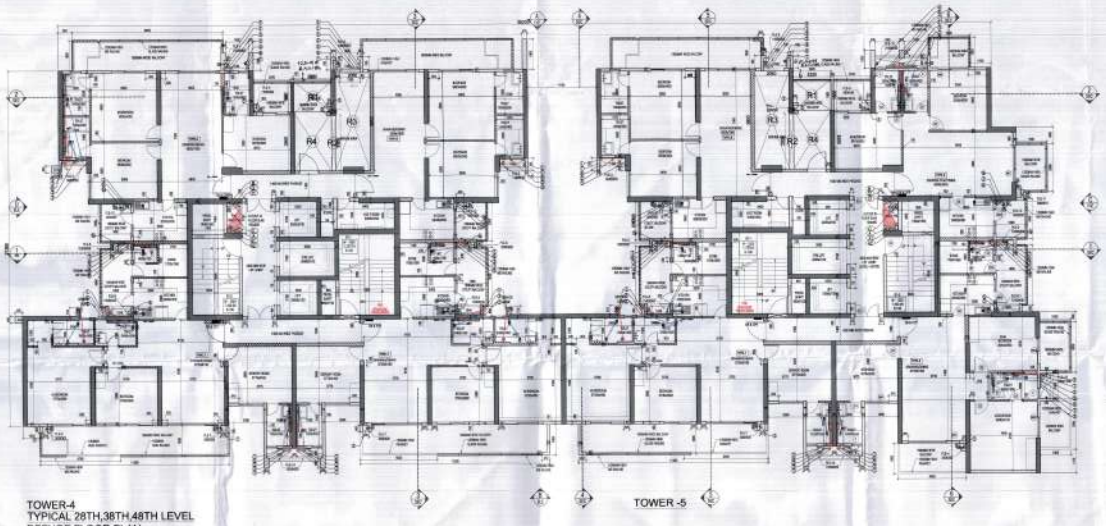


TOWER-4
TYPICAL 28TH,38TH,48TH LEVEL
REFUGE FLOOR PLAN

REFUGE AREA CALCULATIONS						
R1	1	2.200	1.8	1	3.996
R2	1	2.200	3.3	1	0.825
R3	1	2.000	5.96	1	11.903
R4	1	2.200	3.3	1	7.775
TOTAL REFUGE AREA CTD				=	24.503

TOWER - 4
REQUIRED REFUGE AREA
= AREA OF 4 FLOORS X
0.083 SQ.M/PERSON
= 20.64 +0.86 = 14.53 SQMT.
PROVIDED REFUGE AREA = 24.503 SQMT

TOWER - 5
REQUIRED REFUGE AREA
= AREA OF 5 FLOORS X
0.083 SQ.M/PERSON
= 22.15 + 0.92 = 23.03 SQMT.
PROVIDED REFUGE AREA = 24.503 SQMT

DOOR WINDOW SCHEDULE					
NAME	WIDTH	SILL	LINTEL	LOCATION	UNIT TYPE
D2	900	0	2100	BEDROOM ENTRY	2-3-5-6-7
D3	750	50	2100	TOILET KITCHEN	2-3-5-6-7
D3A	750	50	2400	SERVANT WC	2-3-5-6-7
F5	1200	00	2100	STAIRCASE (UNIT WIDE WIDTH)	-
F5A	1200	00	2100	LIFT LOBBY (UNIT WIDE WIDTH)	-
F5D	1200	00	2400	UNIT BRIDGE DOOR (UNIT WIDE WIDTH)	-
F5G	900	00	2100	LIFT MACHINE ROOM (UNIT WIDE WIDTH)	-
F5H	750	00	2100	SERVICE DUCT (UNIT WIDE WIDTH)	-
V	600	1200	2400	TOILET	2-3-5-6
W1	600	1200	2200	TOILET	7
W1	3000	50	2400	DRAWING/DINING	5-6-7
W2	3000	00	2400	M.BEDROOM	5-6-7
W3	1500	00	2400	BEDROOM	2-3-5-6-7
W4	1450	1100	2400	KITCHEN	2-3-5-6-7
W5	1500	00	2400	BEDROOM	2-3
W6	2400	00	2400	DRAWING/DINING	2
W7	2200	00	2400	DRAWING/DINING	3
W7	2900	300	2400	SERVANT TO DRAWING ROOM	-
W3	1800	300	2400	SERVANT TO DRAWING ROOM	-
W3	1500	300	2400	BEDROOM	6
W4	1450	300	2400	BEDROOM	5-7

