

SCALE: 1" = 50'

STREET LIGHT SPECIFICATIONS
City of Las Vegas, Nevada

Standards for 51' R/W and 60' R/W streets shall be Pacific Union Metal Co. Design F.B. 330-B1-8 or F.B. 1130-B1-8 with Modifications L-39 and 14, or approved equal. There shall be at least one pole at each intersection.

Standards for 80' R/W streets and over shall be Pacific Union Metal Co. Design F.B. 330-B1-8 or F.B. 1130-B1-8 with Modification 14, or approved equal.

On 80' R/W streets there shall be 2 poles on diagonal corners.

On 100' R/W streets there shall be one pole at each corner.

Mercury Vapor Luminaires to be used on 51' R/W and 60' R/W streets, except at intersections, shall be 175 Watt, series circuit, 6.6 amp., I.E.S. Distribution Type 3, Line Material Catalog #L3M4A11, or approved equal.

Mercury Vapor Lamps to be used on 51' R/W and 60' R/W streets, except at intersections, shall be 175 watt, white, 7900 lumens, General Electric Catalog #11175W39-22, or approved equal.

Mercury Vapor Luminaires to be used on 51' R/W and 60' R/W streets, at intersecting minor streets, shall be 250 watt, series circuit, 6.6 amp., I.E.S. Distribution Type 2, General Electric Catalog #C706G043, Type M-250R or approved equal.

Mercury Vapor Lamps to be used on 51' R/W or 60' R/W streets at intersecting minor streets, shall be 250 watt, white, 11000 lumens, General Electric Catalog #H250W37-5 or approved equal.

Mercury Vapor Luminaires to be used on 80' R/W streets and over, shall be 400 watt, series circuit, 6.6 amp., I.E.S. Distribution Type 3, General Electric Catalog #C704G010 Type M-400 mounted with a 2" slip-fitter, or approved equal.

Mercury Vapor Lamps to be used on 80' R/W streets and over shall be 400 watt, white, 22000 lumens, General Electric Catalog #H400W33-1 or approved equal.

Foundations shall be constructed and located to line and grade as directed by the Field Engineer.

Overhead wire shall be No. 6 MHD solid bare copper.

Wire in mast arms and underground conduit shall be No. 8 A.W.G. solid copper, 5 K.V. with 7.64 MP.V.C. insulation.

Spacing of standards shall be 180 feet maximum on 51' R/W and 60' R/W streets on one side.

Spacing of standards shall be 180 feet maximum on 80' R/W streets on both sides, staggered.

Spacing of standards on 100' R/W streets or more shall be 120' maximum on both sides and staggered.

The contractor shall be responsible for avoiding damage to property, either public or private, and, in the event of any such damage, shall make satisfactory repairs at his own expense.

Standards shall receive two (2) finish coats of an approved aluminum paint. The first coat shall be applied prior to erection. The second shall be applied after erection.

Handhole modifications, equal in size to Mod. 2-C (20 square inch minimum opening) shall be provided on all standards requiring underground wiring.

Underground conduit shall be rigid wrapped and shall meet all requirements of the City of Las Vegas. Location of underground conduit shall be determined by Field Engineer. A minimum of 1 inch diameter for single wire and 1 1/2 inch for 2-wire installations shall be used. At the discretion of the Field Engineer, an approved P.V.C. conduit may be substituted, but only under those areas which at no time will be subject to wheel traffic.

The contractor shall furnish complete service to transformers and control systems if required. The feed-in location is shown subject to availability of power at said location when needed. When the alignment of the poles makes an angle exceeding 12°30' a 3-gage pole shall be used.

Standards used on 51' R/W and 60' R/W streets to be set within 3' utility easement back of property line.

Standards used on 80' R/W streets and over to be set 18' back of curb.



NOTE: LAMPS SHALL CONFORM TO WESTINGHOUSE CATALOG NUMBERS SPECIFIED ON C.L.Y. SPECS. APPROVED JUNE 7, 1963.

ESTIMATE OF QUANTITIES

- 11 Gage Pole 5 Req.
- 3 Gage Pole 13 Req.
- 175 W. Merc. Vapor Lum. 13 Req.
- ⊕ 250 W. Merc. Vapor Lum. 3 Req.
- ⊕ 400 W. Merc. Vapor Lum. 2 Req.
- Double Overhead Conductor
- Underground Conduit
- Single Overhead Conductor

CHARLESTON HEIGHTS 44-C

BY CITY FORCES AT CONTRACTOR'S EXPENSE.

ACCEPTANCE

City Engineer: [Signature] DATE: 5/14/63

City Electrician: [Signature] DATE: 7-28-63

NEVADA POWER CO.: [Signature] DATE: 5-29-63

REV	DATE	DESCRIPTION	BY	APPROVED
C	9-17-63	CHANGED LOCATION OF LUM. ON SAYLOR WAY	MIR. [Signature]	
B	8-13-63	Change conductor	R.L. [Signature]	
A	5-5-63	Change numbers on standard	[Signature]	

CHARLESTON HEIGHTS TRACT NO. 48-A

STREET LIGHTING

DESIGNED: [Signature] WESTERN ENGINEERS, INC. SHEET 1 OF 1

DRAWN: [Signature] LAS VEGAS, NEVADA

CHECKED: [Signature] APPROVED: [Signature]

