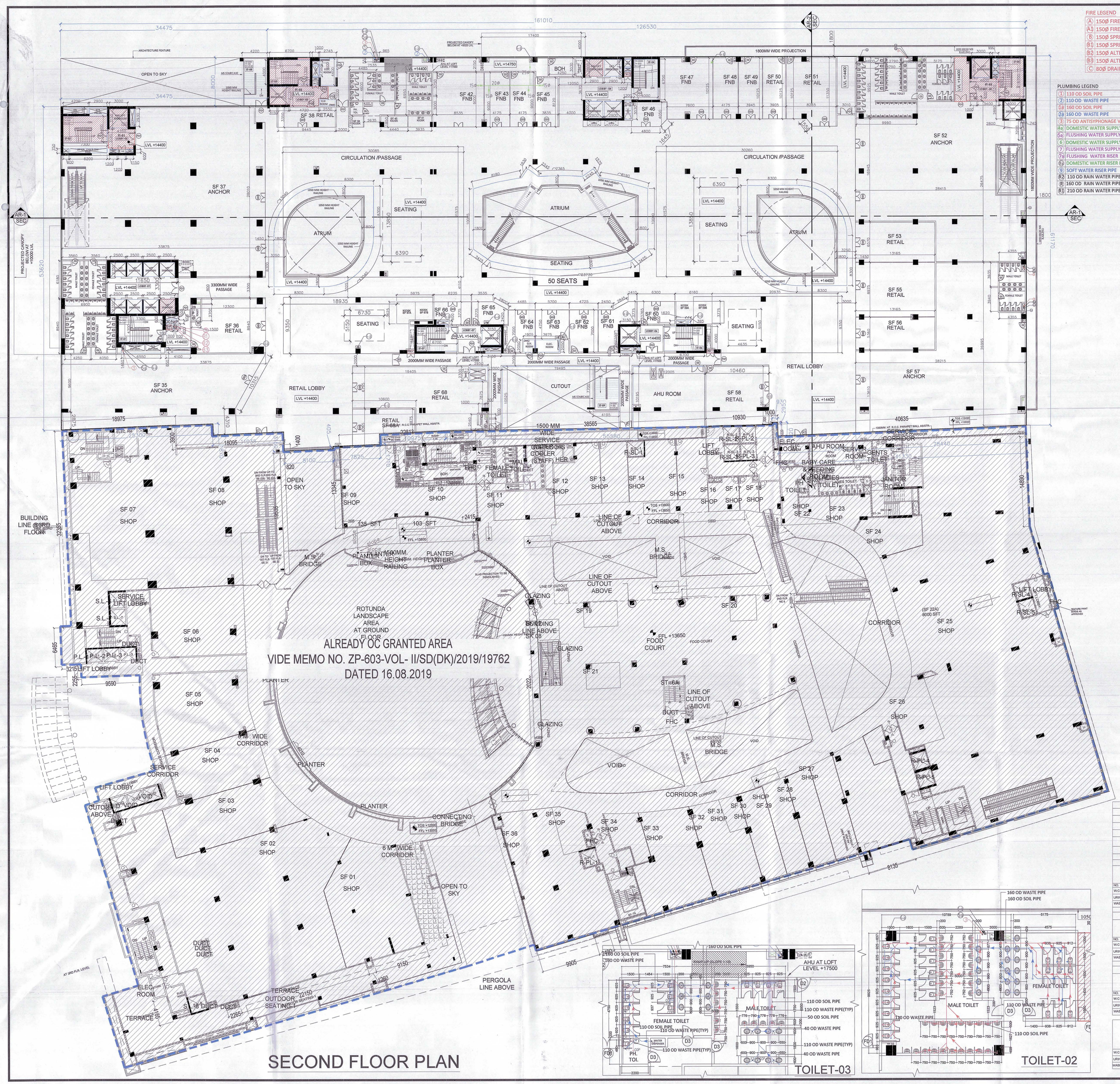


FIRE LEGEND

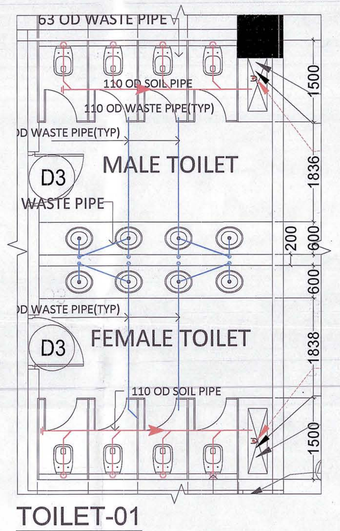
A	150ø FIRE PIPE UPPER ZONE
A1	150ø FIRE PIPE LOWER ZONE
B	150ø SPRINKLER PIPE UPPER ZONE
B1	150ø SPRINKLER PIPE LOWER ZONE
B2	150ø ALTERNATE RISER UPPER ZONE
B3	150ø ALTERNATE RISER LOWER ZONE
C	80ø DRAIN PIPE

PLUMBING LEGEND

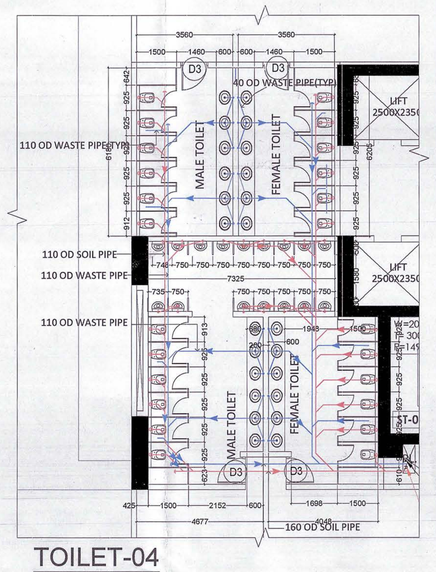
1	110 OD SOIL PIPE
2	110 OD WASTE PIPE
1a	160 OD SOIL PIPE
2a	160 OD WASTE PIPE
3	75 OD ANTISYPHONAGE VENT PIPE
4a	DOMESTIC WATER SUPPLY PIPE (HYDROPNEUMATIC)
5a	FLUSHING WATER SUPPLY PIPE (HYDROPNEUMATIC)
6	DOMESTIC WATER SUPPLY DN TAKE PIPE (OFFICE BLOCK)
7	FLUSHING WATER SUPPLY DN TAKE PIPE (OFFICE BLOCK)
7a	FLUSHING WATER RISER PIPE
8	DOMESTIC WATER RISER PIPE
9	SOFT WATER RISER PIPE
R2	110 OD RAIN WATER PIPE
R	160 OD RAIN WATER PIPE
R1	210 OD RAIN WATER PIPE

SCHEDULE OF DOOR WINDOW

S.NO.	TYPE	SIZE	SILL	LINTEL
1.	FD1	2000X2400	00	2400
2.	FD2	1200X2400	00	2400
3.	D1	2000X2400	00	2400
4.	D2	1200X2400	00	2400
