

ATTACHMENTS: THE POLE CAN ALSO SUPPORT AN EV CHARGER/BRACKET (65LB MAX) AND/OR MEDALLION (10LB MAX).

SHAFT: 5" O.D. (11 GAGE WALL) STEEL POLE. CONFORM TO ASTM A500/A500M GRADE C, FY=46 KSI--COMMON

ANCHOR BASE: .750" THICK STEEL. ANCHOR BASE IS CIRCUMFERENTIALLY WELDED TO SHAFT WITH 1/4" FILLET WELD ON BOTH SIDES. CONFORM TO ASTM A53/A53M, FY=35 KSI.

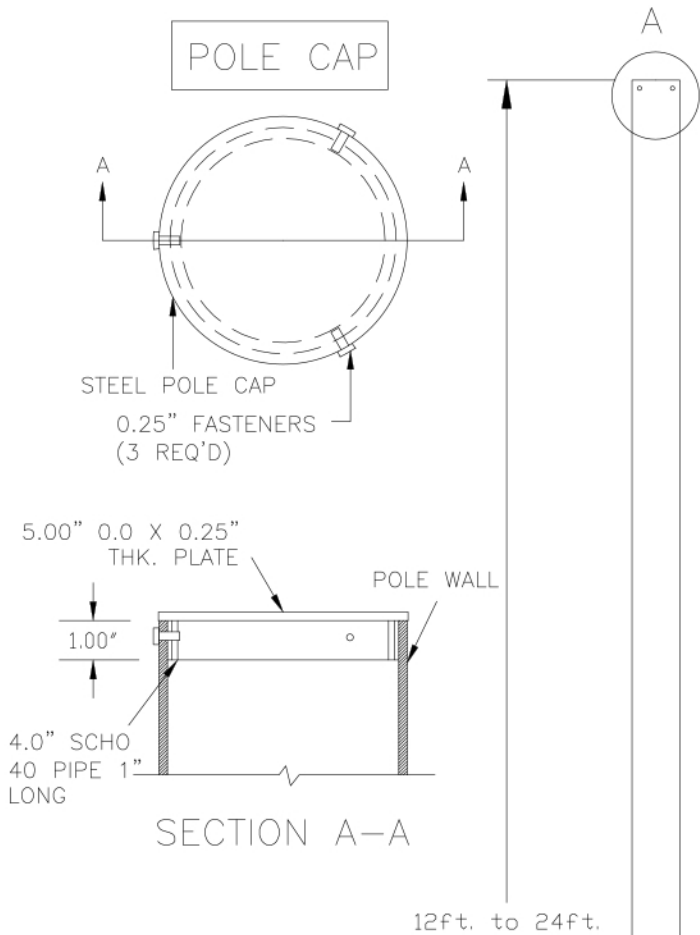
BASE COVER: TWO PIECE, HEAVY WALL POWDERCOATED CAST ALUMINUM CONSTRUCTION ENTIRELY CONCEALING ANCHOR BASE.

ANCHORAGE: (4) 3/4" X 24" FULLY GALVANIZED ANCHOR BOLTS. EACH BOLT SUPPLIED WITH NUTS AND TWO WASHERS. WASHERS: ASTM F436
NUTS: ASTM A563
THREADED ROD: ASTM F1554 WITH YIELD STRENGTH (FY) 55 KSI.

- NOTES: 1) ALL EXTERIOR HARDWARE SHALL BE STAINLESS STEEL.
2) ASSEMBLY COMPLIES WITH AASHTO 2001 85MPH WIND SPEED.
3) ALL WELDS SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF AWS D1.1
4) TARGET STICKERS SUPPLIED TO COMPLY WITH NEMA & ANSI CODES.
5) TARGET STICKERS FIELD INSTALLED BY OTHERS.
6) STRUCTURE AND HARDWARE SHALL COMPLY WITH THE "SPECIFICATIONS FOR STRUCTURAL SUPPORTS OF HIGHWAYS SIGNS, LUMINAIRES AND TRAFFIC SIGNALS" AASHTO 1994
7) STEEL SHAFT TO BE HOT DIPPED GALVANIZED PER ASTM A123
8) ALL STEEL PARTS TO BE HOT DIPPED GALVANIZED PER ASTM A153
9) ALL CONCRETE STRENGTH (F'C) TO BE 4000 PSI IN 28 DAYS SHALL BE ACCORDANCE WITH ACI 314-18.
10) STRUCTURAL REINFORCING STEEL SHALL BE GRADE 60 AND MEET THE REQUIREMENTS OF ASTM A615.

