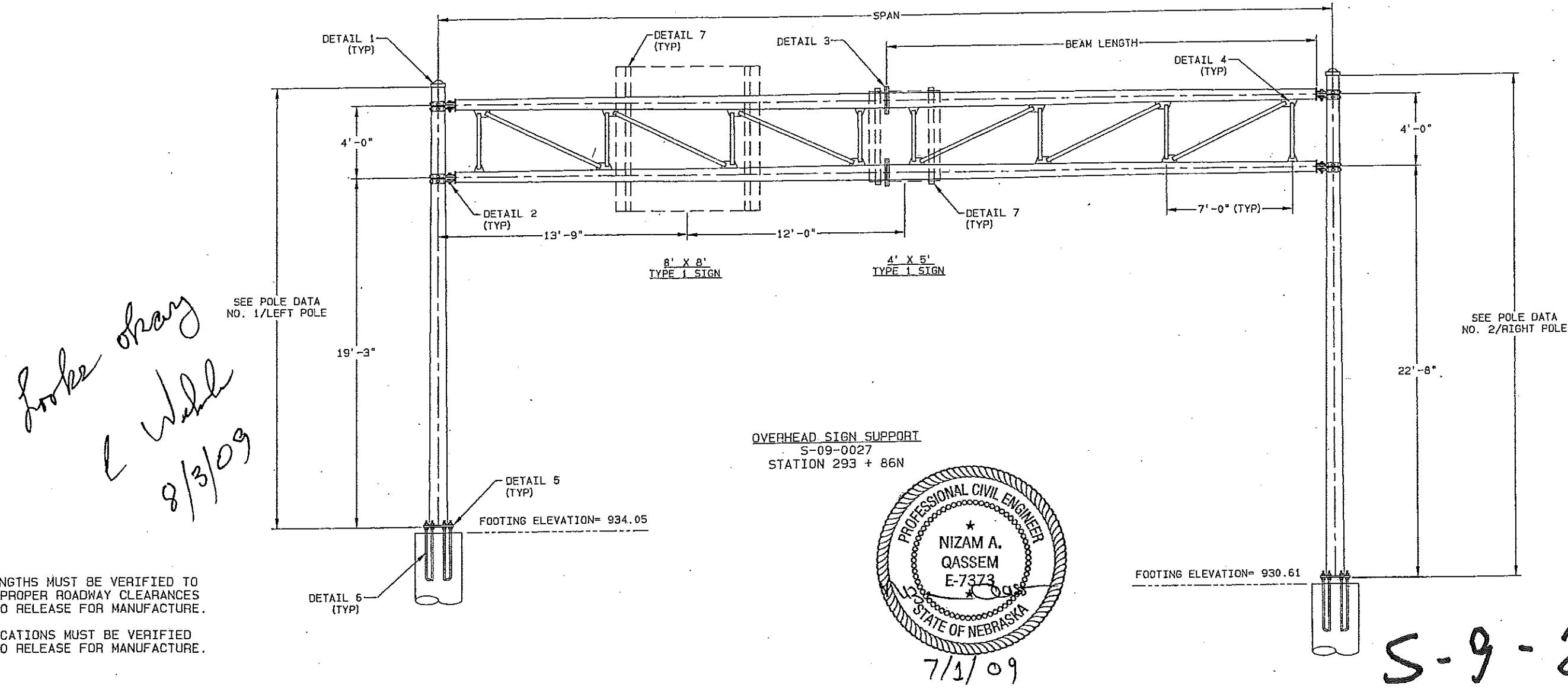
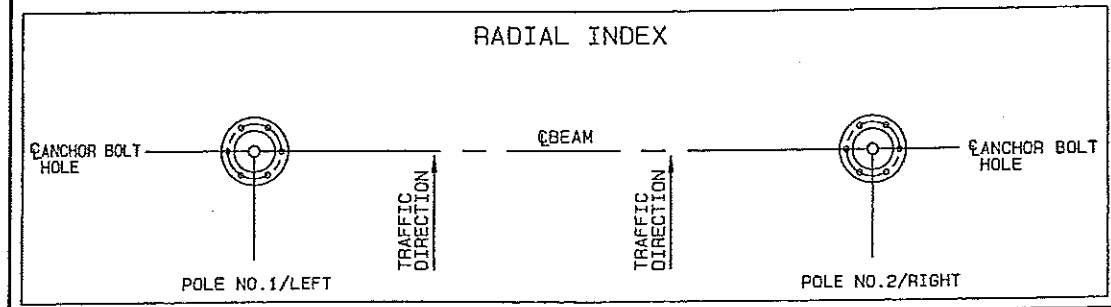


