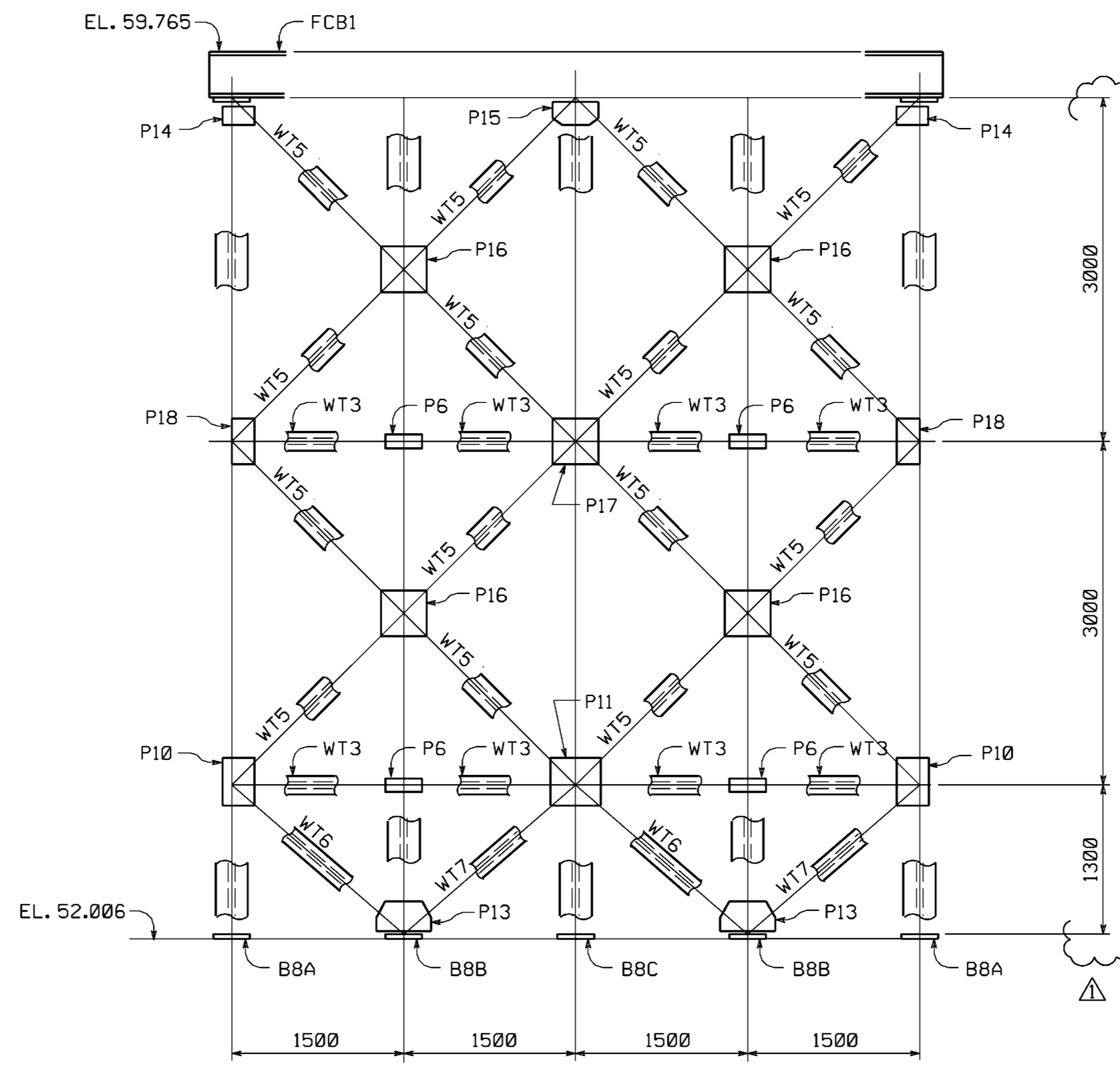
