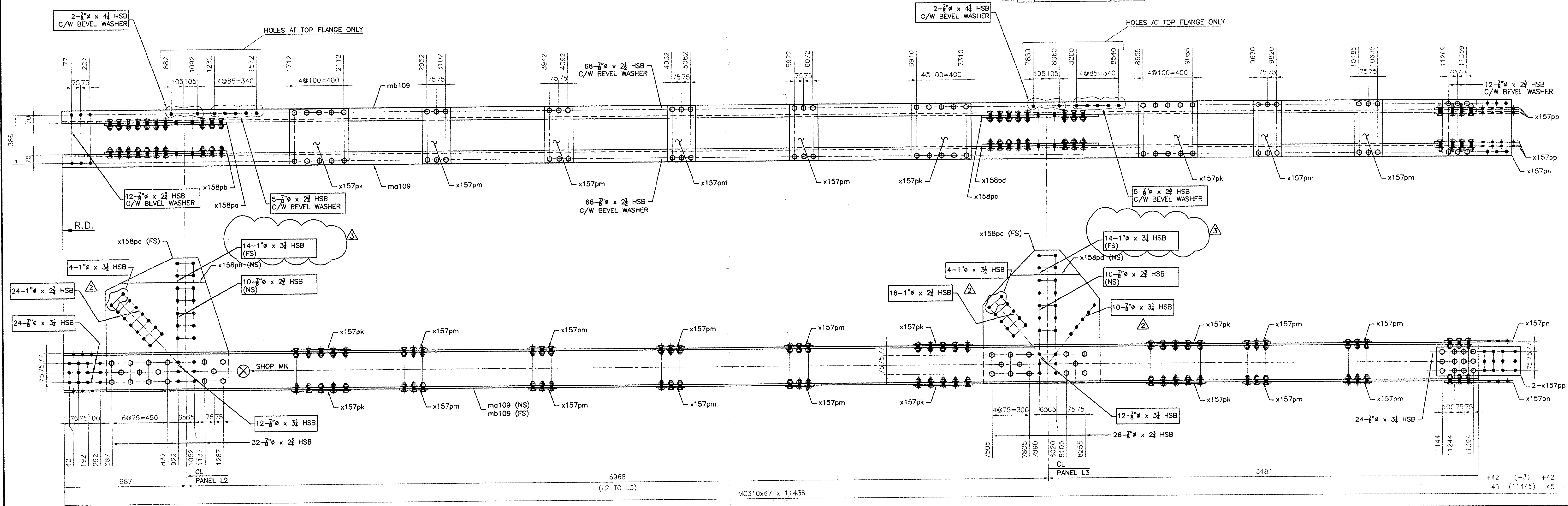


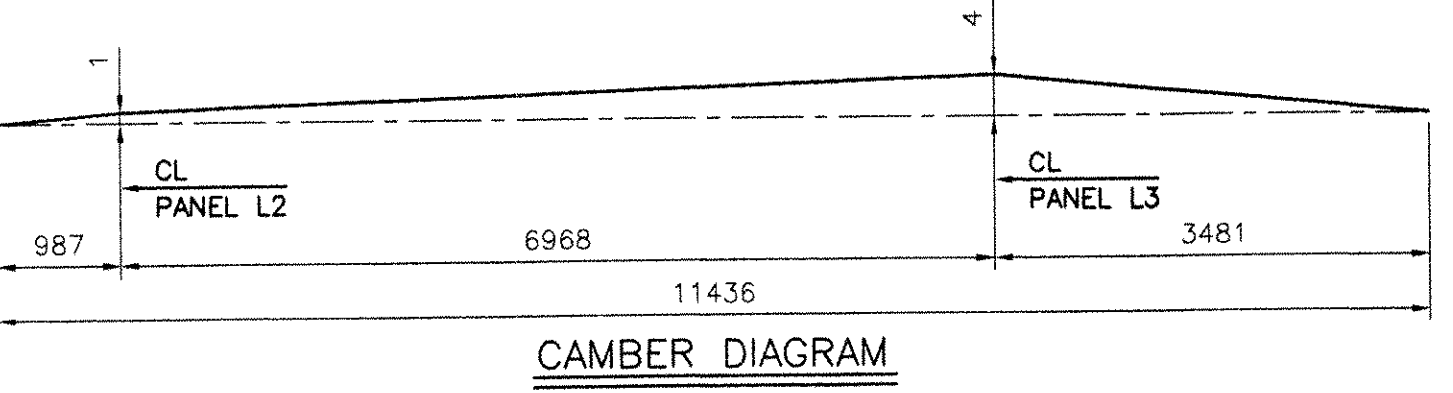
BOLTS LIST		
QTY	DESCRIPTION	LENGTH
SHOP BOLTS LIST		
264	7/8" HSB	2 1/2
140	7/8" HSB	2 3/4
48	7/8" HSB	3 1/4
288	BEVEL WASHER 7/8"	
FIELD BOLTS LIST		
84	7/8" HSB	2 3/4
116	7/8" HSB	3 1/4
8	7/8" HSB	4 1/4
80	1" HSB	2 3/4
56	1" HSB	3 1/4
16	1" HSB	3 1/2
52	BEVEL WASHER 7/8"	

