



- LEGEND**
- PULLBOX SIZE NO. 3-1/2 UNLESS NOTED OTHERWISE INITIALS INDICATE OWNERSHIP
  - TRAFFIC SIGNAL POLE AND 400W HPS INTERSECTION LUMINAIRE
  - SERVICE PEDESTAL, PAD MOUNTED
  - NEW 11' SAGE LIGHTING STANDARD AND 150W HPS LUMINAIRE
  - NEW 11' SAGE LIGHTING STANDARD AND 200W HPS LUMINAIRE
  - NEW 11' SAGE LIGHTING STANDARD AND 250W HPS LUMINAIRE
  - EXISTING 200W HPS LUMINAIRE AND POLE
  - EXISTING 250W HPS LUMINAIRE AND POLE
  - EXISTING CONDUIT
  - NEW CONDUIT
  - NPGO TRANSFORMER LOCATION
  - PHOTOCELL
  - POLE MOUNTED SERVICE PANEL AND REGG.

**ELECTRICAL LIGHTING PLAN**  
SCALE: 1"=40'-0"

**NOTES (THIS SHEET ONLY):**

- ① NOT USED
- ② 2" PVC WITH PULLSTRINGS STUB OUT AND CAP 5' BEYOND PROJECT LIMITS. MARK LOCATION AS DIRECTED BY CLV.
- ③ INSTALL NO. 3-1/2 PULLBOX AT LOCATION OF FUTURE TRAFFIC SIGNAL CONTROLLER. VERIFY LOCATION WITH CLV.
- ④ NOT USED
- ⑤ 2" PVC INTERCONNECT CONDUIT WITH PULLSTRINGS
- ⑥ NOT USED
- ⑦ 2#4 1#8 2" PVC (CKT 1)
- ⑧ 2#4 1#8 3#10 2" PVC (CKT 1, PHOTOCELL)
- ⑨ (2) 2" PVC EACH WITH 2#4 1#8 3#10 (CKTS 1, 3 AND PHOTOCELLS)
- ⑩ 2#4 1#8 3#10 2" PVC (CKT 3)
- ⑪ 2" PVC FUTURE TRAFFIC SIGNAL CONTROLLER POWER
- ⑫ 3#8/10 2" C.
- ⑬ 2#10 1#8 2" C FOR INTERSECTION LUMINAIRE
- ⑭ 4) 3" PVC WITH PULLSTRINGS TO TEMPORARY PULLBOX AT LOCATION OF FUTURE TRAFFIC SIGNAL CONTROLLER. SEE SHEET SL2 FOR CONTINUATION.

**CHEYENNE / DURANSO PARK**  
October 28, 1997

**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.
- CLV, Traffic and Electrical Field Operations 224-6381  
Call Before You Dig 1-800-227-2600  
LVACTS 224-6611
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 unimproved areas shall be provided with a concrete collar per USD No. 324.
3. All conduits shall be routed within the right-of-way.
4. The placement 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 THN 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/IES M.C. III distribution integral photoelectric control, 120 volt magnetic regulator ballast, glass lens and charcoal filter. SEE No. M4AC428M26MC32 or approved substitute. The luminaire arm shall provide for 35' mounting height.

**RECORD DRAWINGS**  
39 of 118  
650.59

SERVICE PANEL SP-1, 1 PH, 3 WIRE, 120/240 VOLTS, 200 AMP, MAIN CB, MIN INTERRUPTING RATING 10,000 RMS SYM AMPS, LOCATION: 24 + 50 NEMA BR

POLE SPACE	CIRCUIT USE	WIRE	CONDUCTOR	TERMINAL	CIRCUIT USE	POLE SPACE
CKT #						CKT #
1	MAIN				MAIN	2
3	GOVAN RD., SOUTH SIDE STREET LIGHTS	60/2	T70			4
5		200			CONTRACTOR C1	6, 2
7	DURANSO WEST SIDE STREET LIGHTS	60/2	T70			8, 4
9		200			CONTRACTOR C2	
11		60/2	1050		INTERSECTION LIGHTS	10, 6
			1050	40	(INCLUDES FUTURE FUTURE TRAFFIC SIGNAL CONTROLLER)	12, 6
13			3600	60		14
15						16
			5800	5620		
				1500		

**CONTACTOR SCHEDULE**

CONTACTOR #	RATING	NO. POLES	CKT. #
1	60A	2	1
2	60A	2	3

PROVIDE SEPARATE BYPASS SWITCH FOR EACH CONTACTOR  
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