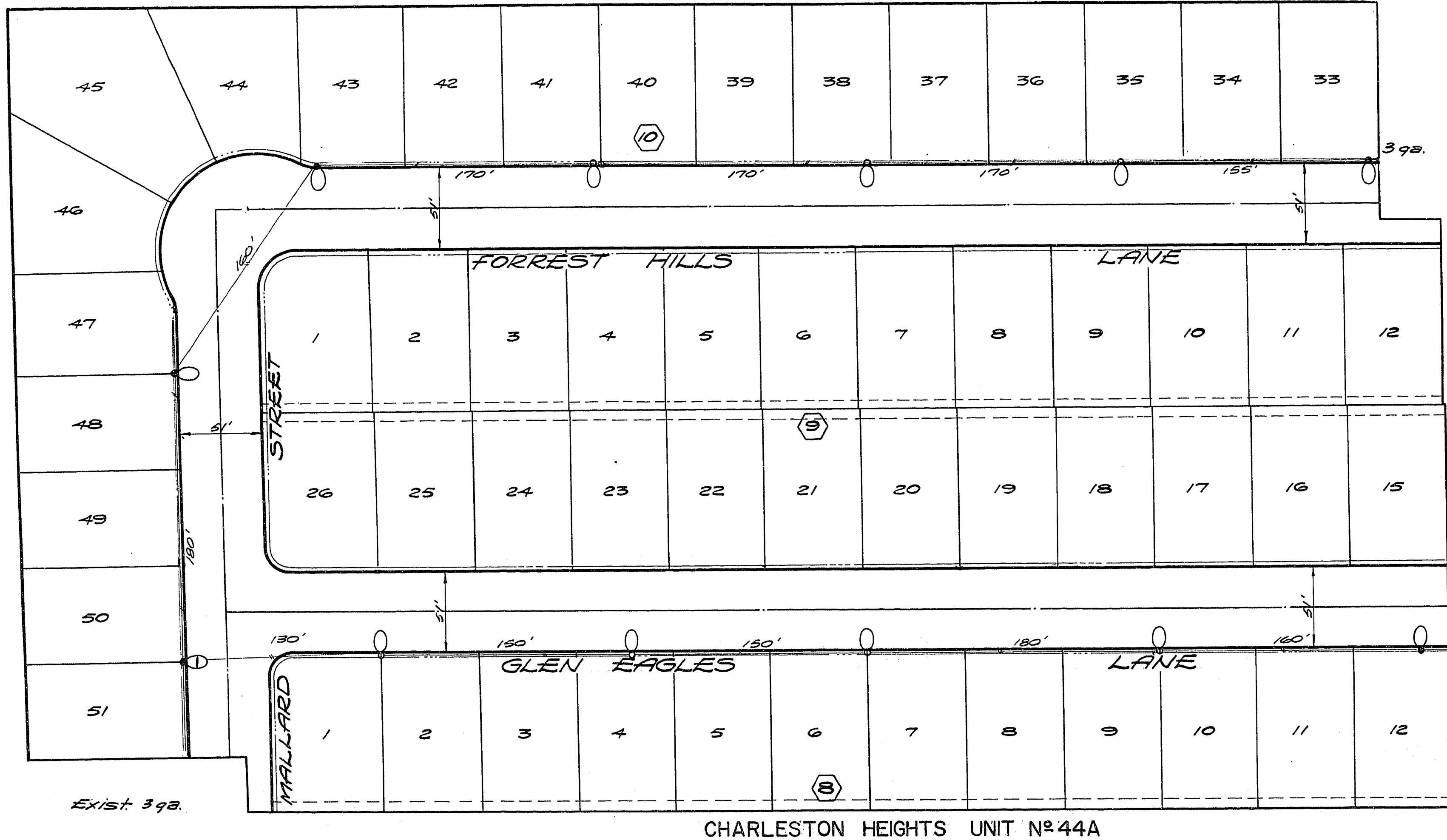
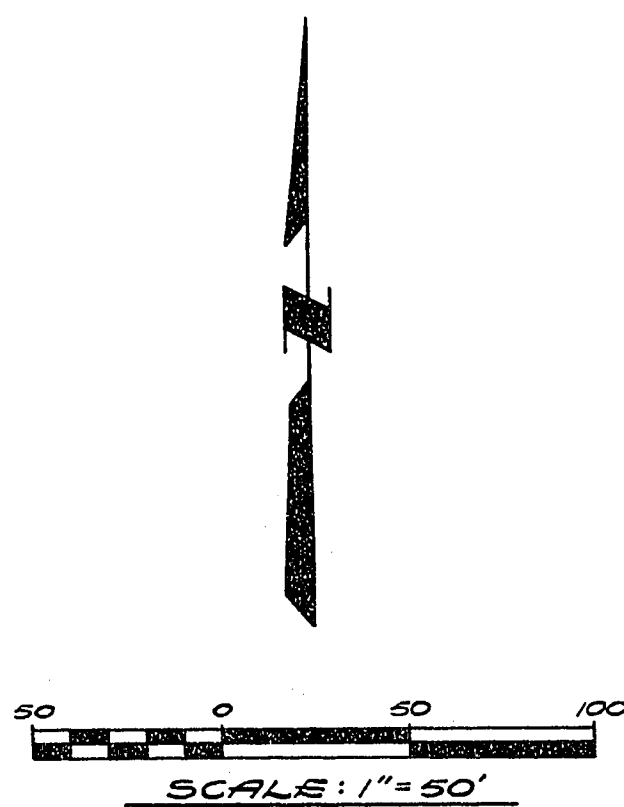


