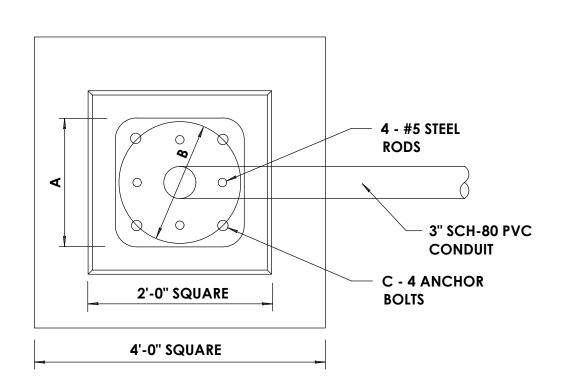


#### NOTES:

- 1. TOP OF SIGNAL HEAD ATTACHMENT POINT TO BE SEALED WITH SILICONE TO PREVENT WEATHER INTRUSION.
- 2. HOLE IN MAST ARM TO HAVE RUBBER BUSHING TO PREVENT CABLE CHAFFING.
- 3. DRIP LOOP REQUIRED IN CABLE BETWEEN MAST ARM AND SIGNAL HEAD.
- 4. CABLE CLAMP AND ASSOCIATED HARDWARE TO BE TORQUED PER MANUFACTURER SPECIFICATIONS.
- 5. CORD CONNECTOR OR STRAIN RELIEF REQUIRED WHERE CABLE ENTERS THE SIGNAL HEAD

# RIGID SIGNAL HEAD MOUNTING - REAR VIEW MCDOT DETAIL - REV. 10/20/2023



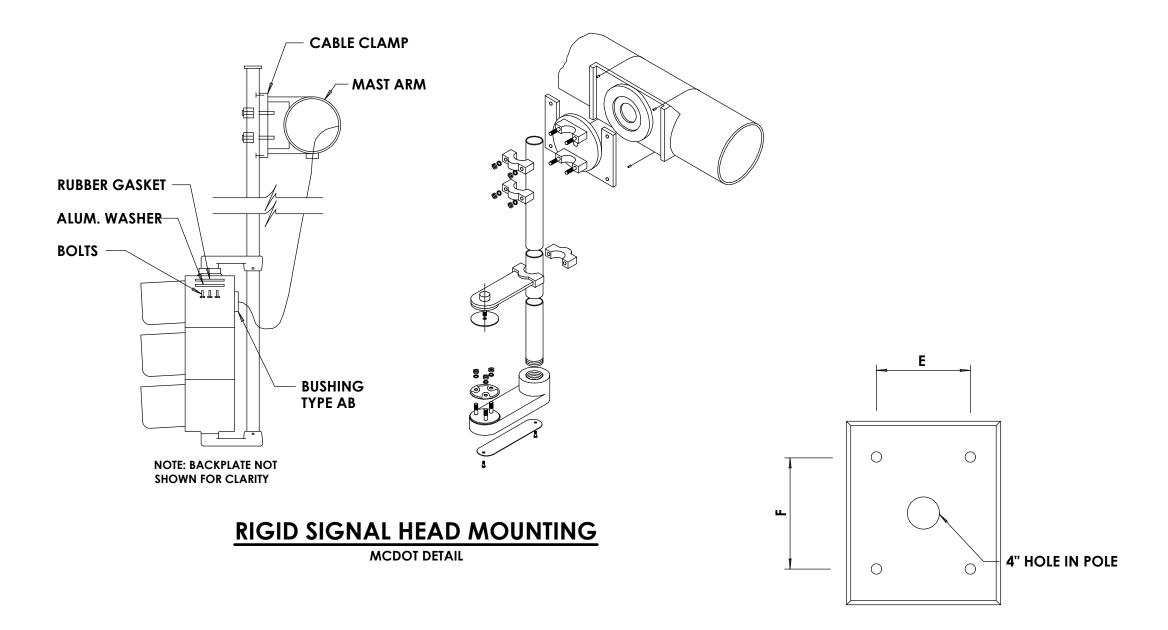
FLANGE	Α	В	С
"C"	15-5/8"	15"	1-3/4" x 90"
"Y"	14-1/8"	13 1/2"	1-1/2" x 60"
"Z"	18"	18"	1-3/4" x 90"

