**MATERIAL SPECIFICATIONS**

- **POST:** ASTM A572 GR50 (USE/PLATE ASTM A572)
- **MAST ARM:** ASTM A572 GR50
- **MOUNTING PLATE:** ASTM A449

**ARMS**

- **100% FOR ALL WELDS VISUAL (UT) BASED ON ULTRASONIC PENETRATION 6" (UT) BASED ON RECYCLE 1 YEAR OF ALL WELDS PER ASTM A401**

**WELDING SPECIFICATION**

- **TUBE**: ASTM A578, A579, AND A574 FOR TUBES. MATERIAL (PER ASTM A53) FOR TUBES LESS THAN 2". LBS PER SQ FT (25%)

**STRUCTURE FINISH SPECIFICATION**

- **LUMINAIRE: 300,000 HOURS (3000 LUMENS)**

**DIA MFG:**

- **DESCRIPTION:**
  - **QTY:**
  - **ASSY FINISH:**
  - **IN HIGH LETTERS**
  - **SURE SECURED TO POST WITH (4) 3/8" DIA RIVETS**

**TOP VIEW ORIENTATION**

- **HANDHOLE MOUNTING**
  - **HEIGHT MUST BE SPECIFIED BASED ON BRIDGE BARRIER ELEVATION AND ANY OTHER VERTICAL RAILINGS**

**HANDHOLES**

- **NOTE FOR NOTE AT WELD SYMBOL, TAIL SEE WELDING PROCEDURE SPECIFICATION**

**MATERIALS**

- **POST:** ASTM A572 GR50 (USE/PLATE ASTM A572)
- **MOUNTING PLATE:** ASTM A449
- **ARMS:** ASTM A572 GR50

**DESIGN CRITERIA**

- **2013 AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS ON HIGHWAY BRIDGE LUMINARIES & TRANSPORTATION SIGNALS INCLUDING LATEST INTERVALS**

**WIND:**

- **10 MPH WITH A MEDIAN RECURRENCE INTERVAL OF 170 YEAR**

**FABRICATED**:

- **N/A**
- **N/A**
- **N/A**

**FINITE SIZE**

- **50'-0"**
- **10'-0"**
- **8'-0"**
- **6'-0"**

**TEAM:**

- **100% FOR ALL WELDS VISUAL (UT) BASED ON ULTRASONIC PENETRATION 6" (UT) BASED ON RECYCLE 1 YEAR OF ALL WELDS PER ASTM A401**

**DATE:**

- **8-18-20 (EXPRESSES 18-12-21)**

**MILLERBERNO**

- **PRODUCT NAME:**
  - **MFG:**
  - **DATE:**
  - **STATE:**

**SALES ORDER NO:**

- **74515**

**EST. WEIGHT:**

- **74515-WA-LP1-ELBOW**

**STATE OF WASHINGTON**

- **LIGHT POLES TYPE 1**

**PROJECT NAME:**

- **WA-LP1-ELBOW**

**PROJECT LOCATION:**

- **WA**

**OWN BY/EFF:**

- **REBEKAH**

**CHK BY:**

- **DATE:**
"M" DIA X 8 1/2" LG BOLTS
(A4M) GALV ANDED - FULLY
THREADED, EACH BOLT FURNISHED
WITH (2) HVY HEX NUTS, (2) PLATE WASHERS
AND (1) STANDARD ROUND WASHER.

3/16" X 4" STEEL BAND
TO FIT (3 REQTS)

3/8" X 5/8" SLANTED HOLE
(2 REQTS PER BAND)

1/2" WEEP HOLE
BOTTOM OF PIPE

TAPPED HOLE (TOP ELBOW
FLANGE) FOR 3/8" BOLT
(TYP 3 PLACES)

SECTION K-K
SCALE 1 : 8

4" TYP

1/4" TYP

10 3/8"