

BMC-2 FOUNDATION DETAIL

NO SCALE

FILE: CP-E-1.DWG



CITY OF
CENTRAL POINT
PUBLIC WORKS DEPARTMENT

UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

BMC-2 FOUNDATION

CHECKED	DATE
APPROVED	DATE
REVISED	DATE

E-1

DRAWING No.

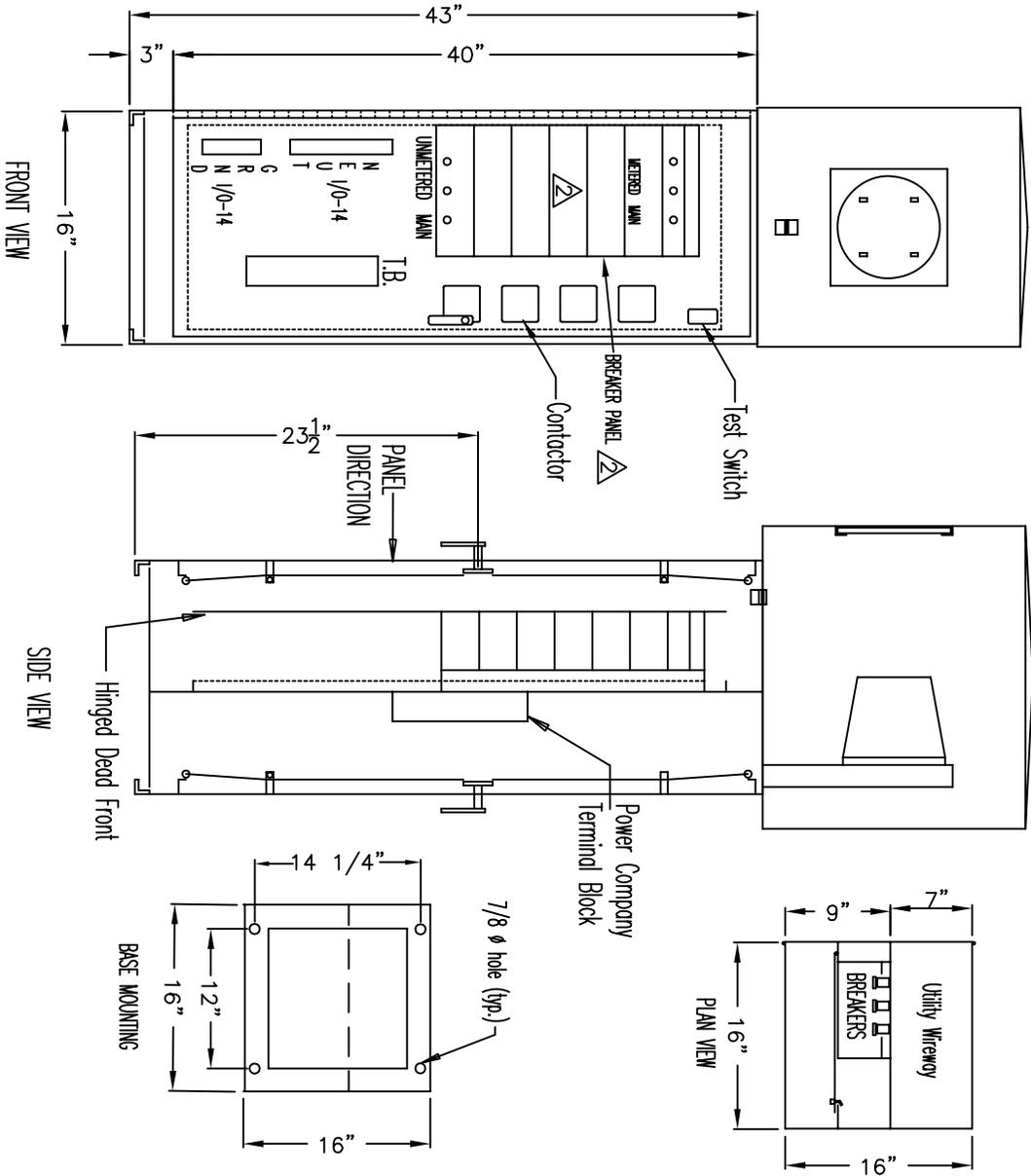
BMC-2 CABINET DETAILS

UNIFORM STANDARDS
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DETAILS

NEMA 3R CABINET

U.L. "PANEL BOARD SUITABLE FOR SERVICE EQUIPMENT"

ALL COPPER BUS, SILVER PLATED 130A

MAIN BREAKER:

GE TYPE TED
60 A 2 POLE 18,000 AC @ 480 V
60 A 1 POLE 14,000 AC @ 277 V
OR AS NOTED ON PLANS

SERVICE VOLTAGE: 120 / 240 V 1Ø

CIRCUIT BREAKERS:

