

CONSTRUCTION OF EWS-II RESIDENTIAL FLATS INCLUDING ALL INTERNAL INFRASTRUCTURE SERVICES & SITE DEVELOPMENT WORK AT - BILL, T.P.-01(BILL), F.P. NO. 67 FOR VUDA.



PERCOLATING WELL CALCULATION				
DESCRIPTION	REQUIRED (NO.)	PROVIDED (NO.)		
PERCOLATING WELL	PLOT / 4000.00	14695.00 / 4000.00	3.6738	4

TREE PLANTATION CALCULATION				
DESCRIPTION	REQUIRED (NO.)	PROVIDED (NO.)		
PERCOLATING WELL	PLOT / 200.00 X 5	(14695.00 / 200.00) X 5 = 73.48 X 5	367.3750	369.00

SOLID WASTE BIN CALCULATION FOR RESIDENTIAL				
DESCRIPTION	REQUIRED (NO.)	PROVIDED (NO.)		
UNIT'S	(NO OF UNIT X 10) = LITER'S	756 X 10 = 7560.00	367.3750	369.00
	LITER'S / 80 = NO.	7560.00 / 80 = 94.50	95.00	96.00

C.P. AREA CALCULATION									
REQUIRED C.P. AREA	=	10%	X	14695.00			=	1469.50	SQMT.

C.P. AREA-1									
PROPOSED C.P. AREA	1	18.57	X	45.63	X	1.00	=	847.17	SQMT.
TOTAL									847.17 SQMT.

C.P. AREA-2									
PROPOSED C.P. AREA	2	46.28	X	13.11	X	0.50	=	303.37	SQMT.
	3	46.28	X	15.23	X	0.50	=	352.42	SQMT.
TOTAL									655.79 SQMT.

TOTAL C.P. AREA = C.P. - 1 + C.P. - 2	=	847.17	+	655.79					
TOTAL	=	1502.95							
REQUIRED C.P. AREA	=	1469.50							
PROPOSED C.P. AREA	=	1502.95							
1502.95 SQMT. > 1469.50 SQMT. SOOK									

FLAT'S NOS. TABLE												
FL.	USE	A-TYPE	B-TYPE	C-TYPE	D-TYPE	E-TYPE	F-TYPE	G-TYPE	H-TYPE	I-TYPE	J-TYPE	TOTAL
GR FL.	RESL.	-	-	-	-	-	-	-	-	-	-	-
1ST FL.	RESL.	12	12	12	8	12	8	12	12	8	12	108
2ND FL.	RESL.	12	12	12	8	12	8	12	12	8	12	108
3rd FL.	RESL.	12	12	12	8	12	8	12	12	8	12	108
4th FL.	RESL.	12	12	12	8	12	8	12	12	8	12	108
5th FL.	RESL.	12	12	12	8	12	8	12	12	8	12	108
6th FL.	RESL.	12	12	12	8	12	8	12	12	8	12	108
7th FL.	RESL.	12	12	12	8	12	8	12	12	8	12	108
TOTAL		84 FLAT	84 FLAT	84 FLAT	56 FLAT	84 FLAT	56 FLAT	84 FLAT	84 FLAT	56 FLAT	84 FLAT	756 FLAT

F.S.I. AREA TABLE												
FLOOR		A-TYPE	B-TYPE	C-TYPE	D-TYPE	E-TYPE	F-TYPE	G-TYPE	H-TYPE	I-TYPE	J-TYPE	TOTAL AREA
GR FL.	RESL.	-	-	-	-	-	-	-	-	-	-	-
1ST FL.	RESL.	614.99	614.99	614.99	419.48	614.99	419.48	614.99	614.99	419.48	614.99	5563.37
2ND FL.	RESL.	614.99	614.99	614.99	419.48	614.99	419.48	614.99	614.99	419.48	614.99	5563.37
3rd FL.	RESL.	614.99	614.99	614.99	419.48	614.99	419.48	614.99	614.99	419.48	614.99	5563.37
4th FL.	RESL.	614.99	614.99	614.99	419.48	614.99	419.48	614.99	614.99	419.48	614.99	5563.37
5th FL.	RESL.	614.99	614.99	614.99	419.48	614.99	419.48	614.99	614.99	419.48	614.99	5563.37
6th FL.	RESL.	614.99	614.99	614.99	419.48	614.99	419.48	614.99	614.99	419.48	614.99	5563.37
7th FL.	RESL.	614.99	614.99	614.99	419.48	614.99	419.48	614.99	614.99	419.48	614.99	5563.37
TOTAL		4304.93	4304.93	4304.93	2936.36	4304.93	2936.36	4304.93	4304.93	2936.36	4304.93	38943.59

FLOOR BUILT UP AREA TABLE												
FLOOR		A-TYPE	B-TYPE	C-TYPE	D-TYPE	E-TYPE	F-TYPE	G-TYPE	H-TYPE	I-TYPE	J-TYPE	TOTAL AREA
GR FL.	RESL.	684.27	684.27	684.27	488.76	684.27	488.76	684.27	684.27	488.76	684.27	6256.17
1ST FL.	RESL.	684.27	684.27	684.27	488.76	684.27	488.76	684.27	684.27	488.76	684.27	6256.17
2ND FL.	RESL.	684.27	684.27	684.27	488.76	684.27	488.76	684.27	684.27	488.76	684.27	6256.17
3rd FL.	RESL.	684.27	684.27	684.27	488.76	684.27	488.76	684.27	684.27	488.76	684.27	6256.17
4th FL.	RESL.	684.27	684.27	684.27	488.76	684.27	488.76	684.27	684.27	488.76	684.27	6256.17
5th FL.	RESL.	684.27	684.27	684.27	488.76	684.27	488.76	684.27	684.27	488.76	684.27	6256.17
6th FL.	RESL.	684.27	684.27	684.27	488.76	684.27	488.76	684.27	684.27	488.76	684.27	6256.17
7th FL.	RESL.	684.27	684.27	684.27	488.76	684.27	488.76	684.27	684.27	488.76	684.27	6256.17
STAIR CABIN		85.97	85.97	85.97	85.97	85.97	85.97	85.97	85.97	85.97	85.97	859.70
TOTAL		5560.13	5560.13	5560.13	3996.05	5560.13	3996.05	5560.13	5560.13	3996.05	5560.13	50909.06

CARPET AREA CALCULATION TOWER (A TO J)				
Unit No.	Built up area (sq.mt.)	Carpet area (sq.mt.)	Utility & balcony Carpet area (sq.mt.)	Total Carpet area (sq.mt.)
101	46.75	37.54	1.64	39.18
102	46.28	37.54	1.64	39.18
103	46.79	37.54	1.64	39.18
104	46.79	37.54	1.64	39.18
105	46.28	37.54	1.64	39.18
106	46.75	37.54	1.64	39.18
107	46.75	37.54	1.64	39.18
108	46.28	37.54	1.64	39.18
109	46.79	37.54	1.64	39.18
110	46.79	37.54	1.64	39.18
111	46.28	37.54	1.64	39.18
112	46.75	37.54	1.64	39.18
201	46.75	37.54	1.64	39.18
202	46.28	37.54	1.64	39.18
203	46.79	37.54	1.64	39.18
204	46.79	37.54	1.64	39.18
205	46.28	37.54	1.64	39.18
206	46.75	37.54	1.64	39.18
207	46.75	37.54	1.64	39.18
208	46.28	37.54	1.64	39.18
209	46.79	37.54	1.64	39.18
210	46.79	37.54	1.64	39.18
211	46.28	37.54	1.64	39.18
212	46.75	37.54	1.64	39.18
301	46.75	37.54	1.64	39.18
302	46.28	37.54	1.64	39.18
303	46.79	37.54	1.64	39.18
304	46.79	37.54	1.64	39.18
305	46.28	37.54	1.64	39.18
306	46.75	37.54	1.64	39.18
307	46.75	37.54	1.64	39.18
308	46.28	37.54	1.64	39.18
309	46.79	37.54	1.64	39.18
310	46.79	37.54	1.64	39.18
311	46.28	37.54	1.64	39.18
312	46.75	37.54	1.64	39.18
401	46.75	37.54	1.64	39.18
402	46.28	37.54	1.64	39.18
403	46.79	37.54	1.64	39.18
404	46.79	37.54	1.64	39.18
405	46.28	37.54	1.64	39.18
406	46.75	37.54	1.64	39.18
407	46.75	37.54	1.64	39.18
408	46.28	37.54	1.64	39.18
409	46.79	37.54	1.64	39.18
410	46.79	37.54	1.64	39.18
411	46.28	37.54	1.64	39.18
412	46.75	37.54	1.64	39.18
501	46.75	37.54	1.64	39.18
502	46.28	37.54	1.64	39.18
503	46.79	37.54	1.64	39.18
504	46.79	37.54	1.64	39.18
505	46.28	37.54	1.64	39.18
506	46.75	37.54	1.64	39.18
507	46.75	37.54	1.64	39.18
508	46.28	37.54	1.64	39.18
509	46.79	37.54	1.64	39.18
510	46.79	37.54	1.64	39.18
511	46.28	37.54	1.64	39.18
512	46.75	37.54	1.64	39.18
601	46.75	37.54	1.64	39.18
602	46.28	37.54	1.64	39.18
603	46.79	37.54	1.64	39.18
604	46.79	37.54	1.64	39.18
605	46.28	37.54	1.64	39.18
606	46.75	37.54	1.64	39.18
607	46.75	37.54	1.64	39.18
608	46.28	37.54	1.64	39.18
609	46.79	37.54	1.64	39.18
610	46.79	37.54	1.64	39.18
611	46.28	37.54	1.64	39.18
612	46.75	37.54	1.64	39.18
701	46.75	37.54	1.64	39.18
702	46.28	37.54	1.64	39.18
703	46.79	37.54	1.64	39.18
704	46.79	37.54	1.64	39.18
705	46.28	37.54	1.64	39.18
706	46.75	37.54	1.64	39.18
707	46.75	37.54	1.64	39.18
708	46.28	37.54	1.64	39.18
709	46.79	37.54	1.64	39.18
710	46.79	37.54	1.64	39.18
711	46.28	37.54	1.64	39.18
712	46.75	37.54	1.64	39.18
TOTAL	3914.96	3153.36	137.76	3291.12

SHEET NO:- 01 / 04
LAYOUT PLAN

CONSTRUCTION OF EWS-II RESIDENTIAL FLATS INCLUDING ALL INTERNAL INFRASTRUCTURE SERVICES & SITE DEVELOPMENT WORK AT - BILL, T.P.-01(BILL), F.P. NO. 67 FOR VUDA.
SCALE :- 1CM = 4.00 MT.

