

PLUMBING LEGEND:	
(1)	110 OD SOU. PIPE
(2)	110 OD WASTE PIPE
(3)	75 OD AIR VENT PIPE
(4)	DOMESTIC WATER SUPPLY PIPE
(5)	FLUSHING WATER SUPPLY PIPE
(6)	DOMESTIC WATER RISER PIPE TO OH1
(7)	FLUSHING WATER RISER PIPE TO OH1
(8)	110 OD RAIN WATER PIPE
(F1)	FLOOR TRAP CUTOFF
(FD)	FLOOR DRAIN
(BD)	BALCONY DRAIN
(MT)	MULTY FLOOR TRAP
(FCO)	FLOOR CLEAN OUT PLUG

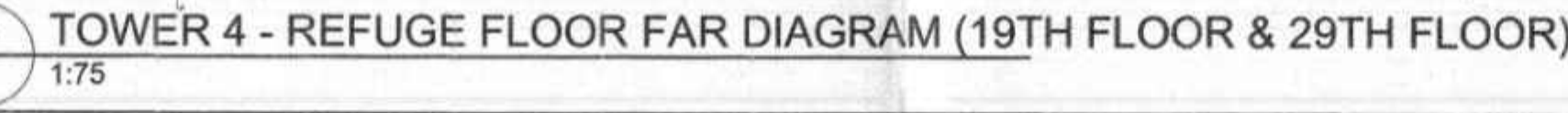
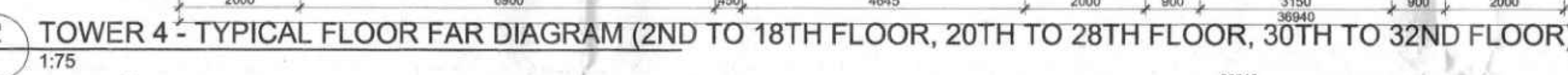
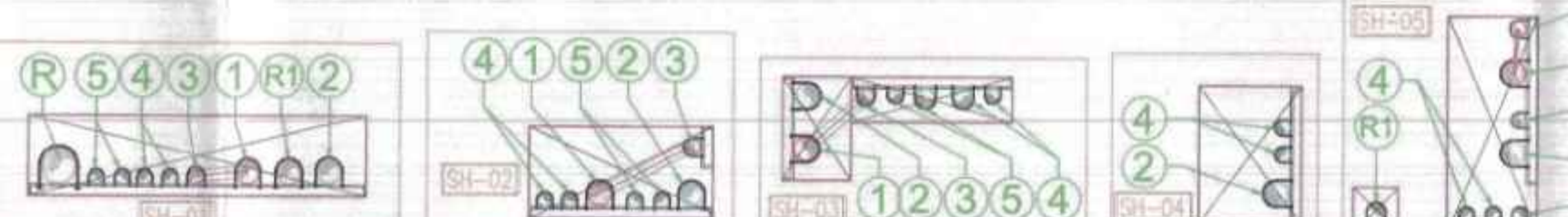
PIPE CONNECTION DIA :-	
WC TO STACK	110 OD uPVC SOIL PIPE
URINAL BASIN TO UT	50 OD uPVC SOIL PIPE
UT TO STACK	110 OD uPVC SOIL PIPE
WASH BASIN TO FT	40 OD uPVC WASTE PIPE
FT TO STACK	110 OD uPVC WASTE PIPE
FD TO FT	63 OD uPVC WASTE PIPE
SINK TO FT	50 OD uPVC WASTE PIPE

PIPE SLOPE TABLE :-	
160 OD SOIL & WASTE PIPE	SLOPE- 1:100
110 OD SOIL & WASTE PIPE	SLOPE- 1:70

TOWER 4	
REFUGE AREA CALCULATION AS/ NBC 2016 ANNEX 5.1.4	
AREA OF REFUGE FLOOR	556.26
AREA OF FLOOR BELOW REFUGE	585.75
COVERED AREA FOR 2 CONSECUTIVE FLOORS	1140.38 SQM
OCCUPANT LOAD @ 12.5 SQM/ PERSON	92
0.3 sqM Refuge Area To be Provided per occupant load & 0.9 sqm additional for accommodating wheelchair requirement	
REFUGE AREA REQUIRED	28.5 SQM
REFUGE AREA PROVIDED	30.49 SQM

