



CALCULATION PLAN

Line	LENGTHS ALONG TOP OF WEB			SLOPE	
	LEN A	LEN BL	LEN B	ABUT 1	PIER
1	105'-6 7/16	34'-5 7/8	68'-11 3/4	-.0054	-.0094
2	105'-6 1/2	34'-5 7/8	68'-11 3/4	-.0070	-.0110
3	105'-6 1/2	34'-5 7/8	68'-11 3/4	-.0086	-.0126
4	105'-6 1/2	34'-5 7/8	68'-11 3/4	-.0102	-.0142
5	105'-6 1/2	34'-5 15/16	68'-11 13/16	-.0118	-.0158

**** NOTE ****
 THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION. THIS DWG IS SUBMITTED FOR INFORMATION ONLY AND IS NOT INTENDED FOR SHOP FABRICATION.

- NOTES
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG TOP OF WEB WITH CORRECTIONS MADE FOR VERTICAL CURVE, GRADE & DL CAMBER (UN).
 2. TRANSVERSE DIMENSIONS ARE IN A HORIZ. PLANE (UN).
 3. DROP ARROW POINTS TOWARDS LOW END OF MEMBER.
 4. ENDS OF GIRDERS AND BRG. STIFFS ARE VERTICAL AFTER DL ROTATION.
 5. CF STIFF, INT STIFF & FIELD SPLICES ARE NORMAL TO GRADE.
 6. BOTT PT NUMBERS = TOP PT NUMBERS + 300.
 7. FOR LAYOUTS SEE "TD" SHEETS.
 8. COMBINE INT. CROSSFRAMES FOR DIFF IN DROPS OF +/- 1/8
 9. CROSSFRAME DROPS ARE CALCULATED IN THEIR FINAL POSITION.

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 NOV 9 5 2009
 BY: [Signature]

REV. DATE	REMARKS	DNW	CHK	APVL	SHOP
MATERIAL: M270-50W		SURFACE PREP. & PAINT:		HOLES: AS NOTED	
DESCRIPTION: CALCULATION PLAN (SPAN 1)		SHOP BOLTS: AS NOTED			
CASCO BAY STEEL STRUCTURES, INC. 75 SPRING HILL ROAD SACO, MAINE 04072 PHONE (207) 282-7360 FAX. (207) 282-1179					
STRUCTURE: US RTE 2 OVER WINOOSKI RIVER WASHINGTON COUNTY, VT			DRAWN: WL	DATE: 08/05	
			CHKD: RLA	DATE: 08/08	
LOCATION: TOWNS OF MORETOWN ~ MIDDLESEX, VT			JOB NO. 421-1	DWG NO. WS1	
PROJ NO. BRS 0284(14)			REV. 1		
CUSTOMER: WINTERSSET INC.					