PROCESS UNITS				
SL.NO.	PROCESS UNITS	SIZE/CAPACITY	QTY.	REMARK
01	RECEIVING CHAMBER	2200 x 2700 x 2000 SWD.	01	
02	COARSE SCREEN CHANNELS:MECHANICAL	5000 x 1200 x 900 SWD.	02	
03	RAW SEWAGE SUMP (WET WELL) OF RAW SEWAGE	9000 ø x 3000 SWD.	01	
04	INLET CHAMBER	2200 x 2700 x 1500 SWD.	01	
05	FINE SCREEN CHANNELS	6000 x 1200 x 700 SWD.	02	
06	GRIT CHAMBERS:MECHANICAL	7500 x 7500 x 1100 SWD.	02	
07	SECONDARY BIOLOGICAL TREATMENT UNIT	28400 x 40000 x 5500 SWD.	02	
08	CHLORINE CONTACT TANK	19600 x 14500 x 2200 SWD.	01	
09	FILTER FEED TANK	19600 x 16300 x 2200 HT.	01	
10	SLUDGE SUMP	6000 x 5000 x 3000 SWD.	01	
11	THICKENED SLUDGE SUMP	4500 x 4500 x 2000 HT.	01	
12	SLUDGE THICKENER 15 MLD	13000 ø X 3500 SWD.	01	
13	POLY DOSING TANK	3000 x 2600 x 1000 HT.	02	

BUILDING LIST				
14	2 POLE STRUCTURE	10000x 6000 X 4500	01	
15	HT PANEL	6000 x 6000 X 4500	01	
16	MCC ROOM	15000 x 6000 X 4500	01	
17	ADMINISTRATION BUILDING + TOILET BLOCK : GROUND FLOOR	6000 x 5000 x 3500 HT.	01	G+1
	LABORATORY+SCADA: FIRST FLOOR	6000 x 5000 x 3500 HT.		
18	PROCESS AIR BLOWERS BUILDING	15000 x 6000 x 5000 HT.	01	
19	CHLORINATION CUM CHLORINE TONNER HOUSE	8000 x 5000 x 4500 HT.	01	
20	SLUDGE DEWATERING BUILDING: GROUND FLOOR	10000 x 6000 x 5000 HT.	01	G+1
20	SLUDGE DEWATERING BUILDING: FIRST FLOOR	10000 x 6000 x 4500 HT.	01	
21	MAINTENANCE WORKSHOP	6000 x 4000 x 3500 HT.	01	
22	FILTER FEED PUMP HOUSE	8000 x 6000 x 3500 HT.	01	
23	GUARD ROOM	2400 x 2400 x 3000 HT.	01	

TERTIARY TREATMENT				
24	GRAVITY SAND FILTER	5600 x 4500	06	
25	FILTER BACKWASH SUMP	6500 x 6500 x 4000 HT.	01	
26	BACKWASH WATER SUMP	8800 x 5000 x 4000 HT.	01	
27	BLOWER & PUMP HOUSE	8800 x 6000 x 3000 HT.	01	
28	CONTROL PANEL ROOM FOR TT	5000 x 6000 x 3500 HT.	01	

TENDER PURPOSE ONLY
ALL THE LEVELS AND DIMENSIONS ARE INDICATIVE.
DETAIL & DESIGN DRAWINGS SHOULD BE PREPARED
BY THE CONTRACTOR AFTER PERFORMING NECESSARY INVESTIGATION.

GUWAHATI SMART CITY LIMITED

DO NOT SCALE

STP LAYOUT OF BORSOLA BEEL

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

ISSUE	REVISIONS	DRN	CIVIL	ELEC	I&C	MECH			APPD	DATE
			CLEARED							

FOR RO ISSUE ONLY		
	CLEARED	
DEPT	SIGNATURE	DATE
CIVIL		
ELEC		
I&C		
MECH		

FILE NAME :

CLIENT : GUWAHATI SMART CITY LIMITED

PROJECT : BORSOLA BEEL DEVELOPMENT PROJECT

SCALE: 1:350	APPROVED	DATE (RO ISSUE)
DEL.CENTRE-DISC:		DATE (CURRENT ISSUE)
DRN:		
CHD:	DWG NO TCE.10477A-CV-3000-SL-30202	ISSUE

SIZE-A1

FILE NAME: F-041-Rev-R5.dwg

TCE FORM NO. 042 R5