REFUGE AREA CALCULATION

N08 * 1 =	5.462 SQ
N08** 1 =	3.942 SQ
N09 * 2 =	10.62 SQ
N10 * 1 =	10.473SQ
REFUGE AREA PROVIDED =	30.497SQ



Door Window Schedule				
Typical Floors - Rough Maximum Opening				
	Width	Lintel	Height	Sill
DOOR				
DZ	0	1200	2200	2100
D1	100	2400	2450	2450
D2	800	2450	2450	2450
D3	700	2450	2450	2450
D4	1200	2450	2450	2450
D5	900	0	0	0
FIRE DOOR				
FD1	1000	2200	2100	2100
FD2	800	2200	2100	2100
FD3	1200	2450	2450	2450
FD4	1500	2450	2450	2450
DOOR/WIN				
DW1	5400	2450	2450	2450
DW2	2400	2450	2150	2150
DW3	2400	2450	2450	2450
DW4	1800	2450	2450	2450
DW5	1950	2450	2150	2150
DW6A	1800	1600	1500	1050
DW6B	1240	1550	1600	1850
DW7	2400	2450	2450	2450
DW8	3600	2450	2450	2450
DW9	2400	2450	2150	2150
DW10	1650	2450	2450	2450
WINDOW				
W1	600	2450	1550	90
W2	450	2450	1550	90
W3	915	2450	2150	30
W4	1200	2450	2150	30

[illegible]

Description	Deductions			No. of figures	Total Area (sqm)
	Length (mm)	Breadth (mm)	Area (sqm)		
Area of rectangle 501	1100	150	0.165	4	0.660
Area of rectangle 502	1200	450	0.765	4	3.060
Area of rectangle 503	800	150	0.120	4	0.480
Area of rectangle 504	900	250	0.225	4	0.900
Area of rectangle 505	1650	800	1.320	4	5.280
Area of rectangle 506	2100	850	1.785	4	7.140
Area of rectangle 507	300	600	0.180	4	0.720
Area of rectangle 508	1850	1400	2.590	4	10.360
Area of rectangle 509	985	1200	1.182	4	4.728
Area of rectangle 510	2675	2650	7.089	2	14.178
Area of rectangle 511	1550	550	0.853	4	3.412
Area of rectangle 512	1800	500	0.900	1	0.900
Area of rectangle 513	2000	3050	7.015	2	14.030
Area of rectangle 514	1350	400	0.540	4	2.160
Area of rectangle 515	1300	750	0.975	4	3.900
Area of rectangle 516	2100	600	1.260	2	2.520
Area of rectangle 517	1850	750	1.388	1	1.388
Area of rectangle 5021	3300	2800	9.240	2	18.480
Area of rectangle N08	5400	2800	15.120	1	15.120
Total of all Deductions H/F					96.664

TOWER - 4					
TYPICAL FLOOR NON FAR AREA					
Additions					
Description	Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle N01	5335	2800	14.938	1	14.938
Area of rectangle N02	3200	1000	3.200	4	13.440
Area of rectangle N03	3100	800	1.860	1	7.440
Area of rectangle N04	4645	1650	7.664	4	30.657
Area of rectangle N05	835	750	0.626	4	2.505
Area of rectangle N06	1135	195	0.221	4	0.885
Area of rectangle N07	1560	2250	3.510	4	14.040
Area of rectangle N08	5400	2800	15.120	1	15.120
Total of all Additions 'A'					99.025
Deductions					
Description	Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Total of all Deductions 'B'					0.000
NET NON FAR AREA=A-B					99.025

TOWER-4 REFUGE FLOOR AREA					
Description	Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle A01	2500	5925	14.813	4	59.252
Area of rectangle A02	2000	6000	12.000	4	48.000
Area of rectangle A03	4000	5325	21.300	4	136.320
Area of rectangle A04	3000	1750	5.338	4	21.350
Area of rectangle A05	2000	2900	5.800	4	23.200
Area of rectangle A06	4000	5265	21.060	4	106.660
Area of rectangle A07	3000	1450	4.350	4	17.400
Area of rectangle A08	1570	1800	2.774	4	11.096
Area of rectangle A09	3000	1860	5.580	4	22.320
Area of rectangle A10	5000	1800	9.000	2	34.200
Area of rectangle A11	5695	4275	24.346	2	48.693
Area of rectangle A12	6440	3810	24.640	2	49.280
Area of rectangle A13	6855	3725	25.535	1	25.535
Area of rectangle A13	5960	1800	1.520	1	1.520
Area of rectangle A14	3650	1800	6.570	2	13.140
Area of rectangle A15	8400	3000	25.620	1	25.620
Area of rectangle A16	5900	6575	38.793	1	38.793
Area of rectangle A17	2275	1260	2.860	2	5.720
Area of rectangle A18	1115	1115	1.243	2	2.486
Area of rectangle A19	2590	3075	0.971	2	1.943
Area of rectangle A20	7545	4275	32.355	2	64.710
Area of rectangle A21	375	2000	0.750	2	1.500
Area of rectangle A22	2000	1650	3.300	2	6.600
Area of rectangle A23	715	250	0.179	1	0.179
Total of all Additions "A"					646.871

