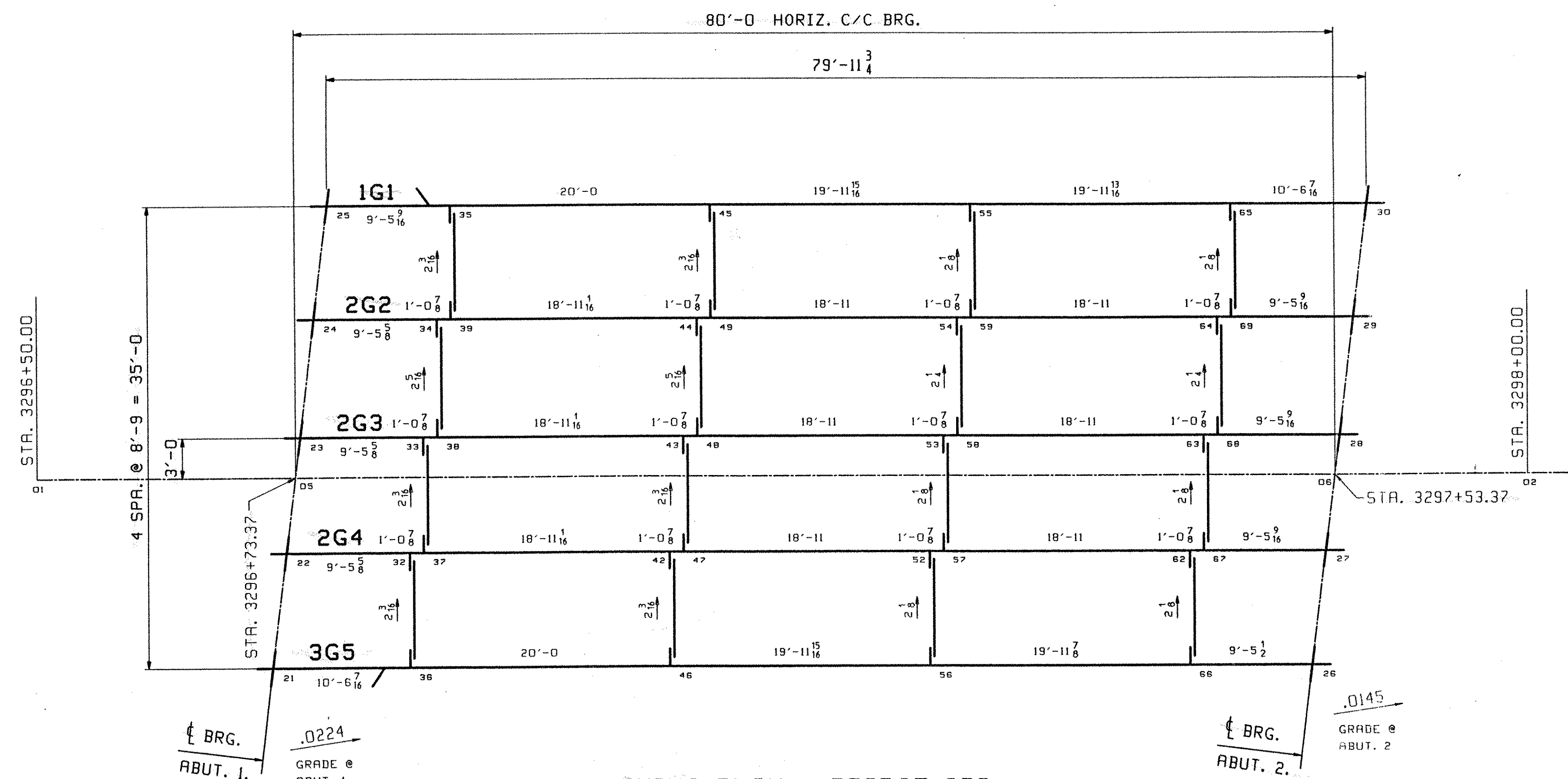
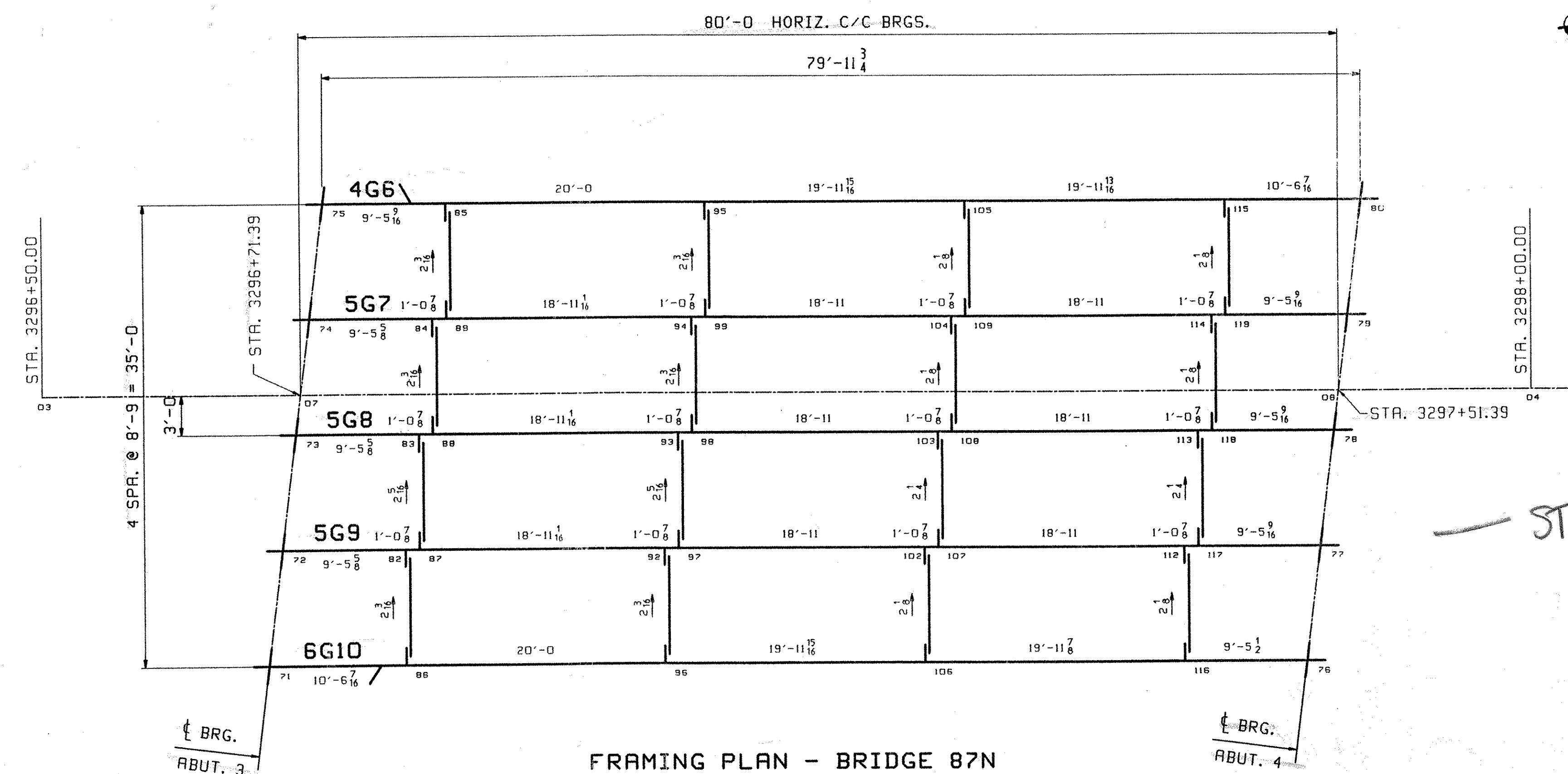




