EXIT WIDTH CALCULATION AS/NBC

S.NO	FLOOR	FLOOR AREA (SQM)		PER PERSON AREA (SQM)	NUMBER OF SEATS	OCCUPANT LOAD	WIDTH PER PERSON (MM)	WIDTH REQUIRED AS PER OCCUPANCY (MM)	NO OF STAIRCASE PROPOSED ST-01 TO S-16 (IN)	NO.S & WIDTH OF EXIT DOORWAYS PROVIDED	WIDTH PROVIDED (MM)
1	FIRST FLOOR	7,602.403	RETAIL	6		1282	10	**12821**	6	12000	DIRECT EXIT AT GR. LVL.

AREA/3 (Occupant Load) FOR RETAIL LOWER FLOOR AREA/6 (Occupant Load) FOR RETAL UPPER FLOORS	PERMANENT POPULATION		FLOATING POPULATION	
	M	F	M	F
WC	1 for upto 15 2 for 16 to 35 3 for 36 to 65 4 for 66 to 100	1 for upto 12 2 for 13 to 25 3 for 26 to 40 4 for 41 to 57 5 for 58 to 77 6 for 78 to 100	1 per 50	1 per 50
BASIN	1 for upto 15 2 for 16 to 35 3 for 36 to 65 4 for 66 to 100	1 for upto 12 2 for 13 to 25 3 for 26 to 40 4 for 41 to 57	1 per 50	1 per 50
URINALS	Nil upto 6 1 for 7-20 2 for 21-45 3 for 46-70 4 for 71-100	-	1 per 50	-

FIRST /FLOOR	AREA	TOTAL OCCU.	PERMANENT POPULATION			FLOATING POPULATION		
			TOTAL	M	F	TOTAL	M	F
	7602.403	1282	128	80	48	1154	769	385
WC				3	3		15	5
BASIN				3	3		15	5
URINALS				3	--		15	-

TOTAL	
M	F
19	10
19	10
19	10

PROPOSED	
M	F
19	10
19	10
19	10

SCHEDULE FOR DOOR WINDOW OPENINGS

NAME	WIDTH	HEIGHT	LINTEL	CILL	LOCATION	REMARKS
FD	1200	2100	+2100	±00	FIRE STAIR-CASE	2HOURS FIRE RATED
D1	1000	2100	+2100	±00	KIOSK/TOILET	
D2	750	2100	+2100	±00	TOILET	
DW	1200	2100	+2100	±00	SHOP	
FD2	1500	2100	+2100	±00	FIRE STAIR-CASE / ELECTRICAL / LV RM	2HOURS FIRE RATED
FD3	1800	2100	+2100	±00	FIRE STAIR-CASE/ LIFT LOBBY	2HOURS FIRE RATED
FD4	3000	2100	+2100	±00	LIFT LOBBY	2HOURS FIRE RATED
FD5	900	1800	+2100	+300	FHC / E/EC. / LV /SHAFT	2HOURS FIRE RATED
FD6	2400	2100	+2100	±00	PUMP ROOM/ DOM. WATER TANK	2HOURS FIRE RATED
FD7	1200	2100	+2100	±00	FAN ROOM	2HOURS FIRE RATED
FD8	2000	2100	+2100	±00	DG ROOM	2HOURS FIRE RATED
RSD1	3000	3000	+3000	±00	HVAC ROOM	ROLLING SHUTTER DOOR
RSD2	4000	3000	+3000	±00	DG ROOM ALT & TRANSFORMER	ROLLING SHUTTER DOOR
RSD3	3700	3000	+3000	±00	TRANSFORMER ROOM	ROLLING SHUTTER DOOR

LEGENDS

- EXHAUST AIR DUCT
- FRESH AIR DUCT
- PRESSURIZATION DUCT

1600x700 DUCT 74500 CFM FOR LOBBY PRESSURIZATION

1600x700 MASONRY SHAFT 71500 CFM FOR STAIRCASE PRESSURIZATION

1600x700 MASONRY SHAFT 74500 CFM FOR STAIRCASE PRESSURIZATION

1600x700 MASONRY SHAFT 71500 CFM FOR LOBBY PRESSURIZATION

1600x700 DUCT 74500 CFM FOR STAIRCASE PRESSURIZATION

1600x700 MASONRY SHAFT 71500 CFM FOR LOBBY PRESSURIZATION

MASONRY SHAFT 22400 CFM FOR STAIRCASE PRESSURIZATION

MASONRY SHAFT 12800 CFM FOR LOBBY PRESSURIZATION

FIRST FLOOR

DTP (HQ) — S.T.P. (HQ) Member Secretary E.P.A.C. — S.T.P.(G) Member E.P.A.C. — Dy.CP(Hr.) Chairman E.P.A.C.

