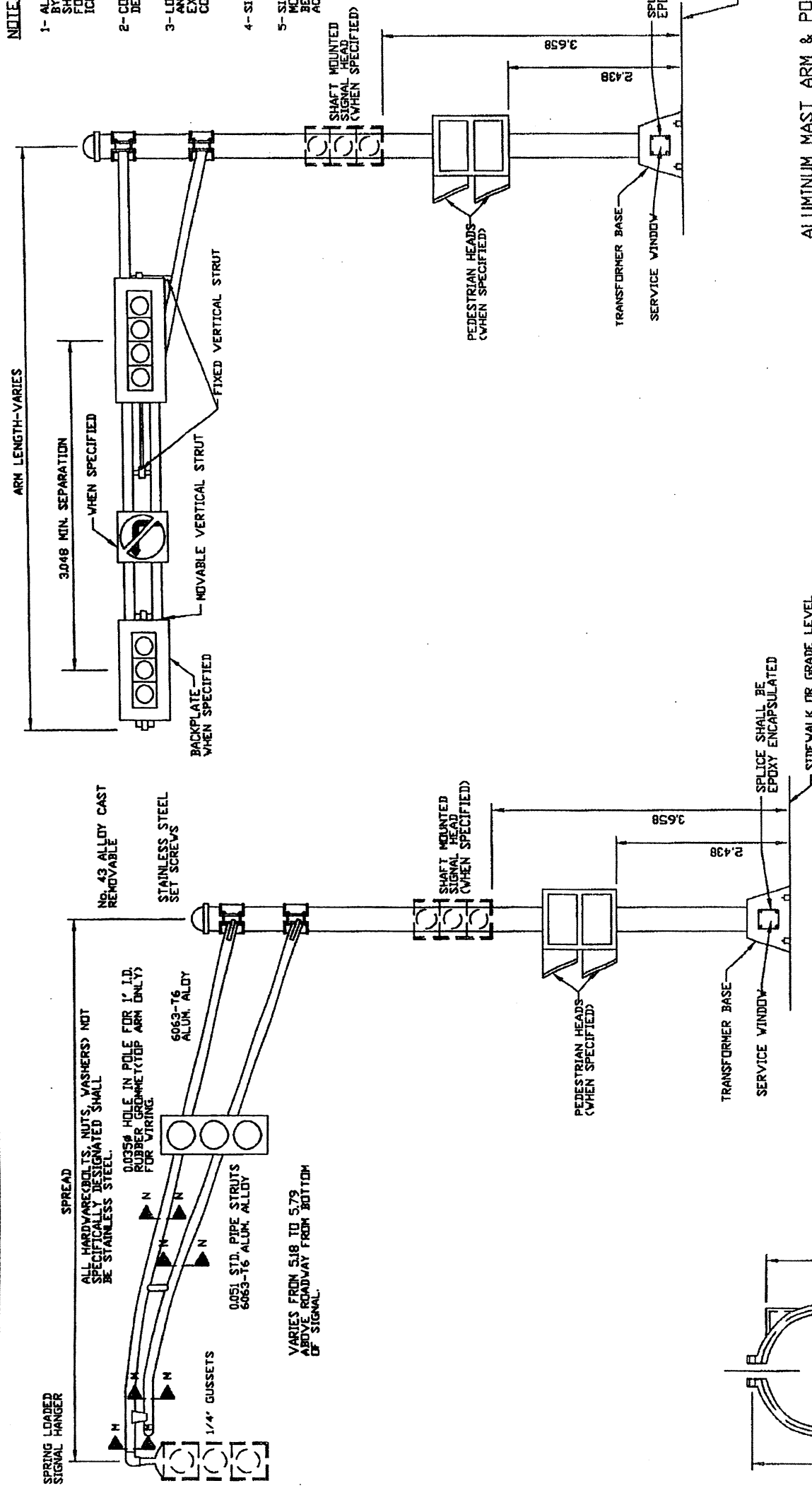


**NOTES:**

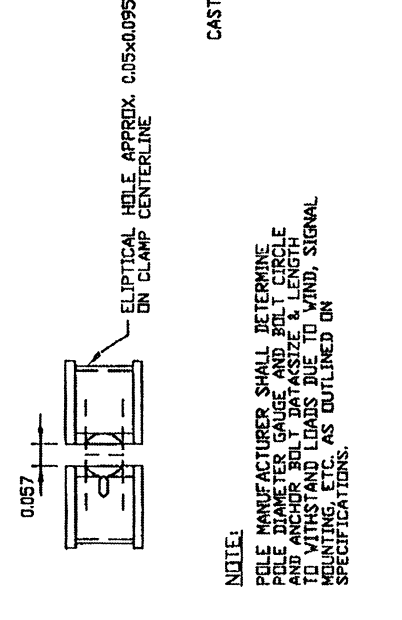
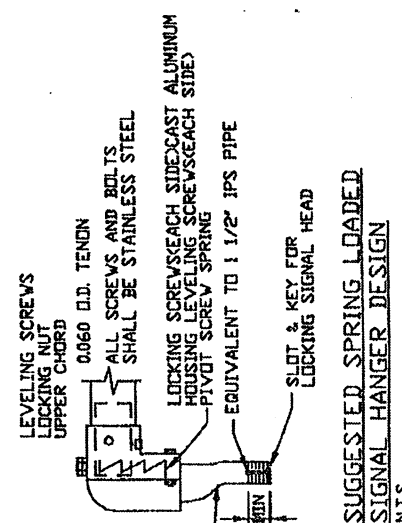
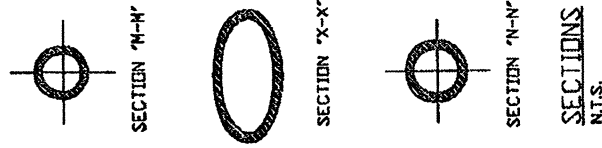
- 1- ALUMINUM MAST ARM AND POLE ASSEMBLY SHALL BE STRUCTURALLY DESIGNED BY MANUFACTURER TO WITHSTAND WINDSPEEDS OF 90 MPH. DESIGN PROCEDURE SHALL CONFORM TO AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINARIES AND TRAFFIC SIGNALS, WITH THE EXCEPTION THAT ICE LOAD DESCRIBED IN ARTICLE 1.2.3 WILL NOT BE CONSIDERED.
- 2- CONTRACTOR SHALL SUPPLY A COPY OF SHOP DRAWINGS INCLUDING STRUCTURAL DESIGN CALCULATIONS AS NOTED IN NOTE 1 ABOVE FOR APPROVAL BY ENGINEER.
- 3- LOCATION OF MAST ARM AND POLE ASSEMBLY SHALL BE FIELD CHECKED FOR ANY CONDITION THAT MAY AFFECT POLE PLACEMENT. WHEN CHANGES ARE NECESSARY, EXACT POLE LOCATION SHALL BE DETERMINED BY ENGINEER. IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO VERIFY POLE LENGTH.
- 4- SIGNAL WIRING SHALL BE COMPLETELY CONCEALED WITHIN SUPPORT ARM.