Description	Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle S01	1200	150	0.165	4	0.660
Area of rectangle S02	1100	400	0.76	3	3.180
Area of rectangle S03	800	150	0.120	4	0.480
Area of rectangle S04	900	250	0.225	4	0.900
Area of rectangle S05	1600	800	1.280	4	5.120
Area of rectangle S06	2100	800	1.760	4	7.040
Area of rectangle S07	500	600	0.180	8	1.440
Area of rectangle S08	1850	1400	2.590	4	10.360
Area of rectangle S09	861	220	0.188	4	0.752
Area of rectangle S10	2675	2650	0.708	2	14.170
Area of rectangle S11	0	0	0.000	1	0.000
Area of rectangle S12	1550	550	0.853	1	0.853
Area of rectangle S13	2300	3050	7.015	1	7.015
Area of rectangle S14	1300	600	0.900	1	0.900
Area of rectangle S15	1300	750	0.975	1	0.975
Area of rectangle S16	1100	1200	1.320	1	1.320
Area of rectangle S17	1850	750	1.388	1	1.388
Area of rectangle H01	5335	2800	14.938	1	14.938
Area of rectangle H11	5400	2800	15.120	1	15.120
Total of all Deductions H					90.626
NET FAR AREA= A-B					556.263

TOWER_4					
REFUGE FLOOD NON FAR AREA					
Additions					
Description	Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Area of rectangle /NO1/	5335	2800	14.980	1	14.939
Area of rectangle /NO2/	3000	1050	3.360	4	13.440
Area of rectangle /NO3/	3100	600	1.860	4	7.440
Area of rectangle /NO4/	4645	1650	7.665	4	30.657
Area of rectangle /NO5/	1135	195	0.221	4	0.884
Area of rectangle /NO6/	1560	250	0.390	4	1.560
Area of rectangle /NO7/	835	790	0.658	4	2.552
Area of rectangle /NO8/	950	5750	5.430	4	21.404
Area of rectangle /NO9/	950	4150	3.943	1	3.943
Area of rectangle /NO10/	940	5000	4.700	2	18.800
Area of rectangle /NO10/	3150	3375	10.474	1	10.474
Area of rectangle /NO11/	5400	2800	15.120	1	15.120
Total of all Additions 'A'					128.004
Deductions					
Description	Length (mm)	Breadth (mm)	Area (sqm)	No. of figures	Total Area (sqm)
Total of all Deductions 'B'					0.000

This is a "PROVISIONAL BUILDING PLAN" approved only for the purpose of inviting objections from the general public.

S. No.	Particulars	Area (sqm)	No. of figures	Total Area (sqm)
1	Plot Area	1000	1	1000
2	Building Area	500	1	500
3	Open Space	500	1	500
4	Other	0	0	0
5	Total	1000	2	1000

SUBMISSION DRAWINGS
FOR APPROVAL AND STAMPING

Handwritten: *H. H. H.*
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Member Secretary
B.P.A.C.
S.T.P. (G)
Member
B.P.A.C.
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DD (T)
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BPAC
AT

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CONSULTING MEP

 **AEON Integrated
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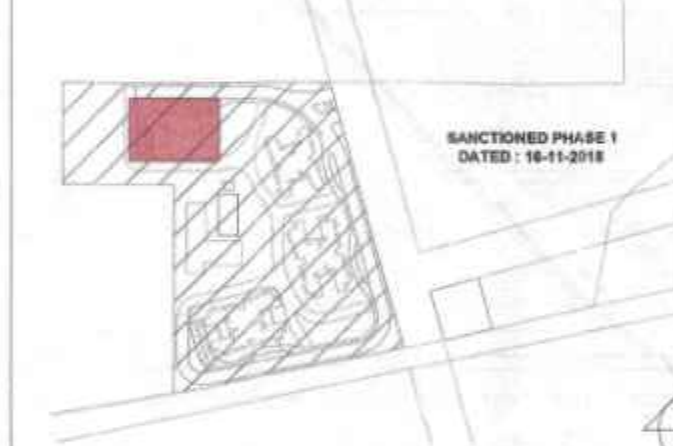
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CONSULTING LANDSCAPE ARCHITECT

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KEY PLAY



PROJECT

Revised Bidding Plan of Group Housing Colony measuring 14.025 Acres (Licence No.265, of 2007 dated 02-12-2007) in sector 62, Gurgaon Manesar Urban Complex, being developed by Juhi Promote Pvt Ltd & others in collaboration with Emaar MGF Land, Ltd.

Developer
Emaar India Ltd.

EMAAR Business Park, MG Road
Sikanderpur, Sector-28, Gurgaon
Haryana -122002

DEVELOPER'S SIGNATURE :



AUTHORIZED SIGNATORY

ARCHITECT'S SIGNATURE : _____

ARNAB DUTTA
24/12/2007/40529

DRAWING NAME
TOWER - 4
TYPICAL & REFUGE FLOOR PLAN

DRAWING NO.

8-22

SCALE	
DATE	AUG 200

NORTH