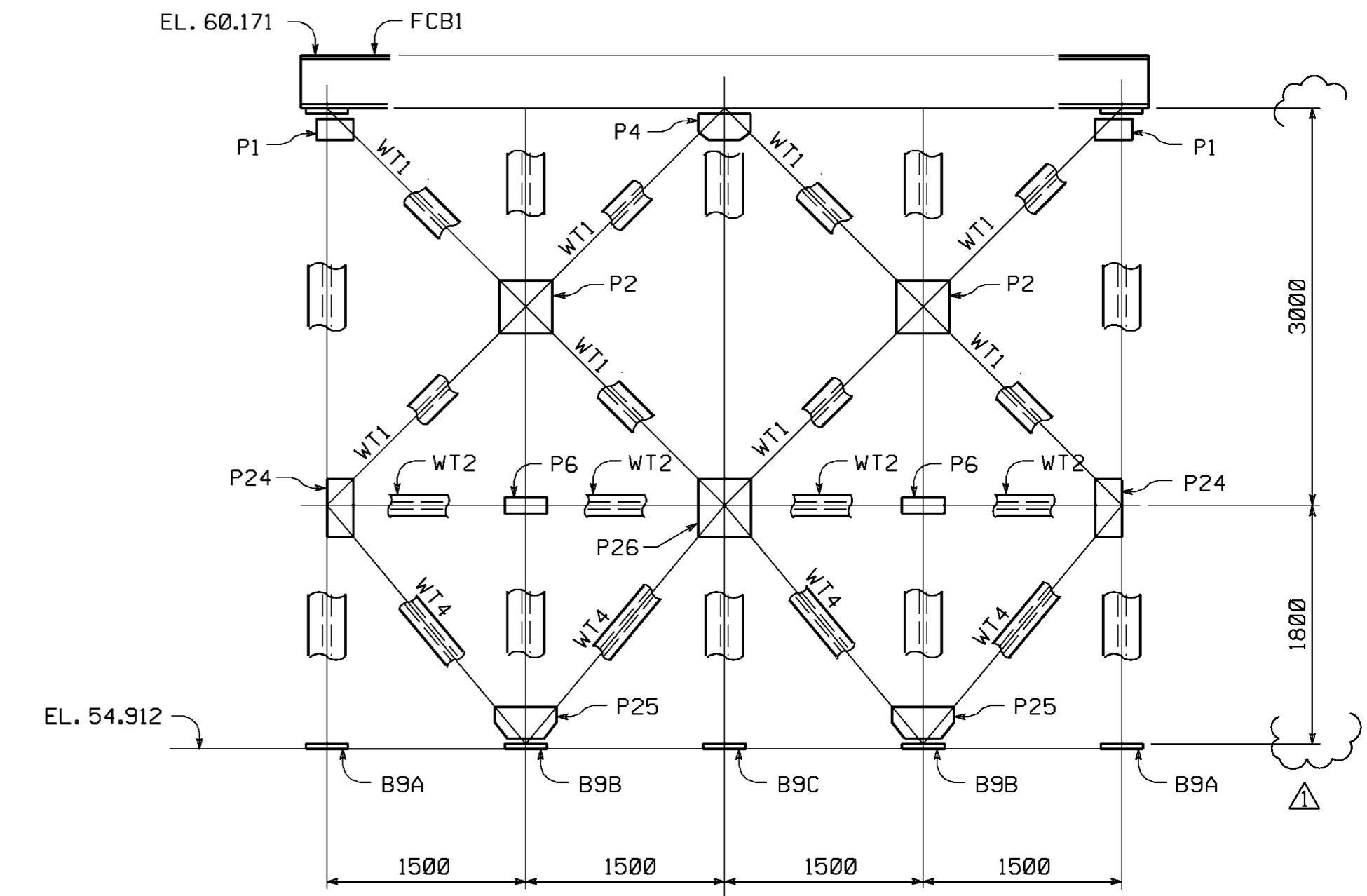


