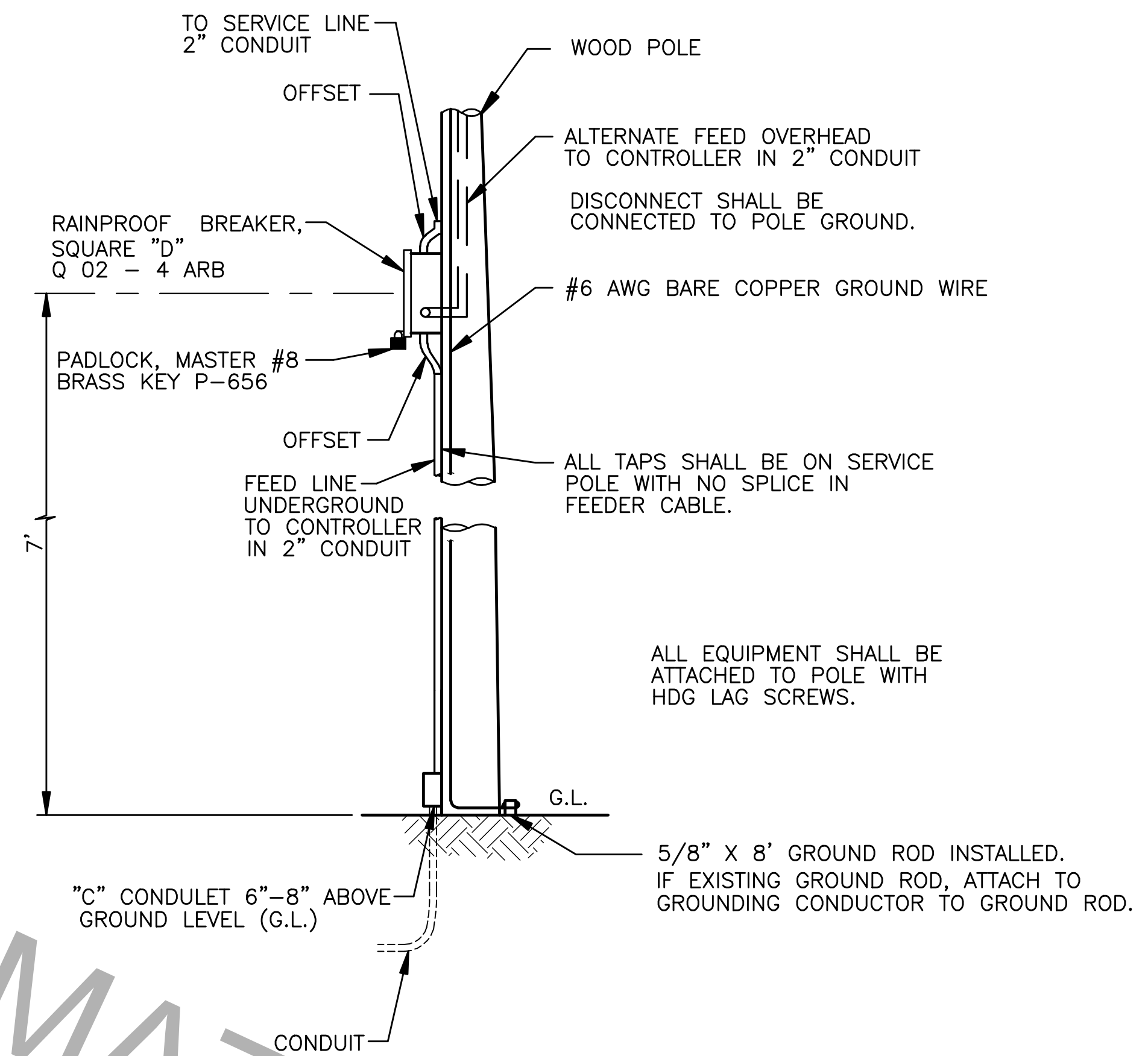


* DISCONNECT PEDESTAL REQUIRED WHEN POWER SOURCE IS LOCATED GREATER THAN 20 FEET FROM CONTROLLER CABINET OR WHEN INDICATED ON PLANS.

(REFER TO SHEET 2 FOR FOUNDATION DETAILS)

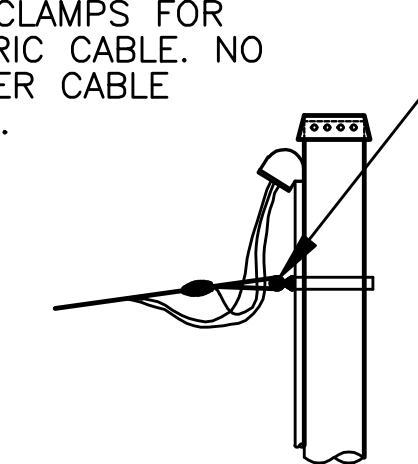


ALL EQUIPMENT SHALL BE ATTACHED TO POLE WITH HDG LAG SCREWS.

