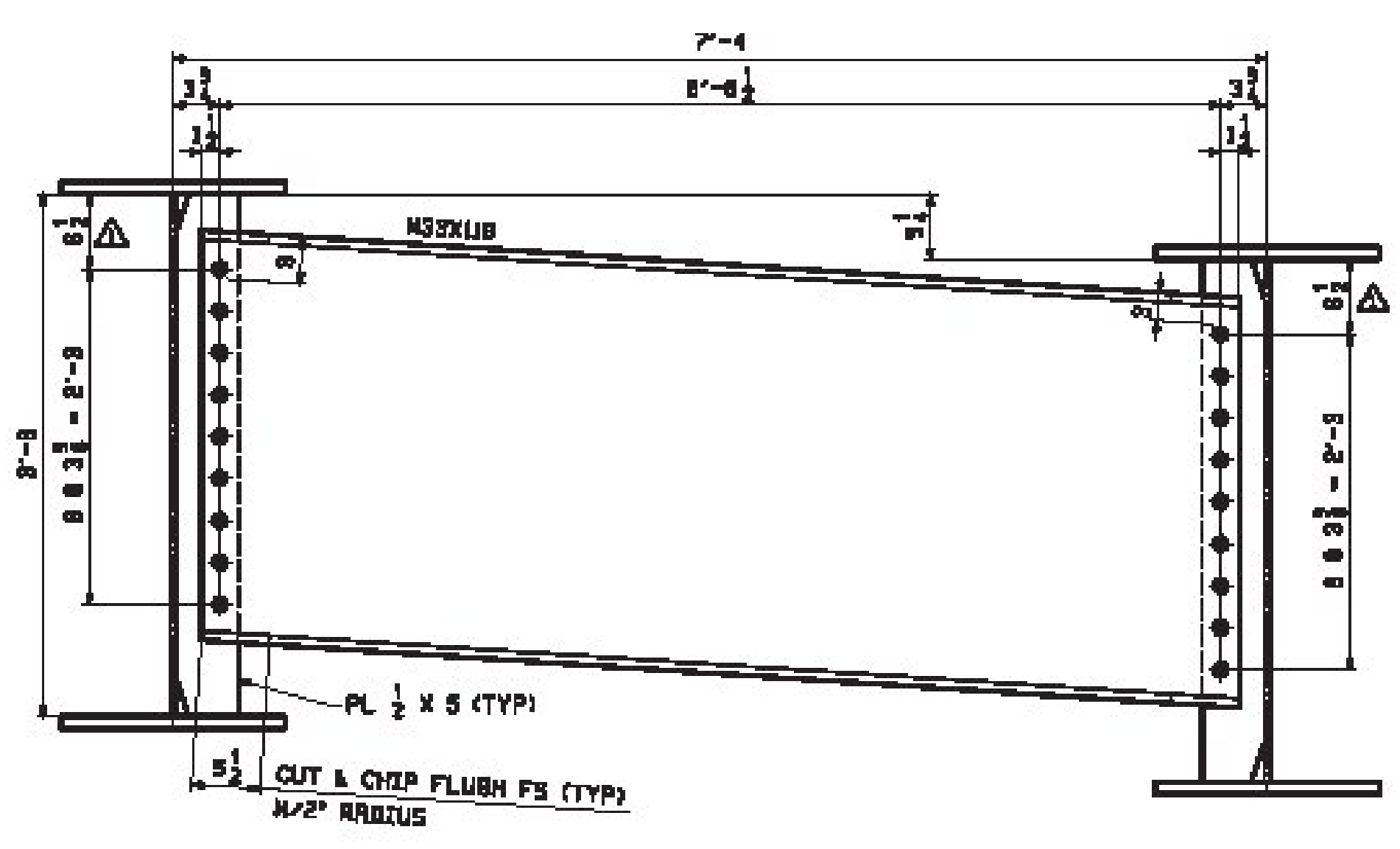


**CALCULATION PLAN**

APPROVER CONFIRMED  
 DRIP BARR OMITTED FROM ABUTMENT 2 END OF  
 STRUCTURE (POSITIVE GRADE).



**TYPICAL INT. DIAPHRAGM**  
 (LOOKING BACK-STATION)

\*\* 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.

- CALCULATION PLAN NOTES:
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BTM OF GIRDERS WITH CORRECTIONS MADE FOR DL CRABER, V.C. & GRADE (UM).
  2. TRANSVERSE DIMENSIONS ARE IN A HORIZONTAL PLANE (UM).
  3. ARROW POINTS TOWARD LOW END OF MEMBER.
  4. ENDS OF GIRDERS & BRG STIFFENERS ARE VERTICAL AFTER DL ROTATION.
  5. CROSSFRAME STIFFENERS ARE NORMAL TO GRADE.
  6. BOTTOM POINT NUMBERS = TOP POINT NUMBERS + 1000
  7. CROSSFRAME DROPS ARE CALCULATED IN THE FINAL CONDITION.
  8. COMBINE DROPS +/- 1/16.

Vermont Agency of Transportation  
**RECEIVED**  
 CK'D BY: \_\_\_\_\_ OK'D BY: Rob Young  
 February 16, 2017  
 RESUBMIT: \_\_\_\_\_ Approved As Noted  
 BY: Rob Young DATE: 03/05/2017

APPROVAL COMMENTS	JTB	DBM		
REV. DATE	REMARKS	OWN	CHK	APVL
MATERIAL:		SURFACE PREP. & PRDIT:		SHOP BOLTS:
DESCRIPTION: CALCULATION PLAN & DIAPHRAGM LAYOUT				
<b>CASCO BAY STEEL STRUCTURES, INC.</b> 1 MILLAGE LANE, SOUTH PORTLAND, ME 04106 PHONE: (603) 760-5782 FAX: (603) 760-5788		DATE:		
STRUCTURE:	TH-1, FAS RT. 0211 / HUNTINGTON RIVER RURAL MAJOR COLLECTOR BRIDGE #	DATE:		
LOCATION:	TOWN OF HUNTINGTON, VERMONT	DATE:		
PROJECT NO.:	STATE PROJ. 8F-0211(32)	DATE:		
CUSTOMER:	VERMONT AGENCY OF TRANSPORTATION	DATE:		
		JTB	DBM	NSI
		01/11	01/18	NSI
		JTB NO.	DBM NO.	NSI
		695-1		REV. A