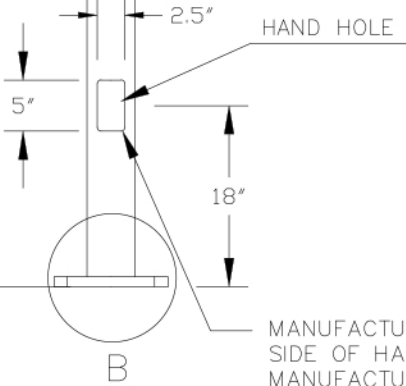
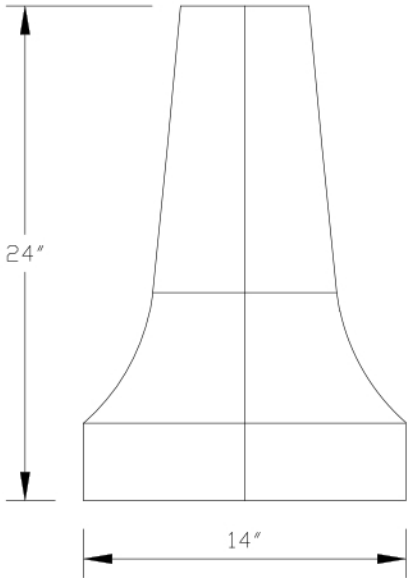
	Height (Required)	Luminaire Connection type (Required)	Options
CD970	- XX	- XX	- XX
	12 14 16 18 20* 22 24	PT (Post Top) SX (Simplex) SO (Slip On)	NH (No Handhole)

* MAXIMUM HEIGHT WITH DECORATIVE ARM AND PENDANT

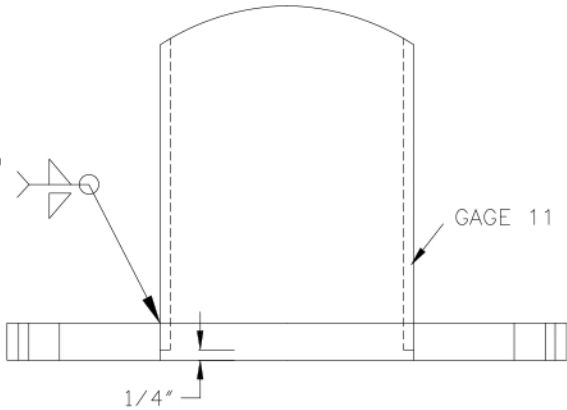


TWO PIECE ROUND BASE COVER
MADE FROM POWDERCOATED CAST
356 ALUMINUM, MECHANICALLY
FASTENED WITH STAINLESS STEEL
SCREWS

NOTE: OTHER BASE OPTIONS
ALLOWED ON A CASE-BY-CASE BASIS



1/4" FILLET WELD
ALL AROUND ON
BOTH SIDES




BUREAU OF STREET LIGHTING

DEPARTMENT OF PUBLIC WORKS

CITY OF LOS ANGELES

STANDARD PLAN- CD970

CHECKED FOR STRUCTURAL DESIGN SIGNATURE <u>RACD ABUOLHOSN</u> DATE <u>7/23/2020</u> BUREAU OF STREET LIGHTING, STRUCTURAL ENGINEER ASSOCIATE IV	REVISIONS				SUPERSEDES	REFERENCES
	NO.	DATE	DESCRIPTION	APPR		
APPROVED <u>07/23,2020</u> <u></u> DIRECTOR, BUREAU OF STREET LIGHTING	1	10/20/20	CERTIFICATIONS AND FOUNDATION CORRECTIONS	<u>Kerney Marine</u> 10/23/2020		
					SHEET 1 OF 2 SHEETS	

Technical drawing of a circular base plate. The drawing includes the following dimensions and annotations:

- Overall diameter: 3 ft
- Section line A-A is indicated on the left.
- Top-left corner: 90° arc, 10" vertical dimension.
- Top-right corner: 45° arc, 10" horizontal dimension.
- Material: 3/4" BASE PLATE
- Inner circular feature: R1" radius
- Central circular feature: $\phi 5"$ THRU HOLE
- Bottom-left circular feature: $\phi 9"$
- Bottom-right circular feature: $\phi 7-1/2"$
- Section line C-C is indicated on the right.

LEVELING NUT

BOLT 3/4"X24"

4" CAP

4"

3'-6"

1" CONDUIT MIN.

3#3 TIES ON TOP 2" O.C

8#4 VERTICAL BARS EQUALLY SPACED

#3 TIES 12" O.C

1" CONDUIT

(A) (B) (B)

24"

[illegible]

5'

14'

STUB ELECTRICAL CONDUIT 6" ABOVE FOOTING

4"

1" ELECTRICAL CONDUIT

BASE COVER

FINISHED GRADE

42"

2" DRAIN HOLE

UNIZED ANCHOR BOLTS
UFACTURER FOR

A diagram of a 36" SQ. concrete foundation. A 2" DRAIN HOLE is located in the center, marked with an 'X'. An ELECTRICAL CONDUIT is shown entering from the left side. Arrows point from the labels to the respective components.

SHEET 2 OF 2 SHEETS