USE :- RESIDENCE

I. LIST OF DRAWING ATTACHED

Sr. No.	Description	copies
01/04	LAYOUT	1
02/04	PARKING CALCULATION AND SERVICE LAYOUT	1
03/04	CLUSTER LAYOUTS	1
04/04	CLUSTER LAYOUTS	1

V. CERTIFICATE

Existing structure and adjoining property is seen by me and necessary precautions will be taken for smooth working without any defect to existing work. Manhole connection is possible and is verified by me.

II. REFERENCE

Last Approved Plan (If any)
Permission Order No. :
Date of Approval :

III. DESCRIPTION OF PROPERTY & PROPOSED DEVELOPMENT WORK

IV. NORTH LINE SCALE DATE

OWNERSHIP T.P. record/property card or 7, 12 record.

STAMPS AND SIGNATURE OF APPROVAL

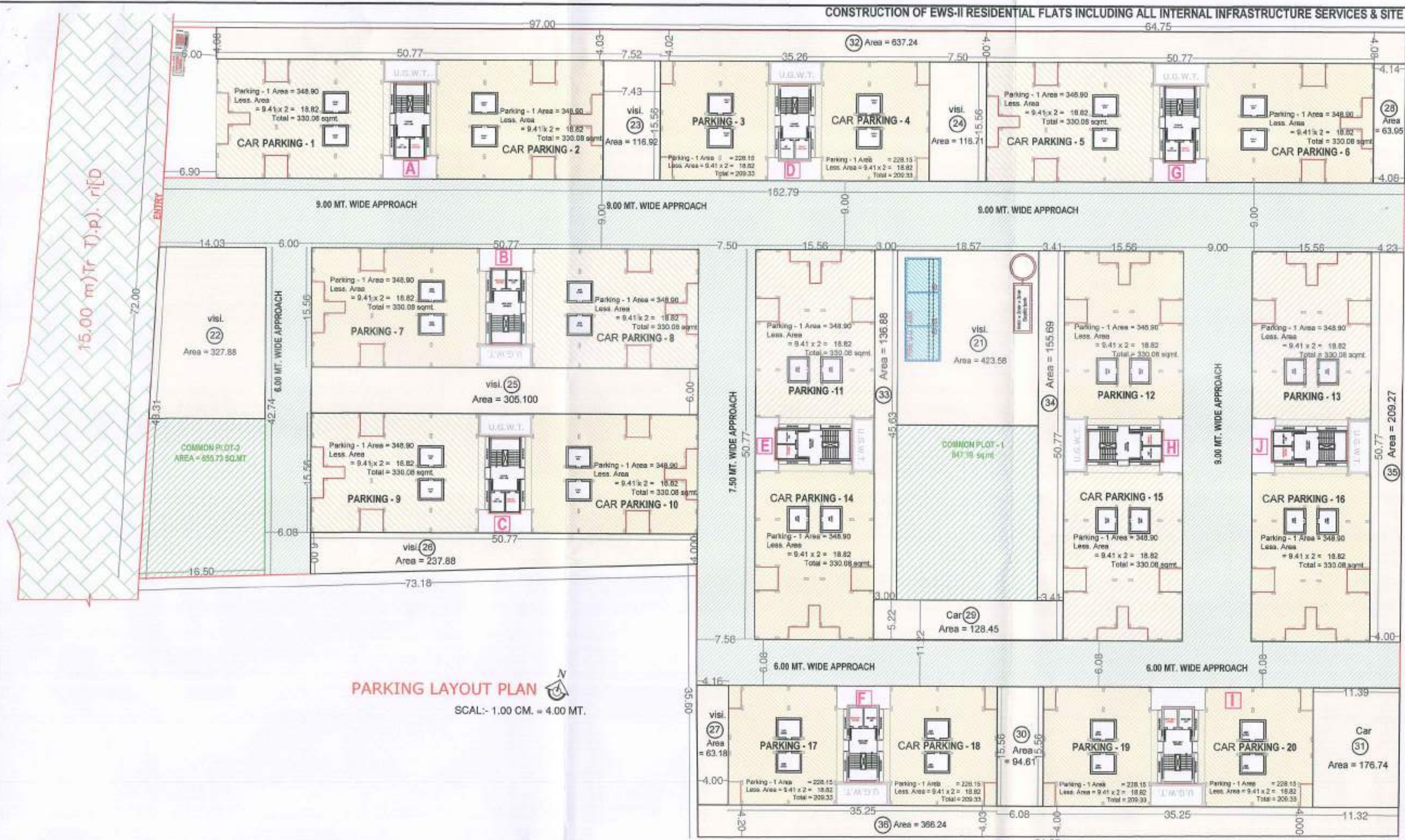
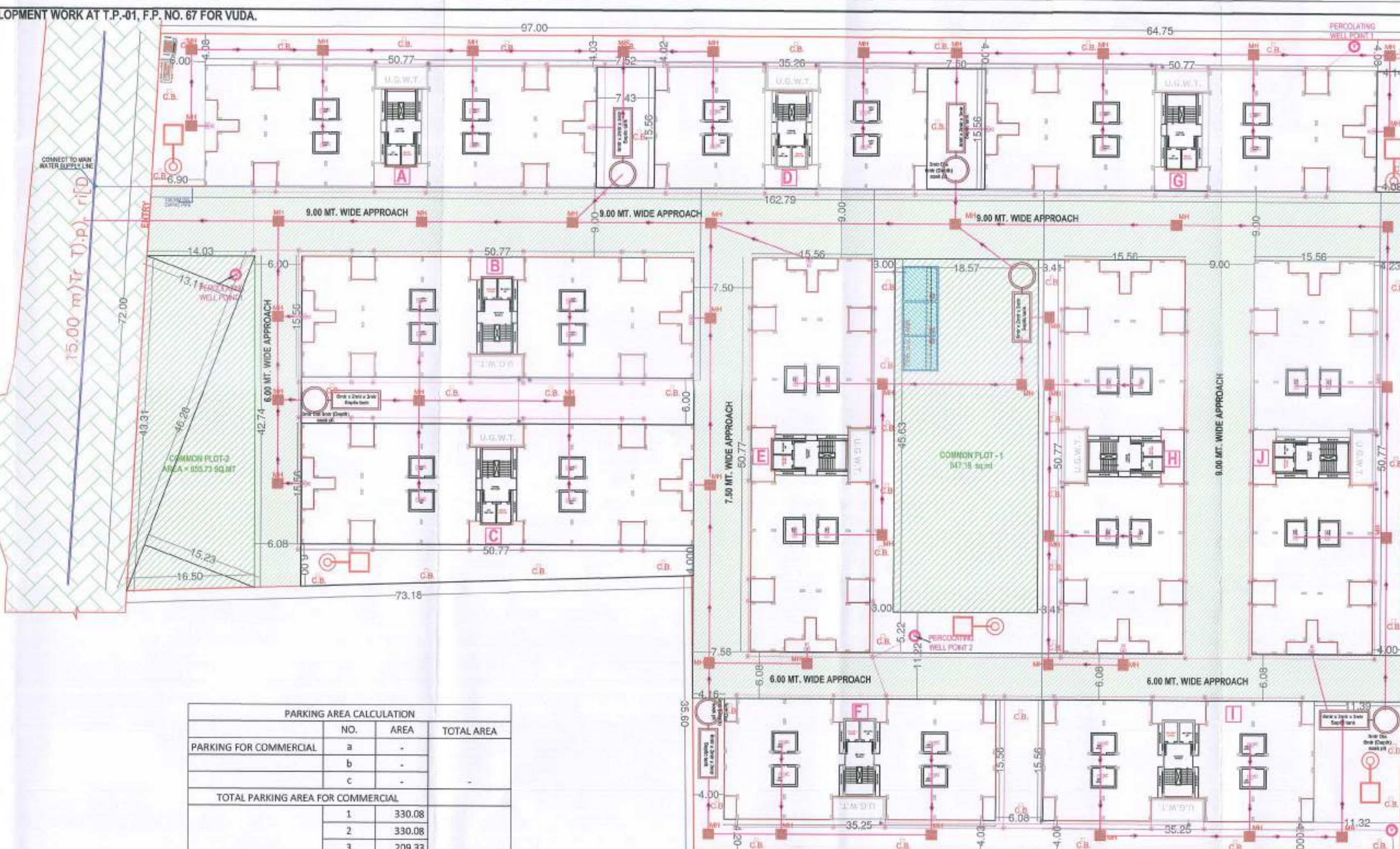
VI. SIGNATARIES

Executive Engineer
Urban Development Authority
Vadodra.

