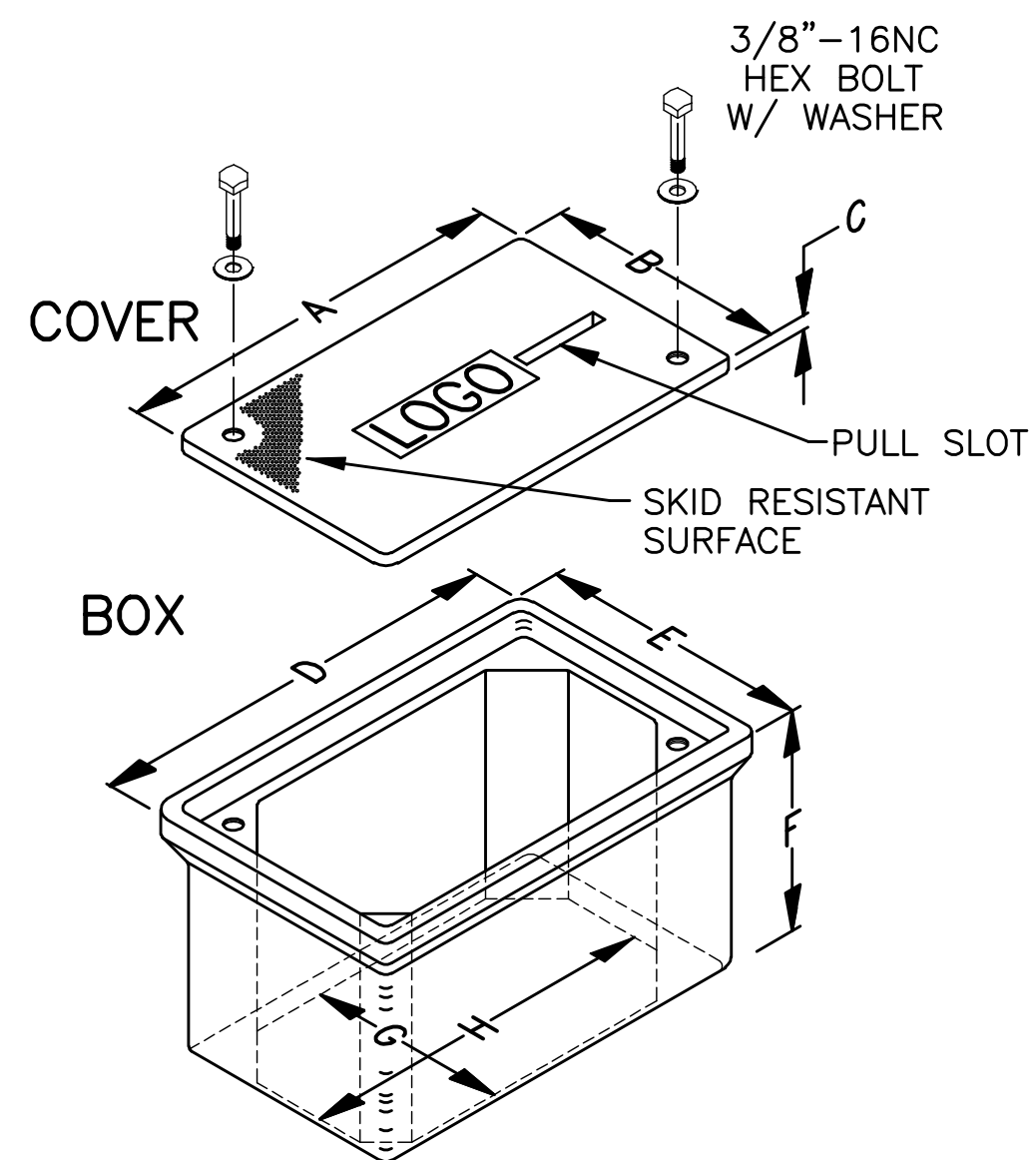


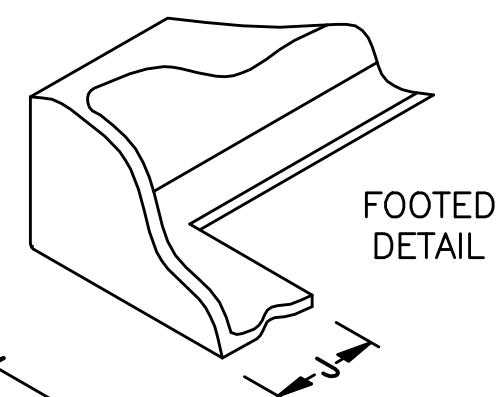
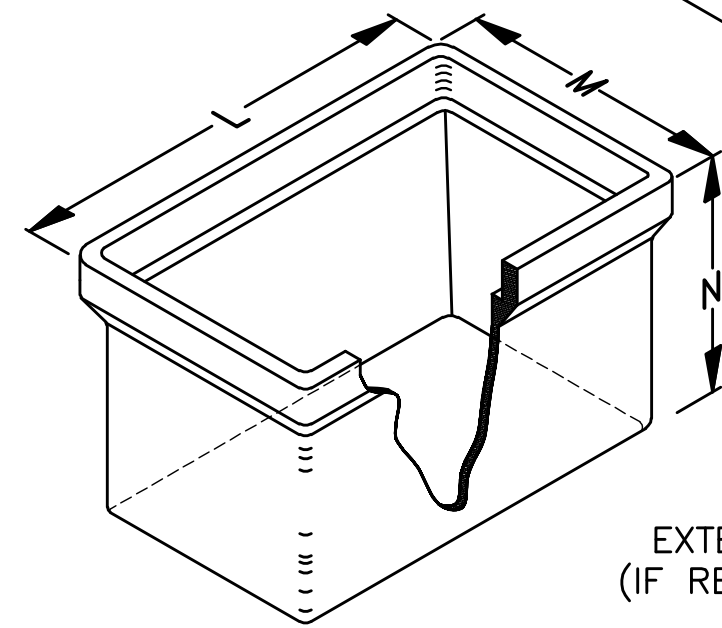
NOTE:  
TOP OF BOX TO EXTEND 1/4" ABOVE EXISTING SIDEWALK WITH NEW SIDEWALK SLOPED UP TO TOP OF BOX.

NOTES:

1. DESIGN DETAILS. JUNCTION BOXES AND LIDS SHALL BE HEAVY DUTY DESIGN AND SHALL CONFORM TO SPECIFICATIONS. BOXES AND LIDS DESIGN/TEST LOAD SHALL BE 15000/22500 LBS. JUNCTION BOXES AND LIDS SHALL BE CONSTRUCTED OF PRECAST POLYMER CONCRETE; BOX ASSEMBLIES SHALL BE NESTABLE. A TWELVE (12) INCH WIDE BY SIX (6) INCH THICK CONCRETE PAD SHALL BE CONSTRUCTED AROUND THE PERIMETER OF ALL JUNCTION BOXES PER CITY-PARISH STANDARD PLANS AND SPECIFICATIONS. THE MAXIMUM DISTANCE BETWEEN JUNCTION BOXES FOR TRAFFIC CONTROL CABLE SHALL BE FIVE HUNDRED (500) FEET.
2. LOCATION. THE PROJECT ENGINEER PRIOR TO INSTALLATION SHALL APPROVE THE LOCATION OF EACH JUNCTION BOX. JUNCTION BOXES SHALL BE LOCATED A MINIMUM OF THREE (3) FEET BEHIND THE CURB OR A MINIMUM CLEARANCE OF TEN (10) FEET FROM THE EDGE OF THE TRAVEL LANE, WHICHEVER IS GREATER.
3. ALL CONDUIT SHALL BE SEALED AT POLES, JUNCTION BOXES AND CONTROL CABINET USING "DUC-SEAL".



