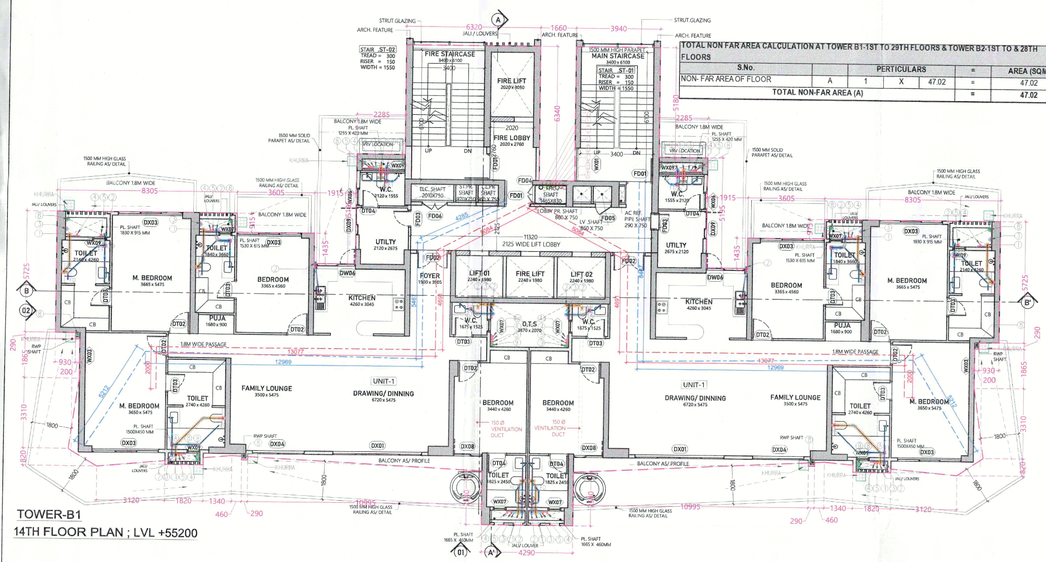
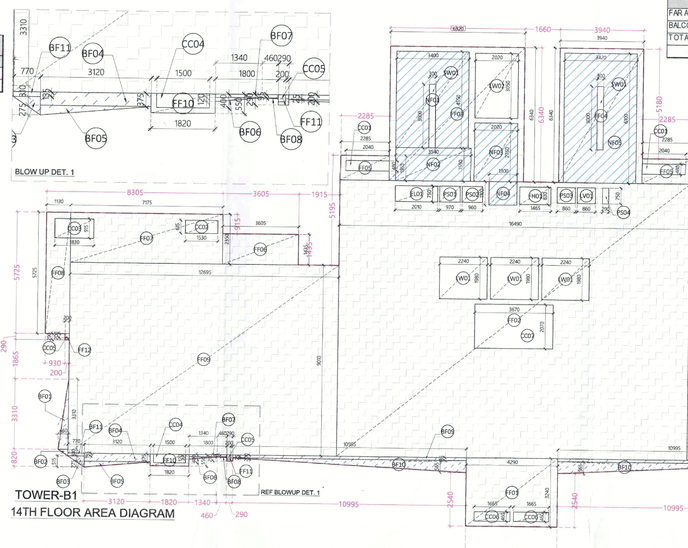


TOTAL NON FAR AREA CALCULATION AT TOWER B1-1ST TO 29TH FLOORS & TOWER B2-1ST TO & 28TH FLOORS

S.No.	PERTICULARS				=	AREA (SQ.M)
NON- FAR AREA OF FLOOR	A	1	X	47.02	=	47.02
TOTAL NON-FAR AREA (A)					=	47.02



TOTAL FAR AREA CALCULATION AT TOWER B1-14TH FLOORS & TOWER B2-14TH & 15TH FLOORS

S.No.	PERTICULARS				=	AREA (SQM)
FAR AREA OF FLOOR	A	1	X	495.77	=	495.77
BALCONY FAR AREA OF FLOOR	B	1	X	15.16	=	15.16
TOTAL FAR AREA OF FLOOR	C=(A+B)					510.93
TOTAL FAR AREA (C)					=	510.93

