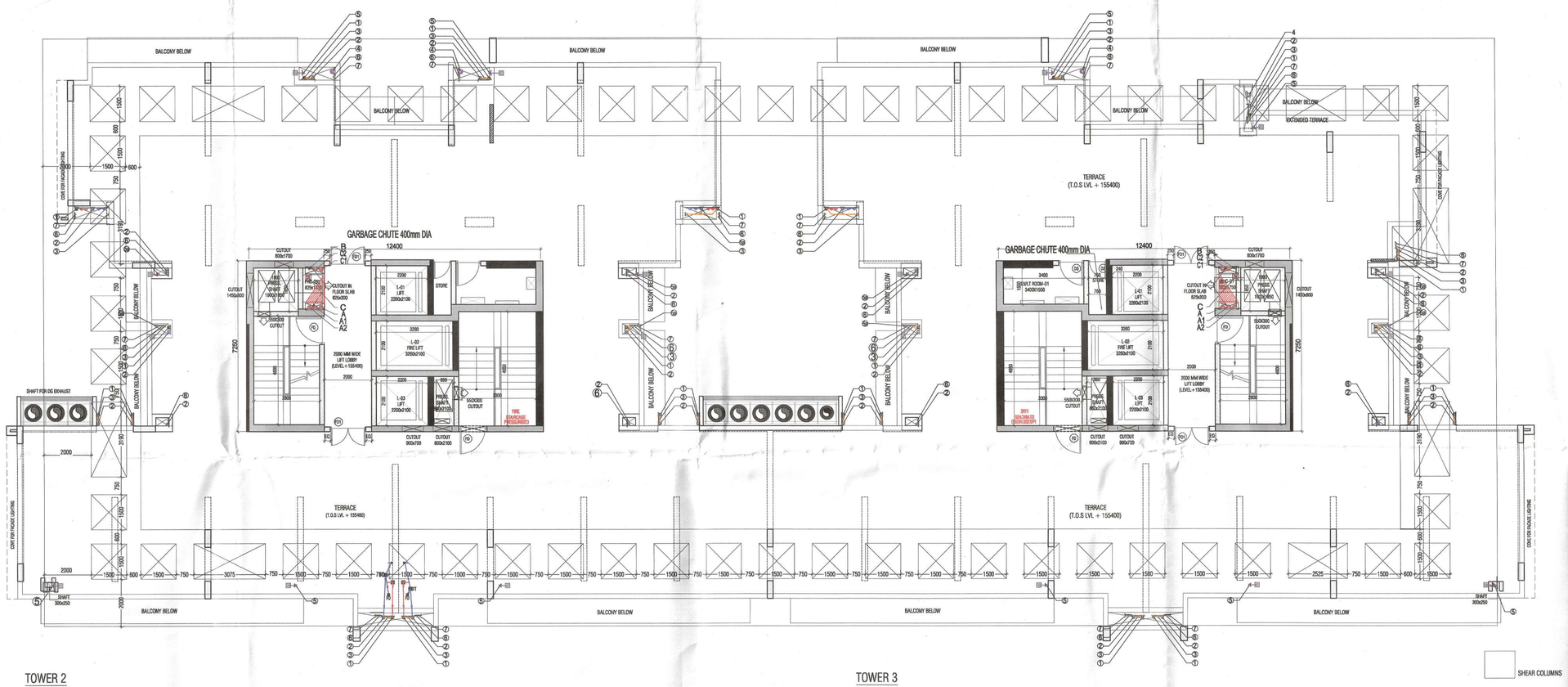
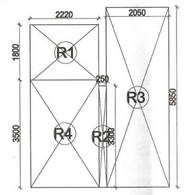


