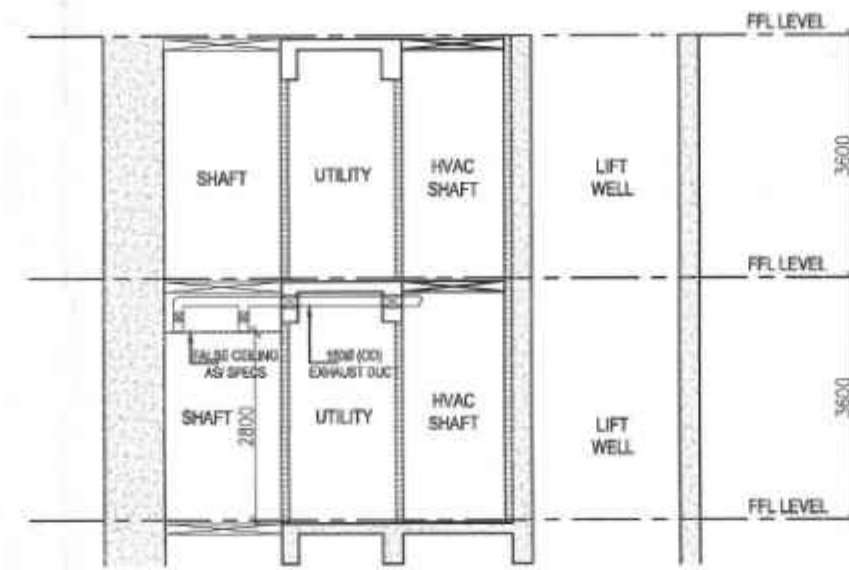


FIRST FLOOR AREA CALCULATION						
S. No.	COEFF.	Dim (m)	X	Dim (m)	Nos.	Area (SQM)
F1	0.667	1.120	X	0.380	12	3.407
F2	0.5	1.040	X	0.815	6	2.543
F3	(4.975+5.550)/2	X	0.575		3	9.078
F4	1	5.550	X	1.350	1	22.478
F5	1	10.400	X	5.775	1	60.060
F5A	1	0.400	X	0.300	3	0.360
F6	1	9.525	X	1.925	3	55.007
F7	(1.925+1.350)/2	X	0.575		3	2.825
F8	1	2.525	X	5.775	3	43.746
F8A	1	2.225	X	5.775	2	25.699
F9	1	6.875	X	8.150	1	56.031
F10	1	4.175	X	1.825	3	22.858
F11	(4.510+4.000)/2	X	8.175		1	34.785
F12	0.5	7.400	X	18.490	1	68.413
F13	0.5	4.875	X	15.830	1	38.586
F14	0.5	8.160	X	18.490	1	75.439
F15	0.5	15.675	X	4.985	1	39.070
F16	(2.415+1.630)/2	X	8.175		1	16.534
F17	1	15.050	X	8.150	2	245.315
F18	(2.170+1.625)/2	X	8.175		1	15.512
FA	0.667	0.815	X	0.160	3	0.261
TOTAL ADDITION AREA (A)						838.004

DEDUCTION AREA						
S. No.	COEFF.	Dim (m)	X	Dim (m)	Nos.	Area (SQM)
D1	1	1.825	X	0.450	3	2.464
D2	1	0.325	X	1.750	3	1.706
D3	1	2.125	X	1.675	3	10.678
D4	1	0.890	X	1.525	3	4.072
D5	0.5	1.070	X	1.850	1	0.990
D6	1	2.175	X	2.200	6	28.710
D7	0.5	1.090	X	1.915	1	1.044
D8	1	1.200	X	0.400	1	0.480
D9	1	1.570	X	0.400	1	0.628
D10	(3.175+3.700)/2	X	1.405		1	4.830
D11	0.5	2.110	X	1.230	1	1.298
D12	0.5	2.110	X	1.055	1	1.113
D13	(1.200+1.500)/2	X	0.520		1	0.702
D14	0.5	2.005	X	1.155	1	1.158
D15	(1.155+1.875)/2	X	1.250		1	1.894
D16	(2.660+1.410)/2	X	6.020		1	12.251
D17	0.5	6.120	X	3.040	1	9.302
D18	0.5	2.100	X	1.210	2	2.541
D19	(2.560+4.790)/2	X	3.860		1	14.186
D20	(1.230+4.790)/2	X	2.060		1	6.201
D21	(1.520+2.600)/2	X	0.620		1	1.277
D22	1	2.600	X	2.095	1	5.447
D23	1	2.100	X	3.200	1	6.720
D24	(1.755+1.195)/2	X	0.975		1	1.438
D25	0.5	1.120	X	1.945	1	1.089
D26	0.5	1.775	X	1.025	1	0.910
D27	0.5	1.850	X	1.070	1	0.990
D28	1	5.050	X	5.150	3	78.023
D29	(5.150+4.575)/2	X	0.575		3	8.388
D30	0.5	6.260	X	3.035	1	9.500
D31	(0.650+4.415)/2	X	5.800		1	14.689
D32	1	0.100	X	4.415	1	0.442
D33	0.5	5.960	X	2.980	1	8.880
TOTAL DEDUCTION AREA (D)						244.037
TOTAL NET F.A.R. AREA (F1-D1) = F						593.968

