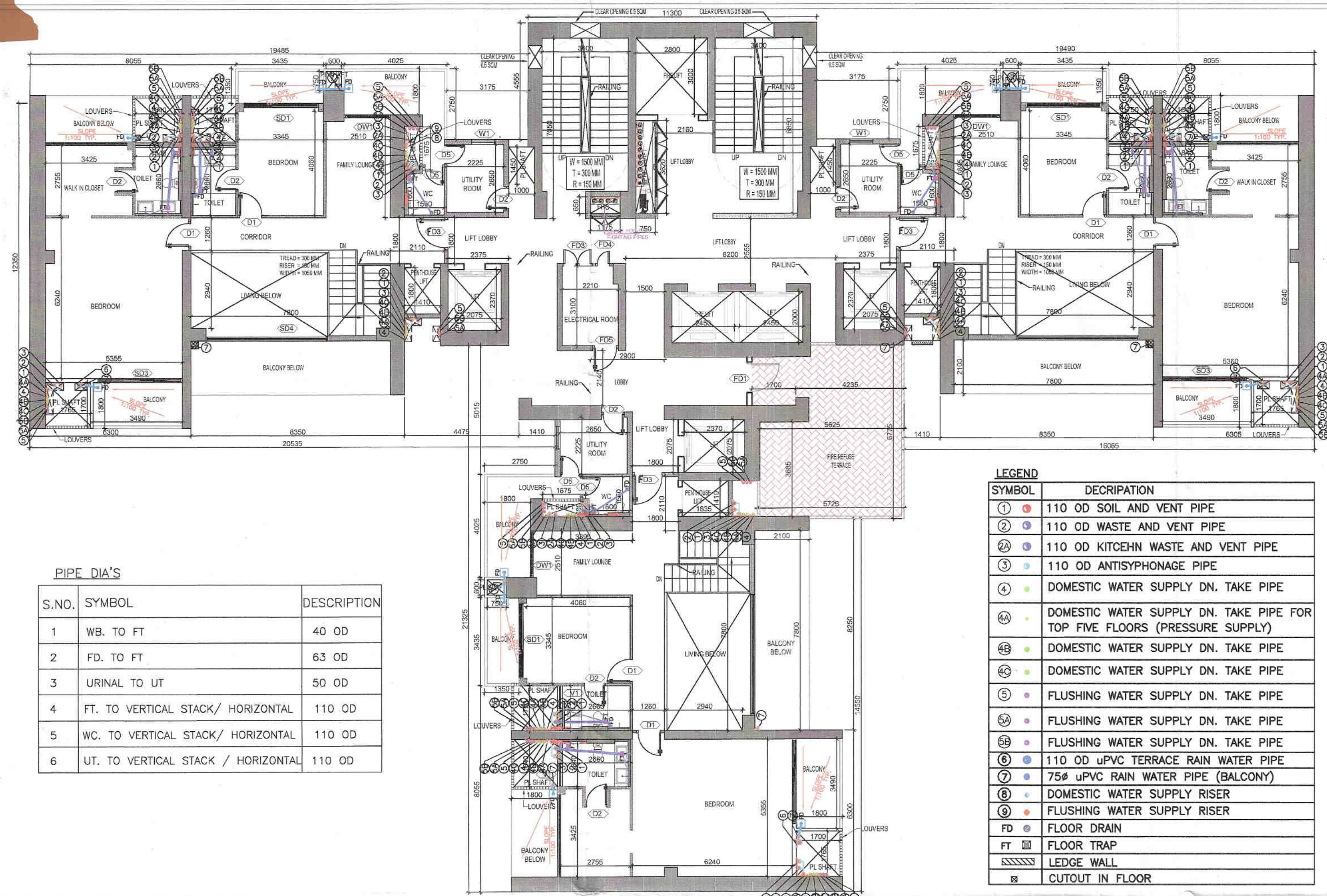
