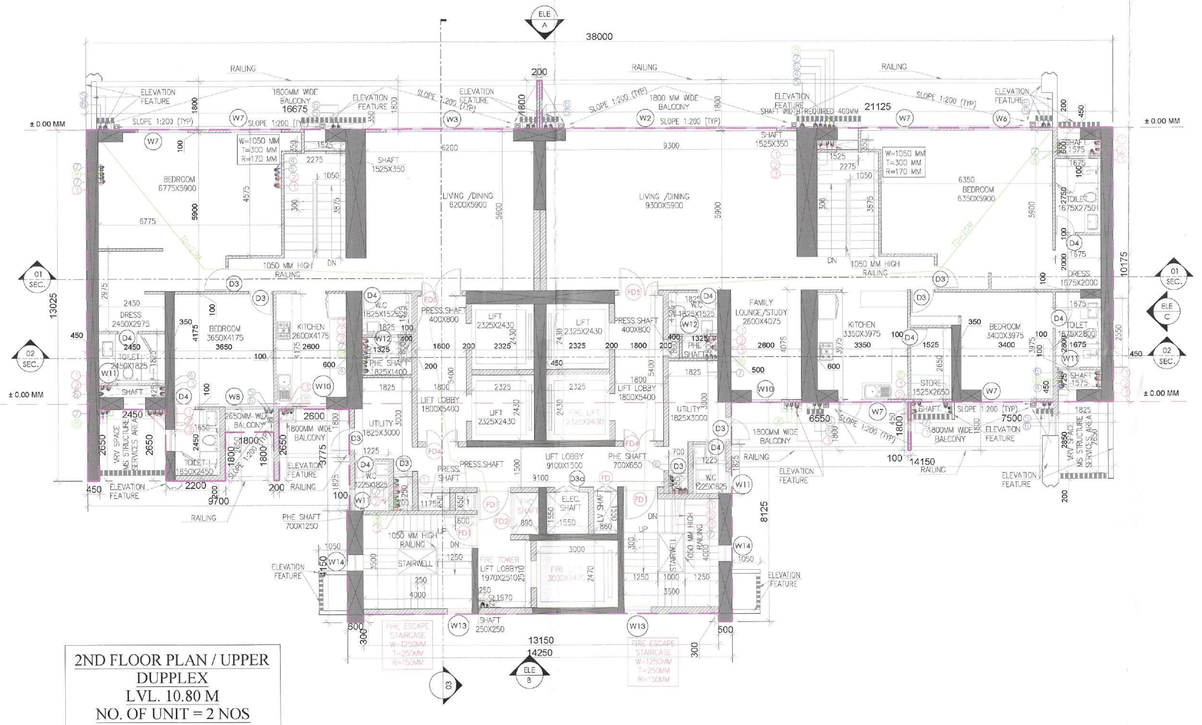
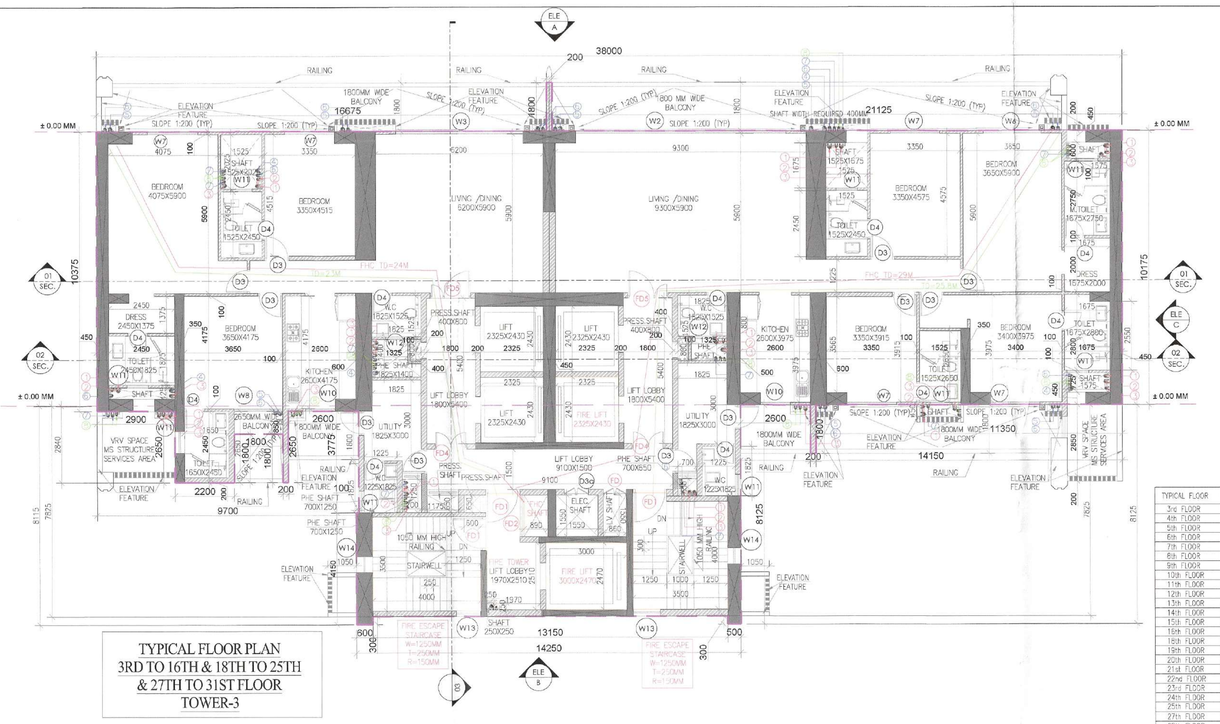
Drawing No:- 12