NON FAR AREA DIAGRAM

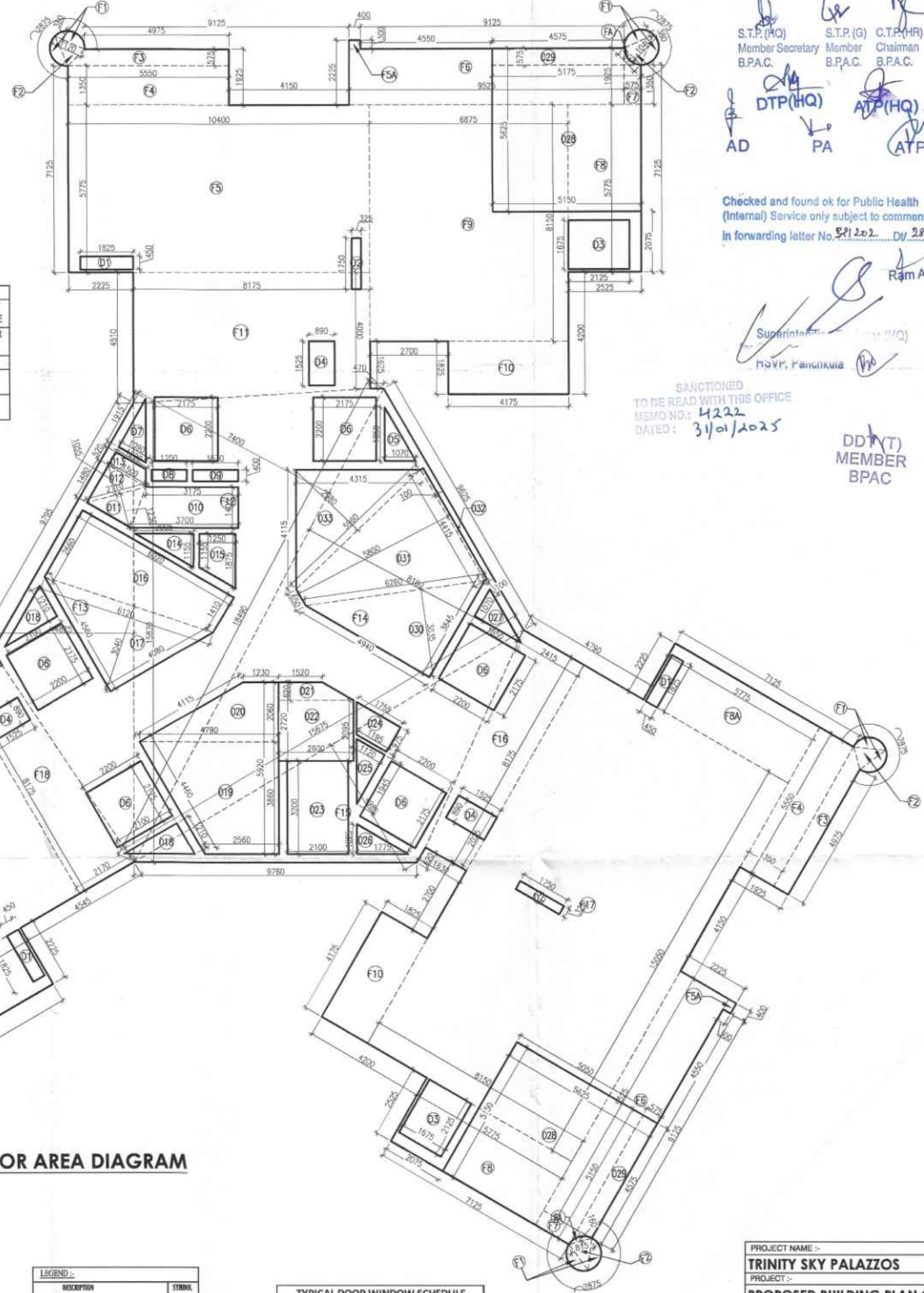
1ST. FLOOR NON FAR AREA CALCULATION						
D10	(3.175+3.700)/2	X	1.405			4.830
D11	0.5	2.110	X	1.230		1.298
D12	0.5	2.110	X	1.055		1.113
D13	(1.200+1.500)/2	X	0.520			0.702
D16	(2.660+1.410)/2	X	6.020			12.251
D17	0.5	6.120	X	3.040		9.302
D18	0.5	2.100	X	1.210	2	2.541
D19	(2.560+4.790)/2	X	3.860			14.186
D20	(1.230+4.790)/2	X	2.060			6.201
D21	(1.520+2.600)/2	X	0.620			1.277
D22	1	2.600	X	2.095		5.447
TOTAL NON FAR AREA (N)						59.147



TYPICAL MECHANICAL VENTILATION SECTION 1 FOR W.C.

