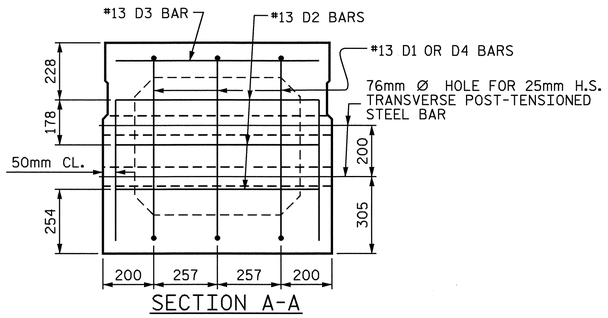
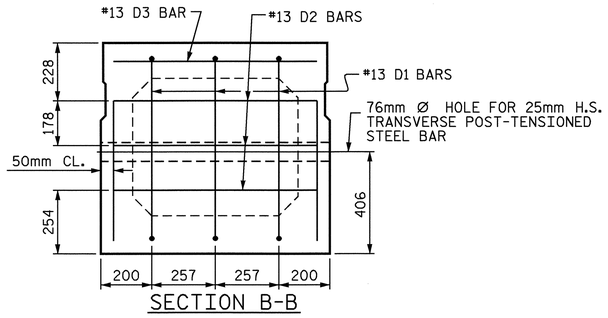
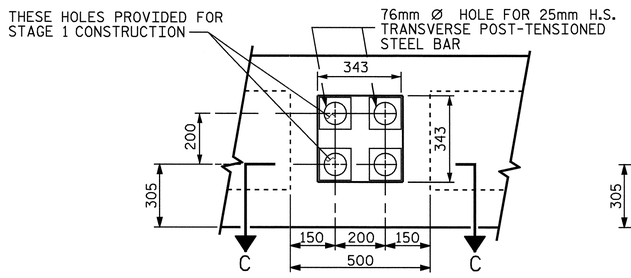


