



FRAMING PLAN

FIELD BOLT LIST				A325 Type 3 BOLTS				WASHER CODES	PIECES CONNECTED AND REMARKS
LINE	NO. REQ'D.	BOLT DIA.	BOLTS # OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED				
1								FIELD SPLICES	
2	400	7/8	3/4	40	10	2 3/8	5 1/8 5/8	1 TOP FLG SPLICE	
3	480	7/8	3/4	48	10	1 1/2	2 2/2 2/2	1 WEB SPLICE	
4	400	7/8	3/4	40	10	2 7/16	5 3/8 5/8	1 BTH FLG SPLICE	
5									
6								INT. DIAPHRAGMS	
7	400	7/8	2 1/4	5	80	13/16	5 1/2	1 WEB TO CONN PL	
8									
9								PIER DIAPHRAGMS	
10	80	7/8	2 3/4	5	16	3/8	1 2/8	1 GUSSET TO CONN PL	

WASHER CODES
1: 1 Hard Flat Washer

FIELD BOLT LIST				A325 Type 1 BOLTS				WASHER CODES	PIECES CONNECTED AND REMARKS
LINE	NO. REQ'D.	BOLT DIA.	BOLTS # OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED				
11								ABUT DIAPHRAGMS	
12	40	7/8	2 3/4	5	8	3/8	1 2/8	1 GUSSET TO CONN PL	
13	40	7/8	2 1/4	5	8	13/16	1 2/5	1 GUSSET TO WEB	

WASHER CODES
1: 1 Hard Flat Washer

TVGA
Engineering, Surveying, P.C.

NO EXCEPTIONS TAKEN REJECTED
 FURNISH AS CORRECTED
 REVISE AND RESUBMIT

ENGINEER has reviewed Shop Drawings and Samples and other data which Contractor is required to submit, and for conformance with the information given in the Contract Documents and compliance with the design concept of the completed Project as a functioning whole as indicated in the Contract Documents. Such review is not intended to insure, methods, techniques, sequences or procedures of construction or to safety precautions and programs incident thereto. Contractor is responsible for dimensions to be confirmed and correlated at the job site; for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades.

BY: *Pat W. S. E.*
DATE: 5/3/01

OUT FOR APPROVAL	4501										
ISSUED TO SHOP											
FIELD & OFFICE											
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
MATERIAL:	M270 GR 50W	ELECTRODES:									
HOLES:	15/16 Ø (UN)	SHOP BOLTS:	7/8 Ø (UN)								
SURFACE PREP. & PAINT: -STEEL WITHIN 10'-0 OF ABUT 1 SHALL BE PAINTED (SEE GN501) -ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.											
DESCRIPTION:	FRAMING PLAN				DRAWN BY	DATE					
JOB:	BRIDGE NO. 50S I-89 SB OVER U.S. ROUTE 2 I-89 IMPROVEMENTS TOWN OF MIDDLESEX-BOLTON, VERMONT				PHG	03/12/01	CHKD BY				
					TRM	04/03/01	APPROV BY				
					SUPERVISOR	H. J. GATTI					
PROJ NO.	1M-089-2(26)				Q.A.						
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION											
CASCO BAY STEEL STRUCTURES, INC.						JOB NO.	122-505	DRG. NO.	E501		
75 SPRING HILL ROAD SACO, MAINE 04072						PHONE	(207) 282-7360	FAX	(207) 282-1179		
REV. <input type="checkbox"/>											

For Rev. 3 (04/03/01) 2001 TVGA Engineering, Surveying, P.C.