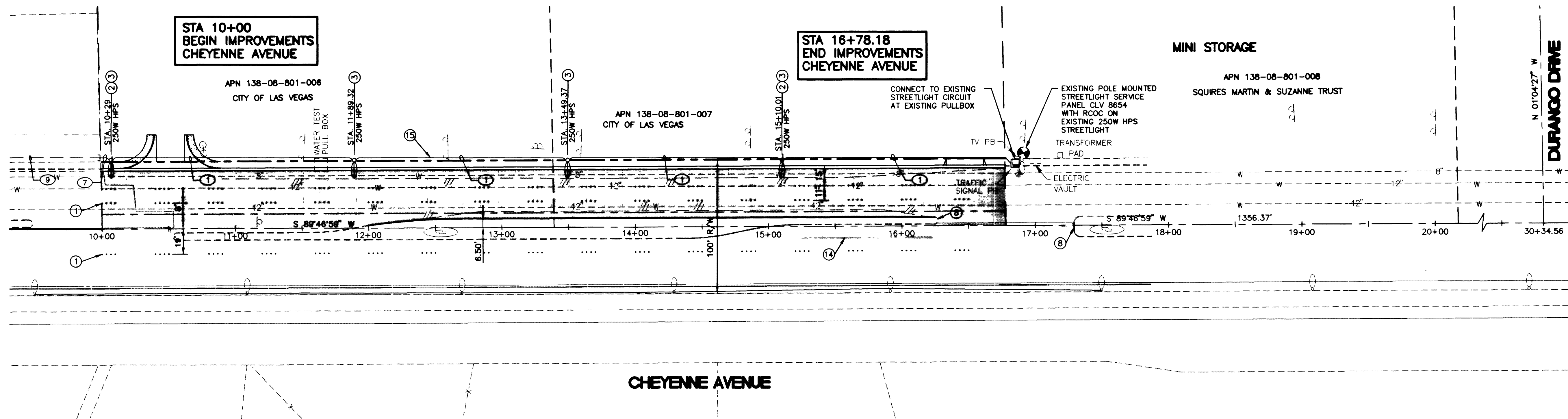




STREET LIGHTING NOTES:

- ① 2#4, 1#8, 2" PVC.
- ② CONNECT TO EXISTING CIRCUIT. PROVIDE 2#4, 1#8 THW FROM EXISTING LUMINAIRE AND POLE TO NEW LUMINAIRE AND POLE WITHOUT SPLICES.
- ③ 2#4, 1#8 IN EXISTING 2" PVC (SEE NOTE 2).
- ④ EXISTING 2#4, 1#8, 2" PVC.
- ⑤ EXISTING PULLBOX.
- ⑥ 2" PVC WITH PULLSTRING.
- ⑦ 2#4, 1#8, 2" PVC. CONNECT TO EXISTING CONDUIT, EXTEND NEW WIRE TO EXISTING LUMINAIRE. DO NOT CONNECT WIRES AT EITHER END OF CONDUIT.
- ⑧ 2#4, 1#8, 2" PVC. DO NOT CONNECT WIRES AT EITHER END OF CONDUIT.
- ⑨ 2#4, 1#8 IN EXISTING 2" PVC (SEE NOTE 7).

STREET LIGHTING LEGEND:

- PULLBOX, SIZE NO. 3-1/2 UNLESS NOTED OTHERWISE. INITIALS INDICATE OWNERSHIP.
- TRAFFIC SIGNAL POLE AND 400W HPS INTERSECTION LUMINAIRE.
- EXISTING SERVICE PEDESTAL, PAD MOUNTED.
- NEW II GAGE LIGHTING STANDARD AND 150W HPS LUMINAIRE.
- NEW II GAGE LIGHTING STANDARD AND 200W HPS LUMINAIRE.
- NEW II GAGE LIGHTING STANDARD AND 250W HPS LUMINAIRE.
- EXISTING 200W HPS LUMINAIRE AND POLE.
- EXISTING 250W HPS LUMINAIRE AND POLE.
- EXISTING CONDUIT.
- NEW CONDUIT.
- NPCCO TRANSFORMER LOCATION.
- PHOTOCELL.
- POLE MOUNTED SERVICE PANEL AND RCOG.