GE TYPE TED AMPERAGES AS NOTED
480 V 2 P IN BREAKER PANEL
277 V 1 P

CONTACTORS: GE TYPE CR360L 30 A 2 P 120 V COIL

TEST SWITCH: HUBBELL 1221 20 A 120/277 V 1 P

METER BASE: CIRCLE AW 50250 200 AMP 4 IAW
WITH MANUAL BYPASS 600 V RATED

BMC - 2 CABINET DETAILS

Base mounted metered service cabinet
with power company entrance port

SPECS: BASE MOUNTED CABINET – BMC2

- 1 – BOX AND DEAD FRONT – 14 GAUGE 304, #4 STAINLESS STEEL, ALL SEAMS ARE WELDED. THE CABINET HAS A 1” OUTWARD FACING FLANGE ALL THE WAY AROUND BOTH OPENINGS. THE FLANGE IS GASKETED WITH A NEMA 4 UL RATED CLOSED CELL NEOPRENE SPONGE GASKET. THE TOP OF THE CABINET HAS A HINGED TOP COVER (see item 3 below), THAT OVERLAPS THE TOP OF THE CABINET ON THE SIDES AND THE REAR. THE FRONT RESTS ON A DRIP SHIELD ABOVE THE FRONT DOOR. THE WIRING ACCESS TO THE CABINET IS THROUGH THE BOTTOM, WHICH HAS AN INTERNAL STAINLESS STEEL ANGLE MOUNTING FRAME WELDED IN PLACE AND A REMOVABLE ACCESS PLATE.

- 2 – DOORS – MADE FROM 14 GAUGE 304, #4 STAINLESS STEEL. THE DOORS ARE FABRICATED WITH A 3/4” RETURN AND ARE SIZED TO FIT OVER THE CABINET OPENING WITH THE INSIDE SURFACE OF THE DOOR SEALING AGAINST THE GASKET. THE DOORS ARE HELD IN PLACE WITH A FULL LENGTH STAINLESS STEEL PIANO HINGE, A PADLOCKING HANDLE AND A 3 POINT LATCHING MECHANISM.

- 3 – HINGED TOP COVER – MADE FROM 12 GAUGE 304, #4 STAINLESS STEEL. THE FRONT OF THE COVER HAS A POLYCARBONATE VIEWING WINDOW THAT IS ATTACHED WITH TAMPER RESISTANT SCREWS AND SEALED WITH A SILICONE CAULKING. THE COVER HAS A STAINLESS STEEL HINGE SPOTWELDED TO THE REAR, BOTTOM EDGE WHICH IS THEN ATTACHED AT THE TOP REAR OF THE CABINET WITH TAMPER RESISTANT SCREWS.

- 4 – PAINT – THE OUTSIDE OF THE CABINET IS PRIME PAINTED WITH A VINYL WASH ETCHING PRIMER, THEN ONE COAT OF SHERWIN WILLIAMS SPRAYFILL PRIMER AND FINISHED WITH A TOPCOAT OF POLYURETHANE PAINT – CITY OF MEDFORD DARK BRONZE OR
 OR
 THE OUTSIDE OF THE CABINET IS ELECTROSTATICALLY POWDER COATED – CITY OF MEDFORD DARK BRONZE OR IF SPECIAL PROVISIONS REQUIRE – BLACK.

