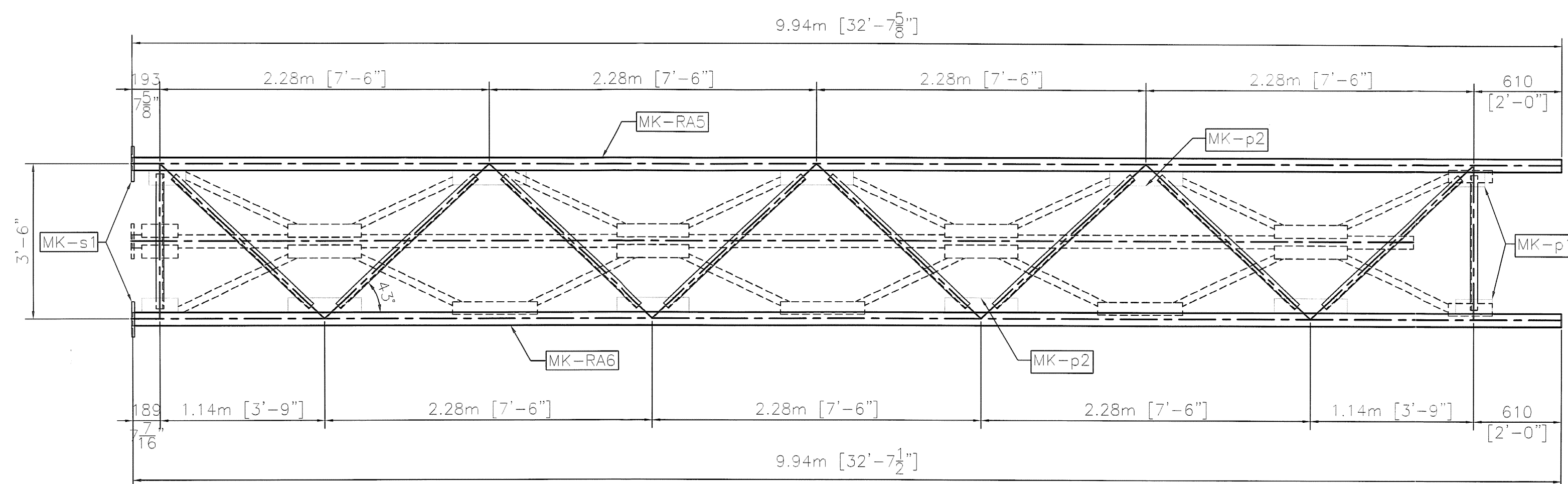
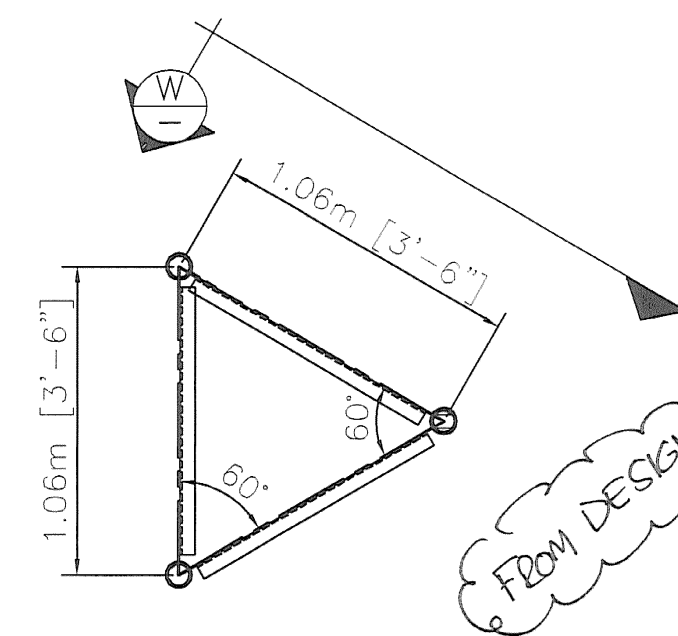


