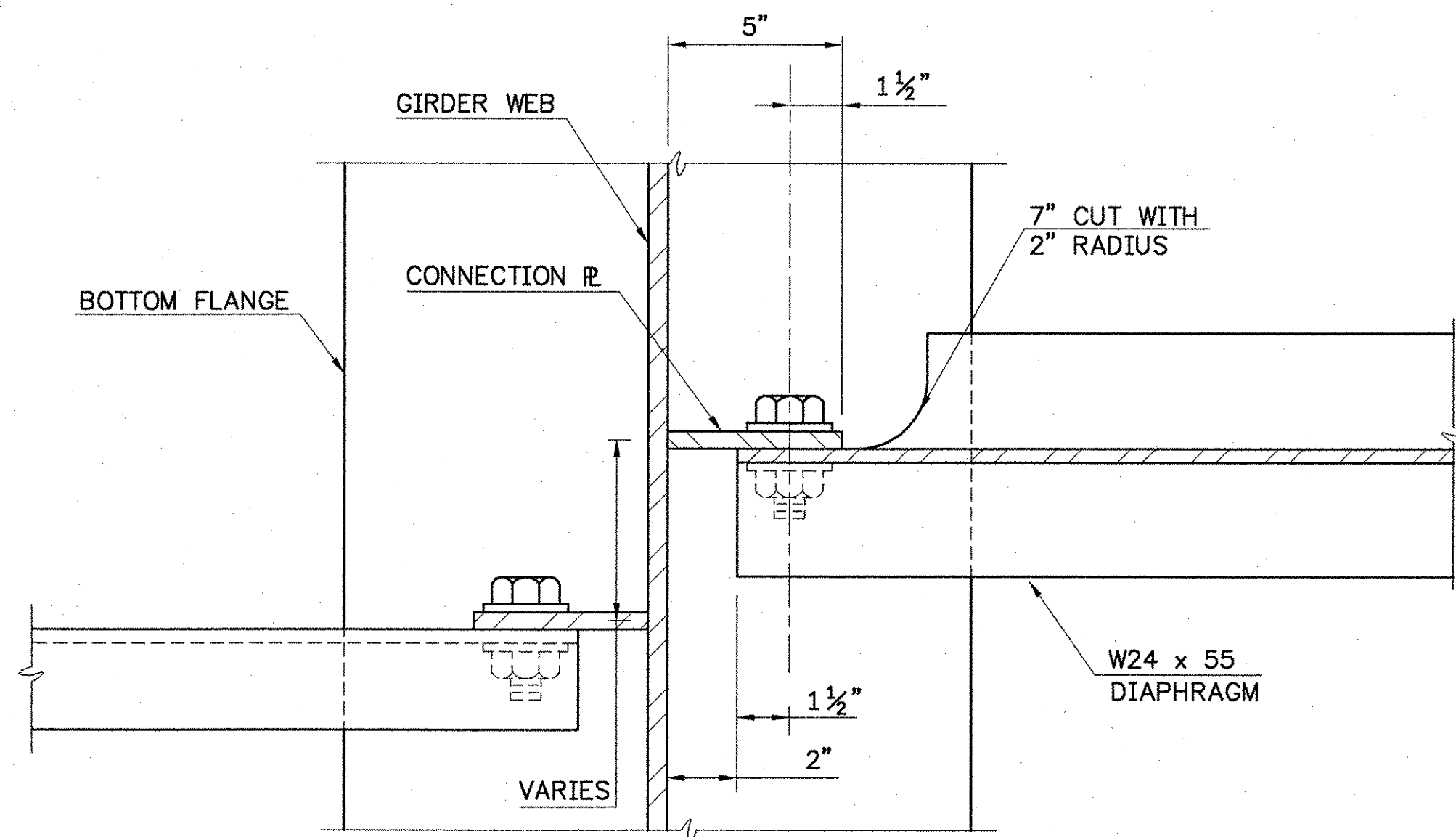