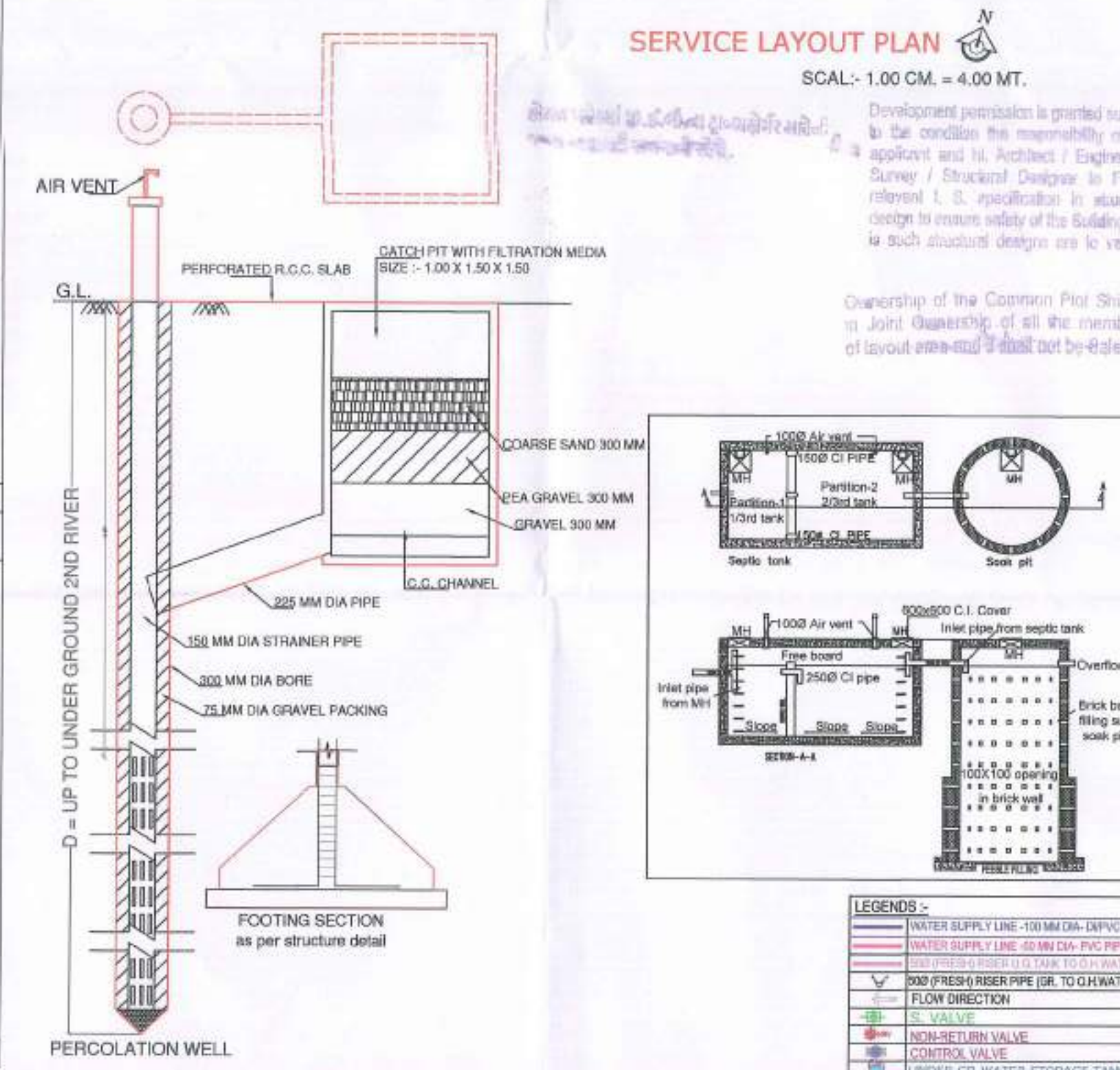
Owner/Builder/Organiser/Developer or Authorised Agent of Owner

FORM NO. 3

A	AREA STATEMENT	SQ.MT
1	Area of as per record	14695.00
	Area as per Site	14695.00
2	Deduction for	
	(a) Proposed Road Cutting	
	(b) Road set back	
3	Net area of building unit for planning	14695.00
	(c) Common plot @ 10%	1469.50
4	Permissible Built up @ 45%	6612.75
5	Total Permissible F.S.I. 2.7 (of 14695.00 Sqmt.)	39676.50
6	Existing Built up Area	0.000
	Ground Floor	
	First Floor	
	TOTAL EXISTING BUILT UP AREA	0.000
7	Proposed Built up Area	
	(i) Ground Floor	6256.17
8	GRAND TOTAL OF BUILT UP AREA ON G.F.	
9	Proposed Floor Space Area	sq. mtrs.
	BUILT UP	F.S.I AREA
	Ground Floor	6256.17
	First Floor	6256.17
	Second Floor to seven Floor	37537.02
	Terrace	859.70

