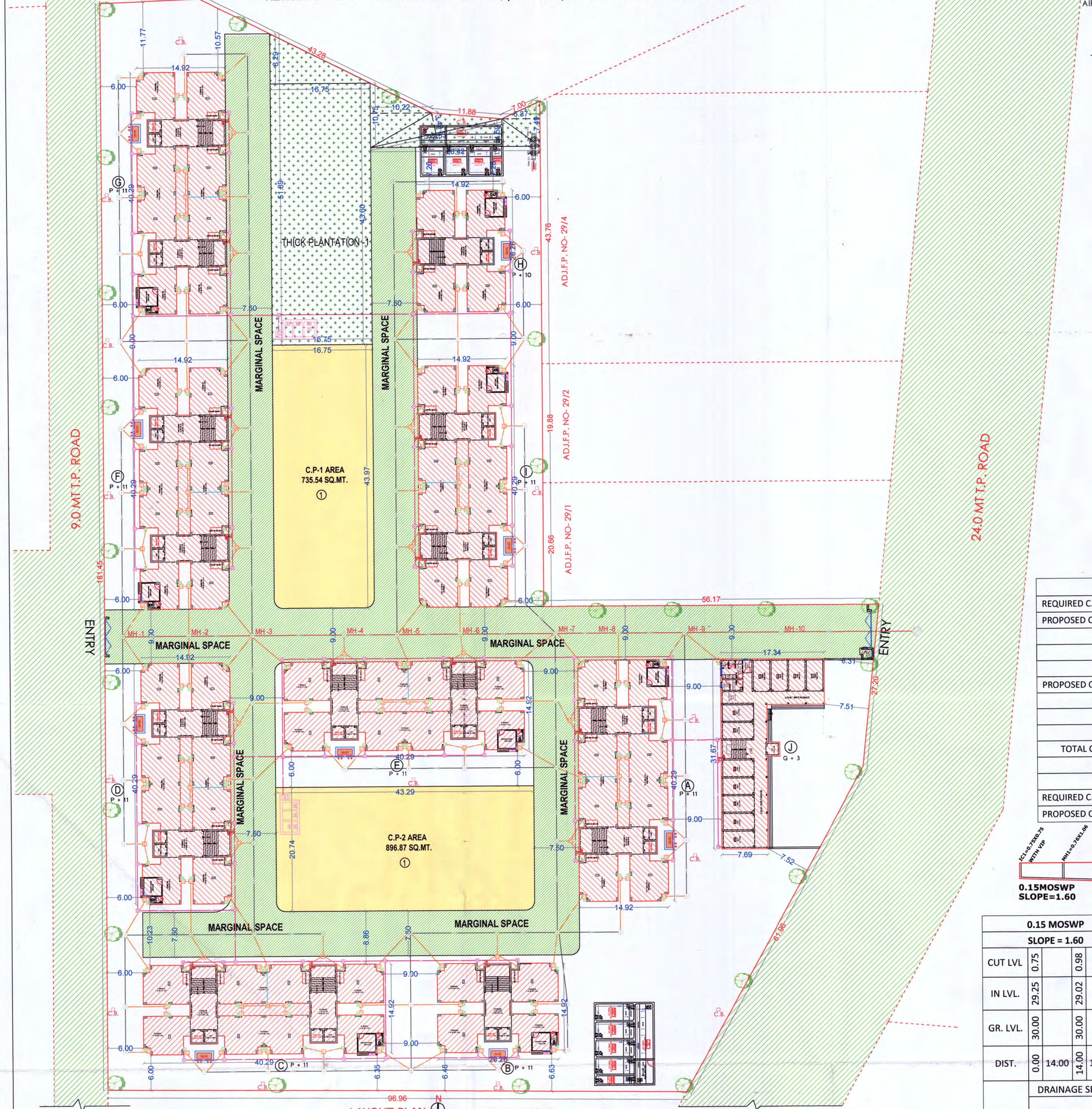
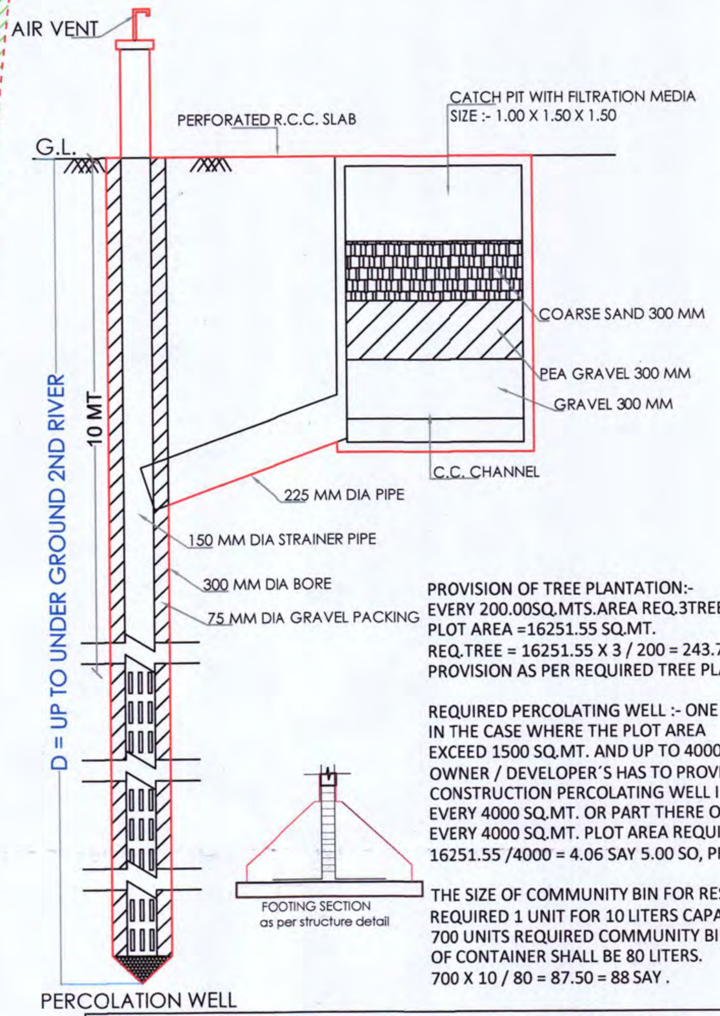
REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.



LAYOUT PLAN SCALE:- 1.00 CM. = 4.00 MT.



PERCOLATION WELL

PROVISION OF TREE PLANTATION:-
EVERY 200.00SQ.MTS.AREA REQ.3TREE
PLOT AREA =16251.55 SQ.MT.
REQ.TREE = 16251.55 X 3 / 200 = 243.77 SAY 244
PROVISION AS PER REQUIRED TREE PLANTATION..

REQUIRED PERCOLATING WELL :- ONE
IN THE CASE WHERE THE PLOT AREA
EXCEED 1500 SQ.MT. AND UP TO 4000 SQ.MT
OWNER / DEVELOPER'S HAS TO PROVIDE /
CONSTRUCTION PERCOLATING WELL IN BUILDING UNIT WELL FOR
EVERY 4000 SQ.MT. OR PART THERE OF AREA OF BUILDING UNIT.
EVERY 4000 SQ.MT. PLOT AREA REQUIRED 1 P.W
16251.55 /4000 = 4.06 SAY 5.00 SO, PROVIDE 5 P.W.

THE SIZE OF COMMUNITY BIN FOR RESIDENTIAL.
REQUIRED 1 UNIT FOR 10 LITERS CAPACITY. / 100 SM FL
700 UNITS REQUIRED COMMUNITY BIN MAXI. CAPACITY
OF CONTAINER SHALL BE 80 LITERS.
700 X 10 / 80 = 87.50 = 88 SAY .

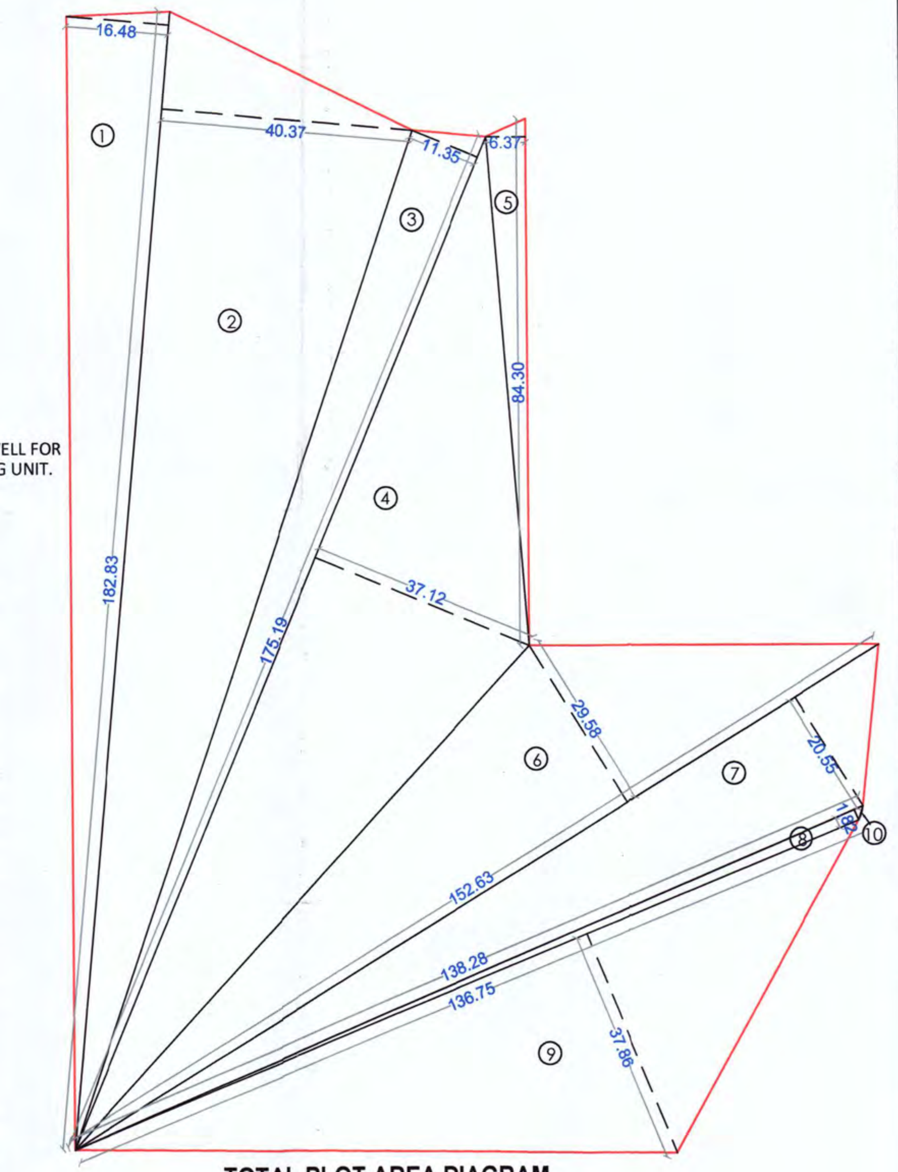
THICK PLANTATION AREA CALCULATION

REQUIRED AREA	6%	X	16251.55				=	975.09	SQMT.
THICK PLANTATION AREA -1									
	16.75	X	43.60	X	1.00		=	730.30	SQMT.
	16.75	X	8.29	X	0.50		=	69.43	SQMT.
	10.75	X	10.22	X	0.50		=	54.93	SQMT.
	22.53	X	3.49	X	0.50		=	39.31	SQMT.
	28.42	X	4.59	X	0.50		=	65.22	SQMT.
	7.49	X	6.37	X	0.50		=	23.86	SQMT.
					TOTAL		=	983.05	SQMT.

THICK PLANTATION AREA -1	983.05	SQMT.
REQUIRED THICK PLANTATION AREA	975.09	SQMT.
PROPOSED THICK PLANTATION AREA	983.05	SQMT.

C.P. AREA CALCULATION

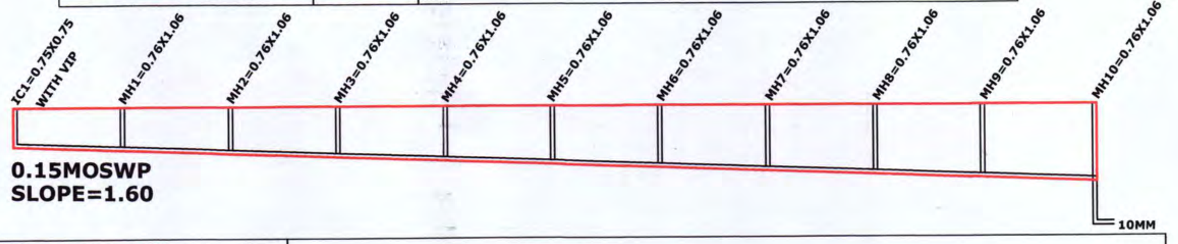
REQUIRED C.P. AREA =	10%	X	16251.55			=	1625.16	SQMT.
PROPOSED C.P. AREA =				C.P. - 01				
1	16.75	X	43.97	X	1.00	=	736.50	SQMT.
LESS CURVE	=		736.50	-	0.96	=	735.54	
					TOTAL	=	735.54	SQMT.
PROPOSED C.P. AREA =				C.P. - 02				
1	43.29	X	20.74	X	1.00	=	897.83	SQMT.
LESS CURVE	=		897.83	-	0.96	=	896.87	
					TOTAL	=	896.87	SQMT.
TOTAL C.P. AREA =	C.P.-1	+	C.P.-2					
=	735.54	+	896.87					
=	1632.41		SQMT.					
REQUIRED C.P. AREA =	1625.16							
PROPOSED C.P. AREA =	1632.41							



TOTAL PLOT AREA DIAGRAM

TOTAL PLOT AREA CALCULATION

1	182.83	X	16.48	X	0.50	1506.52	SQMT.
2	182.83	X	40.37	X	0.50	3690.42	SQMT.
3	175.19	X	11.35	X	0.50	994.20	SQMT.
4	175.19	X	37.12	X	0.50	3251.53	SQMT.
5	84.30	X	6.37	X	0.50	268.50	SQMT.
6	152.63	X	29.58	X	0.50	2257.40	SQMT.
7	152.63	X	20.55	X	0.50	1568.27	SQMT.
8	138.28	X	1.82	X	0.50	125.83	SQMT.
9	136.75	X	37.86	X	0.50	2588.68	SQMT.
10	curve	X	0.190	X	1.00	0.19	SQMT.
					TOTAL	16251.54	SQMT.
				SAY.......	=	16251.55	SQMT.



0.15MOSWP
SLOPE=1.60

0.15 MOSWP SLOPE = 1.60																					
CUT LVL	0.75		0.98		1.21		1.44		1.67		1.90		2.13		2.36		2.59		2.82		3.05
IN LVL.	29.25		29.02		28.79		28.56		28.33		28.10		27.87		27.64		27.41		27.18		26.95
GR. LVL.	30.00		30.00		30.00		30.00		30.00		30.00		30.00		30.00		30.00		30.00		30.00
DIST.	0.00	14.00	14.00	13.50	27.50	13.50	41.00	13.50	54.50	13.50	68.00	13.50	81.50	13.50	95.00	13.50	108.50	13.50	122.00	13.50	135.50

DRAINAGE SECTION SCALE	=	HOR. 1.00 CM. = 5.00 MT.
		VER. 1.00 CM. = 1.00 MT.

COLOUR NOTATION

PLOT BOUNDRY	
PROPOSED WORK SHOWN IN	
DRAINAGE LINE SHOWN IN	
RAIN WATER PIPE SHOWN IN	
ROAD SHOWN IN	
PROPOSED WORK	
PERCOLATION BORE WELL	P.W
COMMUNITY BIN	C.B.

DRAWN BY	CHECK BY	DRG.NO.	PROJ.NO
SAGUNA		-	46Y 19

PROPOSED SITE

KEY PLAN SCALE:- 1.00 CM. = 20.00 MT.

PROPOSED BUILT UP & F.S.I AREA TABLE

A,C TO G, I -TYPE

FLOOR	NO. OF UNIT PER FLOOR	NOS.OF BLDG	TOTAL NO. OF UNIT	FLOOR AREA	BUILT UP AREA	F.S.I. AREA	TOTAL FLOOR AREA	TOTAL BUILT UP AREA	TOTAL F.S.I. AREA
GR. FL.	-	7	-	PARKING	493.10	PARKING	PARKING	3451.70	PARKING
1ST FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
2nd FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
3rd FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
4th FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
5th FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
6th FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
7th FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
8th FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
9th FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
10th FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
11th FL.	8	7	56	371.22	482.85	371.22	2598.54	3379.95	2598.54
STAIRCABIN	---	7	---	---	157.86	---	---	1105.02	---
LMR & OHWT	---	7	---	---	115.27	---	---	806.89	---
TOTAL			616	4083.42	6077.58	4083.42	28583.94	42543.06	28583.94

B-TYPE and H-TYPE

FLOOR	B: NOS.OF BLDG	B: TOTAL NO. OF UNIT	B: FLOOR AREA	B: BUILT UP AREA	B: F.S.I. AREA	H: NOS.OF BLDG	H: TOTAL NO. OF UNIT	H: FLOOR AREA	H: BUILT UP AREA	H: F.S.I. AREA
GR. FL.	1	-	PARKING	247.77	PARKING	1	-	PARKING	247.77	PARKING
1ST FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
2nd FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
3rd FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
4th FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
5th FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
6th FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
7th FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
8th FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
9th FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
10th FL.	1	4	186.82	242.64	186.82	1	4	186.82	242.64	186.82
11th FL.	1	4	186.82	242.64	186.82	---	---	---	---	---
STAIRCABIN	1	---	---	78.94	---	1	---	---	78.94	---
LMR & OHWT	1	---	---	57.64	---	1	---	---	57.64	---
TOTAL		44	2055.02	3053.39	2055.02		40	1868.20	2810.75	1868.20

J -TYPE (SHOPPING BLDG) and TOTAL

FLOOR	NO. OF SHOP PER FLOOR	NOS.OF BLDG	TOTAL NO. OF SHOP	FLOOR AREA	BUILT UP AREA	F.S.I. AREA	TOTAL FLOOR AREA	TOTAL BUILT UP AREA	TOTAL F.S.I. AREA	TOTAL NO. OF UNIT
GR. FL.	11	1	11	293.90	322.77	293.90	293.90	4270.01	293.90	----
1ST FL.	12	1	12	293.90	322.77	293.90	3266.08	4188.00	3266.08	64
2nd FL.	12	1	12	293.90	322.77	293.90	3266.08	4188.00	3266.08	64
3rd FL.	12	1	12	293.90	322.77	293.90	3266.08	4188.00	3266.08	64
4th FL.	---	---	---	---	---	---	2972.18	3865.23	2972.18	64
5th FL.	---	---	---	---	---	---	2972.18	3865.23	2972.18	64
6th FL.	---	---	---	---	---	---	2972.18	3865.23	2972.18	64
7th FL.	---	---	---	---	---	---	2972.18	3865.23	2972.18	64
8th FL.	---	---	---	---	---	---	2972.18	3865.23	2972.18	64
9th FL.	---	---	---	---	---	---	2972.18	3865.23	2972.18	64
10th FL.	---	---	---	---	---	---	2972.18	3865.23	2972.18	64
11th FL.	---	---	---	---	---	---	2785.36	3622.59	2785.36	60
STAIRCABIN	---	1	---	---	36.91	---	---	1299.81	---	----
LMR & OHWT	---	1	---	---	29.08	---	---	951.25	---	---
TOTAL			47	1175.60	1357.07	1175.60	33682.76	49764.27	33682.76	700

REVISED DWG.

