NOTES:

1. ALL DIMENSIONS ARE IN MM AND ALL LEVELS ARE IN METRES.
2. CONCRETE GRADE SHALL BE M20 (1:1.5:3).
3. REINFORCEMENT STEEL SHALL BE OF GRADE Fe500
   CONFORMING TO IS:1786 (1987).
4. LAP LENGTH OF 50 TIMES BAR DIA SHALL BE PROVIDED IN THE
   REINFORCEMENT.
5. DEVELOPMENT / LAP LENGTH SHALL BE 50 TIMES DIA OF BAR.
6. REINFORCEMENT OF PILE SHALL PROJECT 50 TIMES BAR DIA
   INTO THE PILE CAP.
7. PILE TERMINATION POINT SHALL BE ESTABLISHED AT SITE AS PER
   REQUIREMENT.
8. CLEAR COVER SHALL BE AS 50MM.
CONCRETE GRADE M20

REBAR NEED TO BE BENT WITH IN PILECAP

PILE CUT-OFF LVL.

8Ø Stirrups @ 150c/c

400Ø PILE

8-12Ø

12Ø @ 1000c/c

SPACER ROD SHALL BE TACK WELDED (TYP)

8Ø Stirrups @ 150c/c

SECTION 1-1

400 DIA PILE DETAIL

NOTES:

1) ALL DIMENSIONS ARE IN MM AND ALL LEVELS ARE IN METRES.
2) CONCRETE GRADE SHALL BE M20 (1:1.5:3).
3) REINFORCEMENT STEEL SHALL BE OF GRADE Fe500 CONFORMING TO IS:1786 (1987).
4) LAP LENGTH OF 50 TIMES BAR DIA SHALL BE PROVIDED IN THE REINFORCEMENT.
5) DEVELOPMENT / LAP LENGTH SHALL BE 50 TIMES DIA OF BAR.
6) PILE TERMINATION POINT SHALL BE ESTABLISHED AT SITE AS PER REQUIREMENT.
7) CLEAR COVER SHALL BE — AS 50MM.

CHIEF ENGINEER (CIVIL) BSPTCL

SUPERINTENDING ENGINEER (CIVIL) BSPTCL

EXECUTIVE ENGINEER (CIVIL) B.S.P.T.C.L.
500 DIA PILE DETAIL

CONCRETE GRADE M20

REBAR NEED TO BE BENT WITH IN PILECAP

8@ Stirrups @ 150c/c

500# PILE

8-12#

12@ 1000c/c

SPACER ROD SHALL BE TACK WELDED (TYP)

8@ Stirrups @ 150c/c

8-12#

12@ 1000c/c

8@ 150c/c

NOTES:
1) ALL DIMENSIONS ARE IN MM AND ALL LEVELS ARE IN METRES.
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5) DEVELOPMENT / LAP LENGTH SHALL BE 50 TIMES DIA OF BAR.
6) PILE TERMINATION POINT SHALL BE ESTABLISHED AT SITE AS PER REQUIREMENT.
7) CLEAR COVER SHALL BE - AS 50MM.

SECTION 1-1

BIHAR STATE POWER TRANSMISSION CO. LTD.

DRG. TITLE  STANDARD DETAIL OF 500 DIA - 10M/5.5M LONG PILE
DRG. NO.  BSPTCL-SUBS-SWYD-C-STD-DRG-PILE
SCALE  1:100 SHEET 3 OF 3