#### NOTES:

- CONDUIT SHALL BE 4" STEEL WITH POLE USED FOR "J" CABINET INSTALLATION.
   FOR ADDITIONAL DETAILS, REFER TO SIGNAL POLE INSTALLATION DETAIL.
- 3. ANCHOR BOLT CIRCLE MUST MATCH ONE OF THE SIZES SHOWN ABOVE.

# **CONCRETE SIGNAL POLE BASE-PLAN VIEW**

MCDOT DETAIL - REV. 8/28/2023

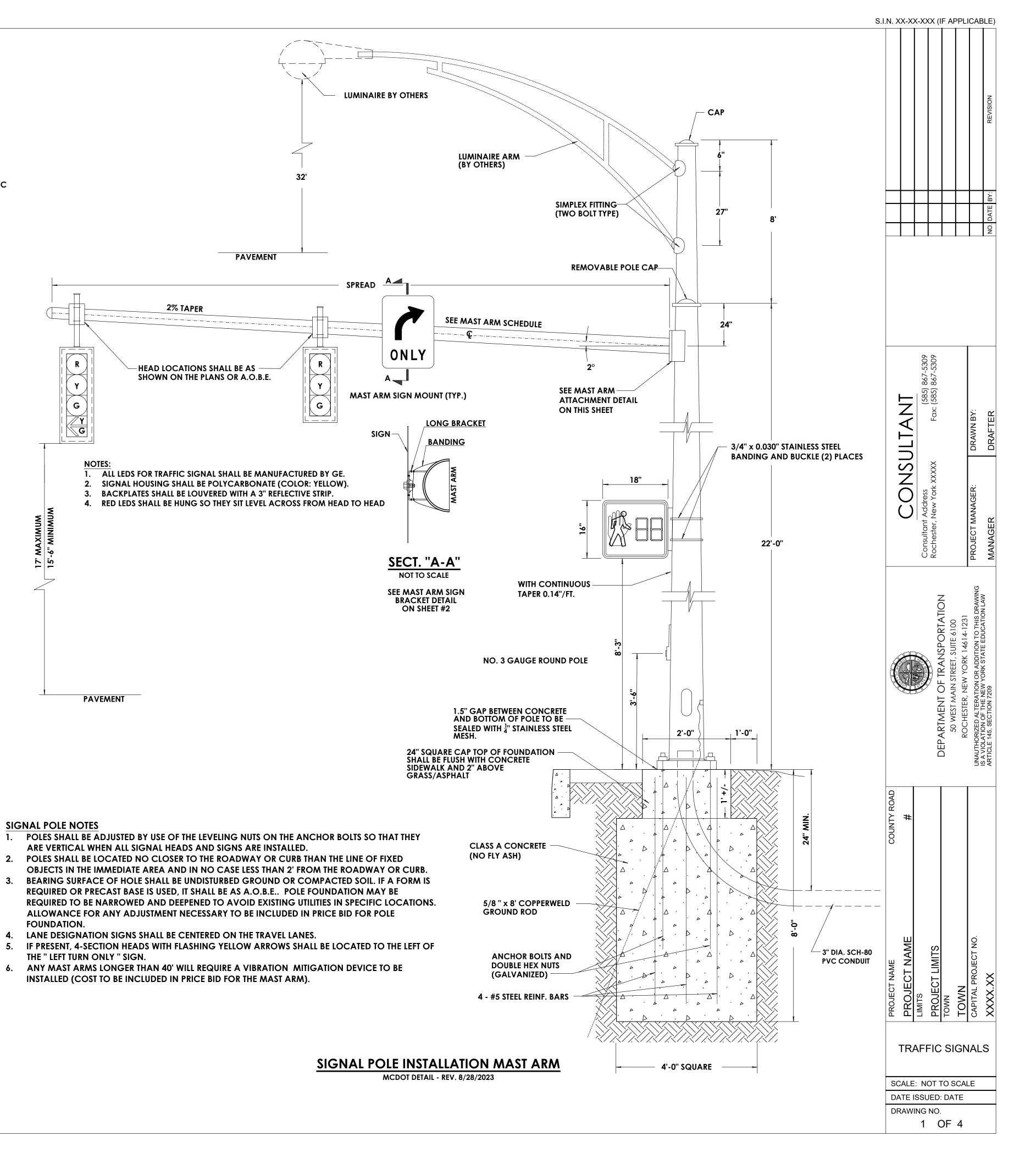


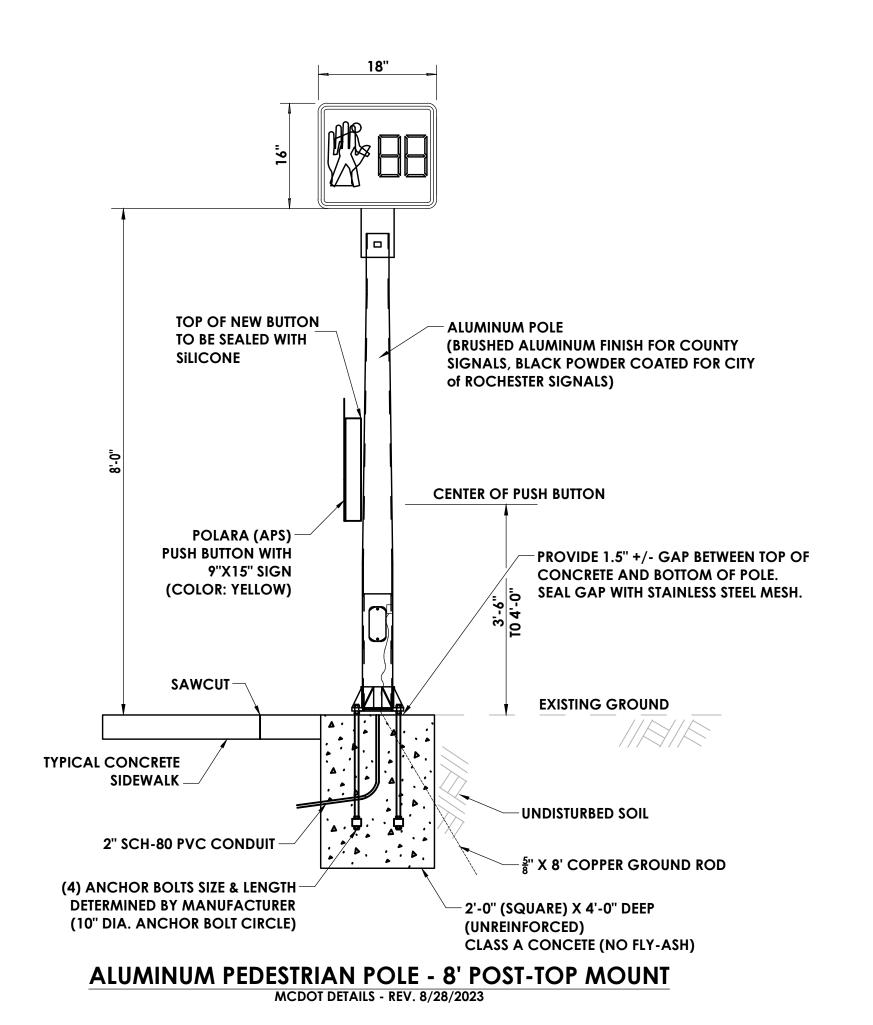
FLANGE	E	F	PLATE DIMENSIONS
"1"	5-1/2"	10"	9-1/4" x 13"
"2"	8"	13"	13" x 18"
"3"	15"	15"	19.25 x 19.25"

