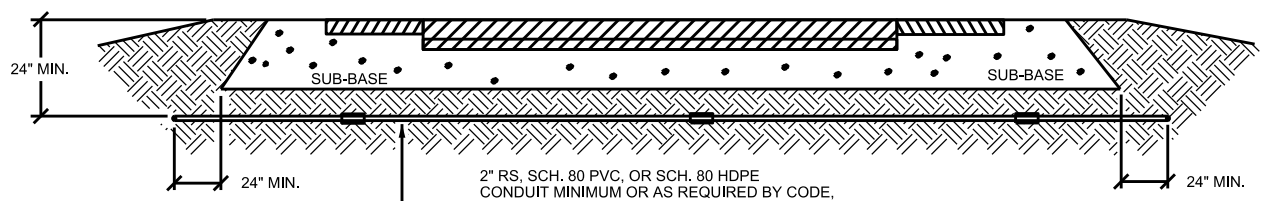
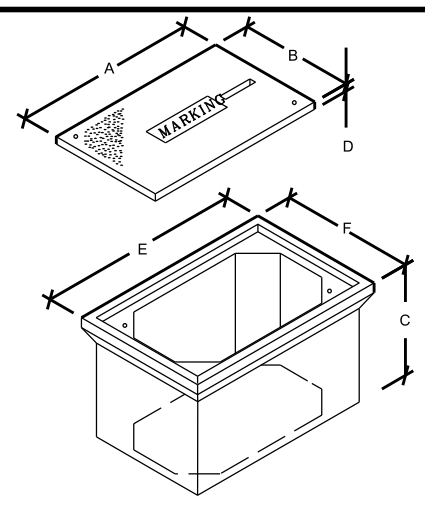


JUNCTION BOX DIMENSIONS (NOMINAL)						
	A	B	C	D	E	F
TYPE A	23"	14"	27"	2"	25"	15"
TYPE B	18"	11"	12"	1 1/4" *	20"	13"
TYPE C	36"	24"	30"	3"	38"	26"