Street Lighting and Intersection General Notes:

1. The contractor shall be responsible for damage to all existing utilities. The locations of underground utilities, as shown on the plans, are approximate only. It shall be the responsibility of the contractor to verify the exact location and depth. The utility shall be notified at least 72 hours prior to commencement of construction.
- C.L.V. Traffic and Electrical Field Operations 229-6331
Call-Before-You-Dig 1-800-227-2600
LVACTS 229-6611
2. All pullboxes shall be pre-cast reinforced concrete with cast iron covers marked "Street Lighting", or "Traffic Signal", as applicable. Pull boxes located in unpaved areas shall be provided with a concrete collar per USD No. 329.
3. All conduits shall be routed within the right-of-way.
4. The placing of traffic signal poles and cabinets shall be as indicated on the plans. All changes shall be approved by the City Engineer.
5. The placement of all street lighting and traffic signal equipment shall allow 36" minimum clearance for ADA compliance.
6. Pullbox locations as shown on the plans are diagrammatic only. Pullboxes shall not be installed within the sidewalk ramps.
7. All signal poles shall conform to USD drawing No. 404.406 sheets 1 through 6.
8. Traffic signal (intersection) luminaires are to be wired continuously to meter pedestal using 2 #10 stranded and 1 #8 green THW wire. Ten feet of slack shall be left in poles. Each luminaire shall be fused individually with a 10 amp fuse in bottom of meter pedestal.
9. Intersection lighting luminaires shall be 400 watt HPS with ANSI/AES M.C. III distribution, integral photoelectric control, 120 volt magnetic regulator ballast, glass lens, and charcoal filter; GE No. M4AC40S1M2GMC32 or approved substitute. The luminaire arm shall provide for 35' mounting height.

* SERVICE PANEL SP-2500, 1 PH, 3 WIRE, 120/240 VOLTS, 200 AMP, MAIN CB MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: CHEYENNE NEHA 3R L.LIGHTS, RECEPTACLES, MECHANICAL EQUIPMENT, 50-SPACE ONLY, 50-SPACE CIRCUIT, EXISTING, 600V BREAKER NO-MAIN LUGS ONLY, NO-MAIN CIRCUIT BREAKER, NNNNN					
POLE SPACE	CIRCUIT USE	QCT RATING	CONNECTED LOAD VA	QCT RATING	CIRCUIT USE
QCT #			A B		
1	MAIN				
3	X				MAIN
1 5	E -STREET LIGHTS	60/2	2100		X
7	X		2100		50
3 4	E -CONTROLLER	60		15	E SC
5 11	E -LUMINAIRES	40	1060	60	E -CONTACTORS C1, C2
13					
15					
			5700 3460 9660		

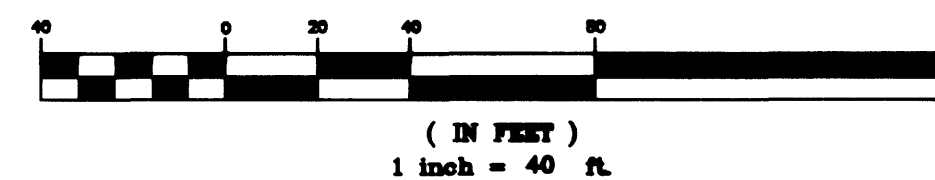
CONTRACTOR SCHEDULE

CONTRACTOR #	RATING	No. POLES	QCT #S
E-C1	60	2	1
E-C2	60	2	2

* EXISTING SERVICE PEDESTAL

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GRAPHIC SCALE



TRAFFIC NOTES:

- ① INSTALL TYPE 5 LANE IN ACCORDANCE WITH STANDARD DRAWING NO. 244A.
- ② INSTALL R7-1 "NO PARKING ANY TIME" SIGN WITH SUPPLEMENTAL DIRECTIONAL PLATE.
- ③ INSTALL STREET LIGHT IN ACCORDANCE WITH UNIFORM STANDARD DRAWING NO. 311, 8'-0" MAST ARM, UNIFORM STANDARD DRAWING NO. 314, FOUNDATION ON UNIFORM STANDARD DRAWING NO. 321 AND 250W HIGH PRESSURE SODIUM LUMINAIRE. SEE LEGEND ON SHEET PDG 12.
- ⑤ INSTALL 10' LONG CROSSWALK PER UDS No.204.
- ⑥ INSTALL 24" COLD POLYMER FILM STOP BAR.
- ⑦ INSTALL LANE DELINEATION IN TRANSITION SECTIONS IN ACCORDANCE WITH STANDARD DRAWING NO. 246, LENGTH PER PLAN.
- ⑧ INSTALL MEDIAN NOSE MARKINGS IN ACCORDANCE WITH STANDARD DRAWING NO. 248.
- ⑨ INSTALL NO. 5. PULLBOX IN ACCORDANCE WITH STANDARD DRAWING NO. 404.120.
- ⑩ INSTALL R2-1 SPEED LIMIT SIGN 24"x 30" (35 MPH).
- ⑪ INSTALL R2-1 SPEED LIMIT SIGN 24"x 30" (45 MPH).
- ⑫ INSTALL TYPE 2 CENTERLINE IN ACCORDANCE WITH STANDARD DRAWING NO. 244.
- ⑬ INSTALL R1-1 STOP SIGN.
- ⑭ STANDARD PAVEMENT MARKERS ADDED PER TURN LANE IN ACCORDANCE WITH STANDARD DRAWING NO. 246.
- ⑮ INSTALL 3" INTERCONNECT CONDUIT IN ACCORDANCE WITH SPECIFICATION 623G.02.01. (WITH 25 PAIR #22 AWG WIRES TYP)

Avoid cutting underground utility lines. It's costly.

Call before you Dig

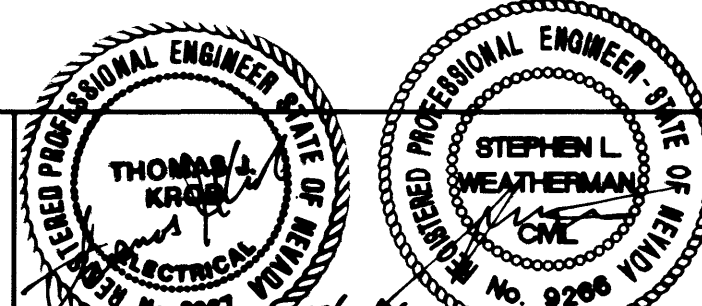
1-800-227-2600

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POGGEMEYER DESIGN GROUP
ENGINEERS PLANNERS SURVEYORS LANDSCAPE ARCHITECTS
2801 NORTH TENAYA WAY
LAS VEGAS, NEVADA 89128 (702) 258-8100

GREELEY AND HANSEN ENGINEERS
4625 SOUTH POLARIS AVENUE, SUITE 210
LAS VEGAS, NEVADA 89103 (702) 736-7062

DESIGNED SW
DRAWN FT
CHECKED MBH



NO.	DATE	APPD	REVISION

CITY OF LAS VEGAS, NEVADA
DEPARTMENT OF PUBLIC WORKS
NORTHWEST WATER RESOURCE CENTER
100% DESIGN

TRAFFIC IMPROVEMENTS
CHEYENNE ROAD STA 10+00 TO STA 21+00
TRAFFIC PLAN

PROJ. NO. 7190
DWG PDG 12
SHEET 102 OF 106
DATE 07.21.98 REV 0