2ND FLOOR PLAN / UPPER DUPPLEX
LVL. 10.80 M
NO. OF UNIT = 2 NOS
TOWER - 3

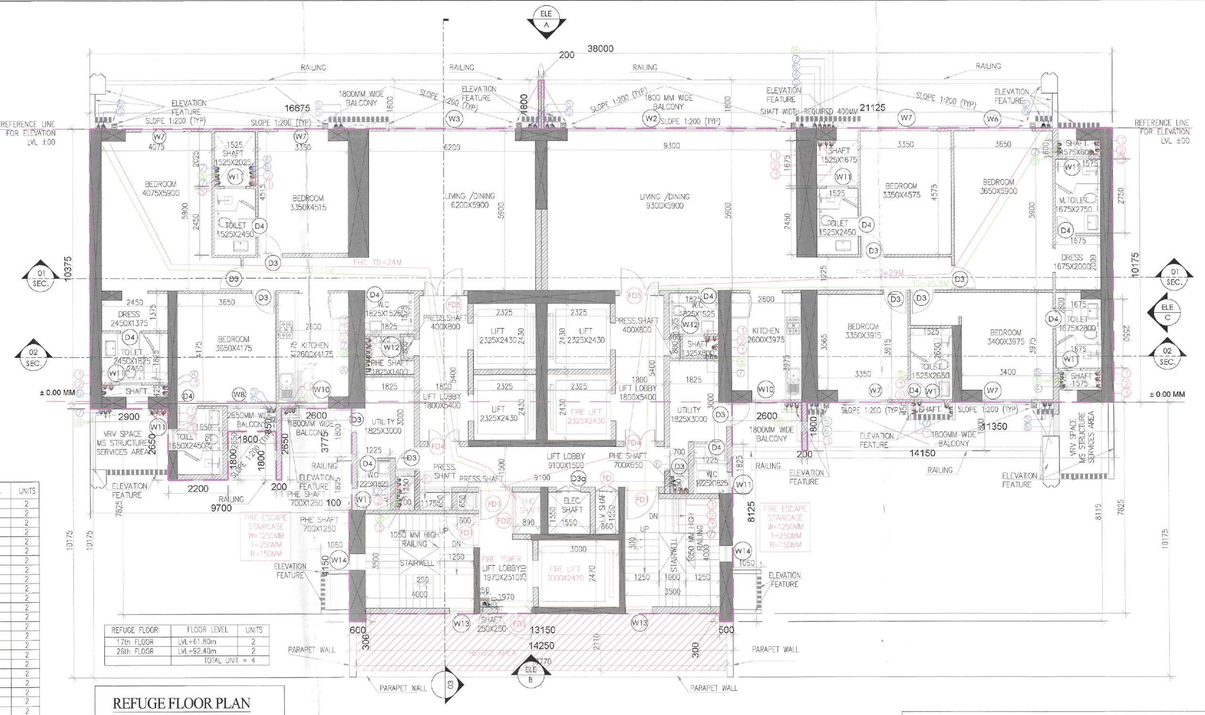
1100 MM HIGH RAILING (BELOW 70 M)
1200 MM HIGH RAILING (ABOVE 70 M)