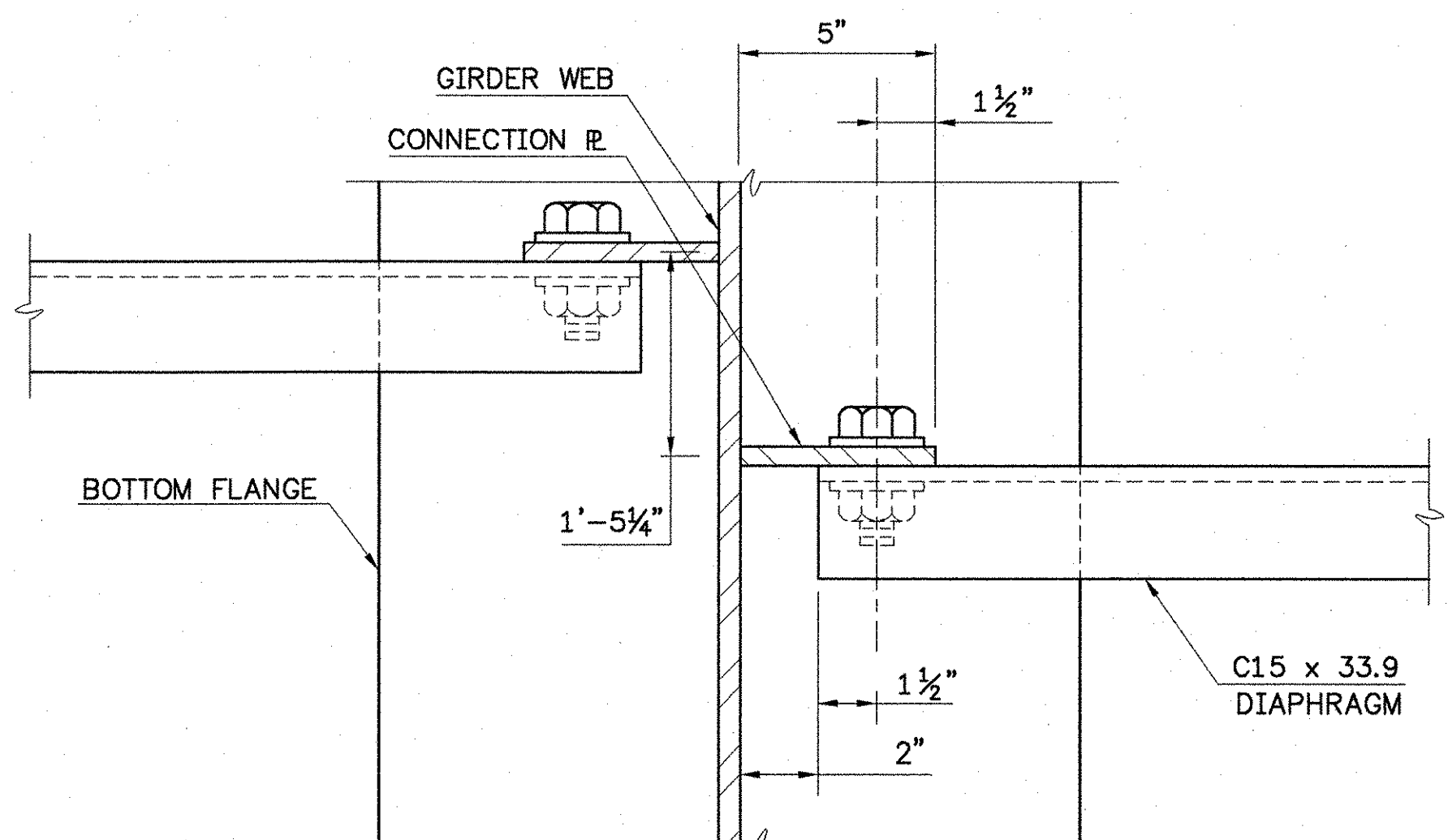


