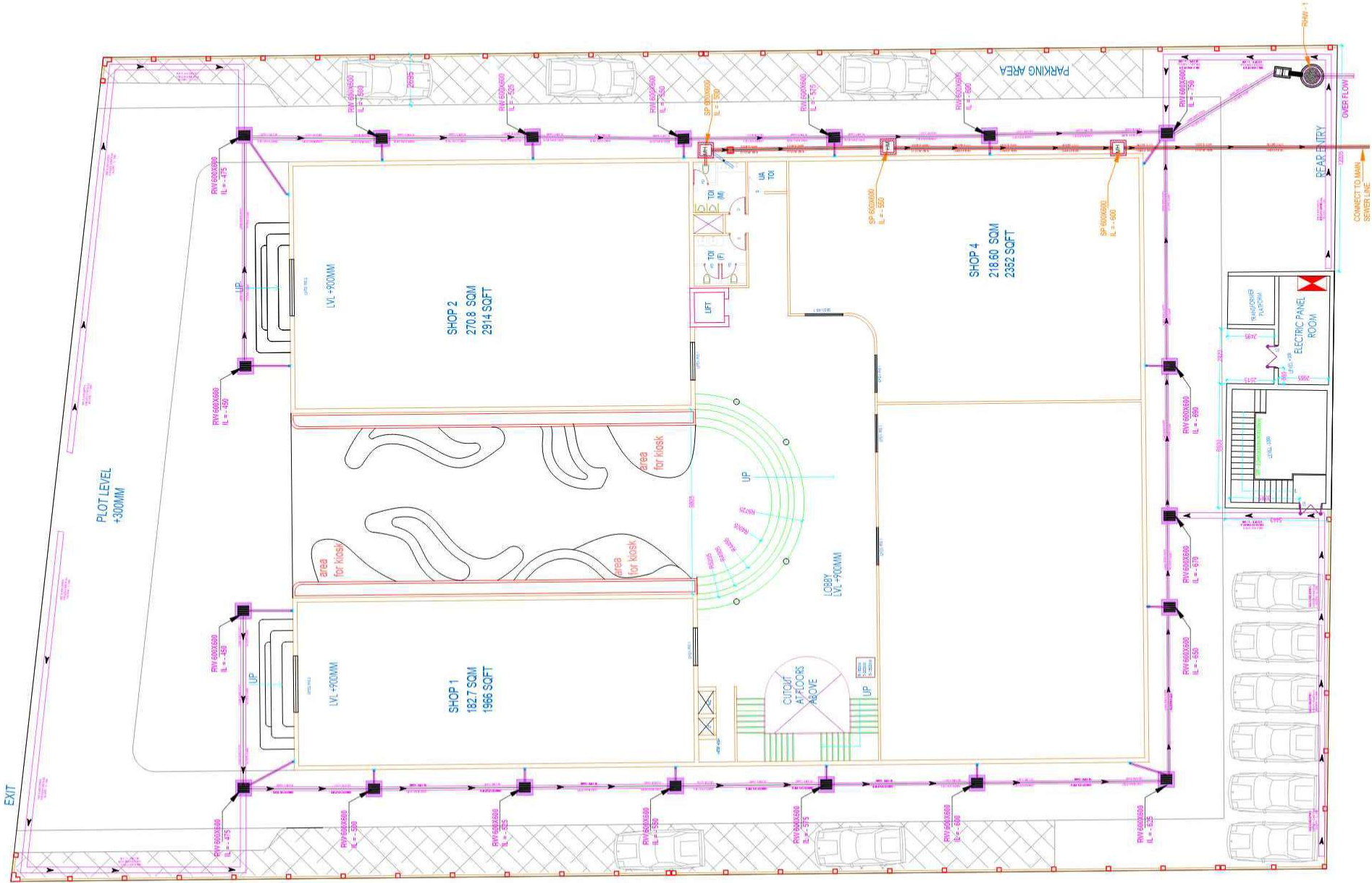




[Signature]