1	REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.), PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.		SHEET NO. 1 / 7
2	Description Of Plot	SQ.Mt	%
3	Total Plot Area	16251.55	
4	Required Common Plot 10%	1625.16	10%
5	Proposed Common Plot	1632.41	10.04
6	Required Green Blet 6%	975.09	6%
7	Proposed Green Belt	983.05	60.22
6	Proposed Plot Coverage	4270.01	26.27
7	Proposed Builtup Area	49764.27	306.21
8	Permissible FSI	35753.41	2.20
9	Proposed FSI	33682.76	2.073
10	Proposed Parking	4654.03	
11	Total Units (Nos.)	700	
12	Total Shops (Nos.)	47	
13	**Plot Area**	**16251.55**	
14	**Proposed Total Built Up**	**49764.27**	
15	**Proposed Total F.S.I**	**33682.76**	

16

City Engineer (SP)
Rajkot Municipal Corporation

Deputy Executive Engineer
Housing Cell
Rajkot Municipal Corporation

OWNER 'S SIGNATURE

17

JAYESH A. DALAL
M.TECH, (Civil)
JALARAM SHAKTI,
Beside Dhawalgiri Appt.,
Near Lourds Convent School,
Athwalines, SURAT.
RMC / ER / 283
RMC / ST.DR. / 149

JAYESH A. DALAL
PMC
SURAT

ENGINEER SIGNATURE

ST. ENGINEER SIGNATURE

18

અગત્યની સૂચના :-
તા. ૨૯/૫/૨૦૦...

તમોએ કરેલ વિકાસ પરવાનગીની અરજી અન્વયે ફોમ નં. -૩ થી તમારા પરવાનેદારે ... મુજબ તમારી ... માપ / ચતુર્સીમા ... કરવાનું રહેશે. તેમાં ... સંપુર્ણ જવાબદારી તમારી રહેશે.

The Boundaries of Plot .... shown on this Plan are subject to change and alteration by the Town Planning Officer T.P. Scheme, Rajkot.

The Boundaries of Plot .... shown on this Plan are subject to change and alteration by the Town Planning Officer T.P. Scheme, Rajkot.

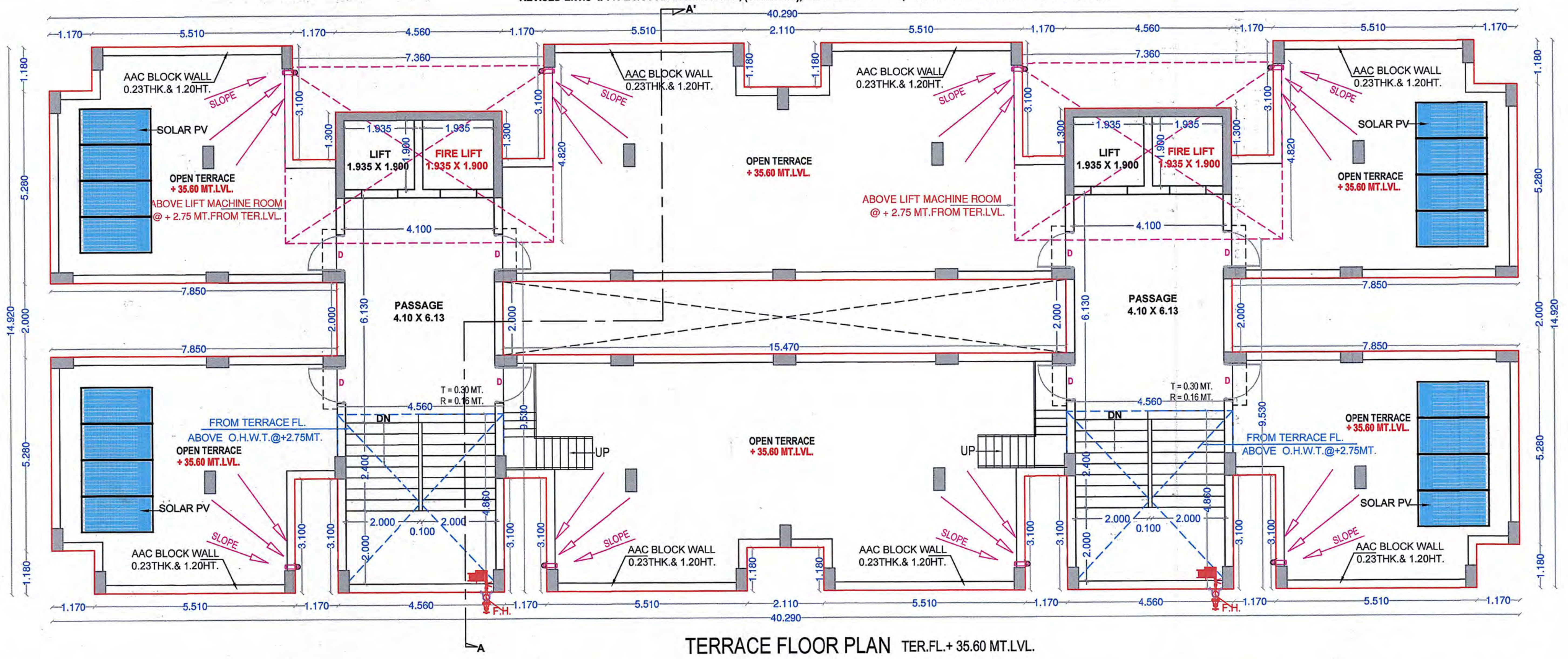
ડેવ.ઈ.નં.૧૦૮	ર.ચી.નં.૦૯
તા. ૨૬/૧૨/૨૨	તા. ૦૧/૦૫/૨૦૨૩

OWNER'S COPY
APPROVED

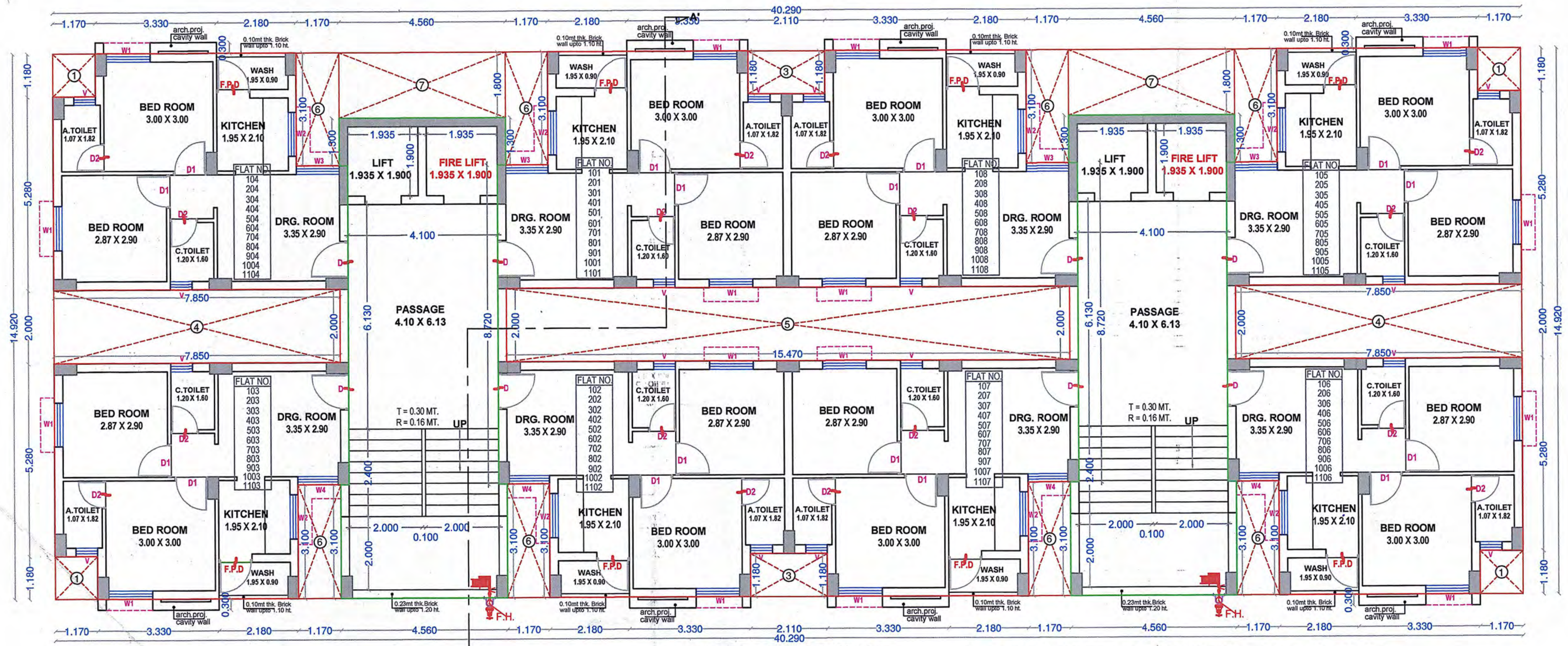
AE-AAE ASST. TOWN PLANNER
Rajkot Municipal Corporation

AUTHORITY

REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.

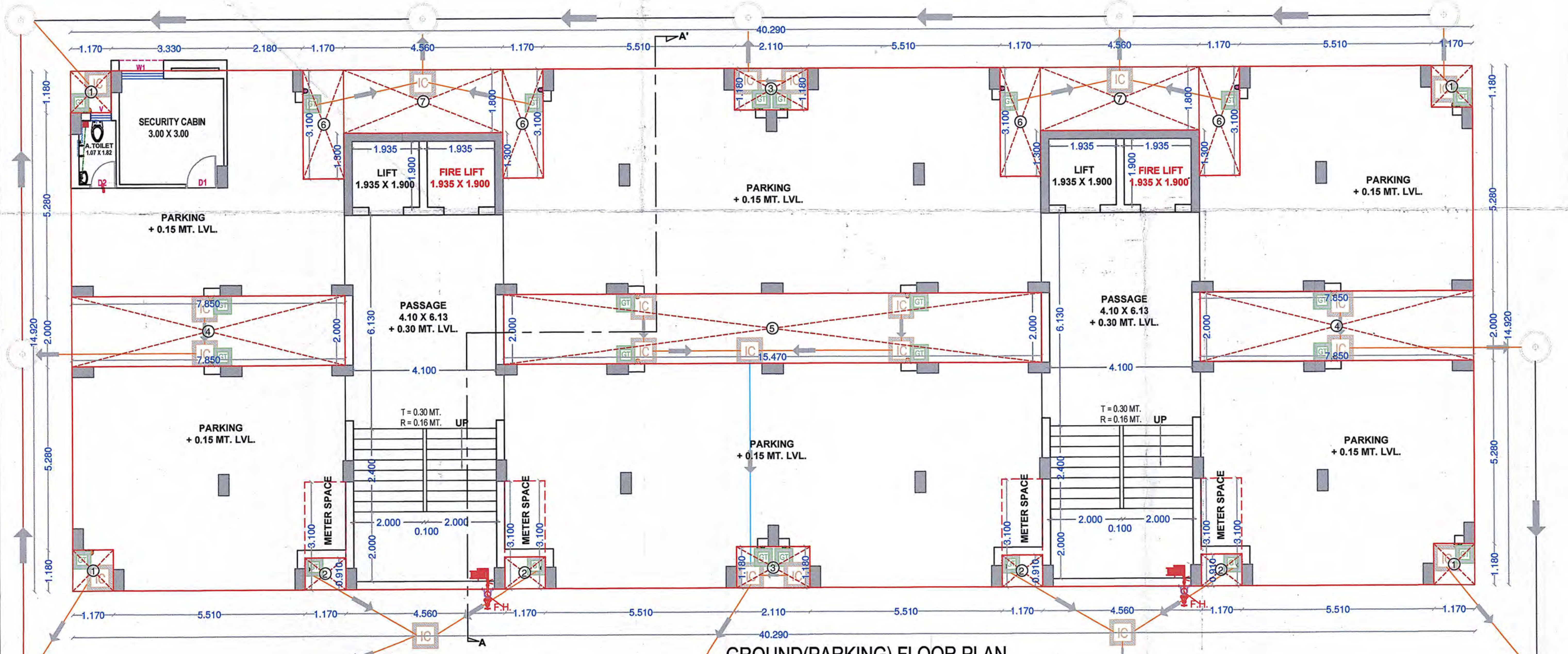


TERRACE FLOOR PLAN TER.FL.+ 35.60 MT.LVL.



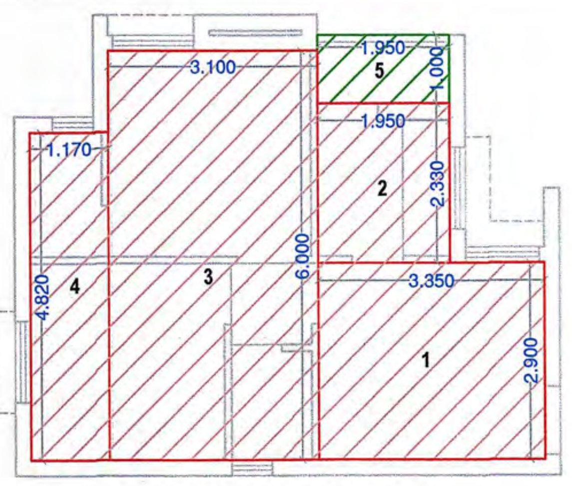
TYPICAL FLOOR PLAN (1ST. TO 11TH.FL.)

1ST.FL.+ 3.15 MT.LVL.	5TH.FL.+ 14.95 MT.LVL.	9TH.FL.+ 26.75 MT.LVL.
2ND.FL.+ 6.10 MT.LVL.	6TH.FL.+ 17.90 MT.LVL.	10TH.FL.+ 29.70 MT.LVL.
3RD.FL.+ 9.05 MT.LVL.	7TH.FL.+ 20.85 MT.LVL.	11TH.FL.+ 32.65 MT.LVL.
4TH.FL.+ 12.00 MT.LVL.	8TH.FL.+ 23.80 MT.LVL.	



GROUND(PARKING) FLOOR PLAN

GR.FL.+ 0.15 MT.LVL.

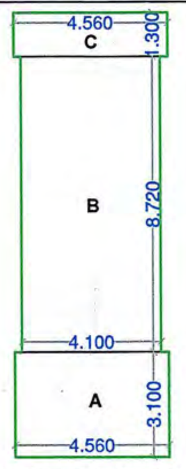


CARPET AREA DIAGRAM

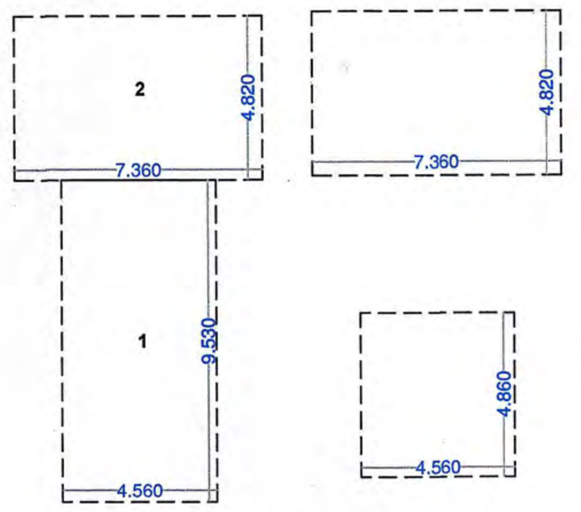
E.W.S.-II CARPET AREA CALCULATION

1	3.350	X	2.900	X	1	=	9.720	SQ.MT
2	1.950	X	2.330	X	1	=	4.540	SQ.MT
3	3.100	X	6.000	X	1	=	18.600	SQ.MT
4	1.170	X	4.820	X	1	=	5.640	SQ.MT
					TOTAL	=	**38.50**	SQ.MT
WASH	1.950	X	1.000	X	1	=	1.950	SQ.MT

(BLOCK - A ,C TO G,I)
FLAT NO:- (101,201,301,401,501,601,701,801,901,1001,1101)
FLAT NO:- (102,202,302,402,502,602,702,802,902,1002,1102)
FLAT NO:- (103,203,303,403,503,603,703,803,903,1003,1103)
FLAT NO:- (104,204,304,404,504,604,704,804,904,1004,1104)
FLAT NO:- (105,205,305,405,505,605,705,805,905,1005,1105)
FLAT NO:- (106,206,306,406,506,606,706,806,906,1006,1106)
FLAT NO:- (107,207,307,407,507,607,707,807,907,1007,1107)
FLAT NO:- (108,208,308,408,508,608,708,808,908,1008,1108)



TY.FL. F.S.I (LESS)AREA DIAGRAM



STAIR CABIN & LIFT AREA DIAGRAM

A ,C TO G,I.-TYPE

GR. FL. BUILT UP AREA CALCU.

BLOCK SIZE	40.29	X	14.92	X	1	=	601.13	SQ.MT
LESS.								
1	1.17	X	1.18	X	4	=	5.52	SQ.MT
2	1.17	X	0.91	X	4	=	4.26	SQ.MT
3	2.11	X	1.18	X	2	=	4.98	SQ.MT
4	7.85	X	2.00	X	2	=	31.40	SQ.MT
5	15.47	X	2.00	X	1	=	30.94	SQ.MT
6	1.17	X	3.10	X	4	=	14.51	SQ.MT
7	4.56	X	1.80	X	2	=	16.42	SQ.MT
					TOTAL	=	108.03	SQ.MT
GR.FL. BUILT UP AREA			=	601.13	-	108.03		SQ.MT
					TOTAL	=	**493.10**	SQ.MT

TY.FL (1ST TO 11TH) .BUILT UP AREA CALCU.

BLOCK SIZE	40.29	X	14.92	X	1	=	601.13	SQ.MT
LESS.								
1	1.17	X	1.18	X	4	=	5.52	SQ.MT
3	2.11	X	1.18	X	2	=	4.98	SQ.MT
4	7.85	X	2.00	X	2	=	31.40	SQ.MT
5	15.47	X	2.00	X	1	=	30.94	SQ.MT
6	1.17	X	3.10	X	8	=	29.02	SQ.MT
7	4.56	X	1.80	X	2	=	16.42	SQ.MT
					TOTAL	=	118.28	SQ.MT
TY.FL. BUILT UP AREA			=	601.13	-	118.28		SQ.MT
					TOTAL	=	**482.85**	SQ.MT

TY. (1ST TO 11TH) FL. F.S.I. AREA CALC.

