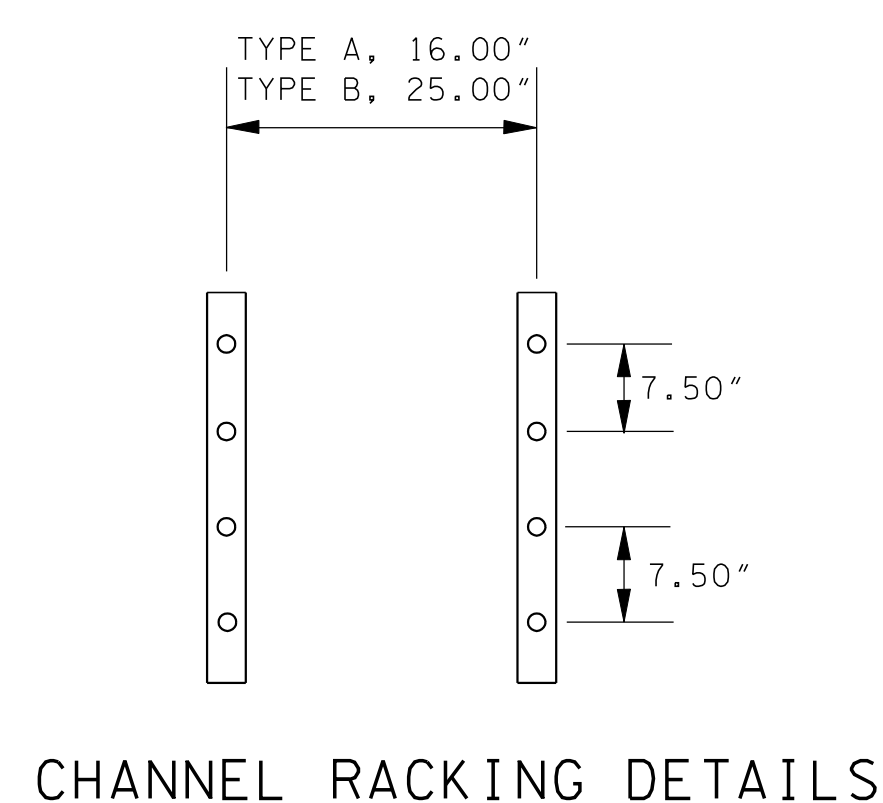
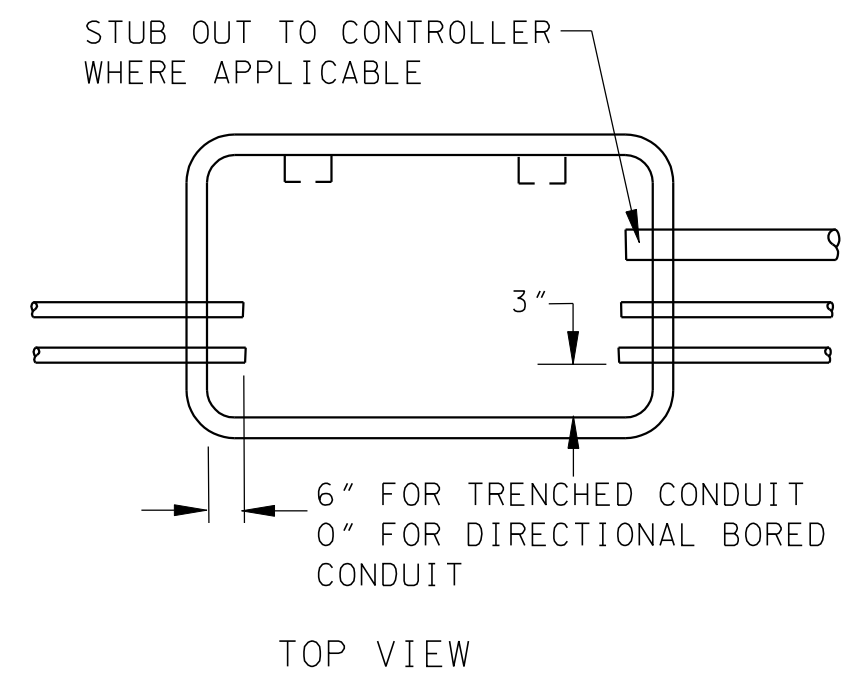