AREA STATEMENT

- LAND AREA AS PER WORK ORDER = 2922.18 SQM/TR
- PERMISSIBLE GROUND COVERAGE= 526 (1461.09 SQM)
- PROPOSED GROUND COVERAGE= 42.56 (1242.5 SQM)
- GROUND FLOOR SUPER BUILT UP AREA- 1217.4 SQM
- FIRST FLOOR SUPER BUILT UP AREA - 1233.5 SQM
- SECOND FLOOR SUPER BUILT UP AREA- 1233.5 SQM
- TOTAL AREA- 3684.5 SQM
- FAR USED - 1.26 (PERMISSIBLE 1.5 FAR)
- HT OF THE BUILDING- 2600 MM
- AREA EXEMPTED @ STAIRCASE + SERVICE AREA - 46.9 SQM X 3 = 140.7 SQM
- TOTAL BUILT UP AFTER EXEMPTION- 3543.8 SQM
- CAR PARKING REQUIRED - (3543.8 SQM /100) X 1.5 = 53 CARS
- PIPE PARKING REQUIRED - (53 X 13.75 = 728.75 SQM
- AREA REQUIRED FOR PARKING= 760 SQM

S/NO	DESCRIPTION	SYMBOL
1.	FLOOR DRAIN	FD
2.	FLOOR TRAP	FT
3.	BOTTLE TRAP OF BRASS	BT
4.	FLOOR CLEAN OUTLET	FCO
5.	100MM DIA. UPVC SOIL & VENT PIPE	(1)
6.	100MM DIA. UPVC WASTE & VENT PIPE	(2)
7.	100MM DIA. UPVC RAN WATER PIPE	(3)
8.	CPVC HOT WATER SUPPLY RISER PIPE	(4)
9.	RETURN HOT WATER SUPPLY RISER PIPE	(5)
10.	40MM DIA. CPVC CWS DOWN TAKE PIPE	(6)
11.	1 1/2" DIA MAIN CWS RISER	(7)
12.	PERFORATED R.C.C. FILLING	(8)
13.	WC CONNECTER	(9)
14.	WASH BASIN MIXTURE	(10)
15.	GULLY-TRAP CHAMBER 300 MM X 300 MM	(11)
16.	MANHOLE CHAMBER 600 MM X 600 MM	(12)
17.	CATCH BASIN 600 MM X 600 MM	(13)

S/NO	DESCRIPTION	PIPE SIZE
1.	WC TO SOIL AND VENT PIPE	100MM UPVC PIPE
2.	FLOOR TRAP TO WASTE AND VENT PIPE	100MM UPVC PIPE
3.	FLOOR DRAIN TO FLOOR TRAP	50MM UPVC PIPE
4.	BOTTLE TRAP TO FLOOR DRAIN/ FLOOR TRAP	30MM UPVC PIPE

S/NO	DESCRIPTION	PIPE SIZE
1.	100MM UPVC SOIL PIPE (SLOPE 1:70)	100MM SP
2.	100MM UPVC SOIL PIPE (SLOPE 1:70)	100MM SP
3.	100MM UPVC WASTE PIPE (SLOPE 1:70)	100MM WP
4.	50MM UPVC WASTE PIPE (SLOPE 1:70)	50MM WP
5.	32MM UPVC WASTE PIPE (SLOPE 1:70)	32MM WP

R3			
R2			
R1			

REV.	DESCRIPTION	DATE	ISUD.	CHKD.
MEP Consultant-				

M.S ASSOCIATES

MEP CONSULTANT ENGINEERS
 E-403, GANESHA-10, VARDHANA-30 ROAD, ANANDAPURAM,
 CHENNAI-600 046. TEL: 0921-32714399, 09895954522
 E-Mail: msassociates@gmail.com, msassociates@yahoo.com