TYPICAL FLOOR PLAN
3RD TO 16TH & 18TH TO 25TH
& 27TH TO 31ST FLOOR
TOWER-3

1100 MM HIGH RAILING (BELOW 70 M)
1200 MM HIGH RAILING (ABOVE 70 M)

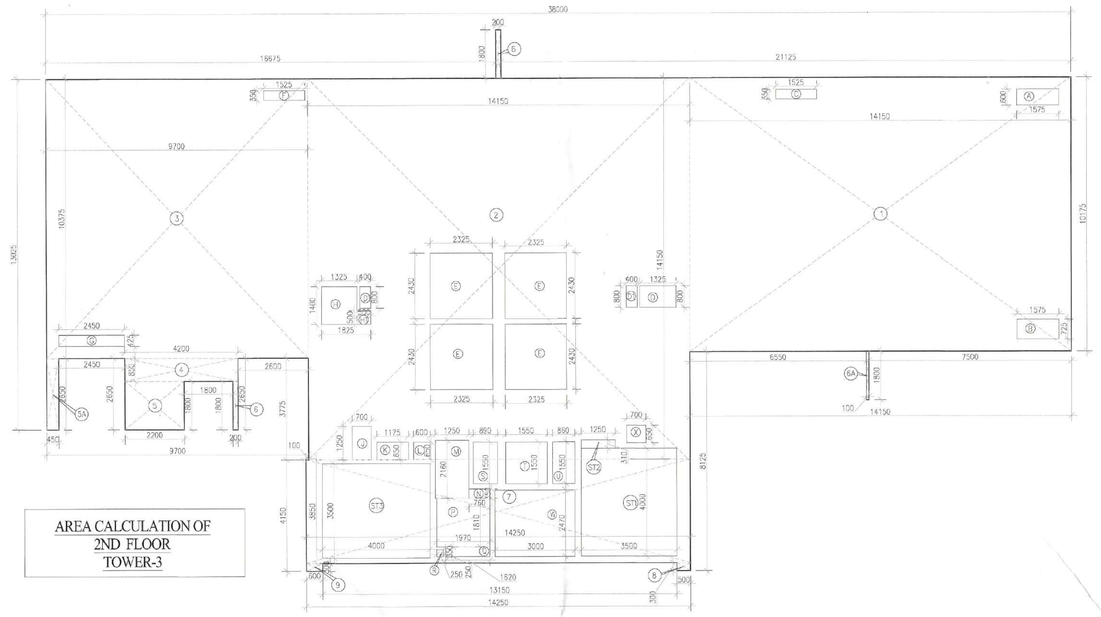
TYPICAL FLOOR	FLOOR UNITS	UNITS
3RD FLOOR	2E+2F+3BH	
4TH FLOOR	2E+2F+3BH	
5TH FLOOR	2E+2F+3BH	
6TH FLOOR	2E+2F+3BH	
7TH FLOOR	2E+2F+3BH	
8TH FLOOR	2E+2F+3BH	
9TH FLOOR	2E+2F+3BH	
10TH FLOOR	2E+2F+3BH	
11TH FLOOR	2E+2F+3BH	
12TH FLOOR	2E+2F+3BH	
13TH FLOOR	2E+2F+3BH	
14TH FLOOR	2E+2F+3BH	
15TH FLOOR	2E+2F+3BH	
16TH FLOOR	2E+2F+3BH	
18TH FLOOR	2E+2F+3BH	
19TH FLOOR	2E+2F+3BH	
20TH FLOOR	2E+2F+3BH	
21TH FLOOR	2E+2F+3BH	
22ND FLOOR	2E+2F+3BH	
23RD FLOOR	2E+2F+3BH	
24TH FLOOR	2E+2F+3BH	
25TH FLOOR	2E+2F+3BH	
27TH FLOOR	2E+2F+3BH	
28TH FLOOR	2E+2F+3BH	
29TH FLOOR	2E+2F+3BH	
30TH FLOOR	2E+2F+3BH	
31ST FLOOR	2E+2F+3BH	
	TOTAL 2E+2F+ 93	



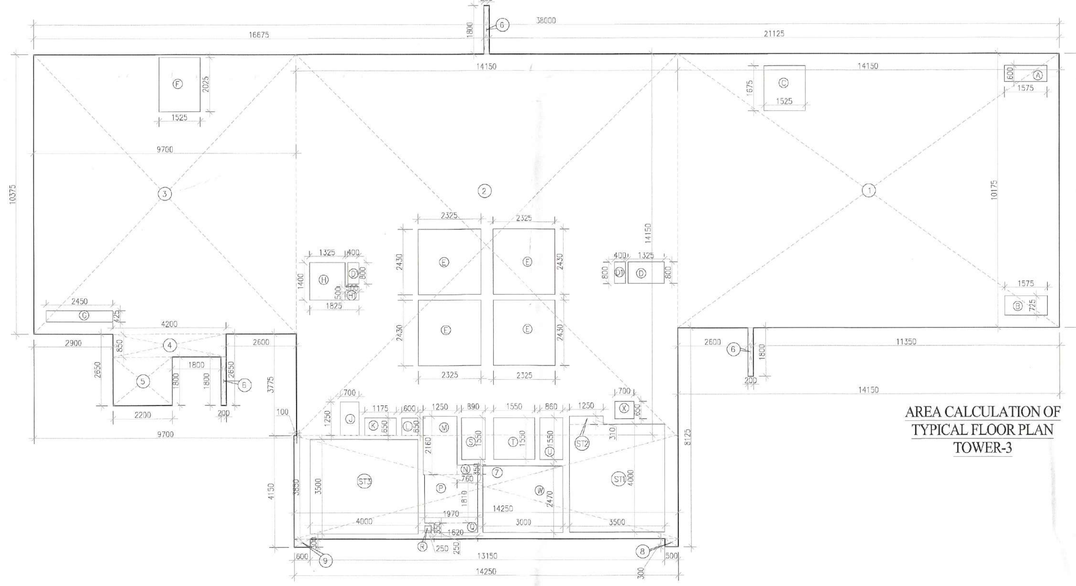
REFUGE FLOOR	FLOOR UNITS	UNITS
17TH FLOOR	2E+2F+3BH	
26TH FLOOR	2E+2F+3BH	
	TOTAL 2E+2F+ 6	