5.	D3	1000X2400	00	2400
6.	D4	750X2400	00	2400
7.	FDH	3000X2400	00	2400
8.	FDH2	1500X2400	00	2400
9.	FDE1	3000X3000	00	2400
10.	RS	6000X3000	00	2400
11.	RS1	4000X3000	00	2400
12.	SD1	2000X2400	00	2400
13.	GD1	2400X3000	00	3000
14.	GD2	2000X2400	00	2400
15.	GD3	1500X2400	00	2400



TOILET-01



TOILET-04

DENSITY ON SECOND FLOOR : 1195+313+282= 1800 NO.									
UNIT WIDTH REQUIRED AS/ NBC : 10 MM / PERSON									
TOTAL EXIT WIDTH REQUIRED : 18000 MM									
EXIT PROVIDED : -									
STAIRCASE	ST-01	S T-02	ST-03	ST-04	ST-05	ST-06	ST-07	ST-08	ST-09	TOTAL
METERS	2	2	2	2	2	2	2	2	2	18

TOILET CALCULATION AT 2ND FLOOR
F.AR. AREA OF SECOND FLOOR : - 8012.258 SQM
F.A.R AREA OF SECOND FLOOR (RETAIL) : - 7166.189 SQM
F.A.R. AREA OF SECOND FLOOR (F&B) : - 564.066 SQM
F.A.R. AREA OF SECOND FLOOR (SITTING) : - 235.223 SQM
OCCUPANCY =AREA/8 (FOR RETAIL) , AREA/1.8 (FOR F &B) & AREA X 1.2 (FOR SITTING)
DENSITY ON SECOND FLOOR : 1195+313+282= 1800 NO.
OCCUPANCY ON SECOND FLOOR (RETAIL) : - 1195 NO.