TY.FL.BUILT UP AREA						=	482.85	SQ.MT.
LESS.								
A	4.56	X	3.10	X	2	=	28.27	SQ.MT
B	4.10	X	8.72	X	2	=	71.50	SQ.MT
C	4.56	X	1.30	X	2	=	11.86	SQ.MT
					TOTAL	=	111.63	SQ.MT
TY.FL. F.S.I. AREA			=	482.85	-	111.63		
			TY.FL. F.S.I. AREA			=	**371.22**	SQ.MT

STAIR CABIN AREA CALCULATION

1	4.56	X	9.53	X	2	=	86.91	SQ.MT
2	7.36	X	4.82	X	2	=	70.95	SQ.MT
					TOTAL	=	**157.86**	SQ.MT
O.H.W.T.	4.56	X	4.86	X	2	=	44.32	SQ.MT
LMR	7.36	X	4.82	X	2	=	70.95	SQ.MT
					TOTAL	=	**115.27**	SQ.MT

REVISED DWG.

1	REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.	SHHET NO. 2 / 7
2	SCALE: - 1.00 CM. = 1.00 MT.	A ,C TO G,I. - TYPE
3		

BUILT UP AREA /F.S.I AREA TABLE (A ,C TO G,I. -TYPE)

FLOOR	USE	NOS. OF UNIT	FSI AREA	FLOOR AREA	BUILT UP
GR. FL.	RESI.	PARKING	-	-	493.10
1ST. FL.	RESI.	8	371.22	371.22	482.85
2ND.FL.	RESI.	8	371.22	371.22	482.85
3RD.FL.	RESI.	8	371.22	371.22	482.85
4TH.FL.	RESI.	8	371.22	371.22	482.85
5TH.FL.	RESI.	8	371.22	371.22	482.85
6TH.FL.	RESI.	8	371.22	371.22	482.85
7TH.FL.	RESI.	8	371.22	371.22	482.85
8TH.FL.	RESI.	8	371.22	371.22	482.85
9TH.FL.	RESI.	8	371.22	371.22	482.85
10TH.FL.	RESI.	8	371.22	371.22	482.85
11TH.FL.	RESI.	8	371.22	371.22	482.85
STAIR CABIN	RESI.	---	---	---	157.86
OHWT & LMR	RESI.	---	---	---	115.27
TOTAL	---	88	4083.42	4083.42	6077.58

4

SCHEDULE OF OPENING		R.C.C. STAIR DETAIL
D 1.000 X 2.365 mt.	W2 1.200 X 1.165 mt.	WIDTH = 2.00
D1 0.900 X 2.365 mt.	W3 1.170 X 1.465 mt.	TREAD = 0.30
D2 0.750 X 2.365 mt.	W4 1.100 X 1.465 mt.	RISER = 0.16
F.P.D 0.900 X 2.365 mt.	V 0.600 X 0.600 mt.	
W1 1.200 X 1.465 mt.		

5

COLOUR NOTATION
PLOT BOUNDRY
PROPOSED WORK SHOWN IN
DRAINAGE LINE SHOWN IN
RAIN WATER PIPE SHOWN IN
ROAD SHOWN IN

6

City Engineer (SP)
Rajkot Municipal Corporation

Deputy Executive Engineer
Housing Cell
Rajkot Municipal Corporation

OWNER 'S SIGNATURE

7

JAYESH A. DALAL
M.TECH, (Civil)
JALARAM SHAKTI,
Beside Dhawalgiri Appt.,
Near Lourds Convent School,
Athwalines, SURAT.
RMC / ER / 283
RMC / ST.DR. / 149

JAYESH A. DALAL PMC SURAT

ENGINEER SIGNATURE | ST. ENGINEER SIGNATURE

8

અગત્યની સૂચના :-
તા. ૨૯/૫/૨૦...
ન.૭ મુજબ...
રાખવાના રહેશે.

તમોએ કરેલ વિકાસ પરવાનગીની અરજી અન્વયે ફોમ નં. -૩ થી તમારા પરવાનેદારે ... તમારી ... રહેશે. ... જવાબદારી તમારી રહેશે.

The Boundaries of Plot ... subject to ... by the Town Planning Officer T.P. Scheme, Rajkot.

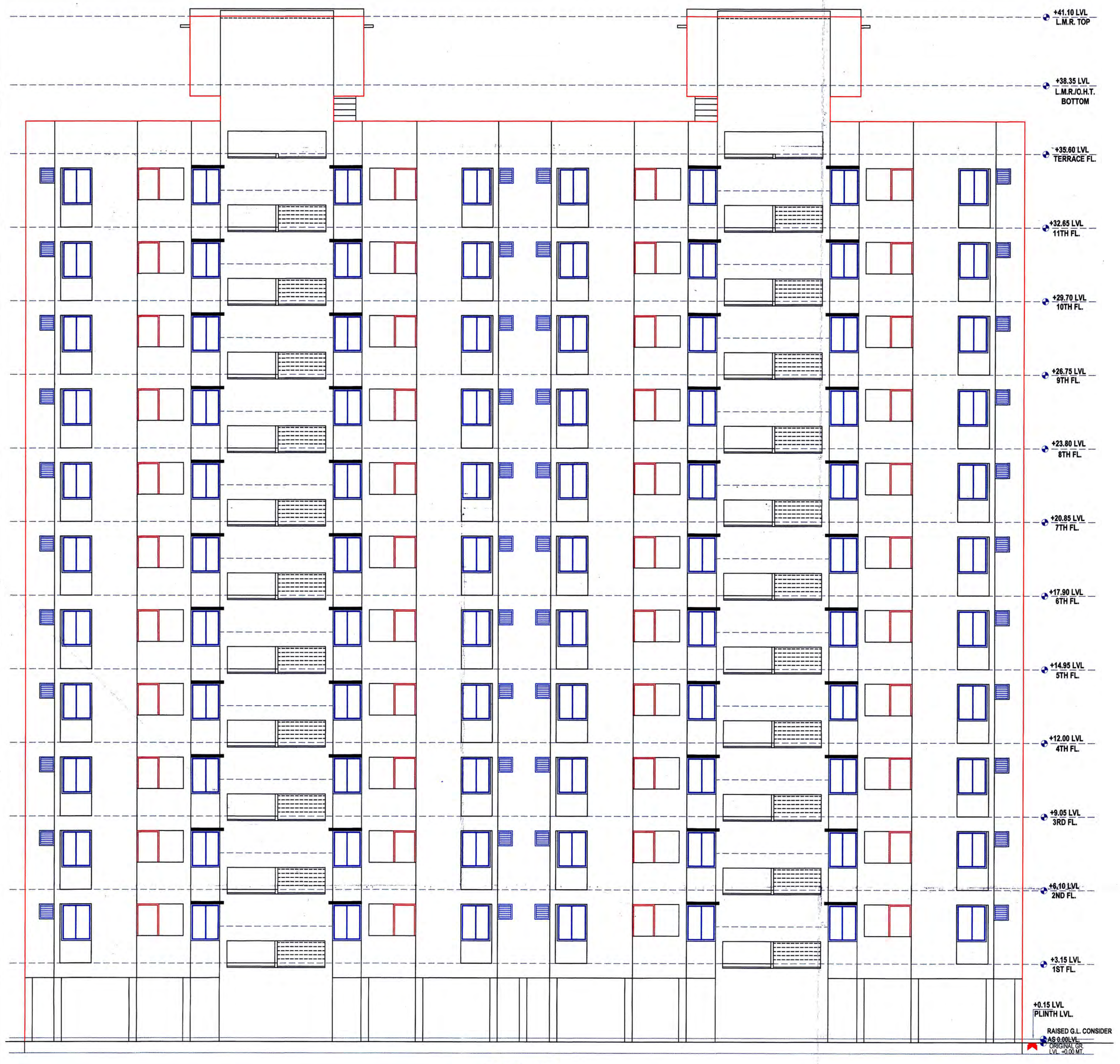
હેવ.ડી.નં. ૧૦૮	09
તા: ૨૬/૧૧/૨૨	તા. 01/05/2023

OWNER'S COPY APPROVED

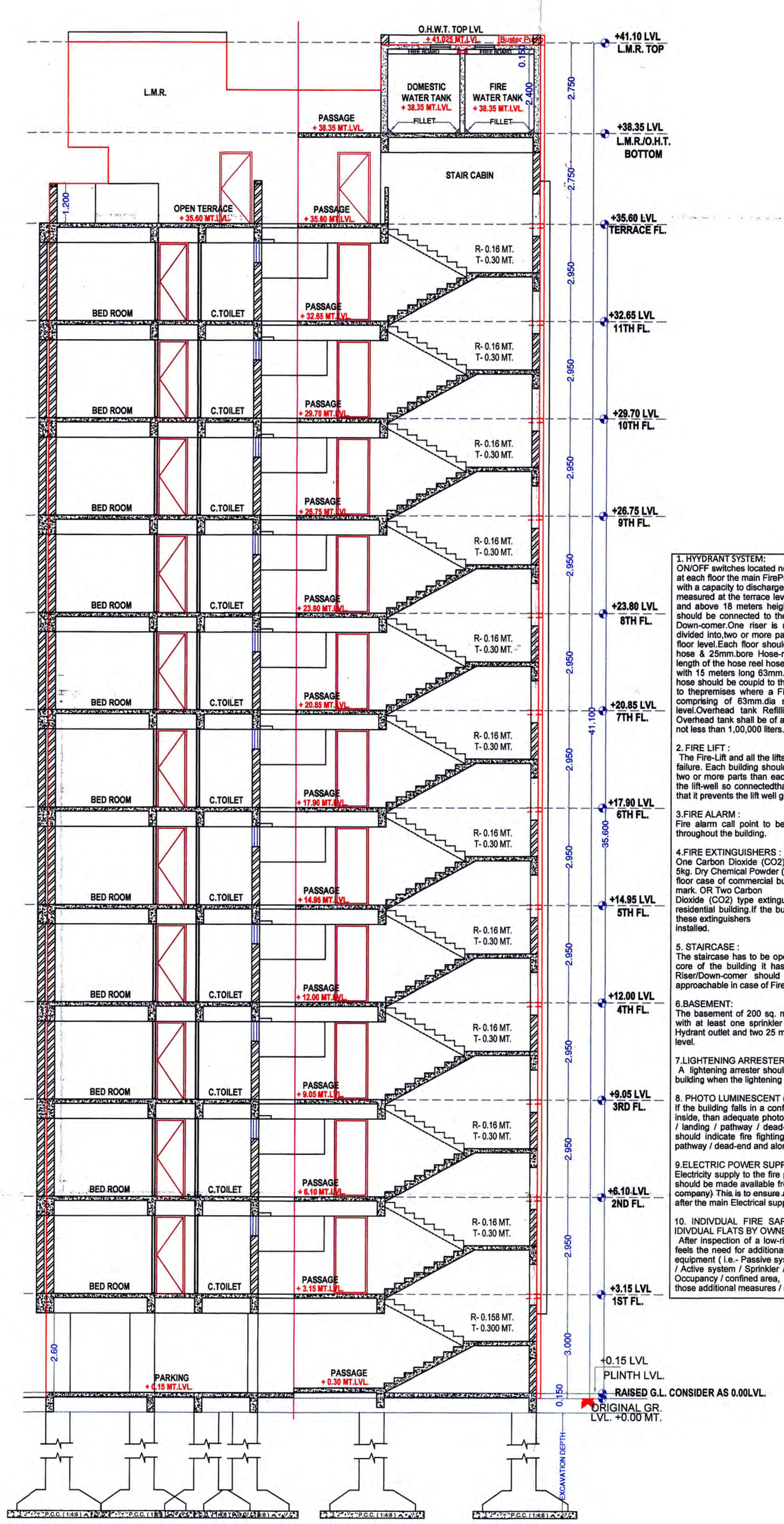
AE-AAE ASST. TOWN PLANNER
Rajkot Municipal Corporation

AUTHORITY

REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.



ELEVATION



SECTION - AA'

1. HYYDRANT SYSTEM:
ON/OFF switches located near the hose reel house or hydrant outlet, at each floor the main FirePump at the underground water tank with a capacity to discharge 900 liters per minute at 3 bar. Pressure as measured at the terrace level should be installed.The Riser for the building exceeding 18 meters and above 18 meters height should not be of less than 100 mm. internal diameter. The riser should be connected to the bottom of the terrace tank with a stop valueand a NRV to act as Down-comer.One riser is required for every 1000sq.meters floor area and if the building is divided into,two or more parts than each part should havea separate riser with all the fittings at floor level.Each floor should haveone hydrant outlet with a coupling for attaching a 63 mm.dia hose & 25mm.bore Hose-reel hose with 8 mm.SS. Shut-off nozzle at each floorlanding. The length of the hose reel hose should be enough to reach the farthest corner of the floor.Hose - box with 15 meters long 63mm.dia.hose and 12.5mm. bore nozzle at alternate floors.The Hose-reel hose should be coupid to the Riser.Fire-service inlet should be installed at a point near the entry to thepremises where a Fire servise vehicle can approach easily.A permanent hydrant point comprising of 63mm.dia size 2nos of hydrant valves should be installed at the terrance level.Overhead tank Refilling bypass connection should be done at the treeace level.The Overhead tank shall be of a capacity of not less than 20,000 liters.TheUnderground tank shall be not less than 1,00,000 liters.

2. FIRE LIFT :
The Fire-Lift and all the lifts should have a provision to ground automatically in case of electricity failure. Each building should have at least one lift as a Fire-Lift and if the building is divided into two or more parts than each should havea Fire-Lift. Lift-well should have blowers to pressurize the lift-well so connectedthat it wall automatically operate when alaram call point is operate, so that it prevents the lift well getting smoke logged.

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5. STAIRCASE :
The staircase has to be open from at least one or two sides but if the staircase is in the centre core of the building it has to be pressurized to prevent it from getting smoke logged. The Riser/Down-comer should be located in the staircase or close to in to make it easily approachable in case of Fire from the floor bellow or above.

6.BASEMENT:
The basement of 200 sq. meters or more should be protected with Automatic Sprinkler system with at least one sprinkler head for actual Car parking space.Additionally be protected by a Hydrant outlet and two 25 mm. bore Hose-reel hoses with 8 mm. bore nozzles at each basement level.

7.LIGHTENING ARRESTER :
A lightening arrester should also be installed and be properly earthed to prevent damage to the building when the lightening strikes.

8. PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S:
If the building falls in a confined area or if it has an enclosed staircase or is notwell lit-up on the inside, than adequate photo luminescent (auto glow) signage's should be displayed at each floor / landing / pathway / dead-end along all exit routes leading to the ground level. The signage should indicate fire fighting, fire safety equipment present on the respective floor / landing / pathway / dead-end and along all exit routes leading to the ground level.

9.ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE-SAFETY SYSTEM
Electricity supply to the fire pump. Fire alarm system, staircase pressurization system and fire lift should be made available from the main Electrical supply.(i.e. from Electrical power supply of the company) This is to ensure availability of power supply to the fire protection & safety system even after the main Electrical supply to the building is switched off at the time of fire.

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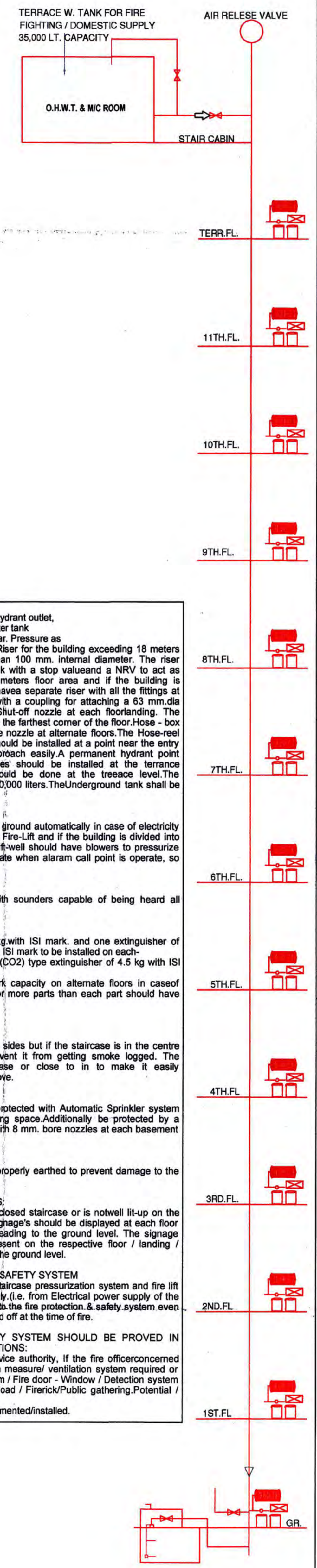
After inspection of a low-rise building by the f re service authority, If the fire officerconcerned feels the need for additional fire prevention / protection measure/ ventilation system required or equipment (i.e.- Passive system / Supperession sy stem / Fire door - Window / Detection system / Active system / Sprinkler /Drencher ect.) as per fire load / Firerick/Public gathering.Potential / Occupancy / confined area,
those additional measures / equipment have to be implemented/installed.



REVISED DWG.

1	REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.	SHHET NO. 3 / 7
2	SCALE: - 1.00 CM. = 1.00 MT.	A ,C TO G,I. - TYPE
3		

4

SCHEDULE OF OPENING		R.C.C. STAIR DETAIL
D 1.000 X 2.365 mt.	W2 1.200 X 1.165 mt.	WIDTH = 2.00
D1 0.900 X 2.365 mt.	W3 1.170 X 1.465 mt.	TREAD = 0.30
D2 0.750 X 2.365 mt.	W4 1.100 X 1.465 mt.	RISER = 0.16
F.P.D 0.900 X 2.365 mt.	V 0.600 X 0.600 mt.	
W1 1.200 X 1.465 mt.		

