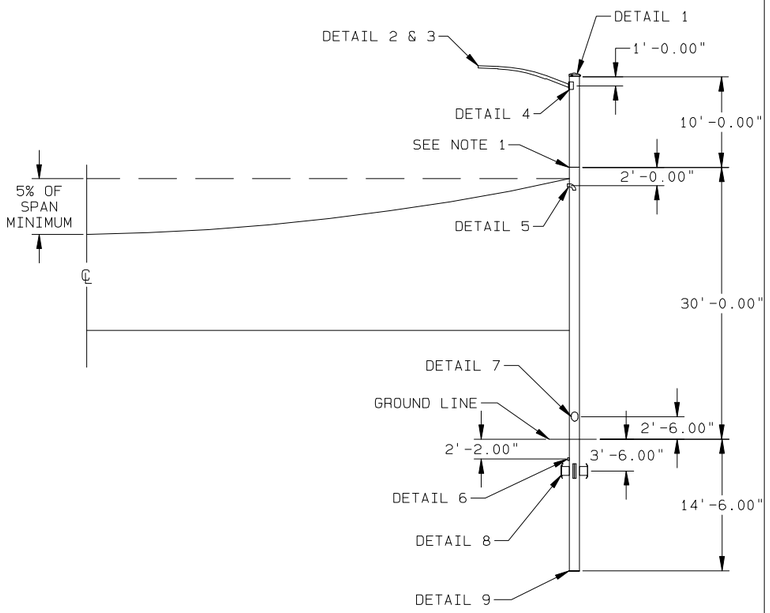
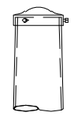
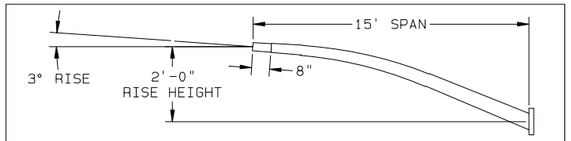


SPAN WIRE STRUCTURE

REMOVABLE TOP CAP SUPPLIED W/(4)-0.25" STAINLESS STEEL SET SCREWS

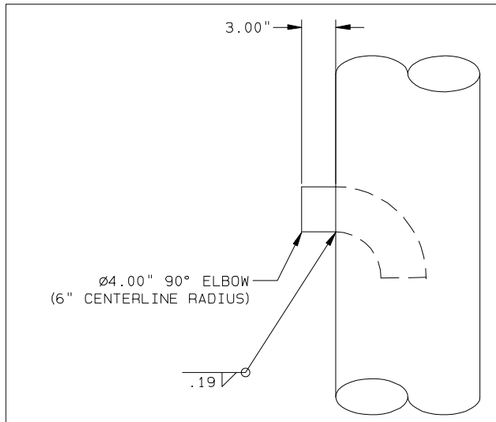


DETAIL 1 | POLE TOP CAP

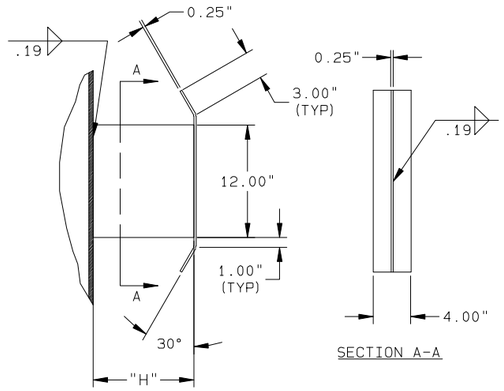


15' ARM - 5.03" BASE DIA. X 3.00" END DIA. X 14'-6.35" LONG X 7 GA. SHAFT.

