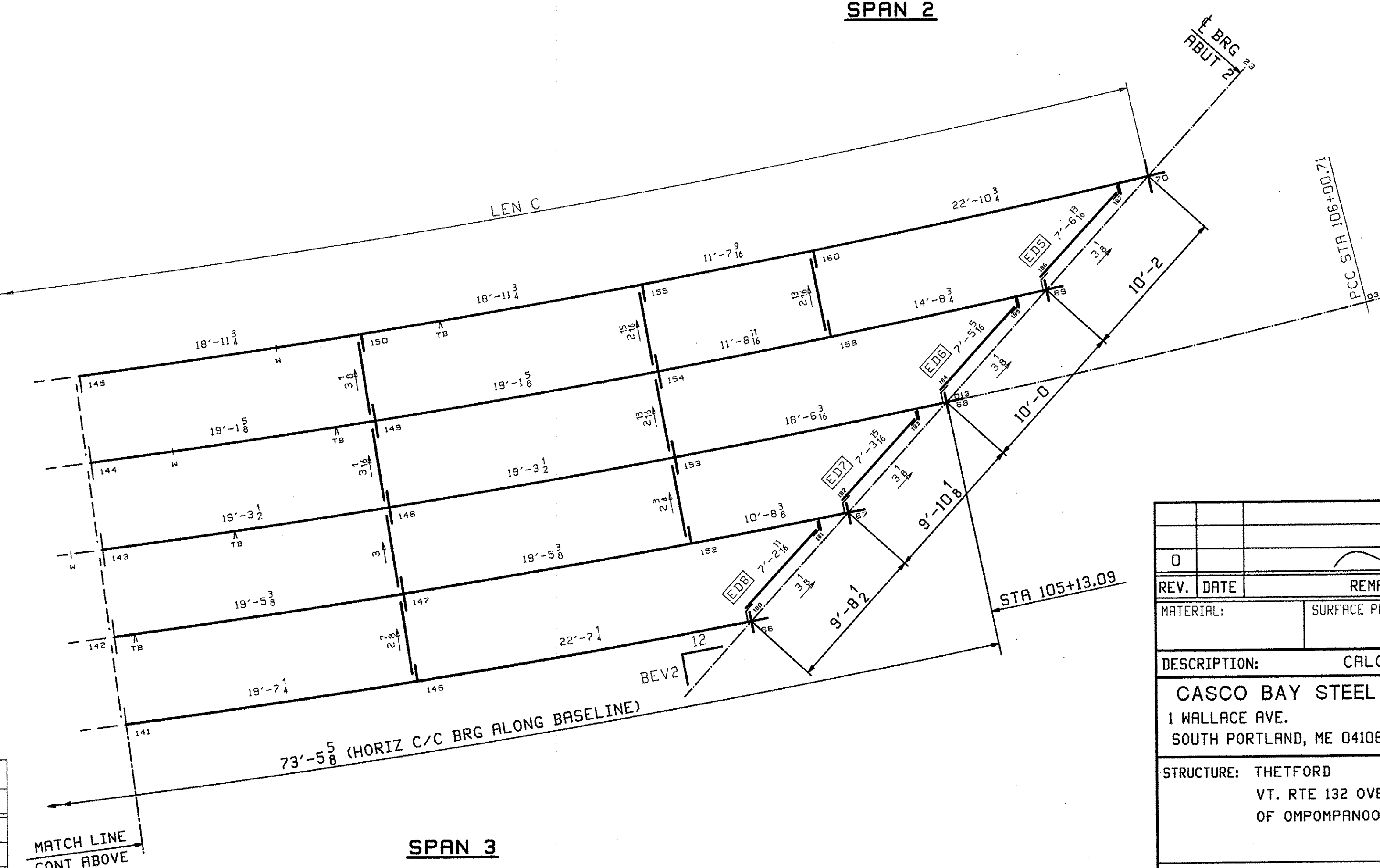


CALCULATION PLAN



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

- NOTES
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BOTM 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. DIAPH. STIFF & FIELD SPLICES ARE NORMAL TO GRADE (UN (V)).
 6. BOTM PT NUMBERS = TOP PT NUMBERS + 200.
 7. FOR LAYOUTS SEE "TD" SHEETS.
 8. DIAPHRAGM DROPS ARE CALCULATED TO MATCH FINAL GEOMETRY.
 9. INT. DIAPHRAGMS MAY BE COMBINED FOR DIFFERENCE IN DROPS OF +/- 8.

Line	DEVELOPED LENGTHS ALONG BOTTOM OF WEB					SLOPE @ ϕ BRG				BEVELS	
	LEN A	LEN BL	LEN B	LEN CL	LEN C	ABUT 1	PIER 1	PIER 2	ABUT 2	BEV1	BEV2
1	55'-6 7/16	19'-0	72'-4 7/16	23'-0	98'-5 7/8	.0066	.0002	-.0019	-.0079	8 15/16	8 5/16
2	59'-1 1/4	15'-0	70'-8 7/16	20'-0 1/16	94'-5 5/16	.0063	.0000	-.0015	-.0076	8 13/16	8 1/2
3	58'-8 1/8	15'-0	70'-0 7/8	20'-0	93'-5 9/16	.0065	.0004	-.0012	-.0076	8 3/4	8 3/4
4	58'-3 1/4	15'-0	66'-5 11/16	23'-0 1/16	95'-6 1/2	.0069	.0005	-.0010	-.0071	8 5/8	8 15/16
5	53'-10 1/2	19'-0	72'-10 13/16	20'-0 1/16	91'-8	.0072	.0008	-.0005	-.0074	8 1/2	9 1/8

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0						MAY 23 2012
MATERIAL:		SURFACE PREP. & PAINT:	HOLES:		SHOP BOLTS:	
			AS NOTED		AS NOTED	
DESCRIPTION: CALCULATION PLAN						
CASCO BAY STEEL STRUCTURES, INC.						
1 WALLACE AVE.			PHONE (207) 780-6722		TENSOR 3124	
SOUTH PORTLAND, ME 04106			FAX. (207) 780-6726			
STRUCTURE: THETFORD			DRAWN: WL		DATE: 04/23	
VT. RTE 132 OVER THE WEST BRANCH OF OMPOMPANOOSUC RIVER			CHKD: RLA		DATE: 04/23	
LOCATION: THETFORD, VT			JOB NO. 518		DWG NO. WS1	
PROJ NO. BHF 0177(9)					REV. Δ	
CUSTOMER: A.L. ST. ONGE CONTRACTING						