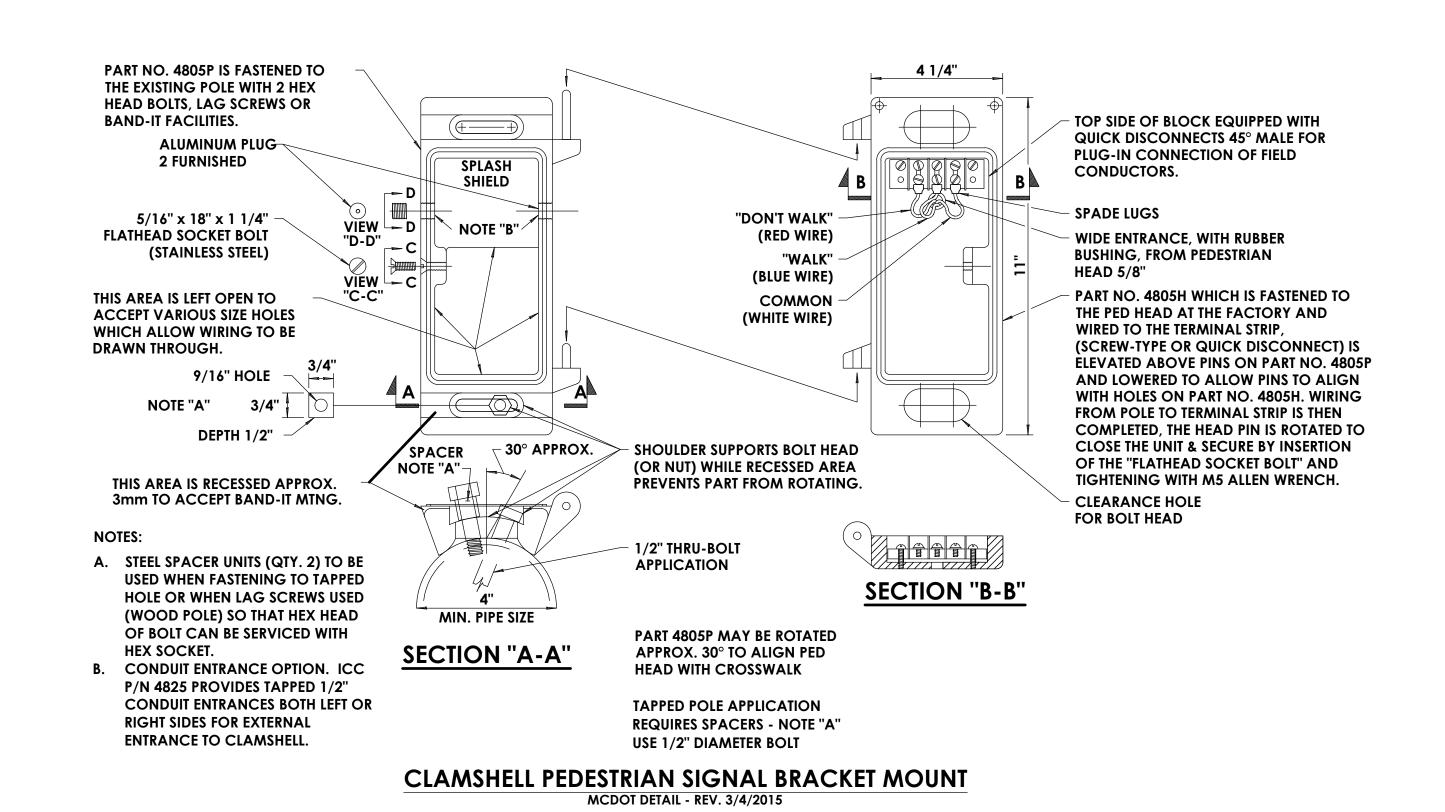
## NOTES

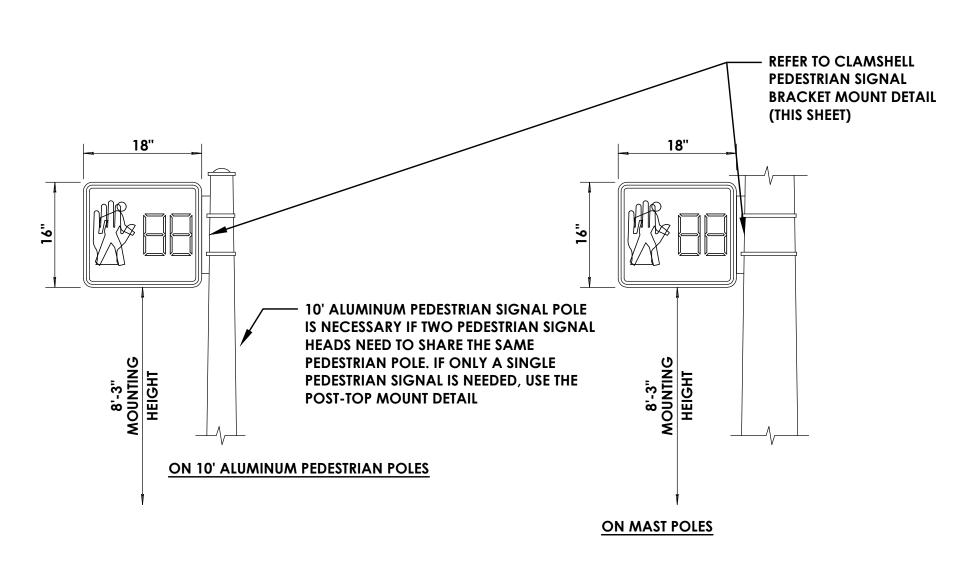
- 1. 1-3/8" HOLES IN ARM PLATE FOR 1-1/4" X 3" BOLTS
- (BOLTS FURNISHED WITH ARM DESIGN).
  2. ALL ARM PLATES SHALL BE 1-1/4".



