



FIELD BOLT LIST				A325 Type 3 BOLTS				THICKNESS OF PCS. CONNECTED		MARK CODE	PIECES CONNECTED AND REMARKS
LINE	NO. REQ'D.	BOLT DIA.	BOLTS OF LEN. / CONN.	# OF CONN.	GRIP						
1											FIELD SPLICE 1
2	200	7/8	4	20	10	2 9/16	3/4	3/16	5/8		1 TOP & BTH FLG SPLICE
3	240	7/8	3	48	5	1 5/8	1/2	5/8	1/2		1 WEB SPLICE
4											
5											INT. DIAPHRAGMS
6	320	7/8	2 1/2	5	64	1 5/16	1/2	7/16			1 WEB TO CONN PL
7											
8											BRG DIAPHRAGMS - ABUT 2
9	40	7/8	2 1/2	5	8	1 1/8	1/2	5/8			1 GUSSET TO CONN PL
10	40	7/8	2 1/2	5	8	1 5/16	1/2	7/16			1 GUSSET TO WEB
11											
12											BRG DIAPHRAGMS - PIER 1&2
13	80	7/8	2 1/2	5	16	1 1/8	1/2	5/8			1 GUSSET TO CONN PL

WASHER CODES  
1: 1 Hard Flat Washer

**TVGA**  
Engineering, Surveying, P.C.

NO EXCEPTIONS TAKEN  
 FURNISH AS CORRECTED  
 REVISE AND RESUBMIT

REJECTED

ENGINEER has reviewed Shop Drawings and Samples and other data which Contractor is required to submit, only for conformance with the information given in the Contract Documents and compliance with the design concept of the Contract Documents. Shop reviews do not constitute an endorsement or a warranty of the design or construction of the work. Contractor is responsible for all dimensions, materials, techniques, assumptions, and procedures of the work. Contractor is responsible for all dimensions, materials, techniques, assumptions, and procedures of the work. Contractor is responsible for all dimensions, materials, techniques, assumptions, and procedures of the work.

BY: *[Signature]*  
DATE: 11-08-2001

OUT FOR APPROVAL	3-5-01																			
ISSUED TO SHOP																				
FIELD & OFFICE																				
REV. REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER										
MATERIAL:	ELECTRODES:																			
M270 GR 50W																				
SURFACE PREP. & PAINT:																				
-STEEL WITHIN 10'-0" OF ABUT 2 SHALL BE PAINTED (SEE GNI)																				
-ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.																				
DESCRIPTION:	FRAMING PLAN	DRAWN BY	DATE																	
JOB:	BRIDGE NO. 43N	PHG	02/16																	
	I-89 SB OVER U.S. ROUTE 2	CHKD BY																		
	I-89 IMPROVEMENTS	TRM	02/21																	
	TOWN OF MIDDLESEX-BOLTON, VERMONT	APPROV BY																		
		SUPERVISOR	W. J. GATTI																	
PROJ NO.	IM-089-2(26)	Q.A.																		
CUSTOMER:	VERMONT AGENCY OF TRANSPORTATION																			
<b>CASCO BAY STEEL STRUCTURES, INC.</b>	JOB NO.	DRG. NO.																		
75 SPRING HILL ROAD	117-43N	E202																		
PHONE (207) 282-7360	SACO, MAINE 04072	REV. $\Delta$																		
	FAX. (207) 282-1179																			

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