REFUGE FLOOR PLAN
17TH & 26TH FLOOR
TOWER-3

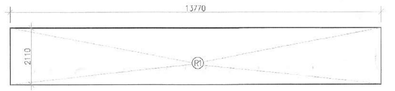
1100 MM HIGH RAILING (BELOW 70 M)
1200 MM HIGH RAILING (ABOVE 70 M)



AREA CALCULATION OF
2ND FLOOR
TOWER-3



AREA CALCULATION OF
TYPICAL FLOOR PLAN
TOWER-3



AREA CALCULATION OF REFUGE
TOWER-3

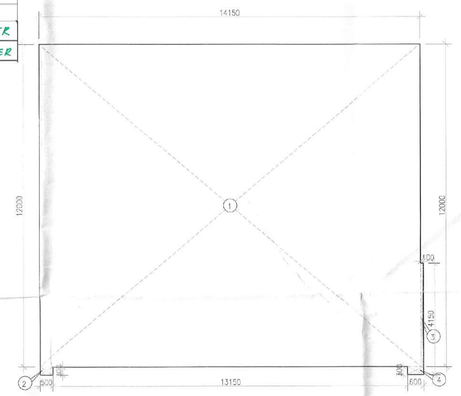
17TH & 26TH FLOOR REFUGE AREA TOWER-3

GROSS - A									
NS	=	1	X	13.175	X	2.190	=	28.866	SQM
						TOTAL	=	28.866	SQM

GROSS AREA OF TYPICAL FLOOR	=	646.409	SQM
GROSS AREA OF TYPICAL FLOOR	=	646.409	SQM
	=	1017.379	SQM
REFUGE AREA REQUIRED	=	(1017.379/36.5)12.5	=
	=	34.418	
REFUGE AREA PROVIDED	=	28.866	SQM
	=	GROSS - A	
	=	28.866	SQM

ADDITIONAL SPACE TO ACCOMMODGATE WHEEL CHAIR SPACE @0.5 SQM FOR 250 POPULATION.
0.9

LEGEND			
SL. NO.	SYMBOL	DESCRIPTION	
1		SOIL PIPE DOWNTAKE (S/D)	
2		ANTI SIPHONIC PIPE DOWNTAKE (S/D)	
3		WASTE PIPE DOWNTAKE (S/D)	
4		RAIN WATER PIPE DOWNTAKE (R/D)	
5		BALCONY DRAIN WATER DOWNTAKE (B/D)	
6		AC CONDENSER DOWNTAKE (D/D)	
7		FLUSHING WATER SUPPLY DOWNTAKE (D/D)	
8			
9		75mm THICK LEDGE WALL UP TO FALSE CEILING LEVEL	
10		150MM THICK LEDGE WALL 300MM HEIGHT FROM FFL FOR EWC	
11		75MM THICK LEDGE WALL BELOW N.E COUNTER FOR WASH BASIN	
12		75MM THICK LEDGE WALL FULL HEIGHT FOR KITCHEN SINK AREA	
13		150MM CLOSER WALL FOR KITCHEN SINK AREA	
14		PVC SHAFT PLASTERRY AS PER ARCHITECTURAL & STRUCTURAL DETAILS	
15		300MM X300MM POCKET SLAB FOR UTILITY AREA	
16		230mmx230mmX75mm SLAB FOR BALCONY AREA	
17		100mmx75mm SLOPPER DRAIN FOR BALCONY AREA	
18		OUT OUT	
19		DOMESTIC WATER SUPPLY PIPE	
20		FLUSHING WATER SUPPLY PIPE	