FIBER OPTIC PULLBOX
MINIMUM DIMENSIONS

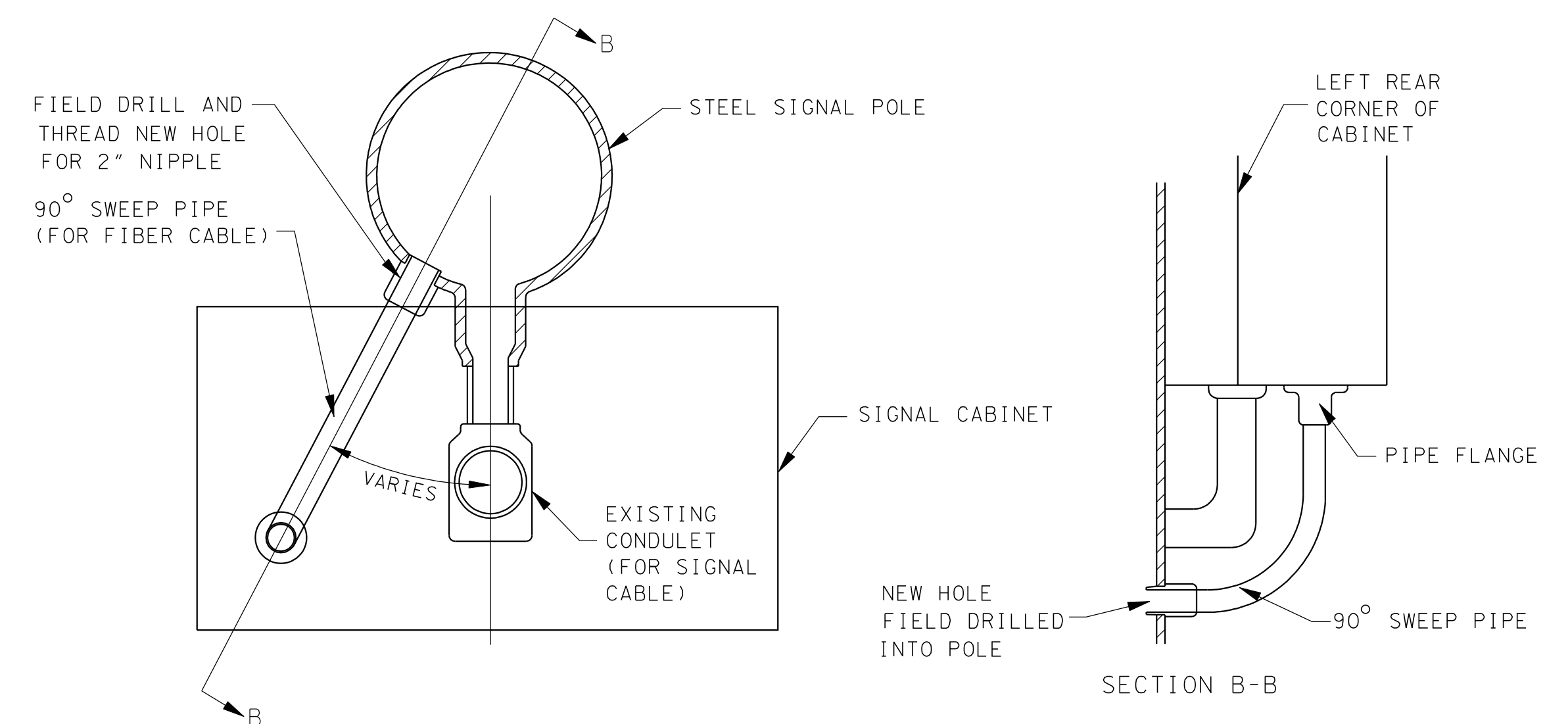
TYPE	LENGTH	WIDTH	DEPTH
A	36"	26"	32"
B	49"	32"	36"

TYPE "A" FIBER OPTIC PULLBOXES ARE TO BE USED WHEN NO SPLICING IS REQUIRED IN THE PULLBOX.
TYPE "B" FIBER OPTIC PULLBOXES ARE TO BE USED WHEN SPLICING IS REQUIRED IN THE PULLBOX.