5

COLOUR NOTATION	
PLOT BOUNDRY	
PROPOSED WORK SHOWN IN	
DRAINAGE LINE SHOWN IN	
RAIN WATER PIPE SHOWN IN	
ROAD SHOWN IN	

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City Engineer (SP)
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ENGINEER SIGNATURE | ST. ENGINEER SIGNATURE

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અગત્યની સુચના :-
તા. ૨૯/૫/૨૦૨૧ [illegible]

તમોએ કરેલ વિકાસ પરવાનગીની અરજી અન્વયે [illegible]

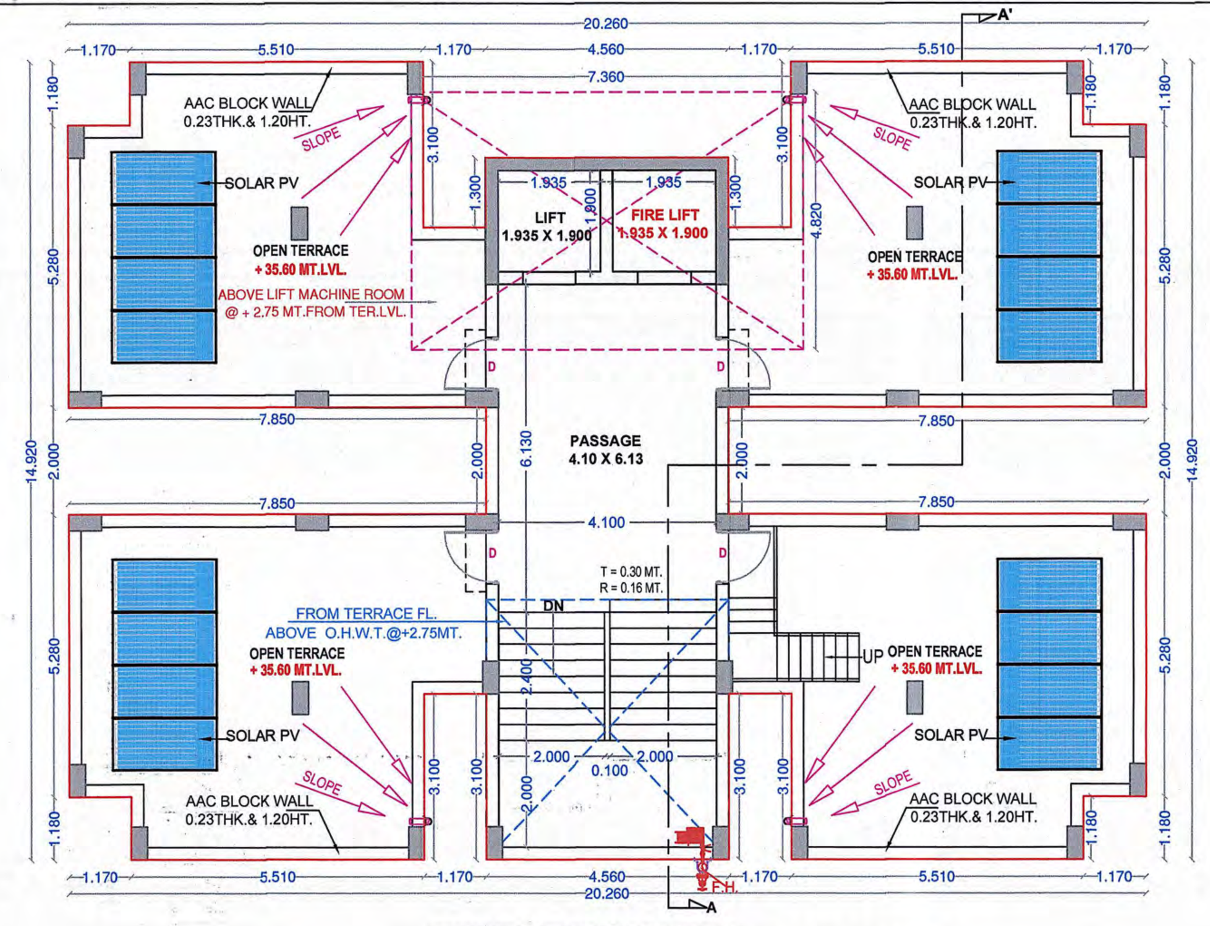
The Boundaries of Plot [illegible] to change [illegible] by the Town Planning Officer T.P. Scheme, Rajkot.

હેવ.ફૌ. રાo૯	૦૯
તા. ૨૯/૧૨/૨૨	તા. ૦૧/૦૫/૨૦૨૩

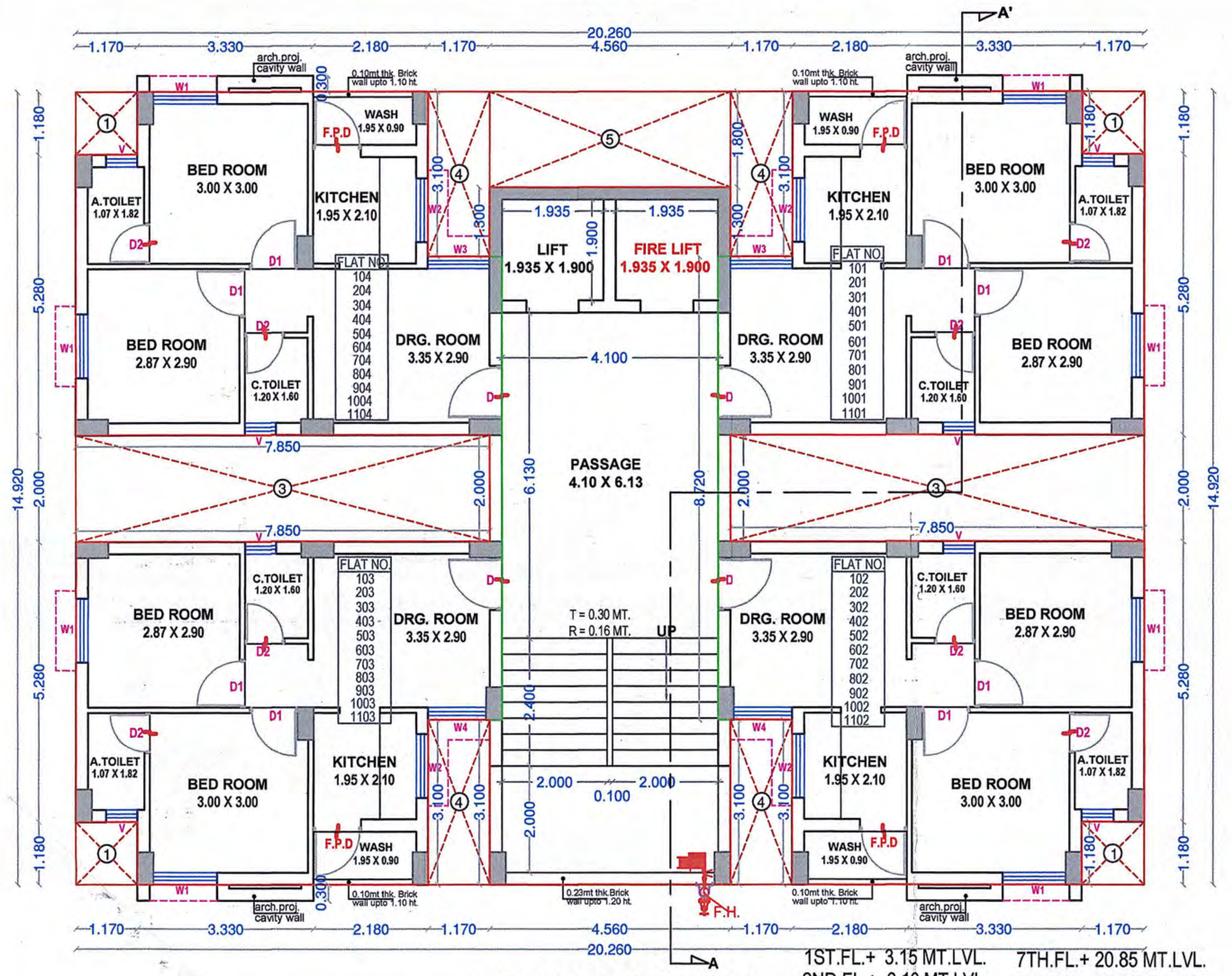
OWNER'S COPY
APPROVED
AE-AAE ASST. TOWN PLANNER
Rajkot Municipal Corporation

AUTHORITY

REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.

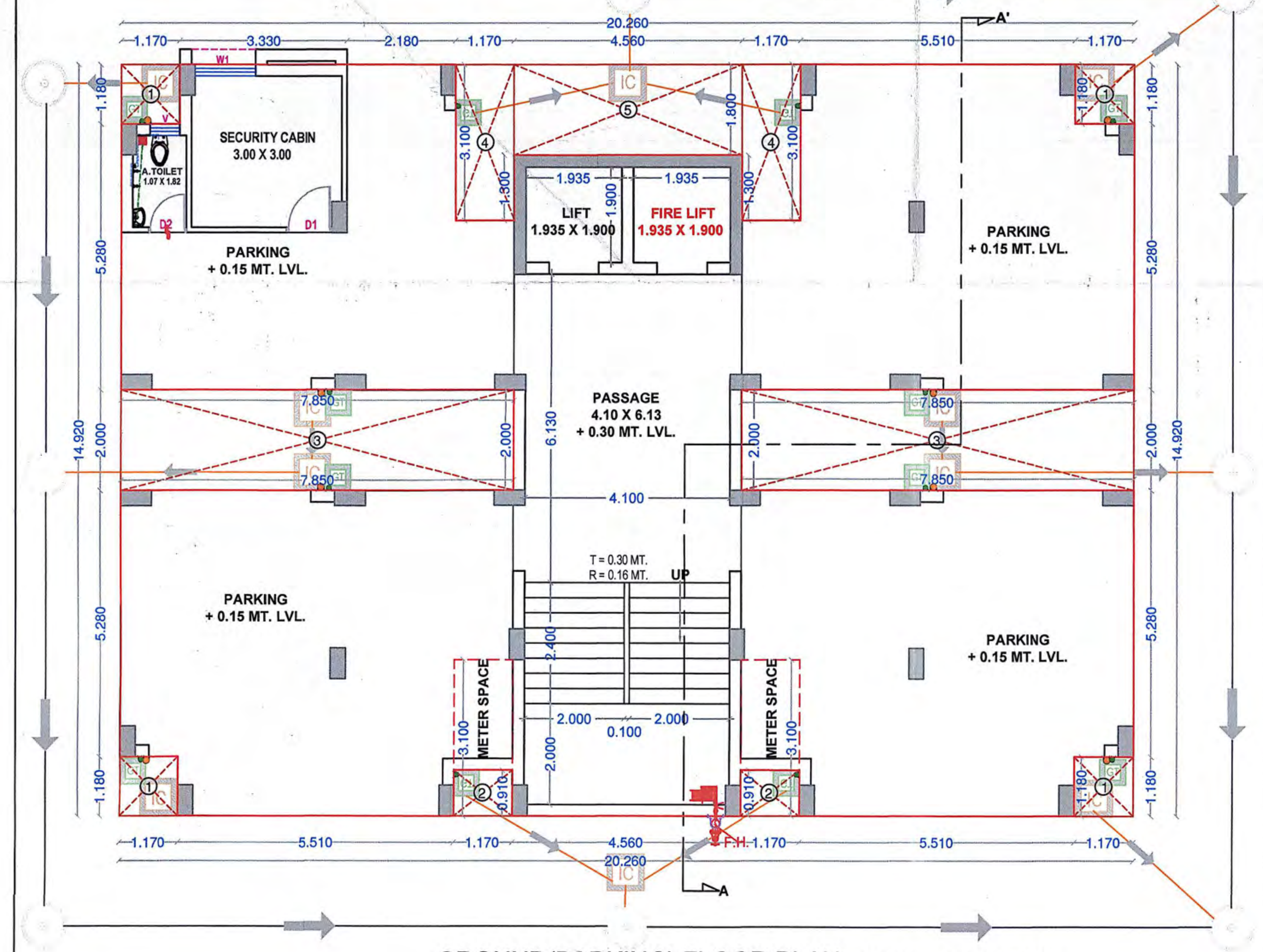


TERRACE FLOOR PLAN TER.FL.+ 35.60 MT.LVL.

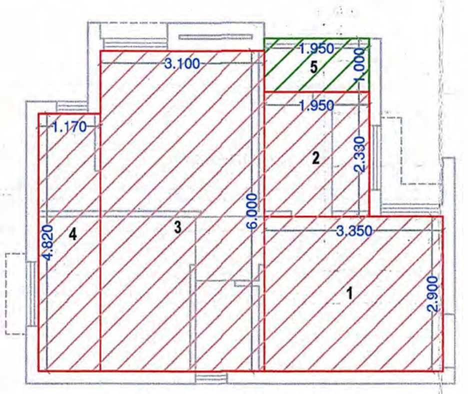


TYPICAL FLOOR PLAN (1ST. TO 11TH.FL.)

1ST.FL.+ 3.15 MT.LVL. 7TH.FL.+ 20.85 MT.LVL.
2ND.FL.+ 6.10 MT.LVL. 8TH.FL.+ 23.80 MT.LVL.
3RD.FL.+ 9.05 MT.LVL. 9TH.FL.+ 26.75 MT.LVL.
4TH.FL.+ 12.00 MT.LVL. 10TH.FL.+ 29.70 MT.LVL.
5TH.FL.+ 14.95 MT.LVL. 11TH.FL.+ 32.65 MT.LVL.
6TH.FL.+ 17.90 MT.LVL.



GROUND(PARKING) FLOOR PLAN GR.FL.+ 0.15 MT.LVL.

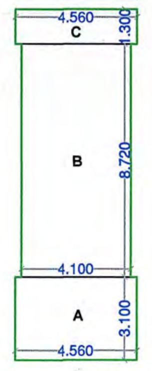


CARPET AREA DIAGRAM

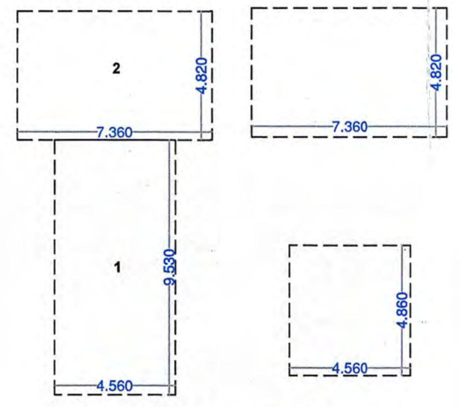
E.W.S.-II CARPET AREA CALCULATION								
1	3.350	X	2.900	X	1	=	9.720	SQ.MT
2	1.950	X	2.330	X	1	=	4.540	SQ.MT
3	3.100	X	6.000	X	1	=	18.600	SQ.MT
4	1.170	X	4.820	X	1	=	5.640	SQ.MT
					TOTAL	=	38.50	SQ.MT
WASH	1.950	X	1.000	X	1	=	1.950	SQ.MT

(BLOCK-B)

FLAT NO:- (101,201,301,401,501,601,701,801,901,1001,1101)
FLAT NO:- (102,202,302,402,502,602,702,802,902,1002,1102)
FLAT NO:- (103,203,303,403,503,603,703,803,903,1003,1103)
FLAT NO:- (104,204,304,404,504,604,704,804,904,1004,1104)



TY.FL. F.S.I (LESS)AREA DIAGRAM



STAIR CABIN & LIFT AREA DIAGRAM

B -TYPE

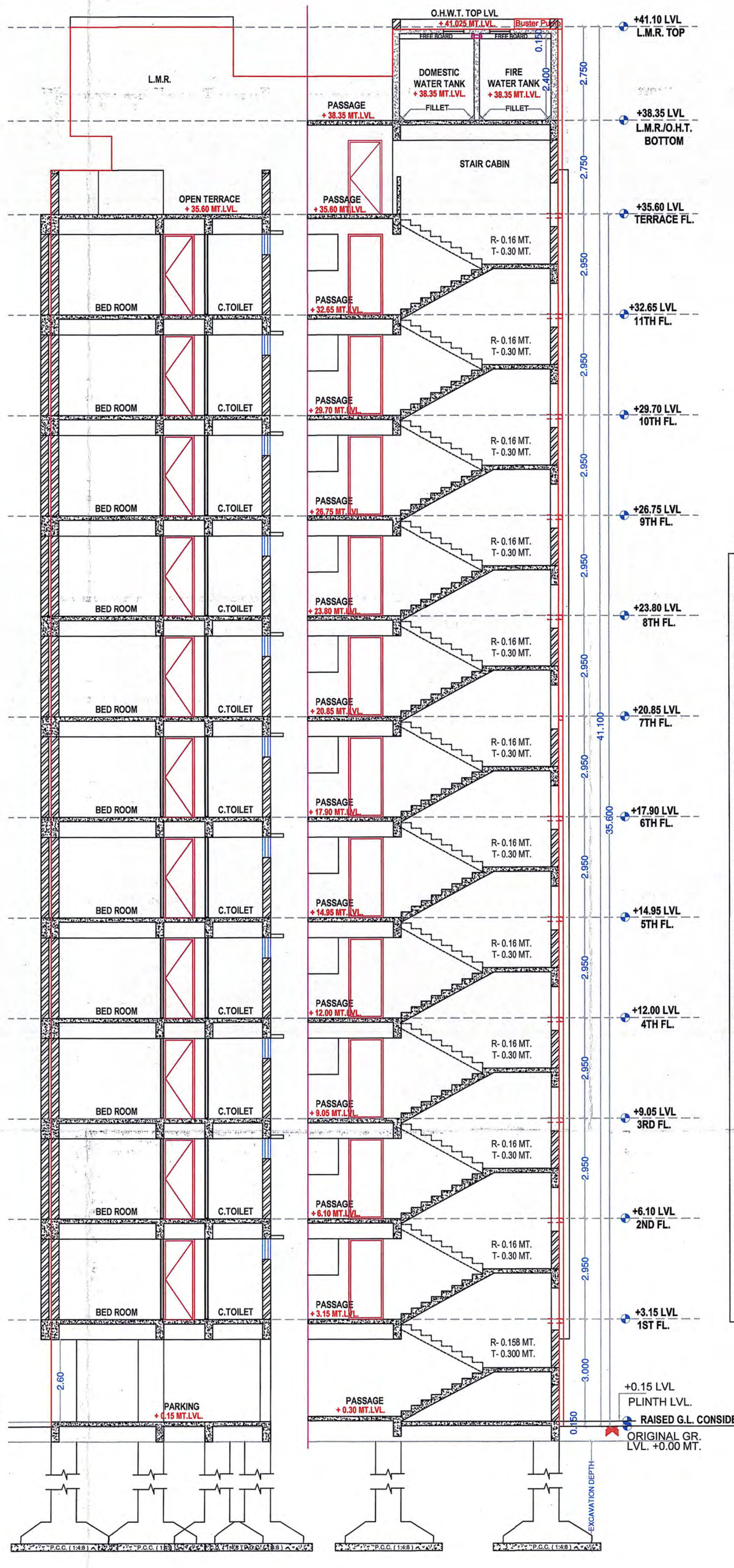
GR. FL .BUILT UP AREA CALCU.								
BLOCK SIZE	20.26	X	14.92	X	1	=	302.28	SQ.MT
LESS.								
1	1.17	X	1.18	X	4	=	5.52	SQ.MT
2	1.17	X	0.91	X	2	=	2.13	SQ.MT
3	7.85	X	2.00	X	2	=	31.40	SQ.MT
4	1.17	X	3.10	X	2	=	7.25	SQ.MT
5	4.56	X	1.80	X	1	=	8.21	SQ.MT
					TOTAL	=	54.51	SQ.MT
GR.FL. BUILT UP AREA				=	302.28	-	54.51	SQ.MT
					TOTAL	=	247.77	SQ.MT

TY.FL. (1ST TO 11 TH) .BUILT UP AREA CALCU.								
BLOCK SIZE	20.26	X	14.92	X	1	=	302.28	SQ.MT
LESS.								
1	1.17	X	1.18	X	4	=	5.52	SQ.MT
3	7.85	X	2.00	X	2	=	31.40	SQ.MT
4	1.17	X	3.10	X	4	=	14.51	SQ.MT
5	4.56	X	1.80	X	1	=	8.21	SQ.MT
					TOTAL	=	59.64	SQ.MT
TY.FL. BUILT UP AREA				=	302.28	-	59.64	SQ.MT
					TOTAL	=	242.64	SQ.MT