B1 & B2 - TYP. FLOOR FAR

ID	X (m)	x	Y (m)	x Multip lier	x Count = (nos)	=	Area (sqm)
A. COVERED AREA							
FR01	4.290		3.240	1.0	1	=	13.90
FR02	16.490		13.045	1.0	1	=	215.11
FR03	6.320		6.340	1.0	1	=	40.07
FR04	3.940		6.340	1.0	1	=	24.98
FR05	2.285		1.160	1.0	2	=	5.30
FR06	3.605		1.435	1.0	2	=	10.35
FR07	7.175		2.350	1.0	2	=	33.72
FR08	1.130		5.725	1.0	2	=	12.94
FR09	12.695		9.010	1.0	2	=	228.76
FR10	1.820		0.550	1.0	2	=	2.00
FR11	0.290		0.290	1.0	2	=	0.17
FR12	0.200		0.290	1.0	2	=	0.12
TOTAL AREA "A"							587.42
B. AREA SUBTRACTION							
CC01	2.040		0.480	1.0	2	=	1.96
CC02	1.530		0.615	1.0	2	=	1.88
CC03	1.830		0.915	1.0	2	=	3.35
CC04	1.500		0.400	1.0	2	=	1.20
CC05	0.200		0.200	1.0	4	=	0.16
CC06	1.665		0.460	1.0	2	=	1.53
CC07	3.670		2.070	1.0	1	=	7.60
EL01	2.010		0.750	1.0	1	=	1.51
FH01	1.465		0.830	1.0	1	=	1.22
LV01	0.860		0.750	1.0	1	=	0.65
LV01	2.240		1.980	1.0	3	=	13.31
LW02	2.020		3.050	1.0	1	=	6.16
NF01	3.400		4.550	1.0	1	=	15.47
NF02	3.540		1.550	1.0	1	=	5.49
NF03	2.020		2.760	1.0	1	=	5.58
NF04	1.300		1.100	1.0	1	=	1.43
NF05	3.420		6.100	1.0	1	=	20.86
PS01	0.970		0.750	1.0	1	=	0.73
PS02	0.960		0.750	1.0	1	=	0.72
PS03	0.860		0.750	1.0	1	=	0.65
PS04	0.290		0.750	1.0	1	=	0.22
TOTAL AREA "B"							91.65
NET AREA "A-B" B1 & B2 - TYP. FLOOR, FAR							495.77

B1 & B2 - TYP FLOOR NON-FAR

ID	X (m)	x	Y (m)	x Multip lier	x Count = (nos)	=	Area (sqm)
A. COVERED AREA							
NF01	3.400		4.550	1.0	1	=	15.47
NF02	3.540		1.550	1.0	1	=	5.49
NF03	2.020		2.760	1.0	1	=	5.58
NF04	1.300		1.100	1.0	1	=	1.43
NF05	3.420		6.100	1.0	1	=	20.86
TOTAL AREA "A"							48.82
B. AREA SUBTRACTION							
SW01	0.300		3.000	1.0	2	=	1.80
						=	
						=	
TOTAL AREA "B"							1.80
NET AREA "A-B" B1 & B2 - TYP FLOOR, NON-FA							47.02

