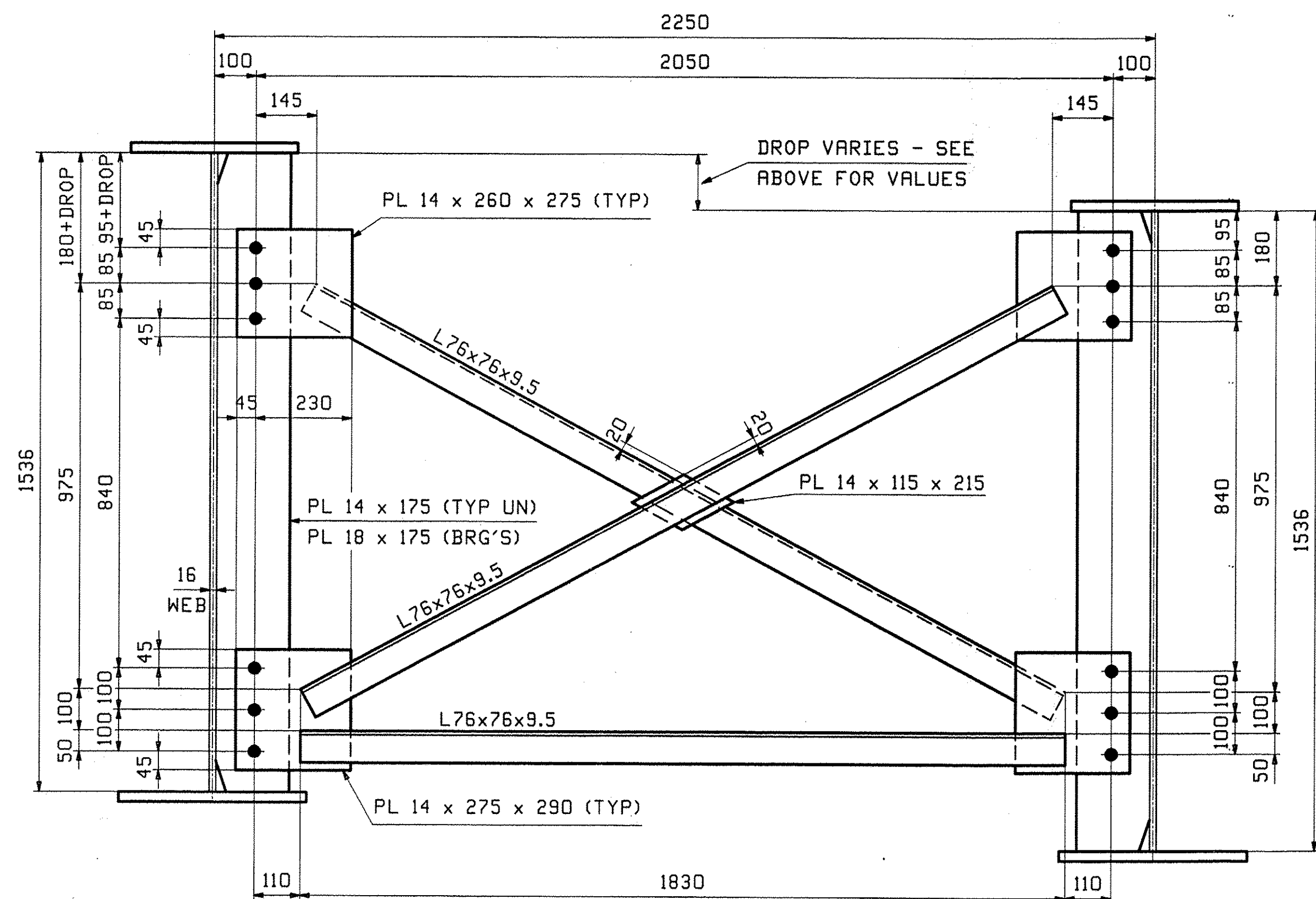


CALCULATION PLAN

- CALCULATION PLAN NOTES:**
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BOTTOM OF WEBS WITH CORRECTIONS MADE FOR DL CAMBER & GRADE (UN).
 2. TRANSVERSE DIMENSIONS ARE IN A HORIZONTAL PLANE (UN).
 3. ARROW POINTS TOWARD LOW END OF MEMBER.
 4. ENDS OF GIRDERS ARE VERTICAL AFTER DL ROTATION.
 5. DIAPHRAGM STIFFENERS ARE NORMAL TO GRADE.
 6. BOTTOM POINT NUMBERS = TOP POINT NUMBERS + 100
 7. COMBINE INT. DIAPHRAGMS FOR DIFF IN DROPS OF +/- 2mm.

Line	LEN A	SLOPE	
		ABUT 1	ABUT 2
1	44 977	-.0141	-.0218
2	44 976	-.0124	-.0201
3	44 974	-.0106	-.0184
4	44 974	-.0089	-.0167
5	44 973	-.0072	-.0150



CROSSFRAMES
(LOOKING BACK-STATION UN)
(LOOKING UP-STATION - ABUT 2)

**** NOTE ****
THE PURPOSE OF THIS DRAWING IS TO COORDINATE GEOMETRIC CONTROL INFORMATION AND CONNECTION SPACING. THIS DWG IS SUBMITTED FOR INFORMATION ONLY & IS NOT INTENDED FOR SHOP FABRICATION. DETAIL DWGS WILL SHOW ALL WELDING AND DIMENSIONS REQ'D FOR FABRICATION.

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
0						6/18/10
MATERIAL:		SURFACE PREP. & PAINT:		HOLES:		SHOP BOLTS:
DESCRIPTION: CALCULATION PLAN & CROSSFRAME LAYOUTS						
CASCO BAY STEEL STRUCTURES, INC. 75 SPRING HILL ROAD SACO, MAINE 04072 PHONE (207) 282-7360 FAX. (207) 282-1179						
STRUCTURE:		VT Route 125 over Lemon Fair River		DRN:	DATE:	
Bridge No. 9		Cornwall		JTB	05/31	
County of Addison				CHKD:	DATE:	
				PCP	06/16	
LOCATION:		CORNWALL, VERMONT		JOB NO.	DWG NO.	
PROJ NO.		BRS 0172(6)		457	WS1	
CUSTOMER:		VT AOT			REV.	

- NOTES:**
1. MATERIAL SHALL BE ASTM M270 GRADE 345W (UN).
 2. ALL BOLT HOLES SHALL BE $\frac{1}{16}$ " FOR $\frac{7}{8}$ " HSB (UN).

RECEIVED
JUN 23 2010
APPROVED
DATE 7/20/10