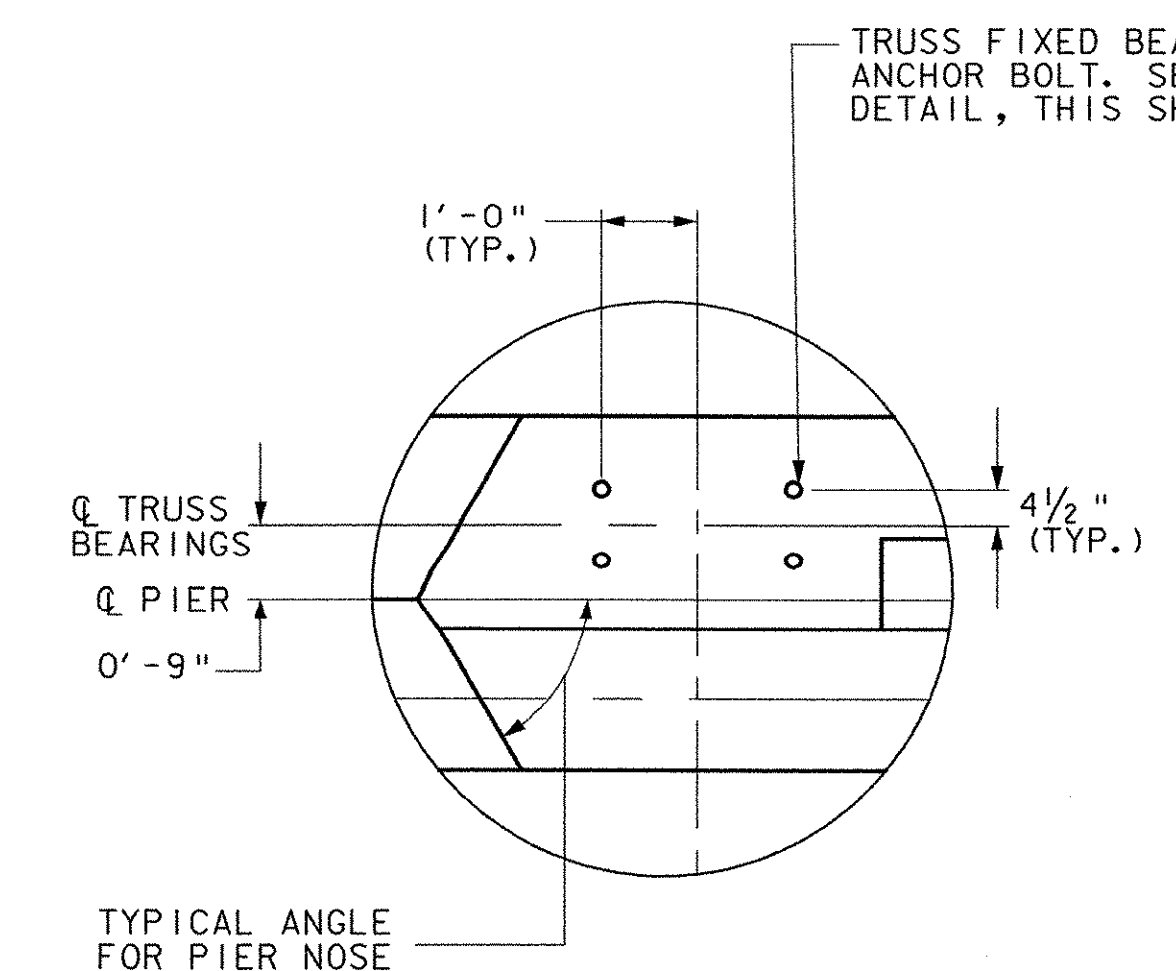