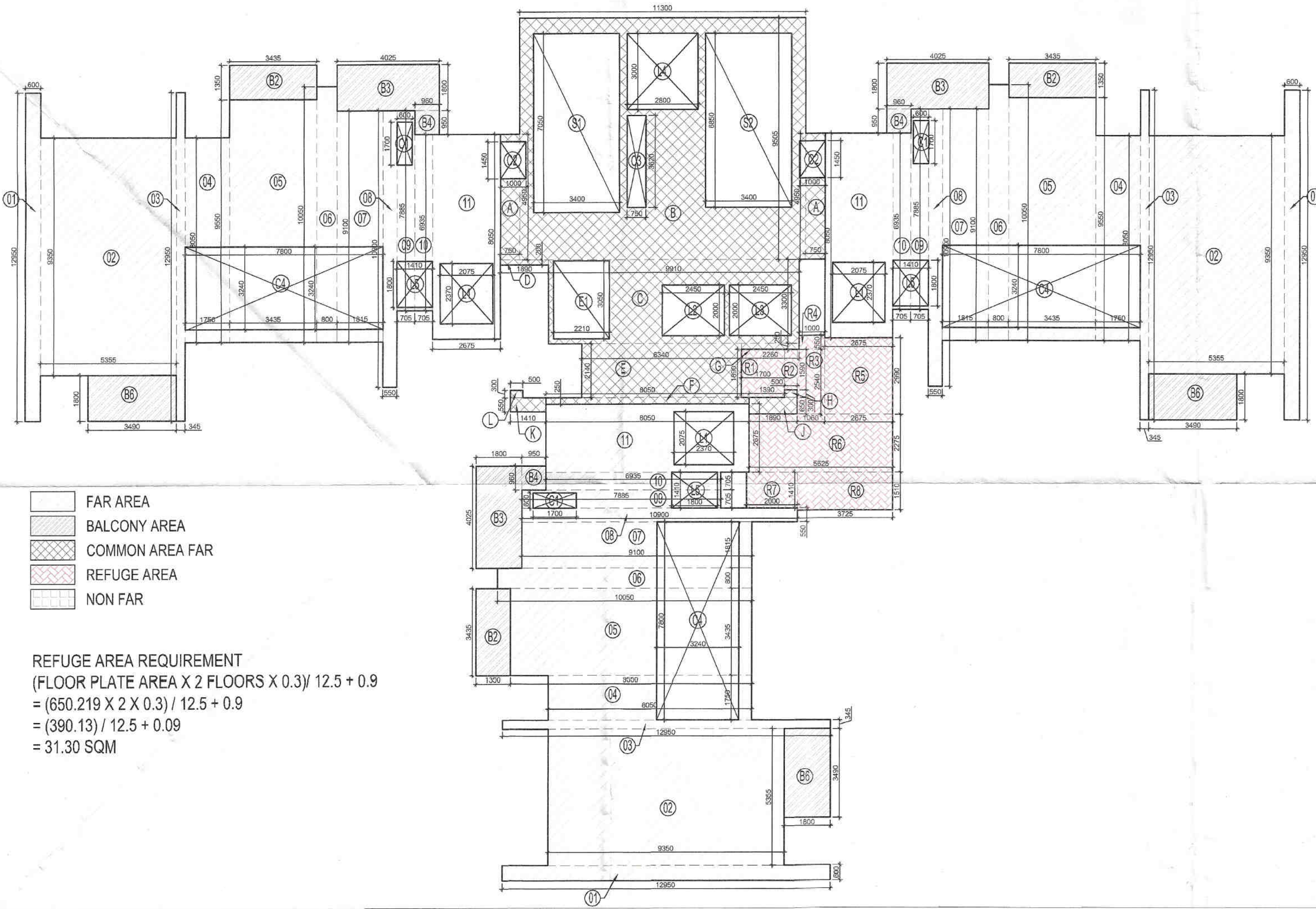