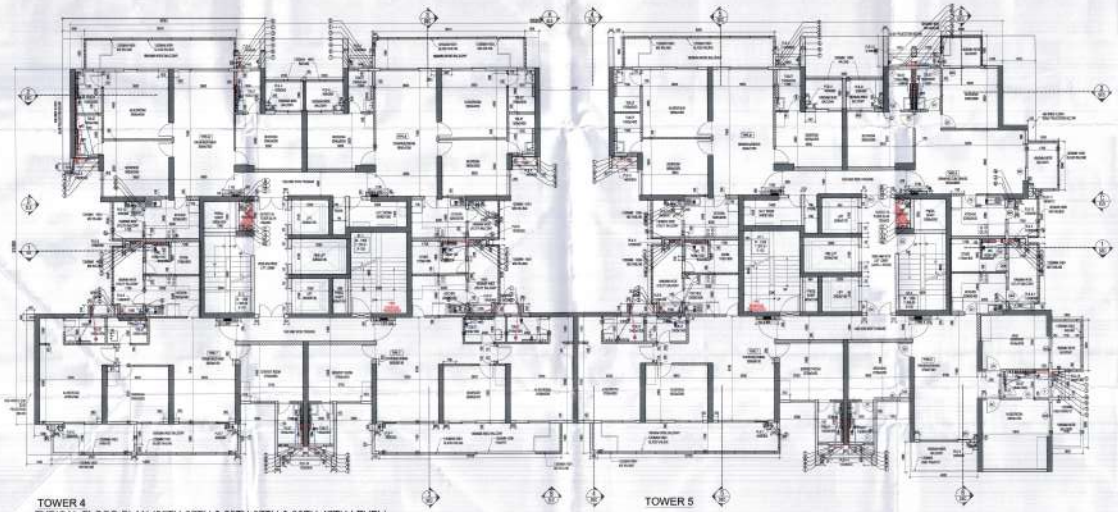
PLUMBING LEGEND:-

1.	100Ø SOIL PIPE / VENT PIPE
2.	100Ø WASTE / VENT PIPE
3.	75Ø VENT PIPE
4	150Ø RAIN WATER PIPE
5	75Ø BALCONY DRAIN PIPE
5a	75Ø UTILITY BALCONY DRAIN PIPE
6	DOMESTIC DOWN TAKE
7	FLUSHING DOWN TAKE
9	DOMESTIC RISER PIPE
10	FLUSHING RISER PIPE
A29	ACCESS DOOR
■	KHURRA 200X200 (FOR BALCONY)
●	FLOOR DRAIN (FD)
●	FLOOR TRAP (FT)
	FIRE HOSE CABINET
	150x150mm CUTOUT FOR WC-FT
	100x100mm CUTOUT FOR FD
	75x75mm CUTOUT FOR WASH BASIN
A	150Ø FIRE HYDRANT LOW ZONE
A1	150Ø FIRE HYDRANT MID. ZONE
A2	150Ø FIRE HYDRANT HIGH ZONE
B	80Ø FIRE DRAIN PIPE
C	~~150Ø FIRE SPRINKLER LOW ZONE~~
C1	150Ø FIRE SPRINKLER MID. ZONE
C2	150Ø FIRE SPRINKLER HIGH ZONE

NOTE:-
ALL SERVICES SHAFTS WILL BE SEALED AT EVERY FLOOR LEVEL AFTER INSTALLING SERVICES.

GENERAL NOTES :

1. DRAWINGS IN P, & FP SERIES REPRESENTS PLUMBING AND FIRE SUPPRESSION SYSTEM DETAIL.
2. IN CASE OF ANY DISCREPANCY IT SHOULD BE BROUGHT TO THE NOTICE OF ARCHITECT / PROJECT MANAGER / CONSULTANT.
3. DRAWING SHOULD NOT BE SCALED ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
4. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL, LAND SCAPING, STRUCTURAL, AND OTHER SERVICES DRAWING.
5. ALL SERVICES SHAFTS SHOULD BE SEALED AT EVERY FLOOR LEVEL AFTER INSTALLING SERVICES.



TOWER 4
TYPICAL FLOOR PLAN (25TH-27TH & 29TH-37TH & 39TH-47TH LEVEL)
(123 UNIT IN NO. SERVENT ROOM UPTO 44TH FLOOR IN TOWER-4 & 5)
(2 UNIT IN NO. SERVENT ROOM IN 45TH FLOOR IN ONLY TOWER- 4)

ACPL

ACPL Design LLP

REVISED BUILDING PLANS OF MIXED LAND USE COLONY (70% RESIDENTIAL + 30% COMMERCIAL) MEASURING 14.6125 ACRES (LICENCE NO. 15 OF 2017 DATED-02.02.2017) UNDER TOD POLICY DATED 09.02.2016 IN SECTOR-85, GURUGRAM, BEING DEVELOPED BY MANGLAM MULTIPLEX PVT. LTD.

OWNER/PATRON SIGNATURE
ARCHITECT'S SIGNATURE

TYPICAL FLOOR 25TH-27TH,29TH-37TH,39TH-47TH PLANS & 28TH,38TH,48TH REFUGE FLOORS & TERRACE PLAN (TOWER - 4 & 5)

A-40

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