CHANNEL RACKING DETAILS

- NOTES:
1. INSERTS TO BE CENTERED ON ONE WALL OF TYPE A & B BOXES, 5.625" FROM THE TOP OF EACH BOX.
 2. TWO PIECE STEEL PIERCED CHANNEL 22" LONG. (UNISTRUT NO. P1000-H3 OR EQUAL) TO BE SUPPLIED WITH EACH BOX. CHANNEL TO BE PIERCED ON THREE SIDES.
 3. BOLTS TO BE 1/2" x 3/4" LONG STAINLESS STEEL. 1/8" SPACERS TO BE PLACED BETWEEN CHANNELS AND WALL OF PULL BOX.
 4. CHANNEL RACKING TO BE FACTORY INSTALLED.



DETAIL OF NEW CONDUIT SWEEP INTO BOTTOM OF POLE MOUNTED CABINET ON STEEL OR CONCRETE POLE

FIBER OPTIC PULLBOX DETAILS
(TYPICAL)

- NOTES:
1. NOTCHES SHALL BE PROVIDED FOR REMOVING THE COVER.
 2. COVER SHALL BOLT DOWN.
 3. THE MESSAGE "TRAFFIC SIGNAL" IS TO BE INSCRIBED ON TOP OF THE COVER.
 4. ASSEMBLY SHALL BE RATED FOR A MINIMUM STATIC LOAD OF 15,000 lbs OVER A 10"x10" AREA AND PASS MINIMUM STATIC TEST LOAD OF 22,000 lbs.
 5. CONDUIT TO USE LARGE RADIUS BENDS.
 6. TYPE B COVER TO BE 2 PIECES.
 7. INSTALL CONDUIT OPPOSITE OF CHANNEL RACKING.
 8. INSTALL INCOMING CONDUIT BOTH VERTICALLY AND HORIZONTALLY PARALLEL TO CORRESPONDING EXITING CONDUIT.
 9. GROUT COMPLETELY AROUND ALL CONDUIT ENTRIES TO THE FULL THICKNESS OF THE BOX WALL.
 10. ALL CONDUIT SHALL ENTER THE PULL BOX LEVEL, STRAIGHT AND PERPENDICULAR TO THE WALL OF THE PULL BOX.
 11. CONDUIT SHALL SLOPE AWAY FROM SIDES OF PULL BOX TO BORE OR TRENCH GRADE.