\* NO WELD FOR 1/2" MIN. 1/2" MAX. (EXCEPT MUST MAINTAIN 1" MIN. FROM EDGE OF FLANGE)

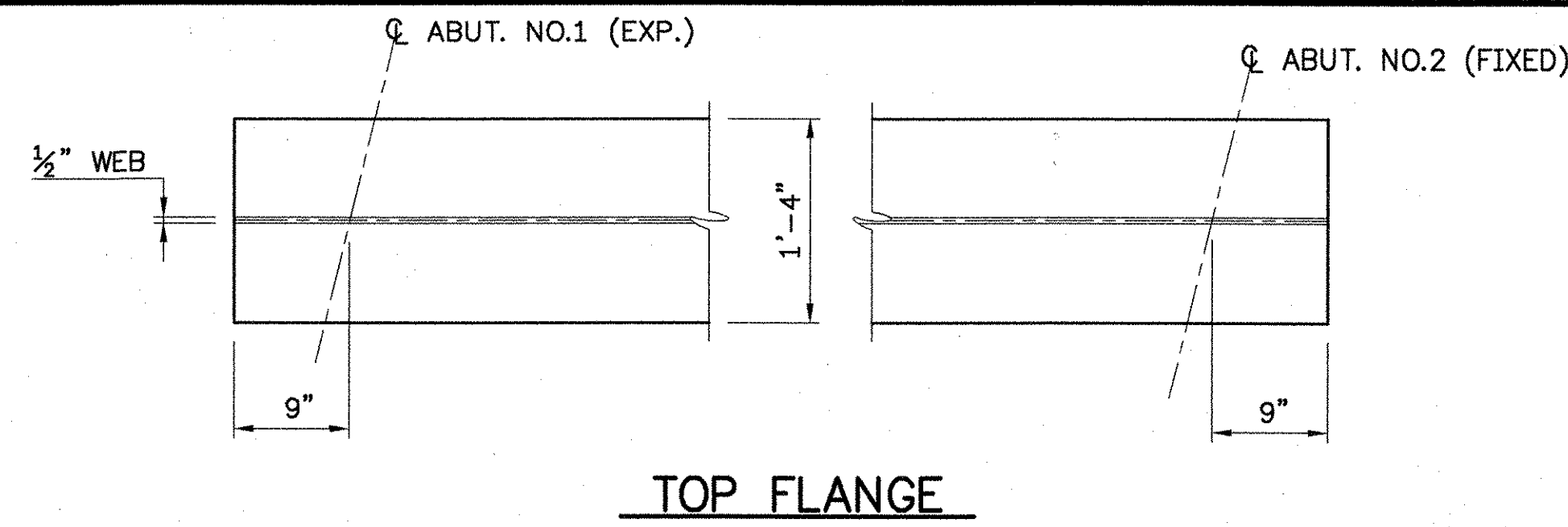
**WELD TERMINATION AND COPING DETAILS**  
SCALE: 3"=1'-0"



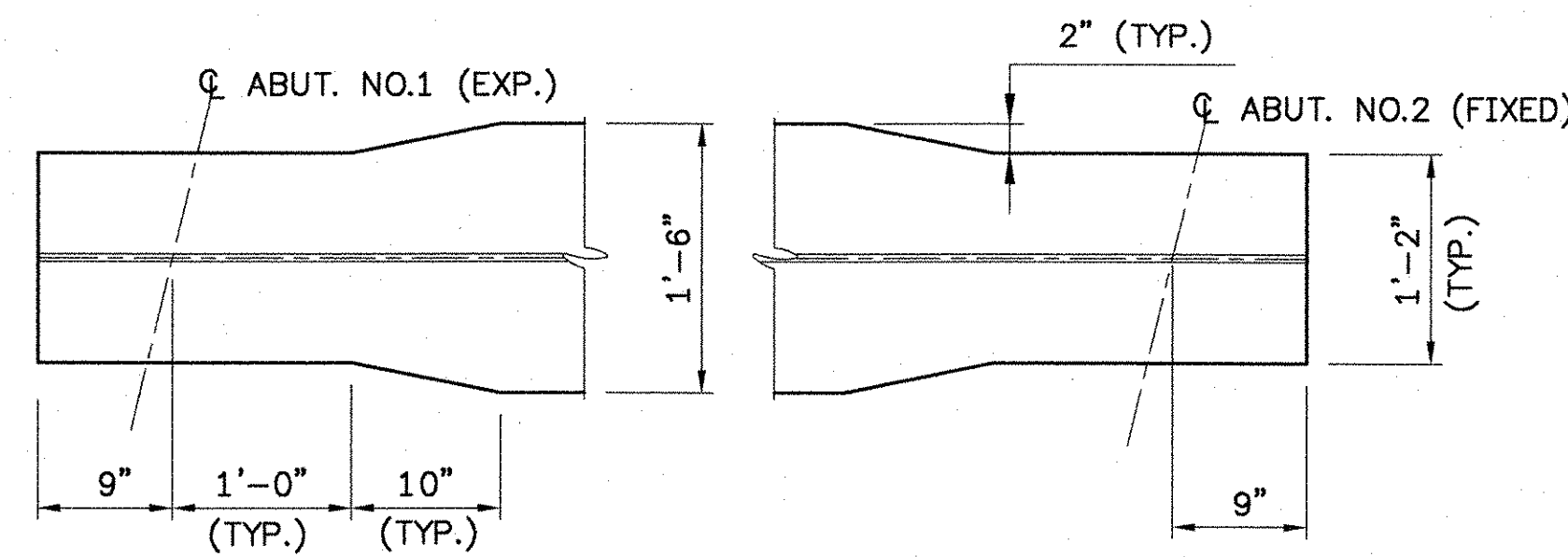
**SECTION A-A**  
SCALE: 3"=1'-0"