DRAWING TITLE - DRAINAGE SYSTEM LAYOUT PLAN
 SITE PLAN

BULANDSHAHR DEVELOPMENT AUTHORITY

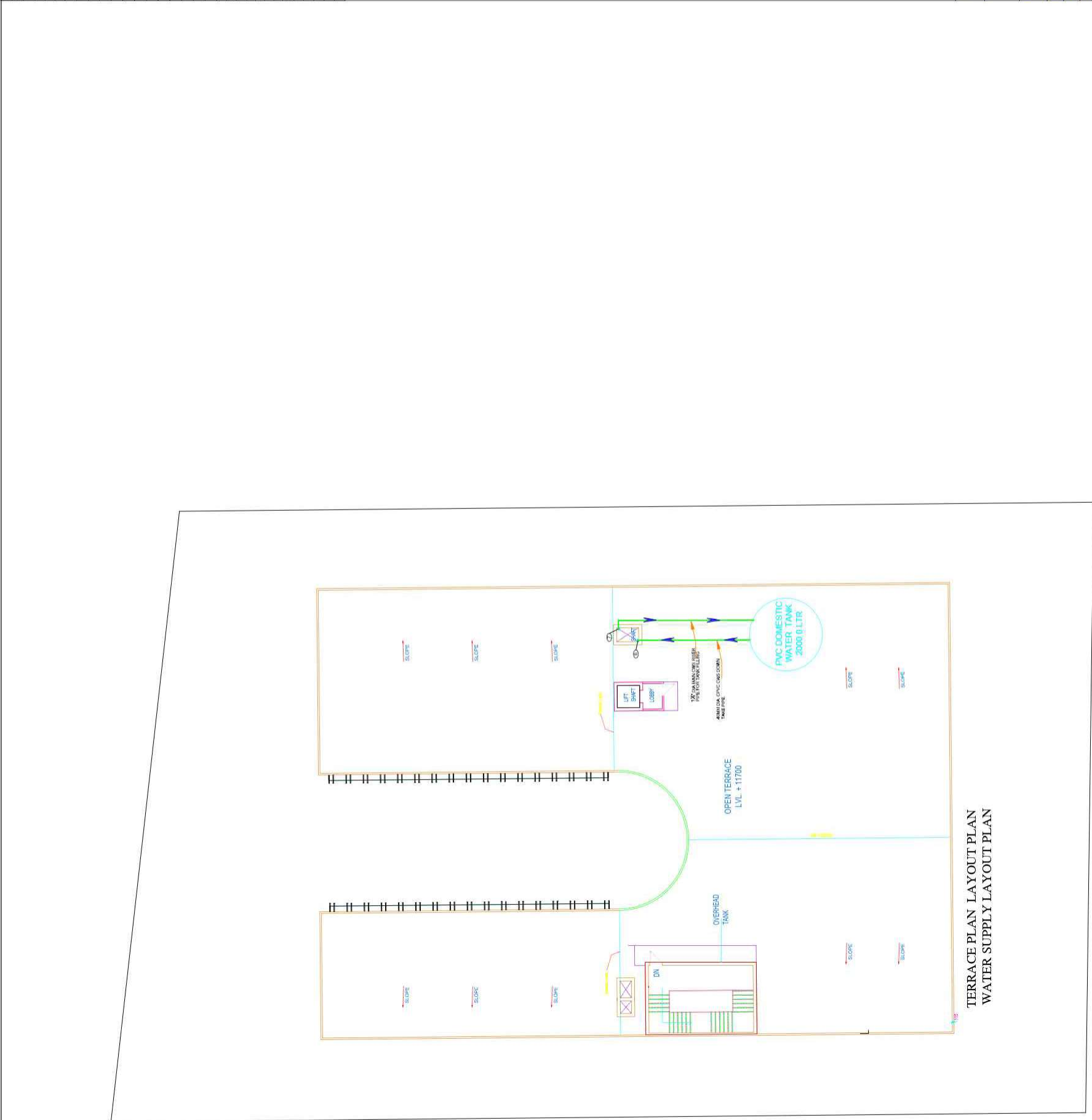
DATE	19-03-2024	STAMP
DRN	REATHOR	
CHKD	A.KUMAR	
SCALE		
ISSUED BY		

DRAWING NO : 01/TW/ARCH/GN/B SHEET NO : 2/4

PROJECT : COMMERCIAL BUILDING AT
 GANGA NAGAR, BULANDSHAHR, UP

CONSULTANT : **TECHMECH**
 TECHMECH INTERNATIONAL PVT. LTD.

Corp Office: " S.M. Kulkarni " 92, Civil Lines, Meerut-250001
 Cell: 98289 09664
 Ph:-91-121-4014700 (20 Lines) | Fax:-91-121-4014720
 Email: civilmri@techmech.co.in / architec@techmech.co.in
 www.techmech.co.in



