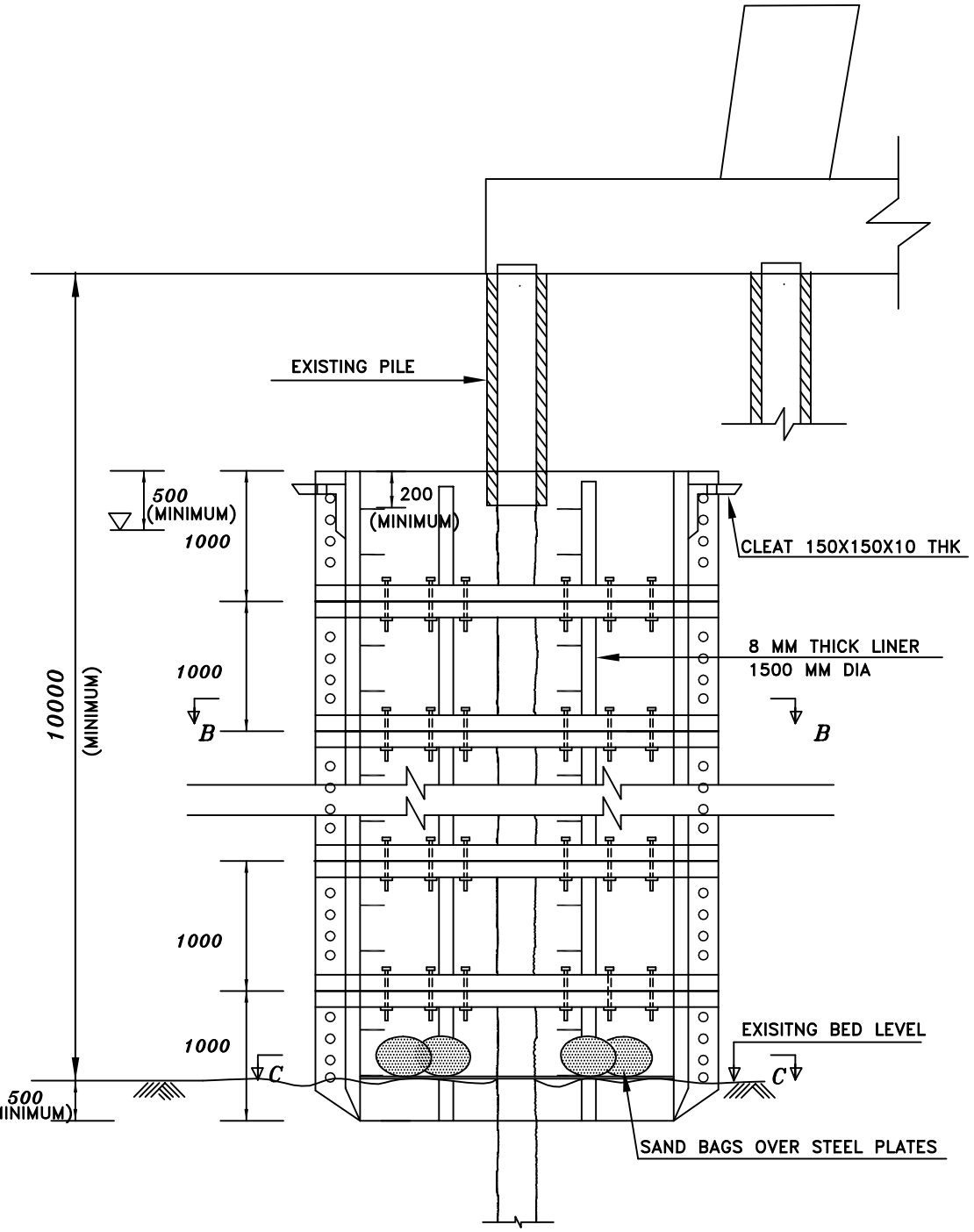
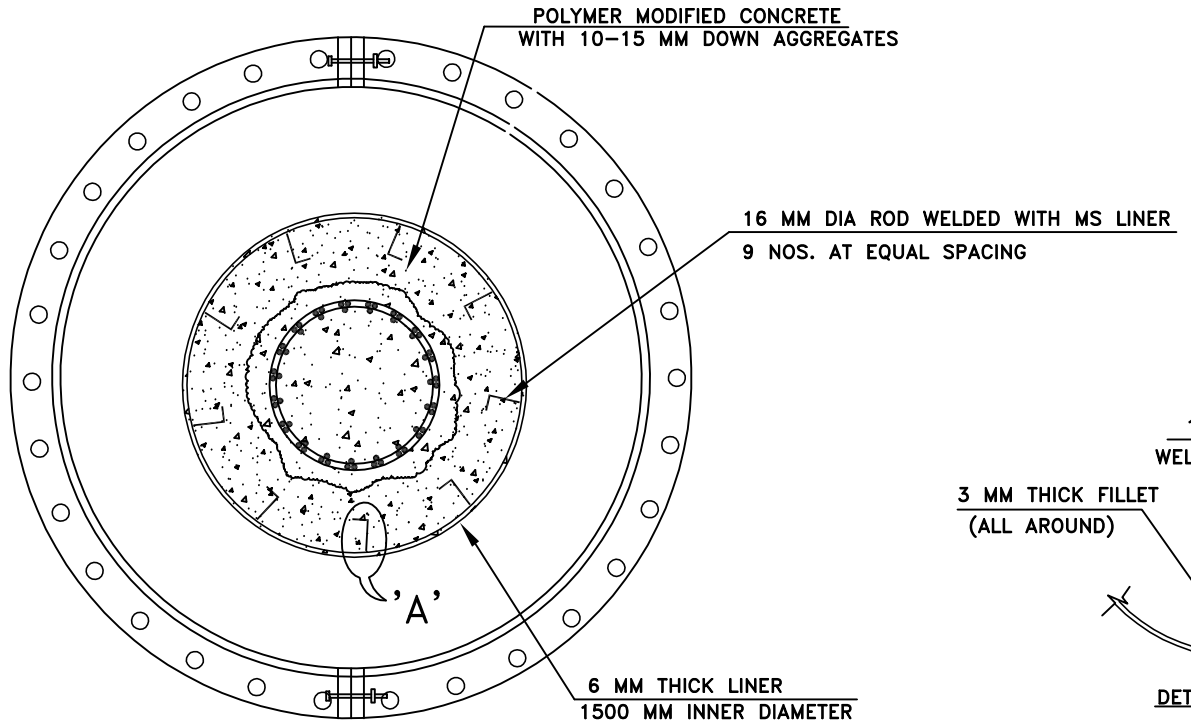
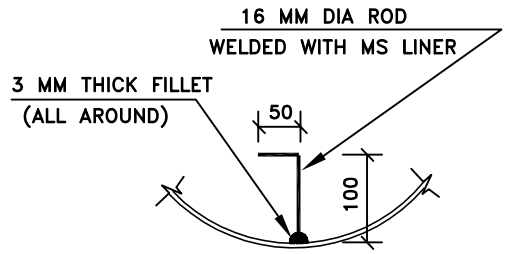


