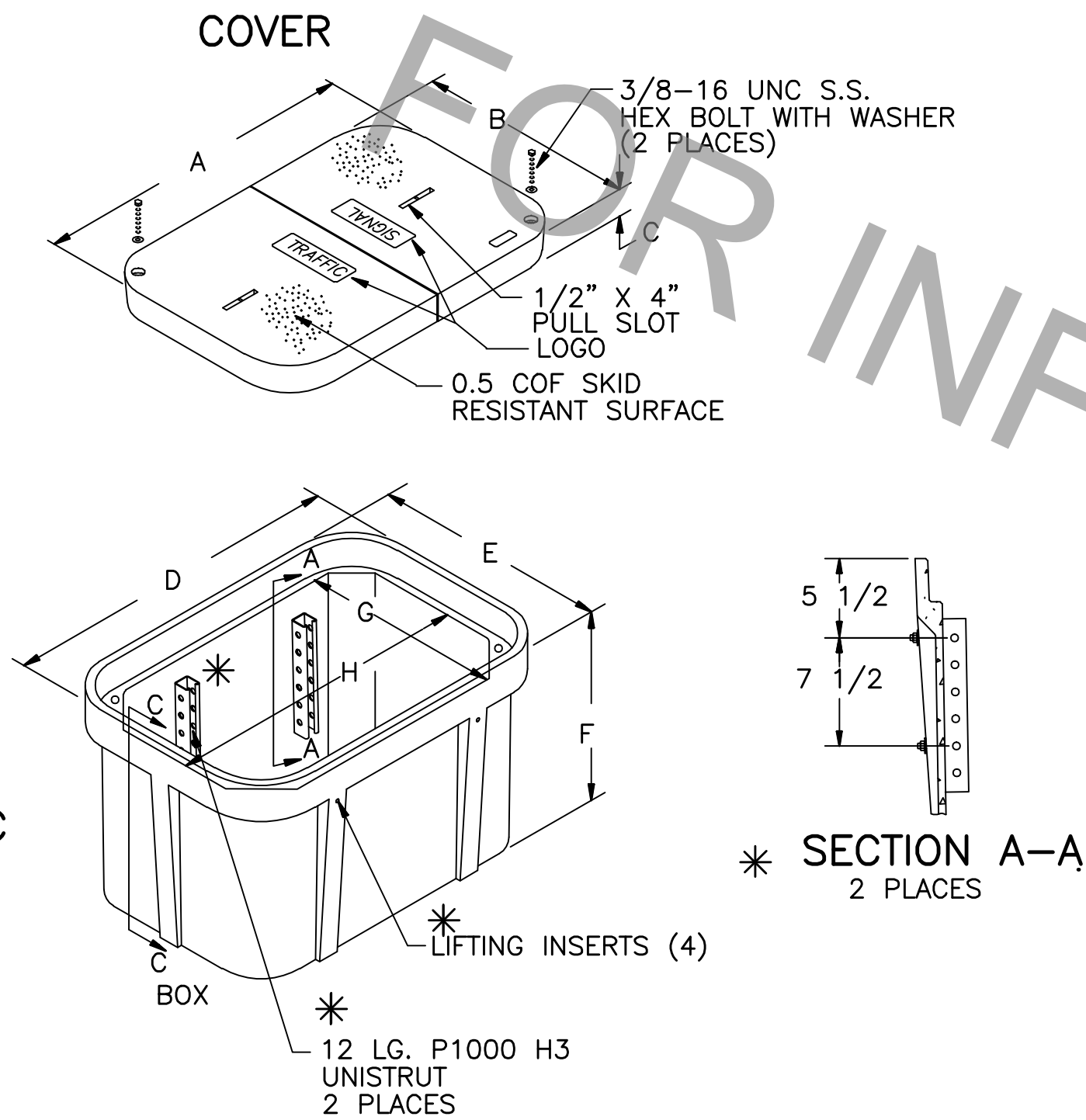
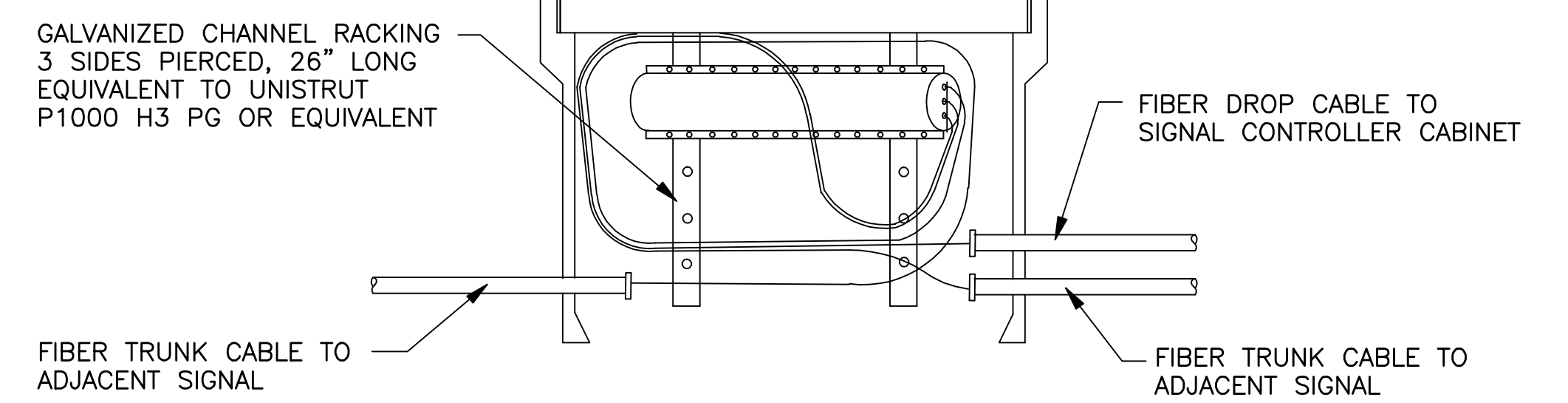