B1-14TH; B2-14TH,15TH BALCONY FAR

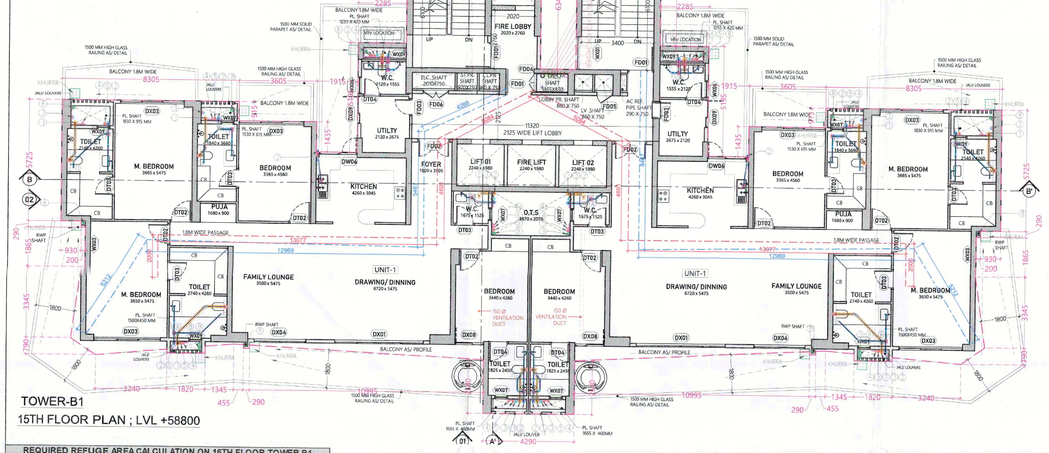
ID	X (m)	x	Y (m)	x Multip lier	x Count = (nos)	=	Area (sqm)
A. COVERED AREA							
BF01	3.310		0.460	0.5	2	=	1.52
BF02	0.310		0.460	0.5	2	=	0.14
BF03	0.770		0.515	0.5	2	=	0.40
BF04	3.120		0.375	1.0	2	=	2.34
BF05	3.120		0.275	0.5	2	=	0.86
BF06	1.340		0.120	0.5	2	=	0.16
BF07	1.800		0.095	1.0	2	=	0.34
BF08	0.460		0.025	0.5	2	=	0.01
BF09	10.995		0.135	1.0	2	=	2.97
BF10	10.995		0.565	0.5	2	=	6.21
BF11	0.770		0.135	1.0	2	=	0.21
TOTAL AREA "A"							15.16

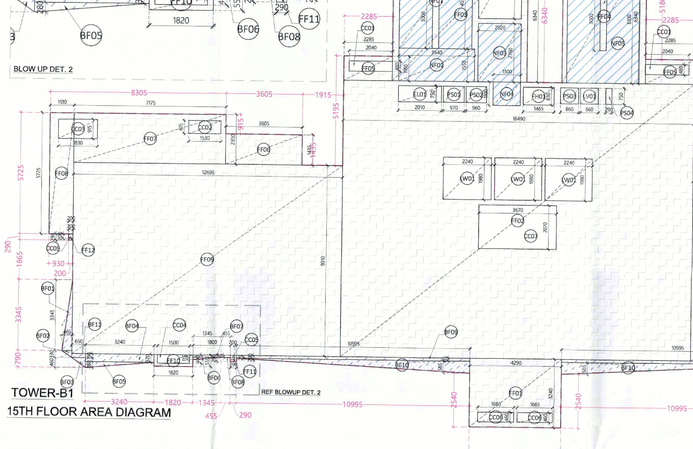
B1-15TH BALCONY FAR

ID	X (m)	x	Y (m)	x Multip lier	x Count = (nos)	=	Area (sqm)
A. COVERED AREA							
BF01	3.345		0.465	0.5	2	=	1.56
BF02	0.330		0.465	0.5	2	=	0.15
BF03	0.650		0.460	0.5	2	=	0.30
BF04	3.240		0.370	1.0	2	=	2.40
BF05	3.240		0.280	0.5	2	=	0.91
BF06	1.345		0.115	0.5	2	=	0.15
BF07	1.800		0.095	1.0	2	=	0.34
BF08	0.455		0.025	0.5	2	=	0.01
BF09	10.995		0.135	1.0	2	=	2.97
BF10	10.995		0.565	0.5	2	=	6.21
BF11	0.650		0.190	1.0	2	=	0.25
TOTAL AREA "A"							15.25

