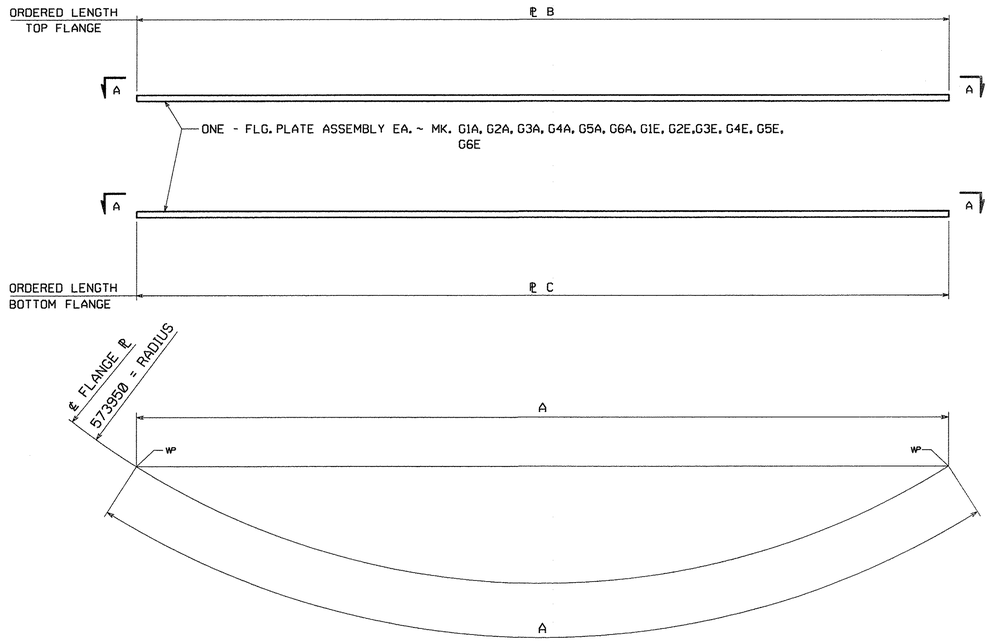
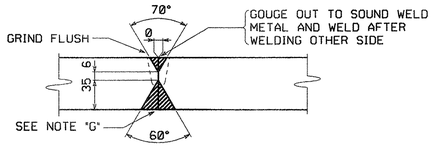
METRIC



VIEW A-A

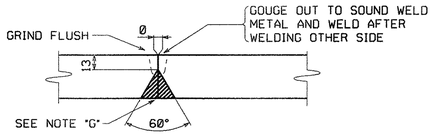
MARK	FLANGE	A	B	C
G1A	TOP	12 879	28 x 610 x 12 940 (04007)	--
G2A	TOP	12 940	28 x 610 x 13 000 (04007)	--
G3A	TOP	12 999	28 x 610 x 13 060 (04007)	--
G4A	TOP	13 059	28 x 610 x 13 100 (04007)	--
G5A	TOP	13 121	28 x 610 x 13 160 (04007)	--
G6A	TOP	13 183	28 x 610 x 13 220 (04007)	--
G1A	BOTTOM	12 779	--	40 x 610 x 12 880 (04005)
G2A	BOTTOM	12 839	--	40 x 610 x 12 880 (04005)
G3A	BOTTOM	12 900	--	40 x 610 x 12 940 (04005)
G4A	BOTTOM	12 963	--	40 x 610 x 13 000 (04005)
G5A	BOTTOM	13 024	--	40 x 610 x 13 060 (04005)
G6A	BOTTOM	13 084	--	40 x 610 x 13 120 (04005)
G1E	TOP	17 710	28 x 610 x 12 800 (04007)	--
G2E	TOP	12 773	28 x 610 x 12 800 (04007)	--
G3E	TOP	12 834	28 x 610 x 12 940 (04007)	--
G4E	TOP	12 896	28 x 610 x 12 940 (04007)	--
G5E	TOP	12 956	28 x 610 x 13 000 (04007)	--
G6E	TOP	13 018	28 x 610 x 13 060 (04007)	--
G1E	BOTTOM	12 774	--	40 x 610 x 12 880 (04005)
G2E	BOTTOM	12 835	--	40 x 610 x 12 880 (04005)
G3E	BOTTOM	12 896	--	40 x 610 x 12 940 (04005)
G4E	BOTTOM	12 957	--	40 x 610 x 13 000 (04005)
G5E	BOTTOM	13 018	--	40 x 610 x 13 060 (04005)
G6E	BOTTOM	13 079	--	40 x 610 x 13 120 (04005)

12710



TYPICAL FLANGE PLATE SPLICE

FOR FLANGE PLATES THICKER THAN 50 mm (B-U3c-S)



TYPICAL FLANGE PLATE SPLICE

FOR FLANGE PLATES 50 mm THICK AND UNDER (B-L2c-S)

NOTE "G"

ALL SPLICES MAY HAVE A MAXIMUM REINFORCEMENT OF 3 mm. GRIND SMOOTH AT SPLICES THAT ARE TO BE TESTED AND ALL BOTTOM FLANGE SPLICES.

TVGA CONSULTANTS

☐ NO EXCEPTIONS TAKEN ☐ REJECTED
☒ FURNISH AS CORRECTED
☐ REVISE AND RESUBMIT

ENGINEER has reviewed Shop Drawings and Samples and other data which Contractor is required to submit, only for conformance with the information given in the Contract Documents and compatibility with the design concept of the completed Project as a functioning whole as indicated in the Contract Documents. Such reviews do not extend to means, methods, techniques, sequences or procedures of construction or to safety precautions and programs incident thereto. Contractor is responsible for dimensions to be confirmed and correlated at the job site; for information that pertains solely to the fabrication processes or to techniques of construction; and for coordination of the work of all trades.

BY: Alcd
DATE: 1/8/08

NOTES:

FOR GENERAL SHOP NOTES, SEE DRAWING GN1.
ALL FLANGE PLATES REQUIRE CHARPY V-NOTCH TEST.
DIMENSIONS SHOWN THUS: [14 210] 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 "t" TO BE RADIOGRAPHICALLY TESTED 100%.
ALL SPLICES MARKED "c" TO BE RADIOGRAPHICALLY TESTED 25%.

NO.	REVISION	BY	CHK'D	DATE
△				
△				
△				

HOLES
BOLTS
COATING
CODE(S) 30
SCALE N.T.S.

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FLANGE SPLICE DETAILS
VT ROUTE 279 OVER FURNACE BROOK
VT ROUTE 279 STA. 8+542.000 TO STA. 8+685.000
TOWN OF BENNINGTON VERMONT, BRIDGE B12
STATE OF VERMONT
AGENCY OF TRANSPORTATION

AC NH F019-1(53) | FED. AID PROJ. NO.
GENERAL CONTRACTOR: J.A. McDONALD, INC. | HSSI PROJ. MGR: DEB KUPRES

SHPMT	3	DRAWING MANAGER	BRITIGAN (IH)	MADE BY	MAF	CHK'D. BY	CS	DATE	11-15-07
STATE	VT	HSSI PROJECT NUMBER	S-1070147	HSSI STRUCT. ID	A	DRAWING NUMBER	FS1 OF FS2		

1070147A X1 12/3/07 12/3/07Approval TO:J.A. McDonald, Inc.

PLOTTED: 11/28/2007 12:43:13 PM BY: MKreidel SHIPMENT 01 PM&ENG: 5082812 PRO: 5082818 SHIP&ERECT.: 5082813