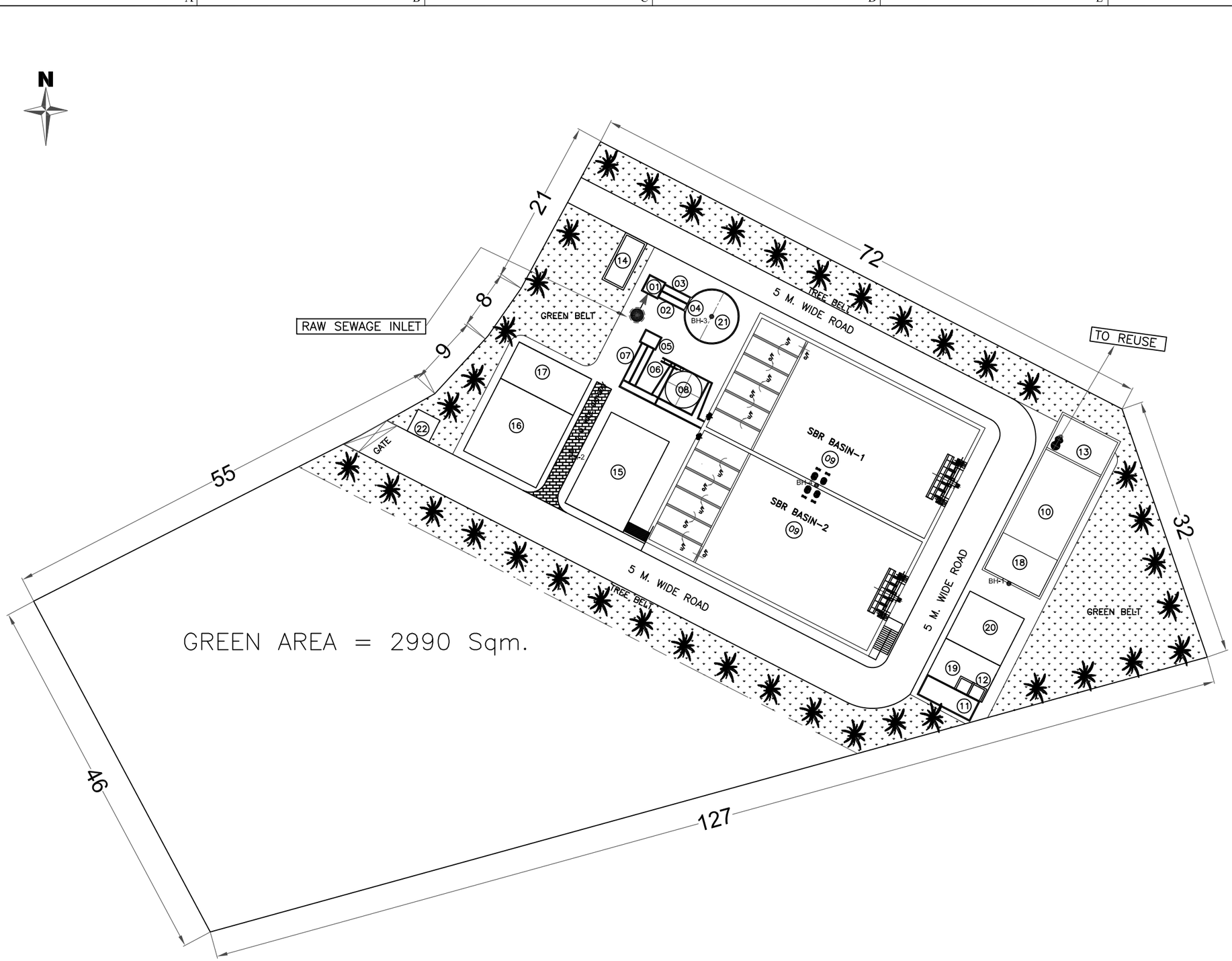

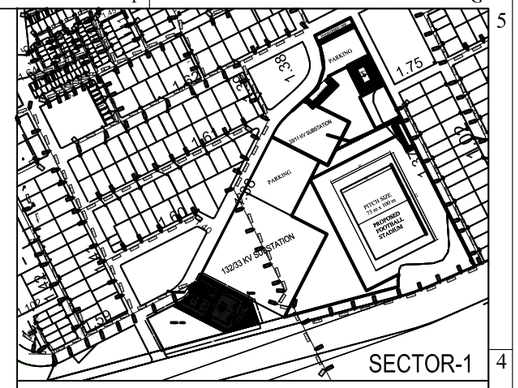

SITE PLAN

TENTATIVE LIST

PROCESS UNITS

SL.NO.	PROCESS UNITS	SIZE/CAPACITY	QTY.	REMARK
01	RECEIVING CHAMBER	2000 x 2000 x 1500 SWD.	01	
02	COARSE SCREEN CHANNEL–MANUAL	3500 x 750 x 650 SWD.	01	
03	COARSE SCREEN CHANNEL–MECHANICAL	3500 x 750 x 650 SWD.	01	
04	RAW SEWAGE SUMP	6500 ø x 2000 SWD.	01	
05	STILLING CHAMBER	1500 x 2000 x 2000 SWD.	01	
06	FINE SCREEN CHANNEL–MANUAL	5000 x 700 x 700 SWD.	01	
07	FINE SCREEN CHANNEL–MECHANICAL	5000 x 700 x 700 SWD.	01	
08	GRIT CHAMBER–MECHANICAL	4500 x 4500 x 900 SWD.	01	
09	SBR BASIN – 1/2	30100 x 15000 x 5200 SWD.	02	
10	CHLORINATION TANK	16500 x 7500 x 2500 SWD.	01	
11	SLUDGE SUMP	7000 x 2500 x 3000 SWD.	02	
12	DWPE DOSING TANKS	1500 x 1500 x 1500 SWD.	02	
13	TREATED SEWAGE EFFLUENT TANK	7500 x 4500 x 5000 SWD.	01	
14	BIO FILTER	6000 x 2000	01	