FRAMING PLAN - BRIDGE 87S

**** 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.

- NOTES
1. LONGITUDINAL DIMENSIONS ARE SLOPING ALONG BOT OF WEB WITH CORRECTIONS MADE FOR VERTICAL CURVE, GRADE & DL CAMBER (UN).
 2. TRANSVERSE DIMENSIONS ARE IN A HORIZ. PLANE (UN).
 3. ARROW POINTS TOWARDS LOW END OF MEMBER.
 4. ENDS OF GIRDERS AND BRG. STIFF'S ARE VERTICAL AFTER DL ROTATION.
 5. DIAPH. STIFFENERS ARE NORMAL TO GRADE.
 6. BOT PT NUMBERS = TOP PT NUMBERS + 100
 7. FOR LAYOUTS SEE DWG TDI.
 8. COMBINE DIAPHRAGM STIFFENERS FOR DIFF IN DROPS OF +/- 1/8
 9. DIAPHRAGM DROPS ARE CALCULATED IN THEIR FINAL POSITION.



FRAMING PLAN - BRIDGE 87N

— STRUCTURES COPY —

RECEIVED
OK'D BY *[Signature]* OK'D BY *[Signature]*
4-1-01 4-18-01
MAR 29 2001
RESUBMIT BY *[Signature]* APPROVED DATE 4-18-01

OUT FOR APPROVAL	3-26-01																						
OUT FOR APPROVAL																							
ISSUED TO SHOP																							
FIELD & OFFICE																							
REV.	REMARKS	DATE	DWN	CHK	APP	Q.A.	NO.	DIA.	LGT	TYPE	WASHER												
MATERIAL:	ELECTRODES:	HOLES:							SHOP BOLTS:														
M270 GR. 50W		15/16" U.N.																					
SURFACE PREP. & PAINT: NONE																							
DESCRIPTION:										CALCULATION PLAN										DRAWN BY		DATE	
JOB:										I-89 OVER VT-104										JAK		03/12	
										BRIDGE 87S & 87N										CHKD BY			
										I-89 IMPROVEMENTS										WMJ		3/15	
										FAIRFAX										APPROV BY			
										FRANKLIN COUNTY										SUPERVISOR		W. J. GATTI	
PROJ NO.										IM 089-3(27)										O.A.			
CUSTOMER: VERMONT AGENCY OF TRANSPORTATION																							
CASCO BAY STEEL STRUCTURES, INC.																				JOB NO.		DRG. NO.	
75 SPRING HILL ROAD										SACO, MAINE 04072										131		WS1	
PHONE (207) 282-7360										FAX (207) 282-1179										441		REV.	