B1 - 16TH FLOOR BALCONY FAR

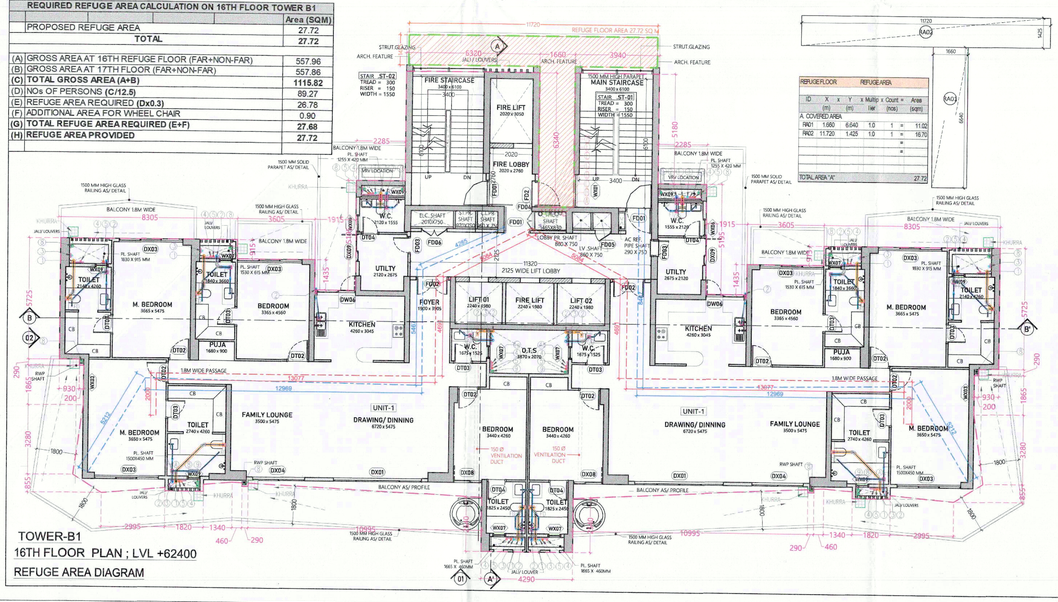
ID	X (m)	x	Y (m)	x Multip lier	x Count = (nos)	=	Area (sqm)
A. COVERED AREA							
BF01	3.310		0.460	0.5	2	=	1.52
BF02	0.310		0.460	0.5	2	=	0.14
BF03	0.770		0.515	0.5	2	=	0.40
BF04	3.120		0.375	1.0	2	=	2.34
BF05	3.120		0.275	0.5	2	=	0.86
BF06	1.340		0.120	0.5	2	=	0.16
BF07	1.800		0.095	1.0	2	=	0.34
BF08	0.460		0.025	0.5	2	=	0.01
BF09	10.995		0.135	1.0	2	=	2.97
BF10	10.995		0.565	0.5	2	=	6.21
BF11	0.770		0.135	1.0	2	=	0.21
TOTAL AREA "A"							15.16





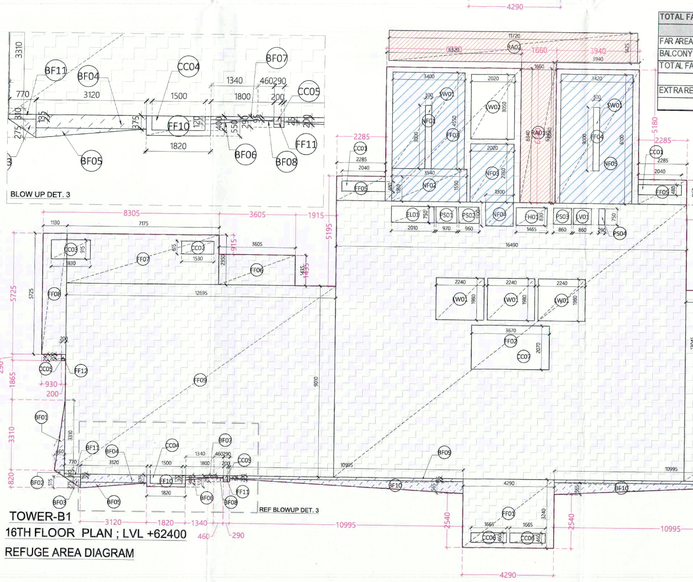
TOTAL FAR AREA CALCULATION AT TOWER B1-15TH FLOORS

S.No.	PERTICULARS				=	AREA (SQM)
FAR AREA OF FLOOR	A	1	X	495.77	=	495.77
BALCONY FAR AREA OF FLOOR	B	1	X	15.25	=	15.25
TOTAL FAR AREA OF FLOOR	C=(A+B)					511.02
TOTAL FAR AREA (C)					=	511.02



