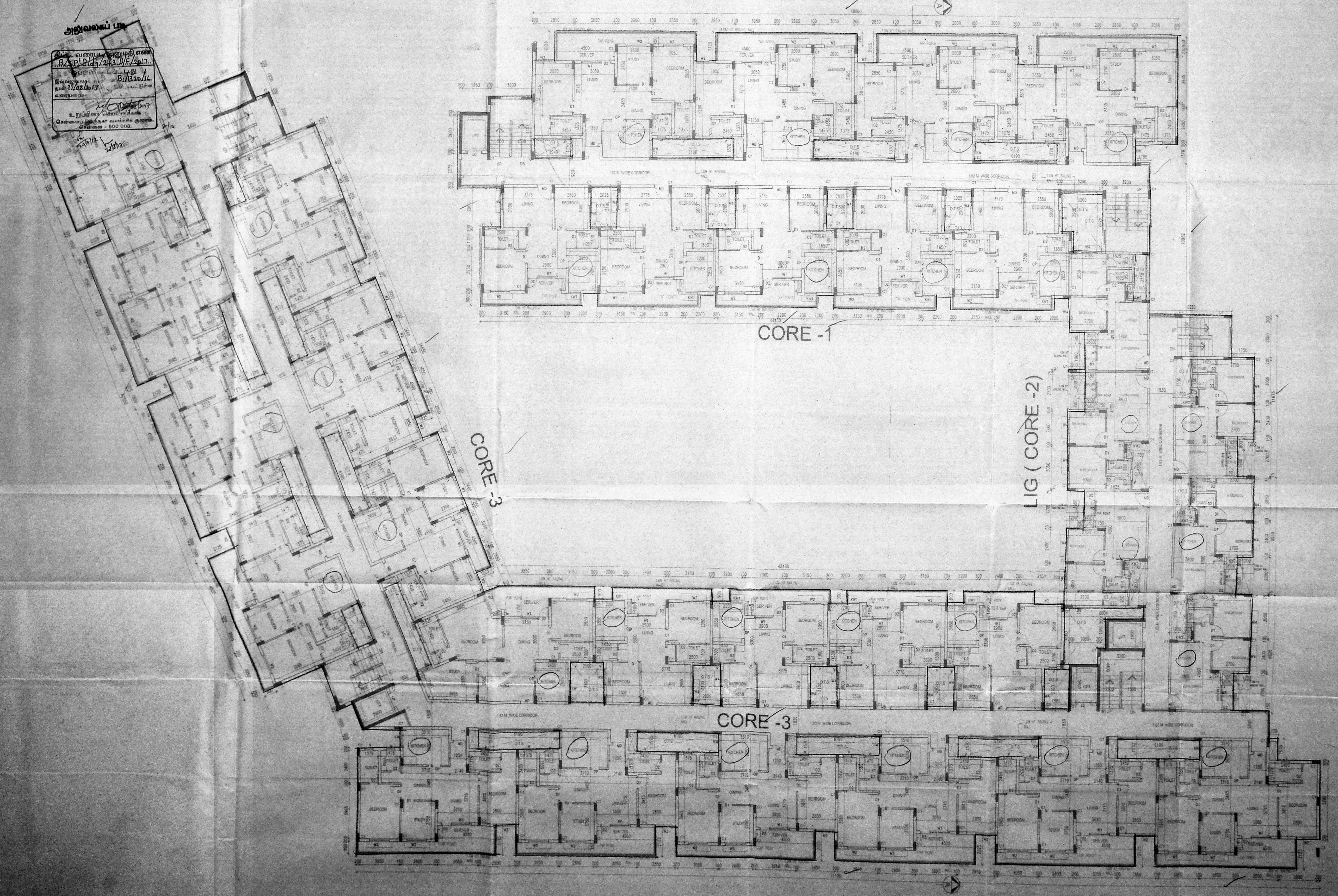
PROPOSAL

OWNER'S SIGNATURE

For Emerald Haven Development Limited
Authorized Signatory

ARCHITECTS SIGNATURE

P. ELANCHEZHIAN, B.Arch, JETP
Reg. Architect No. CA200830229
L.S. No. RA. 5622010-2024
Corporation of Chennai
14/52 Thiruvalluvar Nagar, Madhavaram
Chennai - 600 125. Tel. +91 96410 96395