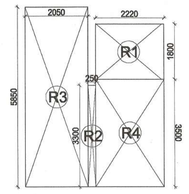
TOWER 2
TERRACE LEVEL PLAN

TOWER 3

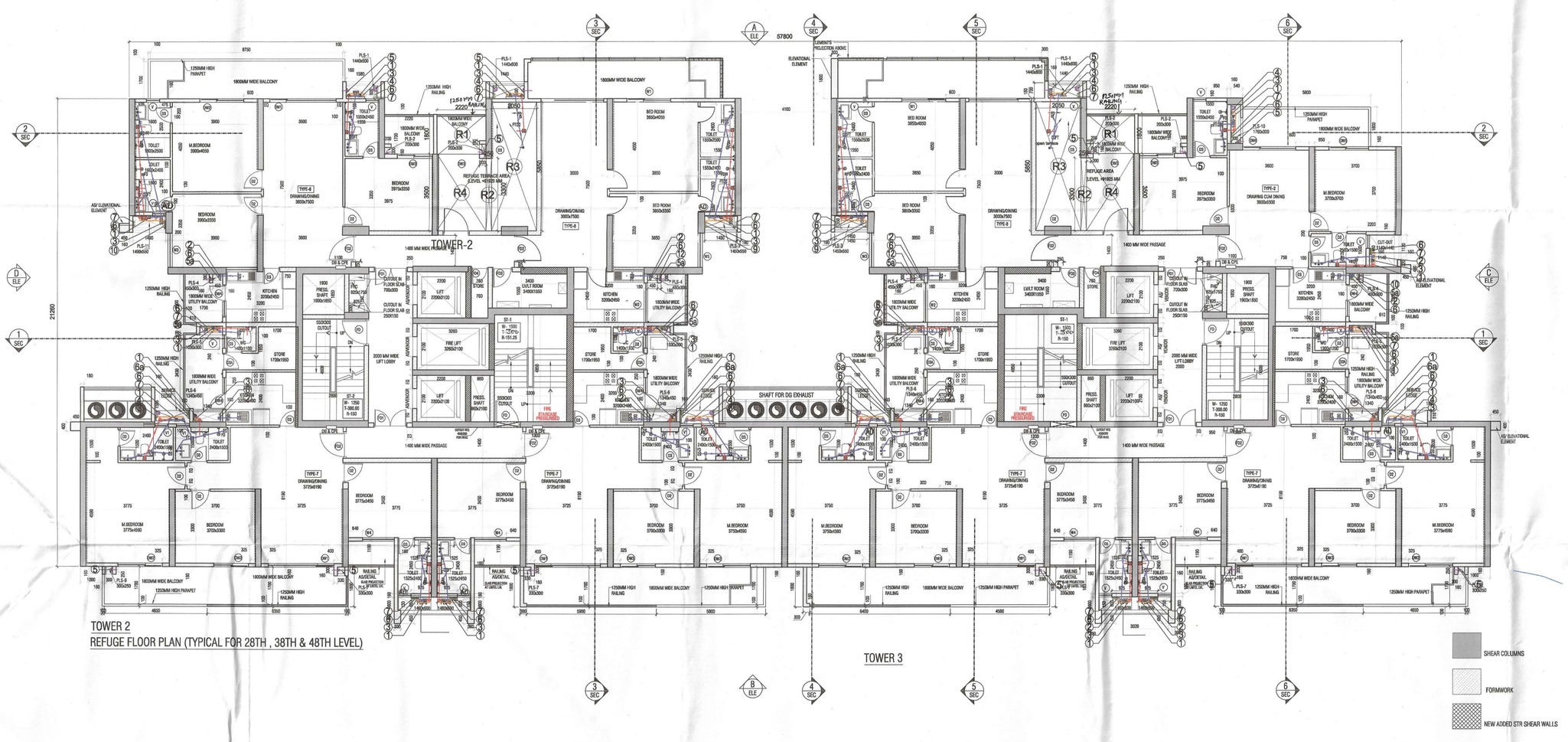
SHEAR COLUMNS
FORMWORK
NEW ADDED STR SHEAR WALLS



REFUGE AREA DIAGRAM



TOWER-3
REFUGE AREA DIAGRAM



TOWER 2
REFUGE FLOOR PLAN (TYPICAL FOR 28TH , 38TH & 48TH LEVEL)

SHEAR COLUMNS
FORMWORK
NEW ADDED STR SHEAR WALLS

This is a conditional building plan approved only for the purpose of inviting objections from the general public

ATP(HQ) | STP(HQ) Member Secretary BPAC | STP(CO) President BPAC

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. SE(HQ)/____ Dt. 21/12/2022. 63130

Superintending Engineer (HQ) for Chief Engineer-I PSS, Panchkula

DDR(T) MEMBER, BPAC

Ram Avtar Bansl AD(HQ)

TO BE READ WITH THIS OFFICE MEMO NO.: 30290 DATED: 6/12/2022

JD. P.A. ATP.

TOWER - 3

REQUIRED REFUGE AREA = AREA OF 2 FLOOR X 0.3 / 12.5 = (463.545+463.545)X0.30 / 12.5 = 927.09X0.3 / 12.5 = 22.25÷0.90 = 23.15 SQMT.

PROVIDED REFUGE AREA = **24.583**SQMT.

TOWER - 2

REQUIRED REFUGE AREA = AREA OF 2 FLOOR X 0.3 / 12.5 = (492.338+492.338)X0.30 / 12.5 = 984.67X0.3 / 12.5 = 23.63÷0.90 = 24.53 SQMT.