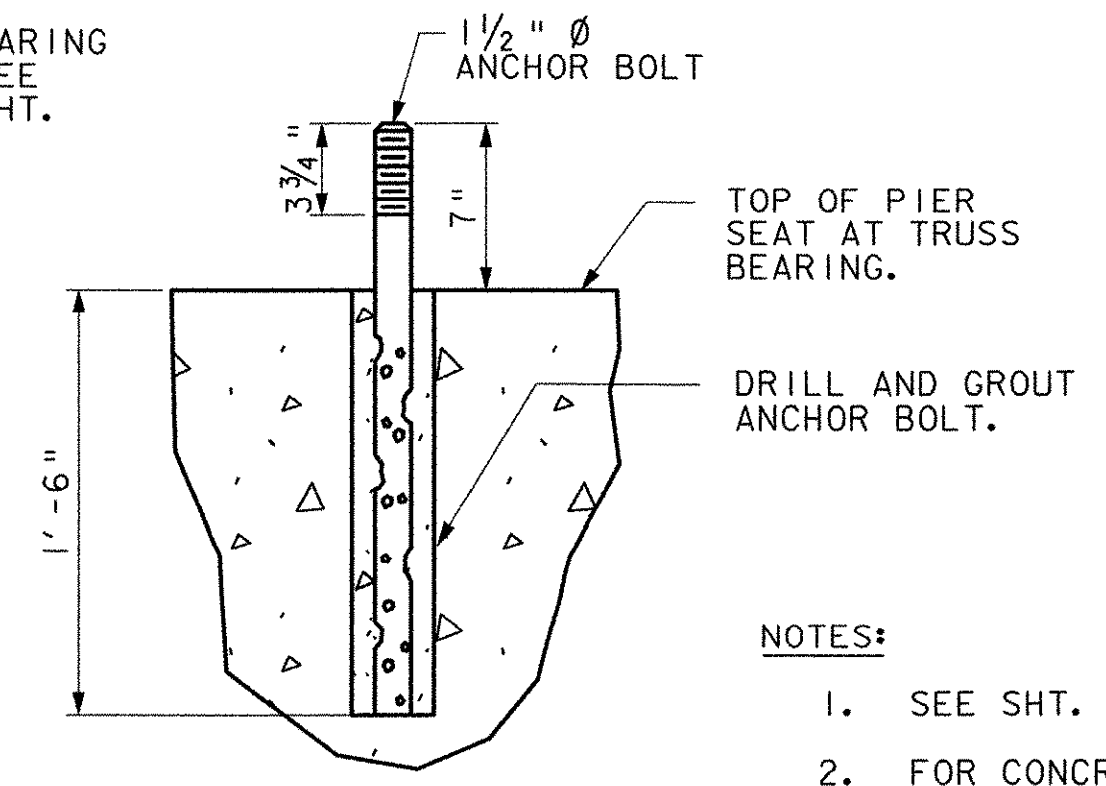