AREA CALCULATION OF MUMTY
MACHINE ROOM TOWER-3

GROSS-A	AREA CALCULATION OF MUMTY MACHINE ROOM TOWER-3							
NOS	LENGTH			WIDTH		AREA(sqm)		SQM
1	1	X	14.150	X	12.000	=	169.800	SQM
2	1	X	0.500	X	0.300	=	0.150	SQM
3	1	X	0.100	X	4.150	=	0.415	SQM
4	1	X	0.600	X	0.300	=	0.180	SQM
					TOTAL	=	170.545	SQM

GROSS-A	FAR AREA CALCULATION OF 2ND FLOOR TOWER-3							
NOS	LENGTH			WIDTH		AREA(sqm)		SQM
1	1	X	14.150	X	10.175	=	143.976	SQM
2	1	X	14.150	X	14.150	=	200.223	SQM
3	1	X	9.700	X	10.375	=	100.607	SQM
4	1	X	4.200	X	0.850	=	3.570	SQM
5	1	X	2.200	X	1.850	=	3.850	SQM
5A	1	X	0.450	X	3.650	=	1.185	SQM
6	2	X	2.350	X	1.850	=	8.725	SQM
6A	1	X	3.150	X	1.850	=	5.180	SQM
7	1	X	2.100	X	0.850	=	1.785	SQM
7	1	X	3.600	X	0.300	=	0.180	SQM
8	1	X	5.800	X	0.300	=	0.180	SQM
				TOTAL		=	509.651	SQM

GROSS-B	DEDUCTION							
NOS	LENGTH			WIDTH		AREA(sqm)		SQM
A	1	X	1.575	X	2.025	=	3.940	SQM
B	1	X	1.575	X	0.850	=	1.339	SQM
C	1	X	1.525	X	0.350	=	0.534	SQM
D	1	X	1.525	X	0.850	=	1.296	SQM
D1	2	X	1.425	X	0.850	=	2.422	SQM
E	4	X	2.325	X	2.425	=	22.558	SQM
F	1	X	1.325	X	2.350	=	3.114	SQM
G	1	X	1.325	X	1.425	=	1.887	SQM
H	1	X	1.325	X	1.400	=	1.855	SQM
HH	1	X	3.550	X	1.000	=	3.550	SQM
J	1	X	2.750	X	1.350	=	3.713	SQM
K	1	X	1.175	X	0.850	=	0.744	SQM
L	1	X	2.400	X	1.350	=	3.240	SQM
M	1	X	2.400	X	1.350	=	3.240	SQM
N	1	X	2.350	X	1.350	=	3.173	SQM
O	1	X	2.350	X	1.350	=	3.173	SQM
P	1	X	2.350	X	1.350	=	3.173	SQM
Q	1	X	3.050	X	1.350	=	4.118	SQM
R	1	X	2.475	X	1.350	=	3.341	SQM
S	1	X	3.050	X	1.350	=	4.118	SQM
				TOTAL		=	48.671	SQM

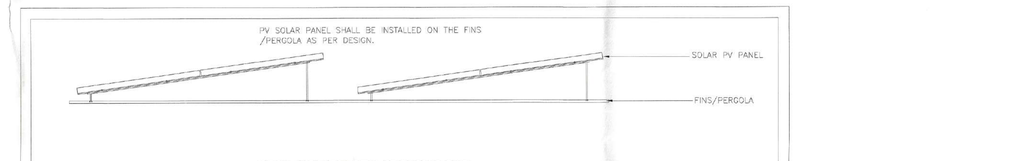
GROSS-C	STAIRCASE (DEDUCTION) AREA							
NOS	LENGTH			WIDTH		AREA(sqm)		SQM
W	1	X	1.250	X	2.160	=	2.700	SQM
W	1	X	0.750	X	0.850	=	0.638	SQM
Q	1	X	1.525	X	0.350	=	0.534	SQM
Q	1	X	1.525	X	0.850	=	1.296	SQM
ST2	1	X	1.525	X	0.350	=	0.534	SQM
ST2	1	X	1.525	X	0.850	=	1.296	SQM
ST3	1	X	3.210	X	1.350	=	4.334	SQM
ST3	1	X	4.000	X	3.600	=	14.400	SQM
				TOTAL		=	26.432	SQM

