

PUBLIC ROADS DIV.	STATE DIST. NO.	STATE PROJECT NO.	FEDERAL PROJECT NO.	FISCAL YEAR	COUNTY	SHEET NO.	TOTAL SHEETS

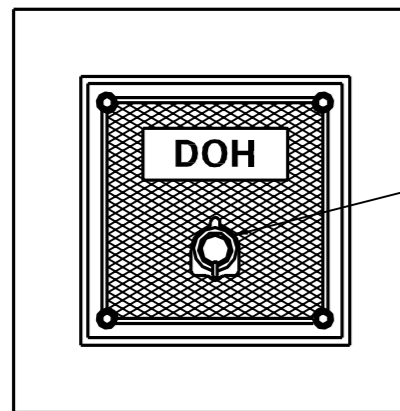
GENERAL NOTES

TYPE H AND TYPE L

- AGGREGATE TO BE COVERED WITH 3 PLY TAR PAPER OR OTHER APPROVED VAPOR BARRIER-DRAIN HOLE TO BE BROKE THRU AFTER COMPLETION.
- AGGREGATE SHALL BE BY VISUAL INSPECTION AN EVENLY DISTRIBUTED MIXTURE OF PARTICLES BETWEEN 3/8" AND 3/4" DIAMETER.
- BOTH TYPE H AND TYPE L JUNCTION BOXES SHALL BE GRAY IRON (FRAME AND LID). GRAY IRON SHALL MEET THE REQUIREMENTS OF SECTIONS 709.10 AND 715.42.11.2 OF THE SPECIFICATIONS.
- THESE JUNCTION BOXES SHALL HAVE TYPE H-20 LOADING CAPACITY, BE WATERPROOF, AND THE COVER FRAME FOR THE TYPE H JUNCTION BOX SHALL BE CAST INTEGRAL WITH THE CONCRETE BOX.
- FRAMES AND COVERS ARE SHOWN AS EXAMPLES ONLY. SHOP DRAWINGS SHALL BE SUBMITTED IF DETAILS AND DIMENSIONS VARY.

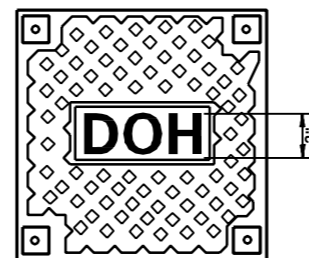
TYPE H ONLY

- CONCRETE WHICH IS CAST IN PLACE SHALL MEET CLASS "B". CONCRETE WHICH IS PRECAST SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS AND AN AIR CONTENT OF 7 ± 2 PERCENT.
- ALL CONDUIT ENTRANCE HOLES TO BE THREE INCH DIAMETER WITH ONE INCH KNOCKOUT WALL. FOUR HOLES PER JUNCTION BOX ARE REQUIRED UNLESS NOTED OTHERWISE.
- WHERE BOX IS SET IN OR POURED AGAINST PAVED AREA, 1/2" JOINT FILLER IS TO BE USED.
- WHEN BOX IS POURED IN PLACE, IN OTHER THAN PAVED AREA, THE TOP 3" SHALL BE FORMED.



LIFT RING HANDLE (TYP.)