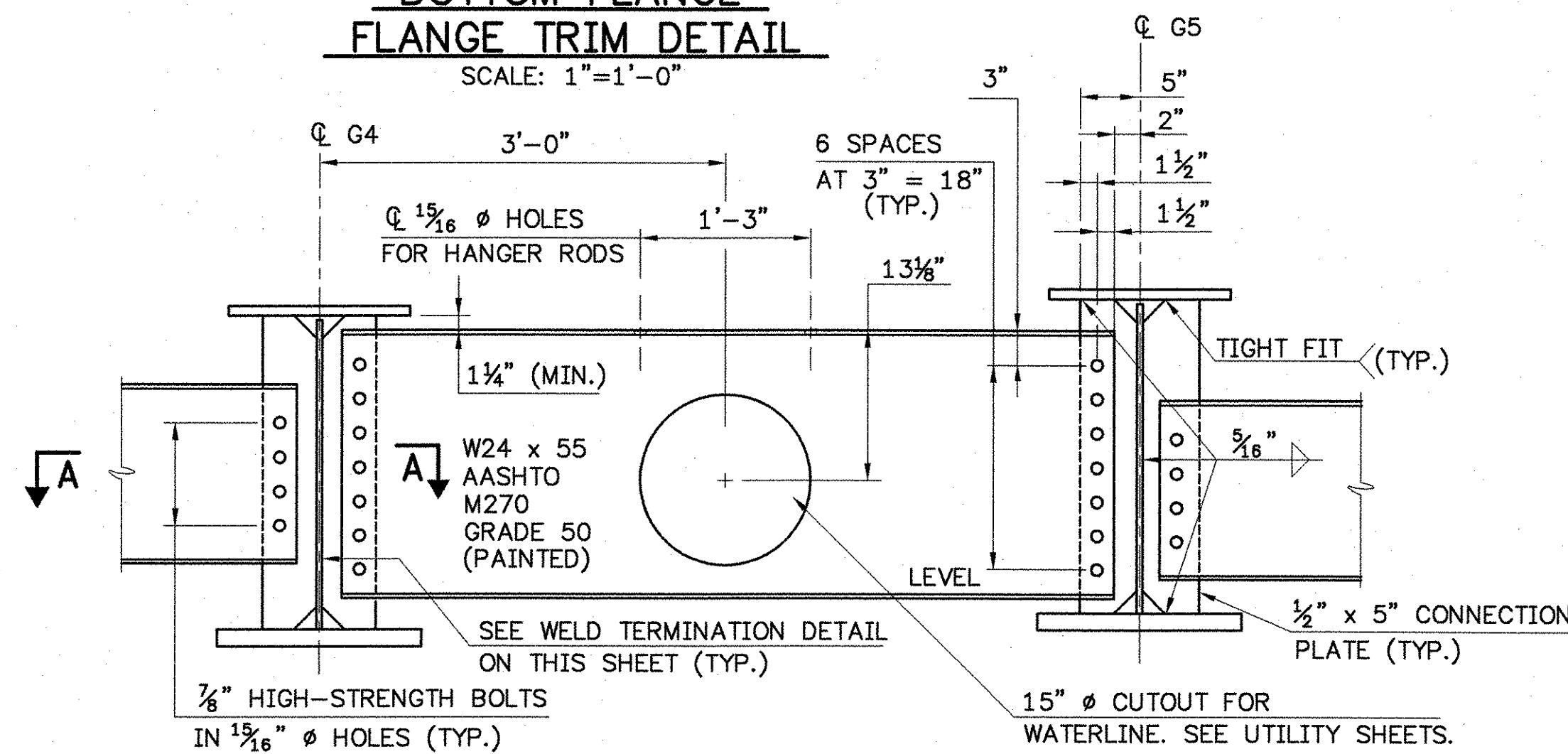
**SECTION B-B**  
SCALE: 3"=1'-0"



