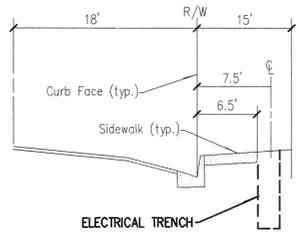
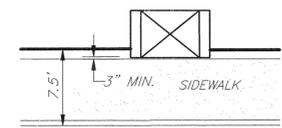


TYPICAL STREET SECTION
SIEGAL AVE. STA. 81+94.42 TO STA. 94+61.86
 N.T.S.

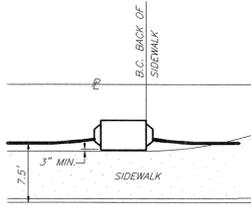


TYPICAL STREET SECTION
DEERCREEK DRIVE
 N.T.S.

***NO JOINT TRENCH W/ GAS ON SIEGAL AVE OR DEERCREEK DR.**



COMMERCIAL SUBSURFACE
TRANSFORMER ENCLOSURE
 NO SCALE



PRIMARY PULLBOX
 NO SCALE

STREET LIGHT LEGEND

- STREET LIGHT ELECTROLIER**
 CONCRETE STANDARD 26"-9" PER ITEM S-3
 LUMINAIRE 150W H.P.S. PER ITEM H-3
 TO BE FURNISHED WITH I.E.S. TYPE 3,
 SEMI-CUT OFF LIGHT DISTRIBUTION,
 LAMP 150W H.P.S. PER ITEM HL-3, AND
 PHOTO CONTROL, ALL PER UGS-800 & UGS-801
- STREET LIGHT ELECTROLIER**
 CONCRETE STANDARD 24"-3" PER ITEM S-2,
 LUMINAIRE 100W H.P.S. PER ITEM H-2,
 TO BE FURNISHED WITH I.E.S. TYPE 2, MEDIUM
 SEMI-CUT OFF LIGHT DISTRIBUTION,
 LAMP 100W H.P.S. PER ITEM HL-2, AND
 PHOTO CONTROL, ALL PER UGS-800 & UGS-801
- 1" DIRECT-BURIED SCHEDULE 40 PVC CONDUIT**
 W/ 2-#8 CU 600V CABLES
- PULLBOX (10"X 17"X 12")**
 PER ITEM #P-1 OF UGS-800, INSTALL PER UGS-320

NOTE: STREET LIGHT SERVICE POINT(S) IS 120V ON DEERCREEK DR AND 240V ON SIEGAL AVE. FEED POINTS TO BE CONFIRMED AT TIME OF CONSTRUCTION.

SYMBOL LEGEND

- APPROX. LENGTH OF RUN
 PRIMARY
 SECONDARY
 QTY., SIZE & TYPE OF CONDUIT IN TRENCH WHERE:
 SCH40 - DENOTES DIRECT-BURIED SCHEDULE 40 PVC
 DB120 - DENOTES DIRECT-BURIED DB-120 PVC
 EB35 - DENOTES EB-35 PVC FULLY ENCASED IN CONCRETE
- TRENCH LINE**
 EXISTING FACILITIES
- COMMERCIAL SUBSURFACE TRANSFORMER ENCLOSURE**
 (5' X 8.5' X 7') PER UTILITY VAULT CATALOG #586-48, OR EQUAL
 PROVIDE W/ (3) STEEL PLATE COVERS, & (2) VENTED GRATES
 & BAFFLES, INSTALL PER UGS-751, WITH GROUND RODS.
- PULLBOX (3' X 5') PARKWAY**
 PER ITEM #PR-7 OF UGS-007 & UGS-304,
 INSTALL PER UGS-310 WITH GROUND RODS.
- PROTECTIVE BARRIERS**
 INSTALL PER UGS-290 AS REQUIRED BY INSPECTOR
- TRANSFORMER SLAB BOX (6' X 8')**
 PER ITEM #SB-3 OF UGS-010 & UGS-721,
 INSTALL PER UGS-722 WITH GROUND RODS.

