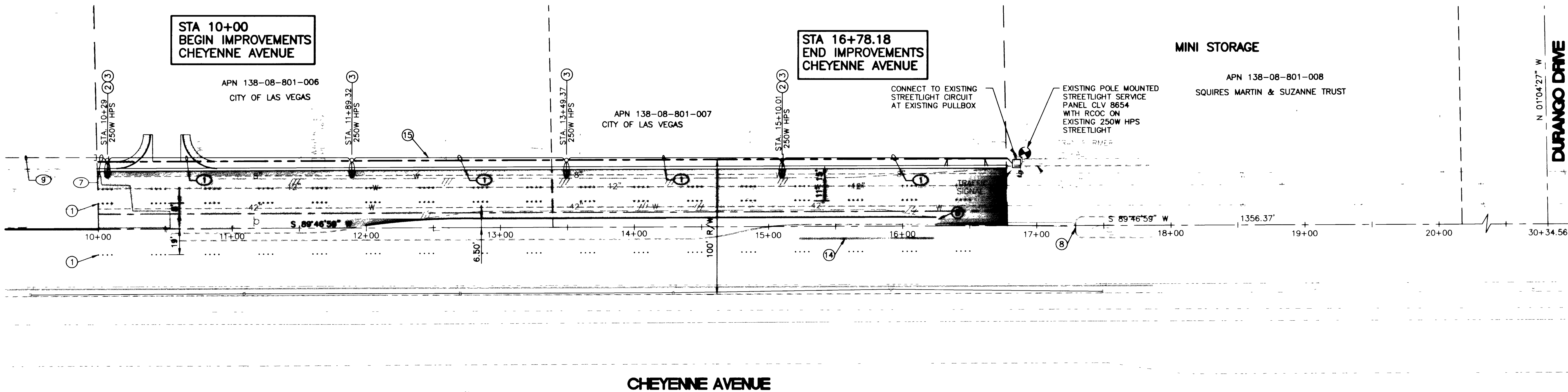




STREET LIGHTING LEGEND:

- 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
- NPCO TRANSFORMER LOCATION.
- PHOTOCELL
- POLE MOUNTED SERVICE PANEL AND RCOC.

STREET LIGHTING NOTES:

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

Street Lighting and Intersection General Notes:

- 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
- 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.
- All conduits shall be routed within the right-of-way.
- The placing of traffic signal poles and cabinets shall be as indicated on the plans. All changes shall be approved by the City Engineer.
- The placement of all street lighting and traffic signal equipment shall allow 36" minimum clearance for ADA compliance.
- Pullbox locations as shown on the plans are diagrammatic only. Pullboxes shall not be installed within the sidewalk ramps.
- All signal poles shall conform to USD drawing No. 404.406 sheets 1 through 6.
- 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.
- Intersection lighting luminaires shall be 400 watt HPS with ANSI/IES M.C. III distribution, integral photoelectric control, 120 volt magnetic regulator ballast, glass lens, and charcoal filter; GE No. M4AC4051M2GMC32 or approved substitute. The luminaire arm shall provide for 35' mounting height.

* SERVICE PANEL SP-0500, 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, R-RECEPTACLES, M-MECHANICAL EQUIPMENT, SO-SPACE ONLY, SC-SPACE CIRCUIT, E-EXISTING, G-GFI BREAKER MO-MAIN LUGS ONLY, MOB-MAIN CIRCUIT BREAKER, N-NEN									
POLE SPACE	CIRCUIT USE	GKT BKR RATING	CONNECTED LOAD VA	GKT BKR RATING	CIRCUIT USE	POLE SPACE			
GKT			A B			GKT			
1	MAIN				MAIN	2			
3	X				X	4			
1 5	E-STREET LIGHTS	60/2	2100		SO	6			
7	X	X	2100		SC	8 2			
3 4	E-CONTROLLER	60			X	10			
5 11	E-LUMINAIRES	40	1660	60	E-CONTROLLERS C1, C2	12 4			
13						14			
15						16			
			5100 3460						
			9660						

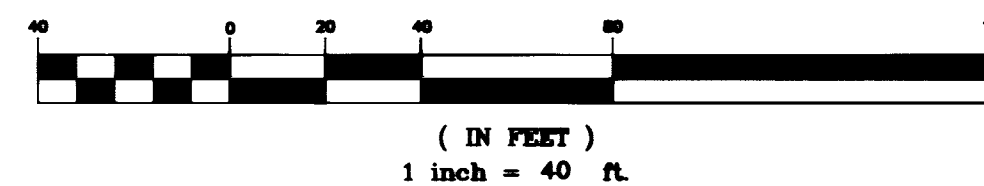
CONTRACTOR SCHEDULE

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

* EXISTING SERVICE PEDESTAL

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GRAPHIC SCALE



TRAFFIC NOTES:

- INSTALL TYPE 5 LANE IN ACCORDANCE WITH STANDARD DRAWING NO. 244A.
- INSTALL R7-1 "NO PARKING ANY TIME" SIGN WITH SUPPLEMENTAL DIRECTIONAL PLATE.
- 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.
- INSTALL 10' LONG CROSSWALK PER UDS No.204.
- INSTALL 24" COLD POLYMER FILM STOP BAR.
- INSTALL LANE DELINEATION IN TRANSITION SECTIONS IN ACCORDANCE WITH STANDARD DRAWING NO. 246, LENGTH PER PLAN.
- INSTALL MEDIAN NOSE MARKINGS IN ACCORDANCE WITH STANDARD DRAWING NO. 248.
- INSTALL NO. 5, PULLBOX IN ACCORDANCE WITH STANDARD DRAWING NO. 404.120.
- INSTALL R2-1 SPEED LIMIT SIGN 24"x 30" (35 MPH).
- INSTALL R2-1 SPEED LIMIT SIGN 24"x 30" (45 MPH).
- INSTALL TYPE 2 CENTERLINE IN ACCORDANCE WITH STANDARD DRAWING NO. 244.
- INSTALL R1-1 STOP SIGN.
- STANDARD PAVEMENT MARKERS ADDED PER TURN LANE IN ACCORDANCE WITH STANDARD DRAWING NO. 246.
- INSTALL 3" INTERCONNECT CONDUIT IN ACCORDANCE WITH SPECIFICATION 623G.02.01. (WITH 25 PAIR #22 AWG WIRES TYP)

RECORD DRAWINGS NOT FOR CONSTRUCTION

- TO ALTER THESE DOCUMENTS FOR ANOTHER PROJECT BY ANYONE OTHER THAN THE ORIGINAL ARCHITECT IS A VIOLATION OF NRS 623.
- THIS RECORD DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY THE GENERAL CONTRACTOR. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, THE DESIGN PROFESSIONAL CANNOT ASSURE ITS ACCURACY, AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING OR FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THE DESIGN PROFESSIONAL CANNOT AND DOES NOT WARRANT THEIR ACCURACY.
- INFORMATION THAT MAY BE INCLUDED WOULD BE SIGNIFICANT CHANGES TO ROOM ARRANGEMENTS ON THE FLOOR PLANS AND ASSOCIATED DRAWINGS, MINOR DIMENSION OR CONSTRUCTION DETAIL CHANGES MAY NOT BE INCLUDED.

CONTRACTOR

DATE

Avoid cutting underground utility lines. It's costly.

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before you
Dig

1-800-227-2600

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(702) 871-3621

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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