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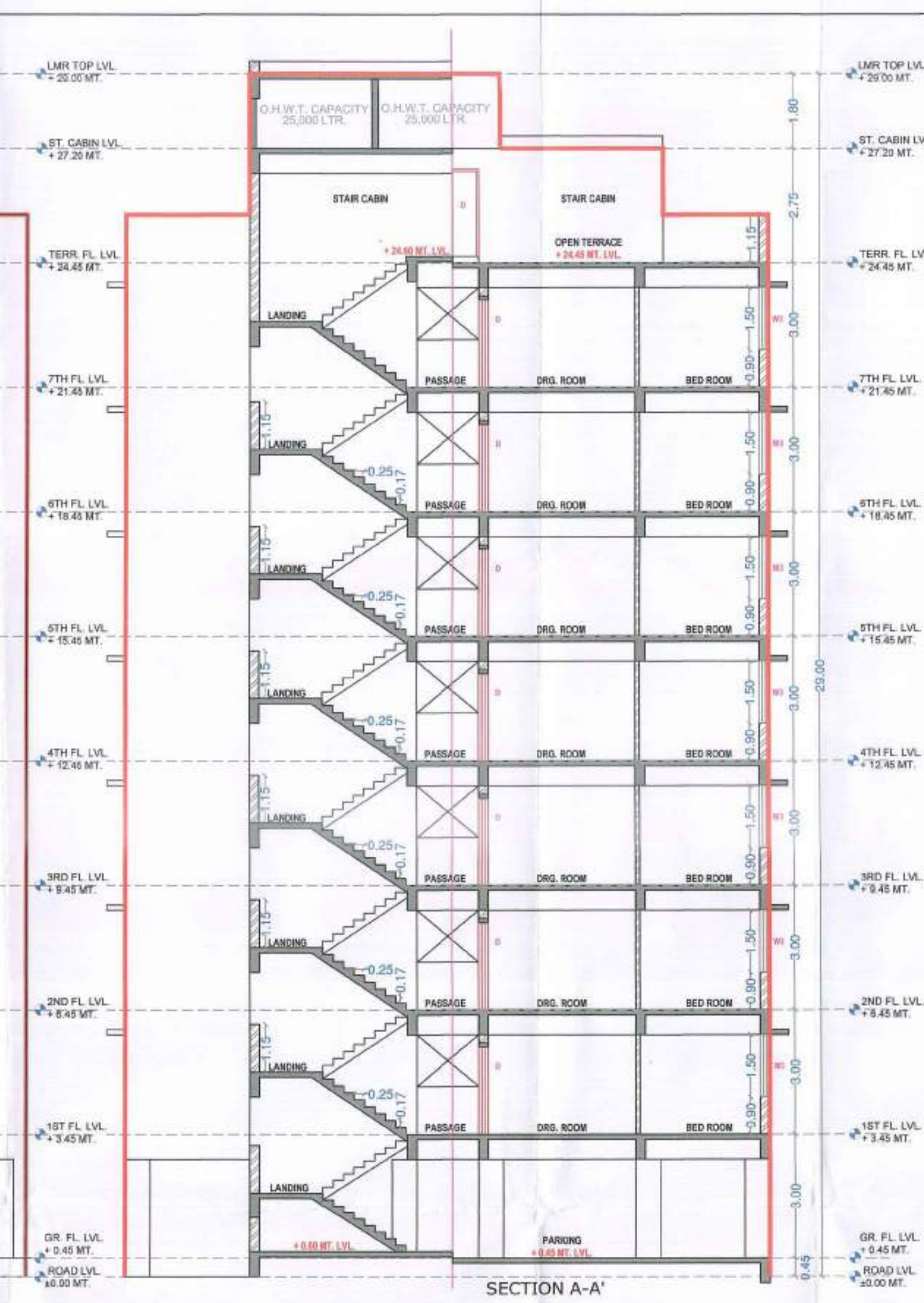
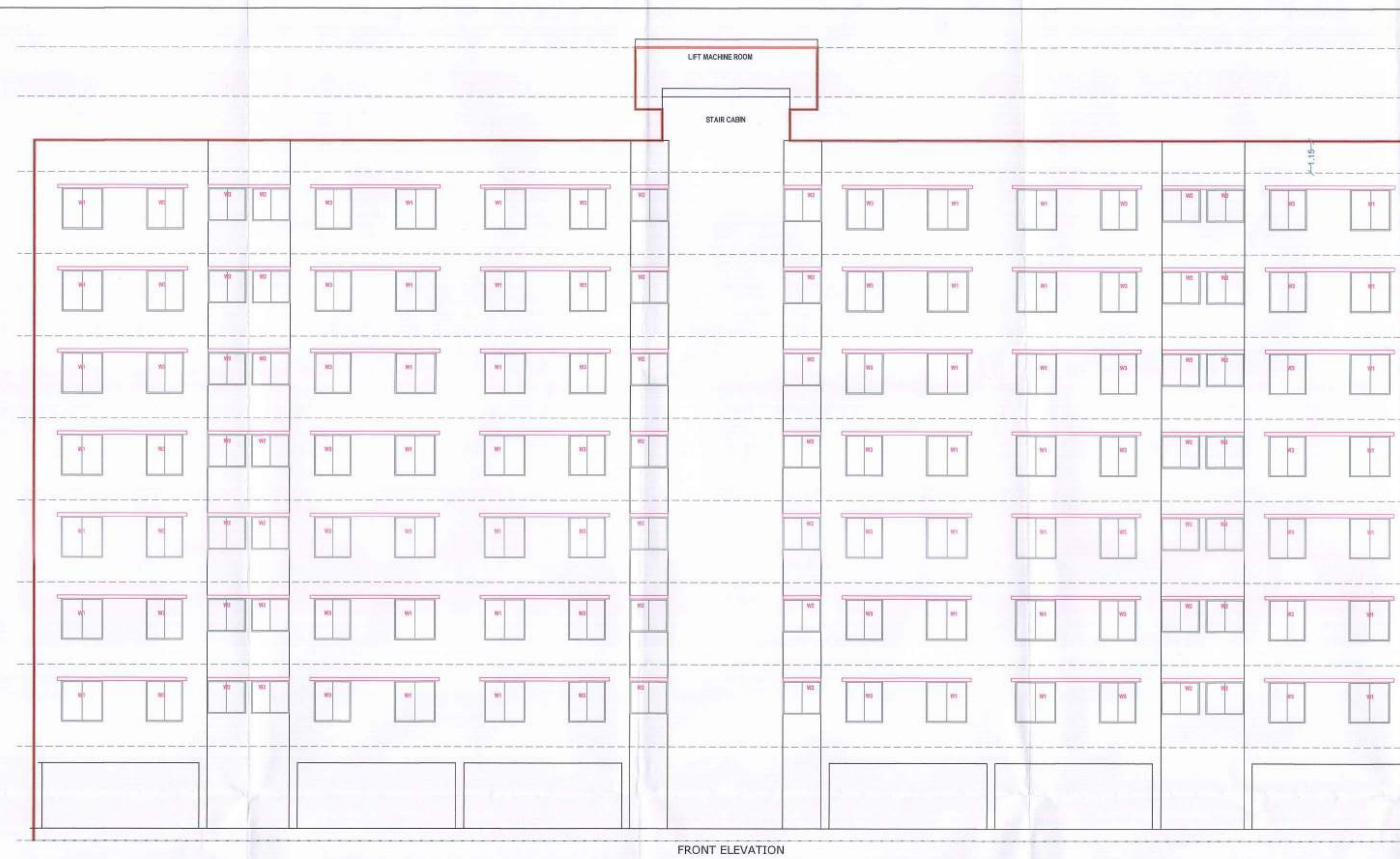
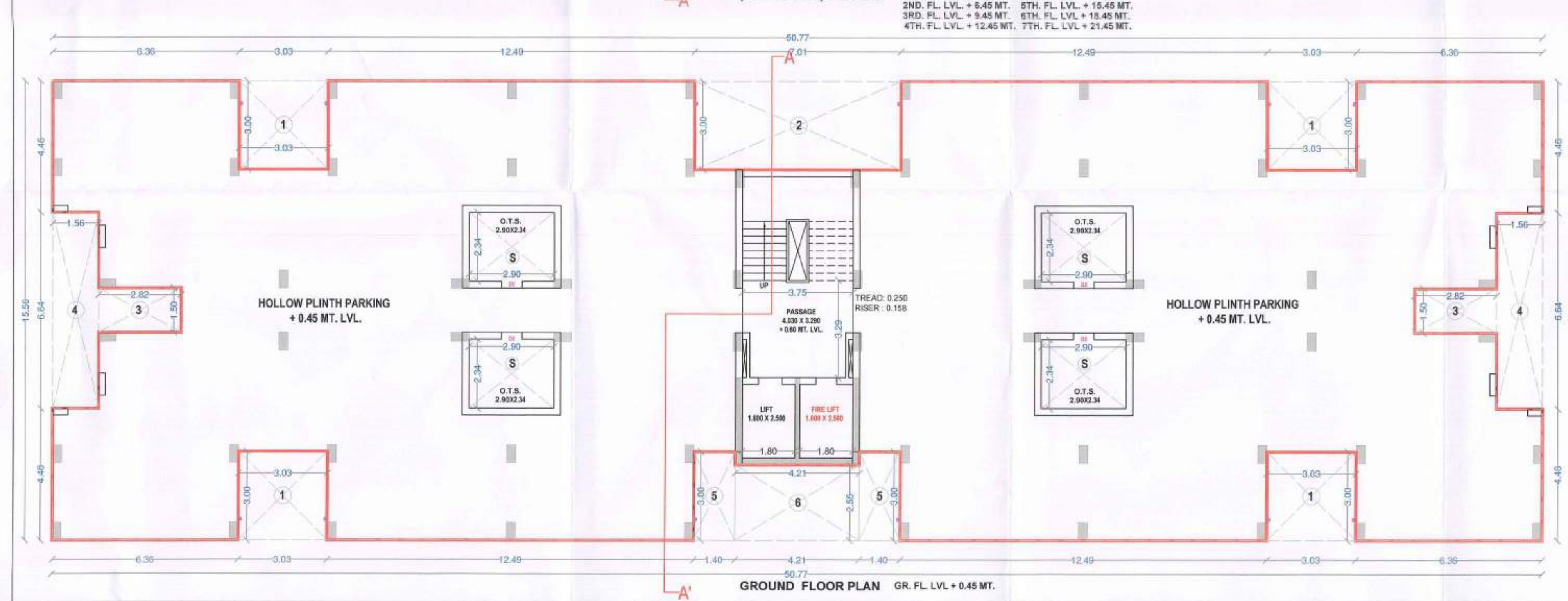
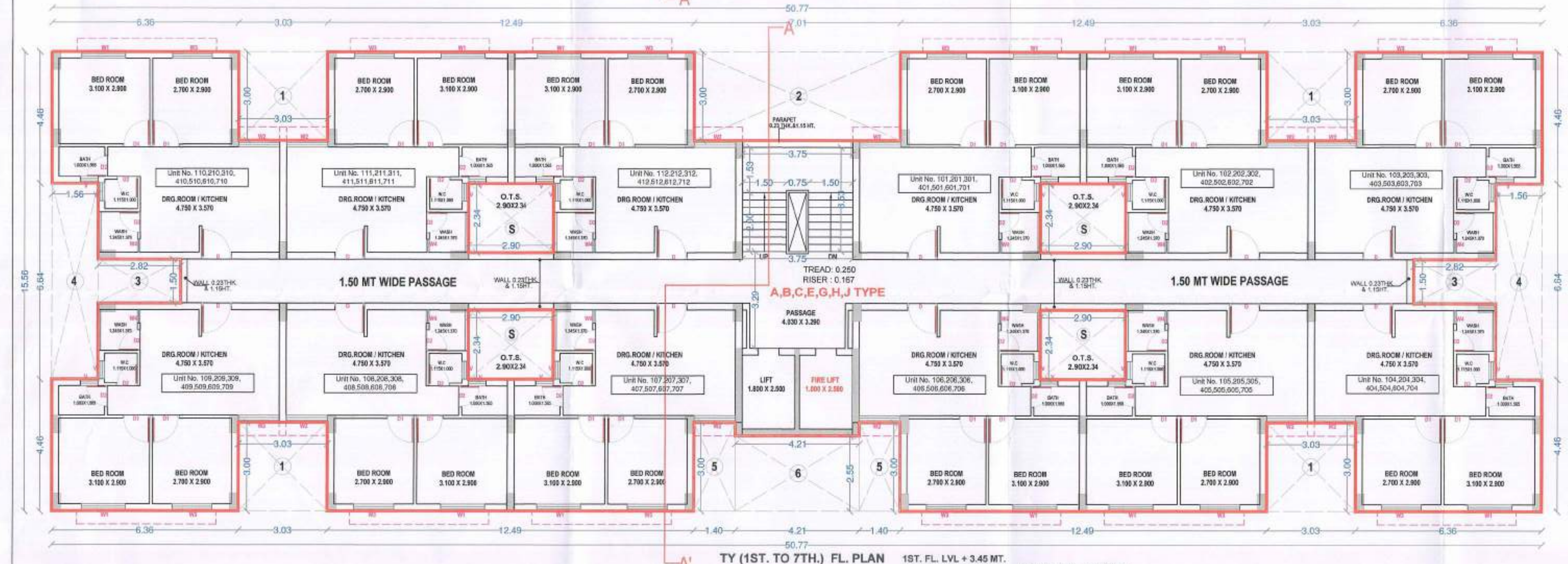
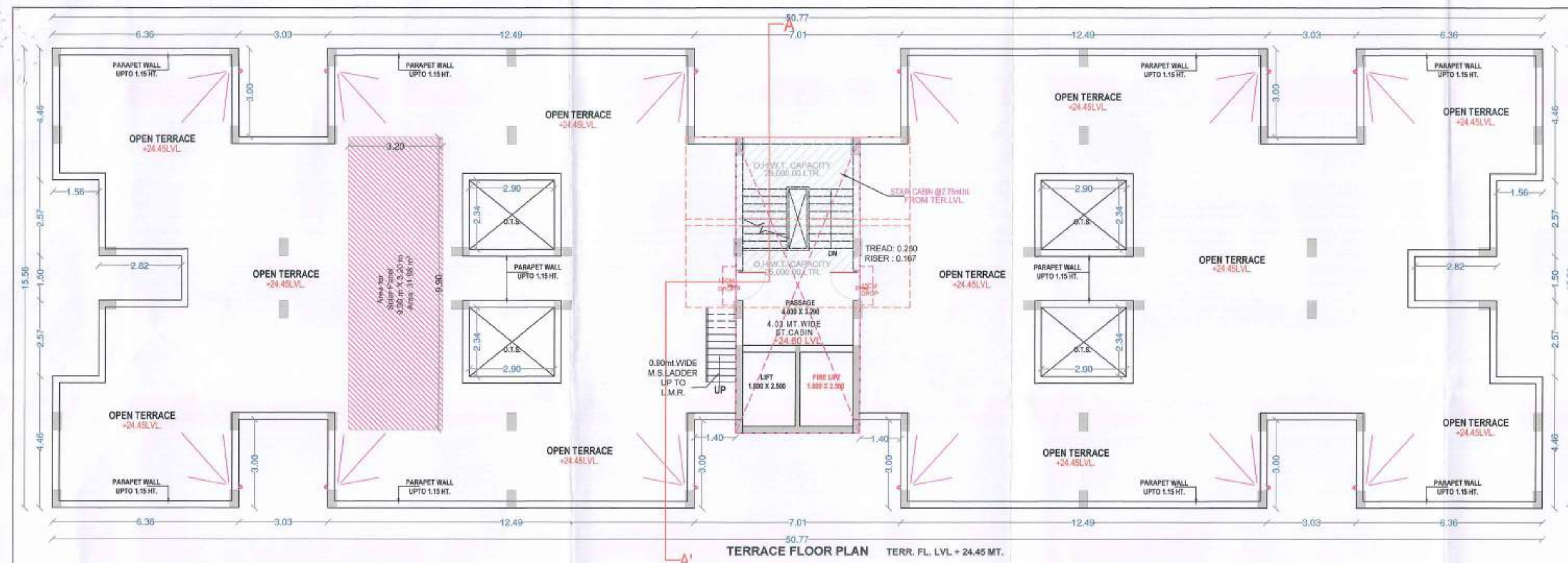
PARKING AREA CALCULATION			
	NO.	AREA	TOTAL AREA
PARKING FOR COMMERCIAL	a	-	
	b	-	
	c	-	
TOTAL PARKING AREA FOR COMMERCIAL			
PARKING FOR RESIDENTIAL (STILT)	1	330.08	5877.10
	2	330.08	
	3	209.33	
	4	209.33	
	5	330.08	
	6	330.08	
	7	330.08	
	8	330.08	
	9	330.08	
	10	330.08	
	11	330.08	
	12	330.08	
	13	330.08	
	14	330.08	
	15	330.08	
	16	330.08	
	17	209.33	
	18	209.33	
	19	209.33	
	20	209.33	
Total		5877.10	
TOTAL PARKING AREA FOR RESIDENTIAL			
C.P. Area 50% Visitor Parking	751.475		
C.P. -1	21	423.58	
C.P. -2	22	327.88	
PARKING FOR RESIDENTIAL (SURFACE)	23	116.92	3560.30
	24	116.71	
	25	305.10	
	26	237.88	
	27	63.18	
	28	63.95	
	29	128.45	
	30	94.61	
	31	176.74	
	32	637.24	
	33	136.88	
	34	155.69	
	35	209.27	
	36	366.22	
	Total		
Total	5877.10	3560.30	9437.40