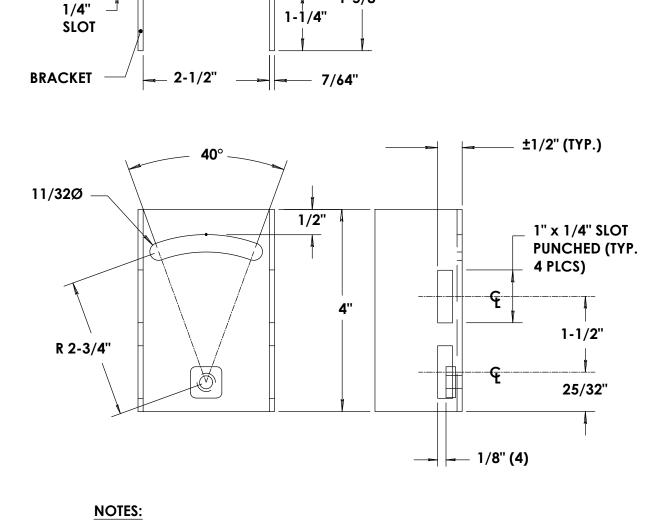












1-5/8"

BANDING MUST BE

ABLE TO FLEX AND

**CLEAR SLOTTED NUT** 

WP 2701 OHIO

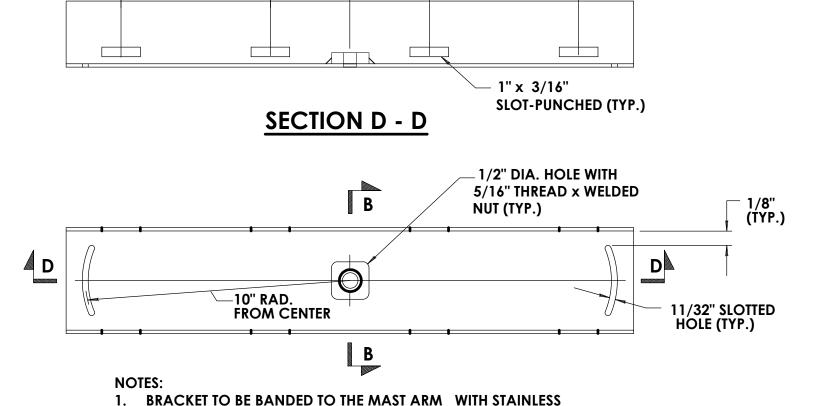
WELD NUT 5/16"