4TH FLOOR PLAN

NOTE: ALL DIMENS

TERRACE FLOOR PLAN & ELEVATION

SCALE 1:100



PROJECT TITLE :
PLAN SHOWING THE PROPOSED RESIDENTIAL BUILDING AT SURVEY NOS: 65/1, 65/2A2, 65/2A3, 65/2B1, 65/2B2, 65/2C, 65/2D, 66/1A, 66/2 OF KOLAPAKKAM VILLAGE, ABUTTING KOLAPAKKAM - PEERKANKARANAI ROAD, KATTANKULATHUR PANCHAYAT UNION, CHENGALPET TALUK, KANCHEEPURAM DISTRICT.

SCHEDULE OF JOINERY

DOORS	TYPE	SIZE	DESCRIPTION
D1	DOOR	1550 x 2350	
D2	DOOR	900 x 2300	
D3	DOOR	1550 x 2350	
D4	DOOR	1825 x 2350	
D5	DOOR	1550 x 2350	
D6	ROLLING SHUTTER	1000 x 2300	
D7	OPENING	800 x 2100	
WINDOWS			
W1	WINDOW	1700 x 1200	
W2	WINDOW	1500 x 1000	
W3	WINDOW	1500 x 1200	
W4	WINDOW	600 x 1000	
W5	WINDOW	1200 x 1200	
W6	WINDOW	1550 x 2000	
W7	WINDOW	1200 x 1000	
W8	WINDOW	800 x 1050	
W9	WINDOW	700 x 1050	
VENTILATOR			
V1	VENTILATOR	600 x 600	

REFERENCE

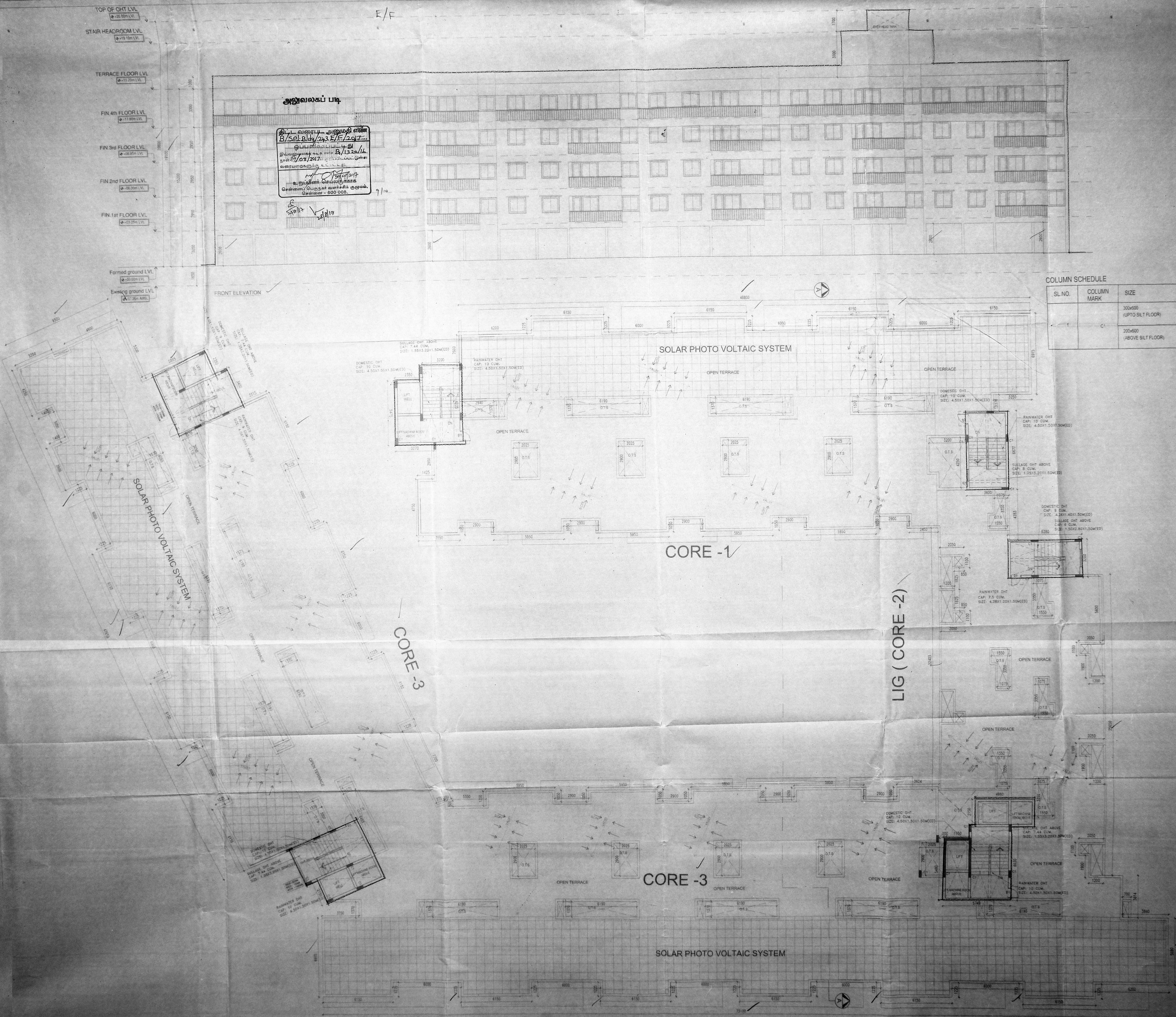
—	PROPOSAL
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OWNER'S SIGNATURE :

