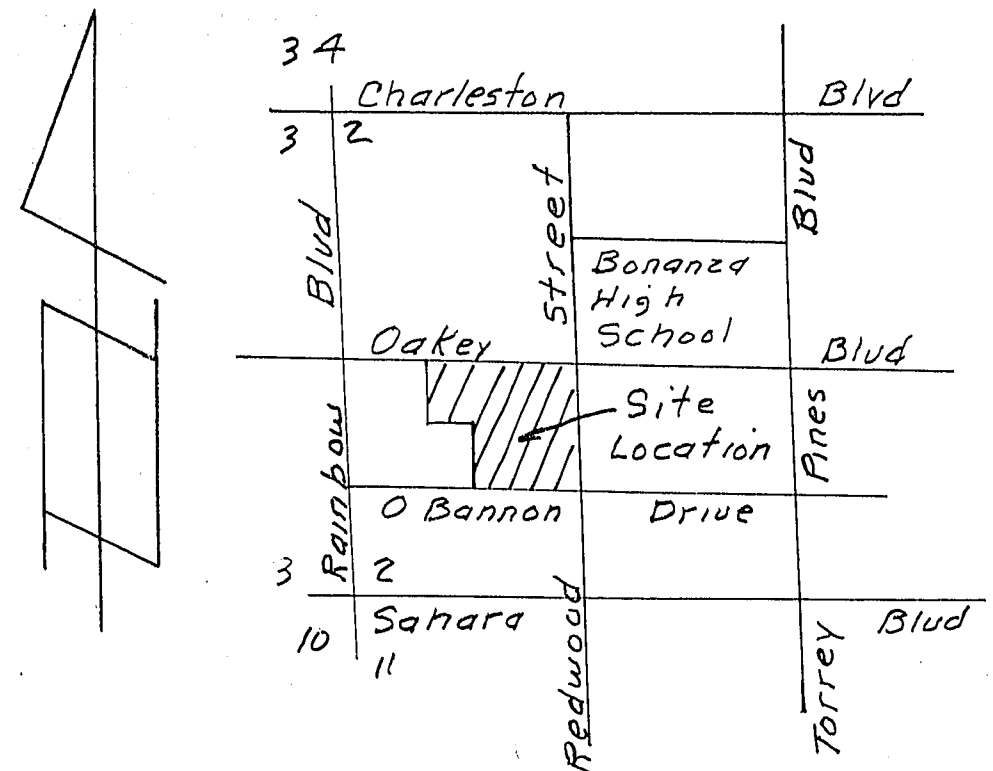
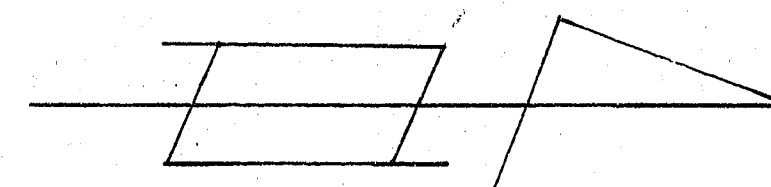


LEGEND & QUANTITY ESTIMATE

Unit 2
 175 Watt MVL 19 Ea
 400 Watt MVL 5 Ea
 1/4" Sch 40 Conduit 4754 LF
 3/2" Conc P.B. w/metal Cover 4 Ea

Unit 3
 175 Watt MVL 3 Ea
 1/4" Sch 40 Conduit 535 LF



VICINITY MAP
No Scale

GENERAL NOTES

- Street light circuit shall be multiple 120/240 V 1Ø 3 wire.
- Control shall be multiple relay (Southbend type MR-UG 60 amp, MR-UG 100 amp, or approved equal) complete with photo-cell (Fisher Pierce #6690-B or approved equal), and either a 60 amp or 100 amp depending on lead.
- Wire shall be two (2) #4 THW and one (1) #6 THW white for 60 amp and/or two (2) #2 THW and one (1) #6 TW white for 100 amp circuit. All wire to be copper.
- In-line fuses shall be installed in both hot legs and located in the base of the pole (HBB-AA or approved equal, fused at 10 amps).
- Conduit shall be 1 1/2" PVC Schedule 40; minimum cover over pipe to be two feet.
- Luminaires shall be Mercury Vapor 120/240 V, per Clark County Specifications. Wire for 240 volt operation.
- Service point shall be designated by Nevada Power Company and wherever possible, be located near the center of the circuit. Nevada Power Company signature necessary on all points.
- All street lighting installations shall conform to Clark County Uniform Standard Drawings and Specifications.
- All street light standards shall be placed five (5) feet back of curb to center of pole.
- Electric service shall be 100 amp on all circuits. Wiring shall be two (2) #2 THW copper (colored) and one (1) #4 THW copper (white). (Fuses, however, shall be either 100 amp or 60 amp, depending on ROCC lead.) A #4 S.D. copper shall be pulled from the neutral bar to the pole ground for bonding.
- Included in the service enclosure shall be a single pole single throw switch, 5 amp minimum for manual control of the multiple relay. Two (2) #12 TH copper wires to be pulled from the safety switch to the ROCC (Clark County will connect).
- It shall be assumed that in the absence of any existing, workable circuit to attach to, an installation shall require a new service for operation of the circuit.
- In the event that luminaires equipped with photo-electric relay sockets are used when not applicable, an approved shorting cap (OE #403G003A or approved equal) will be installed where necessary for proper weather protection of luminaires.
- Any place there is an overhead utility that may conflict with the installation of street lighting circuits and/or poles, these conflicts must be resolved between the developer and the utilities involved, at no expense to Clark County.
- Where streets have no sidewalks place street lights 18" behind the concrete curb.

NOTE

The power poles in Redwood Street belonging to NPC to either be removed or raised to clear street lights by the developer.

SUBMITTED BY

Charley R Johnson 5/11/76
 Charley R Johnson RPE date
 Nev Cert. 3005

REDWOOD ST.

Bonanza High School
 Ex Street Lights

APPROVED BY

Clark County Traffic Division date
 D. J. Lister (Rev. DR 11-15-76) 6-24-76
 Clark County Electrical Division date

Clark County Engring. Dept date

Nevada Power Company approves the point of service to the street light system. This shall not be deemed to consent to the placement of the light poles which may be in conflict with Nevada Power Company's prior rights and/or facilities.

23 JUN 76
 (Date)

by Fred L. Lister
 NEVADA POWER COMPANY

CONSULTING ENGINEERS • PLANNERS
 2209 PARADISE ROAD, LAS VEGAS, NEVADA 89105
 17021 735-0227



WILDWOOD RANCH ESTATES
 UNIT NO 2 & 3
 MASTER STREET LIGHT PLAN

SCALE:	WO. NO. 2381	DATE	SHEET	OF
HORIZ: 1"=60'	DES.	REV.	13	13
VERT: CHK.	REV.			

4-9-85

201 Y-3337-2,3