PLAN VIEW
SCALE: 1/4" = 1'-0"

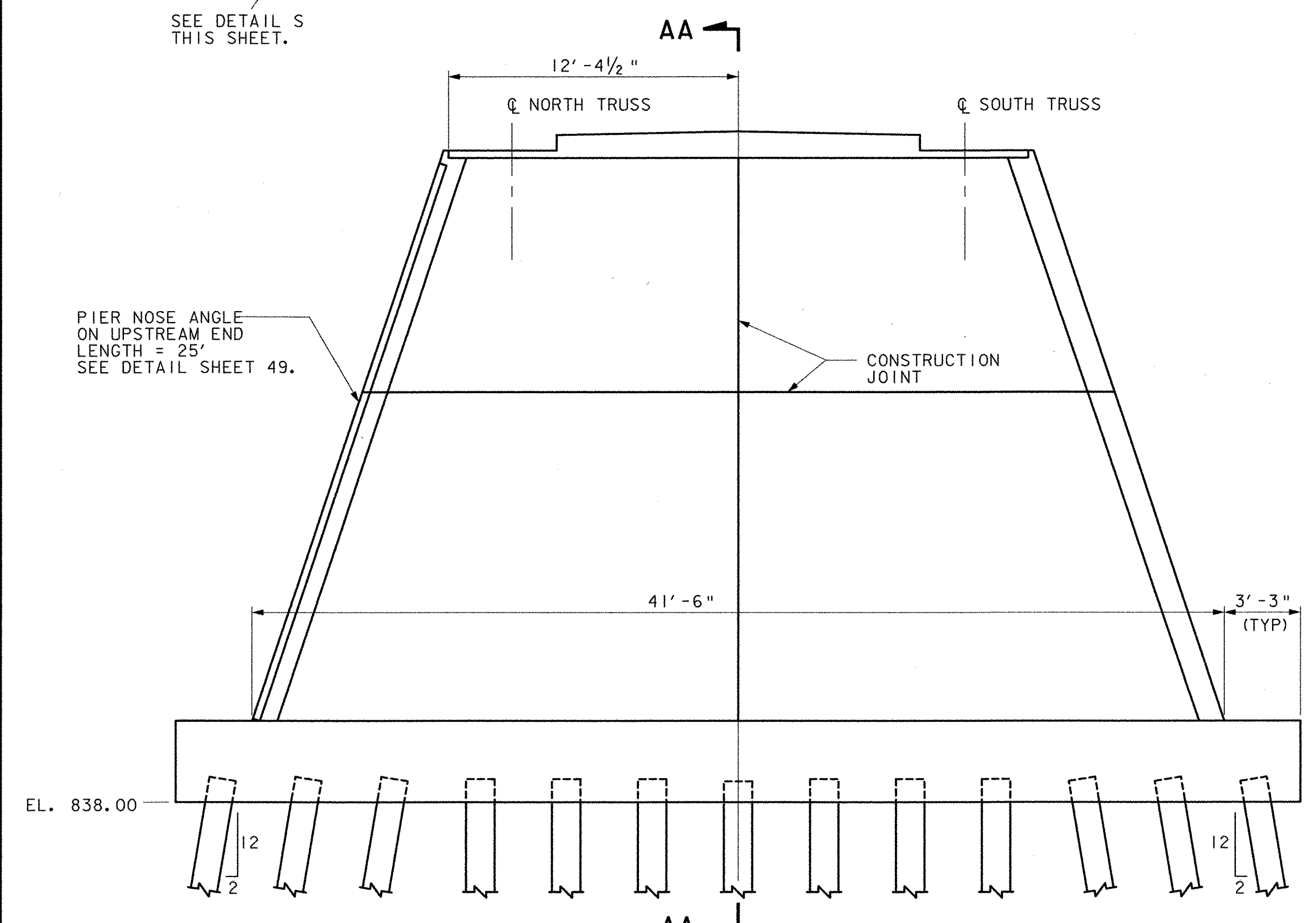


DETAIL S
SCALE: 1/2" = 1'-0"