UNDEVELOPED



CHARLESTON HEIGHTS UNIT No 44A

LEGEND

- 3 GA. Poles 5 Req'd
- 11 GA. Poles 7 Req'd
- 175 W. Merc. Vapor Lum. 11 Req'd
- ⊕ 250 W. Merc. Vapor Lum. 1 Req'd
- Overhead Line (Double wire)
- 3' Utility Easement
- 6' Utility Easement

STREET LIGHT SPECIFICATIONS

Standards for 51' R/W streets shall be Pacific Union Metal Co., Design F.B. 330-B1-B or F.B. 1130-B1-B with Modifications L-39 and L-4, or approved equal. There shall be at least one pole at each intersection.

Mercury Vapor Luminaires to be used on 51' R/W streets, except at intersections, shall be 175 watt, series circuit, G.G. amps, I.E.S. Distribution Type 3, Line Material Catalog #LM-44-A11, or approved equal.

Mercury Vapor Lamps to be used on 51' R/W streets, except at intersections, shall be 175 watt, Color-tone H1-output white, 8000 lumens, Westinghouse Catalog #H39-22 KC/W or approved equal.

Mercury Vapor Luminaires to be used on 51' R/W streets, at intersecting minor streets, shall be 250 watt, series circuit, G.G. amps, I.E.S. Distribution Type 2, General Electric Catalog #C1069C12, Type 11-250R or approved equal.

Mercury Vapor Lamps to be used on 51' R/W streets at intersecting minor streets, shall be 250 watt, Color-tone H1-output white, 12,600 lumens, Westinghouse Catalog #H37-5KC/W 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 10/64 inch P.V.C. insulation.

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

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 coat shall be applied after erection.

Handhole modifications, equal in size to Modification 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 1/2 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 pole 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.

CHARLESTON HEIGHTS UNIT No 44A

APPROVALS

R. P. Lauer 1-6-63  
City Engineer date

L. L. Bennett 1-15-63  
City Electrician date

Keith R. Thomas 1-3-63  
Nevada Power Co. date

CHARLESTON HEIGHTS  
UNIT No 44-B

STREET LIGHT PLAN

|          |                         |             |
|----------|-------------------------|-------------|
| DESIGNED | WESTERN ENGINEERS, INC. | SHEET       |
| DRAWN    | LAS VEGAS NEVADA        | 1 OF 1      |
| CHECKED  | APPROVED                | DATE 1-3-63 |

2-27-64-1040-44B