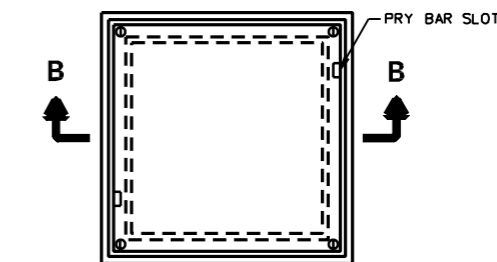
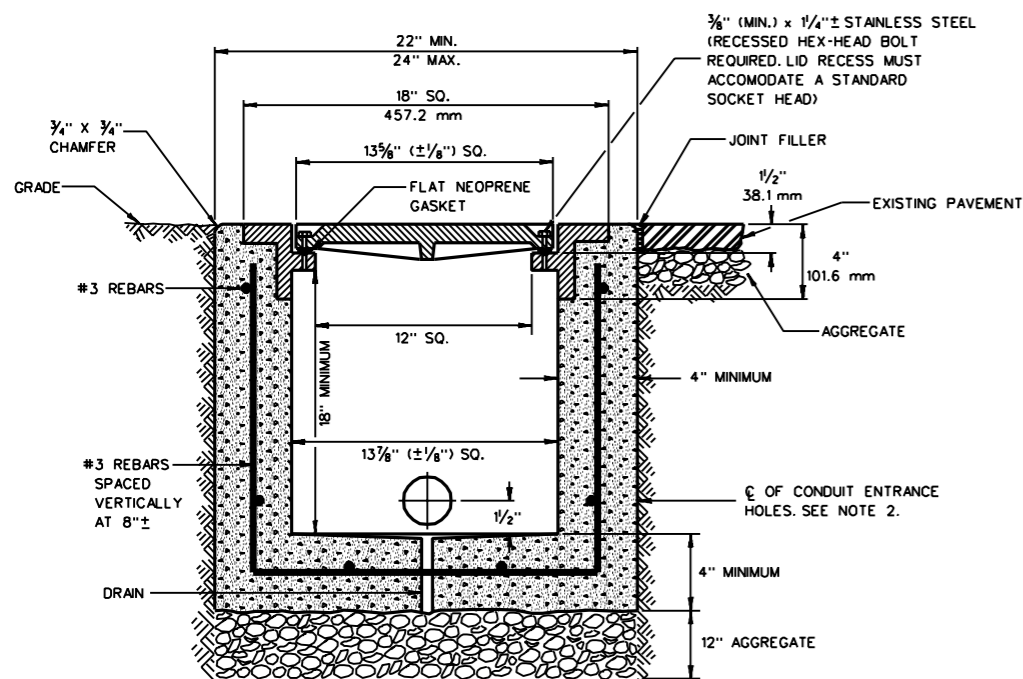
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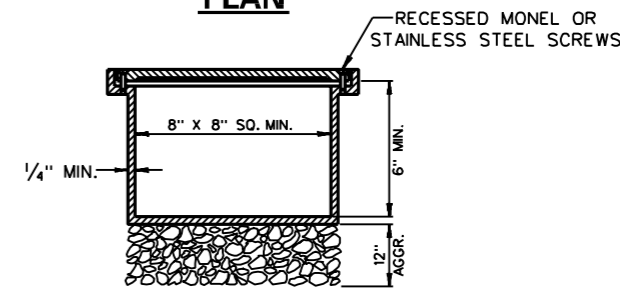
JUNCTION BOX COVER

CHECKERED, NON-SLIP SURFACE (TYPE H AND L)

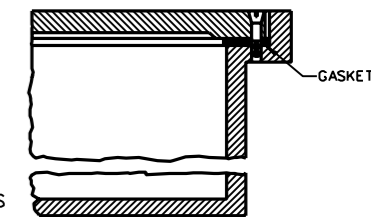
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SECTION B-B



TWO-PIECE JUNCTION BOX (TYPE L)

- △ SIGNATURE BLOCK
- △ ADDED DIMENSIONS ON BOLT-HOLE
- △ DELETED 3-PIECE H BOX
- △ ADDED BOLT NOTE FOR H, ADDED SCREW AND THICKNESS NOTE FOR L, ADDED CAST IRON NOTES AND CONCRETE NOTES
- △ DELETED CADMIUM PLATED BOLT

WEST VIRGINIA DIVISION OF HIGHWAYS  
SPECIAL DETAIL  
JUNCTION BOXES  
TYPE H, 10" x 10"  
TYPE L, 8" x 8"

PREPARED: 05/00/67

REVISIONS
JAN. 1970
△ 10-12-76
△ 10-5-77
△ 9-29-78
△ 01-20-93
△ 10-29-93

STANDARD SHEET TES-50