STRUCTURE SCHEDULE

STRUCTURE NO.	SPAN	POLE NO. 1/LEFT POLE DATA				POLE NO. 2/RIGHT POLE DATA				BEAM DATA				BASEPLATE DATA				ANCHOR BOLT DATA				
		BASE DIA. (IN)	TOP DIA. (IN)	★ LENGTH (FT)	GAUGE OR THK. (IN)	BASE DIA. (IN)	TOP DIA. (IN)	★ LENGTH (FT)	GAUGE OR THK. (IN)	BASE DIA. (IN)	END DIA. (IN)	LENGTH (W/FLANGES)	GAUGE OR THK. (IN)	DIAMETER "D1" (IN)	BOLT CIRCLE "Y" (IN)	THK. "M" (IN)	BOLT HOLE "Z" (IN)	QTY.	DIA. "K" (IN)	LENGTH "J" (IN)	HOOK "H" (IN)	THREAD LENGTH "U" (IN)
5-09-0027	49.50'	12.00	8.61	24.25	7	12.00	8.12	27.69	7	10.00	6.67	23'-10.09"	7	20.00	16.00	1.25	1.50	6	1.25	42.00	6.00	6.00



- NOTES:
- ★1. POLE LENGTHS MUST BE VERIFIED TO ASSURE PROPER ROADWAY CLEARANCES PRIOR TO RELEASE FOR MANUFACTURE.
 2. SIGN LOCATIONS MUST BE VERIFIED PRIOR TO RELEASE FOR MANUFACTURE.

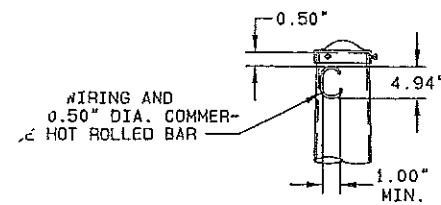


MATERIAL DATA					
COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)	COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)
POLE SHAFTS	A595 GR.A	55	WEB MEMBER-2.0" SCH.40	A513 OR EQUIV.	36
ARM SHAFTS	A595 GR.A	55	ANCHOR BOLTS	F1554 GR.55	55
POLE BASE PLATE	A36	36	CONNECTING BOLTS	A325*	
ARM FLANGE PLATE	A36	36	GALVANIZING	A123 & A153	
ARM END PLATE & VANGS	A572 GR.65	65	HARDWARE LESS THAN 0.63" DIAMETER TO BE STAINLESS STEEL.		
WEB GUSSETS	A36	36			
*LUBRICATE IN THE FIELD IF NECESSARY.					

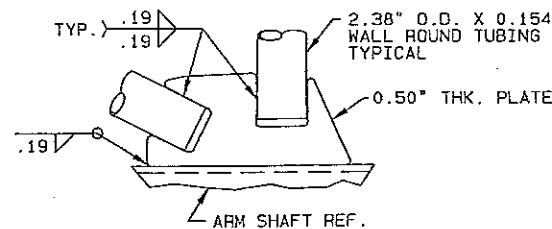
ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USER'S MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE OR BOLT LOOSENING. THE VALMONT WARRANTY SPECIFICALLY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE PRODUCT.

