

165-95

WONDERWORLD

STREET LIGHTING

SPECIFICATIONS

Standards for 51' R/W and 60' R/W streets shall be Pacific Union
Metal Co. Design P.B. 330-B1-3 or P.B. 1130-B1-2 with modification 1b,
4-30 and 1c, 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 P.B. 330-B1-8 or P.B. 1130-B1-2 with modification 1b,
or approved equal.

On 100' R/W streets there shall be 2 poles on diagonal corners.

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.,
V.E.S. Distribution Type 2, General Electric Catalog #C7066011 or
approved equal.

Mercury Vapor Lamps to be used on 80' R/W and 60' R/W streets,
except at intersections, shall be 175 watt, Colorone Hi-output white,
4000 lumens, Westinghouse Catalog #H39-22K0/W or approved equal.

Mercury Vapor Luminaires to be used on 41' R/W and 60' R/W streets
at intersecting minor streets, shall be 250 watt, series circuit, 6.6
amp., V.E.S. Distribution Type 2, General Electric Catalog #C7066043,
1250K 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 Colorone Hi-output white,
17500 lumens, Westinghouse Catalog #H37-5K0/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., V.E.S. Distribution Type
2, General Electric Catalog #C7066010 Type M-400, fitted with a 2"
slit-fitter, or approved equal.

Mercury Vapor Lamps to be used on 80' R/W streets and over shall
be 400 watt, Colorone Hi-output white, 24000 lumens, Westinghouse
Catalog #H31-1-01 or approved equal.

Spacing of standards shall be 120 feet maximum on 51' R/W and 60'
streets on one side.

Spacing of standards shall be 120 feet maximum on 80' R/W streets
on both sides, staggered.

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

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

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

Handhole modifications, equal in size to 14" 2-C (24 square inch
minimum opening) shall be provided on all standards requiring under-
ground wiring.

Underground conduit shall be field 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.
In the selection of the field engineer, an approved V.C. conduit
shall 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.

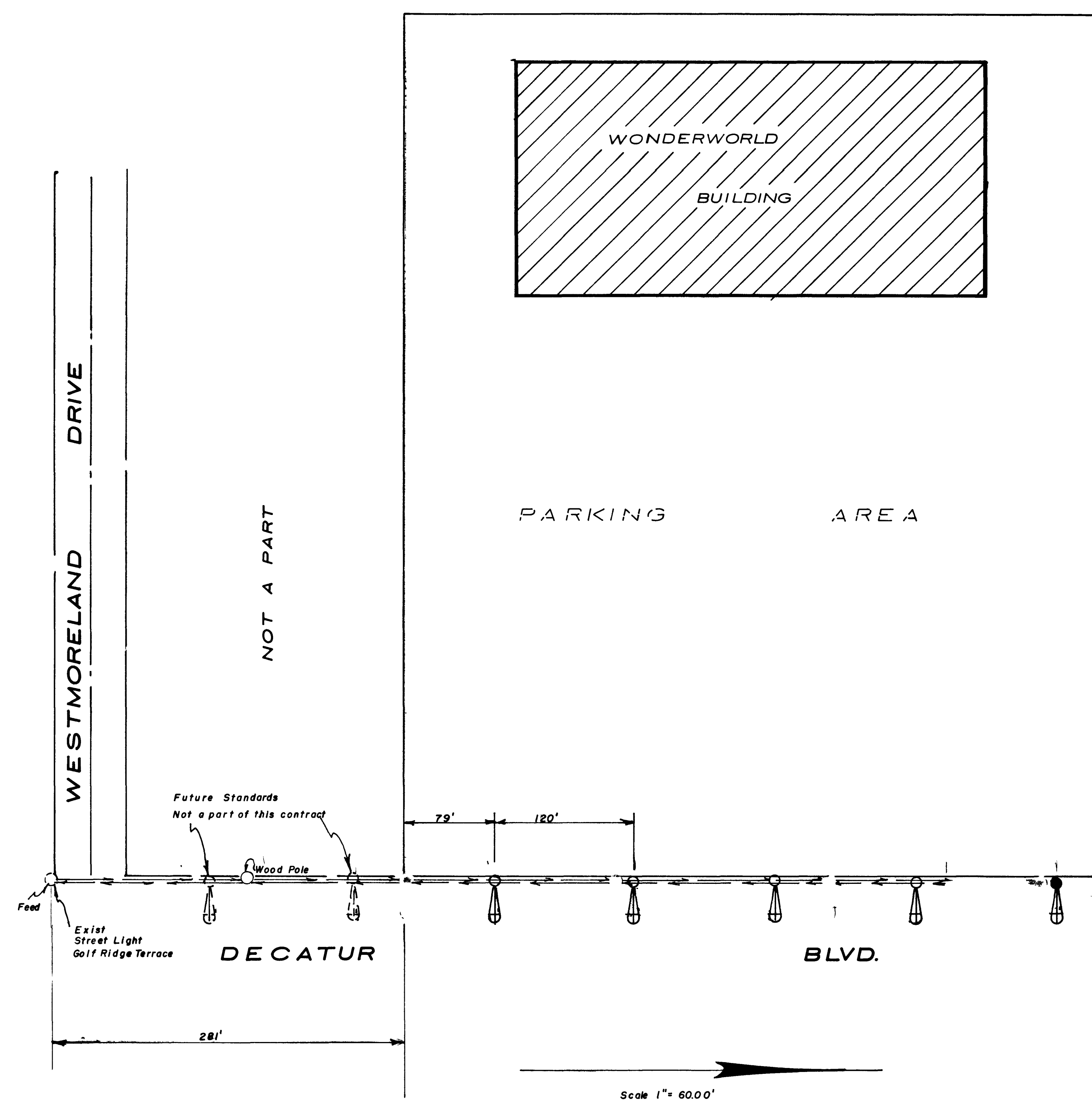
The feed in location is shown subject to availability of power at
said location.

Standards used on 51' R/W streets to be set 26.5' from center line
of street (within 3' utility easement).

Standards used on 60' R/W streets and (41' B.C. to B.C.) to be set
26.5' from center line of street (bet. property line and back edge of
curb).

Standards used on 80' R/W streets and (50' B.C. to B.C.) to be set
26.5' from center line of street (within 3' utility easement).

Standards set on 100' R/W and over to be set 12' back of curb.



APPROVALS

City Engineer	Date
<i>Lois R. Ransom</i>	11-27-62
City Electrician	Date
<i>Walter Thomas</i>	9-10-62
Nevada Power Co.	Date

LEGEND

- 3 Gage Pole
- 11 Gage Pole
- 175W Mercury
- 400W Mercury
- Underground Wire
- Overhead Wire

KARSTEN T. BRONKEN
CONSULTING ENGINEERS

