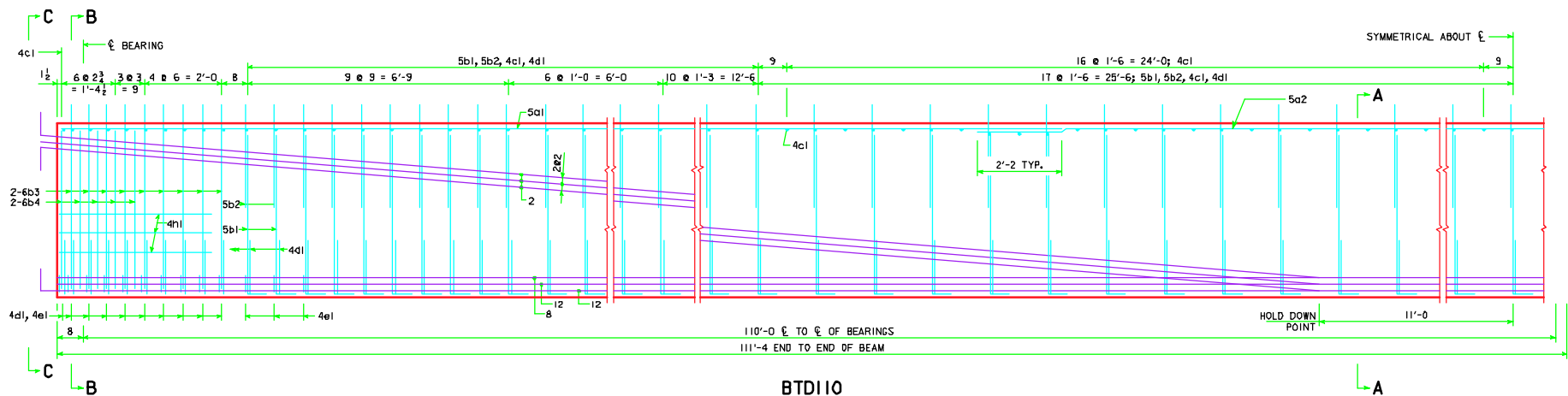
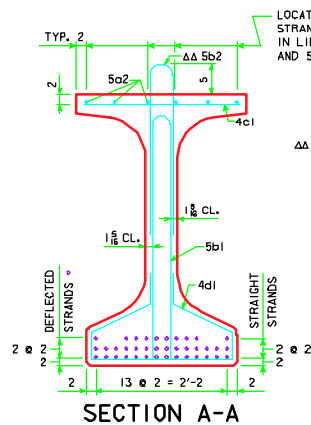


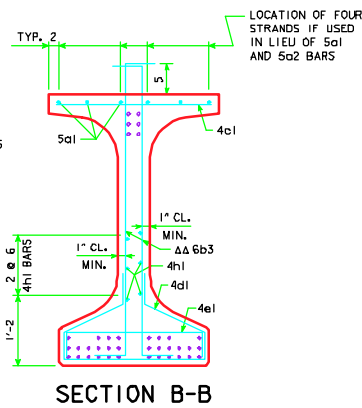


TOP FLANGE LONGITUDINAL BAR LAYOUT

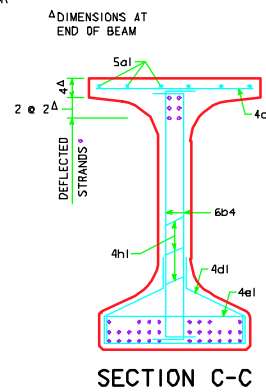


LOCATION OF FOUR STRANDS IF USED IN LIEU OF 5a1 AND 5a2 BARS

ΔΔ EPOXY COATED BARS



LOCATION OF FOUR STRANDS IF USED IN LIEU OF 5a1 AND 5a2 BARS

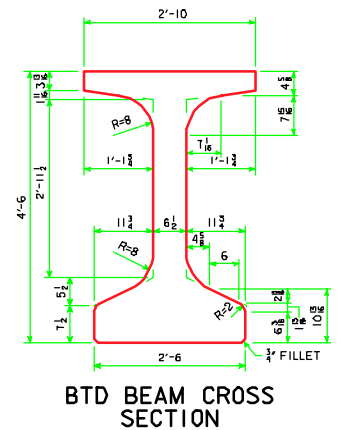


BEAM SECTION PROPERTIES

$$\text{AREA} = 748.8 \text{ in}^2$$

$$\bar{y}_b = 24.64 \text{ in}$$

$$I = 285,860 \text{ in}^4$$



LATEST REVISION DATE	<i>Mark A. R. R.</i> APPROVED BY BRIDGE ENGINEER	 Iowa Department of Transportation Highway Division	
		STANDARD DESIGN - 30' ROADWAY, 2 SPAN BRIDGES	
		PRETENSIONED PRESTRESSED BULB TEE CONCRETE BEAM BRIDGES	
		110'-0" SPAN	JULY, 2004
		BTD110 BEAM DETAILS	BT30-DB2-04