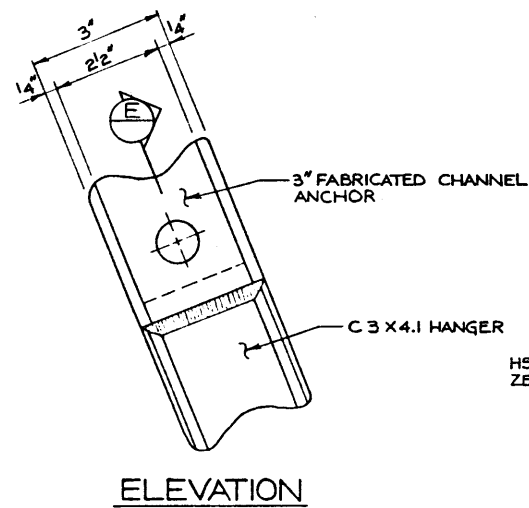
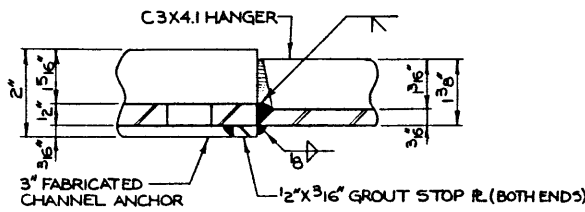


**B SECTION**  
1 1/2" = 1'-0"

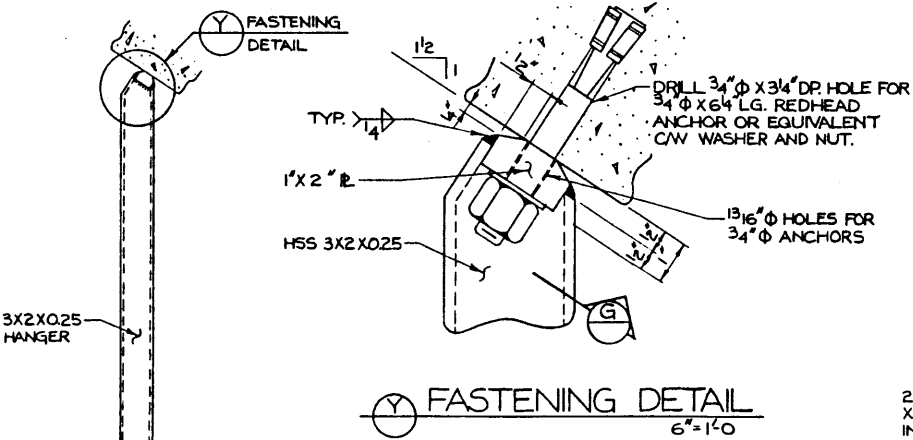


**ELEVATION**

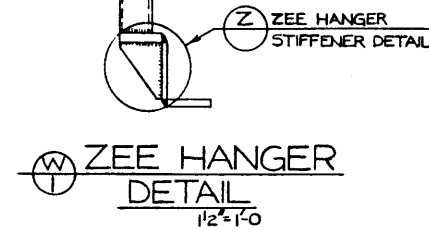


**E SECTION**

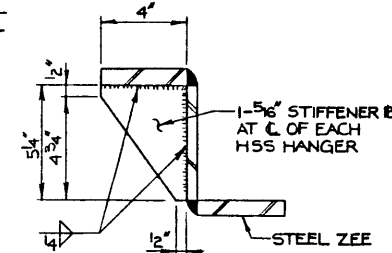
**T HANGER JOINT DETAILS**  
6" = 1'-0"



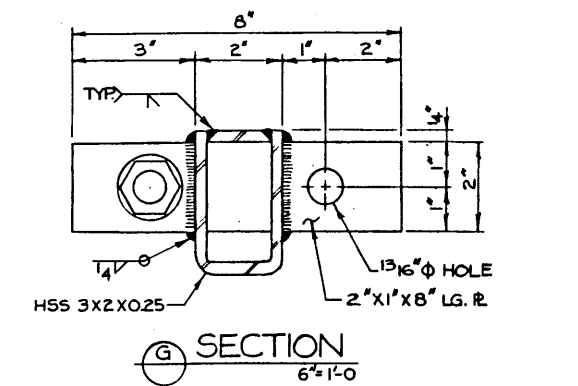
**FASTENING DETAIL**  
6" = 1'-0"