Unless renewed the Validity of this permission Expires on 26/7/2024

LEGEND :	
	STROM WATER DRAIN JUNCTION CHAMBER
	PERCOLATION WELL
LEGEND SHEET	
	MANHOLE
	INSPECTION CHAMBER
	SOIL PIPE
	SEPTIC TANK & SOAK PIT
LEGEND:	
01	250mm RCC PIPE FOR DRAINAGE LINE
02	200mm RCC PIPE FOR DRAINAGE LINE
03	150mm RCC PIPE FOR DRAINAGE LINE
04	150mm PVC PIPE FOR DRAINAGE LINE
05	→ FLOW DIRECTION
06	DRAINAGE PIPE DOWN TAKE
07	WASTE WATER PIPE DOWNTAKE
08	RAIN WATER PIPE DOWNTAKE
09	DOMESTIC WATER PIPE RISER
10	GULLY TRAP AS PER APPROVED DESIGN
11	INSPECTION CHAMBER
12	M/A MANHOLE - A TYPE
13	M/B MANHOLE - B TYPE

02/04



SR.NO.	DESCRIPTION
01/04	LAYOUT
02/04	PARKING CALCULATION AND SERVICE LAYOUT
03/04	CLUSTER LAYOUTS
04/04	CLUSTER LAYOUTS

Solar Power Calculation for 12 Unit Cluster		
Estimated Connected Load	4.00	K.W.
Provided 7.00 SQMT. Area on Terrace/ 1.0 K.W.	28.00	m ²

A,B,C,E,G,H,J TYPE BUILT UP AREA CALCULATION									
GR. & TY. (1ST. TO 7TH.) FL. BUILT UP AREA									
BLOCK SIZE	50.77	X	15.56	X	1	=	789.98		
LESS									
1	3.03	X	3.00	X	4	=	36.36		
2	7.01	X	3.00	X	1	=	21.03		
3	2.82	X	1.50	X	2	=	8.46		
4	1.56	X	6.64	X	2	=	20.72		
5	1.40	X	3.00	X	2	=	8.40		
6	4.21	X	2.55	X	1	=	10.74		
TOTAL						=	105.71		
PROP. GR. & TY. FL. BUILT UP AREA	789.98	-	105.71	=			684.27		
TY. FL. (1ST TO 7TH.) F.S.I. AREA CALCULATION									
TY. (1ST. TO 7TH.) FL. BUILT UP AREA						=	684.27		
LESS									
C	4.21	X	10.01	X	1	=	42.14		
S	2.90	X	2.34	X	4	=	27.14		
TOTAL						=	69.28		
PROP. TY. FL. F.S.I. AREA	684.27	-	69.28	=			614.99		
STAIR CABIN									
1	4.21	X	10.01	X	1	=	42.14		
TOTAL						=	42.14		
O.H.W.T.	7.61	X	5.76	X	1	=	43.83		
TOTAL						=	43.83		
TOTAL ST. CABIN AREA	42.14	+	43.83	=			85.97		

VUDA E.W.S. - II PROJECT (A,B,C,E,G,H,J - TYPE)

CONSTRUCTION OF EWS-II RESIDENTIAL FLATS INCLUDING ALL INTERNAL INFRASTRUCTURE SERVICES & SITE DEVELOPMENT WORK AT T.P.-01, F.P. NO. 67 FOR VUDA.

USE - RESI. FOR VUDA

SCALE: 1.00 CM. = 1.00 MT.

3/4

ZONE: - RESI. - VUDA

03 / 04

APPROVED SUBJECT TO CONDITION LAID DOWN IN BUILDING PERMISSION Order No. VUDA / P/ 2020 / 221019 Date 28/07/2021

Unless removed the validity of this permission Expires on Dt. 28/07/2021

SCHEDULE OF OPENING

D	1.00 X 2.10 mt.	W2	1.40 X 1.20 mt.	WIDTH = 1.50
D1	0.90 X 2.10 mt.	W3	1.35 X 1.20 mt.	TREAD = 0.25
D2	0.70 X 2.10 mt.	W4	0.45 X 0.90 mt.	RISER = 0.167
W1	1.50 X 1.20 mt.	V	0.60 X 0.60 mt.	

COLOUR NOTATION

PLOT BOUNDARY	
PROPOSED WORK SHOWN IN	
DRAINAGE LINE SHOWN IN	
RAIN WATER PIPE SHOWN IN	
ROAD SHOWN IN	

Executive Engineer
Urban Development Authority
Vadodra.