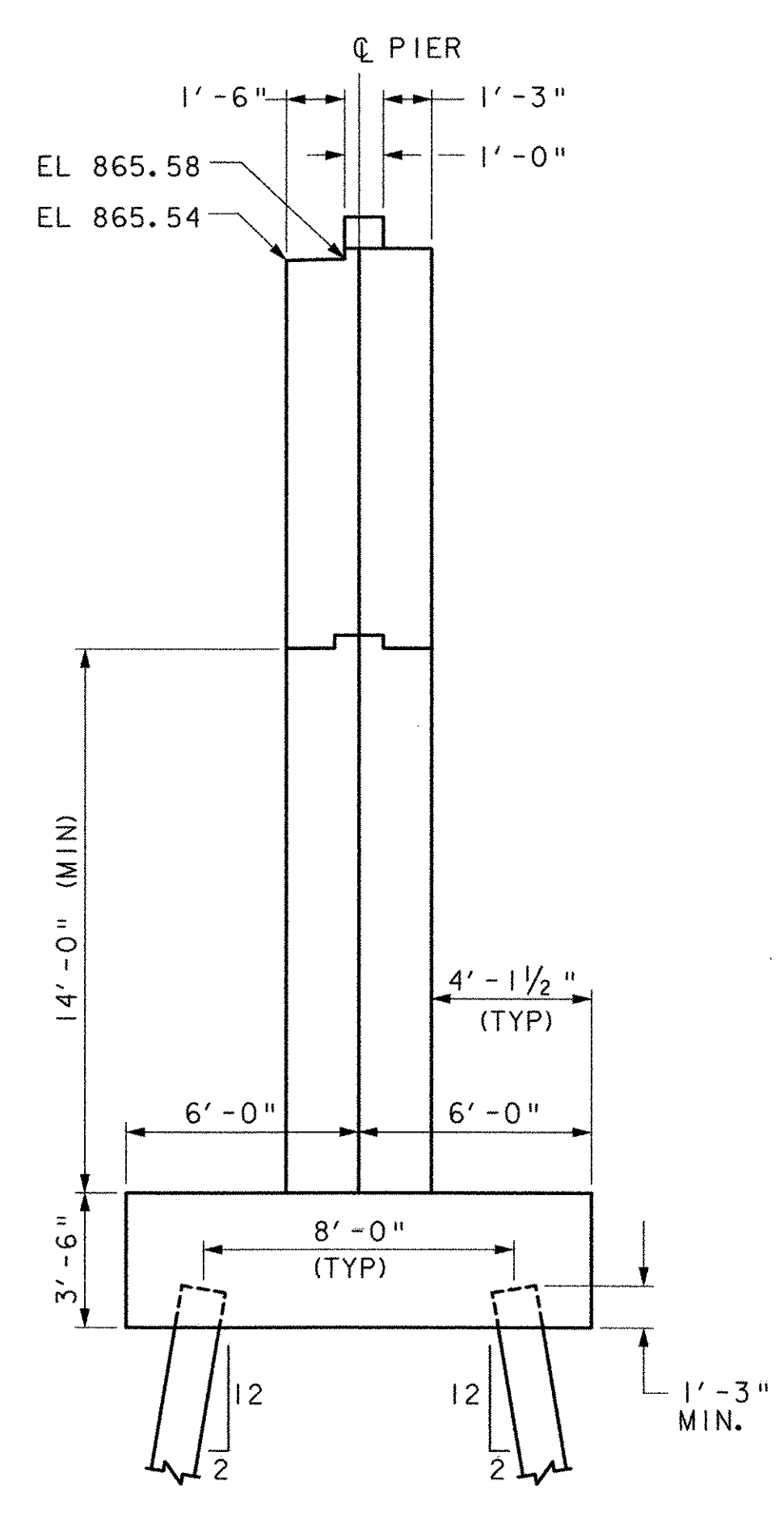


TRUSS FIXED BEARING ANCHOR BOLT SETTING
SCALE: 1 1/2" = 1'-0"