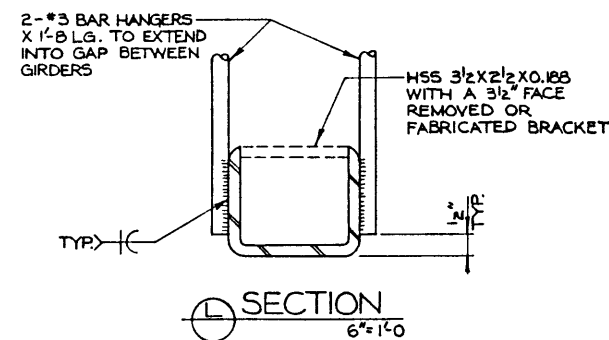
**W ZEE HANGER DETAIL**  
1 1/2" = 1'-0"



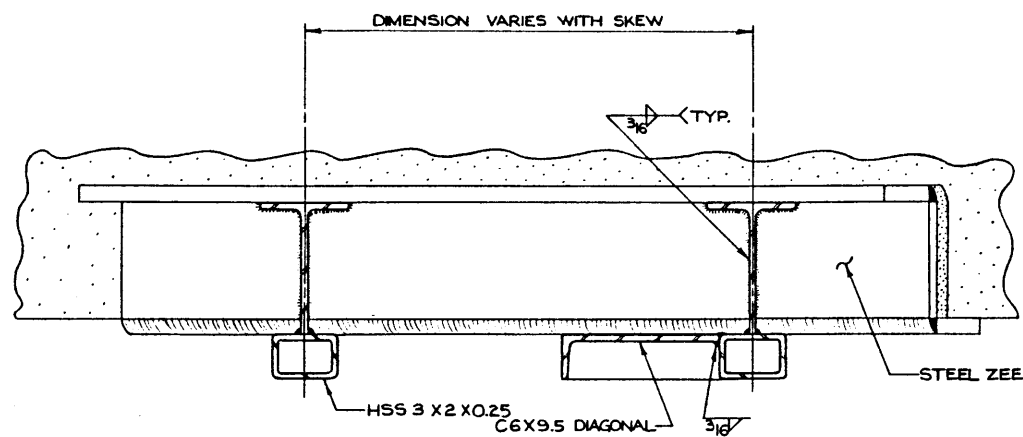
**Z ZEE HANGER STIFFENER DETAIL**  
3" = 1'-0"



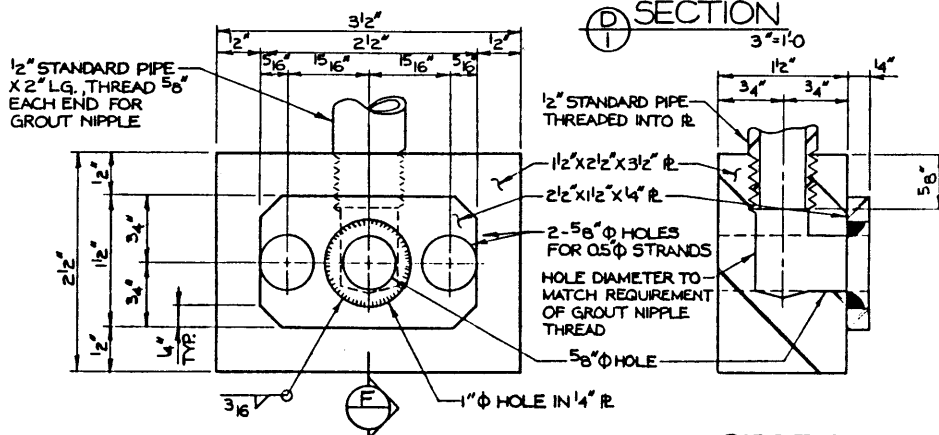
**G SECTION**  
6" = 1'-0"