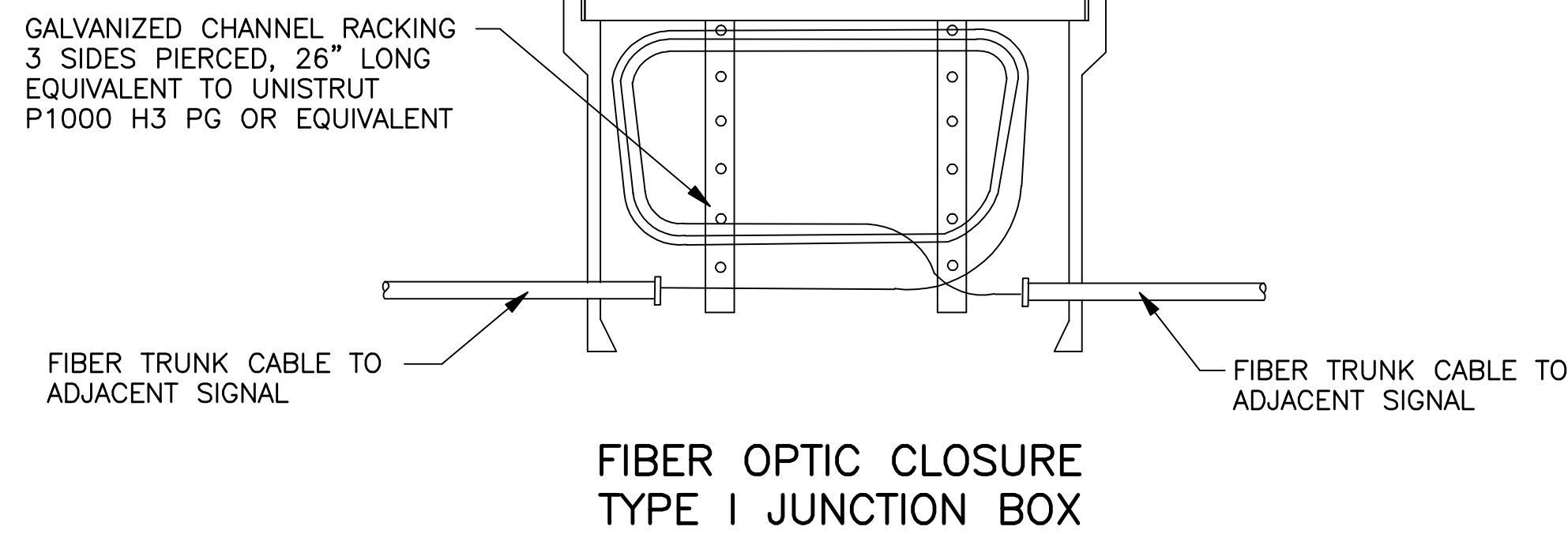


