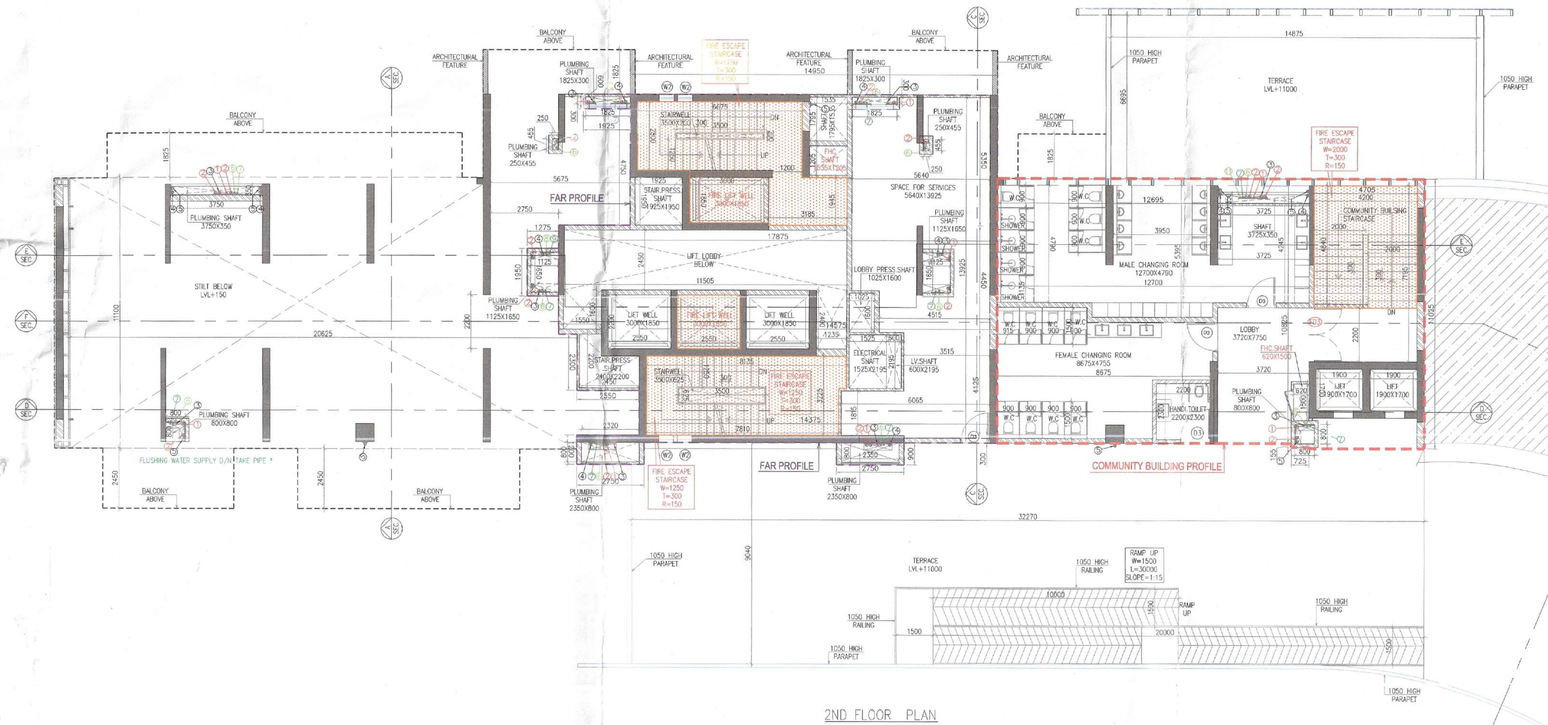


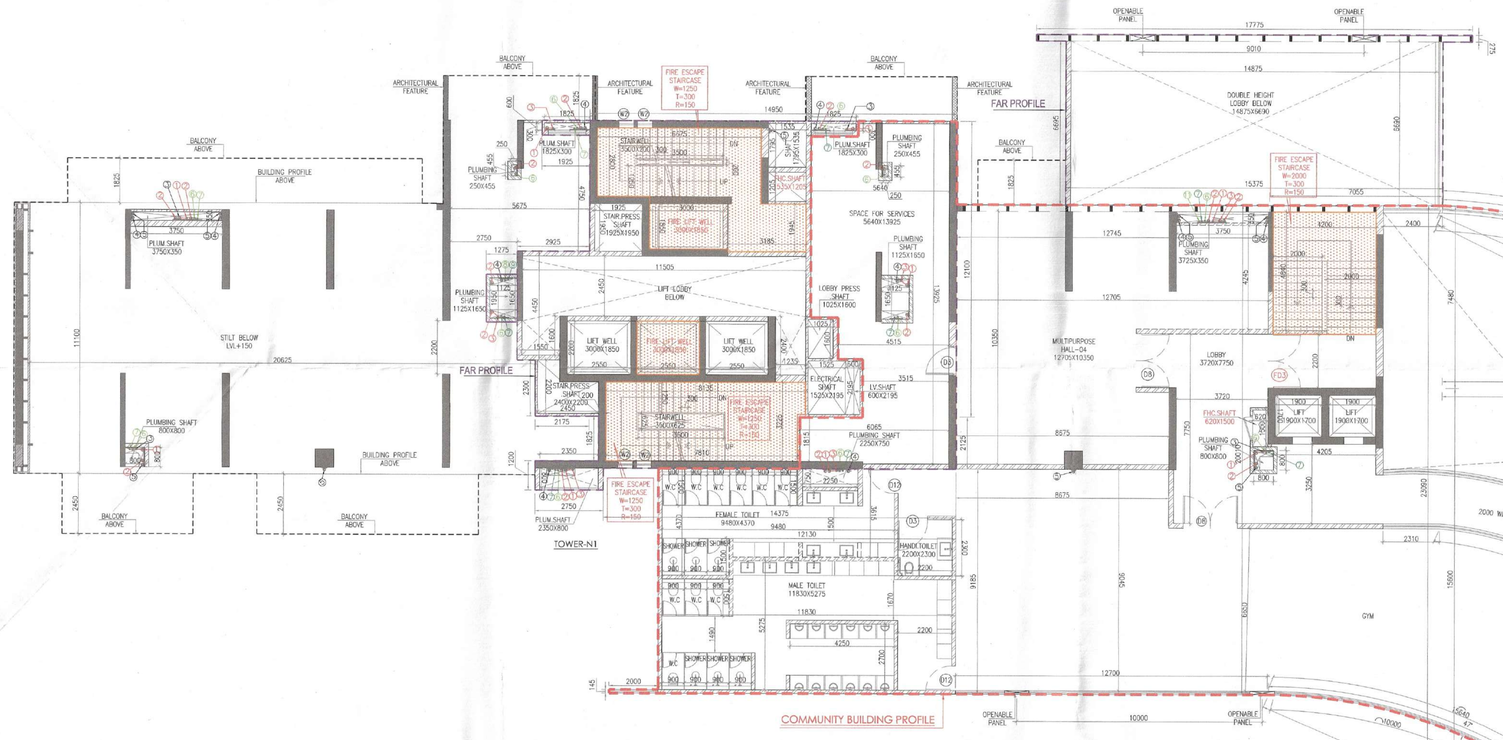
2ND FLOOR PLAN
LVL +11000

OCCUPANT LOAD CALCULATION(2ND FLOOR -COMMUNITY BUILDING)

OCCUPANT LOAD ON GROSS AREA OF 2ND FLOOR POOL & DECK (331.484 SQM @ 1 PERSON / 1.4 SQM)	= 237 PERSONS
OCCUPANT LOAD ON GROSS AREA OF 2ND FLOOR CHANGING,STAIRCASES,CORRIDOR,LIFT, LIFT LOBBY (246.829 SQM @ 1 PERSON / 6 SQM)	= 41 PERSONS
OCCUPANT LOAD ON GROSS AREA OF 2ND FLOOR SERVICE AREA (331.484 SQM @ 1 PERSON / 30 SQM)	= 11 PERSONS
TOTAL OCCUPANT LOAD	= 289 PERSONS

REQUIRED EXIT WIDTH OF STAIRCASES @ 1 PERSON/10MM FOR 289 PERSONS = 2890 MM SAY 3000 MM BUT MINIMUM 2NOS. OF STAIRCASES OF 2M WIDTH EACH REQUIRED.