REQUIRED REFUGE AREA CALCULATION ON 16TH FLOOR TOWER B1

		Area (SQM)
	PROPOSED REFUGE AREA	27.72
	TOTAL	27.72
(A)	GROSS AREA AT 16TH REFUGE FLOOR (FAR+NON-FAR)	557.96
(B)	GROSS AREA AT 17TH FLOOR (FAR+NON-FAR)	557.86
(C)	TOTAL GROSS AREA (A+B)	1115.82
(D)	NOs OF PERSONS (C/12.5)	89.27
(E)	REFUGE AREA REQUIRED (Dx0.3)	26.78
(F)	ADDITIONAL AREA FOR WHEEL CHAIR	0.90
(G)	TOTAL REFUGE AREA REQUIRED (E+F)	27.68
(H)	REFUGE AREA PROVIDED	27.72



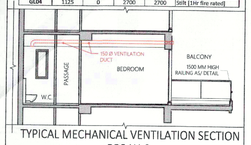
TOTAL FAR AREA CALCULATION AT TOWER B1-16TH REFUGE FLOOR

S.No.	PERTICULARS				=	AREA (SQM)
FAR AREA OF FLOOR	A	1	X	495.77	=	495.77
BALCONY FAR AREA OF FLOOR	B	1	X	15.16	=	15.16
TOTAL FAR AREA OF FLOOR	C=(A+B)					510.93
EXTRA REFUGE FAR AREA	D	1	X	0.00		0.00
TOTAL FAR AREA E=(C+D)					=	510.93

TOWER-B1

S.No.	FLOOR	GROUND COVERAGE (SQM)	FAR (SQM)	NON-FAR (SQM)	B.U.S.UP AREA (SQM)
1	BASEMENT				
2	GROUND STILTFLOOR	643.96	433.37	210.59	643.96
3	1st FLOOR		507.48	47.02	554.51
4	2nd FLOOR		507.87	47.02	554.89
5	3rd FLOOR		508.30	47.02	555.58
6	4th FLOOR		508.86	47.02	555.89
7	5th FLOOR		509.24	47.02	556.27
8	6th FLOOR		509.64	47.02	556.66
9	7th FLOOR		509.93	47.02	556.95
10	8th FLOOR		510.19	47.02	557.21
11	9th FLOOR		510.39	47.02	557.41
12	10th FLOOR		510.56	47.02	557.58
13	11th FLOOR		510.71	47.02	557.73
14	12th FLOOR		510.78	47.02	557.81
15	13th FLOOR		510.83	47.02	557.86
16	14th FLOOR		510.83	47.02	557.86
17	15th FLOOR		511.02	47.02	558.04
18	16th FLOOR(Refuge Floor)		510.93	47.02	557.96
19	17th FLOOR		510.83	47.02	557.86
20	18th FLOOR		510.78	47.02	557.81
21	19th FLOOR		510.71	47.02	557.73
22	20th FLOOR		510.56	47.02	557.58
23	21st FLOOR		510.39	47.02	557.41
24	22nd FLOOR		510.19	47.02	557.21
25	23rd FLOOR		509.93	47.02	556.95
26	24th FLOOR		509.60	47.02	556.62
27	25th FLOOR		509.20	47.02	556.22
28	26th FLOOR		508.70	47.02	555.72
29	27th FLOOR		508.23	47.02	555.26
30	28th FLOOR		507.84	47.02	554.86
31	29th FLOOR		501.34	47.02	548.36
32	30th FLOOR		500.99	47.02	547.97
33	TERRACE FLOOR			138.91	138.91
34	LIFT M/R & OHT FLOOR			186.91	186.91
	TOTAL	643.96	15,283.02	1,842.12	17,126.14

BUILDING IS CENTRALIZED MECHANICALLY VENTILATED ON ALL FLOOR & 100% POWER BACK UP



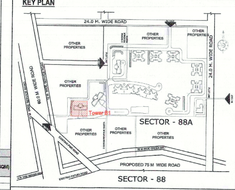
TYPICAL MECHANICAL VENTILATION SECTION FOR W.C.

TYPICAL MECHANINAL VENTILATION CALCULATION FOR W.C.

