



FRAMING PLAN

FIELD BOLT LIST										A325 Type 3 BOLTS		WASH CODE	PIECES CONNECTED AND REMARKS
LINE	NO REQ'D	BOLT DIAM.	BOLT LEN.	BOLTS /CONN.	# OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED						
1													INT. CROSSFRAMES
2	120	7/8	2 1/2	3	40	28	14	14					1 TOP GUSSET TO STIFF
3	200	7/8	2 1/2	5	40	28	14	14					1 BTM GUSSET TO STIFF
4													
5													END CROSSFRAME @ ABUT 1
6	96	7/8	2 1/2	12	8	36	14	22					1 TOP GUSSET TO STIFF
7	80	7/8	2 1/2	10	8	36	14	22					1 BTM GUSSET TO STIFF

I: 1 Hard Flat Washer

FIELD BOLT SUMMARY						2% + 3 ADDED, MIN. 2 EXTRA		REMARKS
LINE	NO. OF BOLTS	BOLT DIAM.	TYPE	BOLT LEN.	ACTUAL COUNT			
1	329	7/8	A325 Type 3	2 1/2	320			
2	183	7/8		2 1/2	176			
3								
4	512		Hard Flat Washers for	7/8			BOLT	
5								
6								
7	183	7/8	A325-1 GALV	2 1/2	176			
8								
9	183		Hard Flat Washers for	7/8			BOLT	
10								
11								
12								

FIELD BOLT LIST										A325-1 GALV BOLTS		WASH CODE	PIECES CONNECTED AND REMARKS
LINE	NO REQ'D	BOLT DIAM.	BOLT LEN.	BOLTS /CONN.	# OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED						
8													END CROSSFRAME @ ABUT 2
9													(PAINTED)
10	96	7/8	2 1/2	12	8	36	14	22					1 TOP GUSSET TO STIFF
11	80	7/8	2 1/2	10	8	36	14	22					1 BTM GUSSET TO STIFF

I: 1 Hard Flat Washer

OUT FOR APPROVAL	8/30/02													
ISSUED TO SHOP														
FIELD & OFFICE														
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER			
MATERIAL:	M270M-345W	ELECTRODES:		HOLES:	24 mm (15/16) Ø	SHOP BOLTS:								
SURFACE PREP. & PAINT: -STEEL WITHIN 1500 OF ABUT. 2 END OF GIRDERS SHALL BE PAINTED (SEE GNI) -ALL OTHER STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.														
DESCRIPTION:	FRAMING PLAN										DRAWN BY	DATE		
JOB:	US Route 5 over Northern Vermont RR										PHG	08/23		
	BRIDGE NO. 161										CHKD BY			
	BARTON, VERMONT (ORLEANS COUNTY)										JB	08/27		
	CONTRACTOR: WINTERSET										APPROV BY			
											SUPERVISOR	M. J. GATTI		
PROJ NO.	AC STP 0113 (58) S										Q.A.			
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION														
CASCO BAY STEEL STRUCTURES, INC.										JOB NO.	DRG. NO.			
75 SPRING HILL ROAD SACO, MAINE 04072										163	E1			
PHONE (207) 282-7360 FAX. (207) 282-1179										REV.	△			

RECEIVED
 OK'D BY: *WBS* OK'D BY: *RSY*
 SEP 04 2002
 RESUBMIT APPROVED *As Noted*
 BY: *CPW* DATE: *9/17/02*

PWS: 11/20/02 EDP: 0202
 11/20/02 11:20:02 AM