TYPICAL MECHANICAL VENTILATION CALCULATION FOR W.C.									
S.NO.	LOCATION	AREA	HEIGHT	VOLUME	DESIGN CFM	SELECTED EXHAUST FAN	FAN SIZE	EXHAUST DUCT SIZE	
		(Sq.ft.)	(ft.)	(Cu.ft.)	CFM		LXBXH (mm)	DIAMETER (mm)	
1	TYPICAL MECHANICAL VENTILATION FOR W.C.								
1.1	1 W.C.	20.1	9.2	184.9	50	1# 100 cfm cassette inline fan	270x270x171	150 (OD)	
1.2	2 W.C.	20.1	9.2	184.9 x 2	50 x 2	1# 100 cfm cassette inline fan	270x270x171	150 (OD)	

FIRST FLOOR AREA DIAGRAM



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

Checked and found ok for Public Health
(Internal) Service only subject to comments in
in forwarding letter No. 891202, Dtd. 28/11/24

Ram Avtar Bassi
JD(HQ)

Supervisor
Navyr, Panjvalia

SANCTIONED
TO BE READ WITH THIS OFFICE
MEMO NO. 4222
DATED: 31/01/2025

DD(T)
MEMBER
BPAC

DETAIL SECTION - A

FIRST FLOOR PLAN

FIRE LEGEND:-	
A	100% FIRE RESISTANT PIPE LOW DOME
B	RAMP DRAIN PIPE
C	CO. TYPE FIRE EXTINGUISHERS 4.5KG
D	9 Ltr. M.F. TYPE CO. FIRE EXTINGUISHER
E	FLOOR DRAIN PIPE
F	FIRE ALARM
G	FIRE HOSE CABINET (FHC)