LEGEND:-		
S.NO	DESCRIPTION	SYMBOL
1.	FLOOR DRAIN	FD
2.	FLOOR TRAP	FT
3.	BOTTLE TRAP CP BRASS	BT
4.	FLOOR CLEAN OUTLET	FCO
5.	100MM DIA. UPVC SOIL & VENT PIPE	1"
6.	100MM DIA. UPVC WASTE & VENT PIPE	2"
7.	100MM DIA. UPVC RAIN WATER PIPE	3"
8.	UPVC HOT WATER SUPPLY / HWS DOWN TAKE PIPE	4"
9.	RETURN HOT WATER SUPPLY RISER PIPE	5"
10.	40MM DIA. CPVC CWS DOWN TAKE PIPE	6"
11.	1 1/2" DIA MAIN CWS RISER PIPE FOR TANK FILLING	7"
12.	HEALTH FAUCET	HF
13.	WC CONNECTER	WC
14.	WASH BASIN MIXTURE	WB
15.	GULLY TRAP CHAMBER 300 MM X 300 MM	GT
16.	MANHOLE CHAMBER 600 MM X 600 MM	MC
17.	CATCH BASIN 600 MM X 600 MM	CB
PIPE SIZE SCHEDULE:-		
S.NO	DESCRIPTION	PIPE SIZE
1.	WC TO SOIL AND VENT PIPE	100MM UPVC
2.	FLOOR TRAP TO WASTE AND VENT PIPE	100MM UPVC
3.	FLOOR DRAIN TO FLOOR TRAP	50MM UPVC
4.	BOTTLE TRAP TO FLOOR DRAIN/FLOOR TRAP	30MM UPVC
PIPE SCHEDULE:-		
S.NO	DESCRIPTION	PIPE SIZE
1.	100MM UPVC SOIL PIPE (SLOPE 1:70)	100MM SP
2.	100MM UPVC SOIL PIPE (SLOPE 1:70)	100MM SP
3.	100MM UPVC WASTE PIPE (SLOPE 1:70)	100MM WP
4.	50MM UPVC WASTE PIPE (SLOPE 1:70)	50MM WP
5.	32MM UPVC WASTE PIPE (SLOPE 1:70)	32MM WP

TERRACE PLAN LAYOUT PLAN
WATER SUPPLY LAYOUT PLAN

DRAWING TITLE :-	FRONT ELEVATION TERRACE PLAN LAYOUT PLAN WATER SUPPLY LAYOUT PLAN
CLIENT:-	BULANDSHAHR DEVELOPMENT AUTHORITY

DATE	11.12.2023	STAMP	
DRN	KUSUM		
CHKD	ANIL KUMAR		
SCALE			
ISSUED BY	TECHMECH INTERNATIONAL Pvt. Ltd.		
DRAWING NO :-	057TM/ARCH/GN/B	SHEET NO :-	3/4

