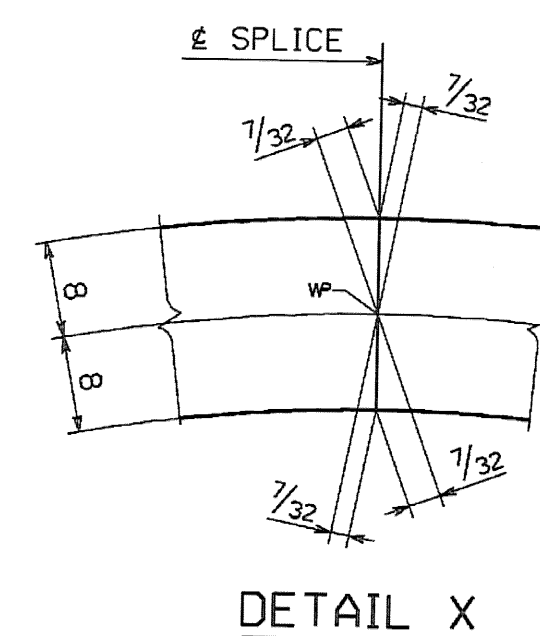
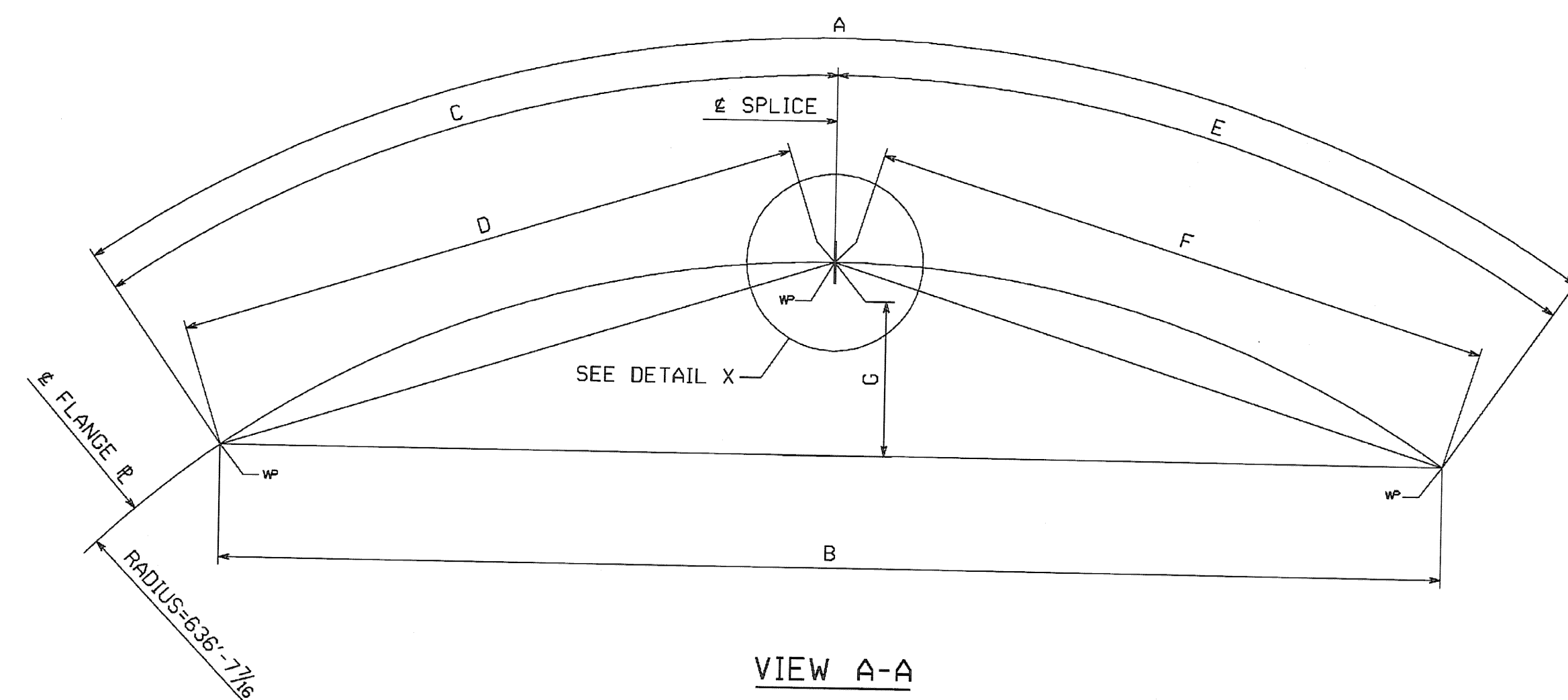
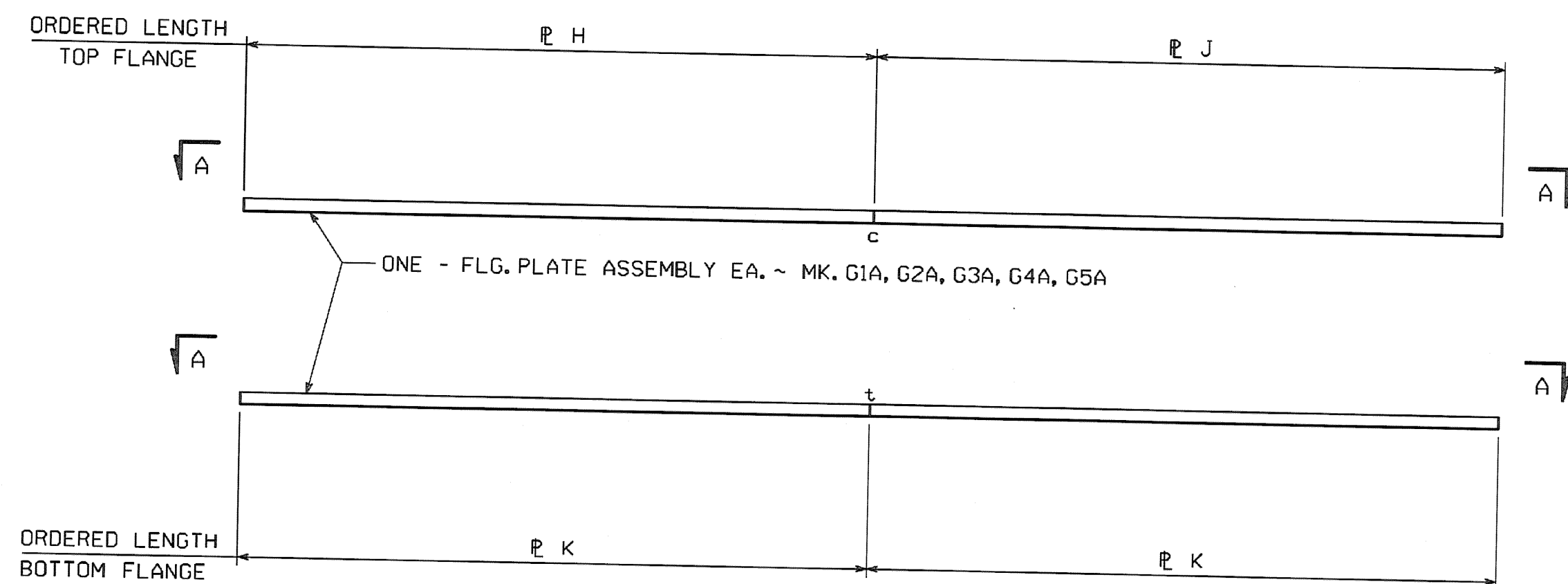
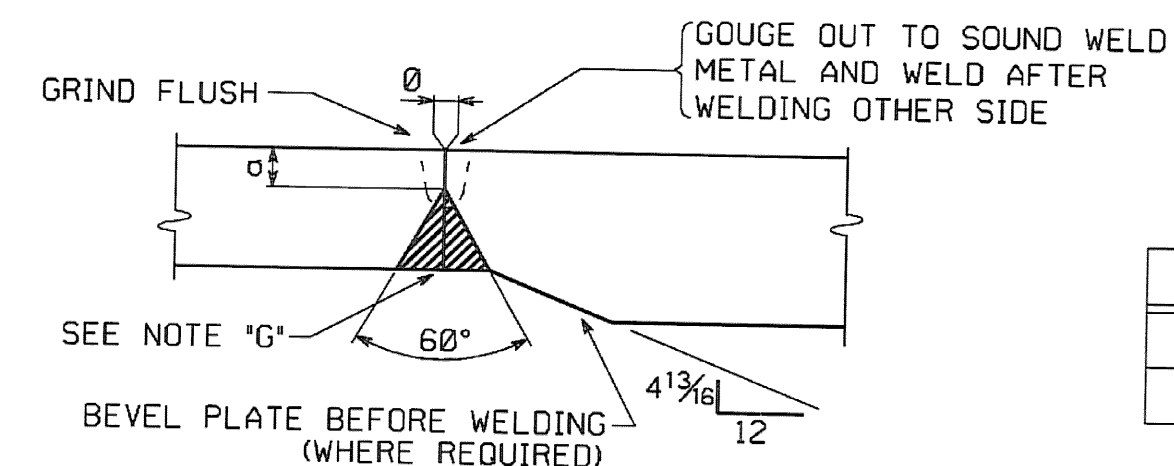