For Emerald Haven Development Limited
Authorised Signatory

ARCHITECTS SIGNATURE

P. J.
P. ELANCHEZHIAN, B.Arch, M.T.P.
Reg. Architect No. CA20030279
I.S. No. P.A. 02/00103/2024
Corporation of Chennai
MOS, Thiruvalluvar Nagar, Madhavarampet
Chennai - 600 125. M: 91 50418 96 70



COLUMN SCHEDULE

SL. NO.	COLUMN MARK	SIZE
	C1	300x600 (UP TO SILT FLOOR)
		200x600 (ABOVE SILT FLOOR)

TERRACE FLOOR PLAN

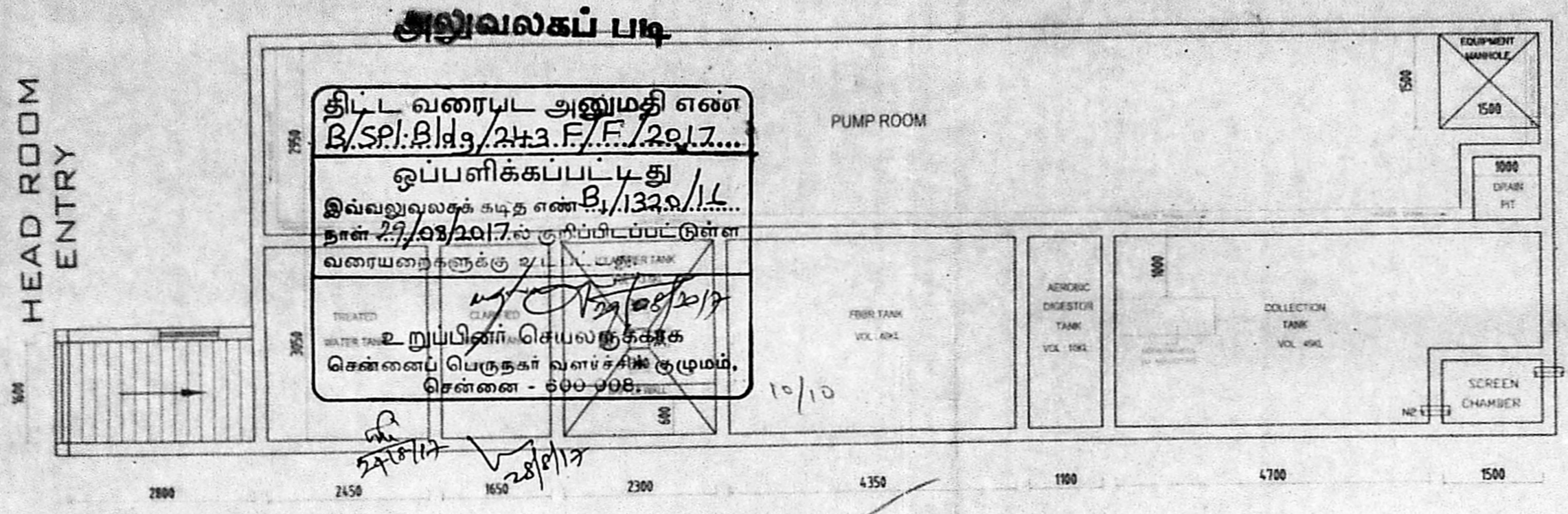
F/F SEWAGE TREATMENT PLANT OF CAPACITY 90 KLD

Activated Sludge Process - Extended Aeration

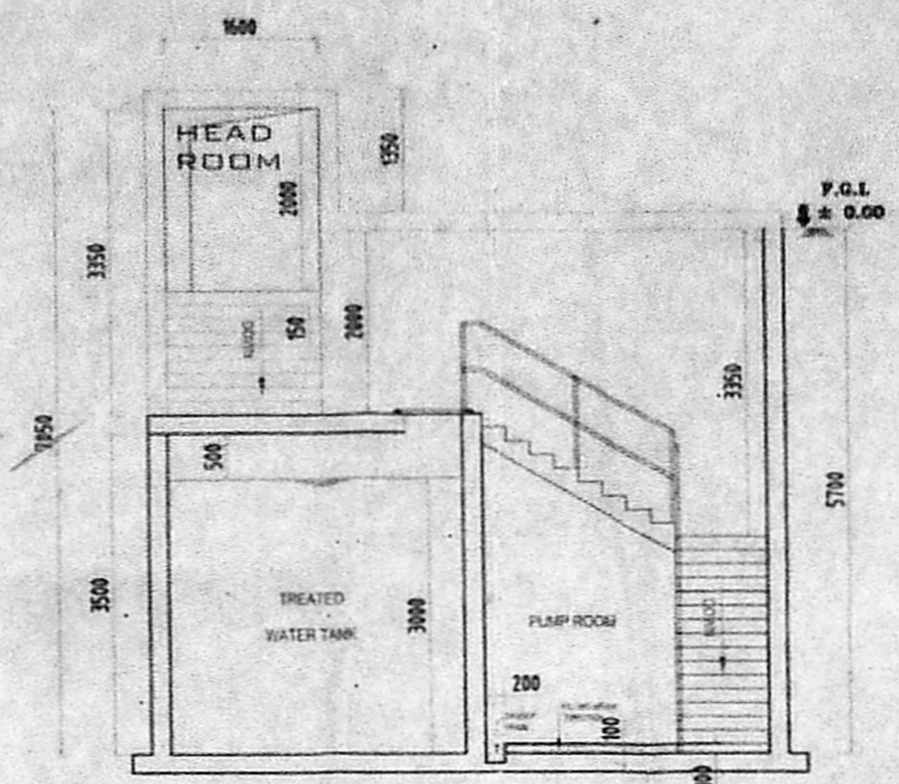
அலுவலகப் படி

Design Data of Proposed STP :

Total No. of Apartment	132 Units
Total No. of Blocks	செ.பெ.வ.கு. (பி) 3 மாடிகள் என பி.பி.22.116
No. of 2 BHK	ந. எண் 68 Units
No. of Persons/Apartment IN 2BHK	உதவியாளர் 4
No. of Persons IN 2BHK	கூடுதலாய்வு : 68 x 4 = 272
Total No. of Persons IN 2BHK	தி.உ. 272
No. of 3 BHK	உ.தி.அ. 64 Units
No. of Persons/Apartment IN 3BHK	5
No. of Persons IN 3BHK	64 x 5 = 320
Total No. of Persons in 3BHK	320
Total No. of Persons in 2BHK & 3BHK	272 + 320 = 592
Influent requirement per person/day	150 lpd
Influent Requirements	150 x 592 = 88,800 lpd ie. 90KLD
Proposed STP CAPACITY	90KLD