OWNER'S SIGNATURE

C.O.W. SIGNATURE

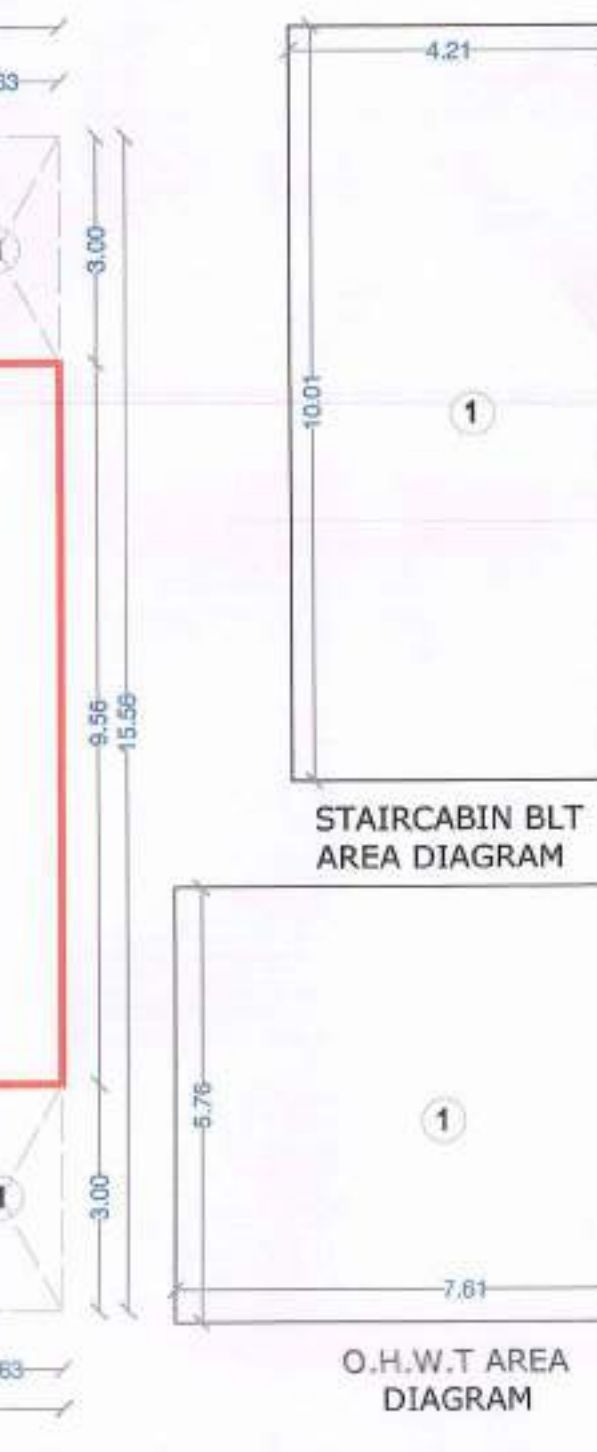
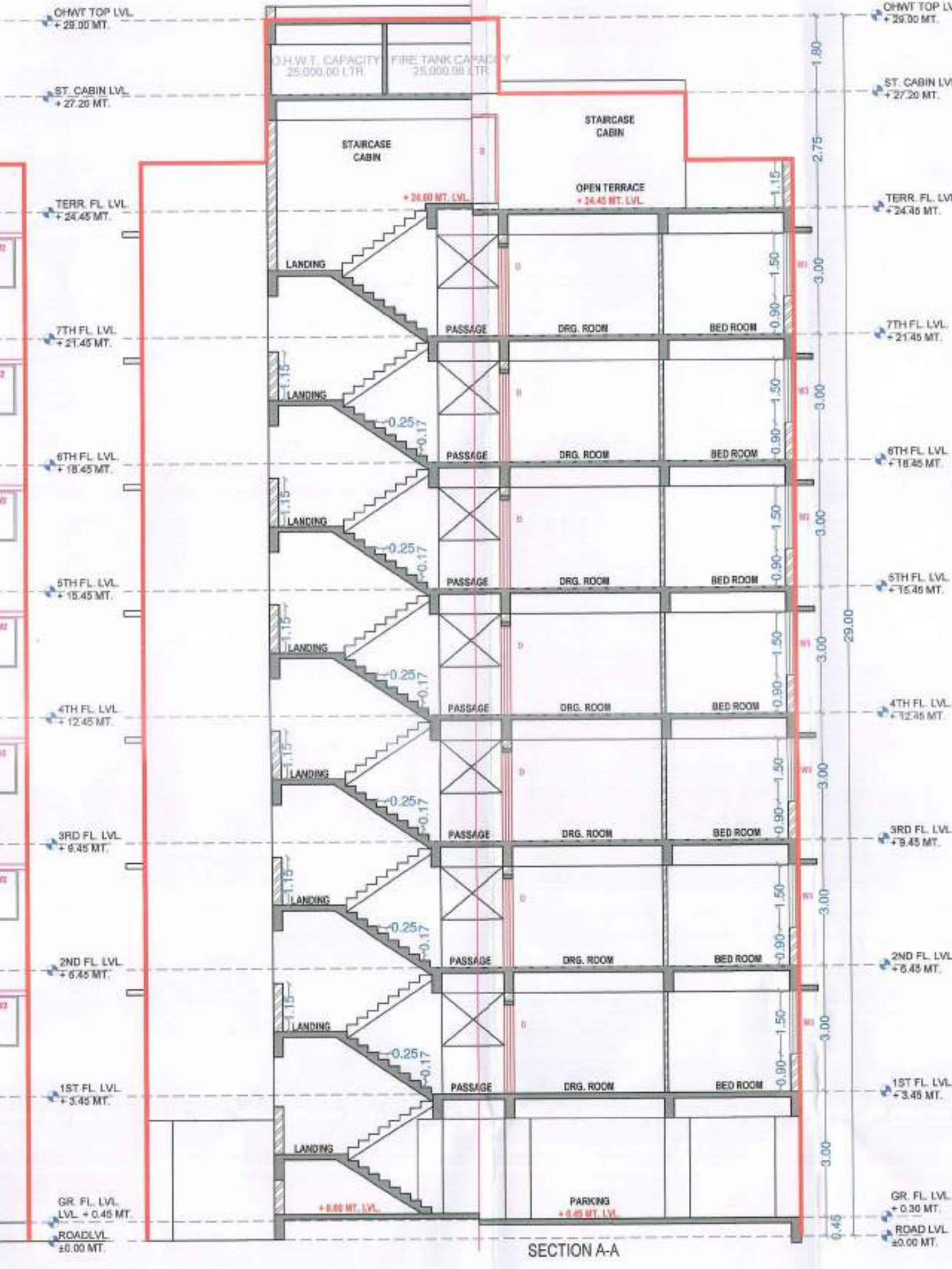
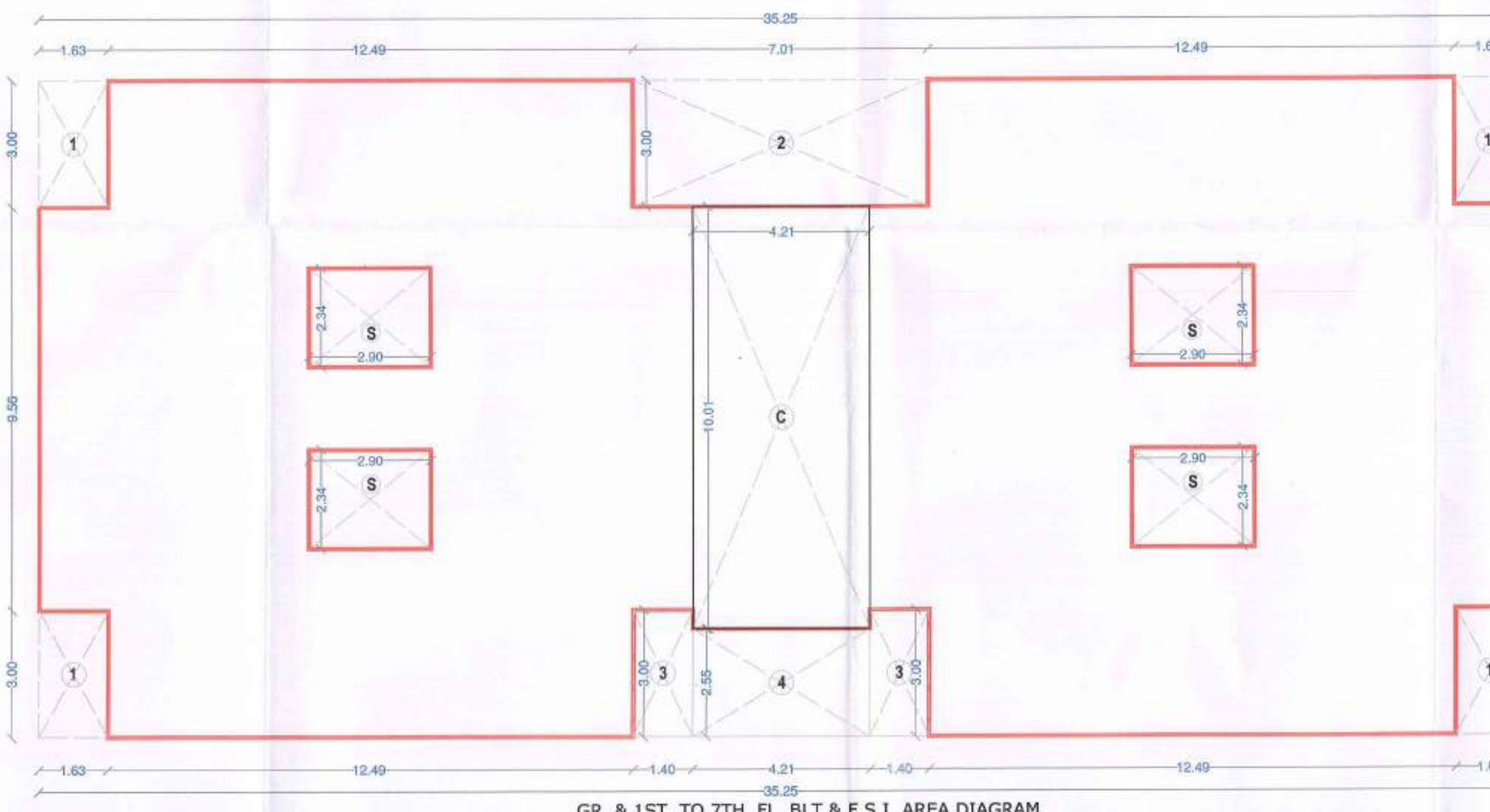
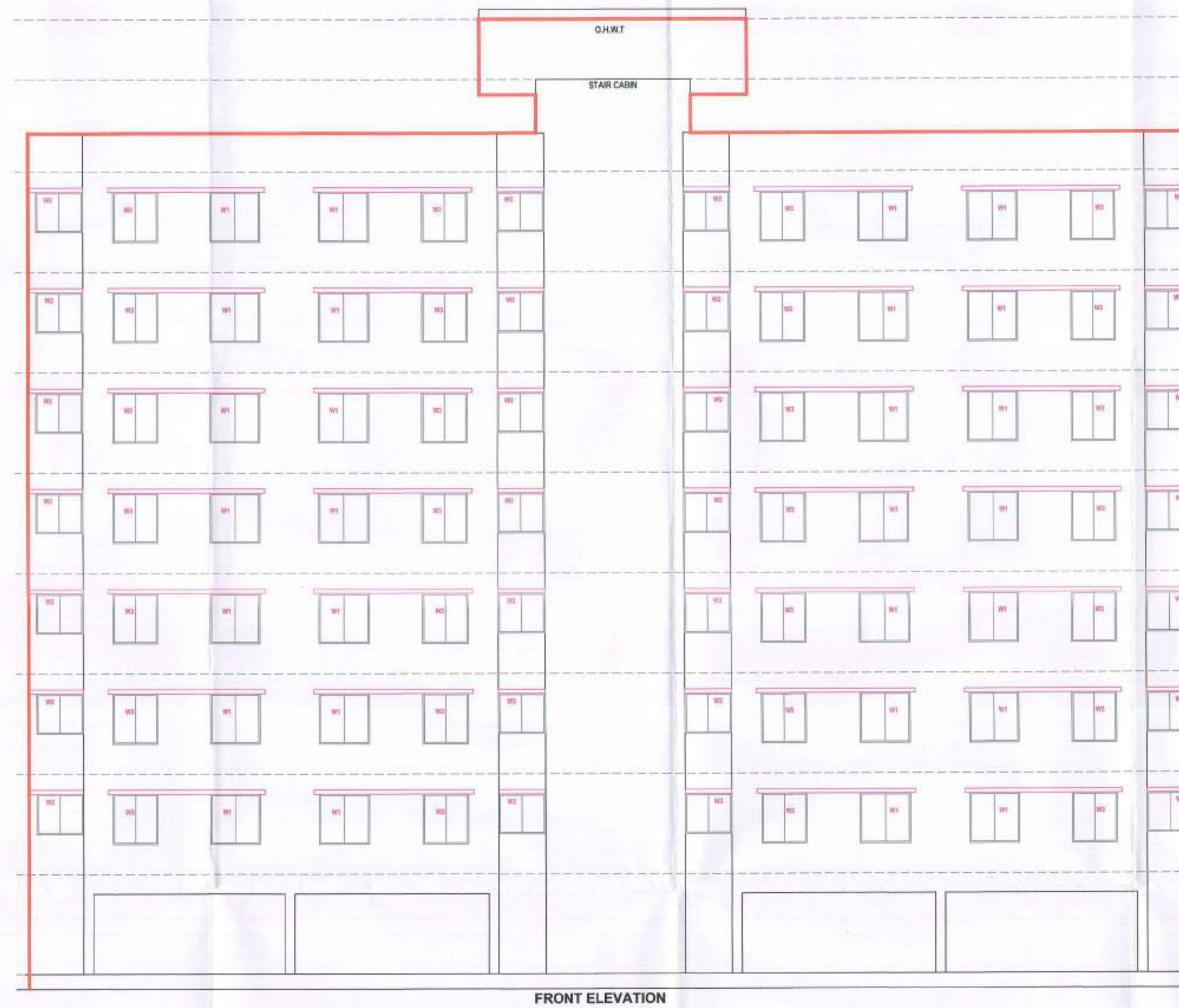
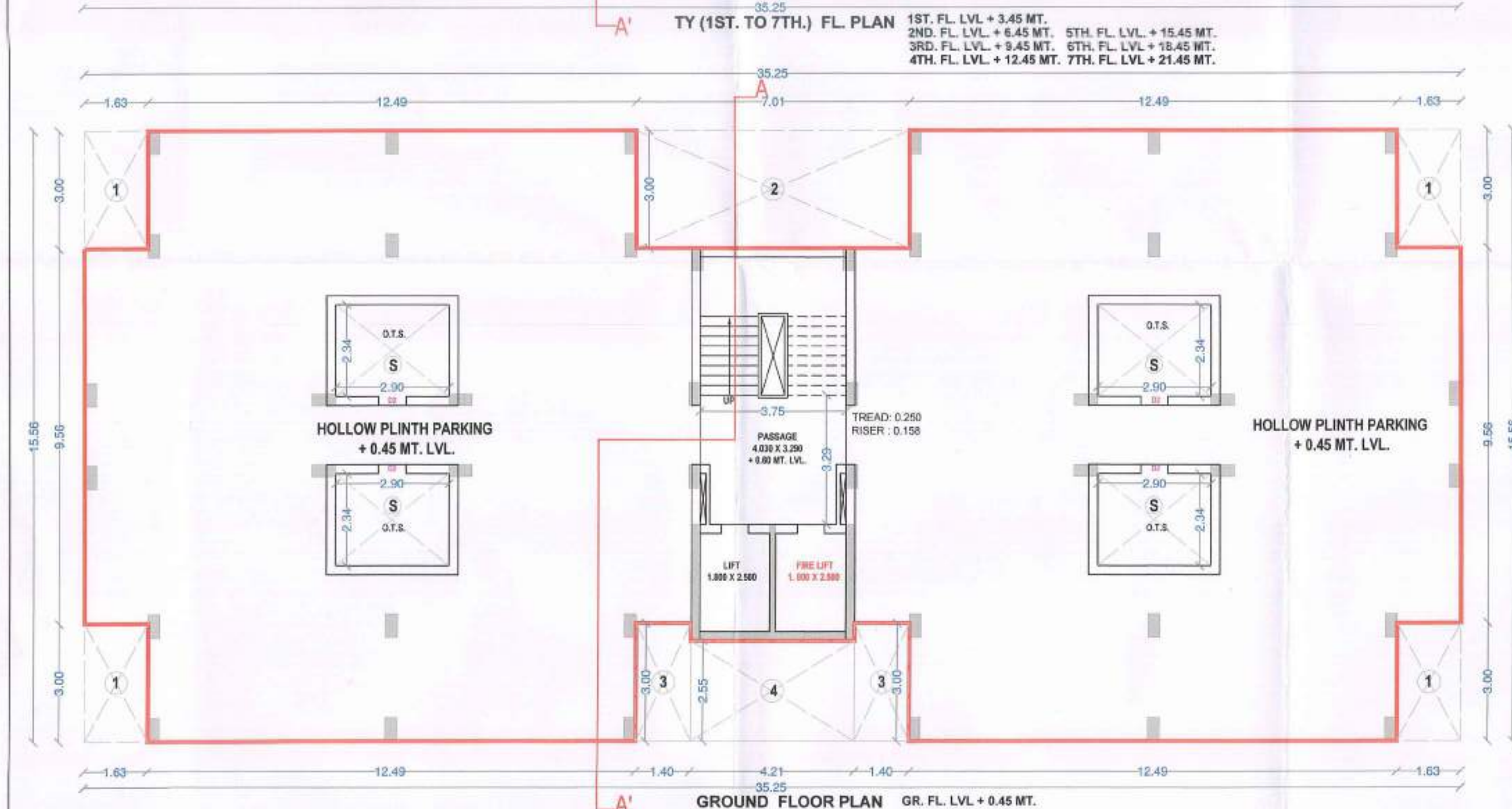