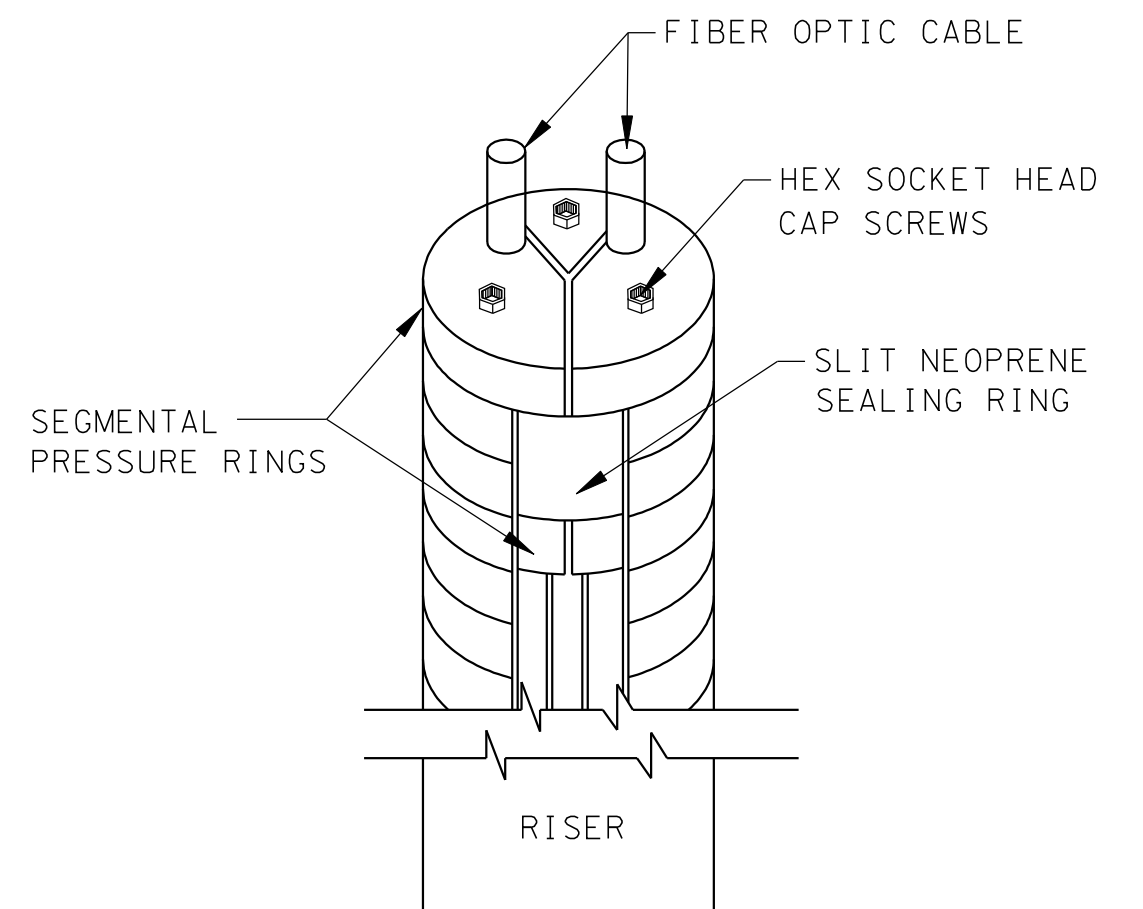
GENERAL NOTES

Ⓐ CONDUIT FOR FIBER OPTIC CABLE REQUIRED TO UTILIZE LARGE RADIUS BENDS (MINIMUM RADIUS 6 INCHES). NO ELBOW JOINTS ALLOWED.

Ⓑ FIBER OPTIC CABLE RUNS TO UTILIZE MIN. 1.5" CONDUIT.

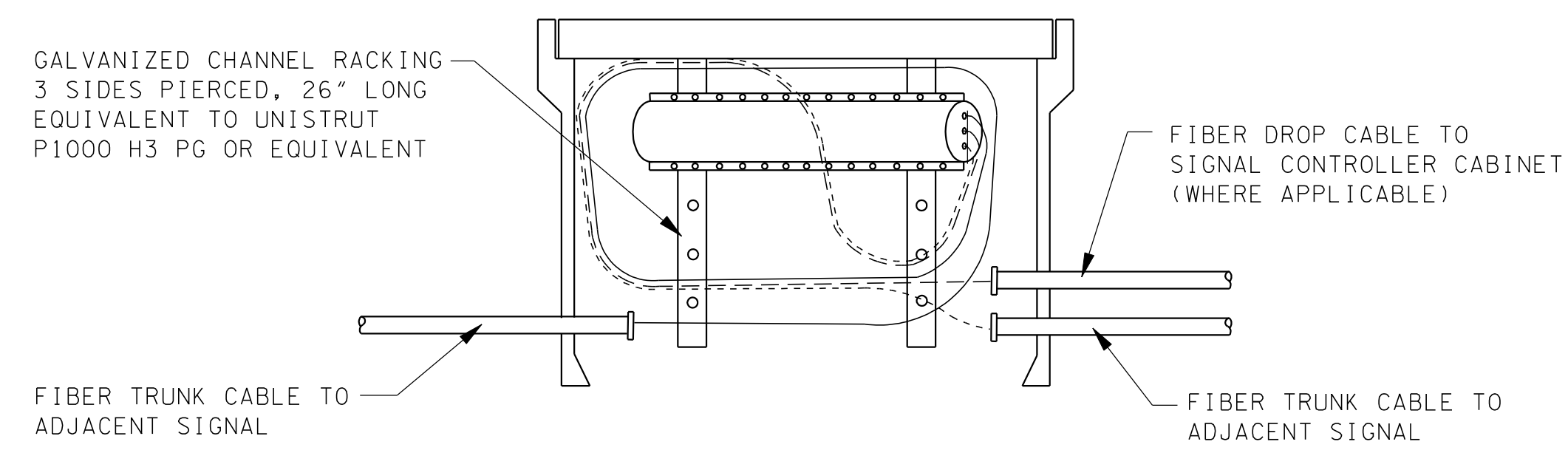
Ⓒ WHEN EXISTING PULLBOXES ARE TO BE REPLACED BY LARGER FIBER OPTIC PULLBOXES, THE COST OF REMOVAL TO BE INCLUDED IN ITEM FOR PULLBOX.

