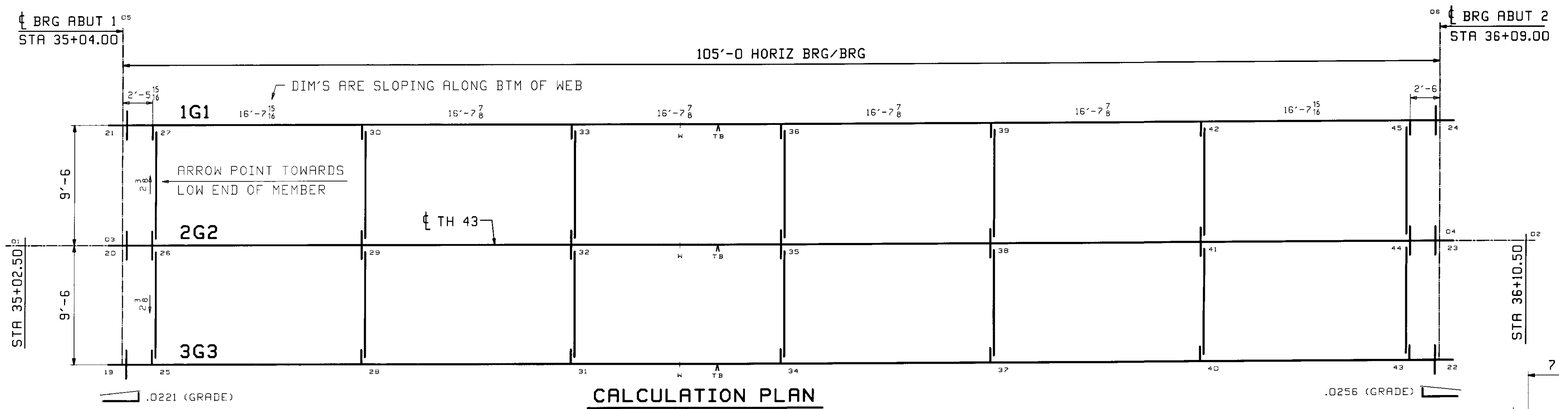
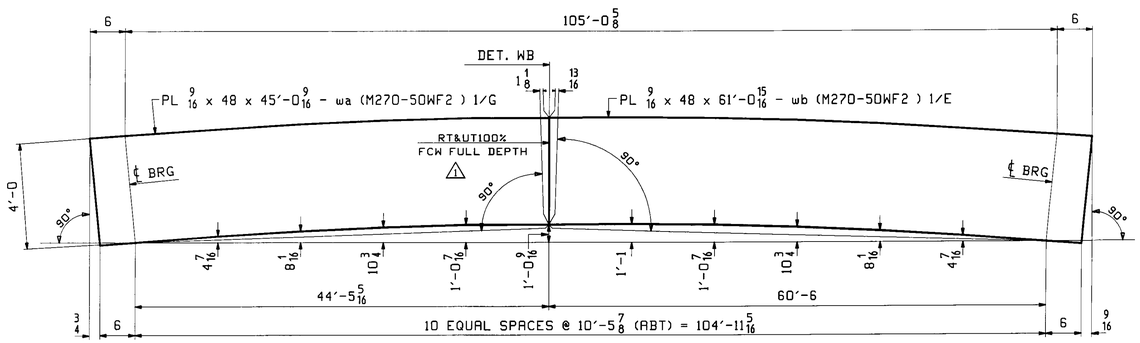
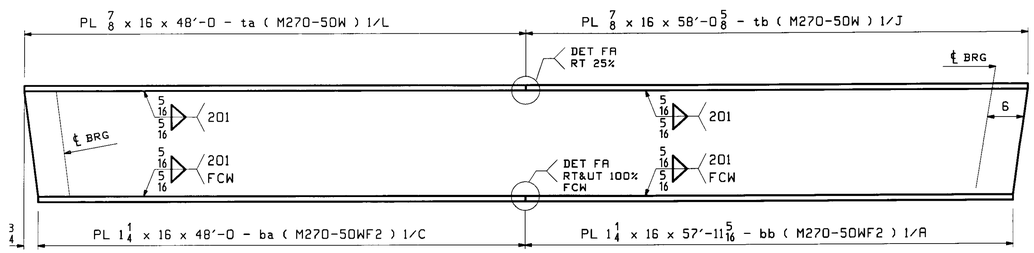