BENT 7



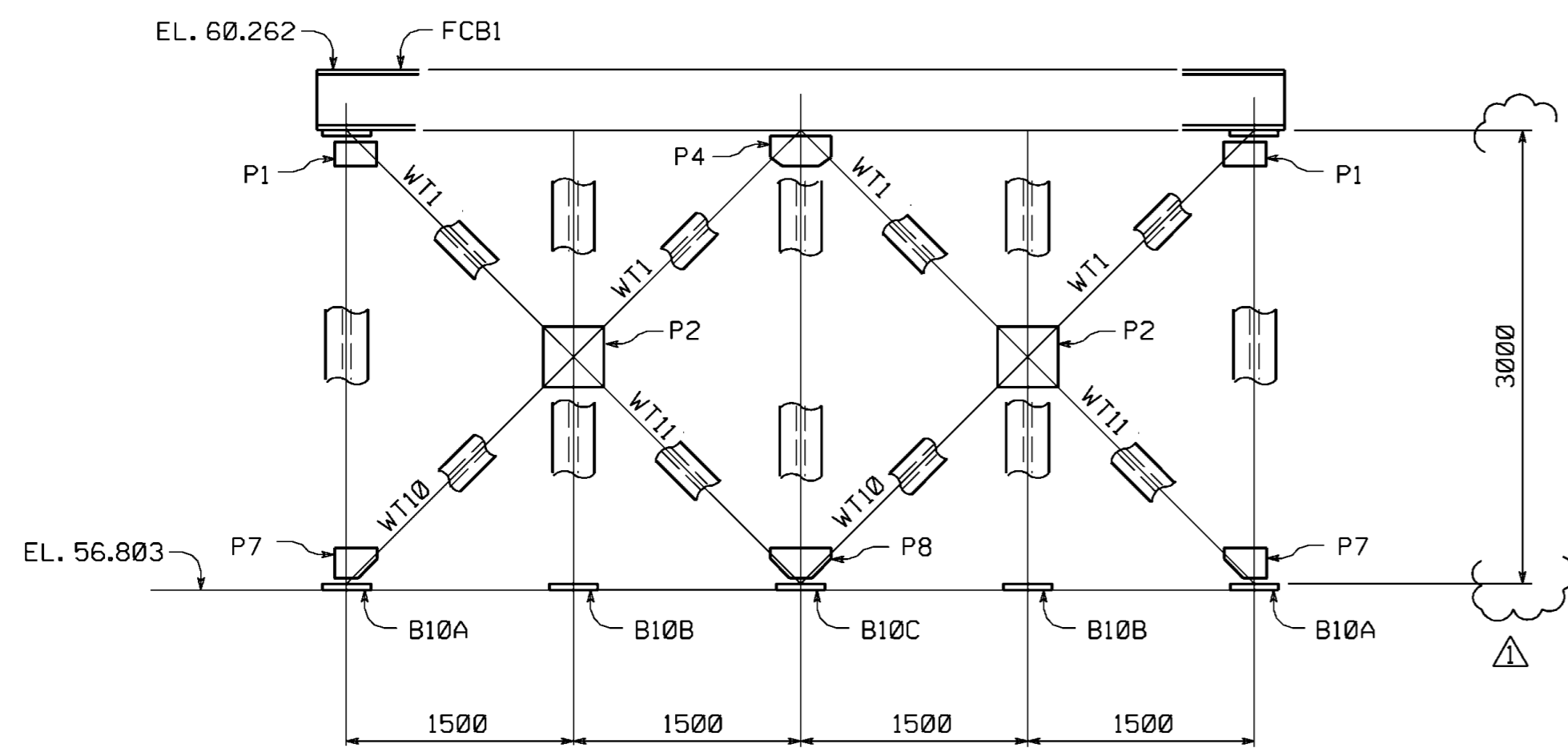
BENT 8



BENT 9

**ERECTOR NOTE:**  
SHIPPING PIECE MARKS ARE ALIKE ON BOTH FACES OF ALL BENTS. PIECES PREFIXED B RUN FULL WIDTH OF BENT.

WORK THIS DWG. WITH DWG. E102



BENT 10

**FIELD BOLT SUMMARY**

(5% ADDITIONAL BOLTS ADDED +10 EA. FOR TESTING)

