

INVENTORY NO	SIGN. AND DATE	REF. DGC. NO.	COMPUTER FILE NAME
			47ECXXXXX.DWG

GENERAL DIMENSIONAL LIMITS, FITS & TOLERANCES AS PER HY0230261



PILE TYPE	LENGTH (M)	DIA (MM)	SAFE PILE CAPACITY (TONS)		
			VERTICAL	HORIZONTAL	PULL OUT
TEST (TYPE-A)	25	500	100	3.5	20
TEST (TYPE-B)	20	500	70	3.5	20

PILE TYPE	LENGTH (M)	DIA (MM)	SAFE PILE CAPACITY (TONS)		
			VERTICAL	HORIZONTAL	PULL OUT
WORKING TYPE-A	25	500	100	7.0	20
WORKING TYPE-B	20	500	70	7.0	20



FOR TENDERING PURPOSE ONLY

[illegible]

1. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS ARE IN METRES.
2. PILES SHALL BE BORED CAST-IN-SITU CONCRETE PILES.
3. CONCRETING SHALL BE DONE BY TREMIE METHOD.
4. THE GRADE OF CONCRETE SHALL BE 'M30'.
MINIMUM CEMENT CONTENT 400KG/CUM.
5. CEMENT SHALL BE 43 GRADE OPC/PPC/PSC
CONFORMING TO IS:269
6. REINFORCEMENT STEEL SHALL BE TMT BARS
Fe500 CONFORMING TO IS:1786.
7. CLEAR COVER TO LINKS SHALL BE 50mm.
8. IN ADDITION TO THE REINFORCEMENT SHOWN,
SPACER BARS /CIRCULAR TEMPLATE WITH 10 ϕ REIN.BARS
SHALL BE PROVIDED AT 1500C/C. LONGITUDINAL
MAIN BARS SHALL BE TACK WELDED TO
CIRCULAR TEMPLATE.
9. CONCRETING SHALL BE DONE UPTO A MAX OF
1000mm, GENERALLY ABOVE CUT-OFF LEVEL.
10. PILE CUT OFF LEVEL SHALL BE 1.5 M BELOW
FINISHED GROUND LEVEL EL 99.00M.
11. DEVELOPMENT LENGTH SHALL BE 50 TIMES DIA
OF BAR.
12. BARS SHALL BE LAPPED IN STAGGERED WAY &
WELDED AT ALL LAPPINGS.
13. SAFE PILE CAPACITIES FURNISHED IN THE DRAWING ARE
REQUIRED TO BE VERIFIED BY ACTUAL LOAD TEST AT SITE
LOAD TEST SHOULD BE CARRIED OUT AS PER
IS:2911 (Part -4).
14. HELICAL REINFORCEMENT SHALL BE OF REGULAR
FORMATION WITH THE TURNS OF THE HELIX
SPACED EVENLY & ITS ENDS SHALL BE ANCHORED
PROPERLY BY PROVIDING ONE & HALF EXTRA
TURNS OF THE SPIRAL BAR.

PCL - PILE CUT OFF LEVEL

PROJECT :	CPP REVAMP PROJECT .KRIBHCO.HAZIRA
CUSTOMER/CONSULTANT :	KRISHAK BHARATI COOPERATIVE LTD. HAZIRA, GUJARAT

	BHARAT HEAVY ELECTRICALS LTD. PE & SD, HYDERABAD					
		DRN.	PUR		22.12.11	NO. OF VAR.
		CHD.	USHA		22.12.11	N.A.
		APPD.	MKJ		22.12.11	
	SCALE	WEIGHT (KG)	REF. TO ASSY.	DRG.	ITEM NO.	NO. OF ITEMS
	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

DEPT. PED.	UNTOL. DIMS. GR	CODE 450	TITLE	CARD CODE	BHEL REQ. NO.	REV.
	9/M/7		DETAILS OF BORED CAST-IN-SITU PILES	PESD/KRIBHCO/PILE		00
				SHT. No	O1	NO. OF SHT. O1