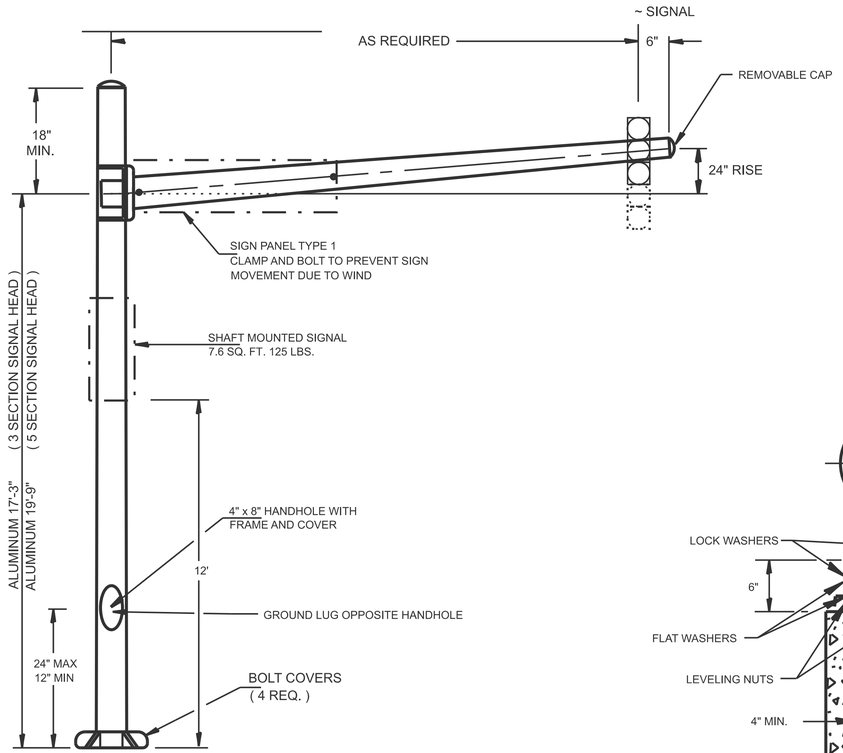
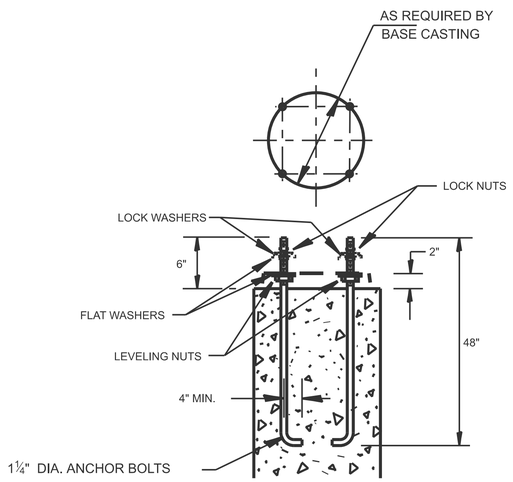
QUANTITY EACH	FORMAT	LETTER SIZE	LOCATION	SIGN SIZE			SIGN PANEL	
				WIDTH	HEIGHT	SQ FT	TYPE 1 SQ FT	TYPE 2 SQ FT





NUTS, LOCKWASHERS AND FLATWASHERS SHALL BE GALVANIZED STEEL. 4 EACH REQUIRED. (REFER TO ARTICLE 710.12 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION)

1. THIS STANDARD SHALL BE DESIGNED TO SUPPORT ONE 8O LB. SIGNAL HEAD OF 14.7 SQ. FT. PROJECTED AREA AT THE FREE END OF THE MAST ARM AND ONE 125 LB. SIGNAL HEAD OF 7.6 SQ. FT. PROJECTED AREA MOUNTED 12 FT. UP ON THE SHAFT OR THE SIGNAL LOADINGS SHOWN ON THE PLANS, WHICHEVER IS GREATER. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 8O M.P.H. WIND VELOCITY.

2. THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS OF THE MAST ARM ASSEMBLY TO THE ENGINEER FOR APPROVAL PRIOR TO FABRICATION. THESE DRAWINGS SHALL BE AT LEAST 17 IN. BY 22 IN. IN SIZE AND OF ADEQUATE QUALITY FOR MICROFILMING.

3. HOLES IN THE SHAFT FOR WIRE INLET AND BACK CLAMP BOSSES SHALL BE DRILLED IN THE FIELD.

4. OTHER ALLOYS, ACCEPTABLE BY AASHTO, WHICH SATISFY OR EXCEED THE DESIGN REQUIREMENTS MAY BE USED IF APPROVED BY THE ENGINEER.

5. HIGH STRENGTH ANCHOR BOLTS, WHEN USED, SHALL BE SPECIFIED WITH ASTM SPECIFICATIONS INDICATING MINIMUM YIELD AND TENSILE STRENGTH.

6. THE SIGNAL HEAD (INCLUDING BACKPLATE WHEN USED) SHALL BE NOT LESS THAN 16'-O" OR MORE THAN 18'-O" ABOVE THE ROADWAY.

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ALUMINUM 25 FT. & 30 FT. MONOTUBE MAST ARM ASSEMBLY AND POLE