TY. (1ST TO 11TH) FL. F.S.I. AREA CALC.								
TY.FL.BUILT UP AREA						=	242.64	SQ.MT.
LESS.								
A	4.56	X	3.10	X	1	=	14.14	SQ.MT
B	4.10	X	8.72	X	1	=	35.75	SQ.MT
C	4.56	X	1.30	X	1	=	5.93	SQ.MT
					TOTAL	=	55.82	SQ.MT
TY.FL. F.S.I. AREA				=	242.64	-	55.82	
TY.FL. F.S.I. AREA						=	186.82	SQ.MT

STAIR CABIN AREA CALCULATION								
1	4.56	X	9.53	X	1	=	43.46	SQ.MT
2	7.36	X	4.82	X	1	=	35.48	SQ.MT
					TOTAL	=	78.94	SQ.MT
O.H.W.T.	4.56	X	4.86	X	1	=	22.16	SQ.MT
LMR	7.36	X	4.82	X	1	=	35.48	SQ.MT
					TOTAL	=	57.64	SQ.MT

ELEVATION



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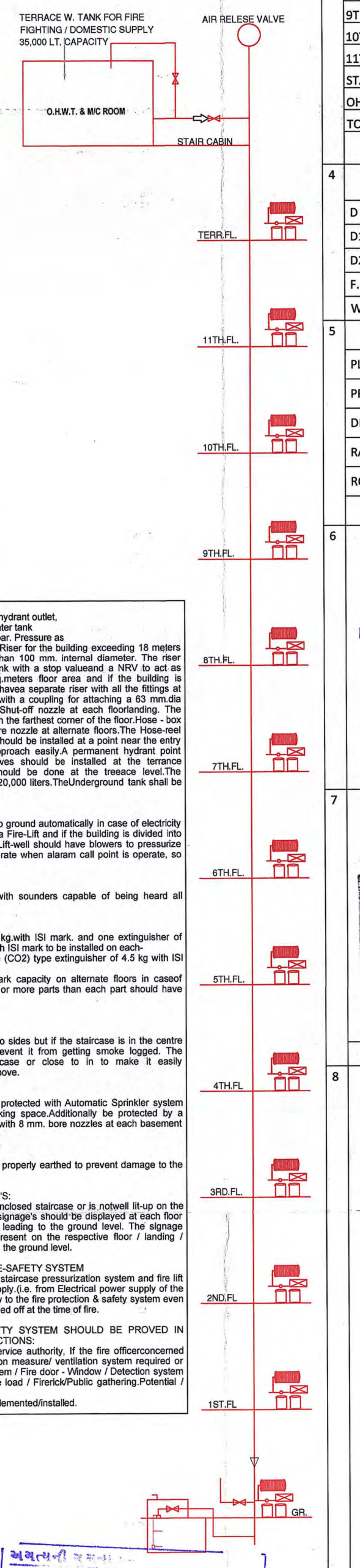

REVISED DWG.

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2	SCALE:- 1.00 CM. = 1.00 MT.	B - TYPE
3		

BUILT UP AREA /F.S.I AREA TABLE (B -TYPE)

FLOOR	USE	NOS. OF UNIT	FSI AREA	FLOOR AREA	BUILT UP
GR. FL.	RESI.	PARKING	PARKING	PARKING	247.77
1ST. FL.	RESI.	4	186.82	186.82	242.64
2ND.FL.	RESI.	4	186.82	186.82	242.64
3RD.FL.	RESI.	4	186.82	186.82	242.64
4TH.FL.	RESI.	4	186.82	186.82	242.64
5TH.FL.	RESI.	4	186.82	186.82	242.64
6TH.FL.	RESI.	4	186.82	186.82	242.64
7TH.FL.	RESI.	4	186.82	186.82	242.64
8TH.FL.	RESI.	4	186.82	186.82	242.64
9TH.FL.	RESI.	4	186.82	186.82	242.64
10TH.FL.	RESI.	4	186.82	186.82	242.64
11TH.FL.	RESI.	4	186.82	186.82	242.64
STAIR CABIN	RESI.	---	---	---	78.94
OHWT & LMR	RESI.	---	---	---	57.64
TOTAL	---	44	2055.02	2055.02	3053.39

4

SCHEDULE OF OPENING		R.C.C. STAIR DETAIL
D 1.000 X 2.365 mt.	W2 1.200 X 1.165 mt.	WIDTH = 2.00
D1 0.900 X 2.365 mt.	W3 1.170 X 1.465 mt.	TREAD = 0.30
D2 0.750 X 2.365 mt.	W4 1.100 X 1.465 mt.	RISER = 0.16
F.P.D 0.900 X 2.365 mt.	V 0.600 X 0.600 mt.	
W1 1.200 X 1.465 mt.		

5

COLOUR NOTATION

- PLOT BOUNDRY
- PROPOSED WORK SHOWN IN
- DRAINAGE LINE SHOWN IN
- RAIN WATER PIPE SHOWN IN
- ROAD SHOWN IN

6

City Engineer (SP)
Rajkot Municipal Corporation

Deputy Executive Engineer
Housing Cell
Rajkot Municipal Corporation

OWNER 'S SIGNATURE

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JAYESH A. DALAL
M.TECH, (Civil)
JALARAM SHAKTI,
Beside Dhawalgiri Appt.,
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Athwalines, SURAT.
RMC / ER / 283
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JAYESH A. DALAL PMC SURAT

ENGINEER SIGNATURE | ST. ENGINEER SIGNATURE

8

તમોએ કરેલ વિકાસ પરવાનગીની અરજી અન્વયે હોમ નં. -3 થી તમારી [illegible]

The Boundaries of Plot shown on this [illegible] to change [illegible] by the Town Planning Officer T.P. Scheme, Rajkot.

હેલ.ફી.નં. 20ટ 09
તા. 29/12/22 તા. 01/05/2023

OWNER'S COPY APPROVED

AE-AAE ASST. TOWN PLANNER
Rajkot Municipal Corp.

AUTHORITY

REVISED DWG.

REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.

1	REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.	SHHET NO. 5 / 7
2	SCALE: - 1.00 CM. = 1.00 MT.	H - TYPE
3		

BUILT UP AREA /F.S.I AREA TABLE (H -TYPE)

FLOOR	USE	NOS. OF UNIT	FSI AREA	FLOOR AREA	BUILT UP
GR. FL.	RESI.	PARKING	PARKING	PARKING	247.77
1ST. FL.	RESI.	4	186.82	186.82	242.64
2ND.FL.	RESI.	4	186.82	186.82	242.64
3RD.FL.	RESI.	4	186.82	186.82	242.64
4TH.FL.	RESI.	4	186.82	186.82	242.64
5TH.FL.	RESI.	4	186.82	186.82	242.64
6TH.FL.	RESI.	4	186.82	186.82	242.64
7TH.FL.	RESI.	4	186.82	186.82	242.64
8TH.FL.	RESI.	4	186.82	186.82	242.64
9TH.FL.	RESI.	4	186.82	186.82	242.64
10TH.FL.	RESI.	4	186.82	186.82	242.64
STAIR CABIN	RESI.	---	---	---	78.94
OHWT & LMR	RESI.	---	---	---	57.64
TOTAL	---	40	1868.20	1868.20	2810.75

4

SCHEDULE OF OPENING		R.C.C. STAIR DETAIL
D 1.000 X 2.365 mt.	W2 1.200 X 1.165 mt.	WIDTH = 2.00
D1 0.900 X 2.365 mt.	W3 1.170 X 1.465 mt.	TREAD = 0.30
D2 0.750 X 2.365 mt.	W4 1.100 X 1.465 mt.	RISER = 0.16
F.P.D 0.900 X 2.365 mt.	V 0.600 X 0.600 mt.	
W1 1.200 X 1.465 mt.		

5

COLOUR NOTATION

- PLOT BOUNDRY
- PROPOSED WORK SHOWN IN
- DRAINAGE LINE SHOWN IN
- RAIN WATER PIPE SHOWN IN
- ROAD SHOWN IN

6

City Engineer (SP)
Rajkot Municipal Corporation

Deputy Executive Engineer
Housing Cell
Rajkot Municipal Corporation

OWNER 'S SIGNATURE

7

JAYESH A. DALAL
M.TECH, (Civil)
JALARAM SHAKTI,
Beside Dhawalgiri Appt.,
Near Lourds Convent School,
Athwalines, SURAT.
RMC / ER / 283
RMC / ST.DR. / 149

JAYESH A. DALAL PMC SURAT

ENGINEER SIGNATURE | ST. ENGINEER SIGNATURE

8

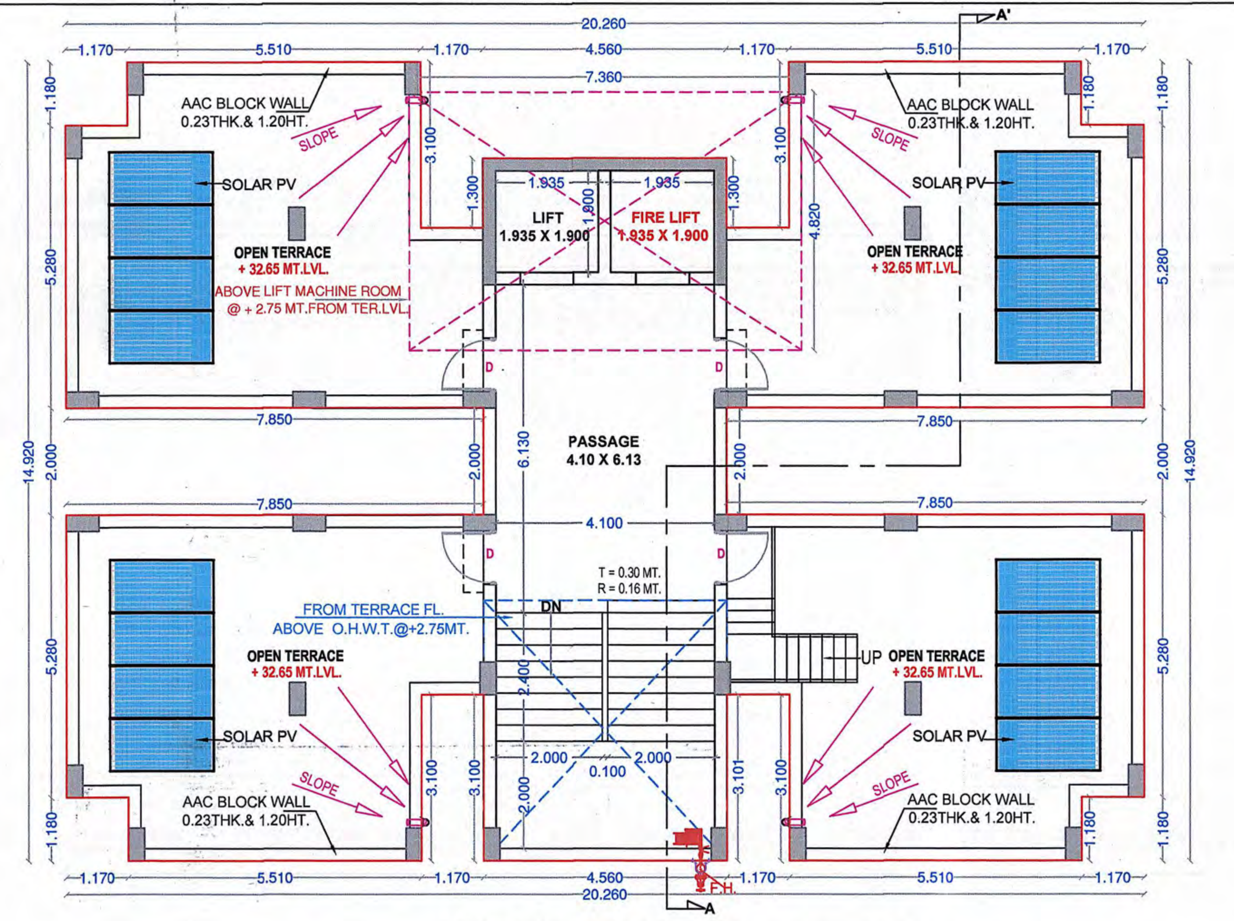
તાજેતરમાં કરેલ વિકાસ પરવાનગીની અરજી

The Boundaries of Plot ... subject to ... by the Town Planning Officer T.P. Scheme, Rajkot.

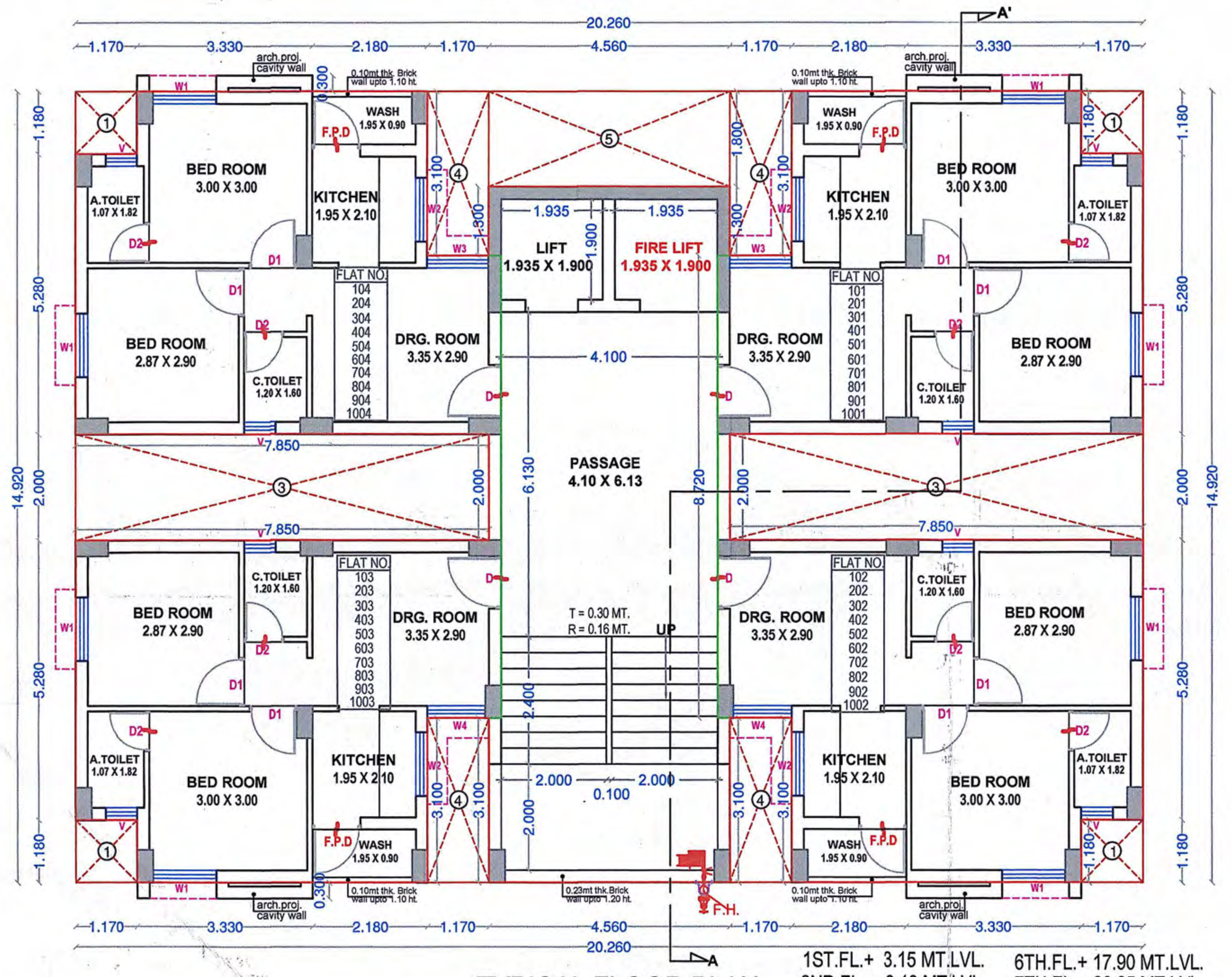
ઠેવ.ઈ.નં. ૨૦૮ ... 09
તા. 25/12/22 તા. 01/05/2023

OWNER'S COPY
APPROVED
AE-AAE ASST. TOWN PLANNER
Rajkot Municipal Corpo...

AUTHORITY

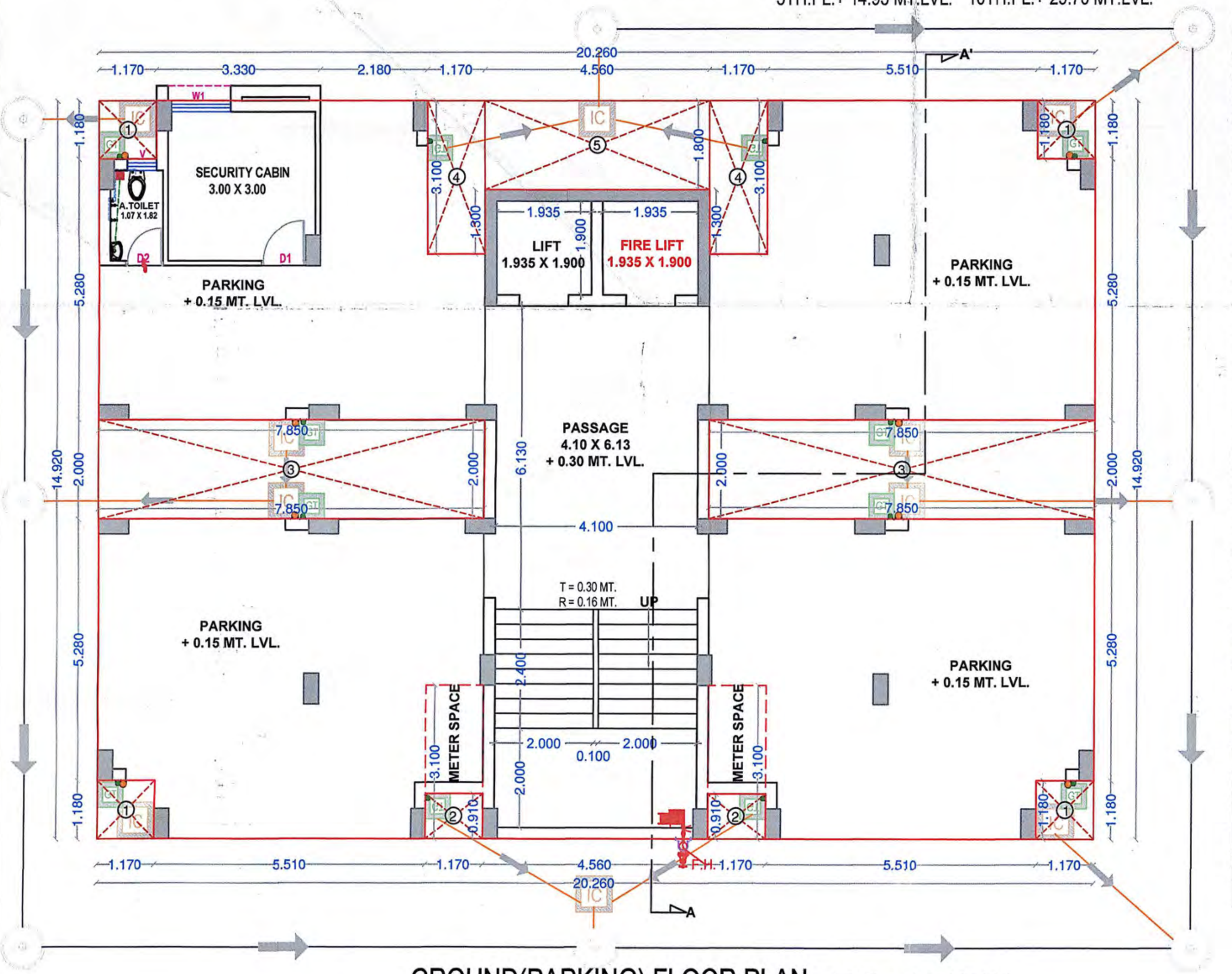


TERRACE FLOOR PLAN TER.FL.+ 32.65 MT.LVL.

