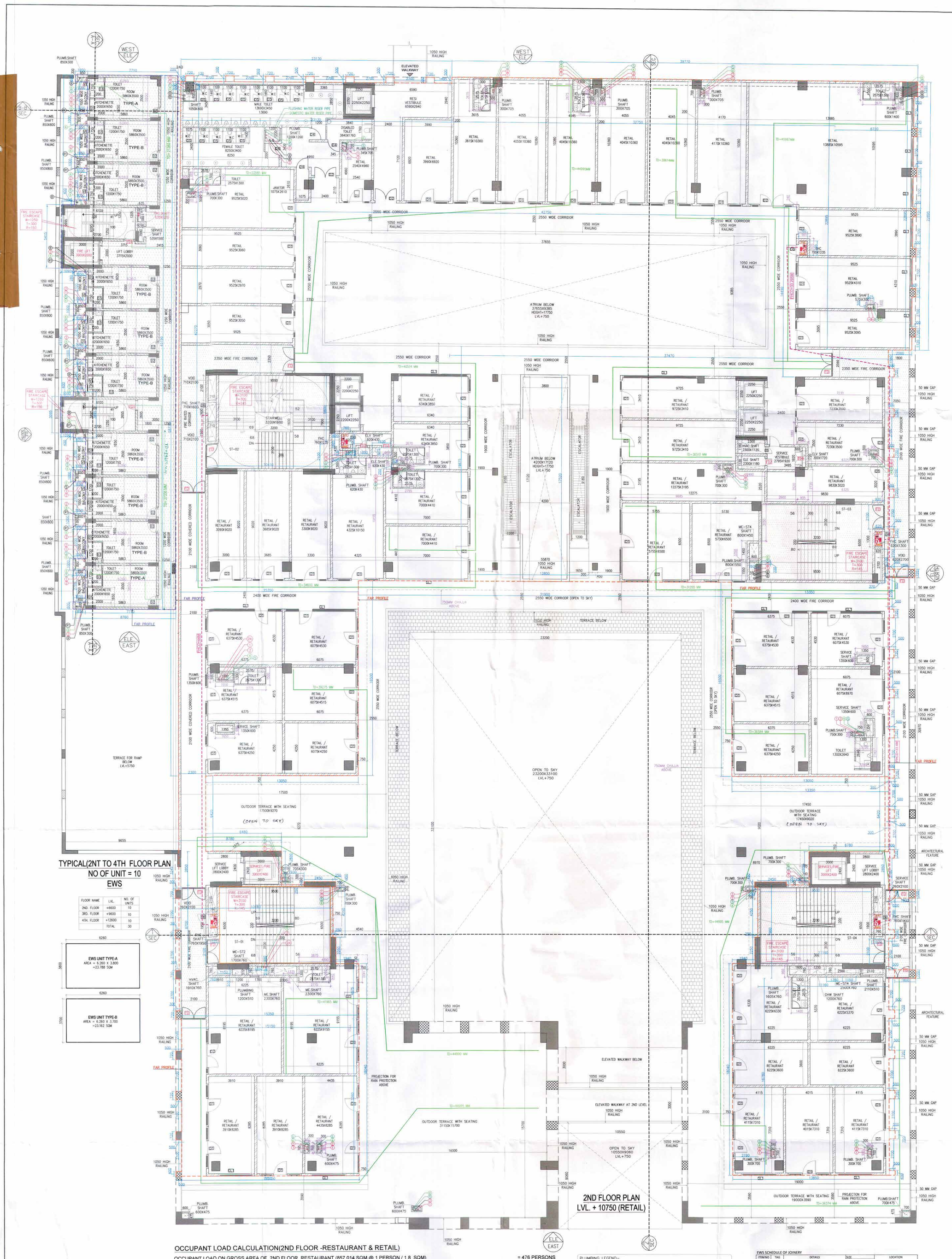

OCCUPANT LOAD CALCULATION(2ND FLOOR -RESTAURANT & RETAIL)

OCCUPANT LOAD ON GROSS AREA OF 2ND FLOOR RESTAURANT (857.014 SQM @ 1 PERSON / 1.8 SQM)	= 476 PERSONS
OCCUPANT LOAD ON GROSS AREA OF 2ND FLOOR KITCHEN (367.293 SQM @ 1 PERSON /9.3 SQM)	= 40 PERSONS
OCCUPANT LOAD ON GROSS AREA OF 2ND FLOOR RETAIL (690.014 SQM @ 1 PERSON / 6 SQM)	= 115 PERSONS
OCCUPANT LOAD ON GROSS AREA OF 2ND FLOOR STAIRCASE,TOILET,LIFT,LOBBY,CIRCULATION AREA (1713.69 SQM @ 1 PERSON / 6 SQM)	= 286 PERSONS
TOTAL OCCUPANT LOAD	= 917 PERSONS
REQUIRED EXIT WIDTH OF STAIRCASES @ 1 PERSON/10MM FOR 917 PERSONS	= 9170 mm say 9250mm
POROPSED STAIRCASES WIDTH FOR 2ND FLOOR RETAIL & RESTAURANT	= 12000MM

