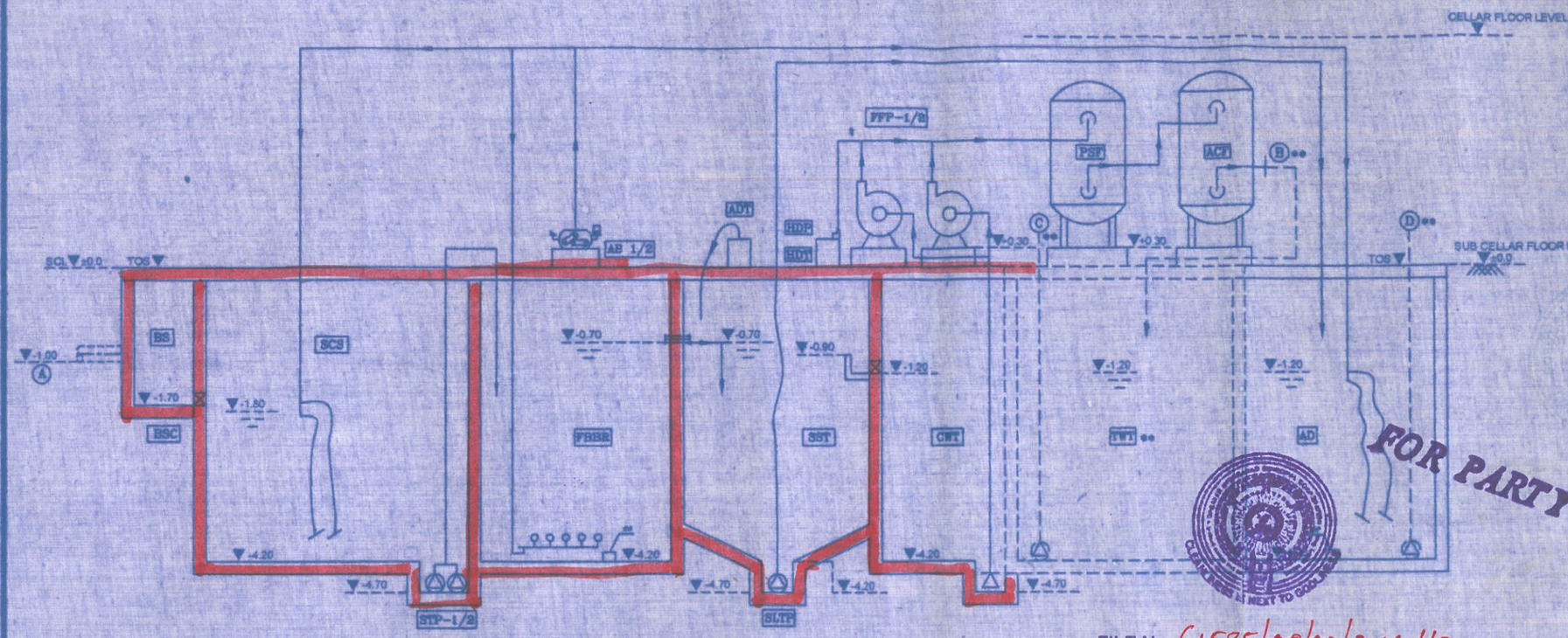

300 KLD CAP S T P SECTION

FILE No: 61585/08/02/2016-HO

PERMIT No: 53386 DATED HO/WZ/11-2016
13-11-2017

Provisions of STP as per Bonding Rules shall be provided

ADT	ALUM DOSING TANK	100 LITRES	HDPE	1No.	
HDP	HYPO DOSING PUMP	4 LPH. @ 20 MWC	PP	1No.	
HDT	HYPO DOSING TANK	100 LITRES	HDPE	1No.	
ACF	ACTIVATED CARBON FILTER	800ø x 2000HOS	MSEP	1No.	
PSF	PRESSURE SAND FILTER	1000ø x 1800HOS	MSEP	1No.	
FFP1/2	FILTER FEED PUMPS	$8.5M^3$/Hr. @ 30 MWC	CI	2Nos.	
SLTP	SLUDGE TRANSFER PUMP	$3M^3$/Hr. @ 10 MWC	SS	1No.	
AB1/2	AIR BLOWERS	$300M^3$/Hr. @ 5 MWC	CI	2Nos.	
STP 1/2	SWEAGE TRANSFER PUMPS	$8.5M^3$/Hr. @ 10 MWC	SS	2Nos.	Submersible
BS	BAR SCREEN	750x1850HT	MSEP	1No.	
		LIST OF MECHANICAL EQUIPMENTS			
TWT	TREATED WATER TANK	5200x6300x(3000 SWD+1500 FB)	RCC	1 No.	By client
AD	AEROBIC DIGESTER	3000x3000x(3000 SWD+1500 FB)	RCC	1 No.	
CWT	CLEAR WATER TANK.	1500x6300x(3000 SWD+1500 FB)	RCC	1 No.	
SST	SECONDARY SETTLING TANK	2000x6300x(3300 SWD+1200 FB)	RCC	1 No.	
FBBR	FLUIDISED BED BIO REACTOR	3000x3000x(3500 SWD+1000 FB)	RCC	1 No.	
SCS	SEWAGE COLLECTION SUMP	4200x6300x(2400 SWD+2100 FB)	RCC	1 No.	
BSC	BAR SCREEN CHAMBER	1000x700x(700 SWD+1300 FB)	RCC	1 No.	
TAG.	DESCRIPTION	SIZE/CAP	MOC	QTY	REMARKS
		LIST OF CIVIL EQUIPMENTS			

NOTES:-

1. ALL DIMENSIONS ARE IN MM. ELEVATION ARE IN Mts.
2. FGL : FINISHED GROUND LEVEL ±0.00 Mtrs
3. ALL CIVIL & DETAIL ENGG. WORKS TO BE DONE BY CLIENT
4. RAIN WATER SHOULD NOT ENTER INTO THE BELOW GROUND LEVEL TANK
5. ALL DRAIN TRENCHES SHOULD BE COVERED WITH RCC PRECAST SLAB
6. WATER INVERT LEVEL IS -1.00 MTR IF ANY CHANGE IN THE INVERT LEVEL THE SCS TANK SIZE AND HFD WILL BE CHANGED ACCORDINGLY.
7. ## FOR RCC BLOCK DETAIL REFER ITS INDIVIDUAL DRG.
8. ASSUMED WALL THK. 300mm

for COMMISSIONER
Greater Hyderabad Municipal Corporation
Hyderabad

FOR PARTY

ZAKI AHMED
STRUCTURAL ENGINEER
LICENSE No. 47.

Ar. M. A. ANSARI
B.Arch.
CA/2010/49062

SHEET NO: 10 of 10