S.NO.	LOCATION	AREA (SQ.FT.)	HEIGHT (FT.)	VOLUME (CU.FT.)	DESIGN CFM
1.1	W.C.	8	11	93	100
SELECTED EXHAUST FAN				FAN SIZE	EXHAUST DUCT SIZE DIAMETER (mm)
				LxBxH (mm)	
1# 100 cfm cassette Inline fan				270x270x171	150 (OD)

PLUMBING LEGEND

SVP	110 OD SWR PVC SOIL & VENT PIPE
WP	110 OD SWR PVC WASTE & VENT PIPE
AAV	90 OD uPVC ANTI-SYPHONAGE PIPE
CW	DOMESTIC WATER SUPPLY DN. TAKE PIPE
CWP	DOMESTIC WATER SUPPLY DN. TAKE PIPE FOR UPPER SFLOOR
FRW	FLUSHING WATER SUPPLY DN. TAKE PIPE
RW	DOMESTIC WATER SUPPLY RISER PIPE FOR CH.T. PELLING
FRW	FLUSHING WATER SUPPLY RISER PIPE FOR CH.T. PELLING
RWP	110 OD uPVC RAIN WATER PIPE BALCONY
RWP	110 OD uPVC RAIN WATER PIPE FOR TERRACE



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

S.T.P (HK) Chairman B.P.A.C.

DTP(HQ)

ATP(HQ)

FSO, (HQ) Member BPAC

AD

PA

ATP

Rajeen Dutt SO(HQ)

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DATED:-

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SUBMISSION DRAWING

in forwarding letter to

OWNER

M/S ASHIANA LANDCRAFT REALTY PVT. LTD.

Authorised Signatory / Building Engineer (HQ) / Licensee

PROJECT

REVISED BUILDING PLAN FOR GROUP HOUSING COLONY OVER AN AREA MEASURING 24.125 ACRES (LICENCE NO.42 OF 2013 DATED 06.06.2013 & LICENCE NO.46 OF 2013 DATED 08.06.2013) IN THE REVENUE ESTATE OF VILLAGE HARSARU,SECTOR -88A,GURUGRAM

SCALE A0 / 1:100

DATE 12-09-2025

DRAWING TITLE

14,15,16TH FLOOR PLAN & AREA DIAGRAM

TOWER B1

ARCHITECTS

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architecture urban design hospitality interiors

DRAWING NO. S-TB1-106

REVISION R0

D/W ID	FINISHED FRAME WIDTH (mm)	SILL (mm)	LINTEL (mm)	HEIGHT (mm)	LOCATION ROOM
DT01	1500	0	2700	2700	Drawing room (Entrance)
DT02	1000	0	2400	2400	Bedroom
DT03	900	0	2400	2400	Toilet & Powder room
DT04	850	0	2400	2400	Utility Toilet
DT05	1500	0	2700	2700	Lift Lobby
DT06	1000	0	2700	2700	Changing Room,Cafd
DT07	900	0	2700	2700	Pantry/ Trainee's room/Wash area
DT08	800	0	2700	2700	Toilet
DT32	1200	0	2700	2700	Public Staircase
DX 01	4150	100	2700	2600	Drawing room
DX 03	3000	100	2700	2600	Drawing room, Bedroom
DX 04	2398	100	2700	2600	Drawing room
DX06	1485	0	2700	2700	Kitchen
DX 08	1375	0	2700	2700	Bedroom
FD 01	1200	0	2700	2700	Lobby (2hr fire rating)
FD 02	1500	0	2700	2700	Entrance(1hr fire rating)
FD 03	800	0	2700	2700	Ser.Par (2hr fire rating)
FD 04	900	100	2700	2600	FHC(2hr fire rating)
FD 05	750	100	2700	2600	LV (2hr fire rating)
FD 06	1200	100	2700	2600	Lift, Shaft(2hr fire rating)
WX01	1550	100	2700	2600	Staircase
WX02	1500	100	2700	2600	Study
WX03	1350	100	2700	2600	Master Bedroom
WX04	1300	100	2700	2600	Service Personnel
WX05	900	100	2700	2600	Master Bedroom
WX06	800	100	2700	2600	Utility toilet
WX07	600	600	2400	1800	Powder Room,Ensuit G2,Toilet
WX08	600	1200	2700	1500	Toilet, Pantry,LMR
WX09	600	1200	2400	1200	Utility toilet, Toilet
WX31	600	1200	2400	1200	Core
GL01	3000	0	BOB	BOB	Stilt (1Hr fire rated)
GL03	2000	0	BOB	BOB	Basement (1Hr fire rated)
GL04	1125	0	2700	2700	Stilt (1Hr fire rated)