	PERMANENT POPULATION (10%) = 120 PAX		FLOATING POPULATION(90%) = 1075 PAX		TOTAL REQUIRED	
	MALE(2/3)	FEMALE(1/3)	MALE(2/3)	FEMALE(1/3)	MALE	FEMALE
NO.	80	40	716	359		
W.C	4	3	15	8	19	11
URINAL	4	-	15	-	19	-
WASH BASIN	4	3	15	8	19	11

OCCUPANCY ON SECOND FLOOR(F&B) : -313 NO.

	PERMANENT POPULATION (10%) = 32 PAX		FLOATING POPULATION(90%) = 281 PAX		TOTAL REQUIRED	
	MALE(2/3)	FEMALE(1/3)	MALE(2/3)	FEMALE(1/3)	MALE	FEMALE
NO.	24	12	215	107		
W.C	2	1	5	5	7	6
URINAL	2	-	5	-	7	-
WASH BASIN	2	1	5	5	7	6

OCCUPANCY ON SECOND FLOOR (SEATING) : - 282 NO.

	PERMANENT POPULATION (10%) = 28 PAX		FLOATING POPULATION(90%) = 254 PAX		TOTAL REQUIRED	
	MALE(2/3)	FEMALE(1/3)	MALE(2/3)	FEMALE(1/3)	MALE	FEMALE
NO.	19	9	169	85		
W.C	2	1	3	3	4	4
URINAL	1	-	7	-	8	-
WASH BASIN	2	1	1	1	3	2

	TOTAL REQUIRED		TOTAL PROVIDED	
	MALE	FEMALE	MALE	FEMALE
W.C	30	21	38	33
URINAL	34	-	62	
WASH BASIN	29	19	33	28

TOILET-03

TOILET-02

NOTES:-

1. ALL DRAWING ARE TO BE READ ONLY AND NOT TO BE SCALED.
2. ALL DIMENSIONS ARE IN MM UNLESS MENTIONED.
3. BASEMENTS ARE MECHANICALLY VENTILATED ONLY.
4. STRUCTURAL SYSTEM: BEAM- COLUMN SYSTEM.
5. SITE AREA IS AS PER APPROVED ZONING PLAN.
6. ALL FLOOR PLANS AND BASEMENTS HAVE AUTOMATIC SPRINKLER SYSTEM FOR FIRE FIGHTING.
7. GATE AND BOUNDARY WALL AS PER STANDARD DETAIL.
8. COMPLETE BUILDING WILL BE CENTRALIZED AIR CONDITIONED AND MECHANICALLY VENTILATED WITH 100% POWER BACKUP.

PROJECT

REVISE BUILDING PLAN FOR SETTING UP OF COMMERCIAL COLONY OVER AN AREA MEASURING 8.9375 ACRES (LICENCE NO, 17 OF 2010 DATED 13.02.2010 AND LICENCE NO. 150 OF 2022 DATED 28.09.2022) IN THE COMMERCIAL BELT OF SECTOR 68, GURUGRAM BEING DEVELOPED BY REACH PROMOTERS PVT. LTD.)

ARCHITECTS

ACPL

ISO 9001:2008

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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 (O) Member B.P.A.C. | C.T.P (HQ) Chairman B.P.A.C.

DTP(HQ) | ATP(HQ)

JD. | PA. | A.T.P.

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

DINESH KUMAR PA(HQ)

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

JDA (T) MEMBER BPAC

RAVI KUMAR GARG ARCHITECT CA/94/1458473

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 6804 dt 04/10/23

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

NORTH

DRG. TITLE : SECOND FLOOR PLAN

DRAWING NO. 7

2ND