NET FAR FAR CALCULATION OF 2ND FLOOR TOWER-3

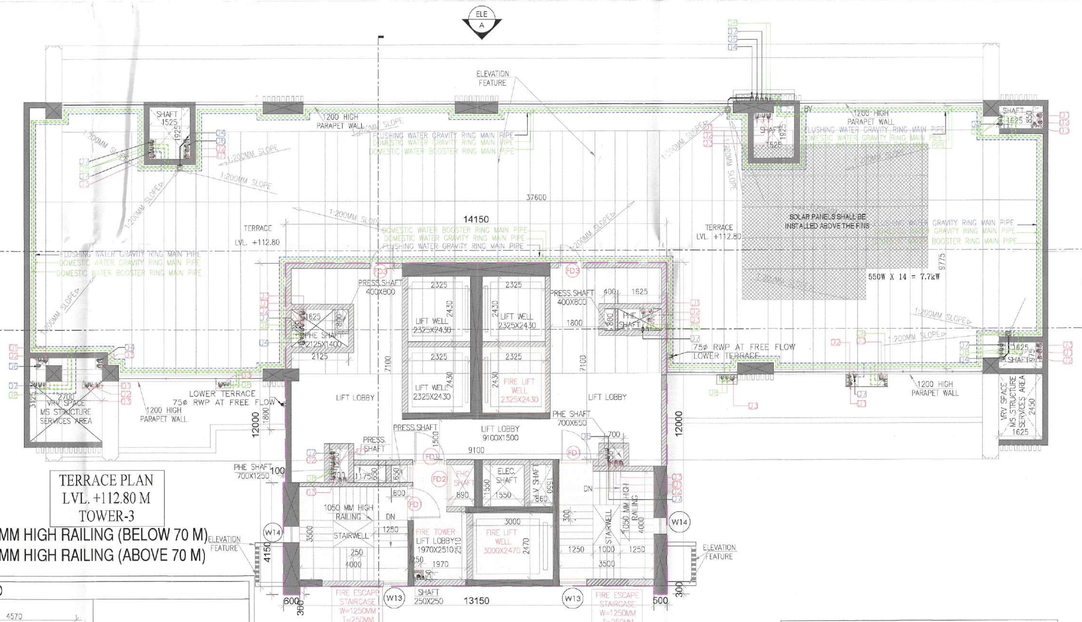
NET FAR (2ND FLOOR)	=	GROSS - A	:	GROSS - B	:	GROSS - C		
	=	509.651	:	48.671	:	26.432		
GROSS - 2	=	432.548		SQM				
BUILT-UP AREA FAR CALCULATION OF 2ND FLOOR TOWER-3								
BUILT AREA 2ND FLOOR	=	GROSS - 1	+	GROSS - 2				
	=	438.494	+	33.496				
GROSS - 2	=	465.990		SQM				
NON FAR AREA CALCULATION OF 2ND FLOOR								
NON FAR AREA 2ND FLOOR	=	GROSS - 2	:	GROSS - 1				
	=	465.990	:	438.494				
GROSS - 3	=	27.496		SQM				

GROSS-A	TOWER 3 - WINDOW SCHEDULE						
LOCATION	WINDOW TYPE	WIDTH (in MM) (HB-WIDTH)	WINDOW HEIGHT	WINDOW SILL	WINDOW UNITS	SHUTTER TYPE	REMARKS
Living/Dining with deck	W1	6000	2000	50	2550	-	
Living/Dining with deck	W2	2700	2000	50	2550	-	
Living/Dining with deck	W3	4675	2000	50	2550	-	
Bedroom-with deck	W4	2475	2000	50	2550	-	
Bedroom-with deck	W5	2775	2000	50	2550	-	
Bedroom-with deck	W6	2100	2000	50	2550	-	
Bedroom-with deck	W7	1500	2000	50	2550	-	
Bedroom-with deck	W8	1800	2000	50	2550	-	
Kitchen-with Utility	W9	1300	2000	50	2550	-	
Kitchen-with Utility	W10	1300	2000	50	2550	-	
Toilet with Shaft	W11	600	1000	450	2550	-	TO CONFIRM
Toilet with Shaft (above sl	W12	600	900	1350	2250	-	TO CONFIRM
Dryspace with fire lobby	W13	1800	1350	1200	2550	-	TO CONFIRM
Dryspace with fire lift	W14	600	1350	1200	2550	-	TO CONFIRM
Cooking(toilet height locks)	G1	15750	-	-	-	-	-
Cooking(toilet height locks)	G2	17340	-	-	-	-	-

TOWER 3 - DOOR SCHEDULE							
LOCATION	DOOR TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR SILL	DOOR (NOS)	SHUTTER TYPE	REMARKS
Lobby door	D1	2300	2100	0	2100	Double Leaf Door	
Main Door	D1	1800	2100	0	2100	Double Leaf Door	
Bedroom Door	D2	1000	2100	0	2100	Single Door	
Toilet door + Utility Door + Shaft	D3	900	2100	0	2100	Single Door	
Entry+ Dryspace Doors							
EXT. SHAFT	D3A	900	2100	0	2100	Single Door	
Yard doors	D4	750	2100	0	2100	Single Door	
FIRE DOORS							
ELV Shaft	FD	840	2100	0	2100	Single Door	Res Door (1hr)
Staircase Door+lefttage	FD1	1200	2100	0	2100	Double Leaf Door	Res Door (1hr)
PHC SHAFT	FD2	1550	2100	0	2100	Single Door	Res Door (1hr)
HEAFT LIFT LOBBY	FD3	900	2100	0	2100	Single Door	Res Door (1hr)
LIFT LOBBY Door	FD4	1200	2100	0	2100	Double Leaf Door	Res Door (1hr)
LIFT LOBBY Door	FD5	1800	2100	0	2100	Double Leaf Door	Res Door (1hr)