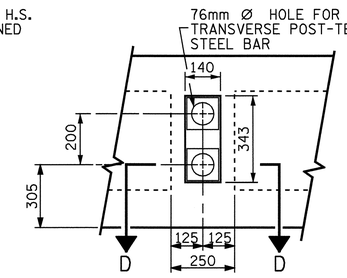
SECTION A-A



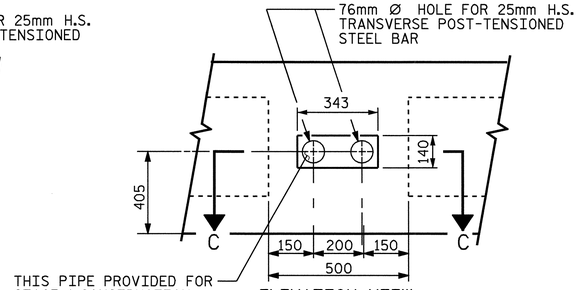
SECTION B-B



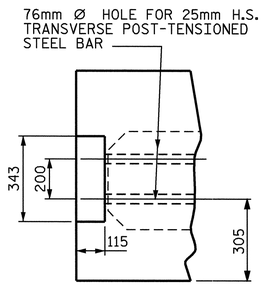
ELEVATION VIEW
SPAN A



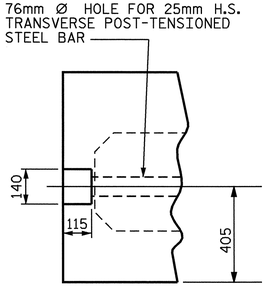
ELEVATION VIEW
SPANS B THRU H



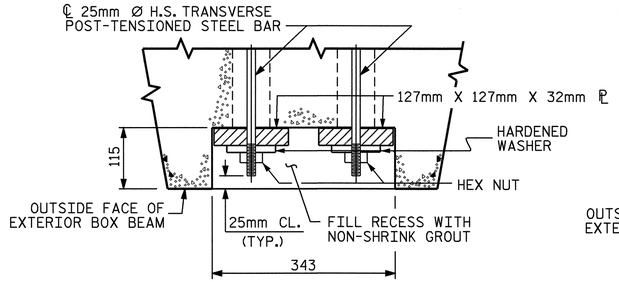
ELEVATION VIEW
SPAN I



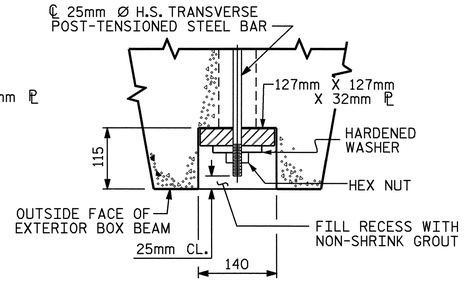
PART SECTION AT RECESS
SPANS A THRU H



PART SECTION AT RECESS
SPAN I



SECTION C-C

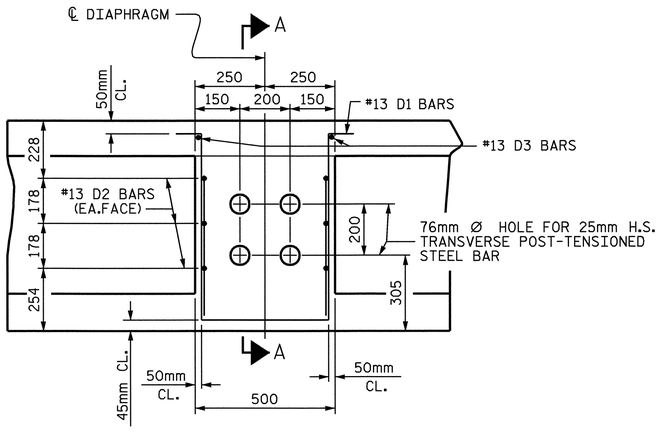


SECTION D-D

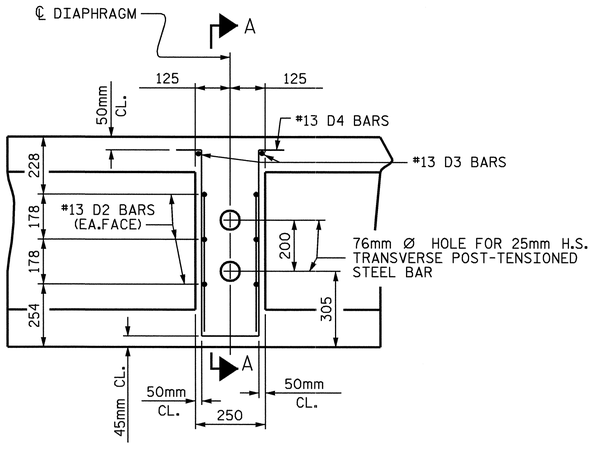
ALL OF THE TRANSVERSE POST-TENSIONING ASSEMBLY, CONSISTING OF THE POST TENSIONED STEEL BAR, ANCHOR PLATE, HARDENED WASHER AND THE HEX NUT SHALL BE GALVANIZED.

AFTER THE POST-TENSIONED STEEL BARS ARE TIGHTENED, STEEL BARS SHALL BE CUT TO PROVIDE A MINIMUM COVER OF 25mm AFTER RECESS IS FILLED WITH NON-SHRINK GROUT.

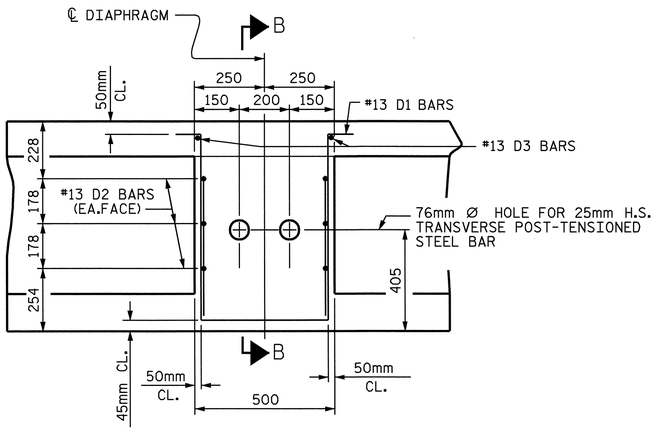
DOUBLE GROUTED RECESS AT END OF POST-TENSIONED STEEL BAR OF BOX BEAM



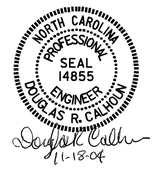
DIAPHRAGM FOR 838mm BOX BEAM
SPAN A



DIAPHRAGM FOR 838mm BOX BEAM
SPANS B THRU H



DIAPHRAGM FOR 838mm BOX BEAM
SPAN I



PROJECT NO. B-2583
MADISON COUNTY
STATION: 12+21.750 -L-
SHEET 5 OF 7

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

B-II 914 PRESTRESSED CONCRETE BOX BEAM TYPICAL SECTION DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-12
1			3			TOTAL SHEETS
2			4			112

DRAWN BY : T. A. HARRIS DATE : 7/28/04
CHECKED BY : K. P. SEDAI DATE : 8/16/04

18-NOV-2004 15:24
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STR. #1