PLAN WITH CIVIL DETAILS



SECTION B-B

DISPOSAL/REUSE OF TREATED EFFLUENT:

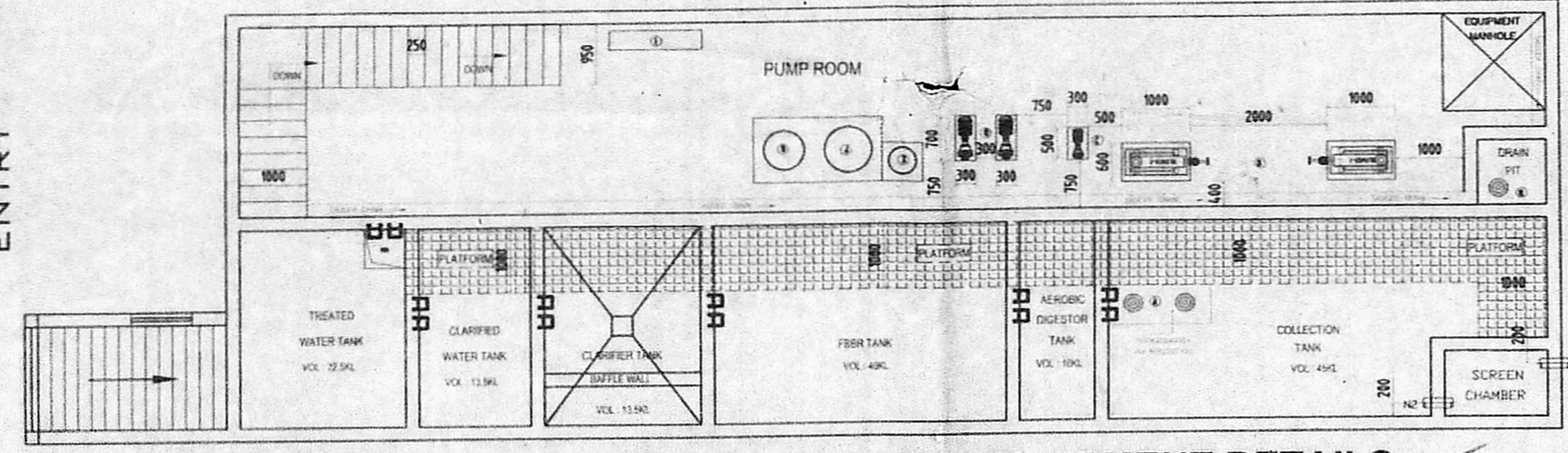
Total Quantity of treated effluent	90000 L/D
I) TOILET FLUSHING	
a) Flats - occupants (592 @ 45 lpcd) -	26820 L/D
b) Commercial - Staffs (60 @ 30 lpcd) -	1800 L/D
II) GARDENING	
Garden area - (1822 sq.m x 15 L / sq.m / twice a day) -	54686 L/D
Total Quantity of treated effluent proposed for reuse	83303 L/D