ASTM A325 TYPE 1 BOLTS WITH HVY. HEX HEAD AND  
ASTM A563 GRADE DH HVY. HEX NUT (MECH. GALV. ASTM B-695 CLASS 50.)

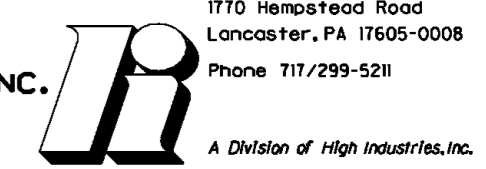
ALL CONN. R'S. TO HP310 FLG. & WT 100'S. TO 18 mm CONN. R'S.	4983 - 1" HIGH STRENGTH BOLTS x 0'-3"	} (RCT)
ALL WT 100'S. TO 22mm CONN. R'S.	178 - 1" HIGH STRENGTH BOLTS x 0'-3 1/4"	
ALL WT 125'S. TO CONN. R'S.	1404 - 1" HIGH STRENGTH BOLTS x 0'-3 1/2"	
ALL CAP BEAMS TO CAP R'S.	766 - 1" HIGH STRENGTH BOLTS x 0'-4 3/4"	

7331 - HARD. FLAT F436 WASHERS FOR 1" H. S. BOLTS (RCT) (MECH. GALV. ASTM B-695 CLASS 50.)

(RCT) INDICATES ROTATIONAL CAPACITY TESTED BOLTS. DO NOT MIX NUTS, BOLTS AND WASHERS FROM DIFFERENT CONTAINERS UNLESS ALL NUTS, BOLTS AND WASHERS HAVE THE SAME LOT NUMBER.

**NOTES:**

NO CREDIT WILL BE ALLOWED FOR WORK PERFORMED BY OTHERS IN REPLACING OR CONNECTING MATERIALS OR WORKMANSHIP COVERED BY THIS DRAWING UNLESS EXPRESSLY AUTHORIZED BY HIGH STEEL STRUCTURES, INC.  
ALL FIELD CONNECTIONS TO BE MADE WITH 1" HIGH STRENGTH (A325, TYPE 1) BOLTS (U.N.)  
ALL DIMENSIONS ARE GIVEN HORIZONTALLY (U.N.)  
BOLT LENGTHS ARE GIVEN IN INCHES.  
ELEVATIONS ARE GIVEN IN METERS.

ADDED VERTICAL PANEL DIMENSIONS ~ APPROVAL CHANGE		RS	1/24/05
NO.	REVISION	BY	DATE
 HIGH STEEL STRUCTURES, INC. A Division of High Industries, Inc.			
ERECTION PLAN FOR BENTS			
N.S. RAILWAY TEMP. TRESTLE BRIDGE OVER S.R. 0309			
N.S. RAILWAY TEMP. TRESTLE BRIDGE STA. 8 + 671.276			
MONTGOMERY COUNTY, PA			
COMMONWEALTH OF PENNSYLVANIA			
DEPARTMENT OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	S-25417	ECMS NO.	64275
CONTRACTOR NYLEVE BRIDGE CORPORATION			
IN CHARGE:	COLONIAL(WRC)	MADE BY:	RAS
CHK'D BY:	JTC	DATE:	10-27-04
CONTRACT NUMBER:	PA-04091-1	DRAWING NUMBER:	E103 of E103