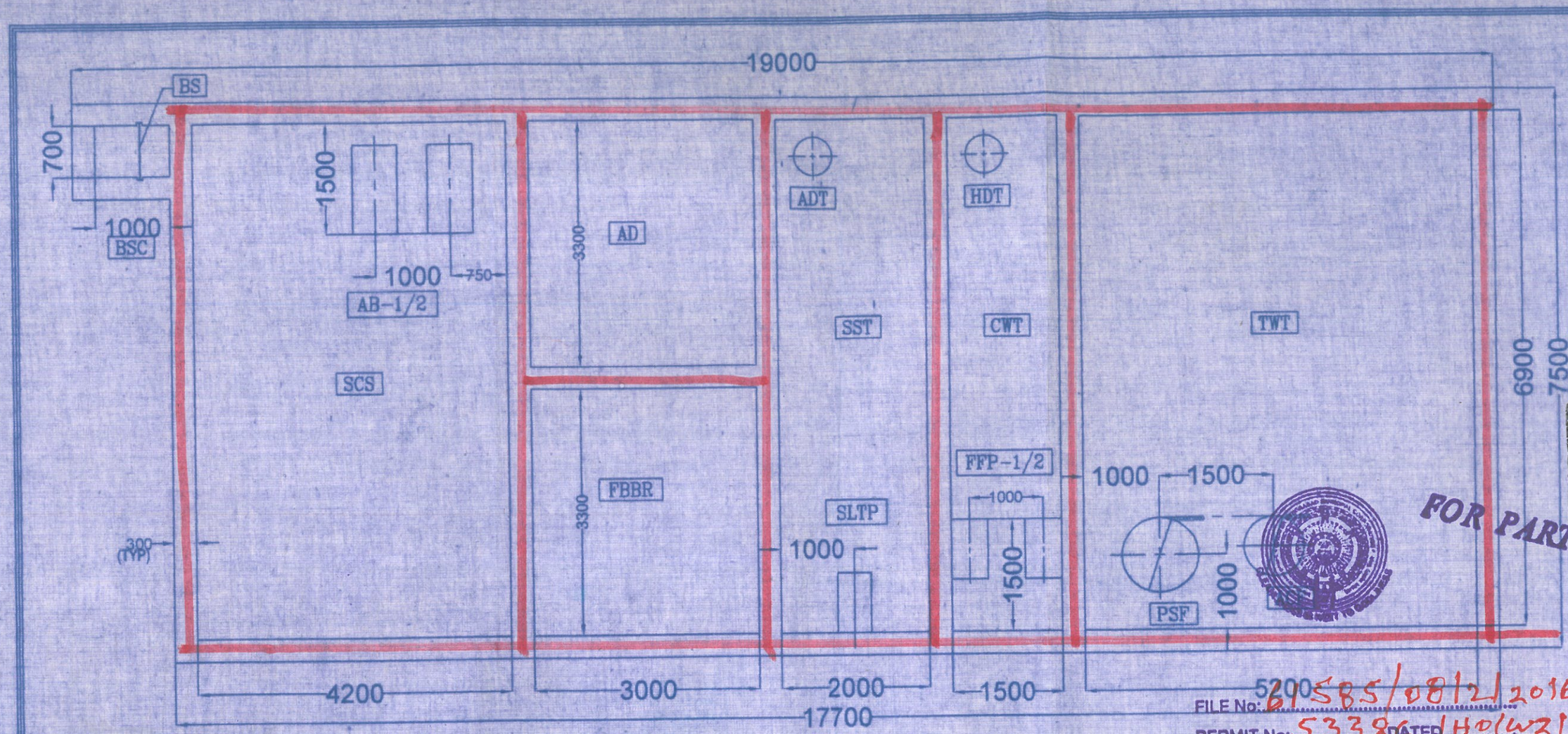


300 KLD CAP S T P PLAN

FILE No: 61585/08/2/2016 HO

PERMIT No: 53386 DATED HO/W2/11 2016

13/11/2017

| | | | | | |
|---|---|---|---|---|---|
| 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. | |
| AB 1/2 | 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 Mtrs.
2. FGL : FINISHED GROUND LEVEL ▼±0.00 Mtrs
3. WATER INVERT LEVEL IS ▼-1.00 MTR IF ANY CHANGE IN THE INVERT LEVEL THE SCS TANK SIZE AND HFD WILL BE CHANGED ACCORDINGLY
4. ASSUMED WALL THK. 300mm(APP).
5. ALL CIVIL & DETAIL ENGG. WORKS TO BE DONE BY CLIENT
6. RAIN WATER SHOULD NOT ENTER INTO THE BELOW GROUND LEVEL TANK
7. ALL DRAIN TRENCHES SHOULD BE COVERED WITH RCC PRECAST SLAP BY CLIENT

Prior: Storage STP as per Bowring rule shall be provided

for COMMISSIONER
Greater Hyderabad Municipal Corporation
Hyderabad

FOR PARTY

ZAKI AHMED
STRUCTURAL ENGINEER
LIC. NO. 17.

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CA/2010/49062