



**FRAMING PLAN**

RECEIVED  
 JUL 24 2007  
 BY *WJY* DATE *7/24/07*

FIELD BOLT LIST										A325 Type 3 BOLTS	
LINE	NO. REQ'D.	BOLT DIA.	BOLT LEN.	# OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED	WASHER CODE	PIECES CONNECTED AND REMARKS			
1								<b>ABUT 1 DIAPHRAGMS</b>			
2	72	7/8	2 1/2	9	8	1 1/2	3	1	DIAPHRAGM WEB TO BRG STIFFENER		
3								<b>INTERMEDIATE DIAPHRAGMS</b>			
5	288	7/8	2 1/2	9	32	1 1/2	2	1	DIAPHRAGM WEB TO CONNECTION PLATE		

WASHER CODES  
 1: 1 Hard Flat Washer

FIELD BOLT SUMMARY						2% ADDED, MIN. 2 EXTRA		REMARKS
LINE	NO. OF BOLTS	BOLT DIA.	TYPE	BOLT LEN.	ACTUAL COUNT			
1	294	7/8	A325 Type 3	2 1/2	288			
2	74	7/8	A325 Type 3	2 1/2	72			
3	368	Hard Flat Washers for 7/8" BOLT						
5	46	7/8	A325 Type 1	2 1/2	44	(GALV)		
6	46	Hard Flat Washers for 7/8" BOLT				(GALV)		
8	74	7/8	A325 Type 1	2 1/2	72	(GALV)		
9	74	Hard Flat Washers for 7/8" BOLT				(GALV)		

FIELD BOLT LIST										A325 Type 1 (GALV) BOLTS	
LINE	NO. REQ'D.	BOLT DIA.	BOLT LEN.	# OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED	WASHER CODE	PIECES CONNECTED AND REMARKS			
1								<b>ABUT 2 DIAPHRAGM</b>			
2	72	7/8	2 1/2	9	8	1 1/2	3	1	DIAPHRAGM WEB TO BRG STIFFENER		
3								<b>UTILITY SUPPORT 6D6</b>			
5	22	7/8	2 1/2	1	22	3/4	3	1	ANGLE TO CONNECTION ANGLE		
6								<b>UTILITY SUPPORT 6D7</b>			
8	22	7/8	2 1/2	1	22	3/4	3	1	CHANNEL WEB TO CONNECTION ANGLE		

WASHER CODES  
 1: 1 Hard Flat Washer

OUT FOR APPROVAL	<i>6/14/07</i>								
ISSUED TO SHOP	<i>7/20/07</i>								
FIELD & OFFICE									
APPROVAL COMMENTS	7/20/07	JTB	ELC						
REV. REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE
MATERIAL:	ELECTRODES:	HOLES:	SHOP BOLTS:						
SURFACE PREP. & PAINT:									
DESCRIPTION:	FRAMING PLAN				DRAWN BY	DATE			
JOB:	TOWN HIGHWAY #3 OVER WILLOUGHBY RIVER BRIDGE NO. 61 TOWN OF BARTON, VILLAGE OF ORLEANS COUNTY OF ORLEANS, VERMONT CONTRACTOR: JA McDONALD				JTB	06/07			
PROJ NO.	BRO 1449(29)				ELC	06/07			
CUSTOMER:	VERMONT ROT				APPROV BY				
	CASCO BAY STEEL STRUCTURES, INC.				SUPERVISOR	W. J. GATTI			
	75 SPRING HILL ROAD SACO, MAINE 04072				JOB NO.	DRG. NO.			
	PHONE (207) 282-7360 FAX. (207) 282-1179				328	E1			
					REV.	△			