



**SPAN 2**  
**FRAMING PLAN**

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

WASHER CODES  
1: 1 Hard Flat Washer

FIELD BOLT SUMMARY					2% ADDED, MIN. 2 EXTRA		REMARKS
LINE	NO. OF BOLTS	BOLT DIAM.	BOLT LEN.	ACTUAL COUNT			
1	326	7/8	2 1/2	320			
2	180	7/8	2 3/4	176			AT ABUT 2 END CROSSFRAMES
3	506	Hard Flat Washers for 7/8 BOLT					TYPE 436W
4							
5							
6							
7	180	7/8	2 3/4	176			(GALV) AT PIER END CROSSFRAMES
8	180	Hard Flat Washers for 7/8 BOLT					(GALV) TYPE 436
9							

FIELD BOLT LIST										A325 Type 1 BOLTS (GALV)				WASHER CODES	
LINE	NO. REQ'D.	BOLT DIAM.	BOLT LEN.	BOLTS/CONN.	# OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED		WASHER CODE	PIECES CONNECTED AND REMARKS					
<b>PIER END CROSSFRAMES</b>															
9	96	7/8	2 3/4	12	8	36	14	22			1	TOP GUSSET PLATE TO BRG STIFFENER			
10	80	7/8	2 3/4	10	8	36	14	22			1	BTM GUSSET PLATE TO BRG STIFFENER			

WASHER CODES  
1: 1 Hard Flat Washer

OUT FOR APPROVAL	7-5-05																		
OUT FOR APPROVAL																			
ISSUED TO SHOP																			
FIELD & OFFICE																			

REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER
MATERIAL:											
ELECTRODES:											
HOLES:											
SHOP BOLTS:											
SURFACE PREP. & PAINT:											
DESCRIPTION: FRAMING PLAN											
DRAWN BY: JTJB											
DATE: 05/30											
JOB: VT ROUTE 12 BRIDGE OVER WHITE RIVER											
BRIDGE NO: 31 (SPAN #2)											
TOWN OF BETHEL, VERMONT											
COUNTY OF WINDSOR											
CONTRACTOR: KUBRICKY CONST CORP.											
SUPERVISOR: W. J. GATTI											
PROJ NO.: BRF0241(33) C/2											
CUSTOMER: VERMONT ROT											
RECEIVED											
JUL 14 2005											
APPROVED: [Signature]											
DATE: 7/28/05											
CASCO BAY STEEL STRUCTURES, INC.											
75 SPRING HILL ROAD SACO, MAINE 04072											
PHONE (207) 282-7360 FAX (207) 282-1179											
JOB NO.: 270											
DRG. NO.: E1											
REV. 13335											

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