PROVIDED REFUGE AREA = **24.583** SQMT

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
AD	ACCESS DOOR
▥	KHURRA 200X200 (FOR BALCONY)
●	FLOOR DRAIN (FD)
●	FLOOR TRAP (FT)
○	FLOOR CLINE OUT (FCO)
▣	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 PL & FF 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 L BE SEALED AT EVERY FLOOR LEVEL AFTER INSTALLING SERVICES.**

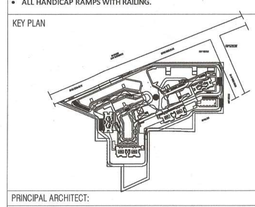
PSR- PLUMBING SHAFT OF RESIDENTIAL
PMS- PLUMBING MASTER SHAFT

DOOR WINDOW SCHEDULE

NAME	WIDTH	SILL	LINTEL	LOCATION	UNIT TYPE
D2	900	0	2100	BEDROOM ENTRY	2-3-5-6-7
D3	750	00	2100	TOILET,KITCHEN	2-3-5-6-7
D3A	750	00	2400	SERVANT RM.	2-3-5-6-7
FD	1200	00	2100	STAIRCASE 2 HR FIRE RATING	--
FD1	1500	00	2100	LIFT LOBBY 2 HR FIRE RATING	--
FD2	1200	00	2400	UNIT ENTRANCE DOOR 1 HR FIRE RATING	--
FD3	900	00	2100	LV/LT ROOM 2 HR FIRE RATING	--
FD4	750	00	2100	GARBAGE CHUTE 2 HR FIRE RATING	--
V	600	1200	2400	TOILET	2-3-5-6-7
V1	600	1050	2250	TOILET	7
DW1	3000	00	2400	DRAWING/DINING	5-6-7
DW2	2000	00	2400	M.BEDROOM	5-6-7
DW3	1600	00	2400	BEDROOM	2-3-5-6-7
DW4	1450	1100	2400	KITCHEN	2-3-5-6-7
DW5	1800	00	2400	BEDROOM	2-3
DW6	2400	00	2400	DRAWING/DINING	2
DW7	2200	00	2400	DRAWING/DINING	3
W1	2000	300	2400	REFUGE FL. COMMON ROOM	--
W2	1800	300	2400	REFUGE FL. COMMON ROOM	--
W3	1550	300	2400	BEDROOM	6
W4	1450	300	2400	BEDROOM	5-7

NOTES:
- ALL LIFTS SHALL HAVE 100% POWER BACK-UP.
- ALL ELECTRICAL INSTALLATIONS SHALL BE AS PER PROVISION OF NBC.
- FIRE-FIGHTING / SAFETY PROVISIONS WILL BE AS PER RELEVANT NBC PROVISIONS.
- BASEMENT AREA SHALL HAVE MECHANICALLY VENTILATED AS PER RELEVANT CODE.
- ALL TOILETS ARE VENTILATED AS PER HARYANA BUILDING CODE 2017.
- BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC
- BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT I.S. CODES FOR EARTHQUAKE RESISTANCE.
- ALL HIGH RISE BUILDING ARE INTERCONNECTED THROUGH CORRIDOR / BRIDGES.
- SOLAR PANELS OF REQUIRED CAPACITY SHALL BE PROVIDED ON ROOF TOP AS PER HAREDA /ZONING NORMS.
- ONE EXTERNAL WALL TOWARDS BALCONY SIDE IN ANY ONE OF THE ROOMS IN RESIDENTIAL APARTMENT SHOULD BE IN 1 HR. FIRE RATED WITH PROVISION OF SPRINKLER ON INTERNAL SIDE OF THE SAME WALL.
- ALL HANDICAP RAMPS WITH RAILING.

KEY PLAN



ORIENTATION: N

PRINCIPAL ARCHITECT:

ACPL Design Ltd

ISO 9001:2008

Architecture Management Planning

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PROJECT:-
REVISED BUILDING PLANS OF MIXED LAND USE COLONY (70% RESIDENTIAL + 30% COMMERCIAL) MEASURING 14.4125 ACRES (LICENCE NO. 15 OF 2017 DATED-02.05.2017) UNDER TOD POLICY DATED 09.02.2016 IN SECTOR-65, GURUGRAM BEING DEVELOPED BY MANGLAM MULTIPLEX PVT. LTD.

FOR MANGLAM MULTIPLEX PVT. LTD
AUTH. SIGNATORY/DIRECTOR
OWNER/AUTH. SIGNATURE

ARCHITECT'S SIGNATURE

DRAWING TITLE
REFUGE 28TH,38TH,48TH & TERRACE PLAN ((TOWER - 2 & 3)

DRAWING NO. A-28A | SCALE :- 1:100

1:0.984623