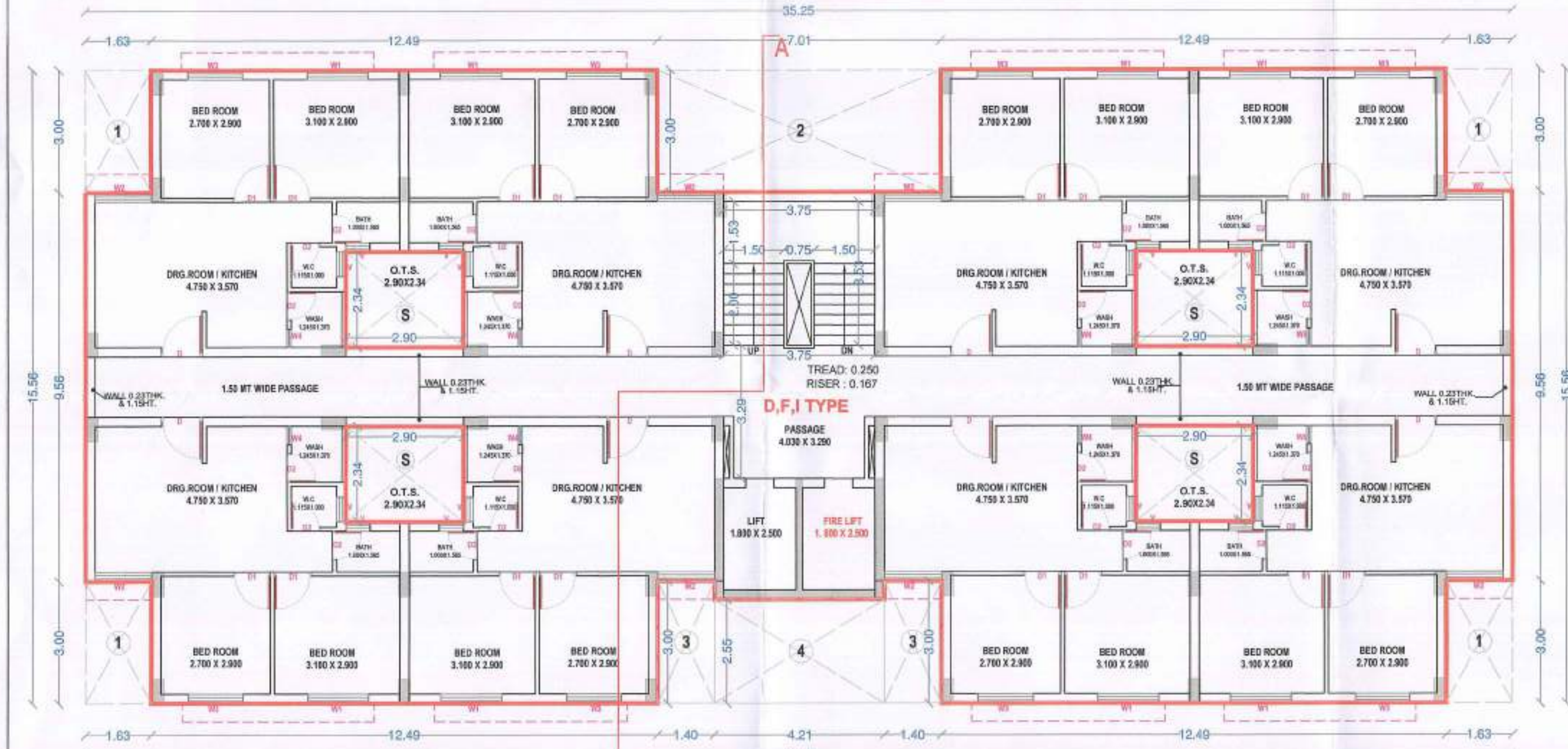
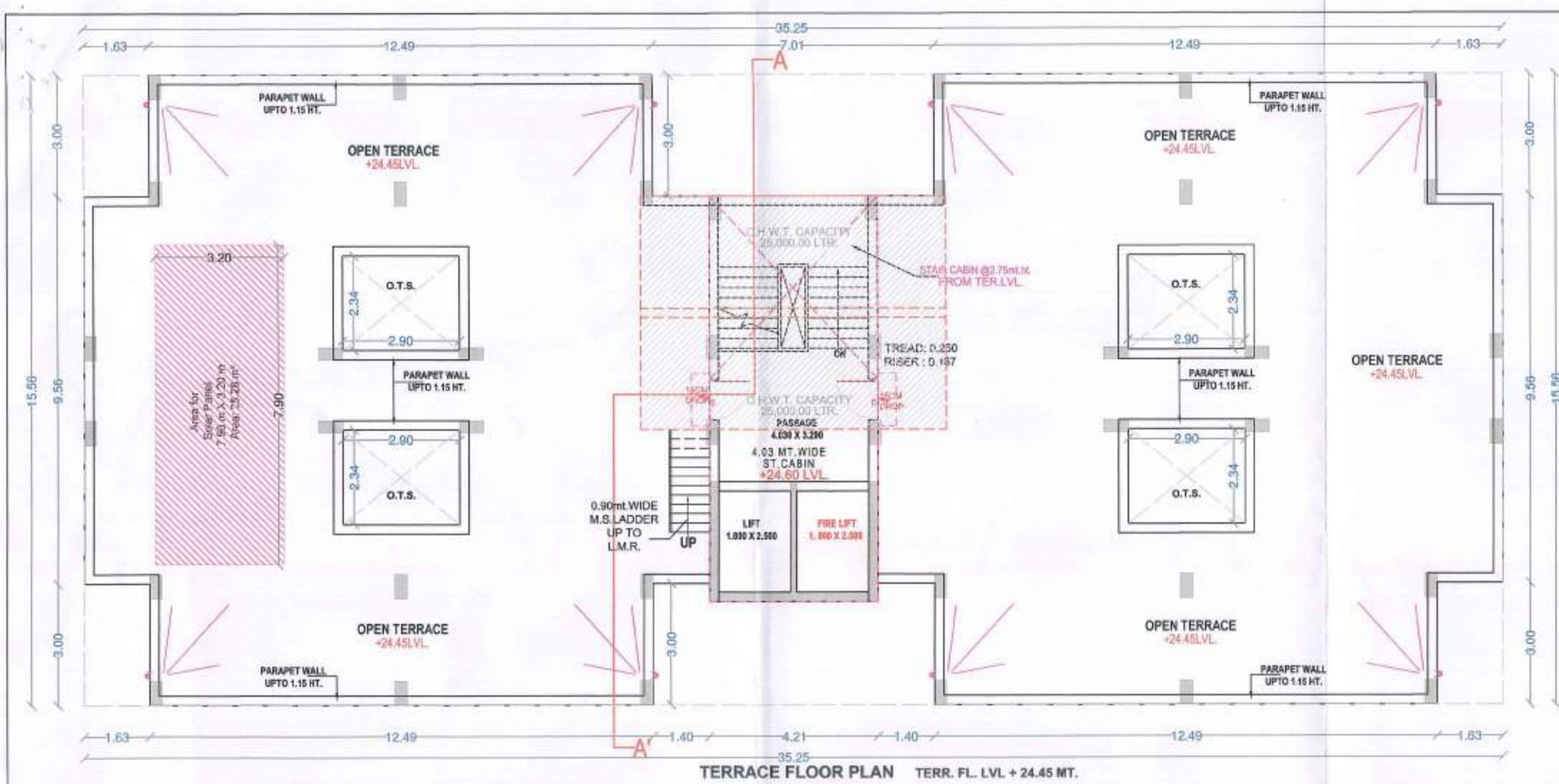
JAYESH A. DALAL
B.tech, P.E., P.S. (Civil)
JALARAM SHAKTI
Newly Started Consultant School
M. T. (Civil) JALARAM SHAKTI
BESIDE CHAWAL GRYA T. P. NO. 67
CONVENT SCHOOL, ATHWALNESS, VADODRA.