PLUMBING LEGEND-

S.NO.	SYMBOL	DISCRIPTION
1		SOIL PIPE
2		WASTE PIPE
3		ANTI VENT PIPE
4		DOMESTIC WATER SUPPLY PIPE (MASTER DOWN COMER)
5		FLUSHING WATER SUPPLY PIPE (MASTER DOWN COMER)
4A		DOMESTIC WATER SUPPLY BRANCH PIPE
5A		FLUSHING WATER SUPPLY BRANCH PIPE
8		DOMESTIC WATER SUPPLY (TOP THREE FLOOR)
9		DOMESTIC WATER RISER FOR TOWER-B
10		DOMESTIC WATER RISER FOR TOWER-A
11		FLUSHING WATER RISER FOR TOWER-B
11A		FLUSHING WATER RISER FOR TOWER-A
10A		DOMESTIC WATER HYD. SUPPY FOR RETAIL
12		FLUSHING WATER HYD. SUPPY FOR RETAIL
13		DOMESTIC WATER HYD. SUPPY FOR EWS
14		FLUSHING WATER HYD. SUPPY FOR EWS
15		DOMESTIC WATER HYD. SUPPY FOR CLUB
16		FLUSHING WATER HYD. SUPPY FOR CLUB
R		RAIN WATER PIPE
R1		BACONY DRAIN PIPE

EWS SCHEDULE OF JOINERY

ITEM NO	TAG	DETAILS	SIZE WIDTH	SIZE HEIGHT	LOCATION
1	D1	ALUMINUM GLAZED DOOR WITH VENT ABOVE	1000	2100+450	BALCONY DOOR
2	D2	HDF HARDWOOD DOOR WITH VENT ABOVE	850	2100+450	UNIT ENTRY / STAIRCASE DOORS
3	D3	SLIDING HDF HARDWOOD DOOR	650	2100	TOILETS
4	V1	ALUMINUM TOP HUNG VENTILATORS	650	700	TOILETS

TRAVEL DISTANCE NOT TO BE MORE THAN 45M.
TD=TRAVEL DISTANCE

RETAIL DOOR WINDOW SCHEDULE

DOOR NAME	SIZE	LINTEL LVL	SILL LVL	HEIGHT
D1	1200 X 2400	2400	0.00	2400
D2	2100 X 2400	2400	0.00	2400
D3	1000 X 2400	2400	0.00	2400
D4	1000 X 2100	2100	0.00	2100
D5	650 X 1950	2100	150	1950
D6	900 X 2100	2100	150	2100
FD	1200 X 2400	2400	0.00	2400
FD1	2100 X 2400	2400	0.00	2400
FD2	600 X 2400	2400	0.00	2400
FD3	800 X 2400	2400	0.00	2400
FD4	1200 X 2400	2400	0.00	2400
NFD	2100 X 2400	2400	0.00	2400
GLAZING				
GL1	varies	4050	0.00	4050
GL2	1200 X 4050	4050	0.00	4050

NON FIRE DOOR WITH PANIC BAR

Note :-

1. BUILDING WILL BE DESIGNED (STRUCTURES) AS PER RELEVENT IS CODES FOR EARTH QUAKE RESISTANCE.
2. BUILDING HAS AUTOMATIC SPRINKLER SYSTEM ON ALL FLOORS.
3. CLUB AND RETAIL ARE ARTIFICIALLY LIGHTED MECHANICALLY VENTILATED & AIRCONDITIONED WITH 100% POWER BACKUP.
4. TOILETS ARE ARTIFICIALLY LIGHTED, MECHANICALLY VENTILATED & HAVE 100% POWER BACKUP.(TOWER-A & B)

LEGEND:-

PROJECT:-

PROPOSED GROUP HOUSING COLONY UNDER TOD POLICY (MIX LAND USE 78% RESIDENTIAL + 22 % COMMERCIAL) ON AN AREA MEASURING 4.84375 ACRES (LICENCE NO.114 OF 2023 DATED 2/06/2023) IN SECTOR-62, GURUGRAM MANESAR URBAN COMPLEX BEING DEVELOPED BY MRS. NEERU DEVI W/O LATE SH. NARESH CHAND JAIN AND OTHER IN COLLABORATION WITH CONSCIENT INFRASTRUCTURE PVT LTD.

Associate Architects

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S.T.P.(HQ) Member B.P.A.C. | Design Secretary B.P.A.C. | S.T.P.(G) Member B.P.A.C | Chairman B.P.A.C

Consultant Architect

ATP(HQ)

Ram Avtar Bassi
JD(HQ)

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

SANCTIONED
TO BE READ WITH THIS OFFICE MEMO NO.: 36752
DATED: 31-10-2023

Checked and found ok for Public Health (Internal) Service only subject to comments in in forwarding letter No. 183432 24-8-23

Executive Engineer (HQ)
Water Supply Div. (HQ)
HSVP, Panchkula

ARCHITECT'S SEAL & SIGNATURE

OWNER'S SEAL & SIGNATURE

CONSCIENT INFRASTRUCTURE PVT. LTD. 10th Floor, Tower 'D' Global Business Park M.G. Road, Gurugram

AUGUST.-2023. | Scale : 1:100

Drawing Title:-

2ND FLOOR PLAN
(RETAIL BLOCK)
2ND - 4TH FLOOR PLAN
(EWS BLOCK)

Drawing No:- R-03