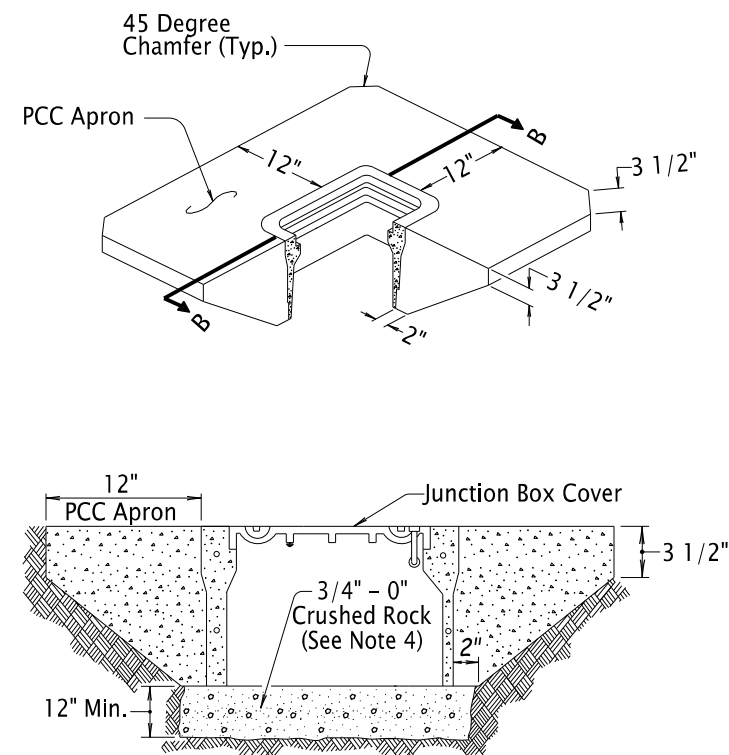
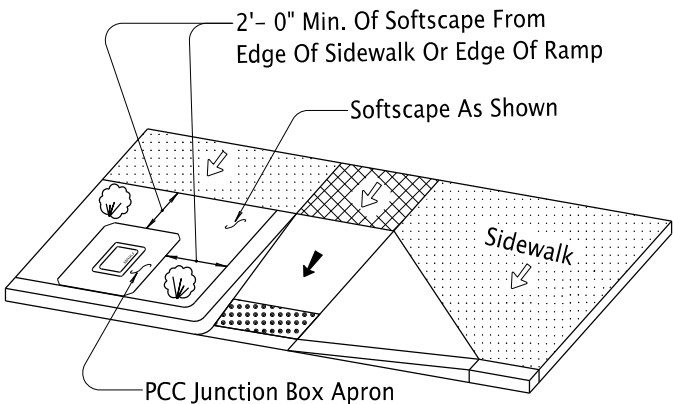


