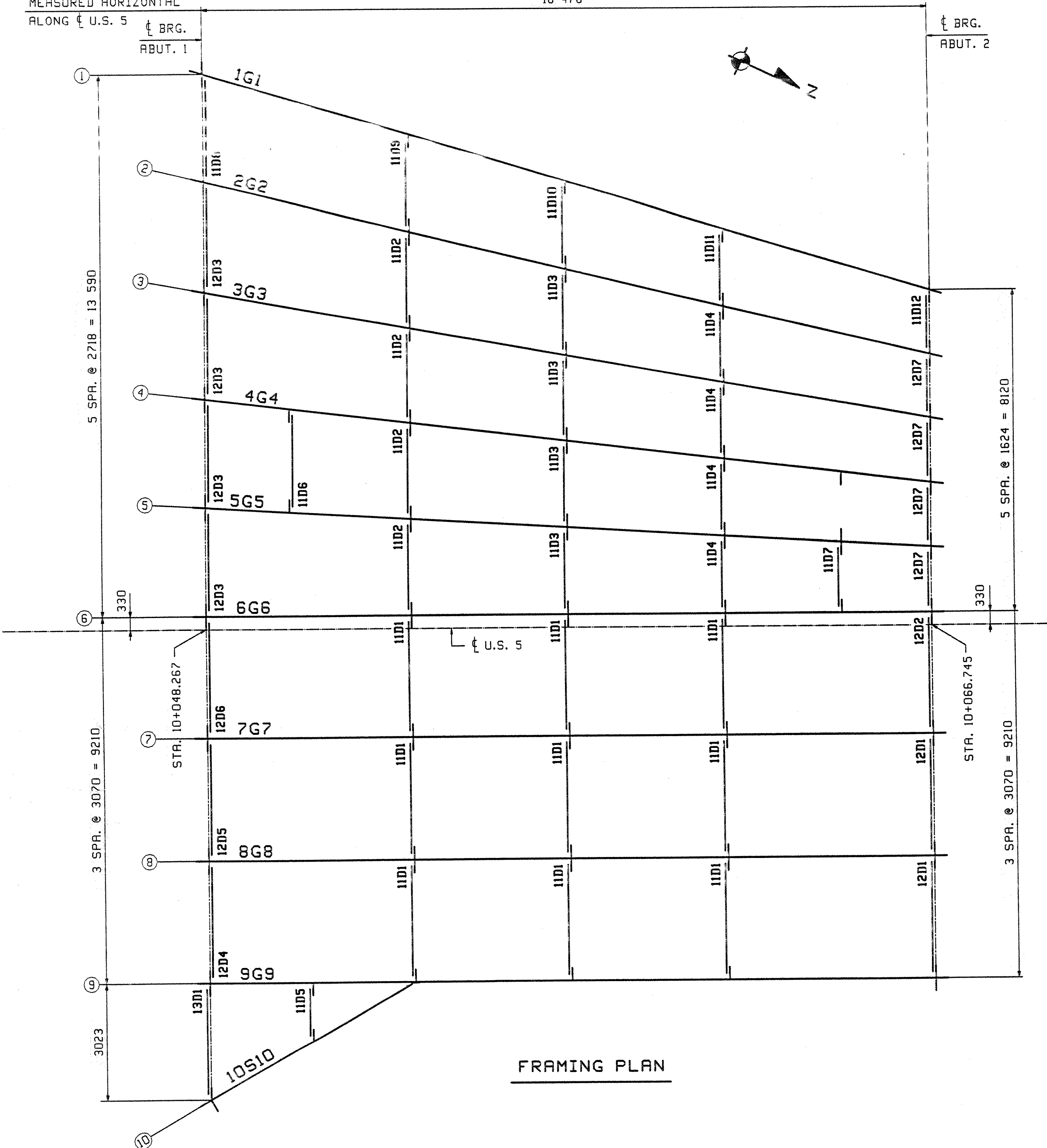


MEASURED HORIZONTAL
ALONG U.S. 5

18 478



FRAMING PLAN

FIELD BOLT LIST				A325 Type 3 BOLTS				REMARKS	
LINE	NO. REQ'D.	BOLT DIAM.	BOLT LEN.	BOLTS # OF CONN.	GRIP	THICKNESS OF PCS. CONNECTED	WASH CODE	PIECES CONNECTED	REMARKS
1									KICKER BEAM TO GIRDER 9G9
2	14	7/8	2 1/2	14	1 24	10 14		1	BEAM WEB TO BENT CONNECTION PLATE
3									ABUTMENT DIAPHRAGMS
5	392	7/8	2 1/2	14	29 29	10 18		1	DIAPHRAGM WEB TO BEARING STIFFENER
7									ABUTMENT DIAPHRAGM 13D1
9	10	7/8	2 1/2	5	2 24	6 18		1	DIAPHRAGM WEB TO BEARING STIFFENER
11	60	7/8	2 1/2	6	10 27	9 18		1	TELEPHONE DIAPHRAGMS
14	294	7/8	2 1/2	7	42 24	10 14		1	INTERMEDIATE DIAPHRAGMS
17	12	7/8	2 1/2	3	4 23	9 14		1	DIAPHRAGM WEB TO CONNECTION PLATE
19									DIAPHRAGM 11D5
20	10	7/8	2 1/2	5	2 20	6 14		1	DIAPHRAGM WEB TO CONNECTION PLATE

1: 1 Hard Flat Washer

FIELD BOLT SUMMARY		5% ADDED, MIN. 2 EXTRA			REMARKS
LINE	NO. OF BOLTS	BOLT DIAM.	TYPE	BOLT LEN.	ACTUAL COUNT
1	357	7/8	A325 Type 3	2 1/2	340
2	475	7/8	A325 Type 3	2 1/2	452
4	832	Hard Flat Washers for 7/8" BOLT			

- All bolt diameters and lengths are shown in inches (english unit of measurement).
- All grip values are shown in metric units.

OUT FOR APPROVAL	4/14/03										
ISSUED TO SHOP											
FIELD & OFFICE											
REV. REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER	
MATERIAL:	ELECTRODES:	HOLES:		SHOP BOLTS:							
M270M-345W		24mm (15/16")φ									
SURFACE PREP. & PAINT:											
-ALL STEEL SHALL BE BLAST CLEANED AND LEFT UNPAINTED.											
DESCRIPTION:	FRAMING PLAN				DRAWN BY	DATE					
JOB:	US 5 OVER WHETSTONE BROOK				JTB	03/21					
	BRIDGE NO. 7				CHKD BY						
	BRATTLEBORO, VERMONT (WINDHAM COUNTY)				EPE	04/07					
	CONTRACTOR: RENAUD BROTHERS				APPROV BY						
					SUPERVISOR	W. J. GATTI					
PROJ NO.	BHF 2000(17)				Q.A.						
CUSTOMER:	VERMONT AGENCY OF TRANSPORTATION						083				
CASCO BAY STEEL STRUCTURES, INC.				JOB NO.	DRG. NO.						
75 SPRING HILL ROAD				SACO, MAINE 04072	194	E1					
PHONE (207) 282-7360				FAX. (207) 282-1179	REV.	△					

V.A.O.T.
RECEIVED
CHKD BY: JMR
4/15/03
APR 15 2003
RESUBMIT APPROVED X
BY DATE