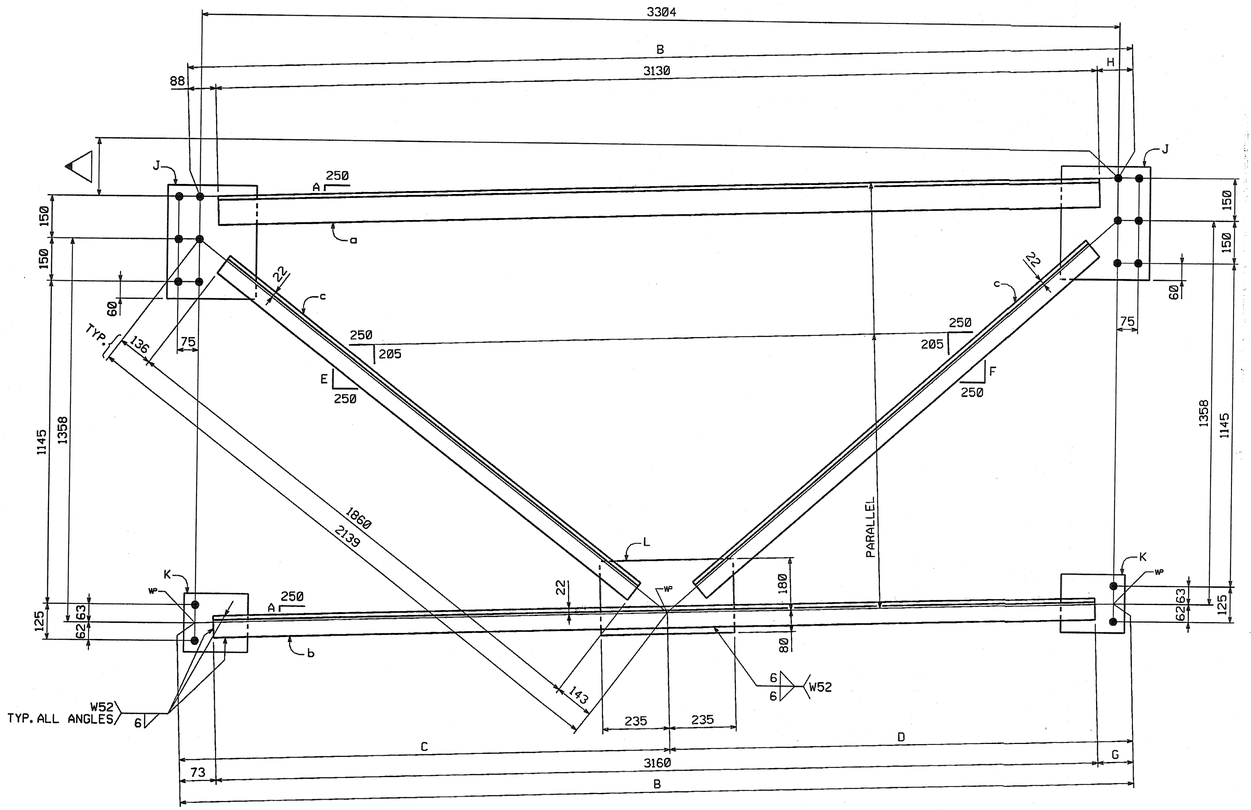
METRIC

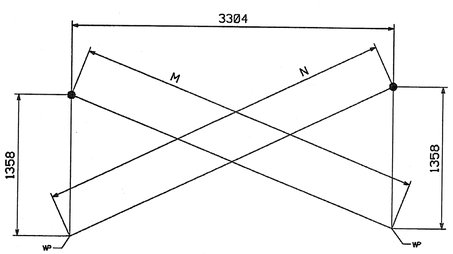
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
2. ALL WEIGHTS ARE IN KILOGRAMS.

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



INTERMEDIATE CROSSFRAMES

MARK	◁	A	B	C	D	E	F	G	H	J	K	L	REMARKS
CF8	110	8	3306	1698	1608	192	220	73	88	mlh	mlk	mlm	PAINT
CF9	110	8	3306	1698	1608	192	220	73	88	mln	mlp	mls	NO PAINT
CF10	0	0	3304	1652	1652	205	205	71	86	mlh	mlk	mlm	PAINT
CF11	0	0	3304	1652	1652	205	205	71	86	mln	mlp	mls	NO PAINT



