

BAR TYPE	SKETCH	BAR DIA. (mm)	LENGTH (mm)	NO. / L20	UNIT WEIGHT (kg/m)	WEIGHT FOR L20 (kg.)	WEIGHT FOR TOWER (kg.)
A		10	4100	64	0.617	161.904	647.603
B		10	2330	22	0.617	31.627	128.608
C		10	4324	34	0.617	90.709	362.835
D		25	3350	8	3.853	108.280	418.040
E		8	1590	2	0.395	8.165	32.059
F		8	1168	13	0.395	5.987	23.950
TOTAL WEIGHT (kg) =						1806.595	

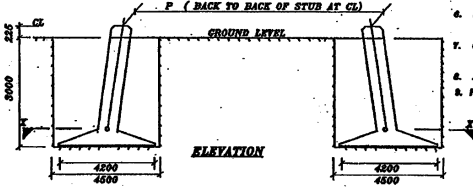
EXCAVATION	=	243.00 m ³
CONCRETE (1:1.5:3)	=	23.84 m ³
CONCRETE (1:3:6)	=	3.63 m ³
REINFORCEMENT	=	1606.595 kg

LEVEL	STUB	CC OF STUB	P	M	N	CLEAR DETAILS
+0m	HT L 110°	30.0	10286	11807	16891	SEE 100% P.L. OF DRAWING
+3m	HT L 110°	30.0	11611	12228	17717	SEE 100% P.L. OF DRAWING
+6m	HT L 110°	30.0	12120	13751	19419	

- NOTES:
- DRAWING NOT TO SCALE
 - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
 - REINFORCED BAR USED Fe 500 CONFORMING TO IS 1786-1985
 - MIX PROPERTIES CONFORMING TO IS 456-2000
 - CONCRETE MIX USED GRADE M 20 (NOMINAL MIX 1:1.5:3), LEAN CONCRETE MIX GRADE M 10 (NOMINAL MIX 1:3:6)
 - STIRRUPS AND BARS ARE TO BE ADJUSTED AT SITE WHENEVER NECESSARY TO CLEAR STUB AND CLEAR
 - CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE 50 MM UNLESS OTHERWISE SPECIFIED
 - ALL 8mm BARS ARE MS BARS.
 - FOR SPLICING, LAP LENGTH TO BE PROVIDED IS 64d, d = DIA OF LARGER BAR.

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:

TYPE OF SOIL : WBC
 UNIT WEIGHT: 1440 / 940 Kg/Cu.M
 BEARING CAPACITY: 18675 Kg/m²
 ANGLE OF REPOSE: 10 / 0 Degree
 WATER TABLE : 0 TO 2 M FROM GL



REVISED AS PER CLIENT COMMENTS		
DATE	REV.	DESCRIPTION

CLIENT	● BHR STATE POWER TRANSMISSION CO.LTD., PATNA	ALL DIMENSIONS ARE IN MM
PROJECT		SCALE HTS
TITLE	WBC TYPE FOUNDATION FOR 220 KV D/C "08+0/3/6" TOWER	REV
DRG.No	220KV-D/C +0/3/6-Fdn.-WBC-25	SHEET 1 OF 1

A3 SHEET