THREAD

## BRACKET TO BE BANDED TO THE MAST ARM WITH STAINLESS STEEL BANDING MATERIAL. (3/4" WIDE x .020 GAUGE)

2. BRACKETS SHALL BE 12 GAUGE GALVANIZED STEEL 3. SHORT BRACKET FOR STREET NAME SIGNS (USE 2 BRACKETS FOR SIGNS UP TO 4' LONG. USE 3 BRACKETS(min) FOR 4' OR LONGER. USE SLOTS FOR BRACKETS AN ENDS TO ENSURE SIGN IS LEVEL.)

### **MAST ARM SIGN BRACKET - SHORT** MCDOT DETAIL



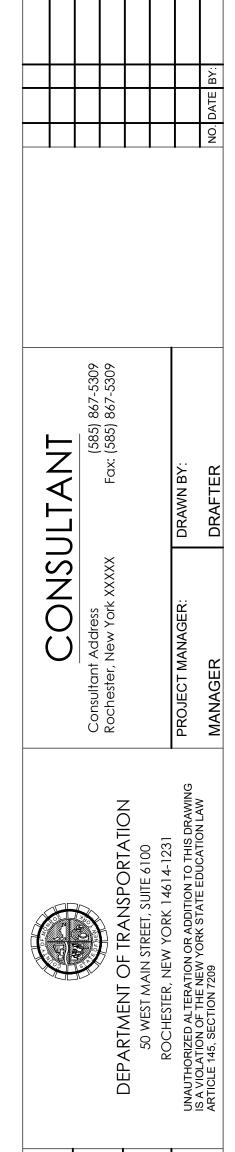
1. BRACKET TO BE BANDED TO THE MAST ARM WITH STAINLESS STEEL BANDING MATERIAL. (3/4" WIDE x 0.015" THICK)

2. BRACKET SHALL BE 12 GAUGE GALVANIZED STEEL 3. LONG BRACKET FOR LARGE SIGN (USE 4 BANDS PER BRACKET)

22"



MCDOT DETAIL



S.I.N. XX-XX-XXX (IF APPLICABLE)

