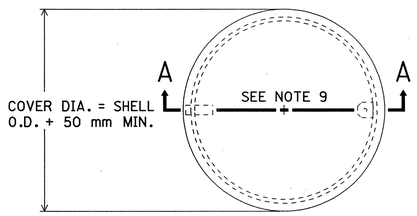
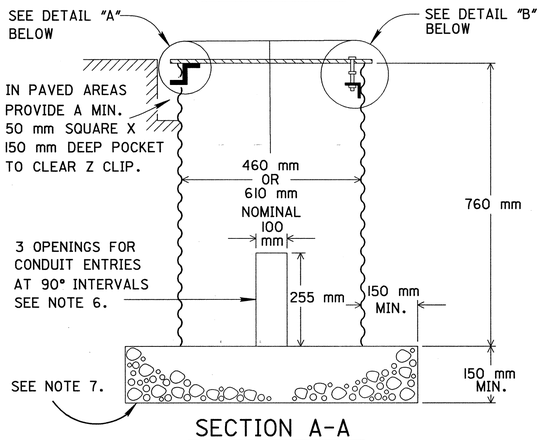
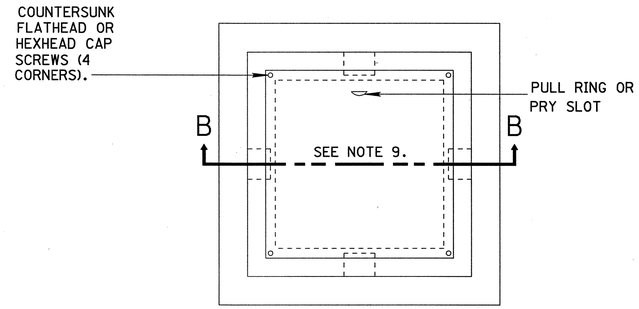


