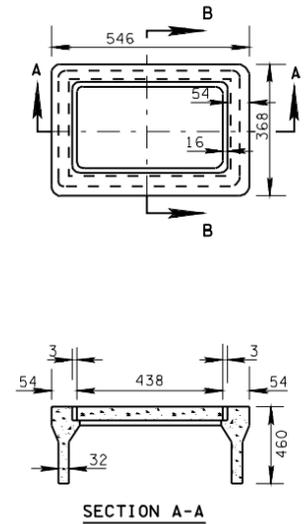
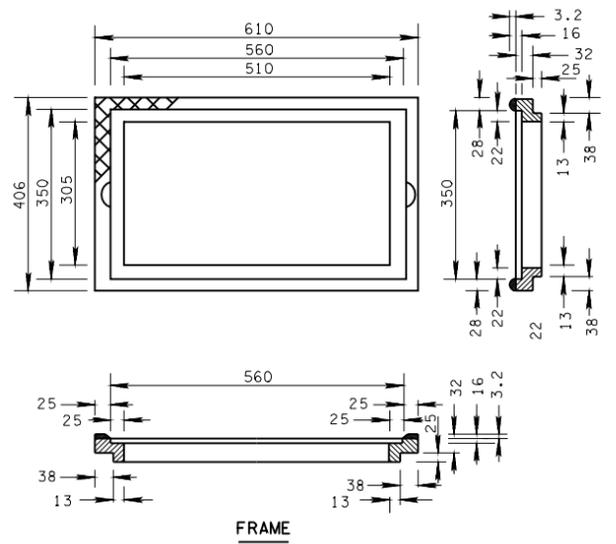
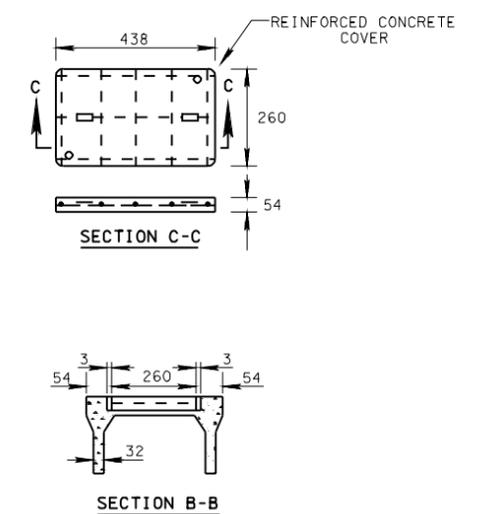


DETAIL OF PULL BOX CASTING (TYPE "A")

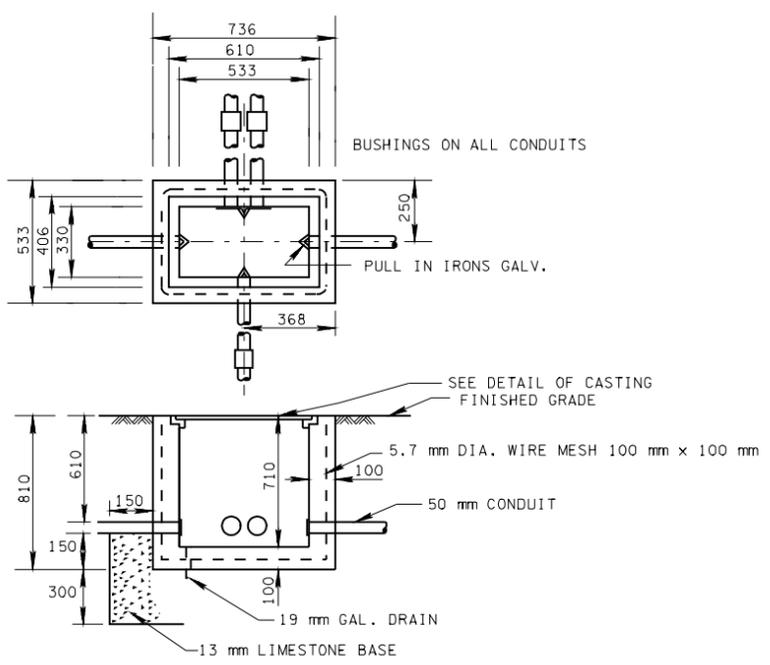


DETAIL OF PULL BOX (TYPE "B")