CHECK DIMENSIONS

MARK	M	N
CF8	3532	3615
CF9	3532	3615
CF10	3572	3572
CF11	3572	3572

BILL OF MATERIAL

SHIPMENT 1	SHIPMENT 2	SHIPMENT 3	NO.	MARK	DESCRIPTION	LENGTH	REMARKS	GRP.	ITEM	SHIP. WT. KG. EA.
--	--	2	2	CF8	CROSSFRAMES					152.65
			2	a	L102 x 102 x 7.9	3 130	(L4 x 4 x 5/16)	11	5	38.00
			2	b	L76 x 76 x 7.9	3 160	(L3 x 3 x 5/16)	11	7	28.41
			4	c	L76 x 76 x 7.9	1 860	(L3 x 3 x 5/16)	11	7	16.72
			4	m1h	PL 14 x 330	400		11	9	14.51
			4	m1k	PL 14 x 205	230		11	9	5.18
			2	m1m	PL 14 x 260	470		11	9	13.43
42	48	46	136	CF9	CROSSFRAMES					152.65
			136	a	L102 x 102 x 7.9	3 130	(L4 x 4 x 5/16)	11	5	38.00
			136	b	L76 x 76 x 7.9	3 160	(L3 x 3 x 5/16)	11	7	28.41
			272	c	L76 x 76 x 7.9	1 860	(L3 x 3 x 5/16)	11	7	16.72
			272	m1n	PL 14 x 330	400		11	9	14.51
			272	m1p	PL 14 x 205	230		11	9	5.18
			136	m1s	PL 14 x 260	470		11	9	13.43
--	--	2	2	CF10	CROSSFRAMES					152.65
			2	a	L102 x 102 x 7.9	3 130	(L4 x 4 x 5/16)	11	5	38.00
			2	b	L76 x 76 x 7.9	3 160	(L3 x 3 x 5/16)	11	7	28.41
			4	c	L76 x 76 x 7.9	1 860	(L3 x 3 x 5/16)	11	7	16.72
			4	m1h	PL 14 x 330	400		11	9	14.51
			4	m1k	PL 14 x 205	230		11	9	5.18
			2	m1m	PL 14 x 260	470		11	9	13.43
42	48	46	136	CF11	CROSSFRAMES					152.65
			136	a	L102 x 102 x 7.9	3 130	(L4 x 4 x 5/16)	11	5	38.00
			136	b	L76 x 76 x 7.9	3 160	(L3 x 3 x 5/16)	11	7	28.41
			272	c	L76 x 76 x 7.9	1 860	(L3 x 3 x 5/16)	11	7	16.72
			272	m1n	PL 14 x 330	400		11	9	14.51
			272	m1p	PL 14 x 205	230		11	9	5.18
			136	m1s	PL 14 x 260	470		11	9	13.43
			TOTAL WEIGHT THIS SHEET:			42 131.40	kgs			

total wt.
305.30
20760.40
305.30
20760.40
JMR 5-24-06

SHIP. 1 WT~12 822.60 kgs
SHIP. 2 WT~14 654.40 kgs
SHIP. 3 WT~14 654.40 kgs

	Number of Cross Frames
Unit #1	84
Unit #2	96
Unit #3	96
total	276

SHOP DRAWING REVIEW

☒ REVIEWED AS REQUIRED BY THE CONSTRUCTION CONTRACT DOCUMENTS AND APPROVED, BUT ONLY FOR CONFORMANCE TO THE DESIGN CONCEPT OF THE WORK, AND SUBJECT TO FURTHER LIMITATIONS AND REQUIREMENTS CONTAINED IN THE CONSTRUCTION CONTRACT DOCUMENTS.

☐ REJECTED ☐ REMOVE AND RESUBMIT ☐ FURNISH AS CORRECTED

CORRECTIONS OR COMMENTS MADE ON THE SHOP DRAWINGS DURING THIS REVIEW DO NOT RELIEVE CONTRACTOR FROM COMPLYING WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR: CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESSES AND TECHNIQUES OF CONSTRUCTION; COORDINATING HIS WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING HIS WORK IN A SAFE AND SATISFACTORY MANNER.

VHB Vanasse Hangen Brustlin, Inc. Engineers, Planners, and Scientists Six Bedford Farms, Kilton Rd. Bedford, NH 03102 603 644 0888

Job Number: 5.0011
Reviewed By: BMH
Date: 11/8/04

SHOP NOTE

HOLES: 15/16"ø
BOLTS: NONE
PAINT: SEE DWG. GN1
FOR GENERAL SHOP NOTES, SEE DWG. GN1.

NO.	REVISION	BY	DATE
△			
△			
△			

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

CROSSFRAMES CF8 THRU CF11
VT 78 OVER MISSISQUOI BAY, BRIDGE NO. 2
VT 78 STA.10+970.425 TO STA.12+059.775
TOWNS OF ALBURG AND SWANTON
COUNTIES OF GRAND ISLE AND FRANKLIN
STATE OF VERMONT, AGENCY OF TRANSPORTATION

STATE CONTRACT OR REF. NO. BRF-036-1(1)
CONTRACTOR CIANBRO CORPORATION
IN CHARGE: GLIDDEN (IH) MADE BY: EBS CHK'D. BY: JSA DATE: 8-24-04
CONTRACT NUMBER: VT-04057-1,2&3 DRAWING NUMBER: 109 OF 112

CODE:63

PLOTTED: 09/26/2004 09:21:51 AM BY: cshaffer