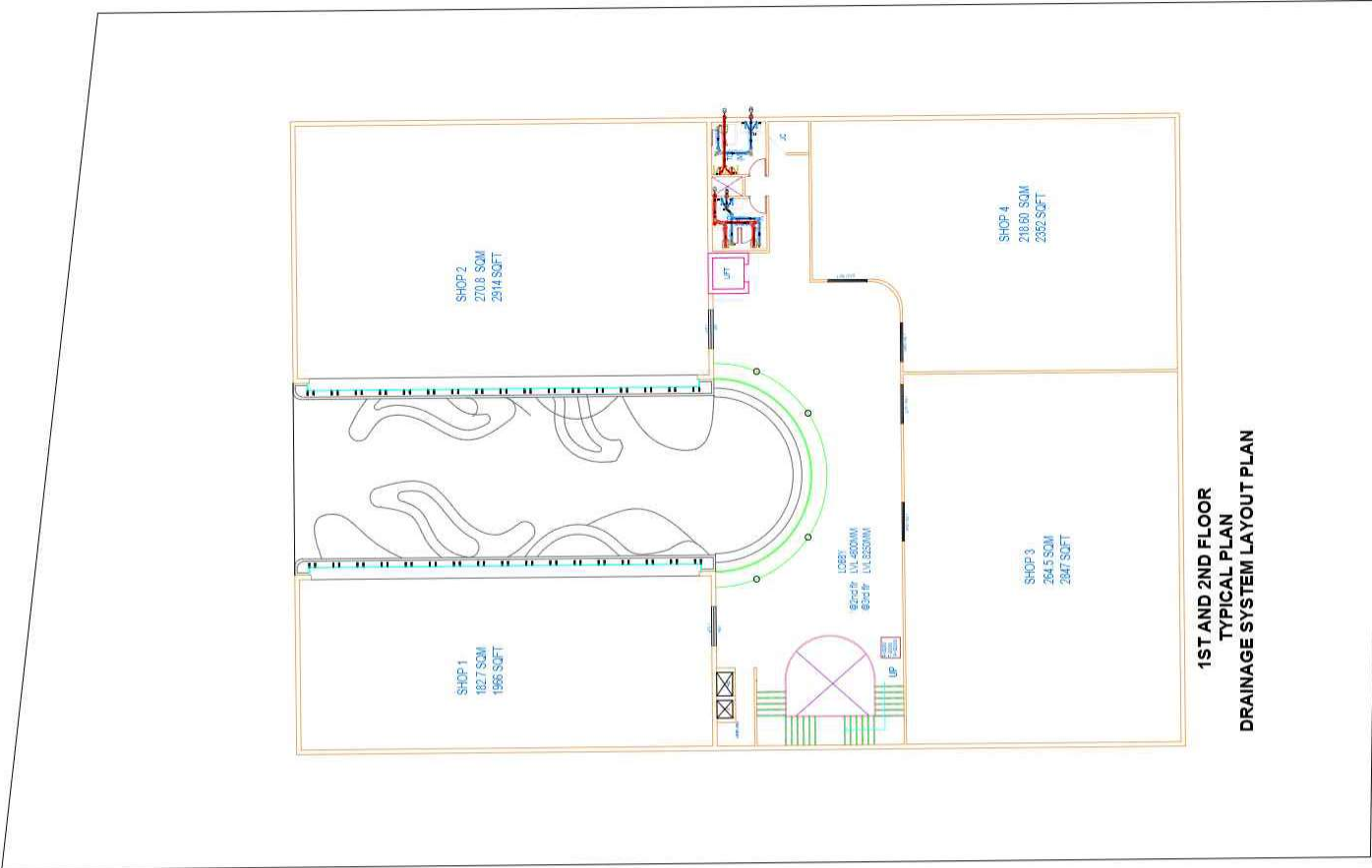
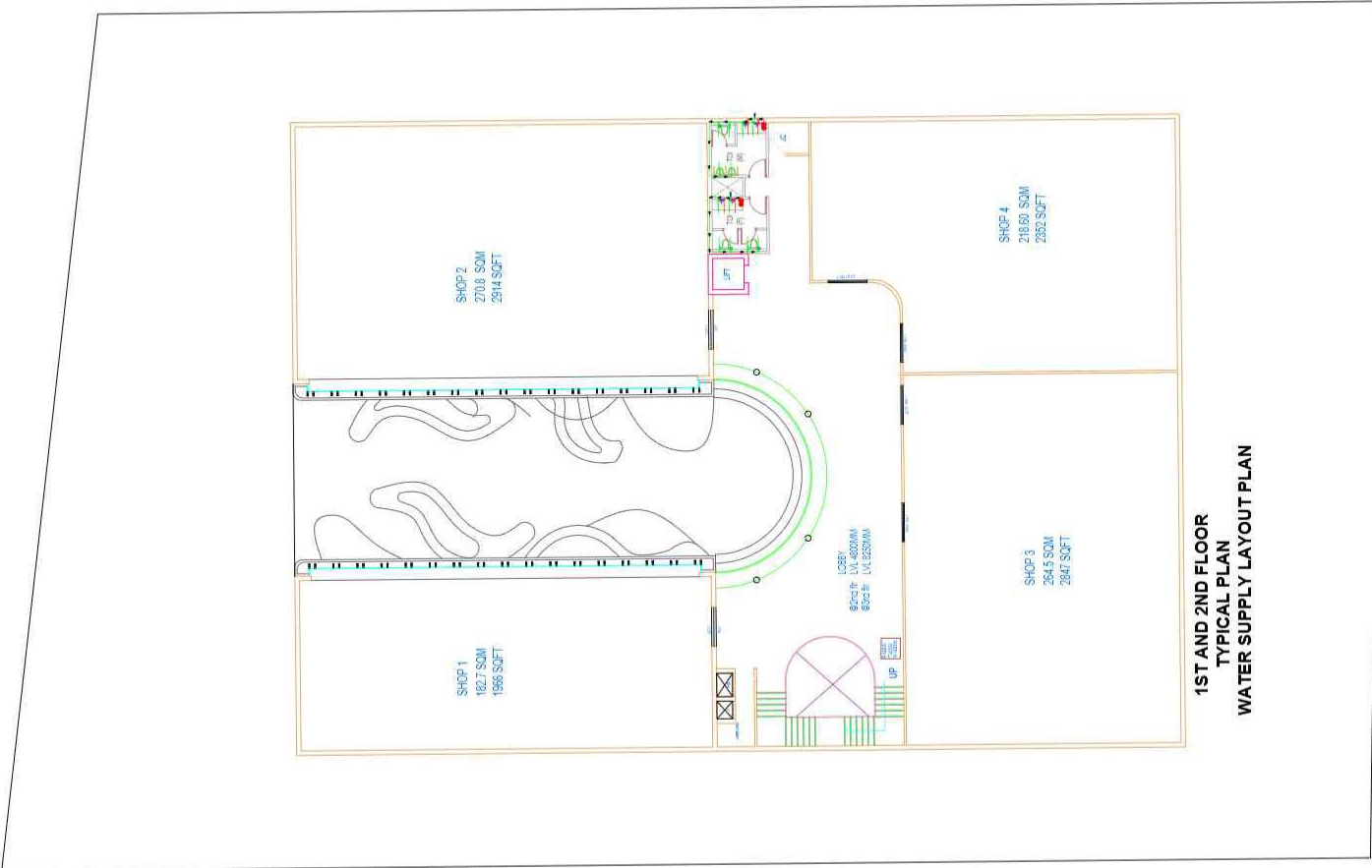
PROJECT :-	COMMERCIAL BUILDING AT GANGA NAGAR , BULANSHAHR , UP
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CONSULTANT :-