TYPICAL INSTALLATION DETAIL OF PV SOLAR PANEL



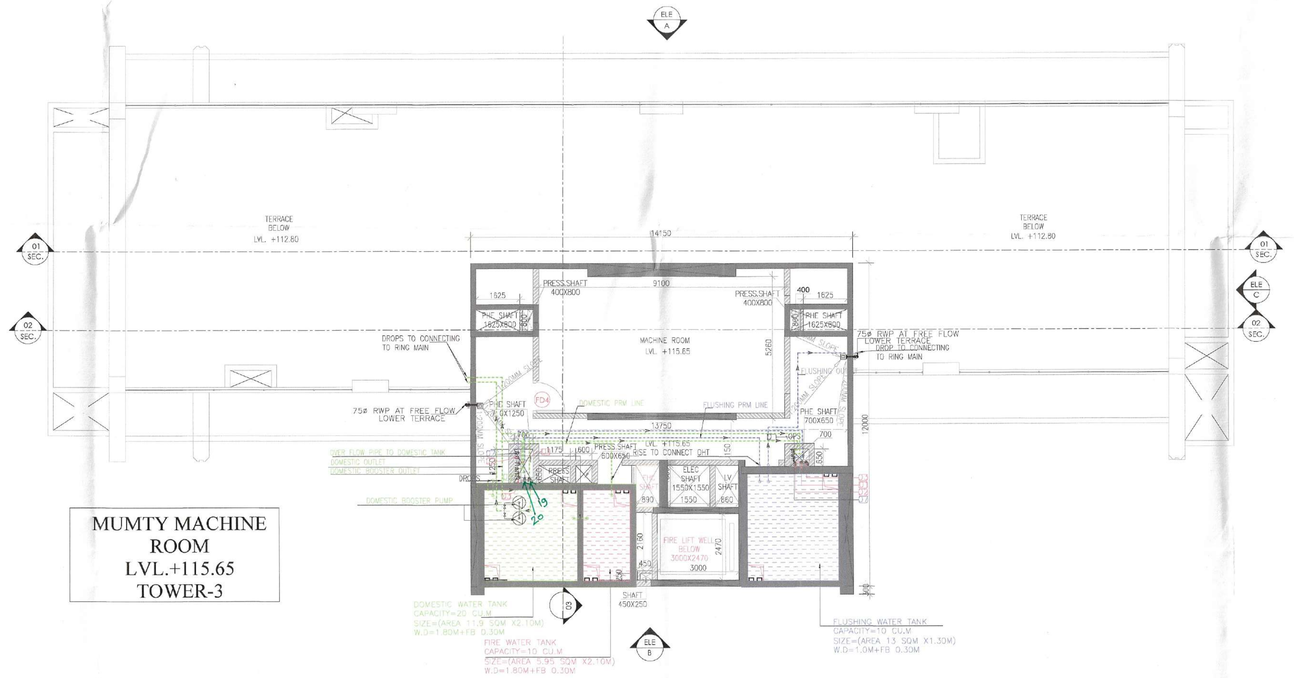
TERRACE PLAN
LVL. +112.80 M
TOWER-3
1100 MM HIGH RAILING (BELOW 70 M)
1200 MM HIGH RAILING (ABOVE 70 M)