"C" CONDULET 6"-8" ABOVE GROUND LEVEL (G.L.)

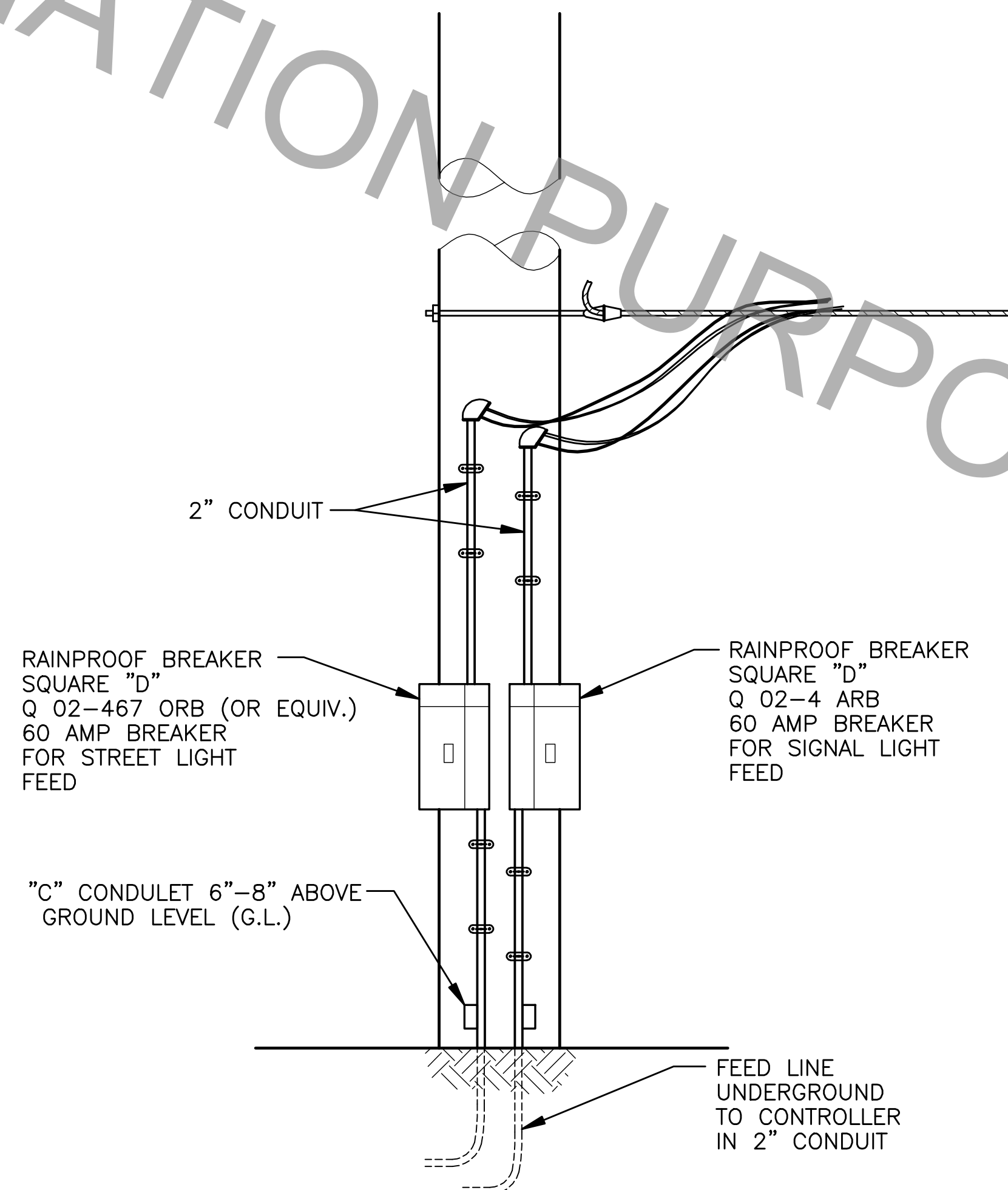
CONDUIT

SERVICE CLAMPS FOR CONCENTRIC CABLE. NO MESSENGER CABLE REQUIRED.



REA APPROVED INSULATED SPOOL SCREW BASE FOR WOOD POLE OR STEEL BAND ON STEEL POLE. OVERHEAD SERVICE TO CONTROLLER AS CALLED FOR ON PLANS OR APPROVED BY PROJECT ENGINEER.

