

1. ALL STREET LIGHT CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE STANDARD SPECIFICATIONS FOR STREET LIGHTING CITY OF BURLESON, TEXAS, DEPARTMENT OF PUBLIC WORKS.
2. PROPOSED LIGHTING POLE LOCATIONS AND CONDUIT ALIGNMENT SHALL BE STAKED BY THE CONTRACTOR. CONTRACTOR SHALL KEEP A RECORD SET OF PLANS AND MARK ANY DIFFERENCES BETWEEN THE LOCATIONS SHOWN IN THE PLANS AND THE BUILT LOCATIONS. THIS RECORD SET SHALL BE PROVIDED TO THE CITY AT THE TIME OF ACCEPTANCE OF THE WORK.
3. T.X.U. ELECTRIC WILL INSTALL TRANSFORMERS. ALL WORK AT SERVICE INCLUDING SERVICE CONNECTION SHALL BE BY CONTRACTOR.
4. UNDERGROUND LIGHTING CIRCUIT CONDUCTORS SHALL BE TWO XHHN 600 VOLT INSULATED COPPER CONDUCTORS OF THE SIZES INDICATED WITH A BARE COPPER GROUNDING CONDUCTOR OF THE SIZE INDICATED.
5. CONTRACTOR SHALL HAVE ALL EXISTING UTILITIES THAT ARE POSSIBLY IN CONFLICT WITH CONSTRUCTION STAKED HORIZONTALLY AND / OR VERIFIED VERTICALLY PRIOR TO CONSTRUCTION.
6. SCHEDULE 40 PVC CONDUIT SHALL BE USED AND SHALL BE BURIED A MINIMUM OF 30".
7. POLES SHALL BE INSTALLED A MINIMUM OF FOUR FEET FROM FIRE HYDRANTS, TREES, DRAIN LINES, INLETS, DRIVEWAYS, ETC.
8. INSTALL IN LINE FUSES AT ALL SERVICE CONNECTIONS.

9. POLES SHALL BE STEEL, 40'-0" DAVIT DOUBLE ARM, BRONZE IN COLOR WITH 24' X 72" PIER
10. LUMINAIRES SHALL BE AMERICAN ELECTRIC SERIES 114, OR EQUAL, OUTDOOR LIGHTING, HORIZONTAL LUMINAIRES FOR 150 WATT HIGH PRESSURE SODIUM LAMP 120/240 VOLT MULTI-BALLAST. LUMINAIRES SHALL BE A COBRA-HEAD TYPE WITH A FLAT CLEAR LENS AND LIGHTING ASSESSOR. LUMINAIRES SHALL CONFORM TO ALL PROVISIONS OF THE CURRENT CITY OF BURLESON SPECIFICATIONS FOR STREET LIGHTING.
11. INSTALL PHOTO ELECTRIC CONTROLLED LIGHTING CONTROLLER ON POLES WHERE INDICATED. CONTROLLER SHALL BE RCOC REMOTE CONTROL OUTDOOR LIGHTING MODEL MR-UG DOUBLE POLE RELAY TYPE RATED 120/240 VOLTS. THE CABINET OF THE CONTROLLER SHALL BE MADE OF FINISHED CAST ALUMINUM. CONTROLLER SHALL BE FURNISHED COMPLETE WITH PHOTO ELECTRIC CONTROL AND DUAL ELEMENT LOAD OF THE SIZE INDICATED. CONTROLLER AMPERE RATING FUSE SIZE SHALL BE AS NOTED ON THE PLAN SHEETS AT THE POINT OF INSTALLATION. WHERE CONTROLLER IS LOCATED AT MIDPOINT OF THE CIRCUIT, CONNECT BOTH ENDS OF THE CIRCUIT CONNECTORS TO THE COMMON LOAD TERMINALS OF THE LIGHTING CONTROLLER.
12. ALL EXPOSED METAL PARTS ON LIGHTING LUMINARIES AND LIGHTING STANDARDS SHALL BE BONDED TO THE LIGHTING CIRCUIT GROUNDING CONDUCTOR.
13. THERE IS TO BE A MINIMUM CLEARANCE OF 10' BETWEEN THE STREET LIGHT POLES AND ANY OVERHEAD POWER LINES. THE CONTRACTOR SHALL VERIFY THAT NO CONFLICT EXISTS WITH ANY OVERHEAD POWER LINES THAT RUN PARALLEL WITH OR CROSS OVER ROADWAYS BEFORE DRILLING THE PIERS FOR THE POLES. ADJUST THE LOCATION OF THE STREET LIGHT POLES ACCORDINGLY TO INSURE THE 10' MINIMUM CLEARANCE. CONTACT CITY REPRESENTATIVE CONCERNING ALL CONFLICTS.

P-27c	STREETLIGHTING GENERAL NOTES
CITY OF BURLESON	
ORIGINAL	6/6/08 SWC
REVISION	
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REVISION	