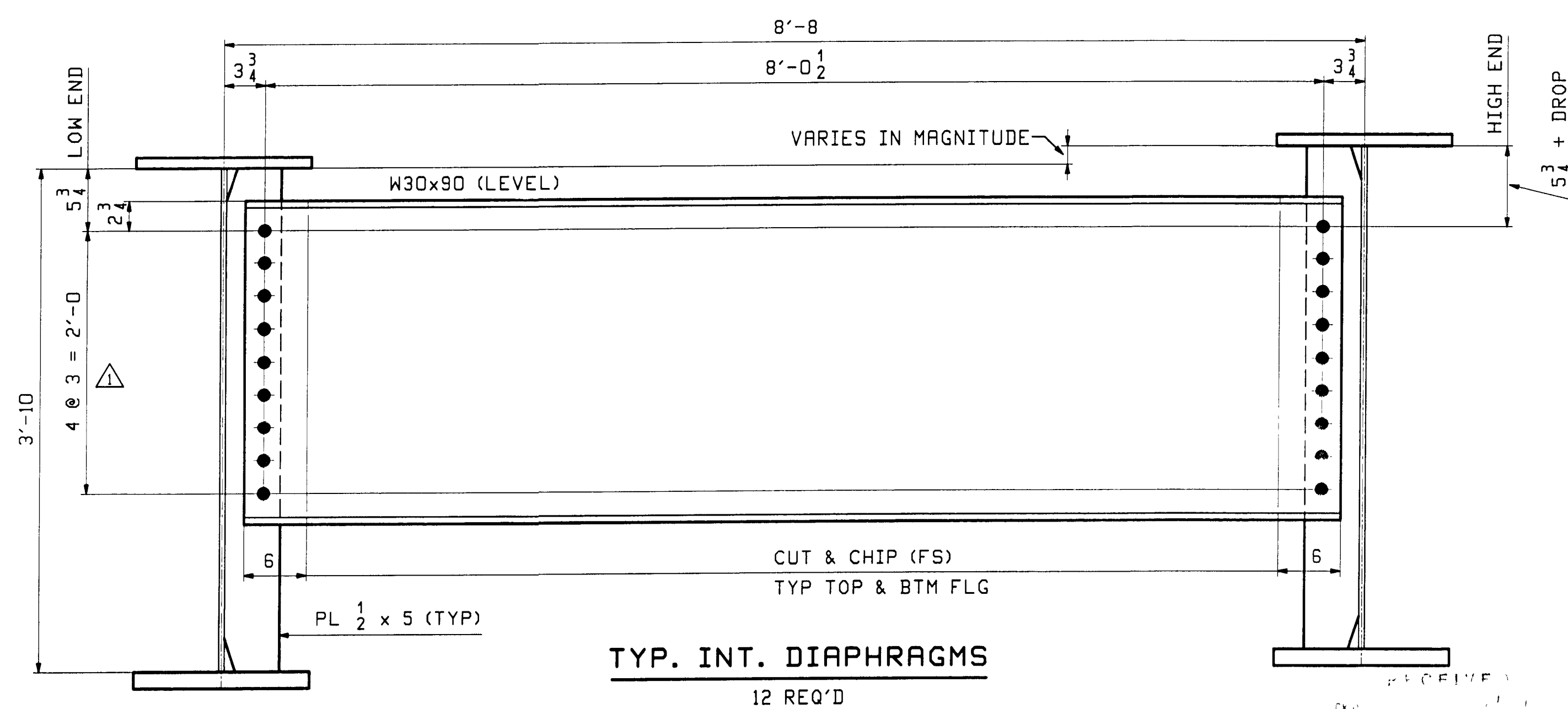


CALCULATION PLAN

Line	LEN A	ABUT 1	ABUT 2
1	104'-11 9/16	- 0011	- 0111
2	104'-11 5/8	- 0044	- 0143
3	104'-11 1/16	- 0075	- 0174
4	104'-11 1/16	- 0107	- 0206

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 AND BRG STIFFENERS ARE VERTICAL AFTER DL ROTATION.
5. DIAPHRAGM STIFFENERS ARE NORMAL TO GRADE.
6. BOTTOM POINT NUMBERS = TOP POINT NUMBERS + 100



TYP. INT. DIAPHRAGMS

12 REQ'D

NOTES:

1. MATERIAL SHALL BE ASTM A709 GRADE 50W.
2. ALL BOLT HOLES SHALL BE 15/16" Ø FOR 7/8" Ø HSB (UN).

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
6/16		Revise Bolts per design change	WL	WMJ	5/20/08	
0					6/20/08	
MATERIAL		SURFACE PREP & PAINT	HOLES		SHOP BOLTS	
DESCRIPTION: CALCULATION PLAN						
CASCO BAY STEEL STRUCTURES, INC. 75 SPRING HILL ROAD SACO, MAINE 04072 PHONE (207) 282-7360 FAX. (207) 282-1179						
STRUCTURE: ROUTE No. VT 11 MINOR ARTERIAL BRIDGE NO. 43 OVER MIDDLE BRANCH OF WILLIAMS RIVER TOWN OF CHESTER COUNTY OF WINDSOR				DRAWN: JTB	DATE: 05/01	
LOCATION: CHESTER, VT				CHKD: JF	DATE: 05/21	
PROJ NO. BRF 016-1(25)				JOB NO. 369	DWG NO. WS1	
CUSTOMER: VT AOT				REV.		