PROPOSED EXIT WIDTH OF STAIRCASES @ 2ND FLOOR FOR COMMUNITY BUILDING = 4000 MM



1ST FLOOR PLAN
LVL +6800

OCCUPANT LOAD CALCULATION(1ST FLOOR -COMMUNITY BUILDING)

OCCUPANT LOAD ON GROSS AREA OF 1ST FLOOR GYM & HALL (361.150 SQM @ 1 PERSON / 1.4 SQM)	= 258 PERSONS
OCCUPANT LOAD ON GROSS AREA OF 1ST FLOOR, TOILET,STAIRCASES,CORRIDOR,LIFT, LIFT LOBBY (480.348 SQM @ 1 PERSON / 6 SQM)	= 80 PERSONS
OCCUPANT LOAD ON GROSS AREA OF 1ST FLOOR SERVICE AREA (149.270 SQM @ 1 PERSON / 30 SQM)	= 05 PERSONS
TOTAL OCCUPANT LOAD	= 343 PERSONS

REQUIRED EXIT WIDTH OF STAIRCASES @ 1 PERSON/10MM FOR 343 PERSONS = 3430 MM SAY 3500 MM BUT MINIMUM 2NOS. OF STAIRCASES OF 2M WIDTH EACH REQUIRED.

PROPOSED EXIT WIDTH OF STAIRCASES @ FIRST FLOOR FOR COMMUNITY CENTER = 4000 MM

SCHEDULE OF PIPES :

LEGEND	DESCRIPTION
1	110 OD uPVC SOIL PIPE & VENT PIPE
2	110 OD uPVC WASTE PIPE & VENT PIPE
2A	110 OD uPVC WASTE PIPE FOR KITCHEN & UTILITY BALCONY
3	75 OD uPVC ANTI-SYPHONAGE PIPE
4	110 OD uPVC TERRACE RAIN WATER PIPE
4A	110 OD uPVC BALCONY RAIN WATER PIPE
7	FLUSHING WATER SUPPLY D/N TAKE PIPE *
8	DOMESTIC WATER SUPPLY RISER *
9	FLUSHING WATER SUPPLY RISER *
10	DOMESTIC WATER SUPPLY D/N TAKE PIPE FOR TOP 4TH FLOOR
11	DOMESTIC WATER SUPPLY D/N TAKE PIPE FOR TOP 4TH FLOOR

DOOR/WINDOW SCHEDULE

TYPE	WIDTH	HEIGHT	LINTEL	SILL
D1	800	2400	2400	00
D2	750	2400	2400	00
D3	900	2400	2400	00
D4	1000	2400	2400	00
D5	1200	2400	2400	00
D6	750	2100	2400	00
D7	1500	2400	2400	00
D8	2200	2400	2400	00
D9	2400	2400	2400	00
D10	800	2100	2400	00
D11	1000	2100	2400	00
D12	900	2100	2400	00
D13	1500	2100	2400	00
SD1	2300	2400	2400	00
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
DOOR & WINDOW				
UW1	1825	2150	2100	00
WINDOW				
W1	1825	1800	2100	300
W2	600	900	2100	1200
W3	550	600	2100	1350
W4	550	600	2100	1200
SHAFT DOOR				
AD1	900	1950	2100	150
AD2	700	1850	2100	150
AD3	1000	1950	2100	150

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 2044/1 dt 24/1/23

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

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

S.T.P. (HQ) Member Secretary B.P.A.C. | S.T.P. (IR) Member B.P.A.C. | DTP (HQ) Chairman B.P.A.C.

Consultant Architect | ATP(HQ)

Ram Avtar Basel
JD(HQ)

TO BE READ WITH THIS OFFICE MEMO NO. DATED :

12.

Note :-

1. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM WHEREVER REQUIRED BY NBC.
2. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVENT IS CODES FOR EARTH QUAKE RESISTANCE.
3. ALL TOILET & KITCHEN HAVE PERMANENT VENTILATION /EXHAUST

PROJECT

PROPOSED(ADDITION / ALTERATION) BUILDING PLAN OF GROUP HOUSING COLONY AREA MEASURING 14.365625 ACRES (LICENCE NO. 74 OF 2012 DATED 31-07-2012 FOR 10.096875 ACRES AND LICENCE NO. 186 OF 2023 DATED 12-09-2023 FOR 4.26875 ACRES) IN SECTOR -2 GWAL PAHARI BEING DEVELOPED BY FANTASY BUILDWELL PVT. LTD . AND OTHERS.

ARCHITECT

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New Delhi-110070.
Tel.: 011-26898616,26898617
www.rsms-arch.com

ARCHITECT'S SEAL & SIGNATURE | OWNER'S SEAL & SIGNATURE

Name : ASHISH DEY

OCT. 2023. | Scale : 1:100 | Drawing No: -

Drawing Title: -
1ST & 2ND FLOOR PLAN, TOWER -N2 & N2, COMMUNITY BUILDING

T1-02

PARAS-GWAL PAHARI