S.NO.	SYMBOL	DESCRIPTION
1	WB. TO FT	40 OD
2	FD. TO FT	63 OD
3	URINAL TO UT	50 OD
4	FT. TO VERTICAL STACK/ HORIZONTAL	110 OD
5	WC. TO VERTICAL STACK/ HORIZONTAL	110 OD
6	UT. TO VERTICAL STACK / HORIZONTAL	110 OD

LEGEND	
SYMBOL	DESCRIPTION
① 	110 OD SOIL AND VENT PIPE
② 	110 OD WASTE AND VENT PIPE
③ 	110 OD KITCHEN WASTE AND VENT PIPE
④ 	110 OD ANTISYPHONAGE PIPE
⑤ 	DOMESTIC WATER SUPPLY DN. TAKE PIPE
⑥ 	DOMESTIC WATER SUPPLY DN. TAKE PIPE FOR TOP FIVE FLOORS (PRESSURE SUPPLY)
⑦ 	DOMESTIC WATER SUPPLY DN. TAKE PIPE
⑧ 	DOMESTIC WATER SUPPLY DN. TAKE PIPE
⑨ 	FLUSHING WATER SUPPLY DN. TAKE PIPE
⑩ 	FLUSHING WATER SUPPLY DN. TAKE PIPE
⑪ 	FLUSHING WATER SUPPLY DN. TAKE PIPE
⑫ 	110 OD uPVC TERRACE RAIN WATER PIPE
⑬ 	75ø uPVC RAIN WATER PIPE (BALCONY)
⑭ 	DOMESTIC WATER SUPPLY RISER
⑮ 	FLUSHING WATER SUPPLY RISER
FD 	FLOOR DRAIN
FT 	FLOOR TRAP
	LEDGE WALL
	CUTOUT IN FLOOR


$$\begin{aligned} & \text{REFUGE AREA REQUIREMENT} \\ & (\text{FLOOR PLATE AREA} \times 2 \text{ FLOORS} \times 0.3) / 12.5 + 0.9 \\ & = (650.219 \times 2 \times 0.3) / 12.5 + 0.9 \\ & = (390.13) / 12.5 + 0.9 \\ & = 31.30 \text{ SQM} \end{aligned}$$

TOWER - T-7 & T8						
PENTHOUSE UPPER LEVEL UNIT FAR AREA						
S.NO.	PARTICULARS					AREA (SQMT)
1	1	X	0.600	X	12.350	= 7.410
2	1	X	5.355	X	9.350	= 50.069
3	1	X	12.350	X	0.345	= 4.261
4	1	X	1.750	X	8.050	= 14.086
5	1	X	3.435	X	9.550	= 32.804
6	1	X	0.800	X	10.050	= 8.040
7	1	X	1.815	X	9.100	= 16.517
8	1	X	0.550	X	10.900	= 5.995
9	1	X	0.705	X	7.885	= 5.569
10	1	X	0.705	X	6.935	= 4.889
11	1	X	2.675	X	6.050	= 21.534
TOTAL						= 171.165
DEDUCTION						
C1	1	X	0.600	X	1.700	= 1.020
C4	1	X	7.890	X	3.240	= 25.272
L1	1	X	2.075	X	2.370	= 4.916
L5	1	X	1.410	X	1.800	= 2.536
TOTAL DEDUCTION						= 33.748
TOTAL UNIT FAR AREA						= 137.417
BALCONY						
B2	1	X	3.435	X	1.350	= 4.637
B3	1	X	4.025	X	1.800	= 7.245
B4	1	X	0.960	X	0.950	= 0.912
B6	1	X	3.490	X	1.500	= 5.235
TOTAL BALCONY AREA						= 18.029

TOWER - T-7 & T8						
PENTHOUSE UPPER LEVEL COMMON FAR AREA						
S.NO.	PARTICULARS					AREA (SQMT)
A	2	X	4.950	X	0.750	= 7.425
B	1	X	11.300	X	9.505	= 107.407
C	1	X	9.910	X	3.300	= 32.703
D	1	X	1.890	X	0.200	= 0.378
E	1	X	6.340	X	2.140	= 13.588
F	1	X	8.050	X	0.250	= 2.013
G	1	X	2.260	X	0.250	= 0.585
H	1	X	0.500	X	0.300	= 0.150
J	1	X	1.890	X	0.650	= 1.229
K	1	X	1.410	X	0.550	= 0.776
L	1	X	0.500	X	0.300	= 0.150
TOTAL						= 166.362
DEDUCTION						
L2	1	X	2.450	X	2.000	= 4.900
L3	1	X	2.450	X	2.000	= 4.900
L4	1	X	2.800	X	3.000	= 8.400
S1	1	X	3.400	X	7.050	= 23.970
S2	1	X	3.400	X	6.850	= 23.290
C2	2	X	1.000	X	1.450	= 2.900
C3	1	X	0.750	X	3.620	= 2.715
E1	1	X	2.210	X	3.050	= 6.741
TOTAL DEDUCTION						= 77.816
TOTAL COMMON AREA FAR						= 88.546

