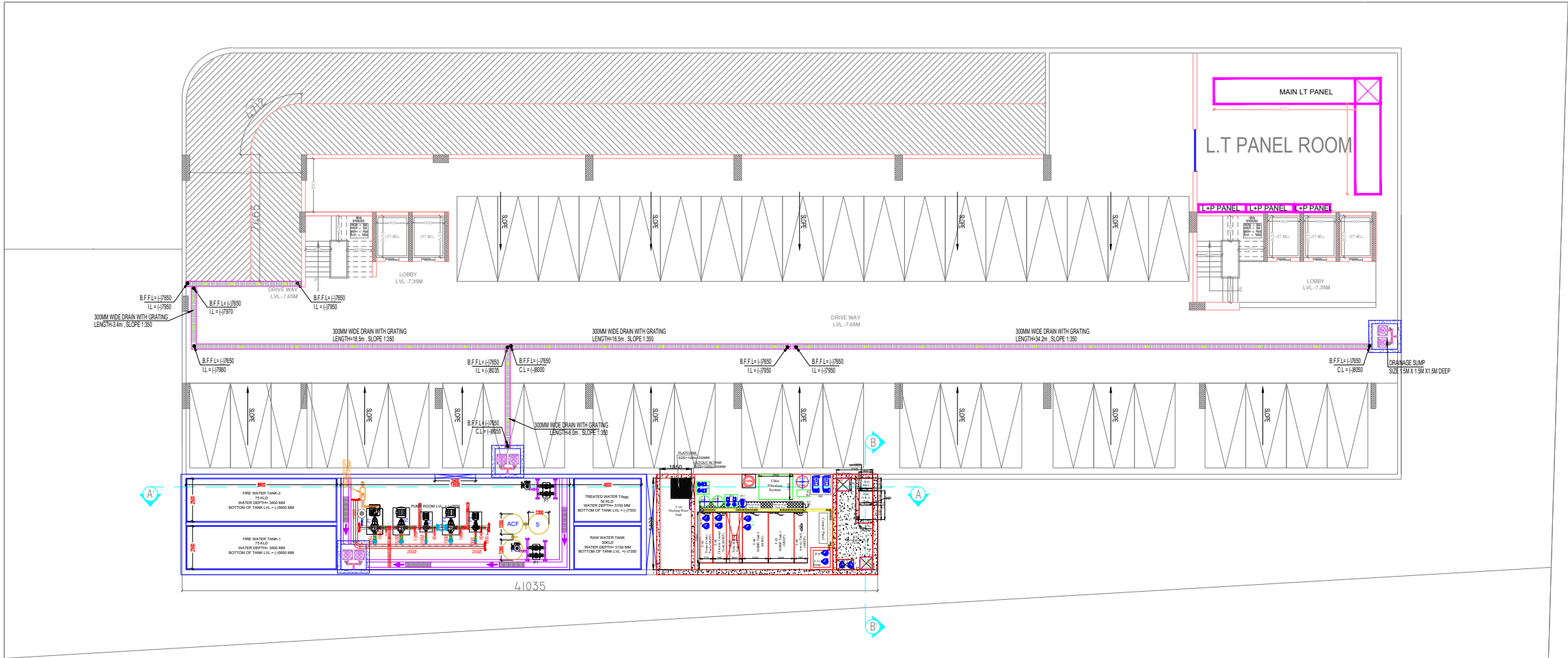
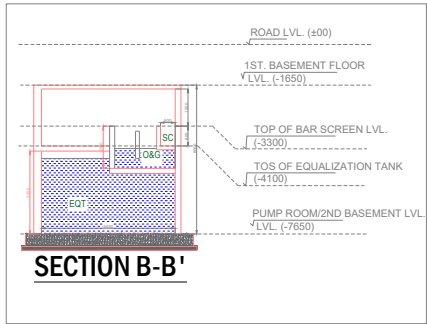
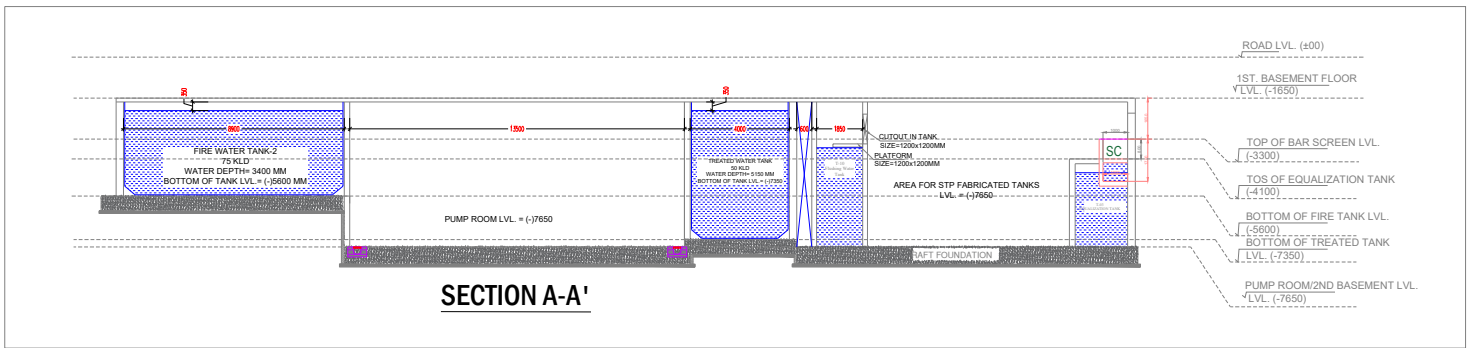