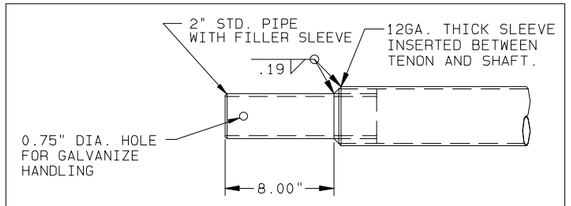
DETAIL 2 | LUMINAIRE ARM DATA



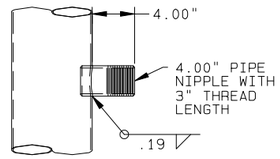
DETAIL 5 | CONTROL CABLE PENETRATION



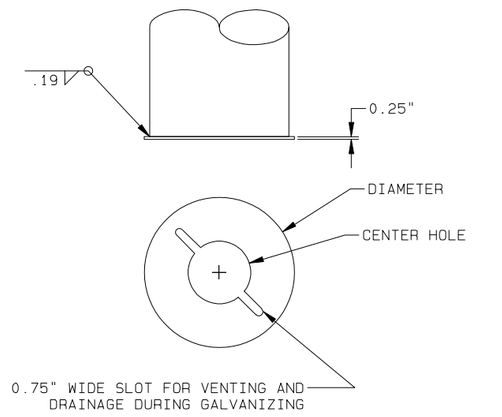
DETAIL 8 | SHOE AND FIN PLATES



DETAIL 3 | LUMINAIRE ARM END TENON



DETAIL 6 | NIPPLE



DETAIL 9 | BEARING PLATE

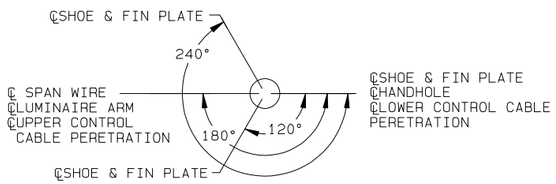
MATERIAL DATA

COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)
POLE SHAFT	A53 GR. B OR A500 GR. B	35
LUMINAIRE TUBE	A595 GR.A	55
LUMINAIRE SIMPLEX	A36	36
SHOE/FIN PLATES	A36	36
BEARING PLATE	A36	36
GALVANIZING-HARDWARE	F2329	

FINISH DATA

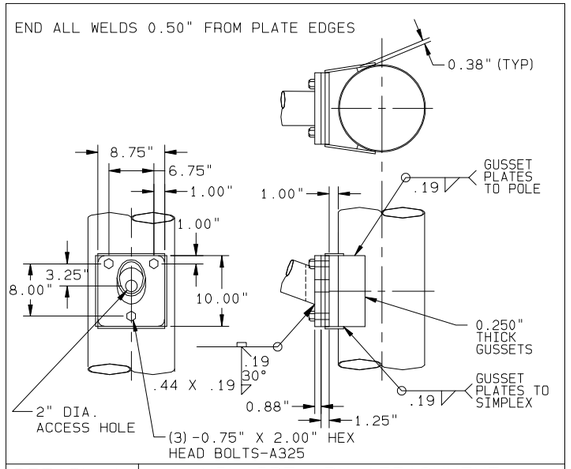
SYSTEM: CUSTOMER SPECIFIED
BASE COAT: HOT-DIP GALVANIZED TO ASTM A123
PRIME COAT: HIGH BUILD EPOXY POWDER
FINISH COAT: TGIC POWDER
COLOR: BLACK
SPEC: F-540K

ALL ANGLES MEASURED CLOCKWISE FROM HANDHOLE AS VIEWED FROM SMALL END OF POLE

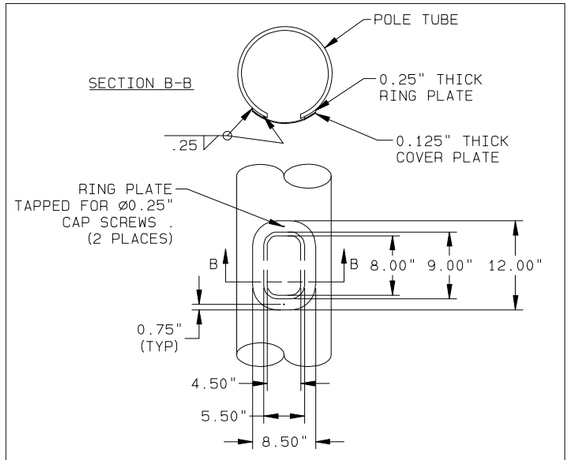


RADIAL INDEX

END ALL WELDS 0.50" FROM PLATE EDGES



DETAIL 4 | LUMINAIRE ARM ATTACHMENT



DETAIL 7 | HANDHOLE

SPAN WIRE POLE SCHEDULE

POLE DESIGNATION		POLE DATA				BEARING PLATE		SHOE & FIN "H" (IN)	EXTENSION DATA				LUMINAIRE LENGTH (FT)
POLE SERIES	QTY.	BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	GAUGE OR THK. (IN)	DIA. (IN)	CENTER HOLE (IN)		BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	GAUGE OR THK. (IN)	
54.5' TALL SPAN WIRE POLE WITH 15'LMA	4	20.00	20.00	44.50	0.500	21.00	13.00	7.13	20.00	20.00	10.00	0.500	15.00

NOTES:
1. EXTENSION TO BE FIELD WELDED. A 0.25" X 1.25" BACKING RING SHALL BE PROVIDED.
2. HOLE FOR SPAN WIRE ATTACHMENT SHALL BE FIELD DRILLED. EYEBOLTS AND HARDWARE PROVIDED BY OTHERS.

Approved
By:Jeff Rice
Date:11/14/2020
El Paso County Planning & Community Development

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