Consultant Architect — ATP(HQ) — DDA (T) MEMBER BPAC — (Dinesh Kumar) PA(HQ)

AD — ATP — ATP

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO.:
DATED :

Checked and found ok for Public Health (Internal) Service only subject to comments in forwarding letter No. ..... Dt/.....

Superintending Engineer (HQ) for Chief Engineer (Plg.) HSVP, Panchkula

IDEWAR

TYPICAL TOILET DETAIL
WATER SUPPLY LAYOUT PLAN
FIRST & SECOND FLOOR PLAN

TYPICAL TOILET DETAIL
DRAINAGE LAYOUT PLAN
FIRST & SECOND FLOOR PLAN

LEGEND FOR PLUMBING	
(1')	150Ø SOIL & VENT PIPE
(2')	150Ø WASTE & VENT PIPE
(1)	100Ø SOIL & VENT PIPE
(2)	100Ø WASTE & VENT PIPE
(3)	90 OD VENT PIPE
(3')	100Ø KITCHEN WASTE & VENT PIPE
(4)	DOM. WATER LINE TERRACE ALL FLOOR
(5)	FLU. WATER LINE TERRACE ALL FLOOR
(6)	160 OD uPVC RAIN WATER PIPE
(7)	110 OD uPVC RAIN WATER PIPE
(8)	DOM. WATER RISER FOR TERRACE TANK
(9)	FLU. WATER RISER FOR TERRACE TANK

LEGEND FOR PLUMBING	
	100Ø SOIL & VENT PIPE
	100Ø WASTE & VENT PIPE
	100Ø KITCHEN WASTE & VENT PIPE
	90 OD VENT PIPE
	160 OD uPVC RAIN WATER PIPE
	110 OD uPVC RAIN WATER PIPE
	80Ø SUMP DRAIN PIPE

LEGEND	
SYMBOL	DESECRATION
M	MUNICIPAL SUPPLY LINE
TF	TANKER FILLING LINE
FWR	FLU. WATER RISER FOR TERRACE TANK
DWR	DOM. WATER RISER FOR TERRACE TANK
FWS	FLU. WATER SUPPLY LINE
DWS	DOM. WATER SUPPLY LINE
	CONTROL VALVE
	NON RETURN VALVE
	STRAINER
WM	WATER METER
MV	MOTORIZED VALVE
PV	PRESSURE VESSEL
WM	WATER METER
OF	OVER FLOW PIPE

NOTES:
1. ALL DIMENSIONS ARE IN MM
2. GATE AND BOUNDARY WALL SHALL BE AS PER STANDARD DESIGN.
3. SPRINKLERS WILL BE PROVIDED IN ENTIRE BUILDING INCLUDING BASEMENTS AS PER N.B.C.
4. RAIN WATER HARVESTING SYSTEM WILL BE PROVIDED AS PER APPLICABLE NORMS.
5. 100% POWER BACK UP WILL BE PROVIDED FOR LIFTS & ESSENTIAL SERVICE AREAS.
6. DISABLED RAMP @ 1:12 SLOPE WITH 900MM HIGH RAILING.
7. ALL BUILDINGS ARE MECHANICALLY VENTILATED
8. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVANT I.S.CODES FOR EARTHQUAKE RESISTANCE.
9. FIRE TRAVEL DISTANCE NOT MORE THAN 45 METER

PROJECT

PROPOSED BUILDING PLAN OF COMMERCIAL COLONY AREA MEASURING 3.99 ACRES (LICENCE NO. 119 DATED 05-06-2023) FALLING IN SECTOR-90, GURUGRAM BEING DEVELOPED BY NORTH STAR TOWERS PVT. LTD., MATRIX BUILDWELL PVT. LTD., IN COLLABORATION WITH NORTH STAR APARTMENTS PVT. LTD. (NOW KNOWN AS SS GROUP PVT. LTD.)

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DRAWING TITLE	SCALE	NORTH	DRAWING NO.
FIRST FLOOR PLAN	1:200		07

For SS Group Pvt Ltd
Authorised Signatory
OWNER'S SIGNATURE

ARCHITECT'S SIGNATURE