PLAN VIEW

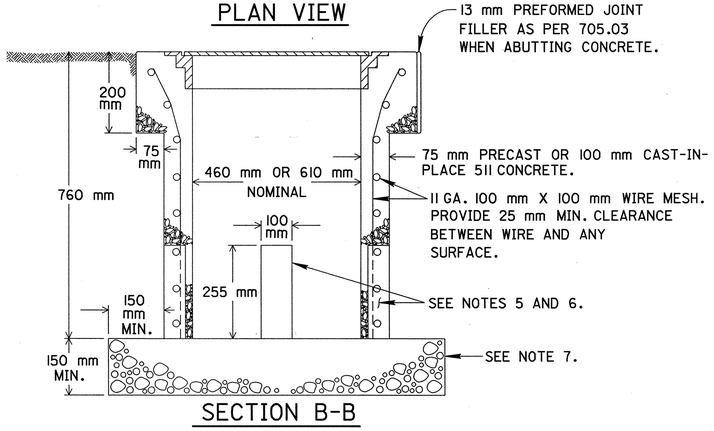


SECTION A-A

CORRUGATED STEEL PULL BOX

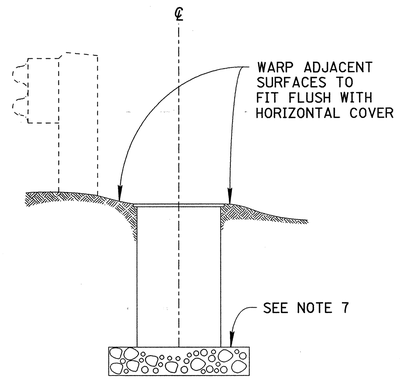


PLAN VIEW



SECTION B-B

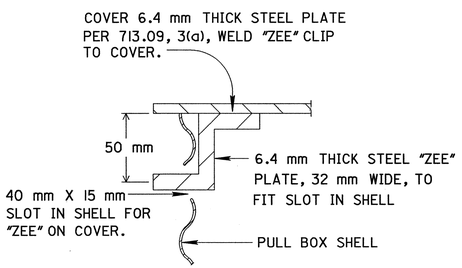
CONCRETE PULL BOX



NORMAL INSTALLATION

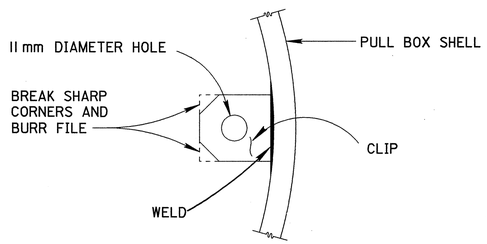
NOTES

1. PULL BOXES SHALL CONFORM WITH 625.11, 713.08, 713,081 AND 713.09.
2. CONCRETE PULL BOXES SHALL HAVE FERROUS METAL COVERS AND MATCHING FRAMES BY NEENAH, JOSAM OR ZURN FOUNDRIES, OR APPROVED EQUAL. COVERS MAY BE 13 mm MINIMUM GALVANIZED PLATE STEEL OR CAST IRON WITH REINFORCING RIBS.
3. TAPERED THICKNESS CONCRETE PULL BOX WALLS MAY BE USED: HOWEVER, MINIMUM WALL THICKNESS SHALL BE AS INDICATED.
4. LIFTING RINGS OR WIRE PULLING RINGS MAY BE INCORPORATED INTO PRECAST CONCRETE PULL BOX WALLS.
5. CONDUIT ENTRIES FOR CAST-IN-PLACE CONCRETE PULL BOXES SHALL BE CAST AS REQUIRED. PRECAST PULL BOXES MAY HAVE BLOCKED OUT SECTIONS OF THE WALL AS KNOCKOUTS IN THE QUANTITY OF ONE PER WALL.
6. UNUSED OPENING AREAS SURROUNDING CONDUITS SHALL BE BLOCKED AFTER CONDUIT INSTALLATION.
7. AGGREGATE USED FOR PULL BOXES SHALL BE NO. 7 OR 8, AT LEAST 150 mm DEEP. COST FOR AGGREGATE SHALL BE INCLUDED WITH THE UNIT PRICE BID FOR EACH PULL BOX.
8. PULL BOX DRAINS IN ACCORDANCE WITH 603 SHALL BE INSTALLED WHEN SPECIFIED, OR AS DIRECTED BY THE ENGINEER. ALTERNATE DRAIN LOCATION MAY BE USED WHEN NORMAL RUN WOULD EXCEED 6.1 m.
9. SEE 713.09 FOR COVER MARKING REQUIREMENTS.

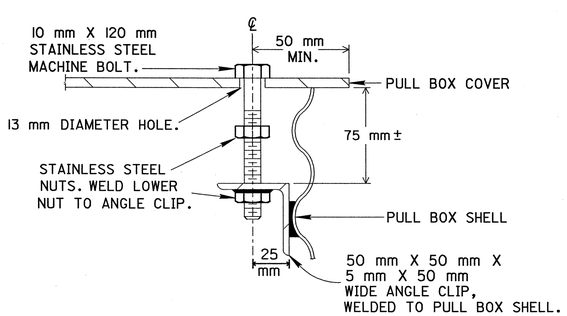


ELEVATION

DETAIL A

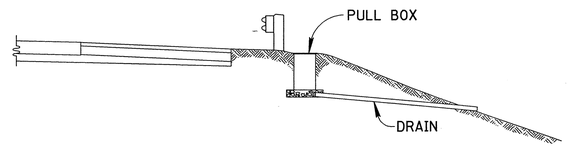


PLAN VIEW

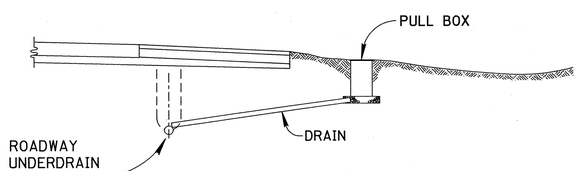


ELEVATION

DETAIL B



INSTALLATION IN ROADWAY FILL SECTION



INSTALLATION IN ROADWAY CUT SECTION

UNDERDRAINS FOR PULL BOXES

STATE OF OHIO DEPARTMENT OF TRANSPORTATION

metric units

OFFICE OF TRAFFIC ENGINEERING
DIVISION OF ENGINEERING POLICY
OHIO DEPARTMENT OF TRANSPORTATION

HIGHWAY LIGHTING	DATE 03/31/95
PULL BOX DETAILS I	
STANDARD CONSTRUCTION DRAWING	HL-30.11M

APPROVED _____ ADMINISTRATOR

WCC