CONCRETE



- GENERAL NOTES**
- (A) CONCRETE PULL BOXES SHALL BE CONSTRUCTED OF A MIXTURE OF ONE PART CEMENT, TWO PARTS SAND, AND FOUR PARTS GRAVEL OR 25 mm CRUSHED STONE, FORMED AND POURED IN PLACE OR PRECAST.
 - (B) CAST IRON AND REINFORCED CONCRETE COVERS FOR CONCRETE PULL BOXES SHALL HAVE TWO GALVANIZED LIFT EYES AND BE SECURED BY TWO M10 BRASS "L" BOLTS AND NUTS IN DIAGONAL CORNERS.
 - (C) COVERS FOR ALL PULL BOXES SHALL HAVE A ROUGHENED SURFACE AND BE MARKED "STREET LIGHT" WITH 50 mm LETTERS CAST INTO COVER.
 - (D) TOP OF PULL BOX SHALL BE 25 mm ABOVE FINISHED GRADE. EARTH BACKFILL SHALL BE LEVEL WITH TOP AND THOROUGHLY TAMPED TO SLOPE AWAY FROM THE BOX ON ALL SIDES.
 - (E) EACH PULL BOX WALL SHALL HAVE A MINIMUM OF ONE CONDUIT STUB. UNUSED CONDUIT STUBS ARE TO BE CAPPED. SEE PLANS FOR ADDITIONAL CONDUIT STUBS FOR CABLE ENTRANCE.
 - (F) CONDUIT STUB LOCATION AND DIRECTION MAY BE ADJUSTED WHERE PULL BOX IS OFFSET FROM CONDUIT RUN.
 - (G) WHERE BENDS ARE NEEDED TO INSTALL RIGID METALLIC CONDUIT, STANDARD BENDING TOOLS SHALL BE USED.
 - (H) PULL BOX TYPES "B" AND "C" ARE INTENDED AS ALTERNATES FOR AREAS SUBJECTED TO LIGHT VEHICULAR LOADS. PULL BOX TYPE "A" SHALL BE USED IN AREAS SUBJECTED TO HEAVY VEHICULAR LOADS.

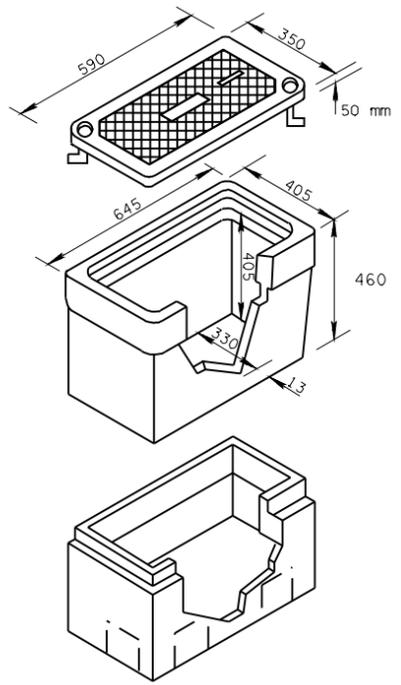


DETAIL OF PULL BOX (TYPE "A")
REINFORCED CONCRETE

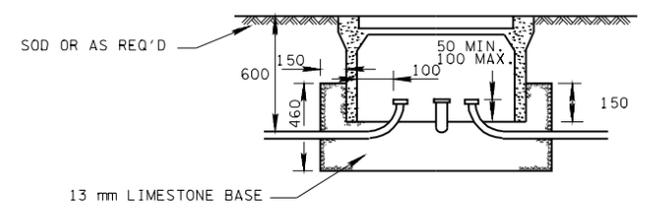
PRECAST PULL BOX COMPOSED OF REINFORCED PLASTIC MORTAR OR STRUCTURAL FOAM

DESIGNED FOR LIGHT VEHICULAR TRAFFIC BASED ON 3600 kg SINGLE AXLE LOAD OVER ANY 250 mm x 250 mm AREA

BOXES MAY BE NESTED FOR DEEP CONDUIT AND FOR MORE WORKING ROOM.



DETAIL OF PULL BOX (TYPE "C")



PULL BOX INSTALLATION
(TYPICAL, TYPES B&C)



ALL UNITS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.

MINOR REVISION -- FHWA APPROVAL NOT REQUIRED.

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD LIGHTING DETAILS
PULL BOXES