GENERAL NOTES

- (A) CONDUIT FOR FIBER OPTIC CABLE REQUIRED TO UTILIZE LARGE RADIUS BENDS (MINIMUM RADIUS 6") NO ELBOW JOINTS ALLOWED.
- (B) ALL TYPE "I" JUNCTION BOXES SHALL HAVE A MINIMUM OF 50 FEET OF SLACK CABLE.
- (C) ALL UNDERGROUND SPLICES SHALL BE PERFORMED IN A TYPE "J" JUNCTION BOX AND SHALL CONTAIN 100 FEET OF SLACK F/O CABLE FROM EACH REEL.
- (D) ALL CABINET SPLICES SHALL BE PERFORMED IN A TYPE "J" JUNCTION BOX AND SHALL CONTAIN 100 FEET OF SLACK CABLE FROM THE F/O TRUNK LINE AND 50 FEET OF SLACK FROM THE DROP CABLE.
- (E) ALL SPLICES TO BE FUSION UNLESS OTHERWISE NOTED.
- (F) FIBER OPTIC CABLE RUNS TO UTILIZE MIN. 1.25" HDPE CONDUIT.
- (G) TYPE "I" FIBER OPTIC JUNCTION BOXES ARE TO BE USED WHEN NO SPLICING IS REQUIRED.
- (H) TYPE "J" FIBER OPTIC JUNCTION BOXES ARE TO BE USED WHEN SPLICING IS REQUIRED.

PROJECT NO.	SHEET



FIBER OPTIC JUNCTION BOX DETAILS (TYPICAL)

NOTES:

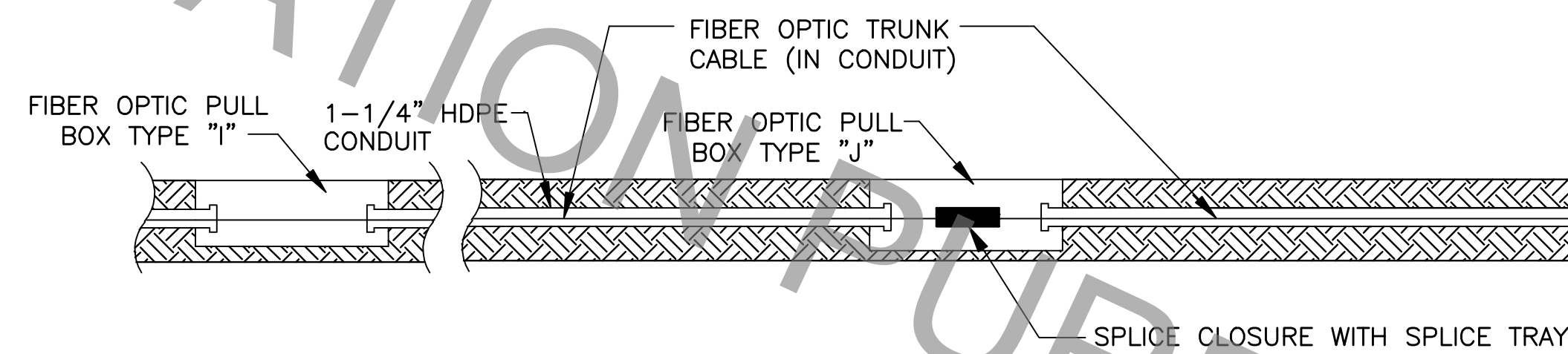
1. SECURE CABLE SLACK AND CLOSURE TO CHANNEL RACKING VIA UV RESISTANT BLACK NYLON 120-LB (MIN.) TENSILE STRENGTH CABLE TIES.
2. MAINTAIN MINIMUM BEND RADIUS (ACCORDING TO MANUFACTURERS SPECIFICATIONS FOR CABLE AT REST) FOR LARGEST CABLE IN BUNDLE.
3. MAINTAIN 6" CLEARANCE BETWEEN TOP OF PULL BOX AND 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.

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" CLEARANCE BETWEEN TOP OF PULL BOX AND CLOSURE.
5. ROUTE CABLE EXITING CONDUIT AS TO NOT INTERFERE WITH FUTURE USE OF EMPTY CONDUIT.

JUNCTION BOXES NOTES:

1. THE MAXIMUM DISTANCE BETWEEN JUNCTION BOXES USED FOR FIBER OPTIC COMMUNICATIONS CABLE SHALL BE ONE THOUSAND (1000) FEET.
2. THE PROJECT ENGINEER PRIOR TO INSTALLATION SHALL APPROVE THE LOCATION OF EACH JUNCTION BOX. JUNCTION BOXES SHALL BE LOCATED A MINIMUM OF THREE (3) FEET BEHIND THE CURB OR A MINIMUM CLEARANCE OF TEN (10) FEET FROM THE EDGE OF THE TRAVEL LANE, WHICHEVER IS GREATER.