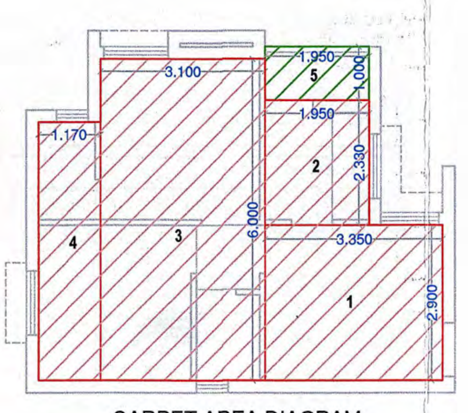


TYPICAL FLOOR PLAN
(1ST. TO 10TH.FL.)

1ST.FL.+ 3.15 MT.LVL. 6TH.FL.+ 17.90 MT.LVL.
2ND.FL.+ 6.10 MT.LVL. 7TH.FL.+ 20.85 MT.LVL.
3RD.FL.+ 9.05 MT.LVL. 8TH.FL.+ 23.80 MT.LVL.
4TH.FL.+ 12.00 MT.LVL. 9TH.FL.+ 26.75 MT.LVL.
5TH.FL.+ 14.95 MT.LVL. 10TH.FL.+ 29.70 MT.LVL.



GROUND(PARKING) FLOOR PLAN GR.FL.+ 0.15 MT.LVL.

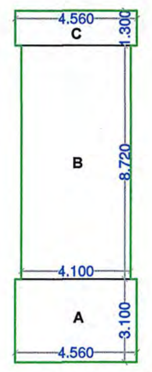


CARPET AREA DIAGRAM

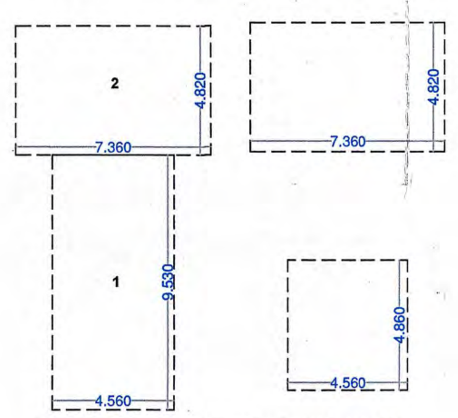
E.W.S.-II CARPET AREA CALCULATION								
1	3.350	X	2.900	X	1	=	9.720	SQ.MT
2	1.950	X	2.330	X	1	=	4.540	SQ.MT
3	3.100	X	6.000	X	1	=	18.600	SQ.MT
4	1.170	X	4.820	X	1	=	5.640	SQ.MT
					TOTAL	=	38.50	SQ.MT
WASH	1.950	X	1.000	X	1	=	1.950	SQ.MT

(BLOCK-H)

FLAT NO:- (101,201,301,401,501,601,701,801,901,1001)
FLAT NO:- (102,202,302,402,502,602,702,802,902,1002)
FLAT NO:- (103,203,303,403,503,603,703,803,903,1003)
FLAT NO:- (104,204,304,404,504,604,704,804,904,1004)



TY.FL. F.S.I (LESS)AREA DIAGRAM

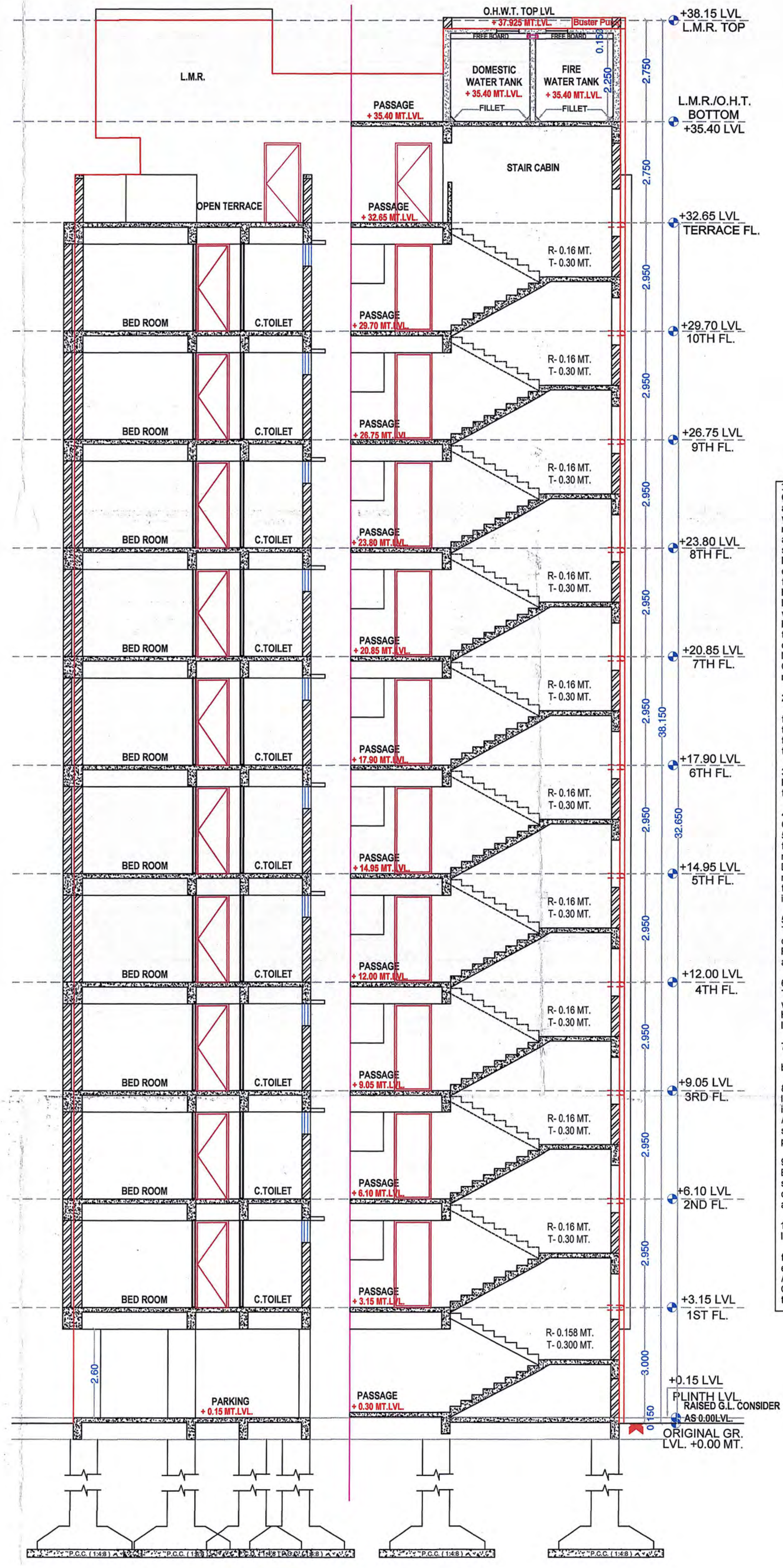


STAIR CABIN & LIFT AREA DIAGRAM

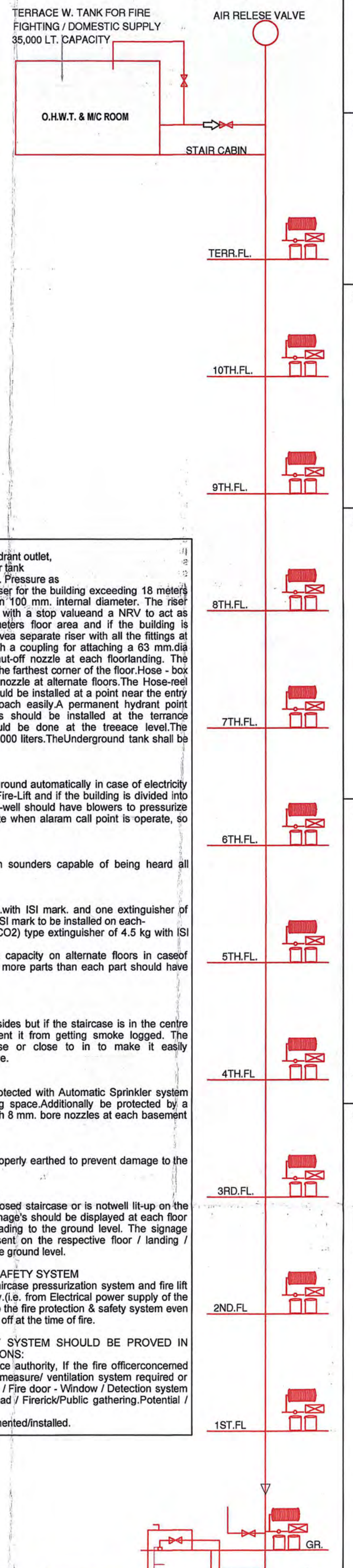
H -TYPE

GR. FL. BUILT UP AREA CALCU.								
BLOCK SIZE	20.26	X	14.92	X	1	=	302.28	SQ.MT
LESS.								
1	1.17	X	1.18	X	4	=	5.52	SQ.MT
2	1.17	X	0.91	X	2	=	2.13	SQ.MT
3	7.85	X	2.00	X	2	=	31.40	SQ.MT
4	1.17	X	3.10	X	2	=	7.25	SQ.MT
5	4.56	X	1.80	X	1	=	8.21	SQ.MT
					TOTAL	=	54.51	SQ.MT
GR.FL. BUILT UP AREA				=	302.28	-	54.51	SQ.MT
					TOTAL	=	247.77	SQ.MT
TY.FL. (1ST TO 10 TH) .BUILT UP AREA CALCU.								
BLOCK SIZE	20.26	X	14.92	X	1	=	302.28	SQ.MT
LESS.								
1	1.17	X	1.18	X	4	=	5.52	SQ.MT
3	7.85	X	2.00	X	2	=	31.40	SQ.MT
4	1.17	X	3.10	X	4	=	14.51	SQ.MT
5	4.56	X	1.80	X	1	=	8.21	SQ.MT
					TOTAL	=	59.64	SQ.MT
TY.FL. BUILT UP AREA				=	302.28	-	59.64	SQ.MT
					TOTAL	=	242.64	SQ.MT
TY. (1ST TO 10TH) FL. F.S.I. AREA CALC.								
TY.FL.BUILT UP AREA						=	242.64	SQ.MT.
LESS.								
A	4.56	X	3.10	X	1	=	14.14	SQ.MT
B	4.10	X	8.72	X	1	=	35.75	SQ.MT
C	4.56	X	1.30	X	1	=	5.93	SQ.MT
					TOTAL	=	55.82	SQ.MT
TY.FL. F.S.I. AREA				=	242.64	-	55.82	SQ.MT
TY.FL. F.S.I. AREA						=	186.82	SQ.MT
STAIR CABIN AREA CALCULATION								
1	4.56	X	9.53	X	1	=	43.46	SQ.MT
2	7.36	X	4.82	X	1	=	35.48	SQ.MT
					TOTAL	=	78.94	SQ.MT
O.H.W.T.	4.56	X	4.86	X	1	=	22.16	SQ.MT
LMR	7.36	X	4.82	X	1	=	35.48	SQ.MT
					TOTAL	=	57.64	SQ.MT

ELEVATION



SECTION - AA'



1. HYDRANT SYSTEM:
ON/OFF switches located near the hose reel house or hydrant outlet, at each floor the main FirePump at the underground water tank with a capacity to discharge 900 liters per minute at 3 bar. Pressure as measured at the terrace level should be installed.The Riser for the building exceeding 18 meters and above 18 meters height should not be of less than 100 mm. internal diameter. The riser should be connected to the bottom of the terrace tank with a stop valueand a NRV to act as Down-comer.One riser is required for every 1000sq.meters floor area and if the building is divided into,two or more parts than each part should havea separate riser with all the fittings at floor level.Each floor should haveone hydrant outlet with a coupling for attaching a 63 mm.dia hose & 25mm.bore Hose-reel hose with 8 mm.SS. Shut-off nozzle at each floorlanding. The length of the hose reel hose should be enough to reach the farthest corner of the floor.Hose - box with 15 meters long 63mm.dia.hose and 12.5mm. bore nozzle at alternate floors.The Hose-reel hose should be coupid to the Riser.Fire-service inlet should be installed at a point near the entry to thepremises where a Fire servise vehicle can approach easily.A permanent hydrant point comprising of 63mm.dia size 2nos of hydrant valves should be installed at the terrace level.Overhead tank Refilling bypass connection should be done at the treeace level.The Overhead tank shall be of a capacity of not less than 20,000 liters.TheUnderground tank shall be not less than 1,00,000 liters.

2. FIRE LIFT :
The Fire-Lift and all the lifts should have a provision to ground automatically in case of electricity failure. Each building should have at least one lift as a Fire-Lift and if the building is divided into two or more parts than each should havea Fire-Lift. Lift-well should have blowers to pressurize the lift-well so connectedthat it wall automatically operate when alaram call point is operate, so that it prevents the lift well getting smoke logged.

3.FIRE ALARM :
Fire alarm call point to be installed at each floor with sounders capable of being heard all throughout the building.

4.FIRE EXTINGUISHERS :
One Carbon Dioxide (CO2) type extinguisher of 4.5 kg.with ISI mark. and one extinguisher of 5kg. Dry Chemical Powder (DCP) type extinguisher with ISI mark to be installed on each-floor case of commercial building.One carbon Dioxide (CO2) type extinguisher of 4.5 kg with ISI mark. OR Two Carbon Dioxide (CO2) type extinguisher of 2kg. with ISI mark capacity on alternate floors in caseof residential building.If the building is divided into two or more parts than each part should have these extinguishers installed.

5. STAIRCASE :
The staircase has to be open from at least one or two sides but if the staircase is in the centre core of the building it has to be pressurized to prevent it from getting smoke logged. The Riser/Down-comer should be located in the staircase or close to in to make it easily approachable in case of Fire from the floor bellow or above.

6.BASEMENT:
The basement of 200 sq. meters or more should be protected with Automatic Sprinkler system with at least one sprinkler head for actual Car parking space.Additionally be protected by a Hydrant outlet and two 25 mm. bore Hose-reel hoses with 8 mm. bore nozzles at each basement level.

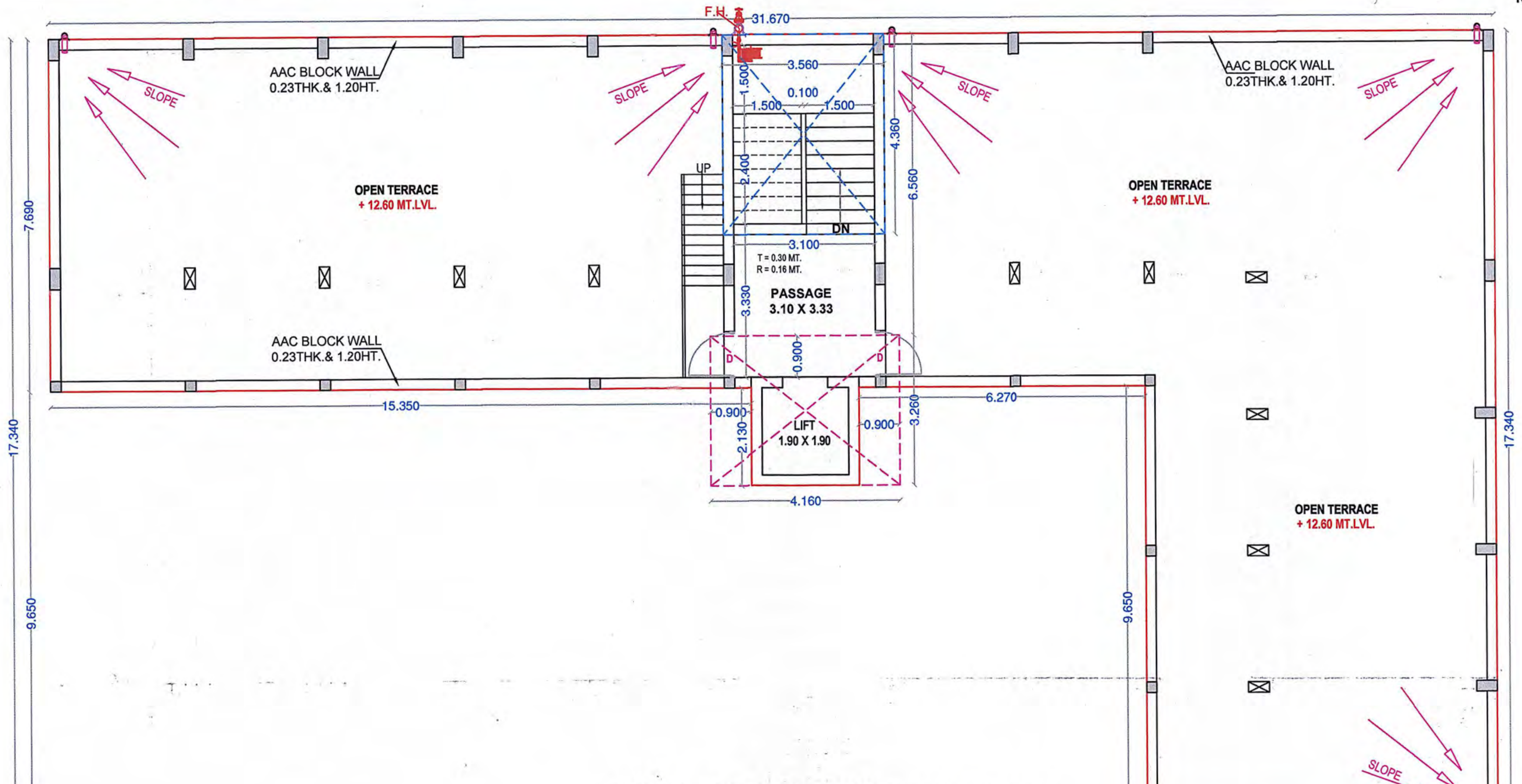
7.LIGHTENING ARRESTER :
A lightening arrester should also be installed and be properly earthed to prevent damage to the building when the lightening strikes.