BASEMENT SECOND FLOOR PLAN



SECTION B-B'



SECTION A-A'

LIST OF EQUIPMENTS		
Tag No.	Item Description	QTY.
P-1	Sewage Transfer Pumps	2 Nos. (1W+1SB)
P-2	Filter Feed Pump	2 Nos. (1W+1SB)
P-3	Sludge Recycle Pumps	2 Nos. (1W+1SB)
P-4	Sludge Transfer Pump	2 Nos. (1W+1SB)
AB	Air Blower	2 Nos. (1W+1SB)
MGF	Multi Grade Sand Filter	1 Nos.
ACF	Activated Carbon Filter	1 Nos.
DP/DT-1	Chlorine Dosing Pump & Tank	1 Nos.
MB	UF Membrane	----
P-5	UF Backwash Pump	2 Nos. (1W+1SB)
P-6	CIP Pump	1 Nos.
MF	Micron Filter	1 Nos.
CF	Centrifuge	1 Set.
P-7	Irrigation Pump	2 Nos. (1W+1SB)
P-8	Flushing Water Pump	2 Nos. (1W+1SB)
P-09	Sump Pump	2 Nos. (1W+1SB)
CP	Control Panel	1 Nos.

LIST OF TANKS				
MARK NO.	DESCRIPTION	SIZES	MOC	Capacity
T-01	Bar Screen Chamber	800 x 600 x 800 (H)		
T-02	Oil & Gr. Chamber	800 x 1700 x 1700 (H)		
T-03	Equalization Tank	5400 x 2125 x 3350 (H) / 3000 (SWD)	R.C.C.	31.05KL
T-04	Anoxic Tank	3000 x 790 x 4000 (H)	M.S.P.E	9.45KL
T-05	MBBR Tank-1	3000 x 1520 x 4000(H)	M.S.P.E	18.2KL
T-06	MBBR Tank-2	3000 x 1520 x 4000(H)	M.S.P.E	18.2KL
T-07	Tube Settling Tank	3000 x 950 x 4000 (H)	M.S.P.E	11.4KL
T-08	Chlorine Contact Tank	3000 x 790 x 4000 (H)	M.S.P.E	9.45KL
T-09	Treated Water Tank	3000 x 775 x 4000 (H)	R.C.C.	9.28KL
T-10	Flushing Water Tank	5400 x 1850 x 5850 (H) / 4000(SWD)	R.C.C.	40KL
T-11	Sump	1000 x 1000 x 1000 (H)	R.C.C.	----
T-12	CIP Tank	----	H.D.P.E	----

FIRE FIGHTING PUMP DETAILS:-

S. NO.	DESCRIPTION	PUMP NO.	FLOW RATE / CAPACITY	QTY.
01.	ELECTRICAL DRIVEN HYDRANT PUMP	F2	2280 L.P.M	1 NO.
02.	ELECTRICAL DRIVEN SPRINKLER PUMP	F4	2280 L.P.M	1 NO.
03.	DIESEL DRIVEN FIRE PUMP	F1	2280 L.P.M	1 NO.
04.	ELECTRICAL DRIVEN JOCKEY PUMP	F3/F5	180 L.P.M	2 NOS.
05.	AIR VEESEL	P.V	450MMØ	2 NO.

LEGEND FOR PLUMBING	
SYMBOL	DESCRIPTION
	DRAIN CHANNEL
	FLOW DIRECTION
B.F.F.L	BASEMENT FLOOR FINISH LEVEL
IL	INVERT LEVEL
C.L	CONNECTION LEVEL
Ø	110 OD UPVC DRAIN PIPE WITH 150x150mm CUTOUT IN SLAB
D.P	DRAIN POINT

- NOTES
- THIS DRAWING IS THE PROPERTY OF SINGLA ARCHITECTS AND ASSOCIATES AND IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN FOR WHICH IT IS ISSUED WITHOUT PERMISSION OF ITS PRINCIPALS.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH OTHER RELEVANT ARCHITECTURAL, STRUCTURAL AND OTHER SERVICES CONSULTANTS DRAWING. IT SHALL BE THE DEEMED RESPONSIBILITY OF THE CONTRACTOR/FABRICATOR TO BRING TO NOTICE OF ARCHITECTS IF ANY DISCREPANCY WITHIN OR BETWEEN THE DRAWINGS PRIOR TO CONSTRUCTION.
 - ALL WRITTEN DIMENSIONS ARE TO BE FOLLOWED AND THE DRAWING IS NOT TO BE SCALED.

KEY PLAN

LEGEND

COPY	REV.	DATE	DESCRIPTION

PROJECT

CLIENT

ARCHITECTS

SINGLA ARCHITECTS & ASSOCIATES
EROS MARKET PLACE, PLOT NO.-02, SHOP - 87, 1ST. FLOOR
SHAKTI KHAND - 2, INDIRAPURAM, GHAZIABAD (U.P.)
Mob: 991798445
e-mail: singla3d@gmail.com.

MEP Consultant:
WeDESIGN Associates
"Engineering to perfection"
Email: we.design.associates@gmail.com
Mob: - 9999228416, 9999228407, 9882244495

DRAWING TITLE

HOTEL
2ND. BASEMENT DRAINAGE LAYOUT,
STP & UGT MARKING

SCALE	DATE	DEALT BY
AS SPECIFIED	14.09.2023	VIHOR

GAURAV SINGLA

DRG.NO.