**BANDING** 

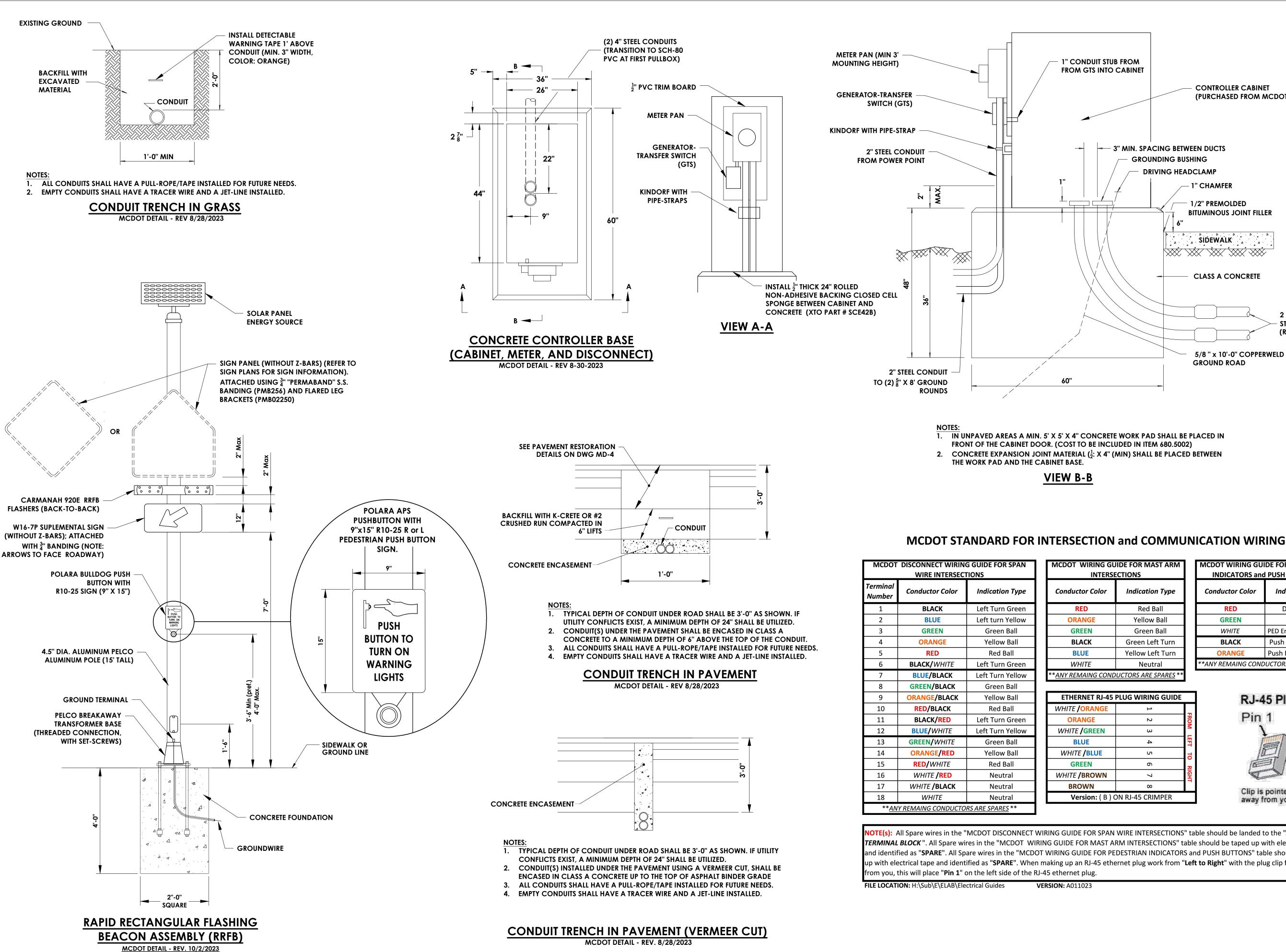
1 5/8"

**SECTION B - B** 

SCALE: NOT TO SCALE DATE ISSUED: DATE DRAWING NO.

2 OF 4

TRAFFIC SIGNALS



S.I.N. XX-XX-XXX (IF APPLICABLE) 867-5309 867-5309

ONSUL

PROJECT NAME

RJ-45 Plug away from you.

MCDOT WIRING GUIDE FOR PEDESTRIAN

**INDICATORS and PUSH BUTTONS** 

\*\*ANY REMAING CONDUCTORS ARE SPARES\*

**Indication Type** 

Don't Walk

Walk

**PED Enclosure Neutra** 

**Push Button Power** 

**Push Button Neutra** 

**Conductor Color** 

GREEN

WHITE

**BLACK** 

CONTROLLER CABINET

- 1" CHAMFER

1/2" PREMOLDED

SIDEWALK

**CLASS A CONCRETE** 

5/8 " x 10'-0" COPPERWELD

**GROUND ROAD** 

STEEL CONDUITS

(R=24" MIN.)

**BITUMINOUS JOINT FILLER** 

(PURCHASED FROM MCDOT)

IOTE(s): All Spare wires in the "MCDOT DISCONNECT WIRING GUIDE FOR SPAN WIRE INTERSECTIONS" table should be landed to the "DISCONNECT TERMINAL BLOCK". All Spare wires in the "MCDOT WIRING GUIDE FOR MAST ARM INTERSECTIONS" table should be taped up with electrical tape and identified as "SPARE". All Spare wires in the "MCDOT WIRING GUIDE FOR PEDESTRIAN INDICATORS and PUSH BUTTONS" table should be taped up with electrical tape and identified as "SPARE". When making up an RJ-45 ethernet plug work from "Left to Right" with the plug clip facing away

SCALE: NOT TO SCALE

DATE ISSUED: DATE

TRAFFIC SIGNALS

DRAWING NO. 3 OF 4