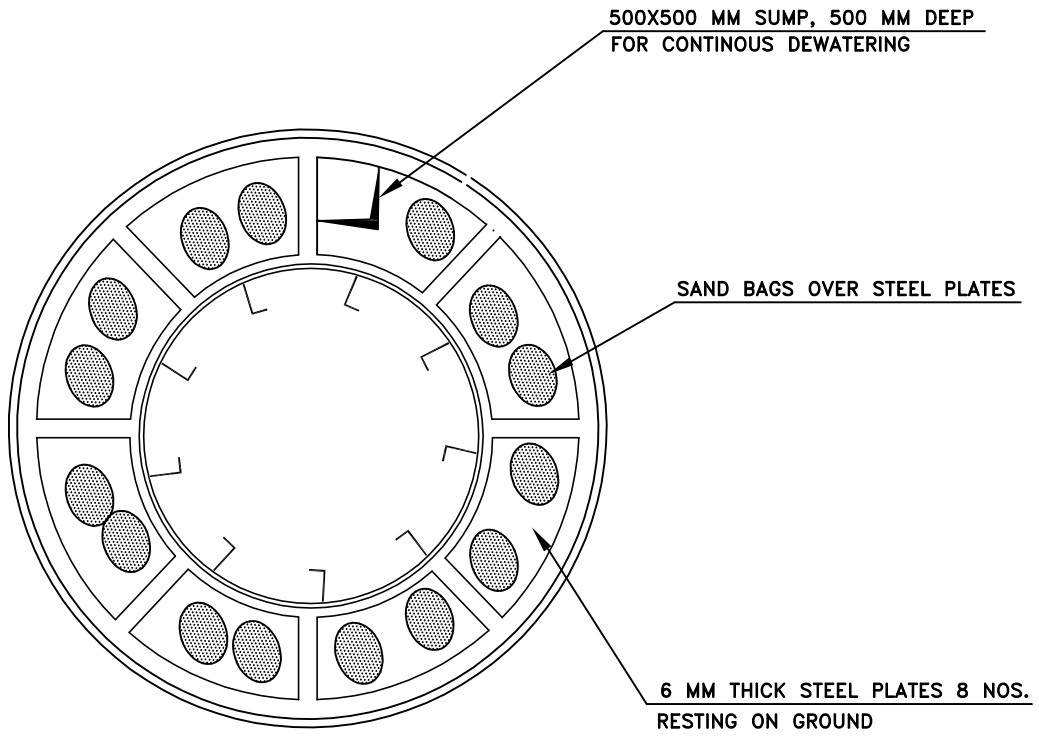
ELEVATION



SECTION B–B



DETAILS AT 'A'



SECTION C–C

(OTHER DETAILS NOT SHOWN FOR CLARITY)

NOTES (CONTINUED)

7) 6 MM THICK LINER OF 1500 MM DIAMETER, 1000 MM DEEP IN TWO EQUAL HALVES SHALL BE FABRICATED AS SHOWN IN THE ENCLOSED DRAWING. HOLD FAST IN THE FORM OF 16MM DIA L SHAPED 150 MM LONG LUGS SHALL BE WELDED INSIDE THE LINER RADIALLY AT AN INTERVAL OF 500MM C/C IN BOTH THE DIRECTION SO THAT THE LUGS ARE EMBEDDED INSIDE FRESH CONCRETE TO PREVENT THEFT OF LINER IN FUTURE. BOTH THE PIECES OF LINER SHALL BE PLACED ENCLOSING THE DAMAGE PILE AND JOINTS OF THE LINER SHALL BE WELDED PROPERLY WITH 6MM THICK FILLET WELD. THE DESIRED LENGTH OF THE LINER SHALL BE ACHIEVED BY WELDING EVERY SEGMENTS OF LINER OF 1M LENGTH. THE OUTER SURFACE OF THE LINER SHALL BE COATED WITH TWO LAYERS OF EPOXY ANTICORROSIVE PAINT. CARE SHALL BE TAKEN ON THE EVERY WELDED JOINT TO MAKE UNIFORM SMOOTH COATING OF EPOXY PAINT.

8) THE TOTAL LENGTH OF LINER SHALL BE DECIDED AT SITE SO THAT ITS TOP EDGE IS PROJECTED 200 MM ABOVE THE BOTTOM OF EXISTING LINER AND THE BOTTOM MOST EDGE OF THE ERECTED LINER SHALL BE AT 10M BELOW THE EXISTING PILE CAP IN LINE WITH THE EARLIER APPROVED CONSTRUCTION DRAWINGS FOR THIS LOCATION.

9) THE EXISTING CONCRETE SURFACE SHALL BE SOAKED WITH POLYMER MIX CEMENT SLURRY. THEREAFTER, THE ANNULAR SPACE IN–BETWEEN ERECTED STEEL LINER AND DAMAGED PILE SHALL BE FILLED UP WITH M–25 GRADE POLYMER MODIFIED CEMENT CONCRETE WITH 10 – 15MM SIZE COARSE AGGREGATE.

10) AFTER RECTIFICATION OF ONE PILE, THE STEEL CHAMBER SHALL BE DISMANTLED AND THE SAME SHALL BE RE–USED AS TOOLS FOR RECTIFICATION OF NEXT DAMAGED PILE.

(FOR S.NO. 1 TO 6 REFER SHEET 1 OF 2)

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PROJECT: 400 KV D/C BIHARSHARIF – MUZAFFARPUR TRANSMISSION LINE (UNDER O & M)

TITLE: RECTIFICATION WORK FOR PILE FOUNDATION LOC. NO. 146 (RC–04) FOR GANGA RIVER CROSSING

SCALE	DRAWING NO:	REV.
N.T.S.	CC:ENGG:TL:4424–21M–PILE–RECT–01 (SHEET 2 OF 2)	0