- 5- SIGNAL LENS HINGES SHALL BE INSTALLED ON UPPERMOST SIDE OF HORIZONTALLY MOUNTED FACE ON EACH SIGNAL SECTION A 1/4" DIAMETER DRAINAGE HOLE SHALL BE DRILLED ON LOWEST SIDE OF CASTING TO PREVENT RAINFALL ACCUMULATION.



ALUMINUM MAST ARM & POLE ASSEMBLY HORIZONTAL MOUNT N.T.S.

ALUMINUM MAST ARM & POLE ASSEMBLY N.T.S.

SPRING LOADED HANGER DESIGN TO BE APPROVED BY ENGINEER



NOTE:  
POLE MANUFACTURER SHALL DETERMINE POLE DIAMETER GAUGE AND BOLT CIRCLE AND ANCHOR BOLT DATA SIZE & LENGTH TO WITHSTAND LOADS DUE TO WIND, SIGNAL MOUNTING, ETC. AS OUTLINED ON SPECIFICATIONS.

EFFECTIVE DATE: OCTOBER 1997

COMMONWEALTH OF PUERTO RICO  
DEPARTMENT OF TRANSPORTATION  
AND PUBLIC WORKS  
HIGHWAY AND TRANSPORTATION AUTHORITY

RECOMMENDED BY: <i>[Signature]</i>		EXC. DIR. ASS. FOR TRAFFIC DATE: 11-20-97
APPROVED BY: <i>[Signature]</i>		EXECUTIVE DIRECTOR DATE: 11-20-97
APPROVED BY: <i>[Signature]</i>		DIV. ADM. FHWA PR DIVISION DATE: 11-15-97
DATE	REVISION	BY
		TRSI
		3 OF 14

TRAFFIC SIGNALS  
MAST ARM MOUNTING

STD. DWG.