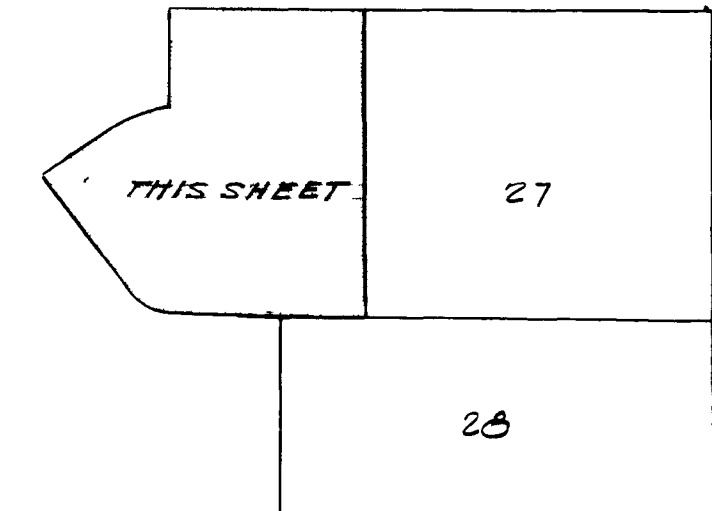
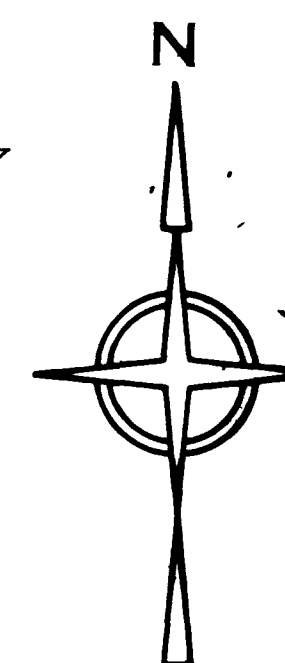
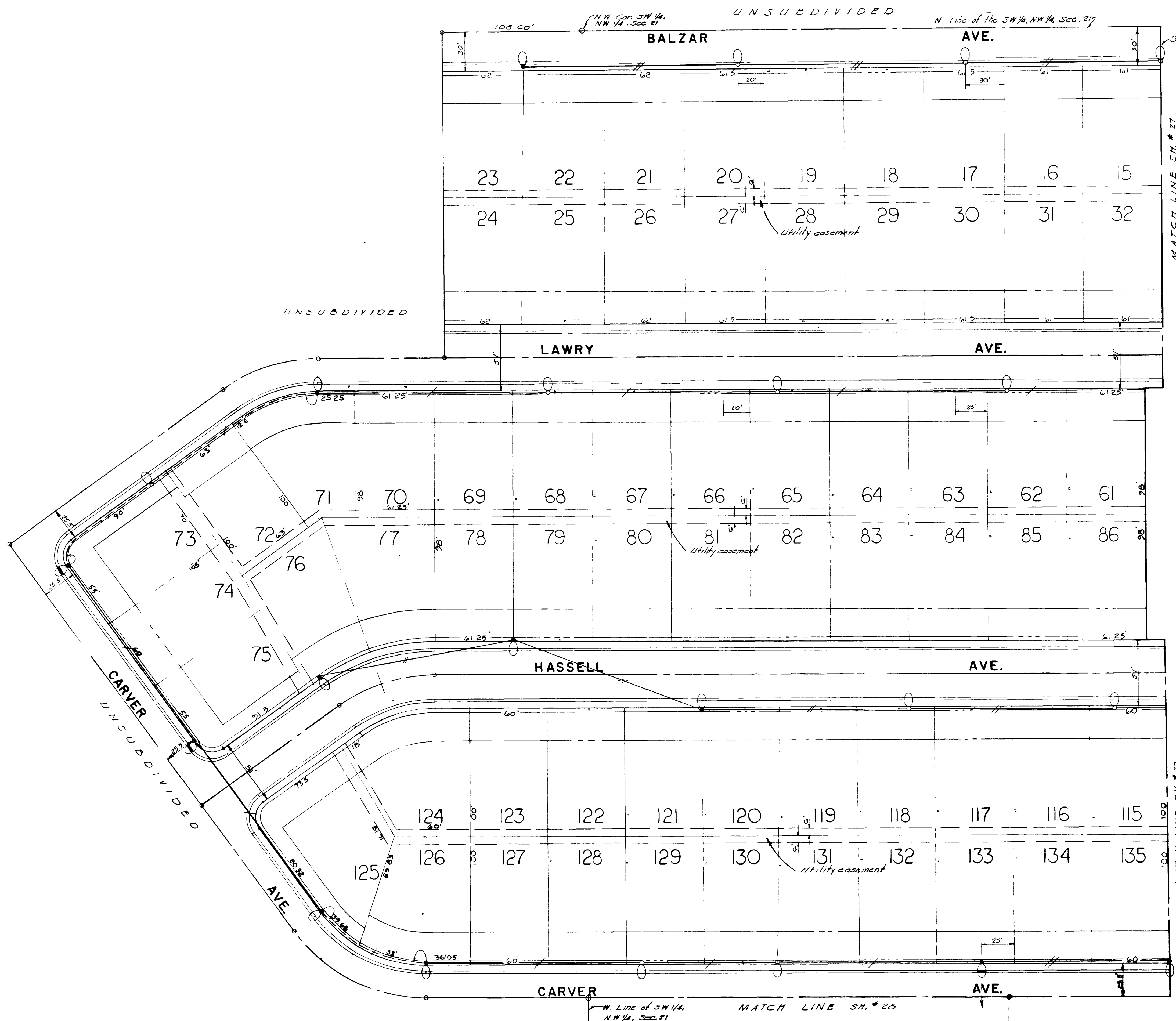




LAS VEGAS

STREET LIGHT SPECIFICATIONS

- 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.
- 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.
- 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 #LM44A11, 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, Colortone HI-output white, 8000 lumens, Westinghouse Catalog #H 39-22KC/W 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 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 #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, Colortone HI-output white, 24000 lumens, Westinghouse Catalog #H33-1-GLW 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, 5K.V. with 10/64 inch P.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 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, 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 streets with 80 and greater ROW width shall be set 18' back of curb. Standards used on streets with 51' and 60' ROW width shall be set in 3' easement.

ESTIMATED QUANTITIES

DESCRIPTION	QUANTITY
Light standards 3 gage	21 EA
Light standards 11 gage	45 EA

LEGEND

- 3 gage pole
- 11 gage pole
- overhead wire - single
- luminaire - 175 W
- luminaire - 250 W
- luminaire - 400 W
- overhead wire - double
- underground wire

checked approved *Karl R. Sharma* date 2-19-63
Nevada Power Co.

Submitted by *Robert M. Nutter* date 12/14/62
Robert M. Nutter E.L.S. #1661

Approved by *B. L. ...* date 2/25/63
City Engineer

REV	DESCRIPTION	DATE	APP
1	DR on Hassell	9-24-63	ELB

Approved by *G. J. ...* date 2-20-63
City Electrician

STREET LIGHTING PLAN			
DATE	11-21-62	MOOTE, KEMPA & GALLOWAY, INC.	
DRAWN	JM	CIVIL ENGINEERS AND LAND SURVEYORS	
CHECKED	AMG	PHOENIX LAS VEGAS	
SCALE	1" = 40'	SHEET	26 of 28
CLIENT	FIRST WESTERN SAVINGS & LOAN ASS'N.	FILE	LV 1821

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2074-1110-2

