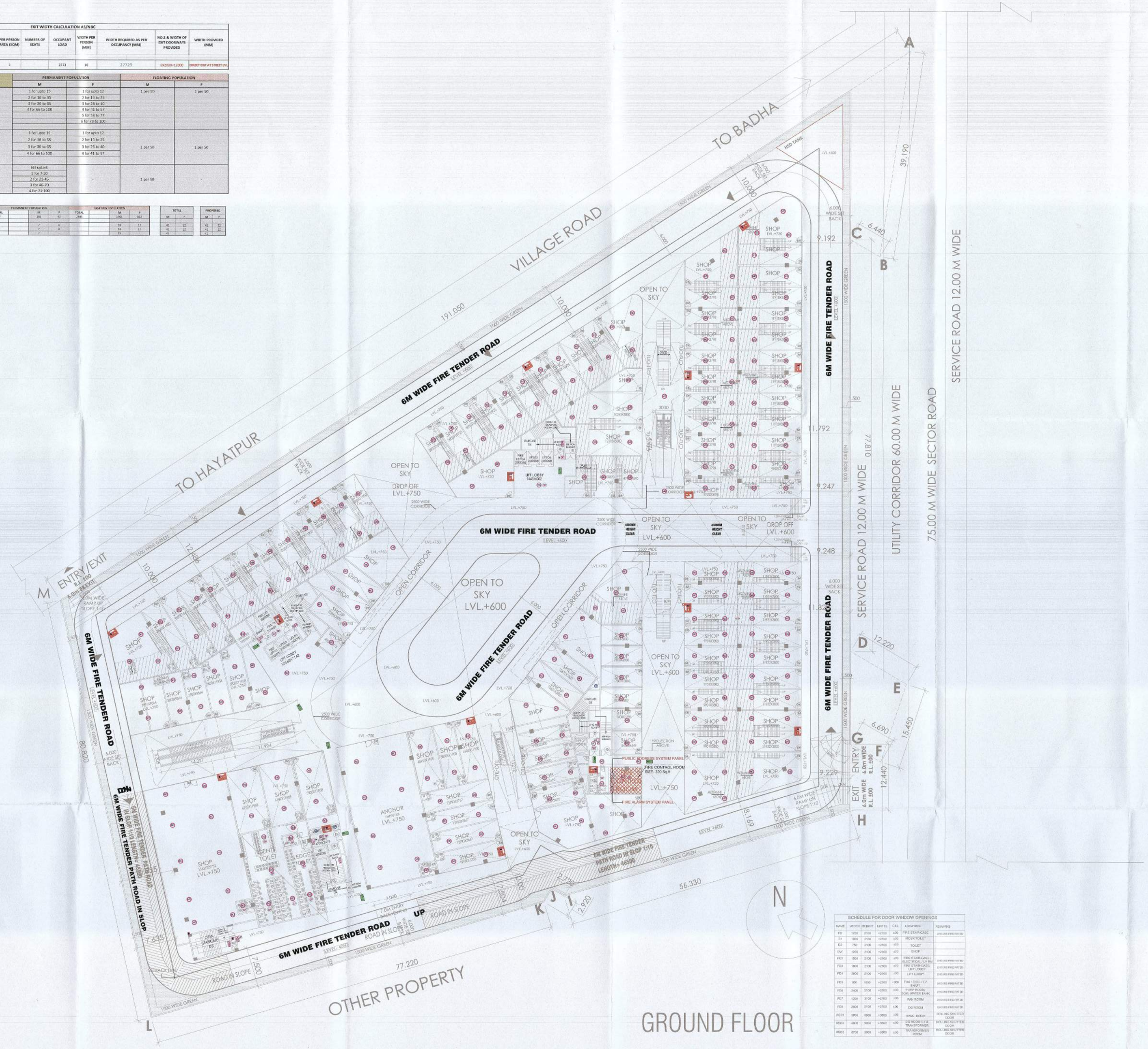
EXIT WIDTH CALCULATION AS/NBC											
S.NO	FLOOR	FLOOR AREA (SQM)		PER PERSON AREA (SQM)	NUMBER OF SEATS	OCCUPANT LOAD	WIDTH PER PERSON (MM)	WIDTH REQUIRED AS PER OCCUPANCY (MM)	NO.S & WIDTH OF EXIT DOORWAYS PROVIDED	WIDTH PROVIDED (M/M)
1	GROUND FLOOR	8168.979	RETAIL	3		2723	10	27229	6X2000=12000	DIRECT EXIT AT STREET LVL

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

GROUND FLOOR	AREA	TOTAL OCCU.	PERMANENT POPULATION				FLOATING POPULATION				TOTAL		PROPOSED	
			TOTAL		M	F	TOTAL		M	F	M	F	M	F
	8168.979	2723	272		135	137	2396		1198	1198				
WC					7	6			50	57	41	22	41	22
BASIN					7	6			50	57	41	22	41	22
URINALS					7				50		41		41	



SCHEDULE FOR DOOR WINDOW OPENINGS						
NAME	WIDTH	HEIGHT	SILL	CILL	LOCATION	REMARKS
FD	1200	2100	+2100	±00	FIRE STAIR-CASE	2HOURS FIRE RATED
D1	1000	2100	+2100	±00	ROBOT/TOILET	
D2	750	2100	+2100	±00	TOILET	
DW	1000	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	3600	2100	+2100	±00	LIFT LOBBY	2HOURS FIRE RATED
FD5	900	1800	+2100	+300	FHC / LESS / LV / ELECTRICAL	2HOURS FIRE RATED
FD6	2400	2100	+2100	±00	PUMP ROOM / DGM / 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	SE ROOM / LT & TRANSFORMER	ROLLING SHUTTER DOOR
RSD3	2700	3000	+3000	±00	TRANSFORMER ROOM	ROLLING SHUTTER DOOR

LEGEND:-

SR. NO.	SYMBOL	DESCRIPTION
1.	SD	SMOKE DETECTOR
2.	MD	MULTICRITERIA DETECTOR
3.	M	DETECTOR FOR SHAFTS
4.	SP	SPEAKER
5.		MANUAL CALL POINT
6.	MM	MONITOR MODULE
7.	H	HOOTER
8.	FAS	FIRE ALARM PANEL
9.	CM	CONTROL MODULE
10.		TALK BACK

FIRE SUBMISSION DRAWING

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.)

MEP CONSULTANTS

UDAYAN CHAUDHARI & ASSOCIATES PVT. LTD.
40/60, GROUND FLOOR, C.R.PARK,
NEW DELHI-110019
E-mail : udayanchaudhari@gmail.com
Website : www.udayanchaudhari.com

ACPL Design Ltd

ISO 9001:2015 Architecture Management Consultancy Services as per N.B.C. Part-IV, revised 2016 Certified Inst. Fire Fighting Engineers

DRAWN :-	CHECKED :-	SCALE :-	REV.	DWG. No.
PP	RP	NTS		R1

Fire Fighting Scheme Approved Vide letter No. FSI-[illegible] Dated [illegible]

DRAWING TITLE :-	DRAWING NO.:-	DATE:-
GROUND FLOOR FAS & PA SYSTEM LAYOUT	ELV/FAPA-04	12.12.2023

Deputy Director (Tech.)

For SS Group Pvt. Ltd.
Authorised Signatory
OWNER'S SIGNATURE

MEET SHANGARI ARCHITECT CA/87/24741
ARCHITECT'S SIGNATURE