DEVELOPER PARTICIPATION

1. ALL FACILITIES INSTALLED BY DEVELOPER SHALL BE INSPECTED AND APPROVED BY THE DEPARTMENT CONSTRUCTION INSPECTOR (PH. 782-5429). ANY CHANGES SHALL BE APPROVED BY THE DEPARTMENT PRIOR TO EXECUTION. THE DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING ALL PHASES OF CONSTRUCTION WITH THE DEPARTMENT CONSTRUCTION Supt. (PH. 351-6300) AND INSPECTOR. THE DEVELOPER MAY BEGIN CONSTRUCTION FOR THESE FACILITIES ONLY AFTER A PRE-CONSTRUCTION MEETING IS HELD WITH THE DEPT. STAFF. CONTACT THE INSPECTOR TO ARRANGE THIS MEETING.
2. PROVIDE AND INSTALL ALL SUBSTRUCTURES, CONDUITS, TRENCHING, BACKFILLING, RESURFACING, AS SHOWN IN CONFORMANCE WITH THE FOLLOWING STANDARD DRAWINGS: UGS-020, 100, 100.1, 101, 125, 800 AND STREET LIGHT SPECIFICATION 2-6.
3. ACQUIRE A STREET OPENING PERMIT PRIOR TO EXCAVATING IN STREET RIGHT-OF-WAY.
4. DEPARTMENT CONSTRUCTION INSPECTOR MAY REQUIRE ALL PROPERTY AND/OR EASEMENT LINES TO BE STAKED PRIOR TO TRENCHING FOR ELECTRICAL UNDERGROUND.
5. EXCAVATION FOR POWER SUBSTRUCTURES, CONDUITS AND ELECTROLIER FOUNDATIONS MUST BE DONE AFTER INSTALLATION OF CURBS & GUTTERS, BUT BEFORE INSTALLATION OF CURB RETURNS WITH SPANDRELS, CROSS GUTTERS, SIDEWALKS, AND DRIVE APRONS.
6. INSTALL A WATERPROOF "IN-LINE" FUSE HOLDER ON THE PHASE LEG CONDUCTOR(S) IN THE BASE OF EACH STREET LIGHT STANDARD. FUSE HOLDER TO BE "BUSSMAN TRON" #HEB COMPATIBLE WITH SIZE AND TYPE OF WIRE, WITH A "BUSSMAN" FNM 10 AMP 250V FUSE OR APPROVED EQUAL.
7. MARK INSTALLATION DATE ON PHOTO CONTROLS AND LAMPS AS PROVIDED FOR BY MFR.
8. ALL CONTRACTORS WORKING ON OR AROUND THE DEPARTMENT'S UNDERGROUND ELECTRICAL FACILITIES MUST HAVE THE PROPERLY QUALIFIED PERSONNEL AND EQUIPMENT TO PERFORM THE SPECIFIED WORK. THE CONTRACTOR WILL BE SOLELY RESPONSIBLE TO ESTABLISH AND MAINTAIN A SAFE WORKING ENVIRONMENT INCLUDING, BUT NOT LIMITED TO WORK AROUND ENERGIZED HIGH VOLTAGE FACILITIES, GAS TESTING OF CONFINED SPACES, TRAFFIC AND PROTECTION. THE DEPARTMENT'S POLICY IS TO PROVIDE ONE (1) QUALIFIED OBSERVER AFTER 24 HOURS NOTICE, TO STAND BY DURING WORK AND PROVIDE RADIO CONTACT WITH CITY OPERATIONS CONTROL.
9. THE CITY OBSERVER HAS THE AUTHORITY TO STOP THE CONTRACTOR'S WORK IF HE DETERMINES THAT ADEQUATE SAFETY PRECAUTIONS ARE NOT BEING TAKEN. HOWEVER, THE PRESENCE OF THE CITY OBSERVER DOES NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR INSURING SAFE AND APPROPRIATE WORK PRACTICES.
10. ALL APPLICABLE SERVICE CHARGES TO BE PAID TO THE DEPARTMENT PRIOR TO INSTALLATION OF DEPARTMENT FACILITIES.
11. METER ROOM DOOR TO HAVE SCHLAGE LOCK KEYED TO DEPARTMENT MASTER KEY; OR DOUBLE HASP.

DEPARTMENT PARTICIPATION

1. PROVIDE AND INSTALL ALL CABLES, TERMINATIONS, AND TRANSFORMERS FROM SOURCE TO TERMINATING PULLSECTION OR PULLBOX AS SHOWN IN CONFORMANCE WITH STANDARD CONSTRUCTION METHODS (STREET LIGHT FACILITIES EXCEPTED). MATERIALS TO BE SPECIFIED ON JOB MATERIAL LISTS.
2. OBTAIN CIRCUIT NUMBER AND RECLOSER TYPE FROM SUBSTATION OPERATOR.
3. ALL STREET LIGHT SERVICE POINTS TO BE CONNECTED BY DEPARTMENT AND ENERGIZED WHEN CLEARED BY DEPARTMENT INSPECTOR.
4. STREET LIGHT TRANSFORMERS ARE 1# 12000 GRD. Y/6930V-120/240V BURDS. PARK TRANSFORMER IS A 3#-12470 GRD. Y/7200-480Y/277 PADMOUNT.
5. FOR ENGINEERING INFORMATION AND/OR STAKING CONTACT JULIAN CARDENAS AT 782-5937 OR JOHN SEVEY AT 782-5850.



"PRELIMINARY ONLY"
NOT FOR CONSTRUCTION
 JC 7/30/99

VICINITY MAP
 NTS

REF. DWGS: U/L5-13755, U/L5-8691, U/L5-4375-2
 U5-684250, U5-684252, L5-1112



UNDERGROUND ELECTRICAL DISTRIBUTION FOR: Orange Terrace Community Park Deercreek Drive And Orange Terrace Parkway			
SCALE: 1" = 40'	DRAWN: J. Cardenas	CITY OF RIVERSIDE	
DATE: 7/30/99	CHECKED:	DEPARTMENT OF PUBLIC UTILITIES	
JPA NO: N/A	APPROVED:	DIV. U/L5-69	
MAP BK: 87-8	BOARD DATE:	E SHEET 1 OF 3	
CASE NO: PM-28919	ACCT: 510-764200-470601		