8. PHOTO LUMINESCENT (AUTO GLOW) SIGNAGE'S:
If the building falls in a confined area or if it has an enclosed staircase or is notwell lit-up on the inside, than adequate photo luminescent (auto glow) signage's should be displayed at each floor / landing / pathway / dead-end along all exit routes leading to the ground level. The signage should indicate fire fighting, fire safely equipment present on the respective floor / landing / pathway / dead-end and along all exit routes leading to the ground level.

9.ELECTRIC POWER SUPPLY TO THE ENTIRE FIRE-SAFETY SYSTEM
Electricity supply to the fire pump, Fire alarm system, staircase pressurization system and fire lift should be made available from the main Electrical supply (i.e. from Electrical power supply of the company) This is to ensure availability of power supply to the fire protection & safety system even after the main Electrical supply to the building is switched off at the time of fire.

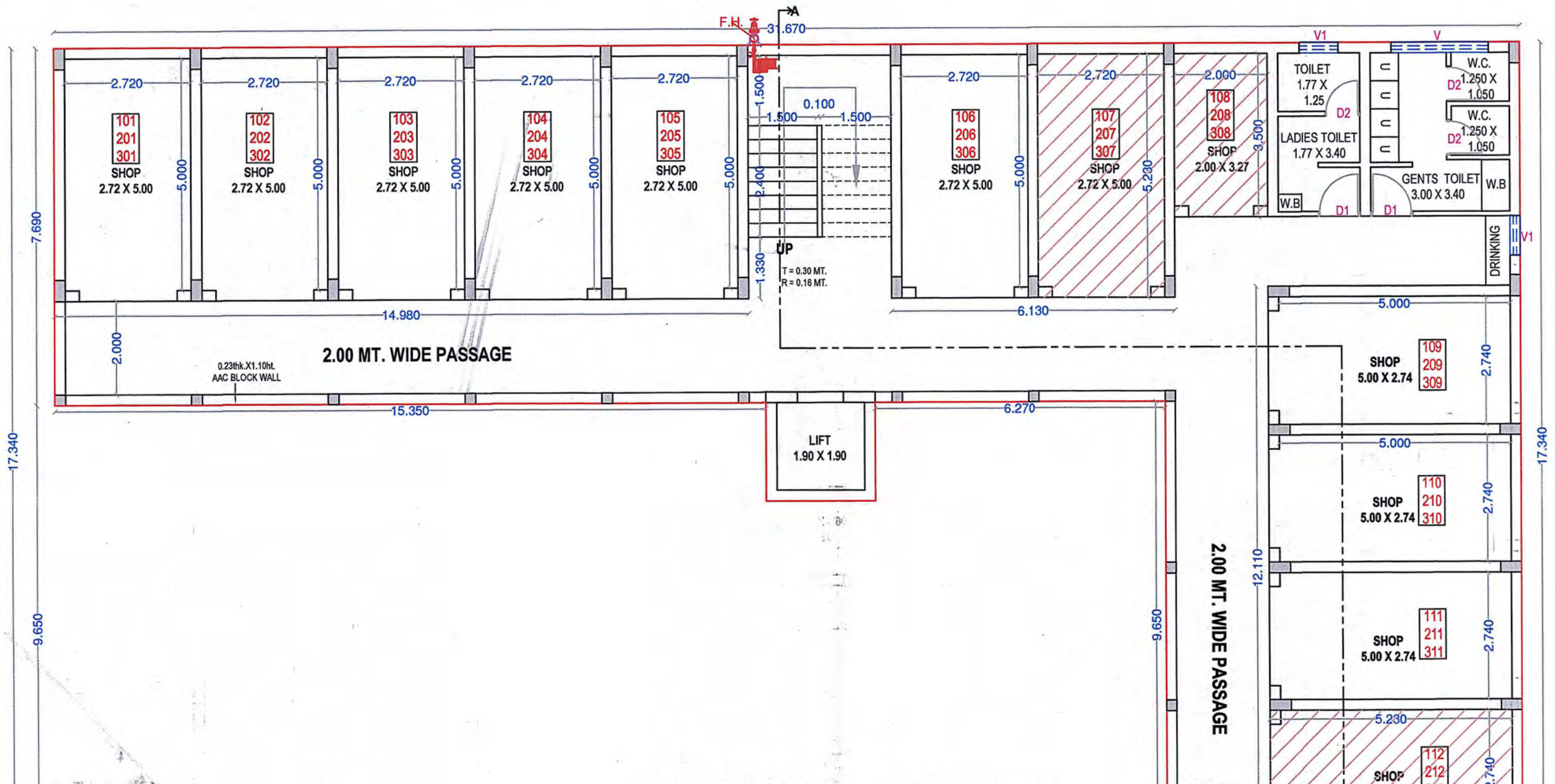
10. INDIVDUAL FIRE SAFETY SYSTEMFIRE SEFTY SYSTEM SHOULD BE PROVED IN IDVDUAL FLATS BY OWNER.IMPORTANT INSTRUCTIONS:
After inspection of a low-rise building by the f re service authority, If the fire officerconcerned feels the need for additional fire prevention / protection measure/ ventilation system required or equipment (i.e.- Passive system / Supperession sy stem / Fire door - Window / Detection system / Active system / Sprinkler /Drencher ect.) as per fire load / Firerick/Public gathering.Potential / Occupancy / confined area, those additional measures / equipment have to be implemented/installed.

REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.



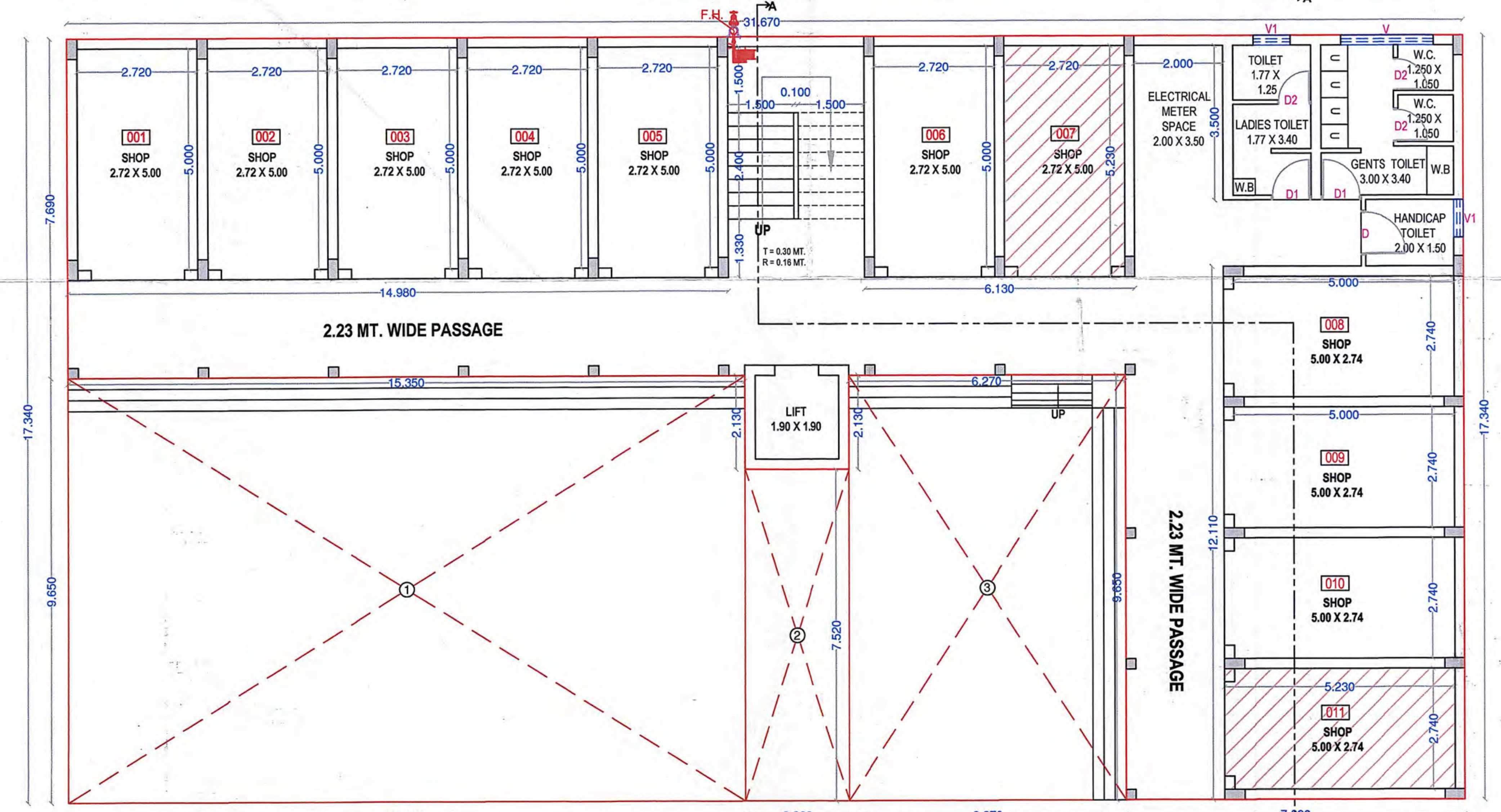
TERRACE FLOOR PLAN TER.FL.+ 12.60 MT.LVL.

15.350 2.360 6.270 7.690
31.670



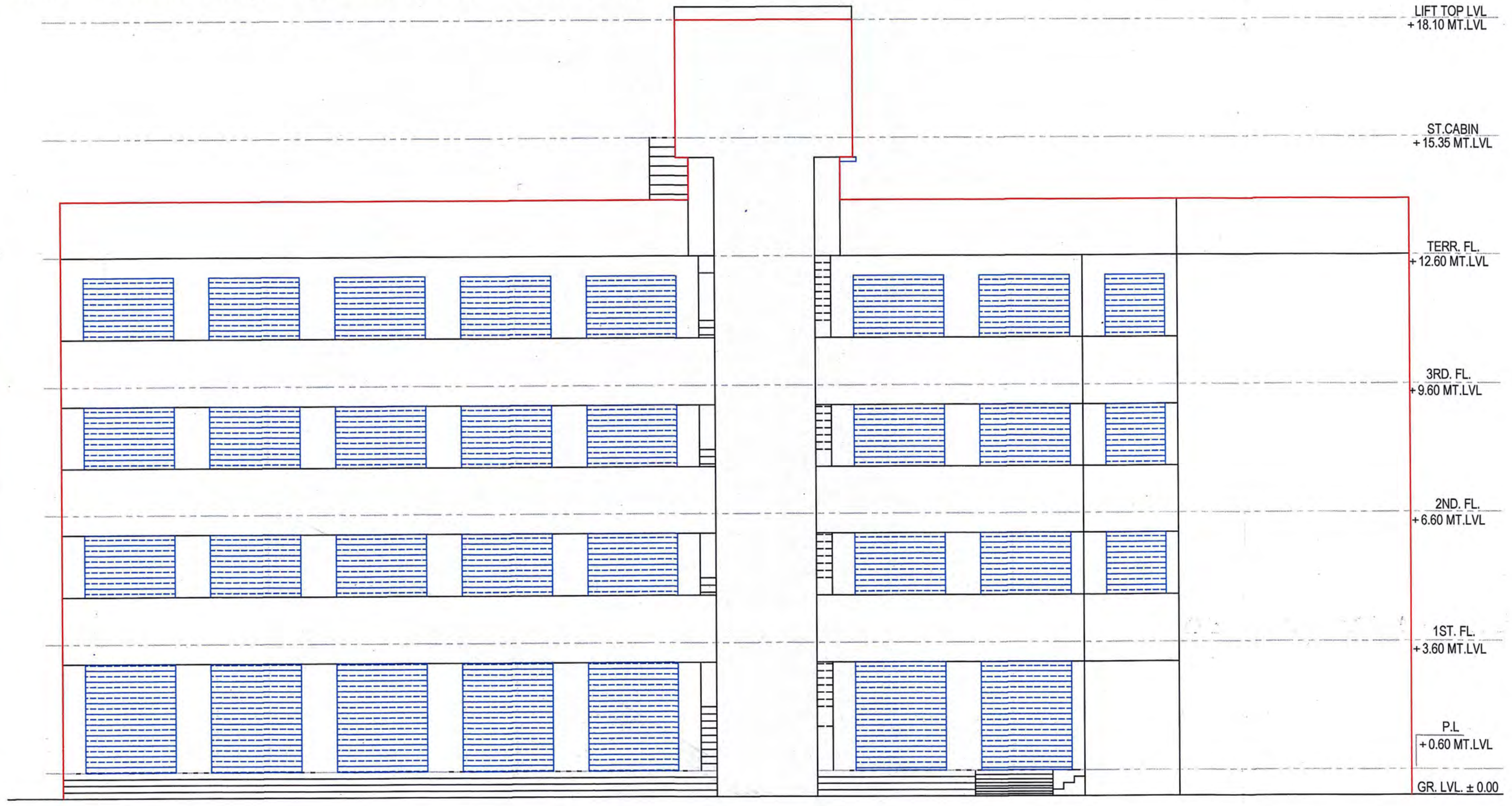
TYPICAL FLOOR PLAN (1ST. TO 3RD.FL.) 1ST.FL.+ 3.60 MT.LVL. 2ND.FL.+ 6.60 MT.LVL. 3RD.FL.+ 9.60 MT.LVL.

15.350 2.360 6.270 7.690
31.670

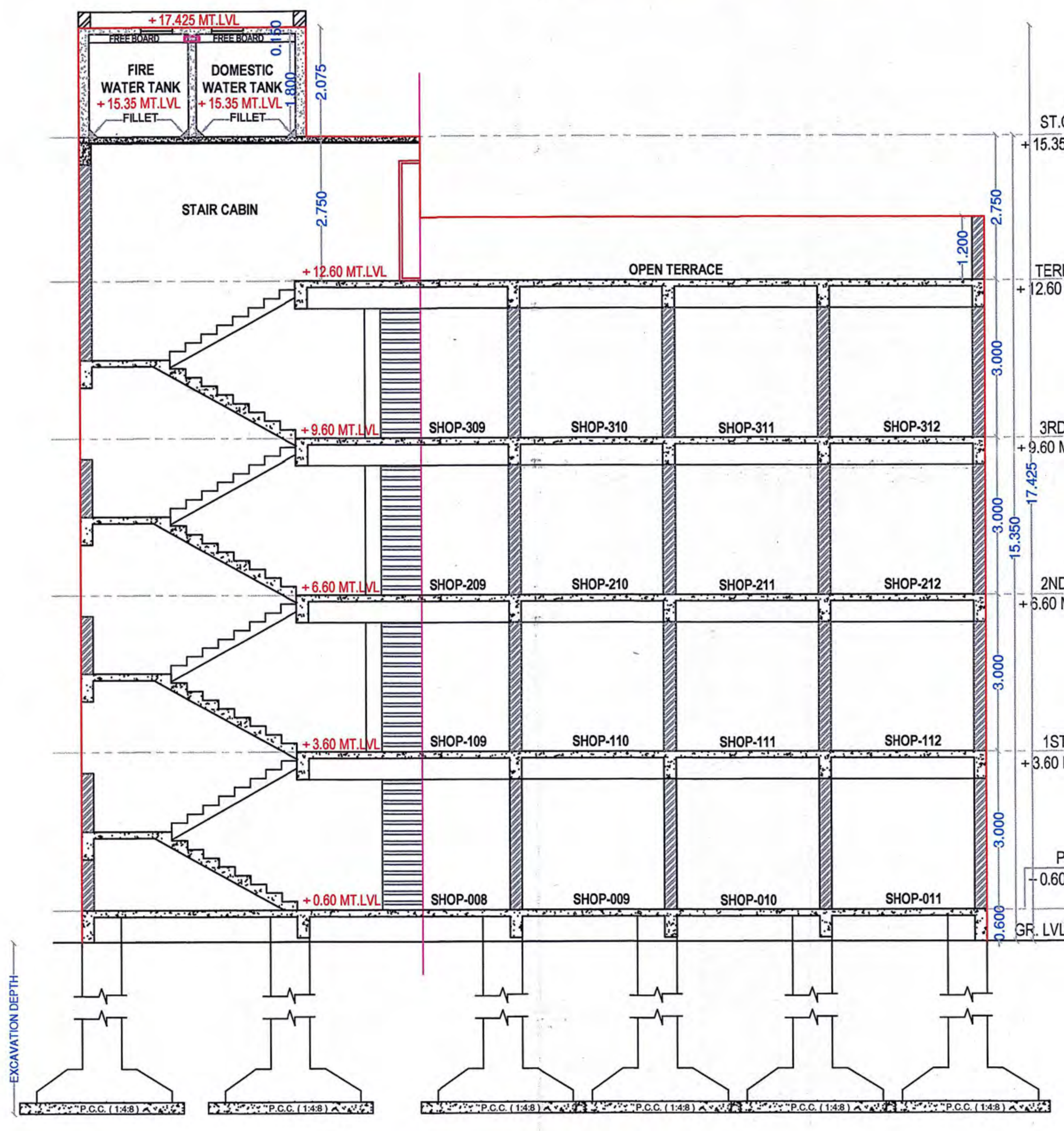


15.350 2.360 6.270 7.690
31.670

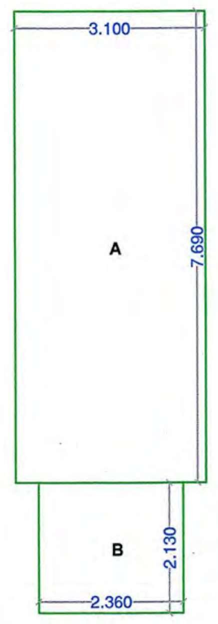
GROUND FLOOR PLAN GR.FL.+ 0.60 MT.LVL.