LEGEND
PV SOLAR PANEL

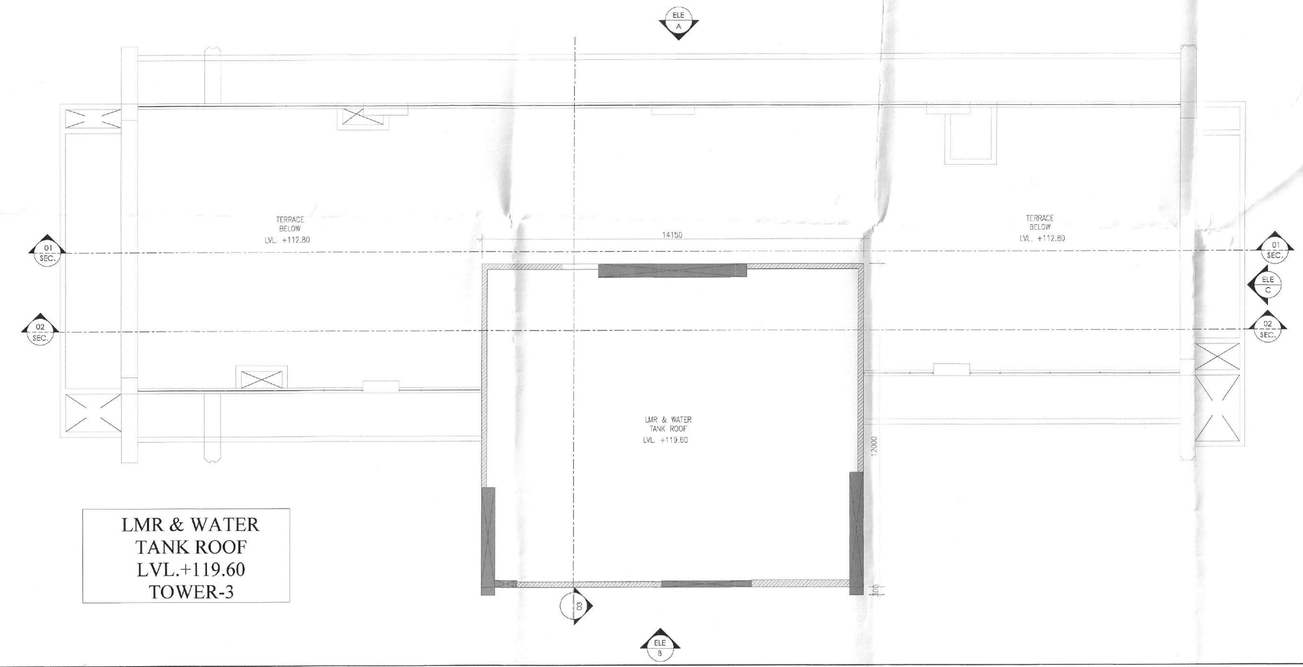
TOTAL SOLAR LOAD: 250kW
EACH PV SOLAR PANEL LOAD: 550W

TOTAL REQUIRED SOLAR PANELS = 250/0.550= 54 PANELS

FOR EACH TOWER 14 PANELS ARE REQUIRED



MUMTY MACHINE
ROOM
LVL.+115.65
TOWER-3



LMR & WATER
TANK ROOF
LVL.+119.60
TOWER-3

NOTES:-
DG POWER BACKUP IS BEING PROVIDED.
TOILET ARE MECHANICAL VENTILATED.
ALL LIFTS SHALL HAVE POWER BACK-UP.
ALL ELECTRICAL INSTALLATION SHALL BE AS PER PROVISION OF RELEVANT CODE.
FIRE/FIGHTING/SAFETY PROVISIONS WILL BE AS PER RELEVANT CODE PROVISIONS.
BASEMENT AREA SHALL HAVE MECHANICALLY VENTILATED AS PER RELEVANT CODE.
ALL TOILETS ARE VENTILATED AS PER HARYANA BUILDING CODE 2017.
BUILDINGS HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY RELEVANT CODE.
BUILDING WILL BE DESIGNED/STRUCTURES AS PER RELEVANT L.S.CODES FOR EARTHQUAKE RESISTANCE.
SOLAR PANELS OF REQUIRED CAPACITY SHALL BE PROVIDED AS PER HARE DA/ZONING NORMS.
ALL HANDICAP RAMPS WITH RAILING.
ALL FIRE FIGHTING INSTALLATIONS SHALL BE AS PER PROVISION OF RELEVANT CODE.
THE RAINWATER HARVESTING SYSTEM SHALL BE PROVIDED AS PER CENTRAL GROUND WATER AUTHORITY NORMS.

ASSOCIATE ARCHITECTS

GS ASSOCIATES
PLOT NO-408 SEC-37C GURGAON(PH-9560794794)

Checked and found ok for Public Health (Internal) Service only subject to deminimis in in forwarding letter No. 1183-1 ... dt 01/8/25

PROJECT:
Superintending Engineer(HQ)
Civil Chief Engineer-(I),
HSVP, Panchkula.

PROPOSED BUILDING PLAN OF G.H. SITE NO.21 IN SECTOR-53 GURGRAM OF AREA MEASURING 3.60 ACRES BEING DEVELOPED BY M/S GODREJ PROPERTIES LTD.

OWNER'S SEAL & SIGNATURE

GODREJ PROPERTIES LTD.
Authorised Signatory

ARCHITECT'S SEAL & SIGNATURE

Ar. Ravindar Kumar
CA/2012/62071

FEB - 2025 | Scale : 1:100

Drawing Title:-
TOWER-3
2ND FLOOR & TYPICAL FLOOR PLAN, REFUGE FLOOR PLAN, TERRACE FLOOR PLAN, MUMTY MACHINE ROOM, ROOF PLAN & AREA CALCULATION

Drawing No:-
13-02