**L SECTION**  
6" = 1'-0"

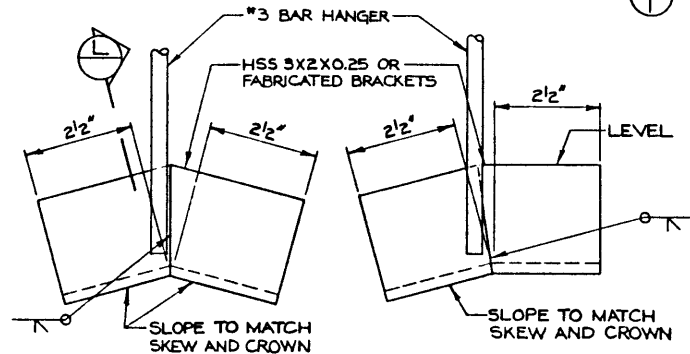


**D SECTION**  
3" = 1'-0"



**S STRAND END DETAIL**  
FULL SIZE

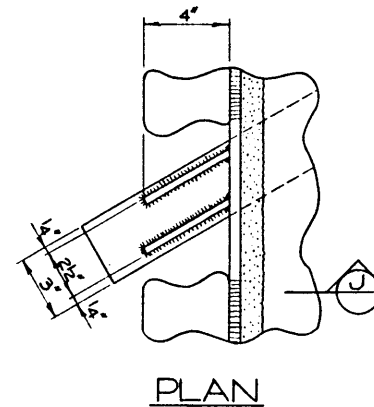
**F SECTION**  
FULL SIZE



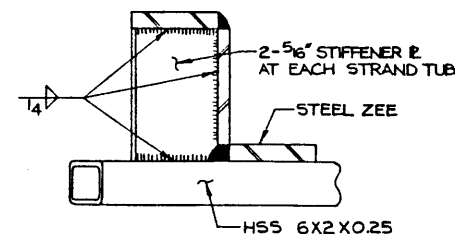
**EVEN NUMBER OF GIRDERS**

**ODD NUMBER OF GIRDERS**

**Y HSS CROWN JOINT DETAILS**  
6" = 1'-0"

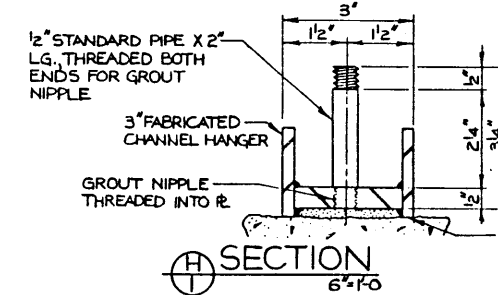


**PLAN**



**J SECTION**

**X STIFFENER DETAILS**  
3 1/2" = 1'-0"



**H SECTION**  
6" = 1'-0"

**MATERIALS**

All Steel to meet C.S.A. G40.21 Grade 44W or A.S.T.M. A500 A or B:  
All welding shall conform to current A.W.S. Specification including interims.  
Packing Grout (Polygrout) is to be mixed with minimum slump and rodded into position.  
Pressure Grout is to be non-shrink with a 28 day compressive strength of 5000 psi.

**INSTALLATION**

- (1) Grout between girders as shown at proposed diaphragm location.
- (2) Roughen areas under grout as shown.
- (3) Loosely place all pieces of the diaphragm c/w heat shrink collars and prestressing strands.
- (4) Snug bolts up and see that all is suitably aligned.
- (5) Place "Packing Grout" and allow to reach 5000 psi (24 hours for polygrout).
- (6) Stress Tendons and pressure grout.

WORK THIS DRAWING IN CONJUNCTION WITH DWG. S-1184

DESIGNED C.W. PETERSON		DRAWN BY D.K.O.	DATE 79 07 25	CHECKED BY	DATE	STREAM	LOCATION	HWY NO	SCALE SHOWN	FILE NO	SHEET 2 OF 2	DWG NO S-1185
APPROVED						<b>Alberta</b> TRANSPORTATION BRIDGE BRANCH  <b>LATERAL PRE-STRESSING ATTACHMENT FOR VF GIRDERS</b> <b>DETAILS - SHEET # 2</b>						
NO. DATE DESCRIPTION						CHIEF BRIDGE ENGINEER						
REVISIONS						DATE						