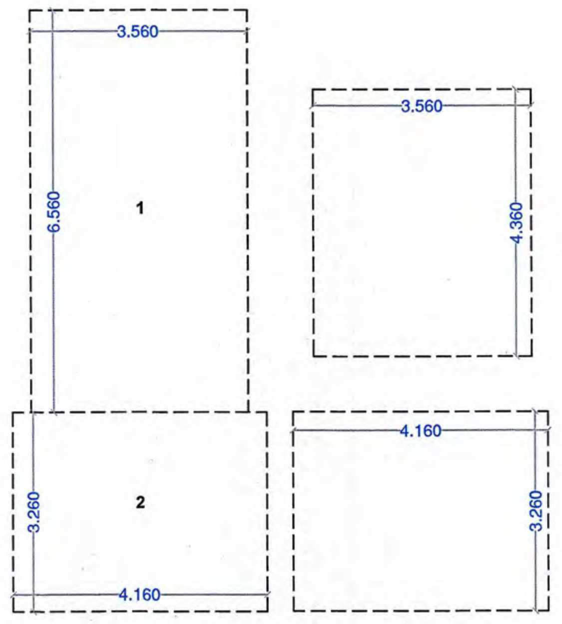
A- SIDE ELEVATION



SECTION - AA'



TY.FL. F.S.I (LESS)AREA DIAGRAM



STAIR CABIN & LIFT AREA DIAGRAM

SHOP CARPET AREA CALCULATION								
GR.FL.								
SHOP NO (001,002,003,004,005,006,007)								
1	2.720	X	5.230	X	1	=	14.230	SQ.MT
	=		14.230	X	7	=	**99.61**	SQ.MT
SHOP NO (008 ,009,010,011)								
1	5.230	X	2.740	X	1	=	14.330	SQ.MT
	=		14.330	X	4	=	**57.32**	SQ.MT
				TOTAL		=	**156.93**	SQ.MT
1ST TO 3RD FL.								
SHOP NO (101,201,301, 102,202,302, 103,203,303, 104,204,304, 105,205,305, 106,206,306, 107,207,307,)								
1	2.720	X	5.230	X	1	=	14.230	SQ.MT
	=		14.230	X	21	=	**298.83**	SQ.MT
SHOP NO (108,208,308)								
1	2.000	X	3.500	X	3	=	**21.00**	SQ.MT
SHOP NO (109,209,309, 110,210,310, 111,211,311, 112,212,312)								
1	5.230	X	2.740	X	1	=	14.330	SQ.MT
	=		14.330	X	12	=	**171.96**	SQ.MT
				TOTAL		=	**491.79**	SQ.MT

J -TYPE								
GR. FL& TY.(1ST TO 3RD) .BUILT UP AREA CALCU.								
BLOCK SIZE	31.67	X	17.34	X	1	=	549.16	SQ.MT
LESS.								
1	15.35	X	9.65	X	1	=	148.13	SQ.MT
2	2.36	X	7.52	X	1	=	17.75	SQ.MT
3	6.27	X	9.65	X	1	=	60.51	SQ.MT
					TOTAL	=	226.39	SQ.MT
GR.& TY.FL. BUILT UP AREA			=	549.16	-		226.39	SQ.MT
					TOTAL	=	**322.77**	SQ.MT
GR & TY. (1ST TO 3RD) FL. F.S.I. AREA CALC.								
TY.FL.BUILT UP AREA						=	322.77	SQ.MT.
LESS.								
A	3.10	X	7.69	X	1	=	23.84	SQ.MT
B	2.36	X	2.13	X	1	=	5.03	SQ.MT
					TOTAL	=	28.87	SQ.MT
TY.FL. F.S.I. AREA			=	322.77	-		28.87	
TY.FL. F.S.I. AREA						=	**293.90**	SQ.MT
STAIR CABIN AREA CALCULATION								
1	3.56	X	6.56	X	1	=	23.35	SQ.MT
2	4.16	X	3.26	X	1	=	13.56	SQ.MT
					TOTAL	=	**36.91**	SQ.MT
O.H.T.	3.56	X	4.36	X	1	=	15.52	SQ.MT
L.M.R	4.16	X	3.26	X	1	=	13.56	SQ.MT
					TOTAL	=	**29.08**	SQ.MT

REVISED DWG.

1 REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION. — SHHET NO. 6 / 7

2 SCALE: - 1.00 CM. = 1.00 MT. — J - TYPE

3

BUILT UP AREA /F.S.I AREA TABLE (J -TYPE)					
FLOOR	USE	NOS. OF SHOPS	FSI AREA	FLOOR AREA	BUILT UP
GR. FL.	COMM	11	293.90	293.90	322.77
1ST. FL.	COMM	12	293.90	293.90	322.77
2ND.FL.	COMM	12	293.90	293.90	322.77
3RD.FL.	COMM	12	293.90	293.90	322.77
STAIR CABIN	COMM	---	---	---	36.91
OHWT	COMM	---	---	---	29.08
TOTAL	---	47	1175.60	1175.60	1357.07

4

SCHEDULE OF OPENING		R.C.C. STAIR DETAIL
D 1.00 X 2.415 mt.	V 2.10 x 0.60 mt.	WIDTH = 1.50
D1 0.90 X 2.415 mt.	V1 0.85 X 0.60 mt.	TREAD = 0.30
D2 0.75 X 2.415 mt.		RISER = 0.16

5

COLOUR NOTATION	
PLOT BOUNDRY	
PROPOSED WORK SHOWN IN	
DRAINAGE LINE SHOWN IN	
RAIN WATER PIPE SHOWN IN	
ROAD SHOWN IN	

6

19/4/23
City Engineer (SP)
Rajkot Municipal Corporation

Deputy Executive Engineer
Housing Cell
Rajkot Municipal Corporation

OWNER 'S SIGNATURE

7

JAYESH A. DALAL
M.TECH, (Civil)
JALARAM SHAKTI,
Beside Dhawalgiri Appt.,
Near Lourds Convent School,
Athwalines, SURAT.
RMC / ER / 283
RMC / ST.DR. / 149

JAYESH A. DALAL PMC SURAT

ENGINEER SIGNATURE — ST. ENGINEER SIGNATURE

8

તા. ૨૯/૪/૨૦૦૧ ... શ્રીના હુકમના મુદ્દા નં.૭ મુજબ ... મુજબ ... માં ... સ્ટીલ ... દ્વારા પરીક્ષણ ... રીપોર્ટ કમ્પ્લીશન સર્ટીફીકેટ અરજી સાથે ફરજીયાતપણે સામેલ રાખવાના રહેશે

તમોએ કરેલ વિકાસ પરવાનગીની અરજી અન્વયે ફોમ નં. -૩ થી તમારા પરવાનેદારે ... પ્રમાણપત્ર મુજબ તમારી માં ... હદ માપ / ચતુર્સીમા જાળવીને બાંધકામ કરવાનું રહેશે. તેમાં ચુક થયે સંપુર્ણ જવાબદારી તમારી રહેશે.

The Boundaries of Plot shown on this Plan are subject to change and alteration by the Town Planning Officer T.P. Scheme, Rajkot.

હેવ.ઈ.નં. ૧૦૯	ર.ચી.નં. 09
તા. ૧૬/૧૨/૨૨	તા. 01/05/2023

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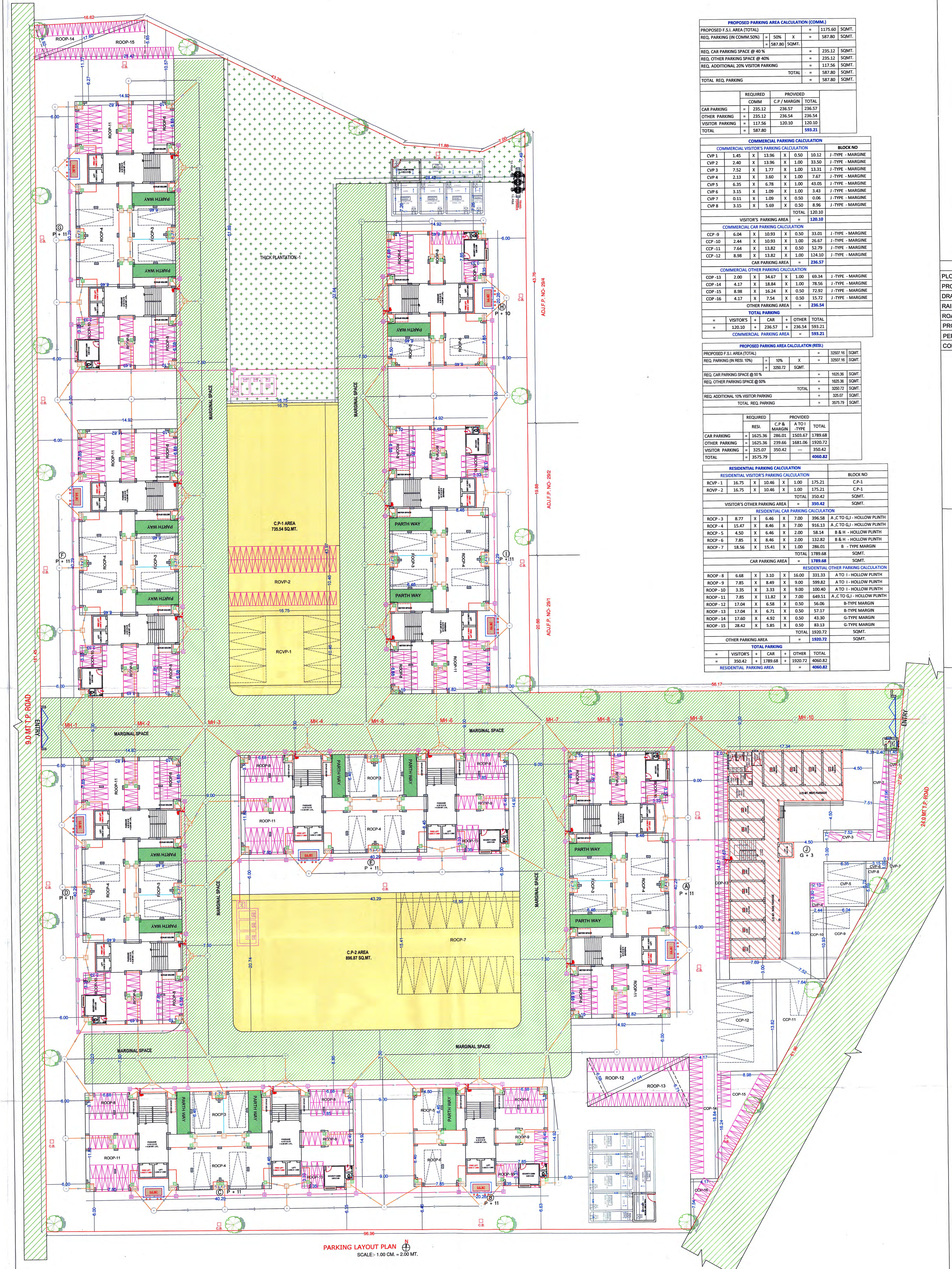
AE-AAE ASST. TOWN PLANNER
Rajkot Municipal Corp.

AUTHORITY

REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.),PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.



PROPOSED PARKING AREA CALCULATION (COMM.)						
PROPOSED F.S.I. AREA (TOTAL)				=	1175.60	SQMT.
REQ. PARKING (IN COMM.50%)	=	50%	X	=	587.80	SQMT.
	=	587.80	SQMT.			
REQ. CAR PARKING SPACE @ 40 %				=	235.12	SQMT.
REQ. OTHER PARKING SPACE @ 40%				=	235.12	SQMT.
REQ. ADDITIONAL 20% VISITOR PARKING				=	117.56	SQMT.
			TOTAL	=	587.80	SQMT.
TOTAL REQ. PARKING				=	587.80	SQMT.

		REQUIRED	PROVIDED	
		COMM	C.P / MARGIN	TOTAL
CAR PARKING	=	235.12	236.57	236.57
OTHER PARKING	=	235.12	236.54	236.54
VISITOR PARKING	=	117.56	120.10	120.10
TOTAL	=	587.80		593.21

COMMERCIAL PARKING CALCULATION							BLOCK NO
COMMERCIAL VISITOR'S PARKING CALCULATION							
CVP 1	1.45	X	13.96	X	0.50	10.12	J -TYPE - MARGINE
CVP 2	2.40	X	13.96	X	1.00	33.50	J -TYPE - MARGINE
CVP 3	7.52	X	1.77	X	1.00	13.31	J -TYPE - MARGINE
CVP 4	2.13	X	3.60	X	1.00	7.67	J -TYPE - MARGINE
CVP 5	6.35	X	6.78	X	1.00	43.05	J -TYPE - MARGINE
CVP 6	3.15	X	1.09	X	1.00	3.43	J -TYPE - MARGINE
CVP 7	0.11	X	1.09	X	0.50	0.06	J -TYPE - MARGINE
CVP 8	3.15	X	5.69	X	0.50	8.96	J -TYPE - MARGINE
					TOTAL	120.10	
VISITOR'S PARKING AREA					=	120.10	
COMMERCIAL CAR PARKING CALCULATION							
CCP -9	6.04	X	10.93	X	0.50	33.01	J -TYPE - MARGINE
CCP -10	2.44	X	10.93	X	1.00	26.67	J -TYPE - MARGINE
CCP -11	7.64	X	13.82	X	0.50	52.79	J -TYPE - MARGINE
CCP -12	8.98	X	13.82	X	1.00	124.10	J -TYPE - MARGINE
CAR PARKING AREA					=	236.57	
COMMERCIAL OTHER PARKING CALCULATION							
COP -13	2.00	X	34.67	X	1.00	69.34	J -TYPE - MARGINE
COP -14	4.17	X	18.84	X	1.00	78.56	J -TYPE - MARGINE
COP -15	8.98	X	16.24	X	0.50	72.92	J -TYPE - MARGINE
COP -16	4.17	X	7.54	X	0.50	15.72	J -TYPE - MARGINE
OTHER PARKING AREA					=	236.54	
TOTAL PARKING							
=	VISITOR'S	+	CAR	+	OTHER	TOTAL	
=	120.10	+	236.57	+	236.54	593.21	
COMMERCIAL PARKING AREA					=	593.21	

PROPOSED PARKING AREA CALCULATION (RESI.)						
PROPOSED F.S.I. AREA (TOTAL)				=	32507.16	SQMT.
REQ. PARKING (IN RESI. 10%)	=	10%	X	=	32507.16	SQMT.
	=	3250.72	SQMT.			
REQ. CAR PARKING SPACE @ 50 %				=	1625.36	SQMT.
REQ. OTHER PARKING SPACE @ 50%				=	1625.36	SQMT.
			TOTAL	=	3250.72	SQMT.
REQ. ADDITIONAL 10% VISITOR PARKING				=	325.07	SQMT.
TOTAL REQ. PARKING				=	3575.79	SQMT.

		REQUIRED	PROVIDED		
		RESI.	C.P & MARGIN	A TO I -TYPE	TOTAL
CAR PARKING	=	1625.36	286.01	1503.67	1789.68
OTHER PARKING	=	1625.36	239.66	1681.06	1920.72
VISITOR PARKING	=	325.07	350.42	---	350.42
TOTAL	=	3575.79			4060.82

RESIDENTIAL PARKING CALCULATION							
RESIDENTIAL VISITOR'S PARKING CALCULATION							BLOCK NO
RCVP - 1	16.75	X	10.46	X	1.00	175.21	C.P-1
ROVP - 2	16.75	X	10.46	X	1.00	175.21	C.P-1
					TOTAL	350.42	SQMT.
VISITOR'S OTHER PARKING AREA					=	350.42	SQMT.
RESIDENTIAL CAR PARKING CALCULATION							
ROCP - 3	8.77	X	6.46	X	7.00	396.58	A ,C TO G,I - HOLLOW PLINTH
ROCP - 4	15.47	X	8.46	X	7.00	916.13	A ,C TO G,I - HOLLOW PLINTH
ROCP - 5	4.50	X	6.46	X	2.00	58.14	B & H - HOLLOW PLINTH
ROCP - 6	7.85	X	8.46	X	2.00	132.82	B & H - HOLLOW PLINTH
ROCP - 7	18.56	X	15.41	X	1.00	286.01	B - TYPE MARGIN
					TOTAL	1789.68	SQMT.
CAR PARKING AREA					=	1789.68	SQMT.
RESIDENTIAL OTHER PARKING CALCULATION							
ROOP - 8	6.68	X	3.10	X	16.00	331.33	A TO I - HOLLOW PLINTH
ROOP - 9	7.85	X	8.49	X	9.00	599.82	A TO I - HOLLOW PLINTH
ROOP - 10	3.35	X	3.33	X	9.00	100.40	A TO I - HOLLOW PLINTH
ROOP - 11	7.85	X	11.82	X	7.00	649.51	A ,C TO G,I - HOLLOW PLINTH
ROOP - 12	17.04	X	6.58	X	0.50	56.06	B-TYPE MARGIN
ROOP - 13	17.04	X	6.71	X	0.50	57.17	B-TYPE MARGIN
ROOP - 14	17.60	X	4.92	X	0.50	43.30	G-TYPE MARGIN
ROOP - 15	28.42	X	5.85	X	0.50	83.13	G-TYPE MARGIN
					TOTAL	1920.72	SQMT.
OTHER PARKING AREA					=	1920.72	SQMT.
TOTAL PARKING							
=	VISITOR'S	+	CAR	+	OTHER	TOTAL	
=	350.42	+	1789.68	+	1920.72	4060.82	
RESIDENTIAL PARKING AREA					=	4060.82	

PARKING LAYOUT PLAN
SCALE:- 1.00 CM. = 2.00 MT.

REVISED DWG.

REVISED E.W.S -II TYPE HOUSING AT F.P.- 12 B, (S.E.W.S.H.), PRELIMINARY T.P.-19, FOR RAJKOT MUNICIPAL CORPORATION.

SHEET NO. 7/7

COLOUR NOTATION	
PLOT BOUNDRY	
PROPOSED WORK SHOWN IN	
DRAINAGE LINE SHOWN IN	
RAIN WATER PIPE SHOWN IN	
ROAD SHOWN IN	
PROPOSED WORK	
PERCOLATION BORE WELL	P.W
COMMUNITY BIN	C.B.

City Engineer (SP)
Rajkot Municipal Corporation

Deputy Executive Engineer
Housing Cell
Rajkot Municipal Corporation

OWNER 'S

JAYESH A. DALAL
M.TECH, (Civil)
JALARAM SHAKTI,
Beside Dhawalgiri Appt.,
Near Leurds Convent School,
Athwalines, SURAT.
RMC / ER / 283
RMC / ST.DR. / 149

JAYESH A. DALAL RMC SURAT

ENGINEER

ST. ENGINEER

અગત્યની સૂચના :-
તા. ૨૯/૫/૨૦૦૧ [illegible] શ્રીના હુકમના મુદ્દા નં.૭ મુજબ [illegible] મુજબ [illegible] સ્ટીલ પરીક્ષણ [illegible] દ્વારા સર્ટીફીકેટ અરજી સાથે ફરજીયાતપણે સામેલ રાખવાના રહેશે.

તમોએ કરેલ વિકાસ પરવાનગીની અરજી અન્વયે ફોર્મ નં.-૩ થી તમારા પરવાનેદારે [illegible] પ્રમાણપત્ર મુજબ તમારી માલિકીની જમીનના હદ માપ / ચતુર્સીમા જાળવીને બાંધકામ કરવાનું રહેશે. તેમાં ચુક થયે સંપુર્ણ જવાબદારી તમારી રહેશે.

The Boundaries of Plot shown on this plan are subject to change and alteration by the Town Planning Officer T.P. Scheme, Rajkot.

ડેવ.ઈ.નં.૧૦૮	ર.ચી.નં. 09
તા. ૧૬/૧૨/૨૨	તા.01/05/2023

OWNER'S COPY APPROVED
AE-AAE ASST. TOWN PLANNER
Rajkot Municipal Corpo...

AUTHORITY