UNIT FAR IN FLOOR = 3 NOS OF UNIT	=	412.252
COMMON AREA FAR	=	88.546
TOTAL FAR AREA IN FLOOR	=	500.798
UNIT BUILT UP AREA IN FLOOR X 3 NOS OF UNIT	=	486.340
COMMON BUILT UP AREA IN FLOOR	=	142.547
TOTAL BUILT UP AREA IN FLOOR(UNIT+COMMON)	=	608.886
FIRE REFUSE BUILT UP AREA	=	36.490
TOTAL BUILT UP AREA	=	645.377

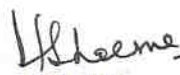
PENTHOUSE UPPER FLOOR LEVEL
41ST FLOOR - +152400MM F.F.L.

TOWER - T7 & T8						
PENTHOUSE UPPER LEVEL UNIT BUILTUP AREA						
S.NO.			PARTICULARS			AREA (SQ.MT)
1	1	X	0.600	X	12.950	= 7.770
2	1	X	5.355	X	9.350	= 50.069
3	1	X	12.950	X	0.345	= 4.468
4	1	X	1.750	X	8.050	= 14.088
5	1	X	3.435	X	9.550	= 32.804
6	1.	X	0.800	X	10.050	= 8.040
7	1	X	1.815	X	9.100	= 16.517
8	1	X	0.550	X	10.900	= 5.995
9	1	X	0.705	X	7.885	= 5.559
10	1	X	0.705	X	6.935	= 4.889
11	1	X	2.675	X	8.050	= 21.534
B2	1	X	3.435	X	1.350	= 4.637
B3	1	X	4.025	X	1.800	= 7.245
B4	1	X	0.960	X	0.950	= 0.912
B6	1	X	3.490	X	1.800	= 6.282
TOTAL						= 190.808
DEDUCTION						
C1	1	X	0.500	X	1.700	= 1.020
C4	1	X	7.800	X	3.240	= 25.272
L1	1	X	2.075	X	2.370	= 4.918
L5	1	X	1.410	X	1.800	= 2.538
TOTAL						= 33.748
TOTAL UNIT BUILT UP AREA						= 157.061

TOWER - T7 & T8						
PENTHOUSE UPPER LEVEL COMMON BUILTUP AREA						
S.NO.	PARTICULARS					AREA (SQMT)
A	2	X	4.950	X	0.750	= 7.425
B	1	X	11.300	X	9.505	= 107.407
C	1	X	9.910	X	3.300	= 32.703
D	1	X	1.890	X	0.200	= 0.378
E	1	X	6.340	X	2.140	= 13.568
F	1	X	8.050	X	0.250	= 2.013
G	1	X	2.260	X	0.250	= 0.568
H	1	X	0.500	X	0.300	= 0.150
J	1	X	1.890	X	0.650	= 1.229
K	1	X	1.410	X	0.550	= 0.776
L	1	X	0.500	X	0.300	= 0.150
TOTAL						= 166.362
DEDUCTION						
L2	1	X	2.450	X	2.000	= 4.900
L3	1	X	2.450	X	2.000	= 4.900
L4	1	X	2.800	X	3.000	= 8.400
C2	2	X	1.000	X	1.450	= 2.900
C3	2	X	0.750	X	3.620	= 2.715
TOTAL						= 23.815
TOTAL COMMON AREA BUILT UP						= 142.547

TOWER - T7 & T8						
PENTHOUSE UPPER LEVEL FIRE REFUGE BUILTUP AREA						
S.NO	PARTICULARS					AREA (SQMT)
R1	1	X	1.700	X	1.890	= 3.213
R2	1	X	0.500	X	1.590	= 0.795
R3	1	X	1.060	X	2.540	= 2.662
R4	1	X	1.000	X	0.550	= 0.550
R5	1	X	2.675	X	2.990	= 7.996
R6	1	X	5.625	X	2.275	= 12.797
R7	1	X	2.000	X	1.410	= 2.820
R8	1	X	3.725	X	1.510	= 5.625
TOTAL FIRE REFUGE BUILTUP AREA						= 36.490

