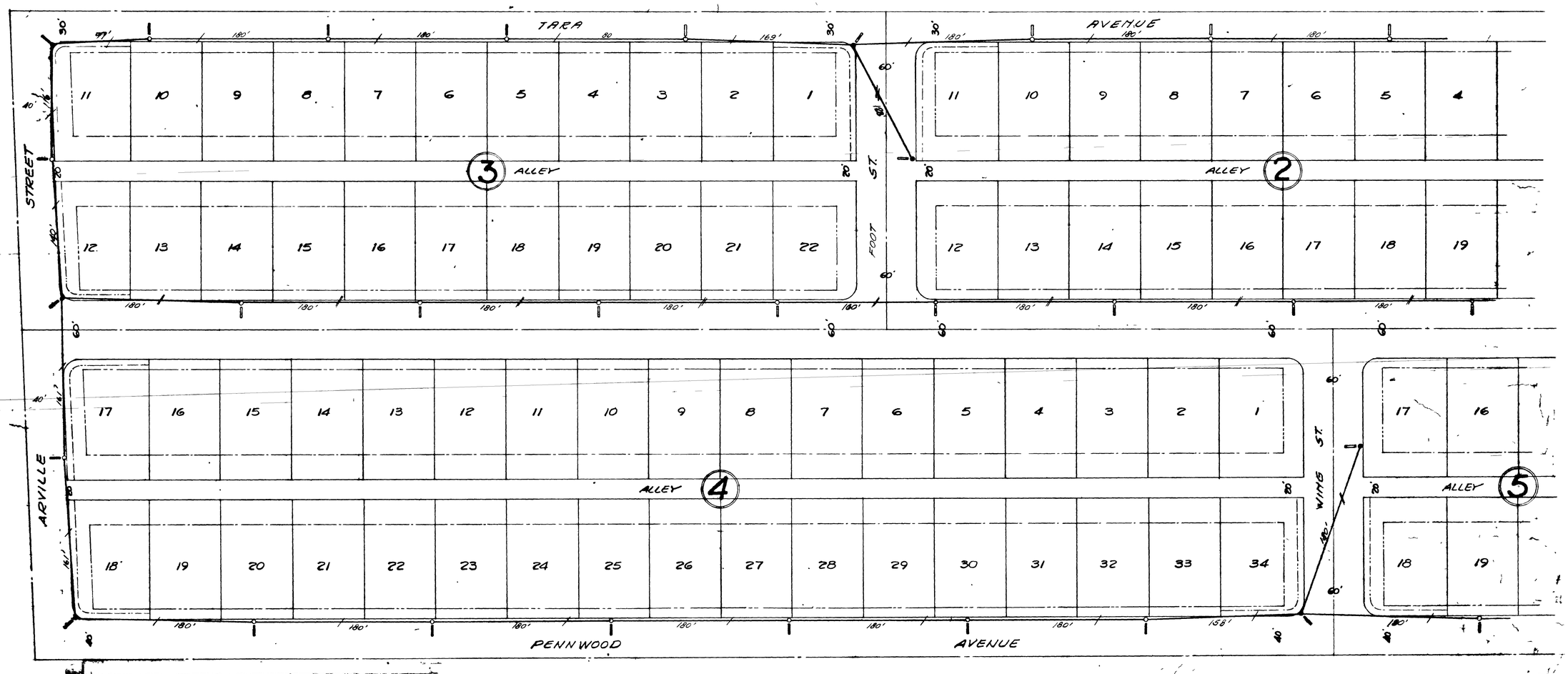
10-7-27



STREET LIGHT SPECIFICATIONS

Standards for 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 60' R/W streets, except at intersections, shall be 175 watt, series circuit, 6.6 amp., I.E.S. Distribution Type 3, Line Material LM 44 A11 or approved equal.

Mercury Vapor Lamps to be used on 80' R/W streets, except at intersections, shall be 175 watt, Colortone Hi-output white, 8000 lumens, Westinghouse Catalog #H39-22KC/W or approved equal.

Mercury Vapor Luminaires to be used on 60' R/W streets, at intersecting minor streets, shall be 250 watt, series circuit, 6.6 amp., I.E.S. Distribution Type 3, Line Material LM 44 A11 or approved equal.

Mercury Vapor Lamps to be used on 60' R/W streets at intersecting minor streets, shall be 250 w Colortone Hi-output white, 12600 lumens, Westinghouse Catalog #H37- 5KC/W 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 (70A0010 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, Colortone Hi-output white, 24000 lumens, Westinghouse Catalog H33-1 GLM 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, 5KV with 10/64 inch P.V.C. insulation.

Spacing of standards shall be 180 feet maximum or 60' 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 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. A minimum of 1 inch diameter for single wire and 1-1/4 inch for 2-wire installations shall be used. At the discretion of the Field Engineer, "Schedule 40 Only" P.V.C. conduit may be substituted, but only under those areas which at no time will be subject to diesel traffic.

The contractor shall furnish and install service to transformers and control systems if required.

The feed in location is shown subject to availability of power at said location when needed.

Standards shall be set one foot back of sidewalk.

Overhead wire shall be continuous from standard to standard with no splices and shall be #6 MHD solid bare copper.

Wire in mast arms and underground conduit shall be #8 AWG solid 5KV with 10/64 inch PVC insulation.

Provide attractive bolt covers on all foundations.

LEGEND

-------	Underground conduit
o—	11 Gage Pole
•—	3 Gage Pole
——	Single wire
—/—	Double wire
▭	175 W MV Lamp
▬	250 W MV "
▬	400 W MV "
- - - - -	6' Aerial Easement

ESTIMATES QUANTITIES

Underground conduit	None
11 G.A. Pole	44 Each
3 G.A. Pole	18 Each
400 W. M.V. Lamp	26 Each
250 W. M.V. Lamp	5 Each
175 W MV Lamp	26 Each
	1

COUNTY ENGINEER

APPROVED [signature] 10-16-62
NEVADA POWER CO. DATE

Revised 11-5-66 DK Revised 12-6-68 JM

Sheet 1
207Y-1363