FILE: CP-E-3.DWG

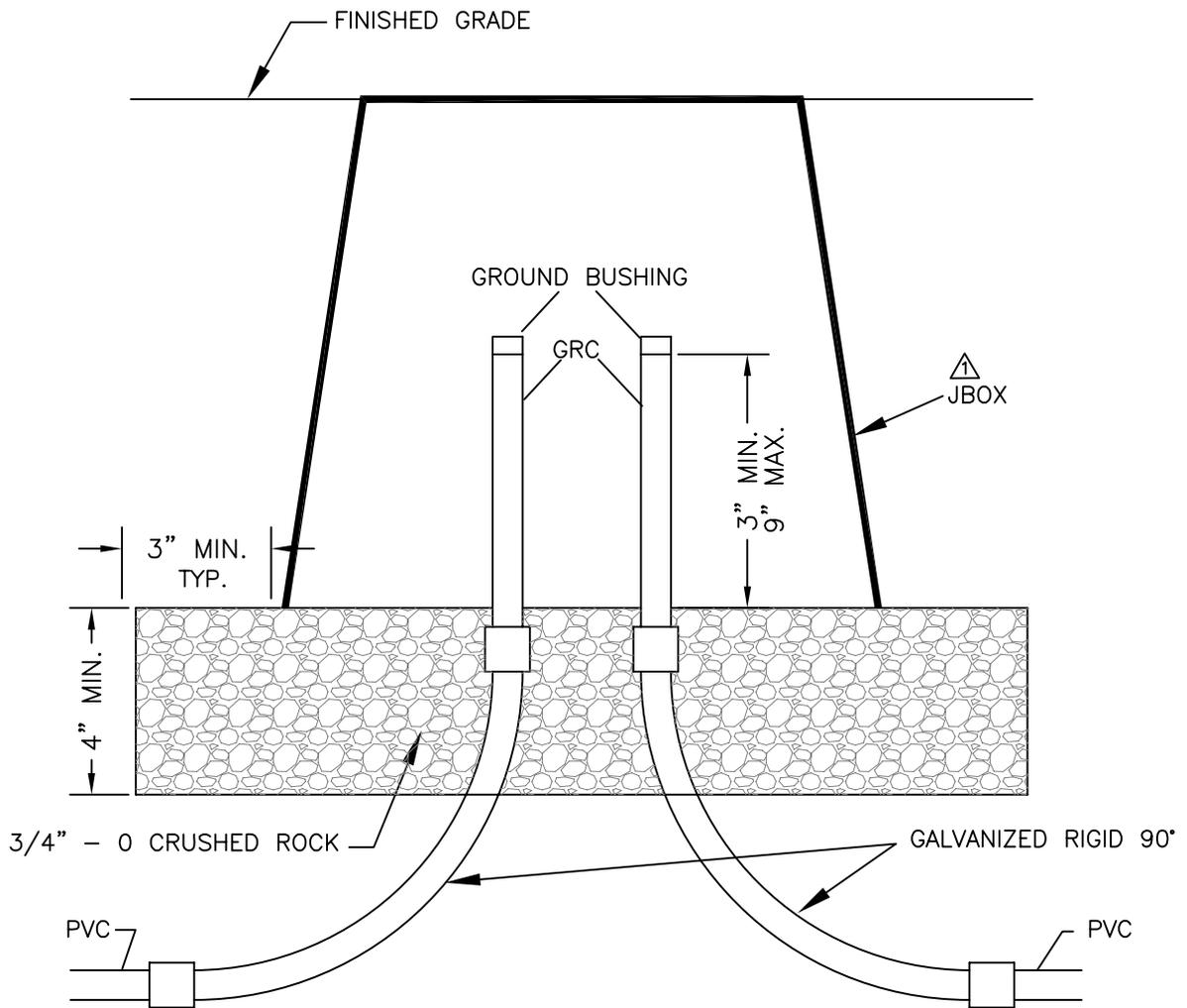


UNIFORM STANDARDS FOR PUBLIC WORKS CONSTRUCTION	
BMC - 2 SPECIFICATIONS	

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JUNCTION BOX INSTALLATION

NOTES:

- 1) ILLUMINATION CIRCUITS SHALL BE SPLICED ACCORDING TO CITY OF CENTRAL POINT STANDARDS.
- 2) NUMBER OF CONDUITS SHALL BE ACCORDING TO ILLUMINATION PLANS.
- 3) DUCT SEAL IN ENDS OF CONDUIT.

1 4) PER NEC 250.80EX, END OF CONDUIT SHALL HAVE GROUND BUSHING IF LESS THAN 18" OF COVER FROM TOP OF GALVANIZED ELBOW.

FILE: CP-E-5.DWG



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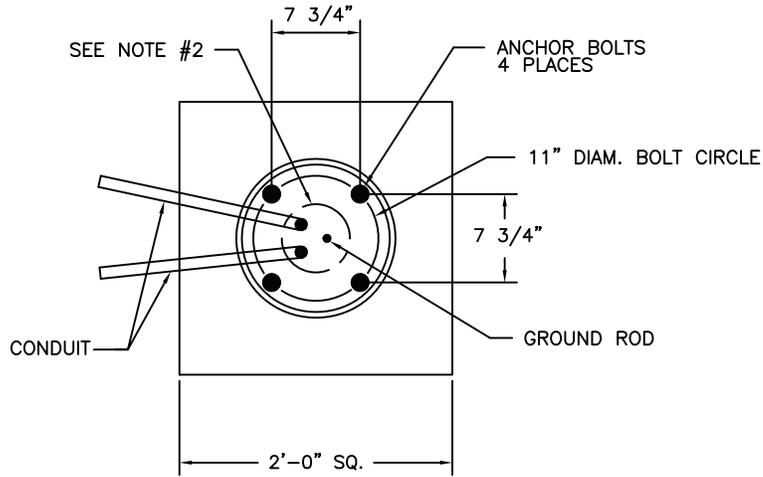
UNIFORM STANDARDS
FOR
PUBLIC WORKS CONSTRUCTION