SAND & EPOXY COMPOSITION BOX



ELECTRICAL JUNCTION BOX  
H-10 RATED

TYPE BOX	DIMENSION (IN.) (APPROX.)										TYPICAL APPLICATION
	A	B	C	D	E	F	G	H	I	J	
E	23-3/4"	13-3/4"	2"	25"	15-1/2"	12"	11-3/4"	21-1/4"	10"	3/4"	LOOP DETECTORS RUNS & STREET LIGHTING
F	30-1/2"	17-1/2"	2"	32-1/4"	19-1/4"	12"	15-1/2"	28-1/2"	10"	3/4"	MINIMUM BOX SIZE AT ENDS OF JACK & BORED CONDUIT
G	35-5/8"	24"	2"	37-5/8"	26"	18"	22-1/4"	33-7/8"	15"	1/2"	USED TO CONSOLIDATE MULTIPLE CONDUIT/CONDUCTORS RUNS
H	35-5/8"	24"	3"	37-5/8"	26"	36"	22-1/4"	33-7/8"	15"	1/2"	CONSOLIDATE MULTIPLE CONDUITS AT CONTROLLER

NOTE: JUNCTION BOX CAN BE MADE OF CONCRETE, COMPOSITION OF SAND AND EPOXY. HARDWARE SHALL BE STAINLESS STEEL OR BRASS. LOGO SHALL BE TRAFFIC SIGNAL OR STREET LIGHT DEPENDING ON USAGE.



FEBRUARY 27, 2008

STANDARD PLAN NO. 906-01	DATED FEBRUARY 26, 2008	SHEET NO. 5 OF 6
JUNCTION BOX DETAILS		
ENGINEERING DIVISION DEPARTMENT OF PUBLIC WORKS CITY OF BATON ROUGE & PARISH OF EAST BATON ROUGE		
DESIGNED T.E.D.	DRAWN G. VANNICE	CHECKED D. ROSENQUIST
APPROVED I. PARTENHEIMER		

DATE	DESCRIPTION	BY
	REVISIONS	