MARK	FLANGE	A	B	C	D	E	F	G	H	J	K
G1A	TOP	73'-11 1/16	73'-11 1/16	37'-0 5/16	37'-0 1/4	36'-11 1/8	36'-11 1/8	1'-0 7/8	1 x 16 x 37'-2 (4/7)	1 x 16 x 37'-2 (4/7)	--
G2A	TOP	73'-8 1/16	73'-8 3/16	36'-10 1/16	36'-10 3/4	36'-9 7/8	36'-9 1/8	1'-0 1/8	1 x 16 x 37'-2 (4/7)	1 x 16 x 37'-0 (4/8)	--
G3A	TOP	73'-3 1/16	73'-3 3/16	36'-8 5/16	36'-8 1/4	36'-7 7/8	36'-7 1/8	1'-0 1/16	1 x 16 x 36'-10 (4/9)	1 x 16 x 36'-9 (4/10)	--
G4A	TOP	72'-4 1/16	72'-4 1/4	36'-2 1/16	36'-2 3/4	36'-1 7/8	36'-1 1/8	1'-0 1/8	1 x 16 x 36'-5 (4/11)	1 x 16 x 36'-4 (4/12)	--
G5A	TOP	71'-7 7/8	71'-7 3/8	35'-10 1/4	35'-10 3/8	35'-9 3/8	35'-9 1/8	1'-0 1/16	1 x 16 x 36'-0 (4/13)	1 x 16 x 36'-0 (4/13)	--
G1A	BOTTOM	73'-10 5/8	73'-10 1/8	36'-11 1/4	36'-11 1/8	36'-11 1/8	36'-11 1/8	1'-0 7/8	--	--	1 1/2 x 16 x 37'-1 (4/6)
G2A	BOTTOM	73'-7 1/16	73'-7 3/16	36'-9 1/16	36'-9 3/4	36'-9 7/8	36'-9 1/8	1'-0 3/8	--	--	1 1/2 x 16 x 37'-1 (4/6)
G3A	BOTTOM	73'-2 1/16	73'-2 3/16	36'-7 5/16	36'-7 1/4	36'-7 7/8	36'-7 1/8	1'-0 5/8	--	--	1 x 16 x 36'-9 (4/10)
G4A	BOTTOM	72'-3 1/16	72'-3 3/4	36'-1 1/16	36'-1 1/4	36'-1 7/8	36'-1 1/8	1'-0 5/16	--	--	1 x 16 x 36'-4 (4/12)
G5A	BOTTOM	71'-6 1/16	71'-6 1/4	35'-9 5/16	35'-9 1/4	35'-9 3/8	35'-9 1/8	1'-0 1/16	--	--	1 x 16 x 36'-0 (4/13)