JUNCTION BOX INSTALLATION

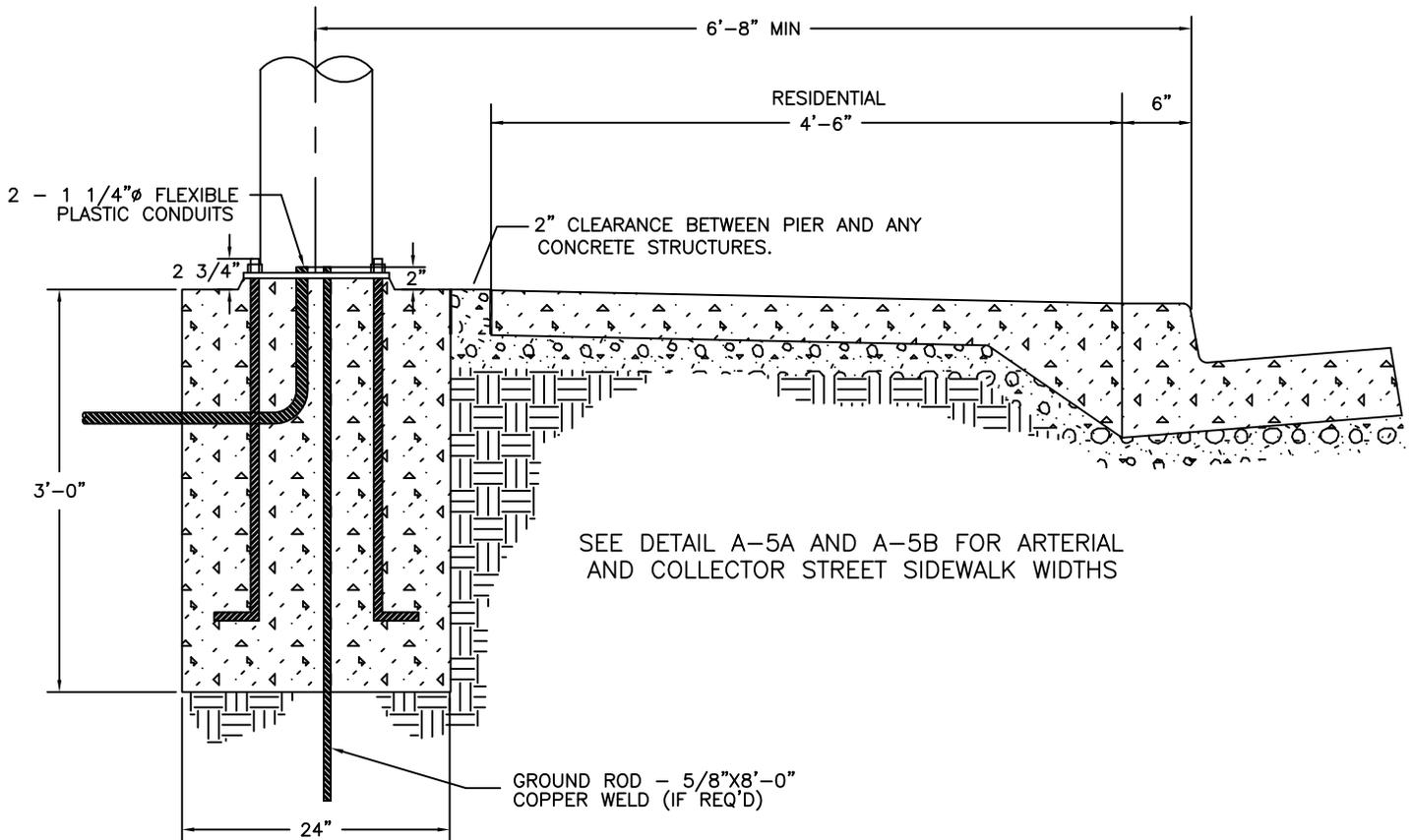
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BASE PLATE DETAIL



COBRA HEAD STREETLIGHT FOUNDATION

NOTES

1. ALL CONCRETE SHALL BE MINIMUM 3300 P.S.I. IN 28 DAYS.
2. PLASTIC CONDUITS AND GROUND ROD MUST BE WITHIN A 3" RADIUS OF THE CENTER OF THE BOLT CIRCLE.
3. CONDUIT, GROUND ROD, ANCHOR BOLTS, AND BOLT TEMPLATE FURNISHED BY PP&L.

FILE: CP-SL-02.DWG



CITY OF
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UNIFORM STANDARDS
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COBRA HEAD STREETLIGHT FOUNDATION

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