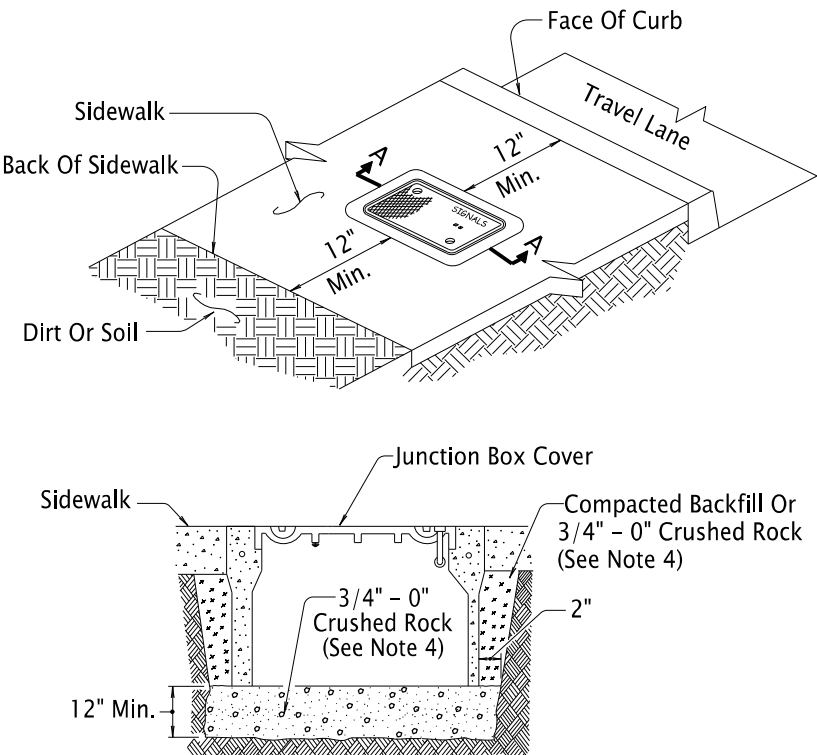


SECTION B-B



**JUNCTION BOX INSTALLATION
IN UNSURFACED AREA**

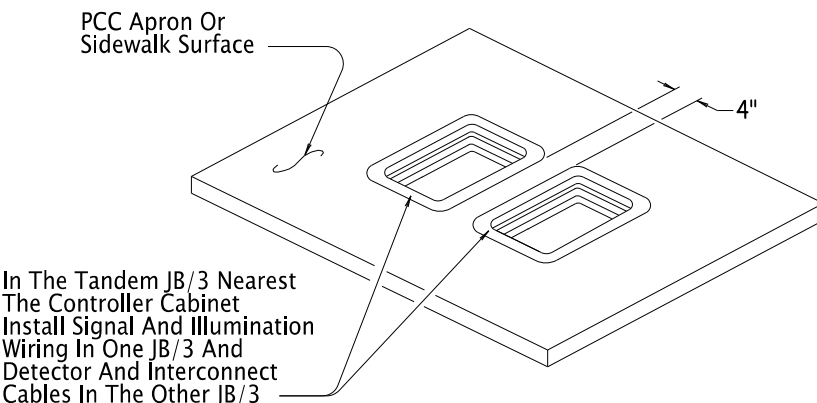
(This Detail Only Applicable for Junction Boxes Located In Incidental Travel Areas; Gravel Shoulders, Behind Guardrail, Etc. Do Not Install In Travel Lanes, Paved Shoulders, Or Other Areas Exposed To Traffic.)



SECTION A-A

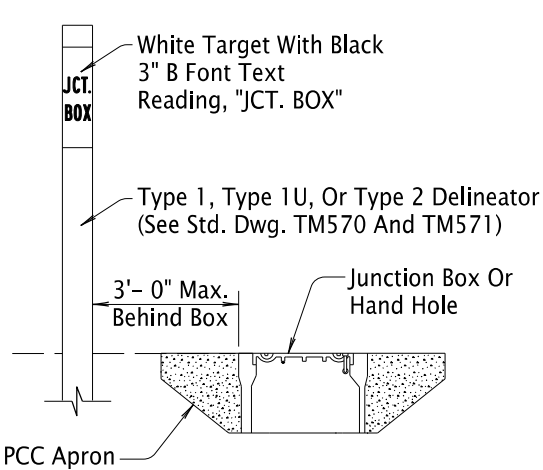
JUNCTION BOX INSTALLATION IN PCC SIDEWALK

(This Detail Only Applicable for Junction Boxes Located In Flat Areas Of Sidewalks. Do Not Install In Slopes Of Ramps Or Driveways)

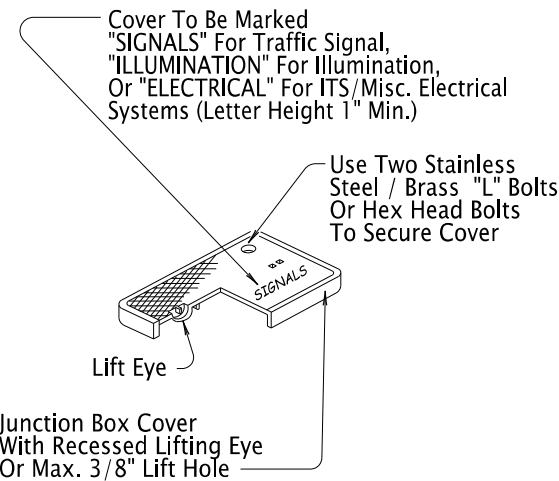


In The Tandem JB/3 Nearest The Controller Cabinet Install Signal And Illumination Wiring In One JB/3 And Detector And Interconnect Cables In The Other JB/3