Ⓓ THE COST OF ALL MODIFICATIONS, ADJUSTMENTS, MATERIALS, MOUNTING HARDWARE, ETC. TO BE INCLUDED IN OTHER ITEMS, UNLESS A DIRECT PAY ITEM IS PROVIDED.



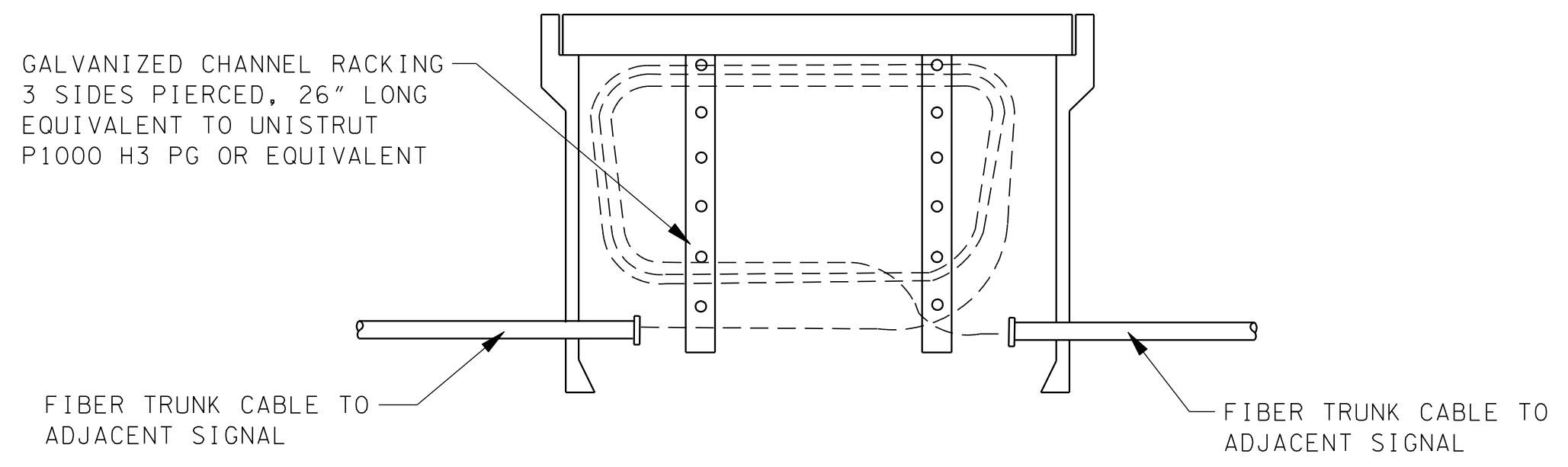
RISER SEALING BUSHING FOR FIBER OPTIC CABLE

NOTE: TOP OF BUSHING SHALL BE APPROXIMATELY 1 INCH BELOW MESSENGER ATTACHMENT HEIGHT.



