

SPECIFICATIONS

CLAMP TYPE LUMINAIRE SUPPORT ARM ATTACHMENT SHALL BE FABRICATED FROM EXTRUDED ALUMINUM ALLOY 6063-T-6 AND WELDED TO LUMINAIRE SUPPORT ARMS.

WELDING SHALL BE IN ACCORDANCE WITH SECTION 1.5.3 OF AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNALS, LUMINAIRES AND TRAFFIC SIGNALS.

BOLTS AND NUTS SHALL BE FABRICATED FROM ANSI TYPE 300 SERIES STAINLESS STEEL ACCORDING TO ANSI B1.1.

WASHERS SHALL BE FABRICATED FROM AISI 300 SERIES STAINLESS STEEL ACCORDING TO THE REQUIREMENTS OF ANSI B18.21.1.

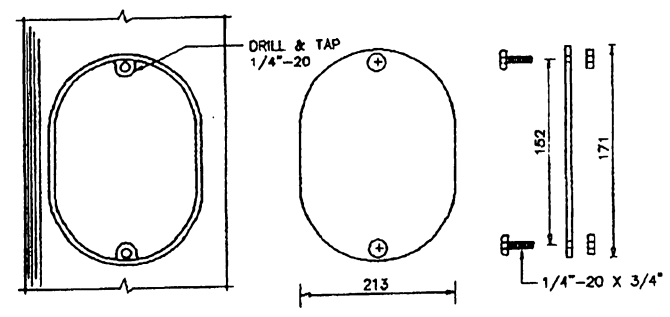
SUPPORT CLAMP BACK SHALL BE IDENTICAL TO LOWER MEMBER SUPPORT CLAMP. SINGLE MEMBER ARMS SHALL BE FURNISHED WITH ONE(1) CLAMP BACK, FOUR(4) BOLTS, FOUR(4) LOCK WASHERS, AND FOUR (4) NUTS.

TRUSS TYPE ARMS SHALL BE FURNISHED WITH TWO(2) CLAMP BACK, EIGHT(8) BOLTS EIGHT(8) LOCK WASHERS, AND EIGHT(8) NUTS.

CLAMP BACK SHALL BE NOT REQUIRED FOR TWIN ARM INSTALLATIONS.

SIZE AND SHAPE MAY VARY; THE PERFORMANCE INTENDED REMAINS.

**CLAMP TYPE
LUMINAIRE SUPPORT ARM ATTACHMENT DETAIL**



SPECIFICATIONS

HAND HOLE REINFORCEMENT SHALL BE FABRICATED FROM 3/16\"/>

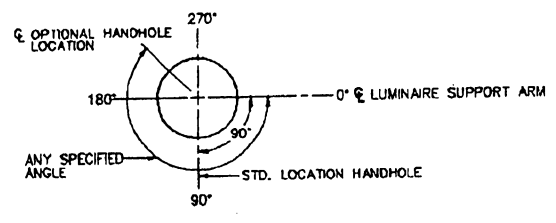
REINFORCEMENT SHALL BE WELDED TO THE POLE SHAFT IN THE 90° LOCATION OR IN THE SPECIFIED LOCATION (SEE NOTE NO. 4 OF DRAWING 10).

WELDING SHALL BE IN ACCORDANCE WITH SECTION 1.5.3 OF AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORT FOR HIGHWAY SIGNALS, LUMINAIRES, AND TRAFFIC SIGNALS.

TWO (2) ANSI TYPE 300 SERIES STAINLESS STEEL 1/4\"/>

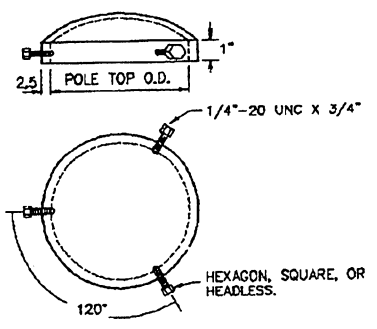
HANDHOLE COVER SHALL BE OF HIGH DENSITY PLASTIC WITH U.V. INHIBITORS.

HANDHOLE, COVER AND BOLTS DETAIL.



NOTES:

- 1- STANDARD HAND HOLE LOCATION SHALL BE 90° FROM LUMINAIRE SUPPORT ARM.
- 2- HAND HOLE ON POLES MOUNTED ON MEDIAN BARRIERS SHALL BE 0° FROM LUMINAIRE SUPPORT ARM.



SPECIFICATION

POLE TOP SHALL BE CAST FROM ALUMINUM ALLOY 356. DIMENSION SHOWN ON DRAWINGS ARE NOMINAL.

POLE TOP SHALL BE FURNISHED WITH THREE (3) 1/4\"/>

ANSI TYPE 300 SERIES STAINLESS STEEL SET SCREWS.

POLE TOP DETAIL

EFFECTIVE DATE: NOVEMBER 1996

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| COMMONWEALTH OF PUERTO RICO DEPARTMENT OF TRANSPORTATION AND PUBLIC WORKS HIGHWAY AND TRANSPORTATION AUTHORITY | | | |
| ARM SUPPORT & HAND HOLE DETAIL | | RECOMMENDED BY: <i>[Signature]</i> | DESIGN AREA DIRECTOR DATE: <i>11/27/96</i> |
| | | APPROVED BY: <i>[Signature]</i> | EXECUTIVE DIRECTOR DATE: <i>11/27/96</i> |
| | | APPROVED BY: <i>[Signature]</i> | DIST. ENG. SUPERINT. P.R.E.R.A. DATE: <i>11/27/96</i> |
| | | APPROVED BY: <i>[Signature]</i> | DIV. ADM. FEWA-PR DIVISION DATE: <i>11/27/96</i> |
| | | DATE | REVISION |
| | | | LS 7 OF 17 |