DOORS & WINDOWS OPENING SCHEDULE							
S NO	TYPE	WIDTH	HEIGHT	SILL LVL.	LINTEL LVL.	LOCATIONS	
1	D1	1000	2800	±0.00	+2800	BEDROOM	
2	D2	900	2900	±0.00	+2800	TOILET	
3	FD3	1250	2800	±0.00	+2800	ENTRANCE	
4	D3'	1250	2800	±0.00	+2800	ENTRANCE	
5	D4	750	2800	±0.00	+2800	TOILET	
6	D5	800	2800	±0.00	+2800	TOILET	
7	SD1	2945	2800	±0.00	+2800	BEDROOM -1,4	
8	SD2	3215	2800	±0.00	+2800	BEDROOM - 2	
9	SD3	3300	2800	±0.00	+2800	BEDROOM - 3	
10	SD4	6670	2800	±0.00	+2800	DRAWING ROOM	
11	DW1	900+700	2800/1550	±0.00/+1250	+2800	KITCHEN	
12	DW2	3335	2800	±0.00	+2800	LOBBY	
13	W1	900	1900	+900	+2800	BEDROOM	
14	W2	1500	1900	+900	+2800	STAIRCASE	
15	V1	600	1550	+1250	+2800	TOILET	
16	V2	900	1550	+1250	+2800	TOILET	
17	V3	450	1550	+1250	+2800	TOILET	
18	FD1	1200	2800	±0.00	+2800	STAIRCASE	2 HOUR FIRE RATED
19	FD2	1000	2100	±0.00	+2100	TERRACE	2 HOUR FIRE RATED
20	FD3	1200	2800	±0.00	+2800	ELECTRICAL ROOM	2 HOUR FIRE RATED
21	FD4	600	2800	±0.00	+2800	ELECTRICAL ROOM	2 HOUR FIRE RATED
22	Fd5	1000	2800	±0.00	+2800	ELECTRICAL ROOM	2 HOUR FIRE RATED
23	FD6	1500	2800	±0.00	+2800	FIRE STAIRCASE	2 HOUR FIRE RATED


 S.T.P. (HQ)
 Member Secretary
 B.P.A.C.


 S.T.P. (G)
 Member
 B.P.A.C.


 C.P. (HQ)
 Chairman
 B.P.A.C.


 DTP (HQ)


 ATP (HQ)


 JD.


 P.A.


 A.T.P.


 DTP (T)
 MEMBER
 BPAC


 (Dinesh Kumar)
 PA(HQ)

Checked and forwarded for Public Health
 (Internal) Service _____ subject to comments in
 in forwarding letter No. 99381 _____ Dtd 19/04/2024


 Superintending Engineer (HQ)
 for Chief Engineer-I
 HSVP, Panchkula

REVISION	DATE	DESCRIPTION	BY
THIS DRAWING IS A "COPYRIGHT" CONTENT OF THIS DRAWING OR PART THERE OF MAY NOT BE USED OR REPRODUCED WITHOUT THE PERMISSION OF THE ARCHITECT.			

FOR SITE CO-ORDINATION	☐
FOR TENDER PURPOSE	☐
FOR APPROVAL ONLY	☒
FOR ADVANCE COPY	☐
GOOD FOR CONSTRUCTION	☐

KEYPLAN

CLIENT _____

Proposed Group Housing colony measuring 22.50 Acres (Licence no. 9 of 2010 dated 23.01.2010) in Sec.-71, Gurugram Manesar urban complex being developed by Signature Global India Ltd., 13th Floor, Dr. Gopal Das Bhavan, 28 Barakhamba Road, Connaught Place, New Delhi, 110001.

DATE	PROJECT INCHARGE	CHECKED BY
SCALE 1:100	DEALT BY	APPROVED BY

DRAWING TITLE

TOWER T7,T8
PENTHOUSE (UPPER LEVEL) - 41ST FLOOR

CONSULTANTS	
STRUCTURE :	VINTECH CONSULTANTS
MEP :	SANELAC CONSULTANTS PVT LTD
LANDSCAPE :	NMP DESIGN

ARCHITECT:

Confluence
NEW DELHI, INDIA

F - 1, FIRST FLOOR, MIRA CORPORATE SUITES,
ISHWAR NAGAR Ph: +91-11-26925604 ccs@inconfuence.com Member of IGBC
N.D. - 65, INDIA Ph: +91-11-40564788 www.inconfuence.com ISO - 9001 : 2000

architecture urban design hospitality interiors

DRAWING NO. S-31	REVISION R0
---------------------	----------------

ARCHITECTURE