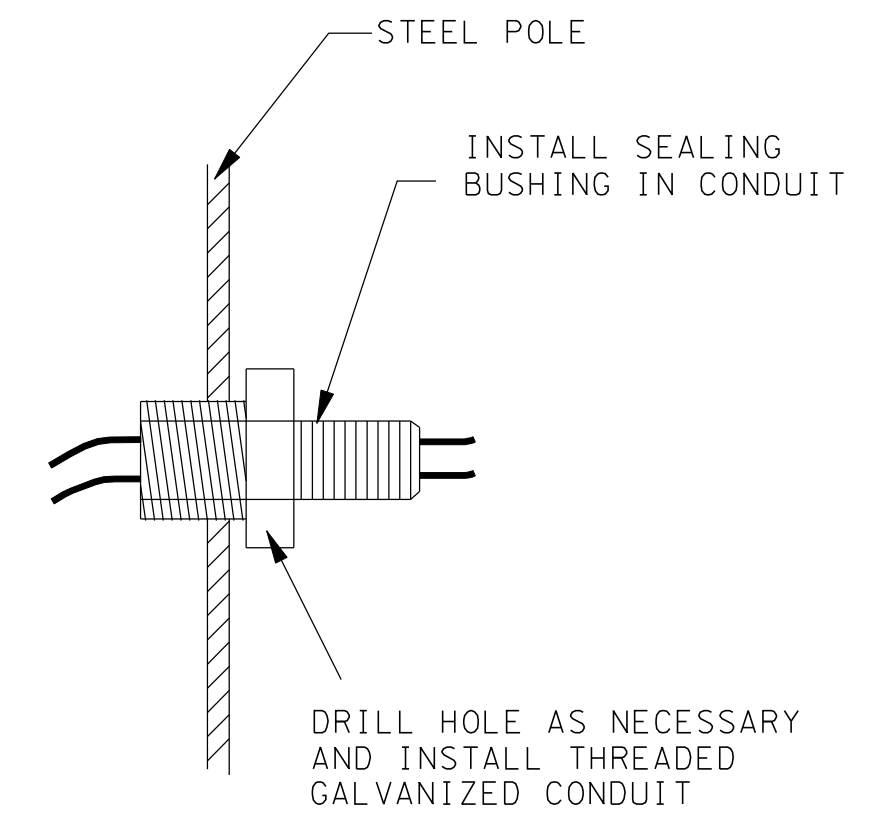
FIBER OPTIC SPLICE CLOSURE
TYPE B PULL BOX

- NOTES:
1. CABLES SHALL BE DRESSED IN A COMMON BUNDLE EVERY 3 FEET WITH UV RESISTANT NYLON CABLE TIES OR ELECTRICAL TAPE.
 2. SECURE CABLE SLACK AND CLOSURE TO CHANNEL RACKING VIA UV RESISTANT BLACK NYLON 120-LB (MIN.) TENSILE STRENGTH CABLE TIES.
 3. MAINTAIN MINIMUM BEND RADIUS (ACCORDING TO MANUFACTURERS SPECIFICATIONS FOR CABLE AT REST) FOR LARGEST CABLE IN BUNDLE.
 4. MAINTAIN 6 INCHES OF CLEARANCE BETWEEN TOP OF PULL BOX AND CABLE/ CLOSURE.
 5. ROUTE CABLE EXITING CONDUIT AS TO NOT INTERFERE WITH FUTURE USE OF EMPTY CONDUIT.



FIBER OPTIC CLOSURE
TYPE A PULL BOX

- NOTES:
1. SECURE CABLE SLACK AND CLOSURE TO CHANNEL RACKING VIA UV RESISTANT BLACK NYLON 120-LB (MIN.) TENSILE STRENGTH CABLE TIES.
 2. MAINTAIN MINIMUM BEND RADIUS (ACCORDING TO MANUFACTURERS SPECIFICATIONS FOR CABLE AT REST) FOR LARGEST CABLE IN BUNDLE.
 3. MAINTAIN 6 INCHES OF CLEARANCE BETWEEN TOP OF PULL BOX AND CABLE/ CLOSURE.
 4. ROUTE CABLE EXITING CONDUIT AS TO NOT INTERFERE WITH FUTURE USE OF EMPTY CONDUIT.
 5. CABLE SLACK SHALL NOT BE STORED ON THE FLOOR OF THE PULL BOX.



FIBER ENTRANCE TO EXISTING STEEL POLES

□ MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

FIBER OPTIC
PULL BOX, CABINET
& POLE DETAILS