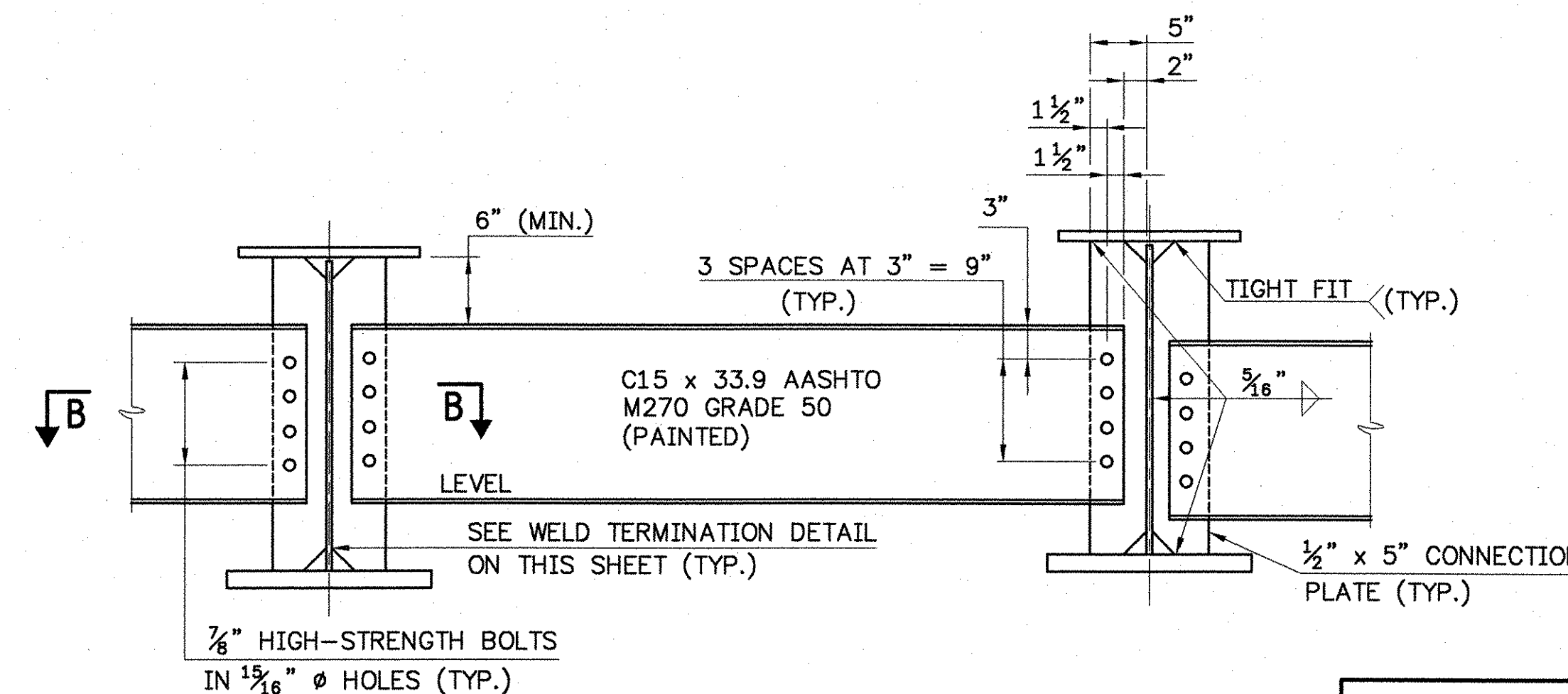
**TOP FLANGE**



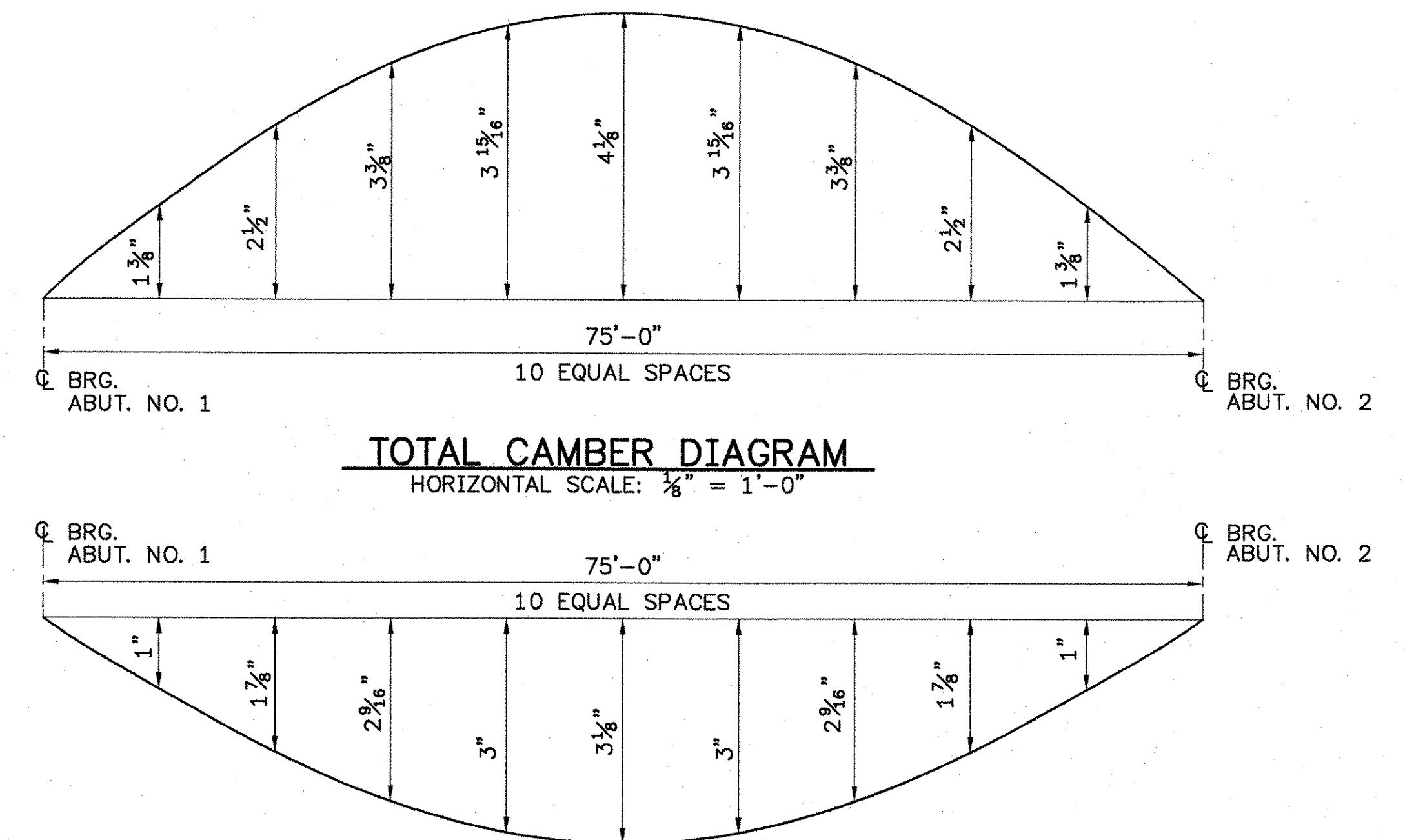
**BOTTOM FLANGE  
FLANGE TRIM DETAIL**  
SCALE: 1"=1'-0"