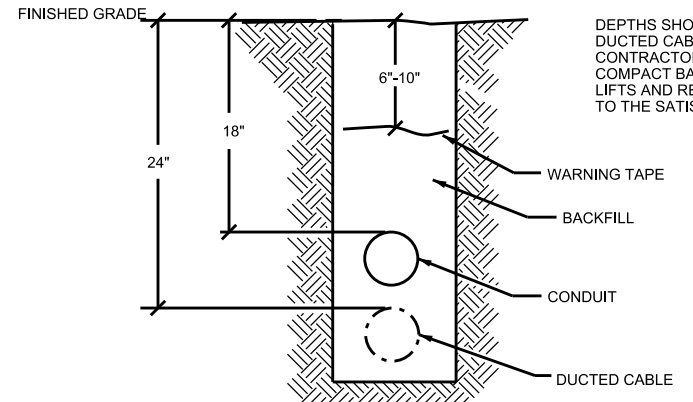
\* MINIMUM  
NOTE: STACKABLE BOXES ARE PERMITTED  
JUNCTION BOX



**CONDUIT INSTALLATION UNDER EXISTING PAVEMENT DETAIL**

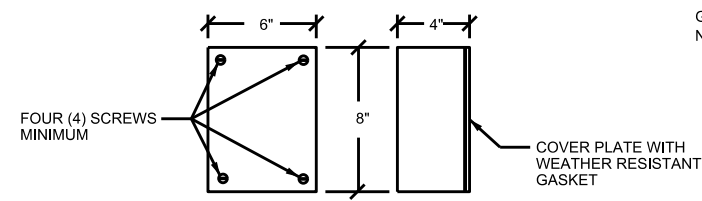


**CONCRETE CABLE MARKERS**



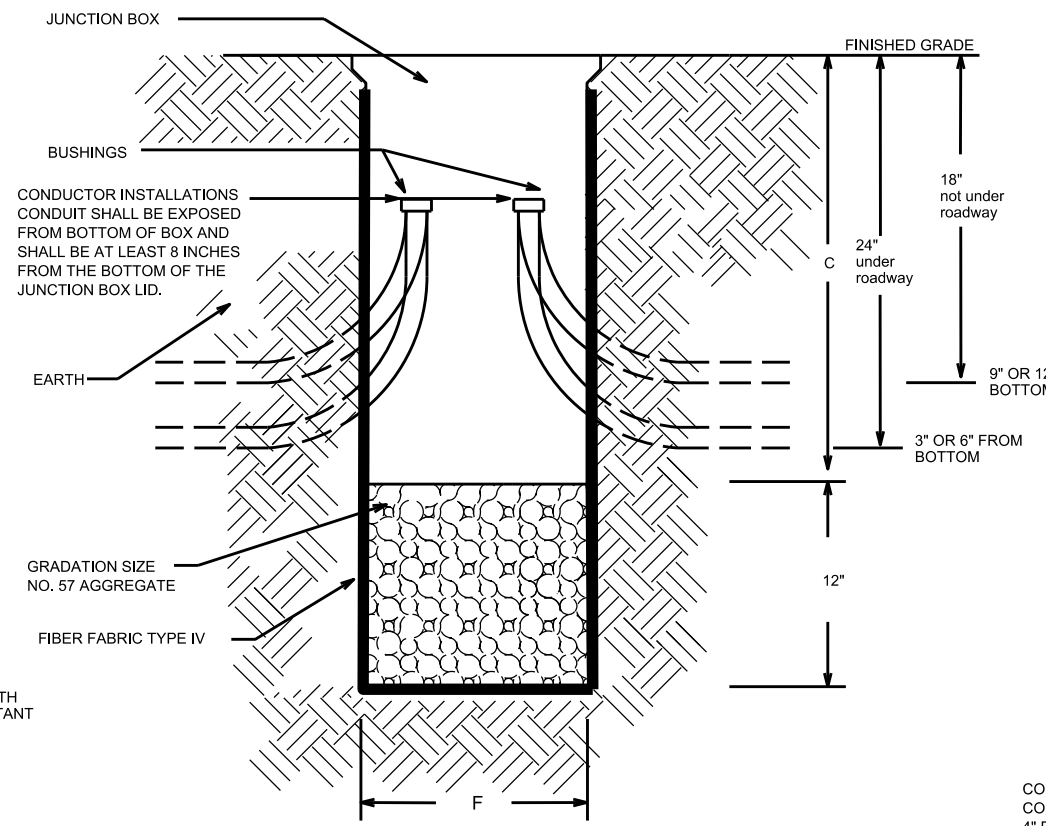
**CONDUIT, DUCTED CABLE, AND WARNING TAPE TRENCH**

ABOVE GROUND BOX SHALL BE FABRICATED FROM MINIMUM 12 GAUGE STEEL AND GALVANIZED AFTER FABRICATION. BOXES SHALL HAVE NO KNOCKOUTS AND SHALL BE PROVIDED WITH A PLATE COVER WITH A WEATHER RESISTANT GASKET AND A MINIMUM OF FOUR SCREWS FOR ATTACHING THE PLATE COVER TO THE BOX. CABLE CLAMPS SHALL BE PROVIDED FOR CABLES ENTERING AND EXITING THE BOX.



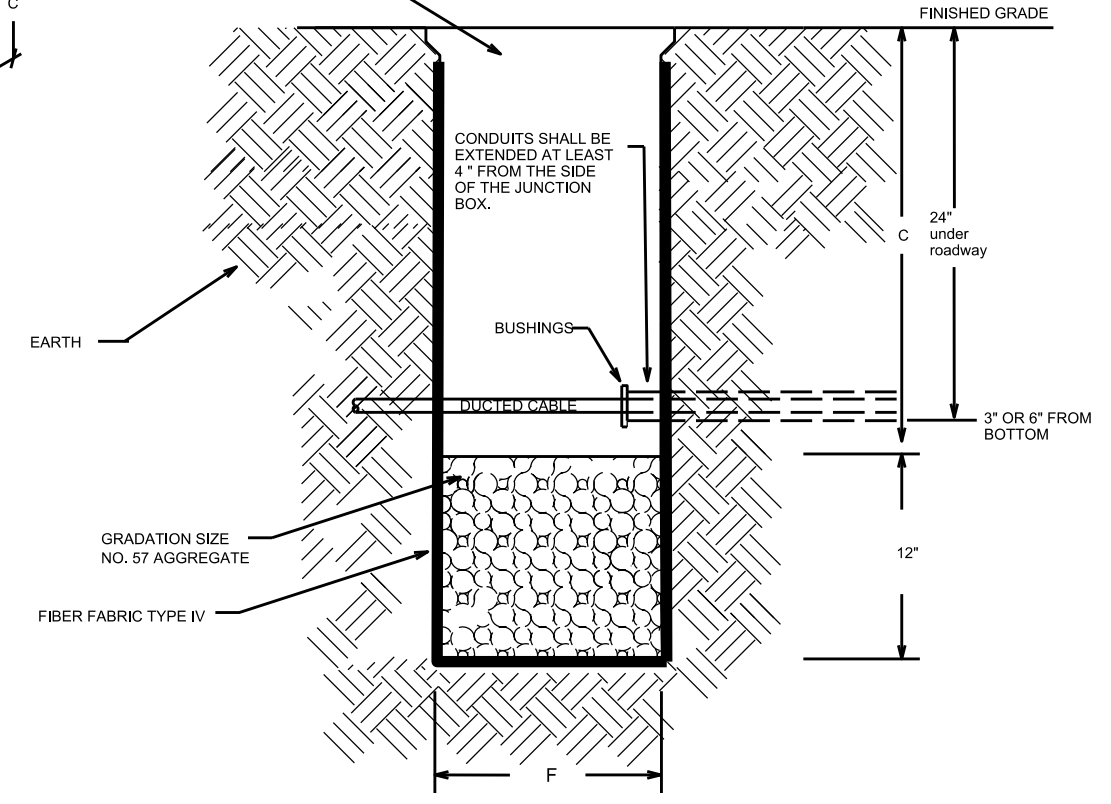
**ABOVE GROUND BOX**

DEPTHS SHOWN FOR CONDUIT AND DUCTED CABLE ARE MINIMUMS. CONTRACTOR SHALL PLACE AND COMPACT BACKFILL IN 9" MAXIMUM LIFTS AND RETORE DISTURBED AREA TO THE SATISFACTION OF THE ENGINEER.