CALCULATION PLAN

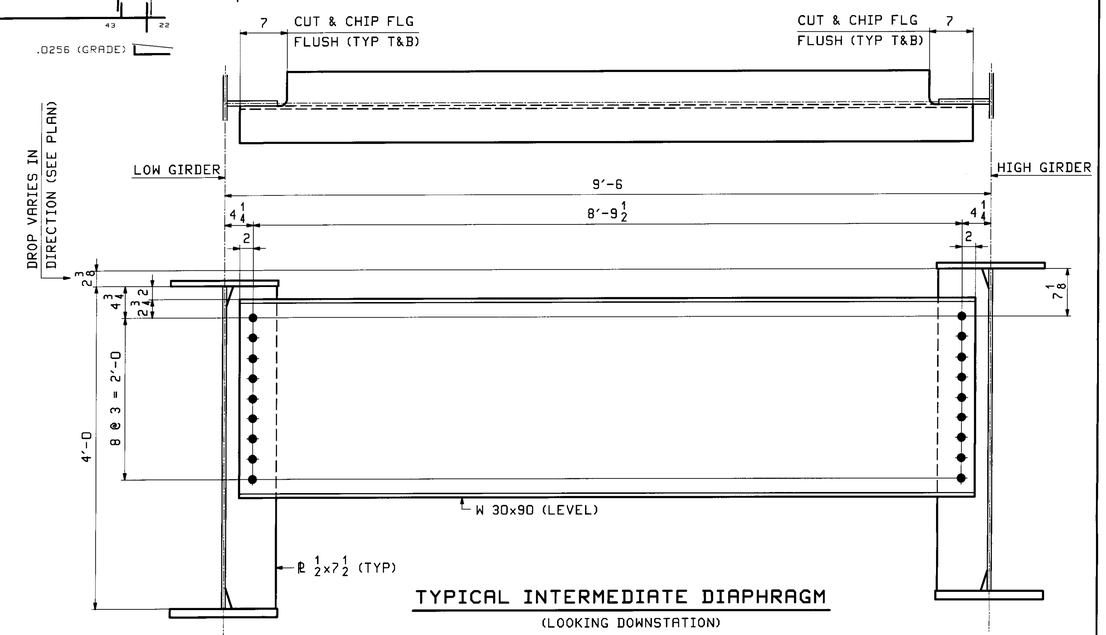
ENDS OF GIRDERS AND BRG. STIFF'S ARE VERTICAL AFTER DL ROTATION.
CF STIFF ARE NORMAL TO GRADE.
BOTT PT NUMBERS =TOP PT NUMBERS + 100.



CAMBER DIAGRAM FOR 1G1 THRU 3G3

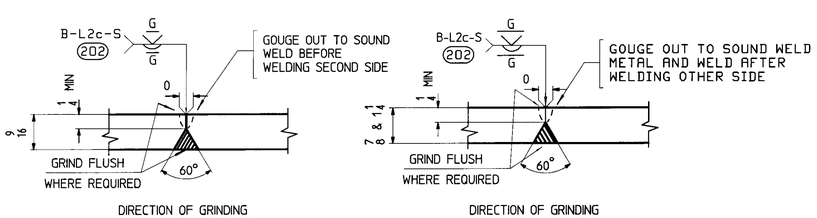


FLANGE DIAGRAM FOR 1G1 THRU 3G3



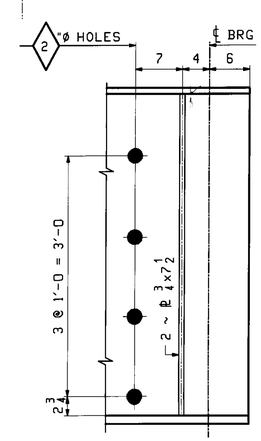
TYPICAL INTERMEDIATE DIAPHRAGM

(LOOKING DOWNSTATION)



WEB PLATE SPLICE DETAIL "WB" **FLANGE SPLICE DETAIL "FA"**

NOTES:
- FOR GENERAL SHOP NOTES SEE DRAWING GN1
- F2 INDICATES FRACTURE CRITICAL MATERIAL, ZONE 2.
- RT INDICATES RADIOGRAPHIC TESTING REQUIRED
- UT INDICATES ULTRASONIC TESTING REQUIRED
- ALL MATERIALS AASHTO M270-GR50W



TYPICAL GIRDER END ELEV.

**** 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.

REV.	DATE	REMARKS	DWN	CHK	APVL	SHOP
1	1/14 2010	WELD TEST (RFI-TEC-244403)	SOB	JTB		
0						

MATERIAL:	SURFACE PREP. & PAINT:	HOLES:	SHOP BOLTS:
M270-50W(UN)	SEE DWG GN1	15/16"Ø (UN)	NONE

DESCRIPTION: CALCULATION PLAN/ CAMBER & FLANGE DIAGRAMS/ LAYOUTS

CASCO BAY STEEL STRUCTURES, INC.
75 SPRING HILL ROAD SACO, MAINE 04072
PHONE (207) 282-7360 FAX. (207) 282-1179
TENSOR 2944

STRUCTURE: BRIDGE OVER WARDSBORO BROOK ROUTE TH 43, BRIDGE NO. 33	DRAWN: SOB	DATE: 12/16	
	CHKD: JTB	DATE: 12/20	
LOCATION: JAMAICA, WINDHAM COUNTY, VT	JOB NO. 437	DWG NO. WS1	
PROJ NO. BRO 1442(27)		REV. 1	
CUSTOMER: VERMONT A.O.T.			

RECEIVED
JAN 25 2010
CK'D BY ___ CK'D BY ___
RESUBMIT ___ APPROVED ✓
BY KMH DATE 1/29/10