VIBRATION DISCLAIMER

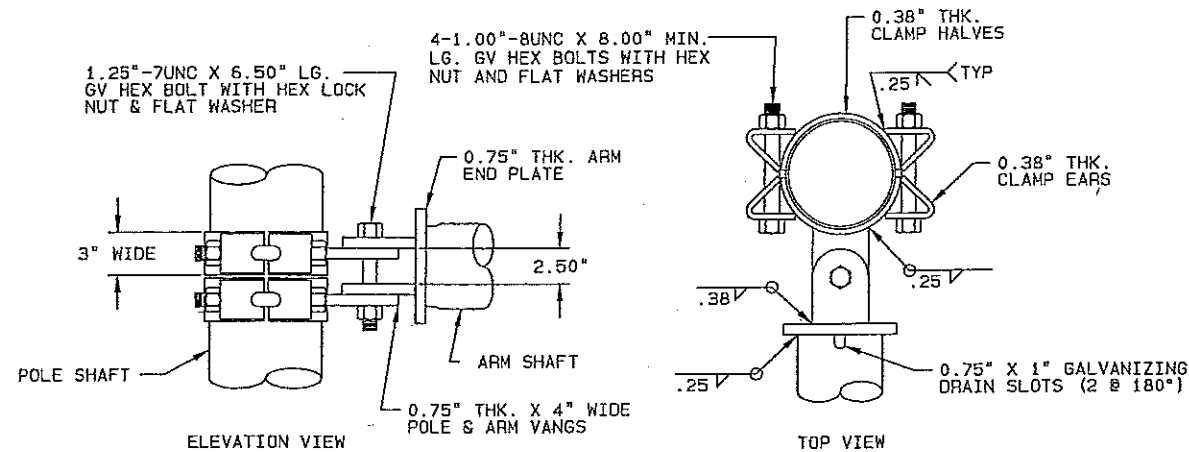
REV		DRAWN BY-DATE		CHECK BY-DATE		DESCRIPTION		SOLD TO: TRAFFIC SIGNAL OF WISCONSIN SHIP TO: MATTISON CONTRACTORS P.O. #: 5969 AGENT: SPECTRUM LIGHTING		JOB WISDOT, CHIPPEWA COUNTY PROJECT 32 - CHIPPEWA FALLS TITLE OVERHEAD SIGN SUPPORT		VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS, ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS. Valley, NE 68064 (402) 359-2201		valmont		ORDER NUMBER: 99760-P1 PAGE NUMBER: 1 OF 2 DRAWING NUMBER WI99760P1	
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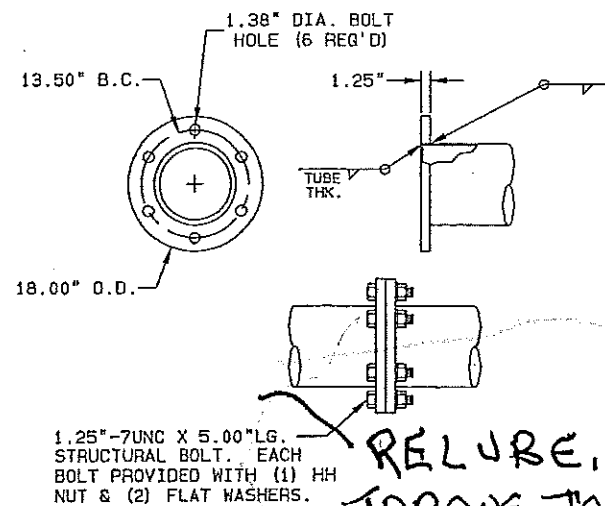
DETAIL 1 POLE TOP