ENGINEER SIGNATURE

ST. ENGINEER SIGNATURE

6

AUTHORITY



I. LIST OF DRAWINGS ATTACHED			
SR.NO.	DESCRIPTION		
01/04	LAYOUT		
02/04	PARKING CALCULATION AND SERVICE LAYOUT		
03/04	CLUSTER LAYOUTS		
04/04	CLUSTER LAYOUTS		

Solar Power Calculation for 12 Unit Cluster			
Estimated Connected Load	3.50	K.W.	
Provided 7.00 SQMT. Area on Terrace/ 1.0 K.W.	24.50	m ²	

D.F.I. TYPE BUILT UP AREA CALCULATION			
GR. & TY. (1ST. TO 7TH.) FL. BUILT UP AREA			
BLOCK SIZE	35.25	X	15.56
LESS			
1	1.63	X	3.00
2	7.01	X	3.00
3	1.40	X	3.00
4	4.21	X	2.55
TOTAL			59.73
PROP. GR. & TY. FL. BUILT UP AREA	548.49	-	59.73
TY. FL. (1ST TO 7TH.) F.S.I. AREA CALCULATION			
TY. (1ST TO 7TH.) FL. BUILT UP AREA			488.76
LESS			
C	4.21	X	10.01
S	2.90	X	2.34
TOTAL			69.28
PROP. TY. FL. F.S.I. AREA	488.76	-	69.28
TOTAL ST CABIN AREA	42.14	+	43.83
			85.97

VUDA E.W.S. - II PROJECT (D.F.I. TYPE)
CONSTRUCTION OF EWS-II RESIDENTIAL FLATS INCLUDING ALL INTERNAL INFRASTRUCTURE SERVICES & SITE DEVELOPMENT WORK AT T.P.-01, F.P. NO. 67 FOR VUDA.
 USE - RESL. FOR VUDA
 SCALE - 1:100 CM. = 1.00 MT.
 04 / 04

SHEET NO. 4 / 4
 ZONE - I - RESL - VUDA

APPROVED SUBJECT TO CONDITION LAID DOWN IN BUILDING PERMISISON Order No. VUDA/Plan / 27/2019 Date 27/02/2019

Unless renewed the Validity of this permission Expires on 26/12/2021

SCHEDULE OF OPENING	R.C.C. STAIR DETAIL
D 1.00 X 2.10 mt.	W2 1.40 X 1.20 mt.
D1 0.90 X 2.10 mt.	W3 1.35 X 1.20 mt.
D2 0.70 X 2.10 mt.	W4 0.45 X 0.90 mt.
W1 1.50 X 1.20 mt.	V 0.60 X 0.60 mt.

COLOUR NOTATION

PLOT BOUNDARY	
PROPOSED WORK SHOWN IN	
DRAINAGE LINE SHOWN IN	
RAIN WATER PIPE SHOWN IN	
ROAD SHOWN IN	

Executive Engineer
Urban Development Authority
Vadodara.

OWNER'S SIGNATURE

C.O.W. SIGNATURE

ENGINEER SIGNATURE

ST. ENGINEER SIGNATURE

JAYESH A. DALAL
M. Tech (Structure) - JALAM SHAKTI,
BESIDE DHANALORI CONVENT SCHOOL, ATHWALNES, SURAT.

1. LIST OF DRAWINGS ATTACHED

SR.NO.	DESCRIPTION
01/04	LAYOUT
02/04	PARKING CALCULATION AND SERVICE LAYOUT
03/04	CLUSTER LAYOUTS
04/04	CLUSTER LAYOUTS