**TYPICAL DIAPHRAGM IN WATERLINE BAY**  
SCALE: 1"=1'-0"



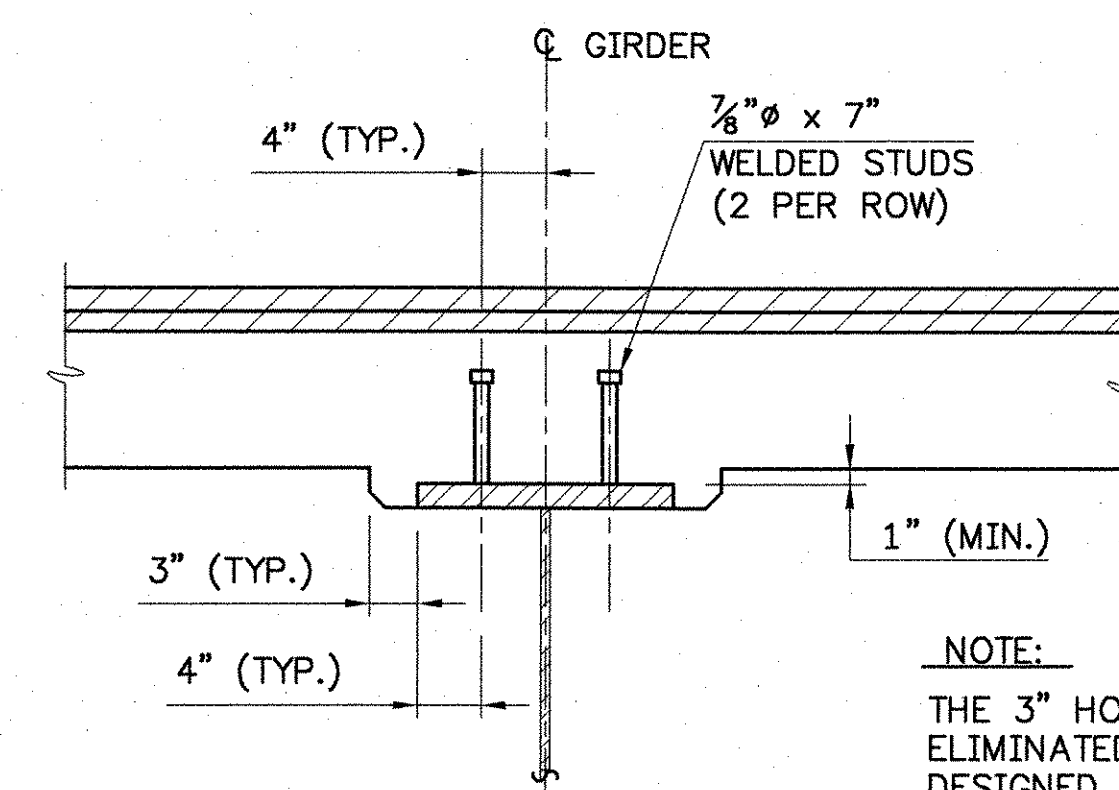
**TYPICAL INTERMEDIATE DIAPHRAGM**  
SCALE: 1"=1'-0"



**TOTAL CAMBER DIAGRAM**  
HORIZONTAL SCALE: 1/8" = 1'-0"

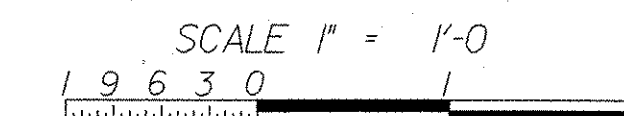
**DEAD LOAD DEFLECTION DIAGRAM**  
NTS

**NOTE:**  
EACH GIRDER SHALL BE CAMBERED A TOTAL OF 4 1/8".  
TOTAL DEAD LOAD DEFLECTION HAS BEEN CALCULATED TO BE 3 3/8".  
THE DESIGN RESIDUAL POSITIVE CAMBER FOR THIS PROJECT IS 1".



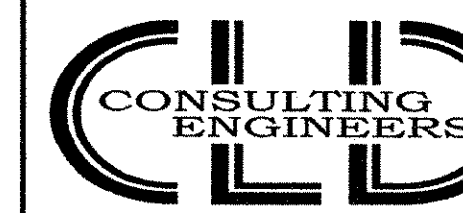
**BEAM HAUNCH AND  
SHEAR CONNECTOR DETAILS**  
SCALE: 1"=1'-0"

**NOTE:**  
THE 3" HORIZONTAL SECTION MAY BE ELIMINATED FOR FORMING SYSTEMS DESIGNED FOR THE CONSTRUCTION OF VERTICAL HAUNCHES. SYSTEMS SHALL BE SUBMITTED FOR APPROVAL TO STRUCTURES ENGINEER. ALL VOIDS SHALL BE FILLED WITH MORTAR TYPE IV OR POLYURETHANE JOINT SEALER.



**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

Town Of	JOHNSON	Bridge No.	37
Highway No.	VT. ROUTE 15	Log Sta.	
		Surv. Sta.	
<b>VT. ROUTE 15 OVER GIHON RIVER GIRDER AND CONNECTION DETAILS</b>			
Designed By	R.RICARD	Drawn By	D.DUGAL
Checked By	Date	Bridge Design Supervisor	
S. BEAUMONT	11/06	J. BYATT	Date 11/06
PROJECT	JOHNSON	PROJECT NO.	BRF 030-2(17)S
I.G.C. Info.		Bridge Sheet No.	Sheet 53 Of 85



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