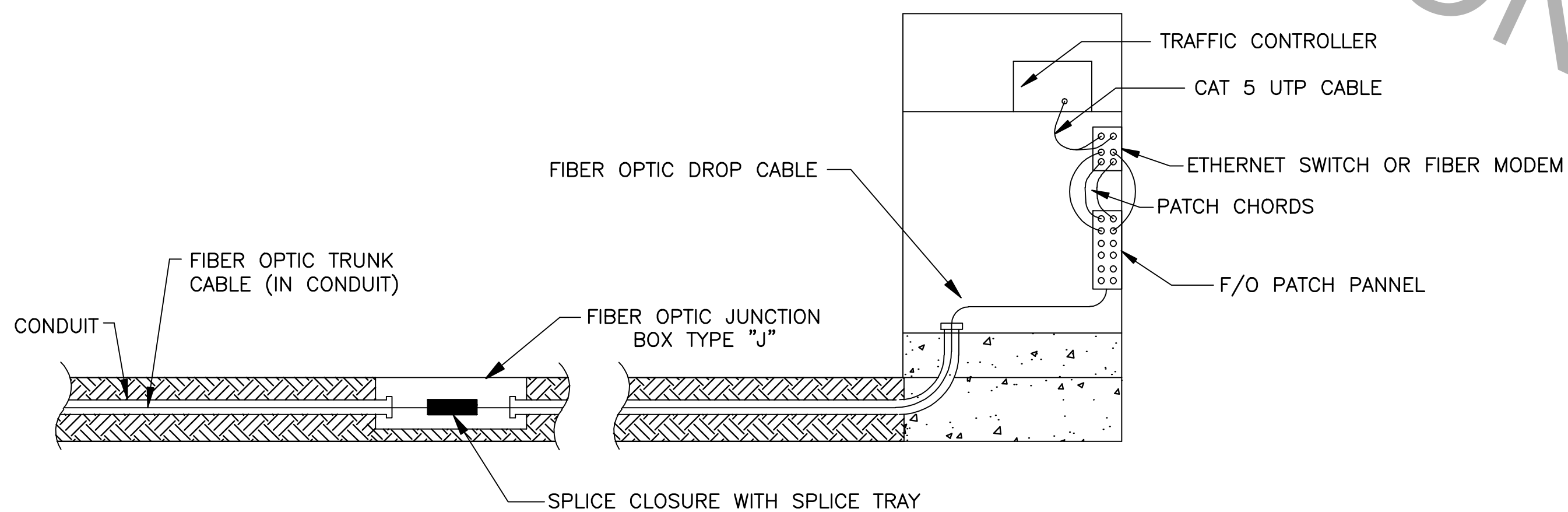


TYPICAL UNDERGROUND SPlice

TYPE	DIMENSION (IN.) (APPROX.)										
BOX	A	B	C	D	E	F	G	H	I	J	K
I	47 5/8	30 1/8	3	49 5/8	32 1/8	18	28 1/8	45 5/8	15	1/2	2
J	47 5/8	30 1/8	3	49 5/8	32 1/8	36	28 1/8	45 5/8	15	1/2	2

NOTES:

1. JUNCTION BOXES AND COVERS SHALL BE CONSTRUCTED OF A CONCRETE COMPOSITE MATERIAL.
2. JUNCTION BOX SHALL HAVE A HOLLOW BASE.
3. NO "MOUSE TYPE" OPENING SHALL BE PRESENT.
4. BOX DIMENSIONS SHOWN ARE NOMINAL.
5. NOTCHES SHALL BE PROVIDED FOR REMOVING THE COVER.
6. COVER SHALL BOLT DOWN.
7. THE MESSAGE "TRAFFIC SIGNAL" IS TO BE INSCRIBED ON TOP OF THE COVER.
8. INSERTS TO BE CENTERED ON ONE WALL OF TYPE I & J BOXES, 5.625" FROM THE TOP OF EACH BOX.
9. TWO PIECE STEEL PIERCED CHANNEL 11" LONG. TO BE SUPPLIED WITH EACH BOX. CHANNEL TO BE PIERCED ON THREE SIDES.
10. BOLTS TO BE 1/2" x 3/4" LONG STAINLESS STEEL. 1/8" SPACERS TO BE PLACED BETWEEN CHANNELS AND WALL OF JUNCTION BOX.
11. CHANNEL RACKING TO BE FACTORY INSTALLED.



UNDERGROUND ENTRANCE INTO BASE MOUNTED CABINET



FEBRUARY 27, 2008

STANDARD PLAN NO. 906-07	DATED FEBRUARY 26, 2008	SHEET NO. 2 OF 5
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FIBER OPTIC DETAIL

ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE			
DESIGNED T.E.D.	DRAWN G. VANNICE	CHECKED J. TAYLOR	APPROVED I. PARTENHEIMER

DATE	DESCRIPTION	BY
	REVISIONS	