



**ERECTION PLAN**

**FIELD BOLT SUMMARY**  
 (4% ADDITIONAL BOLTS ADDED)

ASTM A325 TYPE 3 BOLTS WITH HVY. HEX HEAD AND  
 ASTM A563 GRADE DH3 HVY. HEX NUT  
 399 - 22.2# - (7/8") HIGH STRENGTH BOLTS x 63.5 (Ø'-2 1/2)  
 399 HARD. FLAT F436 WEATHERING WASHERS FOR 22.2# (7/8") H. S. BOLTS

(RCT)

(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.

**ERECTOR NOTE:** ALL BOLTS MUST BE LOCATED IN ACCORDANCE WITH THIS LIST OF FIELD CONNECTIONS. HIGH STEEL STRUCTURES WILL NOT BE RESPONSIBLE FOR FURNISHING ADDITIONAL BOLTS OR FOR ANY OTHER RELATED COSTS OR DAMAGES RESULTING FROM IMPROPER LOCATION OF BOLTS.

**LIST OF FIELD CONNECTIONS**

LINE NO.	ACTUAL NO. REQ'D.	BOLT DIAM.	BOLT LENGTH	BOLTS /CONN.	# OF CONNS.	GRIP	THICKNESS OF PCS. CONNECTED	PIECES CONNECTED AND REMARKS	ENGLISH BOLT SIZE
1	384	22.2	63.5	8	48	28	14 14	CROSSFRAME TO CONN. #	(7/8" x 2 1/2)
2									
3									

**NOTES:**

NO CREDIT WILL BE ALLOWED FOR WORK PERFORMED BY OTHERS IN REPLACING OR CORRECTING MATERIALS OR WORKMANSHIP COVERED BY THIS DRAWING UNLESS EXPRESSLY AUTHORIZED BY HIGH STEEL STRUCTURES, INC.

ALL DIMENSIONS ARE GIVEN HORIZONTALLY (U.N.). DIMENSIONS GIVEN THUS: (44 490) ARE THE SHIPPING LENGTHS OUT TO OUT OF FASCIA GIRDERS.

HIGH STEEL STRUCTURES, INC. DOES NOT SUPPLY SHEAR STUDS & EXPANSION DAM MATERIALS.

FOR BEARING ASSEMBLIES, SEE DRAWING E1.

WORK THIS DRAWING WITH DRAWING E1.

NOTICE: WEIGHTS OF MEMBERS LISTED ON THESE DRAWINGS ARE ESTIMATED WEIGHTS AND ACTUAL WEIGHTS WILL VARY. HIGH STEEL STRUCTURES, INC. WILL NOT BE RESPONSIBLE FOR ANY ERECTION PROCEDURES, SHIPPING PROCEDURES, ETC. DEVELOPED USING ESTIMATED WEIGHTS AS SHOWN.

RECEIVED  
 NOV 16 1999  
 RESUBMIT  APPROVED  DATE 12/6/99

NO.	REVISION	BY	DATE
 1770 Hempstead Road Lancaster, PA 17605-0008 Phone 717/295-5281 A Division of High Industries, Inc.			
ERECTION PLAN			
VT. 116 OVER NEW HAVEN RIVER			
VT. 116 STA. 1+255.00 TO STA. 1+299.00			
TOWN OF BRISTOL, BRIDGE NO. 10			
STATE OF VERMONT			
AGENCY OF TRANSPORTATION			
STATE CONTRACT OR REF. NO.	PROJECT NO. ER 021-1(13)	083	
CONTRACTOR: BECK & BELLUCCI, INC.			
IN CHARGE: ALLEN (IH)	MADE BY: AGS	CHK'D BY: PFH	DATE: 11-8-99
CONTRACT NUMBER: VT-99109-1	DRAWING NUMBER: E2 OF E2		

METRIC  
 BY: ashua  
 PLOTTED: 18 NOV 1999 14:29:57