LEGEND:-	
DESCRIPTION	SYMBOL
110mm A.P.C. COIL & TEST PIPE	1
110mm A.P.C. WASTE & TEST PIPE	2
110mm A.P.C. EXTERIOR WASTE & TEST PIPE	3a
110mm A.P.C. EXTERIOR WASTE & TEST PIPE	3b
110mm A.P.C. COIL & TEST PIPE	4
110mm A.P.C. WASTE PIPE	5
110mm A.P.C. WASTE PIPE	6
110mm A.P.C. WASTE PIPE	7
110mm A.P.C. WASTE PIPE	8
110mm A.P.C. WASTE PIPE	9
110mm A.P.C. WASTE PIPE	10
110mm A.P.C. WASTE PIPE	11
110mm A.P.C. WASTE PIPE	12
110mm A.P.C. WASTE PIPE	13
110mm A.P.C. WASTE PIPE	14
110mm A.P.C. WASTE PIPE	15
110mm A.P.C. WASTE PIPE	16
110mm A.P.C. WASTE PIPE	17
110mm A.P.C. WASTE PIPE	18
110mm A.P.C. WASTE PIPE	19
110mm A.P.C. WASTE PIPE	20
110mm A.P.C. WASTE PIPE	21
110mm A.P.C. WASTE PIPE	22
110mm A.P.C. WASTE PIPE	23
110mm A.P.C. WASTE PIPE	24
110mm A.P.C. WASTE PIPE	25
110mm A.P.C. WASTE PIPE	26
110mm A.P.C. WASTE PIPE	27
110mm A.P.C. WASTE PIPE	28
110mm A.P.C. WASTE PIPE	29
110mm A.P.C. WASTE PIPE	30
110mm A.P.C. WASTE PIPE	31
110mm A.P.C. WASTE PIPE	32
110mm A.P.C. WASTE PIPE	33
110mm A.P.C. WASTE PIPE	34
110mm A.P.C. WASTE PIPE	35
110mm A.P.C. WASTE PIPE	36
110mm A.P.C. WASTE PIPE	37
110mm A.P.C. WASTE PIPE	38
110mm A.P.C. WASTE PIPE	39
110mm A.P.C. WASTE PIPE	40
110mm A.P.C. WASTE PIPE	41
110mm A.P.C. WASTE PIPE	42
110mm A.P.C. WASTE PIPE	43
110mm A.P.C. WASTE PIPE	44
110mm A.P.C. WASTE PIPE	45
110mm A.P.C. WASTE PIPE	46
110mm A.P.C. WASTE PIPE	47
110mm A.P.C. WASTE PIPE	48
110mm A.P.C. WASTE PIPE	49
110mm A.P.C. WASTE PIPE	50
110mm A.P.C. WASTE PIPE	51
110mm A.P.C. WASTE PIPE	52
110mm A.P.C. WASTE PIPE	53
110mm A.P.C. WASTE PIPE	54
110mm A.P.C. WASTE PIPE	55
110mm A.P.C. WASTE PIPE	56
110mm A.P.C. WASTE PIPE	57
110mm A.P.C. WASTE PIPE	58
110mm A.P.C. WASTE PIPE	59
110mm A.P.C. WASTE PIPE	60
110mm A.P.C. WASTE PIPE	61
110mm A.P.C. WASTE PIPE	62
110mm A.P.C. WASTE PIPE	63
110mm A.P.C. WASTE PIPE	64
110mm A.P.C. WASTE PIPE	65
110mm A.P.C. WASTE PIPE	66
110mm A.P.C. WASTE PIPE	67
110mm A.P.C. WASTE PIPE	68
110mm A.P.C. WASTE PIPE	69
110mm A.P.C. WASTE PIPE	70
110mm A.P.C. WASTE PIPE	71
110mm A.P.C. WASTE PIPE	72
110mm A.P.C. WASTE PIPE	73
110mm A.P.C. WASTE PIPE	74
110mm A.P.C. WASTE PIPE	75
110mm A.P.C. WASTE PIPE	76
110mm A.P.C. WASTE PIPE	77
110mm A.P.C. WASTE PIPE	78
110mm A.P.C. WASTE PIPE	79
110mm A.P.C. WASTE PIPE	80
110mm A.P.C. WASTE PIPE	81
110mm A.P.C. WASTE PIPE	82
110mm A.P.C. WASTE PIPE	83
110mm A.P.C. WASTE PIPE	84
110mm A.P.C. WASTE PIPE	85
110mm A.P.C. WASTE PIPE	86
110mm A.P.C. WASTE PIPE	87
110mm A.P.C. WASTE PIPE	88
110mm A.P.C. WASTE PIPE	89
110mm A.P.C. WASTE PIPE	90
110mm A.P.C. WASTE PIPE	91
110mm A.P.C. WASTE PIPE	92
110mm A.P.C. WASTE PIPE	93
110mm A.P.C. WASTE PIPE	94
110mm A.P.C. WASTE PIPE	95
110mm A.P.C. WASTE PIPE	96
110mm A.P.C. WASTE PIPE	97
110mm A.P.C. WASTE PIPE	98
110mm A.P.C. WASTE PIPE	99
110mm A.P.C. WASTE PIPE	100

TYPICAL DOOR WINDOW SCHEDULE					
NAME	WIDTH	HEIGHT	CHL	LINTEL	
D1	1500	2400	0	2400	
D2	1000	2400	0	2400	
D3	800	2400	0	2400	
W1	1600	1800	600	2400	
V1	600	1200	1200	2400	
SD1	2750	2400	0	2400	
SD2	4300	2400	0	2400	
SD3	1350	2400	0	2400	
SD4	1675	2400	0	2400	
SD5	4575	2400	0	2400	
SD6	3500	2400	0	2400	
SD7	4150	2400	0	2400	
DW1	1750	2400	00/1050	2400	
G1	4150	2400	0	2400	
G2	3500	2400	0	2400	
G3	4300	2400	0	2400	
G4	2800	2400	0	2400	
G5	4575	2400	0	2400	
GD1	4110	5100	0	5100	
FD1	1200	2400	0	2400	
FD2	1250	2400	0	2400	
FD3	1500	2400	0	2400	
FH	900	2400	0	2400	
GS	2400	1500	0	2400	

ALL MAIN UNIT DOOR -
ONE HR FIRE RATING

PROJECT NAME:-
TRINITY SKY PALAZZOS

PROPOSED BUILDING PLAN OF GROUP
HOUSING MEASURING 10.84375
ACRES (LICENCE NO. 130 OF 2024
DATED 24.10.2024) IN SECTOR-88B,
GURUGRAM MANESAR URBAN
COMPLEX BEING DEVELOPED BY
FIDATOCITY HOMES PVT. LTD. AND
OTHER'S IN COLLABORATION WITH
FIDATOCITY HOMES PVT. LTD.

PRINCIPAL ARCHITECTS:-
ACPL
ACPL Design Ltd.
CONSULTING ARCHITECTS
SACHDEVA CONSULTANTS.

ARCHITECT'S SEAL & SIGNATURE: _____ OWNER'S SEAL & SIGNATURE: _____

For Fidatocity Homes Pvt. Ltd.
Director/Authorized Signatory

Scale: 1:100
Drawing Title: **FIRST FLOOR PLANS (TYP. TOWER C&D)** Drawing No: 16