TECHMECH INTERNATIONAL PVT. LTD.
Corp Office:- " S.M. Kulkarni " 92, Civil Lines, Meerut-250001
Ph:-91-121-4014700 (20 Lines) | Fax:-91-121-4014720
Email:-civilini@techmech.co.in / architec@techmech.co.in
www.techmech.co.in

LEGEND:		
S.NO.	DESCRIPTION	SYMBOL
1.	FLOOR DRAIN	FD
2.	FLOOR TRAP	FT
3.	BOTTLE TRAP CP BRASS	BT
4.	FLOOR CLEAN OUTLET	FCO
5.	100MM DIA. UPVC SOIL & VENT PIPE	1"
6.	100MM DIA. UPVC WASTE & VENT PIPE	1"
7.	100MM DIA. UPVC RAIN WATER PIPE	1"
8.	UPVC HOT WATER SUPPLY (HWS) DOWN TAKE PIPE	1"
9.	RETURN HOT WATER SUPPLY RISER PIPE	1"
10.	40MM DIA. CPVC CWS DOWN TAKE PIPE	1"
11.	1 1/2" DIA MAIN CWS RISER PIPE FOR TANK FILLING	1 1/2"
12.	HEALTH FAUCET	HF
13.	W.C CONNECTER	WC
14.	WASH BASIN MIXTURE	WB
15.	GULLY TRAP CHAMBER 300 MM X 300 MM	GT
16.	MANHOLE CHAMBER 600 MM X 600 MM	MC
17.	CATCH BASIN 600 MM X 600 MM	CB
PIPE SIZE SCHEDULE:		
S.NO.	DESCRIPTION	PIPE SIZE
1.	WC TO SOIL AND VENT PIPE	100MM UPVC
2.	FLOOR TRAP TO WASTE AND VENT PIPE	100MM UPVC
3.	FLOOR DRAIN TO FLOOR TRAP	50MM UPVC
4.	BOTTLE TRAP TO FLOOR DRAIN/FLOOR TRAP	32MM UPVC
PIPE SCHEDULE:		
S.NO.	DESCRIPTION	PIPE SIZE
1.	100MM UPVC SOIL PIPE (SLOPE 1:70)	100MM SP
2.	100MM UPVC SOIL PIPE (SLOPE 1:70)	100MM SP
3.	100MM UPVC WASTE PIPE (SLOPE 1:70)	100MM WP
4.	50MM UPVC WASTE PIPE (SLOPE 1:70)	50MM WP
5.	32MM UPVC WASTE PIPE (SLOPE 1:70)	32MM WP



DRAWING TITLE :-		1ST AND 2ND FLOOR TYPICAL PLAN DRAINAGE SYSTEM AND WATER SUPPLY LAYOUT PLAN	
CLIENT :-		BULANDSHAHR DEVELOPMENT AUTHORITY	
DATE	11.12.2023	STAMP	
DRN	KUSUM		
CHKD	ALP KANE		
SCALE			
ISSUED BY	TECHMECH INTERNATIONAL		
DRAWING NO :- 03/TM/ARCH/GN/B		SHEET NO :- 4/4	
PROJECT :-		COMMERCIAL BUILDING AT GANGA NAGAR , BULANSHAHR , UP	
CONSULTANT :-		 TECHMECH	
TECHMECH INTERNATIONAL PVT. LTD.			
Corp Office: " S.M. Kulkarni " 92, Civil Lines, Meerut-250001 Call: 8826913864 Ph:-91-121-4014700 (20 Lines) Fax:-91-121-4014720 Email: civilini@techmech.co.in / architec@techmech.co.in www.techmech.co.in			