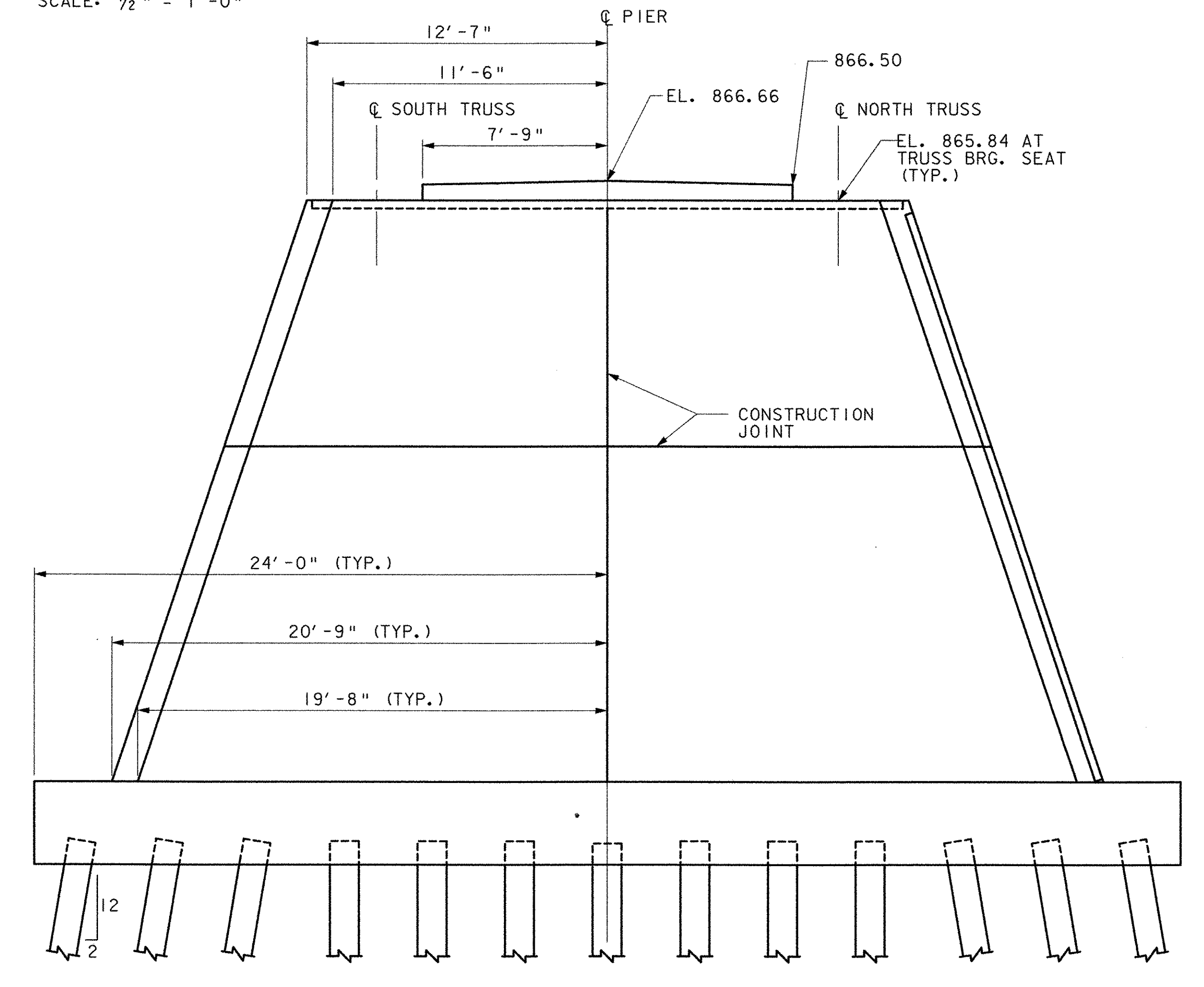
- NOTES:**
- SEE SHT. 54 FOR FIXED JOINT @ PIER DETAIL.
 - FOR CONCRETE NOTES SEE SHTS. 38 & 55.



