



FRAMING PLAN

SPAN 3

FIELD BOLT LIST										A325 Type 3 BOLTS					WASHER CODE	PIECES CONNECTED AND REMARKS
LINE	NO. REQ'D.	BOLT DIAM.	BOLT LEN.	BOLTS /CONN.	# OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED									
1															FIELD SPLICES	
2	1600	7/8	4 1/2	40	40	2 1/2	5/8	5/8	5/8						1 TOP & BTM FLG SPLICE	
3	960	7/8	3	48	20	1 1/2	1/2	1/2	1/2						1 WEB SPLICE	
4																
5															INT. DIAPHRAGMS	
6	480	7/8	2 1/4	5	96	1 3/16	5/16	1/2							1 WEB TO CONN PL	
7																
8															PIER DIAPHRAGMS	
9	80	7/8	2 3/4	5	16	1 3/8	1/2	7/8							1 GUSSET TO CONN PL	

WASHER CODES

1: 1 Hard Flat Washer

FIELD BOLT LIST										A325 Type 1 BOLTS					WASHER CODE	PIECES CONNECTED AND REMARKS
LINE	NO. REQ'D.	BOLT DIAM.	BOLT LEN.	BOLTS /CONN.	# OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED									
10															ABUT DIAPHRAGMS	
11	40	7/8	2 3/4	5	8	1 3/8	1/2	7/8							1 GUSSET TO CONN PL	
12	40	7/8	2 1/4	5	8	1 3/16	1/2	5/16							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, only for conformance with the information given in the Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated in the Contract Documents. Such reviews do not extend to means, methods, techniques, sequences or procedures of construction or to safety precautions and programs incident thereto. Contractor is responsible for dimensions to be confirmed and controlled as 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: *[Signature]*
DATE: 07-11-2002

OUT FOR APPROVAL	10-3-01														
OUT FOR APPROVAL															
ISSUED TO SHOP															
FIELD & OFFICE															
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER				
	MATERIAL: M270 GR. 50W (UN)										HOLES: 15/16 Ø (U.N.)				SHOP BOLTS: 7/8 Ø (U.N.)
SURFACE PREP. & PAINT: - STEEL WITHIN 10'-0 OF ABUT. 2 SHALL BE PAINTED (SEE GN301) - ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.															
DESCRIPTION: FRAMING PLAN												DRAWN BY	DATE		
JOB: I-89 NB OVER LITTLE RIVER												BW	08/06/01		
I-89 IMPROVEMENTS												CHKD BY			
BETWEEN TOWNS OF MIDDLESEX & BOLTON												ELC	9/14/01		
COUNTY OF WASHINGTON VERMONT												APPROV BY			
TENSOR 2107-N												SUPERVISOR	H. J. GATTI		
PROJ NO. IM-089-2(26)												Q.A.			
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION												JOB NO.	DRG. NO.		
CASCO BAY STEEL STRUCTURES, INC.												119-48N	E 402		
75 SPRING HILL ROAD SACO, MAINE 04072												REV.	△		
PHONE (207) 282-7360 FAX. (207) 282-1179															