TYPICAL FLANGE PLATE SPLICE
FOR FLANGE PLATES 2" THICK AND UNDER (B-L2c-S)

NOTE "G"

ALL SPLICES MAY HAVE A MAXIMUM REINFORCEMENT OF 1/8". GRIND SMOOTH AT SPLICES THAT ARE TO BE TESTED AND ALL BOTTOM FLANGE SPLICES.

NOTES:

FOR GENERAL SHOP NOTES, SEE DRAWING GNL.
ALL FLANGE PLATES REQUIRE CHARPY V-NOTCH TEST.
DIMENSIONS SHOWN THUS: [36'-11 1/2] ARE THE ACTUAL DIMENSIONS THAT WILL APPEAR ON THE GIRDER DETAIL DRAWINGS.
THE LETTERS 't' & 'c' AT FLANGE SPLICES INDICATE TENSION AND COMPRESSION SPLICES, RESPECTIVELY.
ALL SPLICES MARKED 'c' TO BE RADIOGRAPHICALLY TESTED 25%.
ALL SPLICES MARKED 't' TO BE RADIOGRAPHICALLY TESTED 100%.

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.
	VT	

FLG. THK.	o
1	1/4
1 1/2	3/8

RECEIVED
OK'D BY RL OK'D BY RL
JAN 30 2007
RESUBMIT RL APPROVED RL
BY WJS DATE 1-31-2007

1	CHANGE ULTRASONICALLY TESTED NOTE	MF	1-19-07
NO.	REVISION	BY	DATE

1770 Hempstead Road
Lancaster, PA 17605-0008
Phone 717/299-5211
HIGH STEEL STRUCTURES, INC.
A Division of High Industries, Inc.

FLANGE SPLICE DETAILS
VT. 12 (MAIN ST.) OVER THIRD BRANCH OF THE WHITE RIVER
VT. 12 STA. 15+36.00 TO STA. 17+36.00
TOWN OF RANDOLPH, ORANGE COUNTY, VT. BRIDGE NO. 42
STATE OF VERMONT
AGENCY OF TRANSPORTATION
STATE CONTRACT OR REF. NO. PROJECT NO. RANDOLPH BR 0241 (29)
CONTRACTOR WINTERSET, INC.
IN CHARGE: BRITIGAN (IH) MADE BY: ERS CHK'D. BY: CS DATE: 11-8-06
CONTRACT NUMBER: VT-06215-1 DRAWING NUMBER: FS1 OF FS2

CODE:30