BUILDING LIST

15	SBR AIR BLOWER/ MCC & CONTROL BUILDING	12000 x 8000 x 10000 HT.	01	G+1
16	INDOOR HT SUBSTATION	10000 x 10000 x 4500 HT.	01	
17	DG SET HOUSE	10000 x 5000 x 4500 HT.	01	
18	CHLORINATION CUM CHLORINE TOONER HOUSE	7500 x 5000 x 4500 HT.	01	
19	SLUDGE PUMP & BLOWER ROOM	7500 x 5000 x 4500 HT.	01	
20	CENTRIFUGE HOUSE	7500 x 6500 x 9500 HT.	01	G(STILT)+1
21	RAW SEWAGE PUMP HOUSE	6500 ø x 5500 HT.	01	
22	SECURITY CABIN	3000 x 3000 x 3000 HT.	01	

FOR TENDER PURPOSE ONLY

NOTE :
1) TOTAL PLOT AREA = 7412 Sqm.
2) AREA REQUIRED = 4422 Sqm.

REV.NO	REVISIONS	DRAWN	CHECKED	APPROVED	DATE	REFERENCE DRAWING NO.	REFERENCE DRAWING NAME

	DATE	BY	SIGN
DRAWN			
DESIGNED			
CHECKED			
APPROVED			
SCALE	1:1	PROJECTION :	

PROJECT: 7.40 MLD SEWAGE TREATMENT PLANT-I
BASED ON SBR AT SECTOR-1 KAMAL VIHAR, RAIPUR

TITLE: PLANT LAYOUT

CONT. CODE	DWG. SIZE	DWG. NO.	REV.
-	A3	A3/7.40 MLD/102/01	R0