

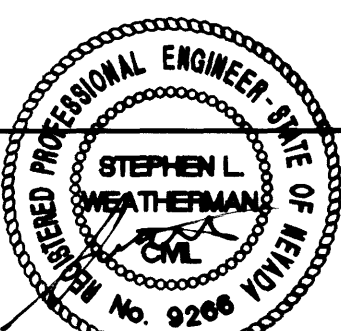
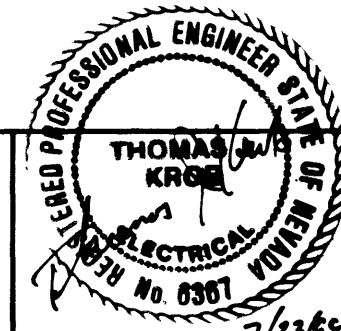
6:430001 95178/R12 8-22-97 10:23:46 am EST
FILE: 000000 SCALE: 1:1 03/25 1997 at 09:31 - 0400-002-113-44

TJKROB CONSULTING ENGINEERS, INC.
1919 S. JONES BLVD. SUITE B
LAS VEGAS, NEVADA 89146
(702) 871-3621

POGGEMEYER DESIGN GROUP
ENGINEERS PLANNERS SURVEYORS
LANDSCAPE ARCHITECTS
2801 NORTH TENAYA WAY
LAS VEGAS, NEVADA 89128 (702) 255-8100

GRIFFLEY 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
GOWAN ROAD STA 10+00 TO STA 30+43.55
TRAFFIC PLAN

PROJ. NO. 7190
DWG. PDG 10
SHEET 100 OF 106
DATE 07.21.98 REV 0

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).

* SERVICE PANEL SP-1, 1 PH., 3 WIRE, 120/240 VOLTS, 200 AMP, MAIN CB MIN INTERRUPTING RATING 10,000 RMS SYM AMPS LOCATION: 29 + 50 NEHA 3R									
LUMINAIRES, RECEPTACLES, MECHANICAL EQUIPMENT, SO-SPACE ONLY, SC-SPACE CIRCUIT, EXISTING, G-101 BREAKER M-MAIN LUMS ONLY, M-MAIN CIRCUIT BREAKER, N-MAIN									
POLE SPACE	CIRCUIT USE	QKT RATING	CONNECTED LOAD VA	QKT BKR RATING	CIRCUIT USE	POLE SPACE	QKT RATING	CONNECTED LOAD VA	QKT BKR RATING
#			A B			#			
1	MAIN		-----			2		-----	
3	X		-----		MAIN	4		-----	
1 5	GOWAN RD., SOUTH SIDE E-STREET LIGHTS	60/2	1350 200		X	4			
7	X	X	1350 200	15	E-CONTACTOR C1	6 2			
3 4	DURANGO, WEST SIDE E-STREET LIGHTS	60/2	1285 1860	15	E-CONTACTOR C2	8 4			
11	X	X	1285 3600	40	INTERSECTION LIGHTS E -(INCLUDES FUTURE)	10 6			
13			-----	60	FUTURE TRAFFIC E -SIGNAL CONTROLLER	12 8			
15			-----			14		-----	
			4645 6435			16		-----	
			11130						

CONTACTOR SCHEDULE

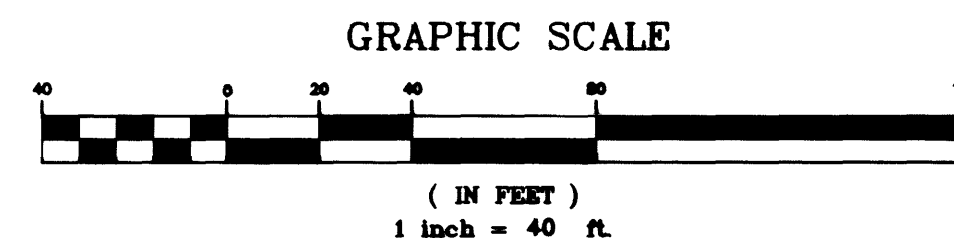
CONTACTOR #	RATING	No. POLES	QKT #'S
E-C1	60A	2	1
E-C2	60A	2	3

* EXISTING SERVICE PANEL

Copyright (C) 1998 by T.J. KROB CONSULTING ENGINEERS, INC.

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 200W HIGH PRESSURE SODIUM LUMINAIRE. SEE LEGEND ON SHEET PDG 12.
- INSTALL 10' LONG CROSSWALK PER USD No.254
- INSTALL 24" COLD POLYMER FILM STOP BAR.
- INSTALL MEDIAN NOSE MARKINGS IN ACCORDANCE WITH STANDARD DRAWING NO. 248.
- INSTALL NO. 5. PULL BOX 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 1/2 PULL BOX IN ACCORDANCE WITH UNIFORM STANDARD DRAWING NO. 404.110
- 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