TYPICAL ELECTRICAL SERVICE
BREAKER SIZED ACCORDING TO THE LOAD WITH MINIMUM BREAKER SIZE OF 60 AMP.



DUAL SERVICE FOR TRAFFIC SIGNAL AND STREET LIGHT

PROJECT NO.	SHEET

NOTE: WHERE SHOWN ON THE PLANS, DIRECTIONAL LOUVERS SHALL BE FURNISHED AND INSTALLED IN SIGNAL VISOR. LOUVERS SHALL BE CONSTRUCTED TO HAVE A SNUG FIT IN A TYPE "B" OR "C" VISOR.	TYPE	TYPE	TYPE	APPROXIMATE LENGTH OF VISOR
				8" HEADS 12" HEADS
	A			8" 10" (STANDARD)
	B			8" 11"
	C			10" 11"

NOTES:

1. UNDERGROUND CONDUIT SHALL BE INSTALLED IN A STRAIGHT LINE FROM START TO FINISH. ANY DEVIATION FROM STRAIGHT LINE WILL REQUIRE PRIOR APPROVAL BY THE TRAFFIC ENGINEER.
2. THE CONTRACTOR SHALL NOT RECEIVE DIRECT PAY FOR VERTICAL RUN AT THE START AND FINISH POINTS AS WELL AS ADDITIONAL CONDUIT DUE TO A DEVIATION FROM A STRAIGHT LINE INSTALLATION.
3. ALL CONCRETE SHALL BE CLASS 6A4000 IN ACCORDANCE WITH SECT. 601 OF THE STD. SPEC'S.
4. ALL SERVICE POLES SHALL BE GROUNDED WITH #6 AWG BARE COPPER GROUNDING WIRE.
5. USE EXISTING POLE GROUND OR INSTALLED GROUND WIRE AND ROD.
6. SERVICE SHALL BE 120/240 V. AC AND WIRED WITH THHN-THWN OR XHHW #6 AWG, TWO BLACKS, AND ONE WHITE NEUTRAL, 3 CONDUCTOR, CONCENTRIC CABLE SHALL BE INSTALLED WHERE SERVICE WILL ATTACH TO OR ENTER STEEL SIGNAL POLE.
7. SERVICE CONDUCTORS SHALL BE RUN IN A SEPARATE CONDUIT TO CONTROLLER BASE.
8. CONDUIT STRAPS SHALL BE 2 HOLE, HEAVY DUTY AND SHALL BE INSTALLED BEGINNING AT FITTING OFFSET OR COUPLING, SPACED AT 5' INTERVALS MAXIMUM ON EACH SIDE OF CONDULETS AND ADJACENT TO CABINET. 1/4" x 3" HDG LAG SCREWS SHALL BE USED ON STRAPS.
9. MATERIAL AND METHODS. FROM THE POWER DISCONNECT, A TWO (2) INCH CONDUIT WITH THREE (3) NUMBER SIX (#6) AWG-IC STRANDED COPPER WIRES, TYPE THHN OR THWN INSULATION, SHALL BE TURNED UP THE POWER COMPANY SERVICE POLE TO A HEIGHT DESIGNATED BY THE POWER COMPANY. THE CONTRACTOR SHALL TERMINATE THE CONDUIT WITH A CLAMP ON ALUMINUM SERVICE ENTRANCE FITTING (WEATHERHEAD). WIRES SHALL BE A MINIMUM OF TWO (2) FEET BEYOND THE WEATHERHEAD TO ALLOW CONNECTION TO POWER COMPANY WIRING WITH A DRIP LOOP. COLOR CODING SHALL BE AS FOLLOWS; BLACK=HOT; WHITE=NEUTRAL.
10. POWER SOURCE. POWER SOURCE SHOWN ON THE PLANS IS APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION OF THE POWER SOURCE.
11. ELECTRICAL SUPPLY. THE CONTRACTOR SHALL MAKE ARRANGEMENTS WITH AND PAY THE POWER COMPANY FOR TEMPORARY AND PERMANENT ELECTRICAL SERVICE AND SHALL VERIFY THE EXACT LOCATION AND POINTS OF ATTACHMENT BEFORE INSTALLATION IN ACCORDANCE WITH CITY-PARISH OR LADOTD STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE EVIDENCE OF WRITTEN REQUEST FOR SERVICES TO POWER COMPANY DATED NOT LESS THAN ONE WEEK PRIOR TO START DATE OF CONSTRUCTION.



FEBRUARY 27, 2008

STANDARD PLAN NO. 906-01	DATED FEBRUARY 26, 2008	SHEET NO. 4 OF 6
ELECTRICAL 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	

906-01