



FIELD BOLT LIST		A325 Type 3 BOLTS		WASHER CODES		PIECES CONNECTED AND REMARKS	
LINE	NO. REQ'D	BOLT DIA.	BOLT LEN.	WASHER DIA.	WASHER THICK.	GRIP	THICKNESS OF PCS. CONNECTED
FIELD SPLICES 1 & 4							
1							
2	840	7/8	6	84	10	115	30 50 35
3	1080	7/8	3 1/2	108	10	53	14 25 14
4	720	7/8	8	72	10	115	30 50 35
FIELD SPLICES 2 & 3							
7	580	7/8	6	58	10	115	30 50 35
8	1500	7/8	3 1/2	150	10	48	14 20 14
9	432	7/8	6	72	6	115	30 50 35
10	264	7/8	6	66	4	115	30 50 35
11	36	7/8	6 1/2	9	4	120	30 50 35 13
FIELD SPLICES 5 & 6							
14	1080	7/8	5 1/2	108	10	110	30 50 30
15	2240	7/8	4	224	10	83	19 25 19
16	1080	7/8	5 1/2	108	10	110	30 50 30
INT. CROSSFRAMES D2 & D3							
19	788	7/8	2 1/2	8	98	28	13 13
20	384	7/8	2 1/2	4	98	28	13 13
INT. CROSSFRAMES D4							
23	180	7/8	2 1/2	10	18	28	13 13
24	180	7/8	2 1/2	10	18	28	13 13

1. All bolt diameters and lengths are shown in inches (english unit of measurement).
 2. All grip values are shown in metric units.

FIELD BOLT LIST		A325 Type 3 BOLTS		WASHER CODES		PIECES CONNECTED AND REMARKS	
LINE	NO. REQ'D	BOLT DIA.	BOLT LEN.	WASHER DIA.	WASHER THICK.	GRIP	THICKNESS OF PCS. CONNECTED
INT. CROSSFRAMES D5							
26							
27	704	7/8	2 1/2	8	88	26	13 13
28	704	7/8	2 1/2	8	88	26	13 13
INT. CROSSFRAMES D6							
31	384	7/8	2 1/2	8	48	26	13 13
32	192	7/8	2 1/2	4	48	26	13 13
LATERALS							
35	1104	7/8	2 1/2	6	104	23	10 13

WASHER CODES
 L1: 1 Flat, 1 Load Ind.
 L2: 2 Flat, 1 Load Ind.

FIELD BOLT LIST		A325 Type 1 (GALV) BOLTS		WASHER CODES		PIECES CONNECTED AND REMARKS	
LINE	NO. REQ'D	BOLT DIA.	BOLT LEN.	WASHER DIA.	WASHER THICK.	GRIP	THICKNESS OF PCS. CONNECTED
ABUTMENT CROSSFRAMES							
36							
37	128	7/8	3	8	16	35	10 25
38	96	7/8	3	8	16	35	13 25
LATERALS (PRINTED AT ABUT 1 & 2)							
41	48	7/8	2 1/2	6	8	23	10 13

WASHER CODES
 L1: 1 Flat, 1 Load Ind.
 L2: 2 Flat, 1 Load Ind.

FIELD BOLT SUMMARY		EXACT COUNT - NONE EXTRA		REMARKS	
LINE	NO. OF BOLTS	BOLT DIA.	BOLT LEN.	ACTUAL COUNT	
1	48	7/8	A325 Type 1	2 1/2	48 (GALVANIZED)
2					
3	224	7/8	A325 Type 1	3	224 (GALVANIZED)
4	320		Hard Flat Washers for 7/8" BOLT		F438-1 (GALVANIZED)
5	272		Load Ind. Washers for 7/8" BOLT		F388 (GALVANIZED)
6					
7					
8	4560	7/8	A325 Type 3	2 1/2	4560
9					
10	2580	7/8		3 1/2	2580
11	2240	7/8		4	2240
12	2160	7/8		8 1/2	2160
13	2616	7/8		6	2616
14	96	7/8	A325 Type 3	6 1/2	96
15	15296		Hard Flat Washers for 7/8" BOLT		F438-3
16	14182		Load Ind. Washers for 7/8" BOLT		F388-3
17					

Reviewed Furnish As Corrected
 Rejected Revise and Resubmit

This review is only for general conformance with the design concept and the information given in the Construction Documents. Corrections or comments made on the shop drawings during the review do not relieve the Contractor from compliance with the requirements of the Plans and Specifications. Review of a specific item shall not include review of an assembly of which an item is a component. The Contractor is responsible for dimensions to be confirmed and corrected at the job site; information that pertains solely to the fabrication process or to the means, methods, techniques, sequences and procedures of construction, coordination of the Work with that of other trades and performing all Work in a safe and satisfactory manner.

Date: March 25, 2013
 By: D. Kull

Vermont Agency of Transportation
RECEIVED
 CK'D BY D.E.B. OK'D BY D.E.B.
 March 19, 2013
 RESUBMIT No Approved
 BY T. Bohl DATE 03/28/2013

03/15	QTY FOR FIELD SPLICE DESIGN REVISION	CRK	PCP		
03/16	REVIS LATERAL BRACKET WASHERS TO FIELD BOLTS				
REV. DATE	REMARKS	DWN	CHK	APVL	SHOP
MATERIAL:	SURFACE PREP. & PAINT:	HOLES:	SHOP BOLTS:		
DESCRIPTION: FRAMING PLAN & FIELD BOLTS					
CASCO BAY STEEL STRUCTURES, INC. 1 WALLACE AVE. PHONE (207) 780-6722 SOUTH PORTLAND, ME 04106 FAX. (207) 780-6726					
STRUCTURE:	VT 100 OVER LAHOILLE RIVER MORRISTOWN, VT LAHOILLE COUNTY STP F 029-1 (2) C/1	DRAWN:	JTB	DATE:	08/21
LOCATION:	MORRISTOWN, VT	CHKD:	PCP	DATE:	09/17
PROJ. NO.	STP F 029-1(2)C/1	JOB NO.		DWG NO.	E2
CUSTOMER:	MINTERSSET, INC.	REV.			

WORK THIS DRAWING WITH DRAWINGS E1 & E3