W VIEW



FRONT VIEW

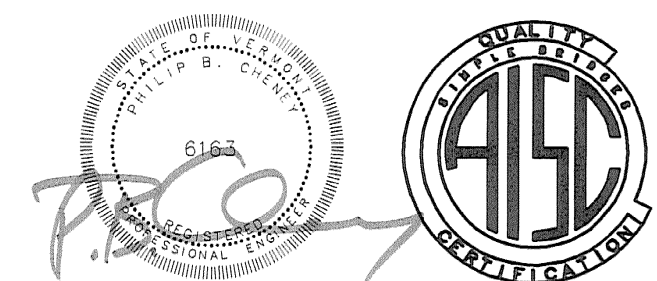
TRUSS 2



SIDE VIEW

- NOTE:**
- STRUCTURE DESIGNED IN ACCORDANCE WITH LATEST EDITION AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS.
  - ALL HOLES FOR HIGH STRENGTH FASTENERS SHALL BE DRILLED OR SUB-PUNCHED FULL SIZE. SLOTTED HOLES AND/OR VENT OR ACCESS HOLES MAY BE CUT WITH MECHANICALLY GUIDED PLASMA OR MECHANICALLY GUIDED FLAME TORCH.
  - GRIND SHARP CORNERS OF ALL PLATES TO A  $\frac{1}{16}$ " MIN. RADIUS PRIOR TO GALVANIZING.
  - ALL WELDING SHALL BE PERFORMED BY QUALIFIED WELDERS IN ACCORDANCE WITH AWS D1.1.
  - ALL STEEL PLATES FOR STRUCTURAL COMPONENTS SHALL BE ASTM A709 GR. 50.
  - STEEL PLATES AND SHAPES FOR NON-STRUCTURAL COMPONENTS SHALL BE ASTM A709 GR. 36.
  - STEEL PIPES FOR STRUCTURAL MEMBERS SHALL HAVE MINIMUM YIELD OF 48 ksi AND SHALL CONFORM TO ONE OF THE FOLLOWING GRADES: ASTM A500 GR. B, A53 GR. B OR API 5LX42.
  - UNLESS OTHERWISE NOTED, ALL BOLTS FOR STRUCTURAL CONNECTIONS SHALL BE M164 TYPE 1 (A325). *ASTM GR B HAS Fy 36KSI*
  - GALVANIZED U-BOLTS FOR CONNECTION OF SIGN HANGER BEAMS TO TRUSS SHALL BE ASTM F-1554 GR. 36.
  - ALL STRUCTURAL STEEL SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH AASHTO M111 (ASTM A123).
  - ALL HARDWARE, UNLESS OTHERWISE NOTED, SHALL BE HOT-DIPPED GALVANIZED PER AASHTO M232 (ASTM A153).
  - ANCHOR HARDWARE SHALL BE STAINLESS STEEL AND MEET REQUIREMENTS OF VAOT STANDARD SPECIFICATION 714.09.
  - CONCRETE AND REBAR SHOWN IN FOOTING DESIGN TO BE FURNISHED BY OTHERS.
  - FOUNDATION DESIGN BASED ON USE OF 3000 psi MINIMUM CONCRETE.
  - SPACE BETWEEN THE TOP OF CONCRETE AND THE BOTTOM OF STEEL BASE PLATE SHALL BE FILLED WITH TYPE IV MORTAR AFTER LEVELING.
  - BOLTS INSTALLED IN STRUCTURAL CONNECTIONS SHALL BE PROVIDED AND TENSIONED PER APPLICABLE PROVISIONS OF STANDARD SPECIFICATIONS SECTION 506. *VDOT VAOT*

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS (mm) UNLESS OTHERWISE NOTED. ENGLISH CONVERSION SHOWN IN [ ] FOR REFERENCE ONLY.



*GLC RLT  
AS NOTED  
06/14/07*

REVISIONS		
No.	Remarks	Date
0	Initial submittal	

<b>HIGHWAY SAFETY CORP.</b> GLASTONBURY, CT	
TRI-CHORD SIGN STRUCTURE STATE OF VERMONT COUNTY OF CALEDONIA INTERSTATE RTE. 91 STA.128.70 SB PROJECT No. AC IM 091-2(73)	DRAWN: MHM CHECKED: P. Radice DATE: 3/23/07 SCALE: NTS PROJ. REVISION NO.: 1587a GENERAL CONTRACTOR: F.R. LAFAYETTE SHEET NO.: 3 of 8