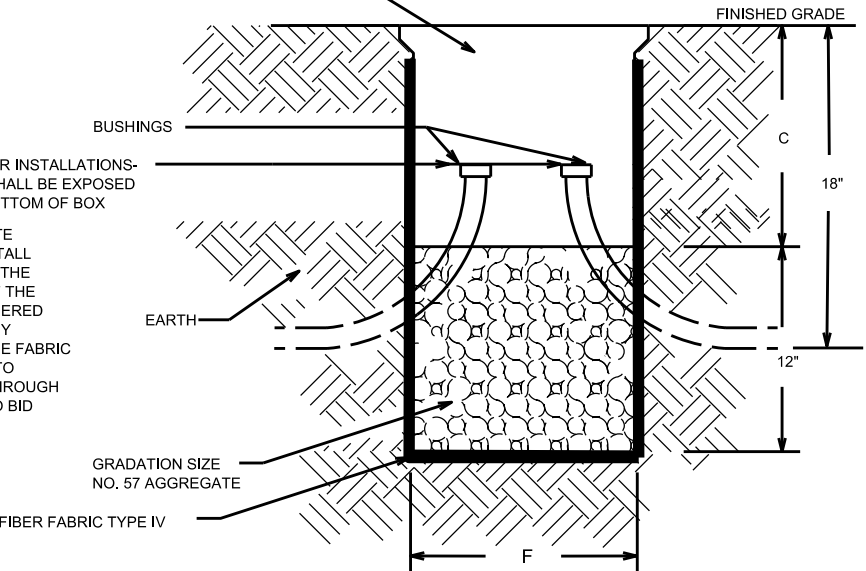


**JUNCTION BOX INSTALLATION FOR CONVENTIONAL LIGHTING**

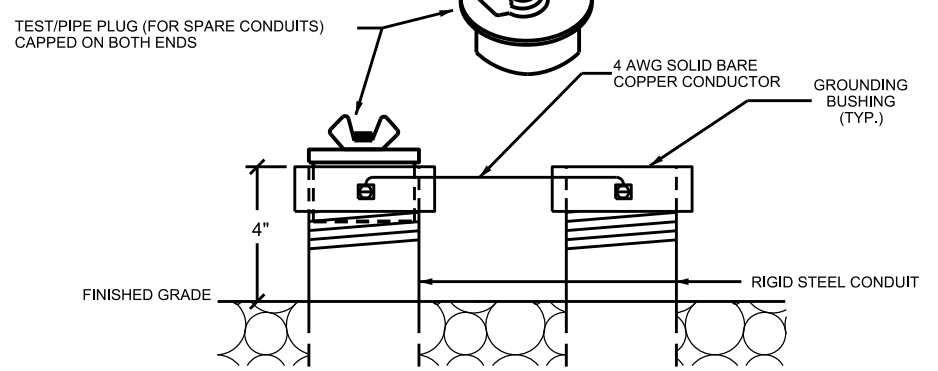
BEFORE THE INSTALLATION OF THE #57 AGGREGATE AND JUNCTION BOX, THE CONTRACTOR SHALL INSTALL GEOTEXTILE FILTER FABRIC TYPE IV IN THE HOLE. THE FABRIC SHALL EXTEND TO JUST BELOW THE LIP OF THE JUNCTION BOX AND SHALL BE CONTINUOUSLY ADHERED TO THE EXTERIOR OF THE BOX WITH ADHESIVE. ANY LOCATIONS WHERE CONDUITS ENTER THE BOX, THE FABRIC SHALL BE "X CUT" ONLY AS MUCH AS NECESSARY TO ALLOW PASSAGE OF EACH INDIVIDUAL CONDUIT THROUGH THE FABRIC. THE FABRIC SHALL BE INCIDENTAL TO BID ITEMS 4811, 20391NS835, OR 20392NS835.



**JUNCTION BOX INSTALLATION FOR HIGHMAST LIGHTING**



**JUNCTION BOX INSTALLATION FOR TRAFFIC SIGNALS**



**TEST/PIPE PLUG(FOR SPARE CONDUITS) AND GROUNDING DETAIL**

TRAFFIC SIGNAL AND ROADWAY LIGHTING  
JUNCTION BOX AND CONDUIT DETAILS

FILE NAME: C:\USERS\JESSICA.GOODWIN\DESKTOP\06-JUNCTION BOX (JB).DGN  
USER: Jessica.Goodwin  
DATE PLOTTED: March 20, 2017  
E-SHEET NAME:  
OpenRoads Designer v23.00.01.11  
1/6/2026