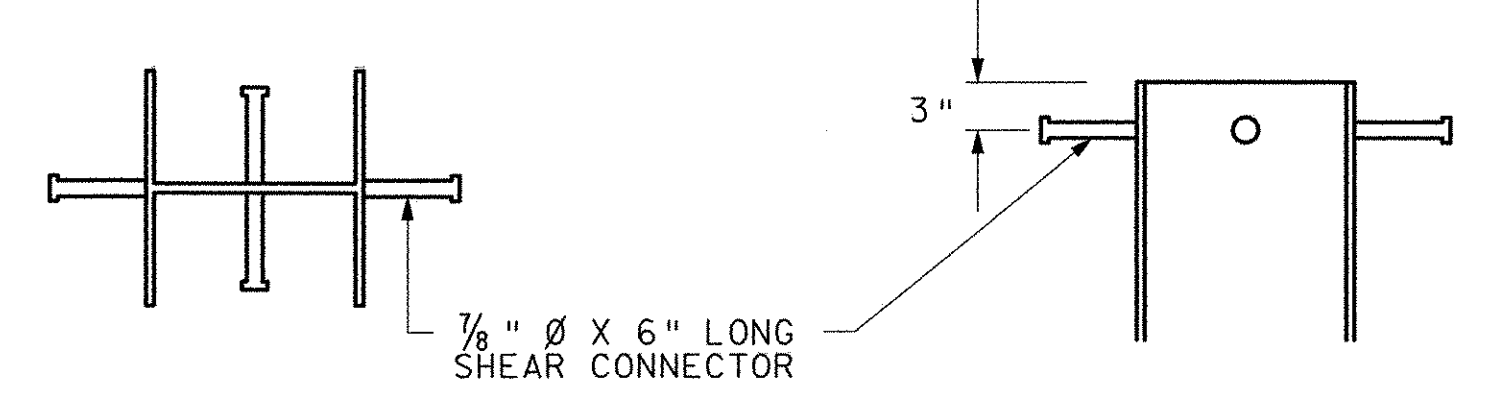
WEST ELEVATION
SCALE: 1/4" = 1'-0"



SECTION AA-AA
SCALE: 1/4" = 1'-0"



EAST ELEVATION
SCALE: 1/4" = 1'-0"



SHEAR CONNECTOR AT TOP OF PILE
SCALE: 1" = 1'-0"

- SHEAR CONNECTOR NOTES:**
- THE SHEAR CONNECTOR SHALL CONFORM TO SECTION 508 OF THE VTRANS STANDARD SPECS.
 - THE SHEAR CONNECTORS SHALL BE PAID FOR UNDER ITEM 508.15 "SHEAR CONNECTOR (68 - 7/8" X 6")". THIS ITEM SHALL INCLUDE ALL WORK, MATERIALS, AND TESTING REQUIREMENTS TO COMPLETE THE INSTALLATION OF ALL SHEAR STUDS.
 - FOR ADDITIONAL PILE INFORMATION SEE SHEET 49.
- 4 SHEAR STUDS, AS SHOWN, AT PILES IN THE TWO ROWS AT EACH END OF THE PIER (24 STUDS)
ALL OTHER PILES 2 SHEAR STUDS, ONE ON EACH SIDE OF THE WEB (44 STUDS)

- PILE NOTES:**
- THE CONTRACTOR SHALL PERFORM A DYNAMIC LOAD TEST ON THE FIRST PILE DRIVEN. THIS TEST SHALL BE IN CONFORMANCE WITH SECTION 505 OF THE VTRANS STANDARD SPECIFICATIONS. THE TEST WILL BE PAID FOR UNDER ITEM NO. 505.45 DYNAMIC PILE LOADING TEST.
 - THE ULTIMATE PILE RESISTANCE IS 200 KIPS.
 - TOP OF PILE EL. 839
 - APPROXIMATE TOP OF ROCK EL. 786.0
 - FOR SPLICE DETAIL SEE SHT. 49.

STATE OF VERMONT AGENCY OF TRANSPORTATION

Town Of	MAIDSTONE, VT STRATFORD, NH	Bridge No. 1
Highway No.	MAIDSTONE STATE HWY	Log Sta. Surv. Sta.

PIER DETAILS

Designed By	J. MESSIER	Drawn By	C. DONOHUE
Checked By	Date	Bridge Design Supervisor	Date
	D.B. SULLIVAN		08/01/03

PROJECT	MAIDSTONE-STRATFORD	PROJECT NO.	BHO 1447 (24)
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I.G.C. Info.	Bridge Sheet No.	Sheet 58 of 65
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