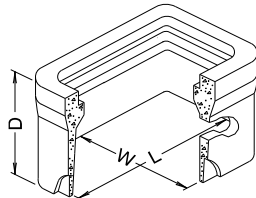
TANDEM JB/3A JUNCTION BOX DETAILS



**DELINEATION OF JUNCTION BOX &
HAND HOLE IN UNSURFACED AREA**



**JUNCTION BOX
COVER DETAILS**

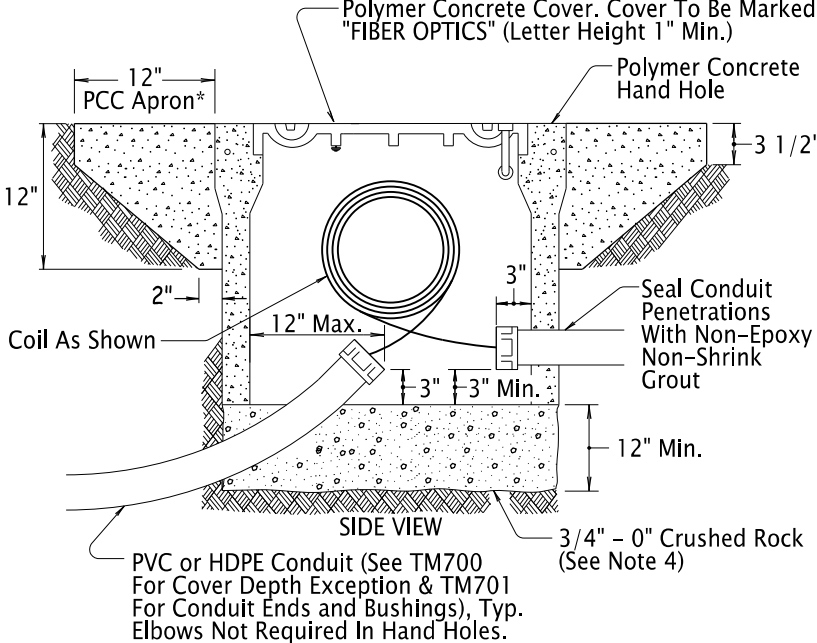


Type*	L	W	D
JB1	17"	10"	12"
JB2	22"	12"	12"
JB3	30"	17"	12"
HH-1	24"	30"	24"
HH-2	30"	48"	24"
HH-3	30"	48"	36"

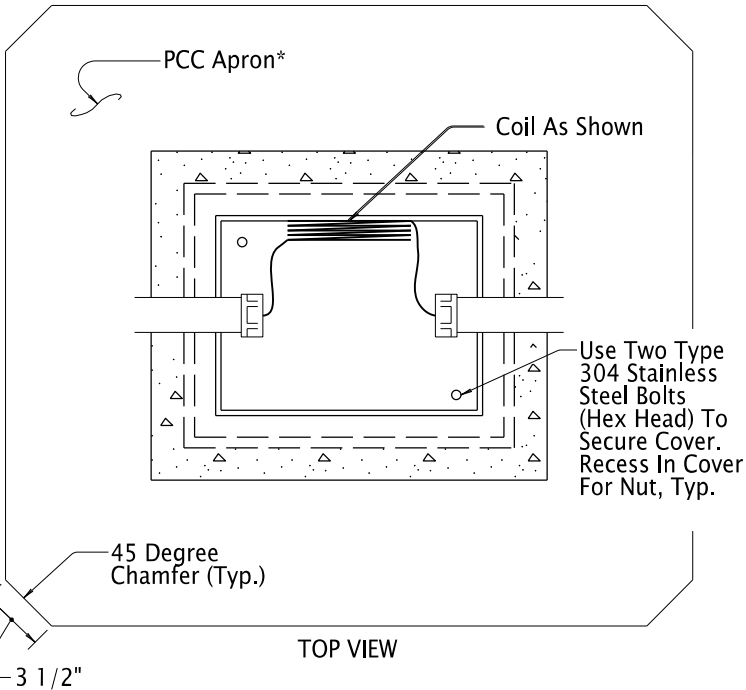
*Junction Box Or Handhole Type As Shown On Plans

DIMENSION TABLE

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.



SIDE VIEW



TOP VIEW

*Install PCC Apron When Hand Holes Are Located In Driveable Surface Or As Shown

FIBER OPTIC CABLE HAND HOLE INSTALLATION

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

**GENERAL
JUNCTION BOX/HAND HOLE
INSTALLATION**

2024

DATE	REVISION	DESCRIPTION
01-2025	NEW DRAWING (CONTENT FROM RETIRED TM472)	
07-2025	REVISED FIBER OPTIC CABLE HAND HOLE INSTALLATION DETAIL	

CALC. BOOK NO.	N/A	SDR DATE	11-JUL-2025	TM702
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GENERAL NOTES:

1. Install Top of Junction Box And Hand Hole Flush With The Sidewalk, Surrounding Grade, Or Top Of Curb. For Hand Holes Installed In The Roadway Or Shoulder, Leave The Top Of The Hand Hole 1/2" Below The Pavement Surface.
2. Install Junction Boxes And Hand Holes At The Approximate Locations Shown, Or If Not Shown, No More Than 300 Feet Apart For Junction Boxes And No More Than 1000 Feet Apart For Hand Holes.
3. More Junction Boxes And Hand Holes Than Specified May Be Installed To Facilitate The Work At The Option And Cost Of The Contractor
4. Use Materials According To 00640.10 and 00640.16. Use Compaction Equipment Suitable For Area And Compact Each Six Inch Layer With Sufficient Coverage To Produce A Firm Unyielding Surface. Do Not Install Conductors Until Surface Has Been Constructed.