EQUIPMENT DETAILS

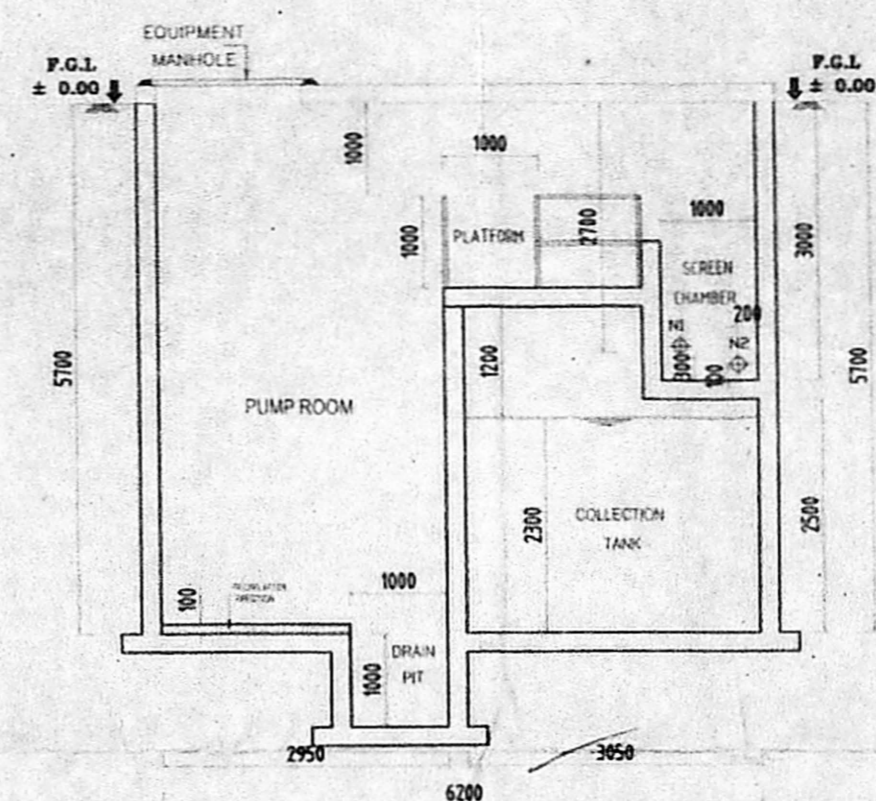
S.N.	DESCRIPTION
A	RAW WATER PUMPS
B	AIR BLOWERS
C	SLUDGE PUMP
D	FILTER FEED PUMPS
E	HYPHO DOSING SYSTEM
F	PRESSURE SAND FILTER
G	ACTIVATED CARBON FILTER
H	DRAIN PUMP
I	ELECTRICAL PANEL
J	PRESSURE SAND FILTER i.Free Board, ii.Filtering Media, iii.Pebble
K	ACTIVATED CARBON FILTER i.Free Board, ii.Filtering Media, iii.Pebble

INFLUENT AND EFFLUENT CHARACTERISTICS:

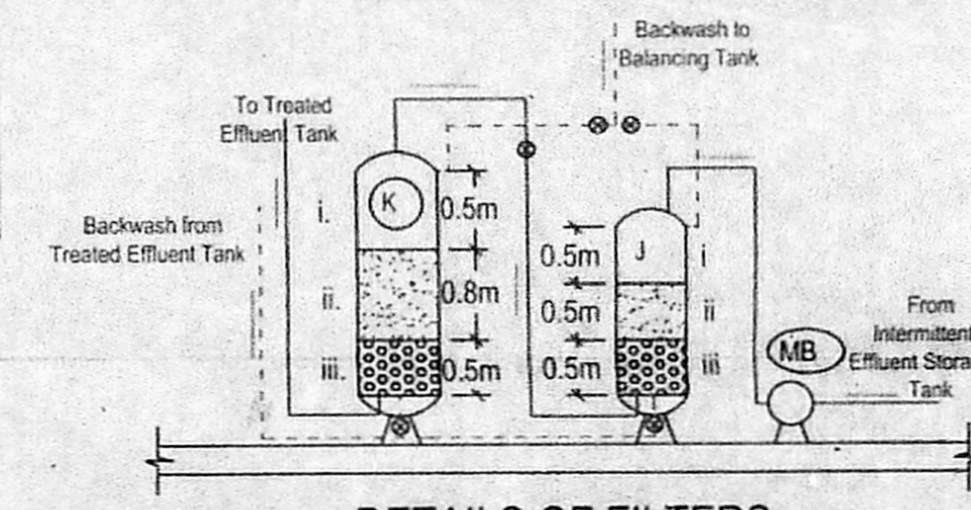
PARAMETER	INFLUENT	EFFLUENT
pH	6.5-7.5	6.5-7.5
COD	900 mg/l	<150 mg/l
BOD	300 mg/l	< 30 mg/l