BILL OF MATERIAL										
Drawing Number	Revision Number	Ship Mark	Piece Mark	Qty	Type of Material	Size of Material	Grade	Length	Finish	Notes
109		109BC		2						Total weight: 4750 kg
109		109BC	ma109	2	MC Channel	310x67	M270M-GR345	11436	CVN	10
109		109BC	mb109	2	MC Channel	310x67	M270M-GR345	11436	CVN	10
109		109BC	x157pk	12	PL Plate	10x446	M270M-GR345	480		51
109		109BC	x157pm	24	PL Plate	10x230	M270M-GR345	446		52
109		109BC	x157pn	4	PL Plate	14x446	M270M-GR345	550	CVN	57
109		109BC	x157pp	8	PL Plate	14x230	M270M-GR345	670	CVN	55
109		109BC	x158pa	2	PL Plate	18x990	M270M-GR345	1059	CVN	64
109		109BC	x158pb	2	PL Plate	18x859	M270M-GR345	990	CVN	64
109		109BC	x158pc	2	PL Plate	18x945	M270M-GR345	1059	CVN	65
109		109BC	x158pd	2	PL Plate	18x859	M270M-GR345	945	CVN	65



2 - BOTTOM CHORD ASSEMBLY - 109BC

- NOTES:
- 1- GENERAL NOTES: SEE GN101
 - 2- HOLES: 15/16" (24#) (UN)
 - 3- ALL HS BOLTS SHALL BE A325 TYPE 1 GALVANIZED C/W 1 NUT & 1 WASHER (UN)
 - 4- ALL STEEL SHALL BE GALVANIZED, SEE GN101
 - 5- ALL SHOP BOLTS SHALL BE HAND TIGHTEN
 - 6- ALL HOLES SHALL BE "CNC" DRILLED (UN)
 - 7- WIRE-BRUSH PREPARATION 3" OF OPEN HOLES FOR FAYING SURFACES PRIOR TO BOLTING



RECEIVED
 CK'D BY: [Signature]
 SEP 23 2005
 RESUBMIT: [Signature]
 APPROVED: [Signature]
 BY: [Signature] DATE: 9/23/05

RESERVED FOR STAMPS

REV	DATE	DESCRIPTION	QTY	DATE	ISSUED TO	FOR
△	9/06/05	AS PER REVISED DESIGN				
△	8/17/05	AS PER REVISED DESIGN				
△	6/20/05	BEVEL WASHER				

PROJECT: ROUTE 100 OVER THE WEST RIVER
 LOCATION: TOWN OF JAMAICA
 ENGINEER: CLD CONSULTING ENGINEERS
 CUSTOMER: VERMONT A. O. T.
 DRAWING TITLE: BOTTOM CHORD ASSEMBLIES
 DRAWN BY: BR 03/04/05 JOB NUMBER: 5075 SHEET NUMBER: 109
 CHECKED BY: GG 03/24/05

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