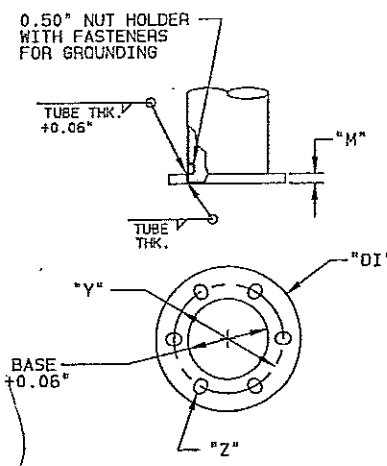
DETAIL 4 WEB GUSSET



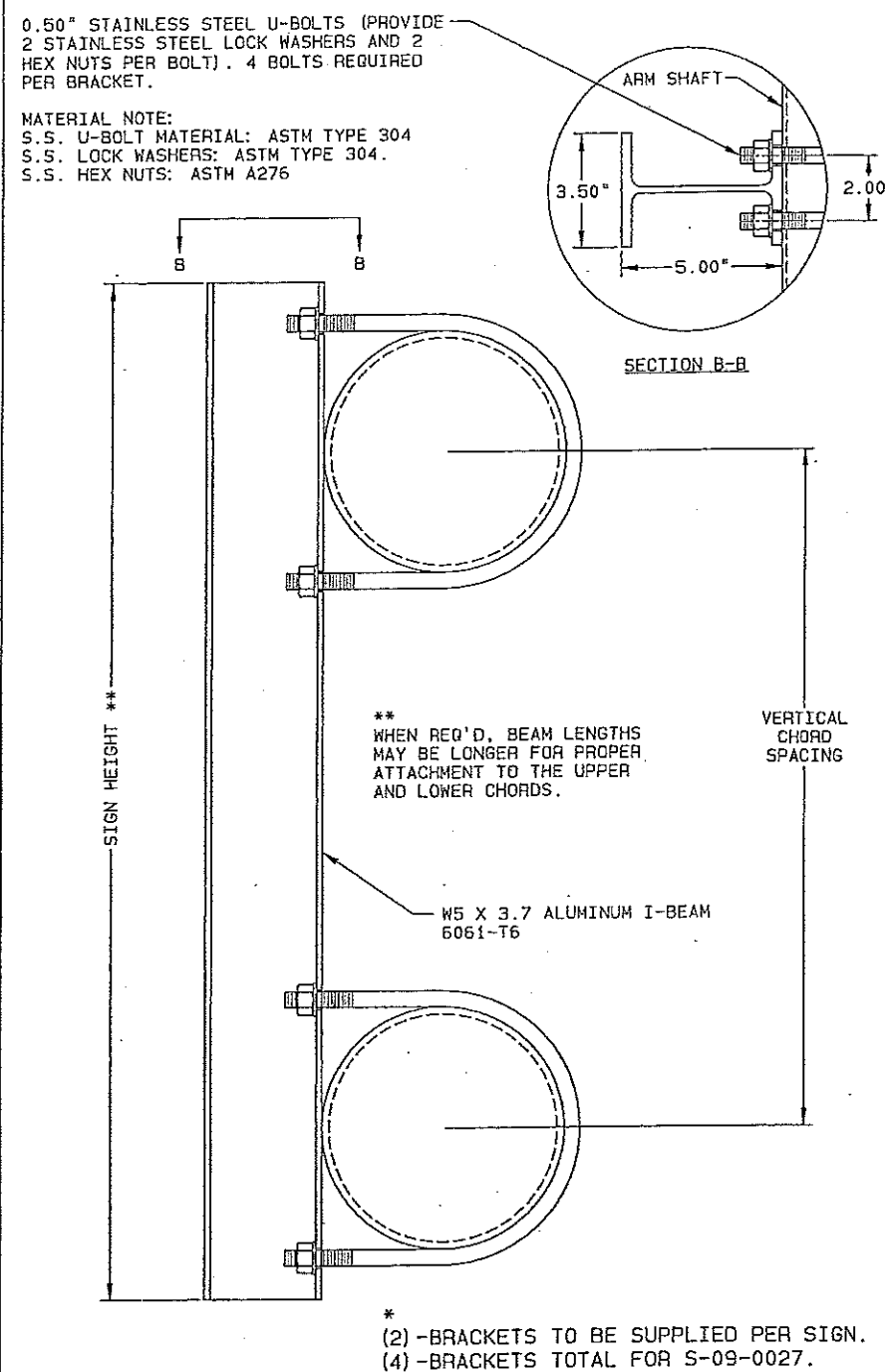
DETAIL 2 TRUSS ARM CONNECTION



DETAIL 3 FLANGE PLATE

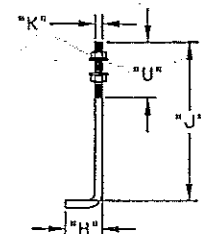


DETAIL 5 POLE BASE

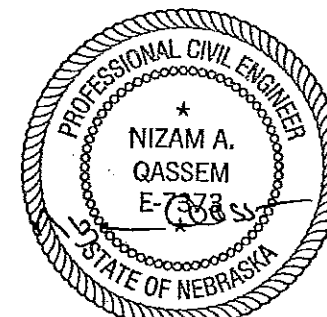


DETAIL 7 SIGN MOUNTING BRACKETS

(6) - ANCHOR BOLTS WITH (2) HEX NUTS AND (2) WASHERS PER BOLT WITH THREADED END GALVANIZED AT LEAST 12".



DETAIL 6 ANCHOR BOLT



7/1/09

JOB WISDOT, CHIPPEWA COUNTY
PROJECT 32 - CHIPPEWA FALLS
TITLE OVERHEAD SIGN SUPPORT

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Valley, NE 68054
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PAGE NUMBER: 2 OF 2
DRAWING NUMBER: WI99760P1
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