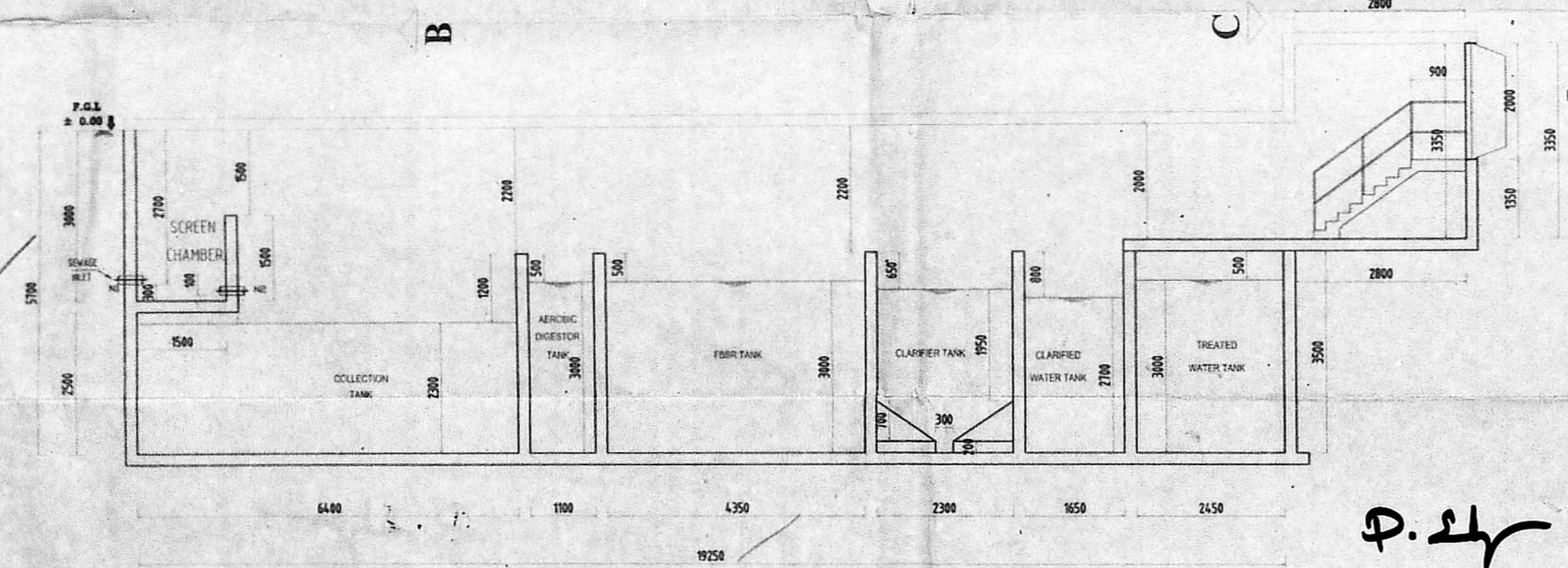
PLAN WITH PLATFORM & EQUIPMENT DETAILS



SECTION C-C



DETAILS OF FILTERS



SECTION A-A

PROPOSED STP LOCATION AND ACCESS TO STP:
The treatment units are proposed to be constructed below GL with access through head room proposed at ground level. The Panel Board and Air Blowers are proposed to be placed in the Head room.

P. ELANCHEZHIAN, B.Arch., M.T.P.
Reg. Architect No: CA/2003/30729
L.S. No. R.A. 562/2010-2024
Corporation of Chennai
14/S2 Thirumurthy Ngr, Madanandapuram
Chennai - 600 125 M: +91 98410 96096

PROPOSED SEWAGE TREATMENT PLANT OF 90 KLD CAPACITY FOR THE PROPOSED RESIDENTIAL BUILDING AT SURVEY NOS: 65/1, 65/2A2, 65/2A3, 65/2B1, 65/2B2, 65/2C, 65/2D, 66/1A, 66/2 OF KOLAPAKKAM VILLAGE, ABUTTING KOLAPAKKAM - PEERKANKARANAI ROAD, KATTANKULATHUR PANCHAYAT UNION, CHENGALPET TALUK, KANCHEEPURAM DISTRICT.

NAME OF APPLICANT:
S. C. Jayadev
M/s. EMERALD HAVEN DEVELOPMENT LTD

SIGNATURE OF APPLICANT: