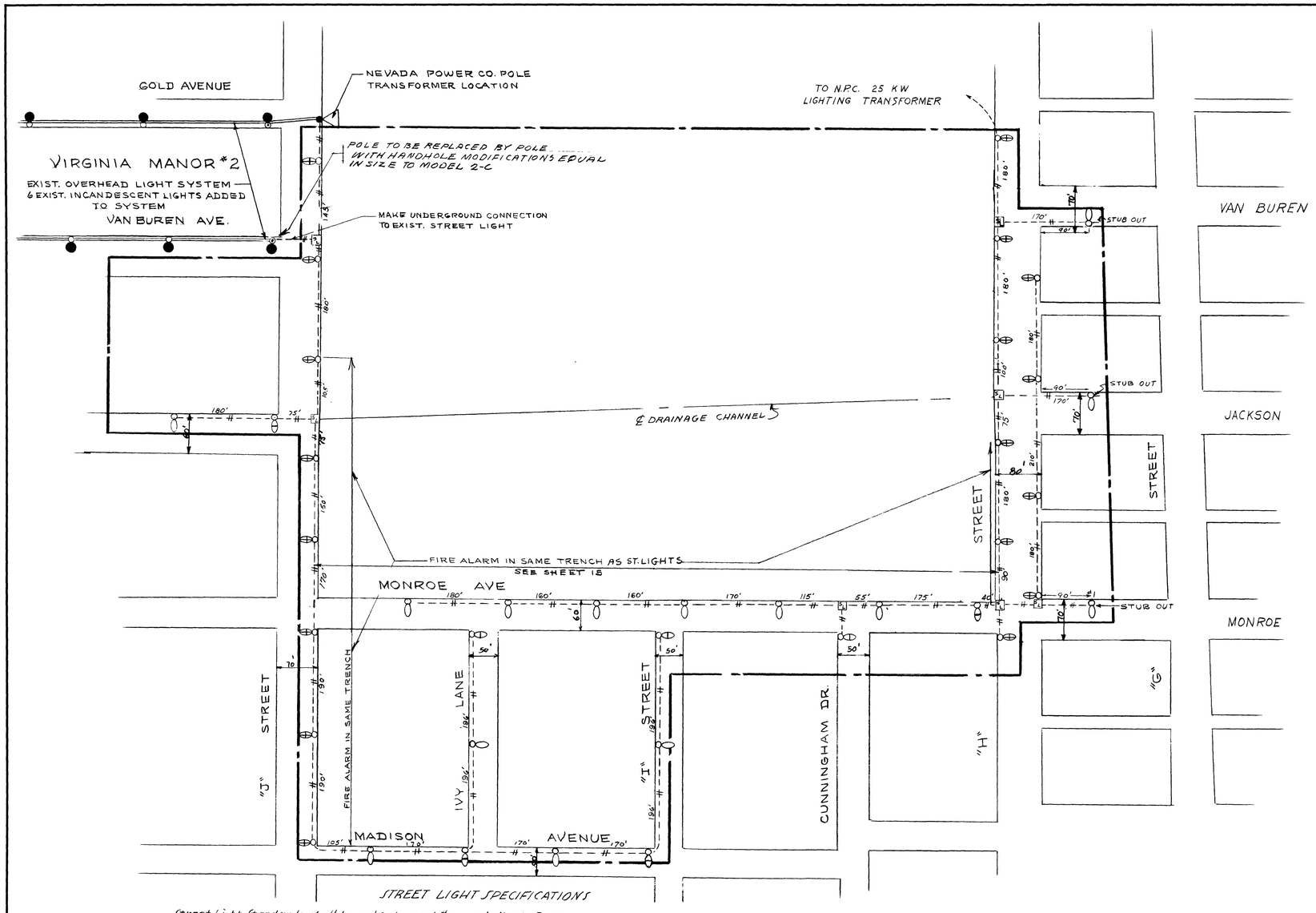
27·5·55



THIS WORK BY CONTRACT

AN UNDERGROUND FIRE ALARM SYSTEM WILL BE INSTALLED IN THIS AREA. FOUR FIRE ALARM BOXES WILL BE MOUNTED ON STREET LIGHT POLES. FIRE ALARM CONDUIT WILL BE LAID IN THE SAME TRENCH AS STREET LIGHT CONDUIT WHERE NOTED. ONE FIRE ALARM BOX WILL BE MOUNTED ON A PEDESTAL

LEGEND:

- 175 WATT MERCURY VAPOR LUMINAIRES
- 250 WATT MERCURY VAPOR LUMINAIRES
- 400 WATT MERCURY VAPOR LUMINAIRES
- STEEL POLE (11 GAGE) TYPE 4
- EXISTING INCANDESCENT
- UNDERGROUND CONDUIT-DOUBLE WIRE 1¼"
- 3½ PULL BOX COVER MARKED "STREET LIGHT"

APPROVED: A. L. Bennett
CITY ELECTRICIAN

STREET LIGHT SPECIFICATIONS

Street Light Standards shall be modified type 4 #11ga. similar to Pumco dwg 5919A. OR approved equal

Mercury Vapor Luminaires shall be 175 Watt, series circuit, 6.6 amp., I.E.S. Distribution Type 3, Line Material Catalogue # LM44A11, or approved equal; 250 watt, series circuit, 6.6 amp. I.E.S. Distribution Type 2, General Electric Catalogue # C706G043, Type M-25 or equal, and 400 Watt, series circuit, 6.6 amp., I.E.S. Distribution Type 3, General Electric Catalogue # C704G010 Type M-400 mounted with a 2" slip fitter, or approved equal.

Mercury Vapor Lamps shall be 175 watt, Colortone Hi-Output White, 12,000 hrs., Westinghouse Catalogue # H37-22KCIW, or approved equal; 250 Watt, Colortone Hi-Output White, 12,000 hrs., Westinghouse Catalogue # H37-37KCIW, or approved equal; and 400 watt, Colortone Hi-Output White, 12,000 hrs., Westinghouse Catalogue # H33-1-GL111, OR equal

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

Wire in mast arms and underground conduit shall be #8 A.W.G. solid copper, 5KV with 9/64 inch minimum P.V.C. insulation.

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) coats of approved aluminum paint. The first coat shall be applied prior to erection. The second coat shall be applied after erection.

Underground conduit shall be rigid wrapped, and shall meet all requirements of the City of Las Vegas Standards. Location of underground conduit shall be determined by Field Engineer.

A 1¼ inch for 2 (two) wire installations shall be used.

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

CITY OF LAS VEGAS NEVADA
ENGINEERING DEPT.

MADISON SCHOOL URBAN RENEWAL PROJ.
NEV. R-6 OVERALL ST. LIGHTING LAYOUT

W.O. 587	DATE	SC. (H) 1" = 100'
DES. G.W. EVANS	6-7-63	SC. (V)
DR. HARPER	7-15-61	F. BK. NO. 60-6X
CKD. [illegible]	6-12-63	P.J.O. NO. NEV R-6
APPROVED BY CITY ENGR. [illegible]	10/24/63	DRAWING NO. ~~572-V2A~~ 907-V4

DIETERICH-POST CLEARPRINT 500096

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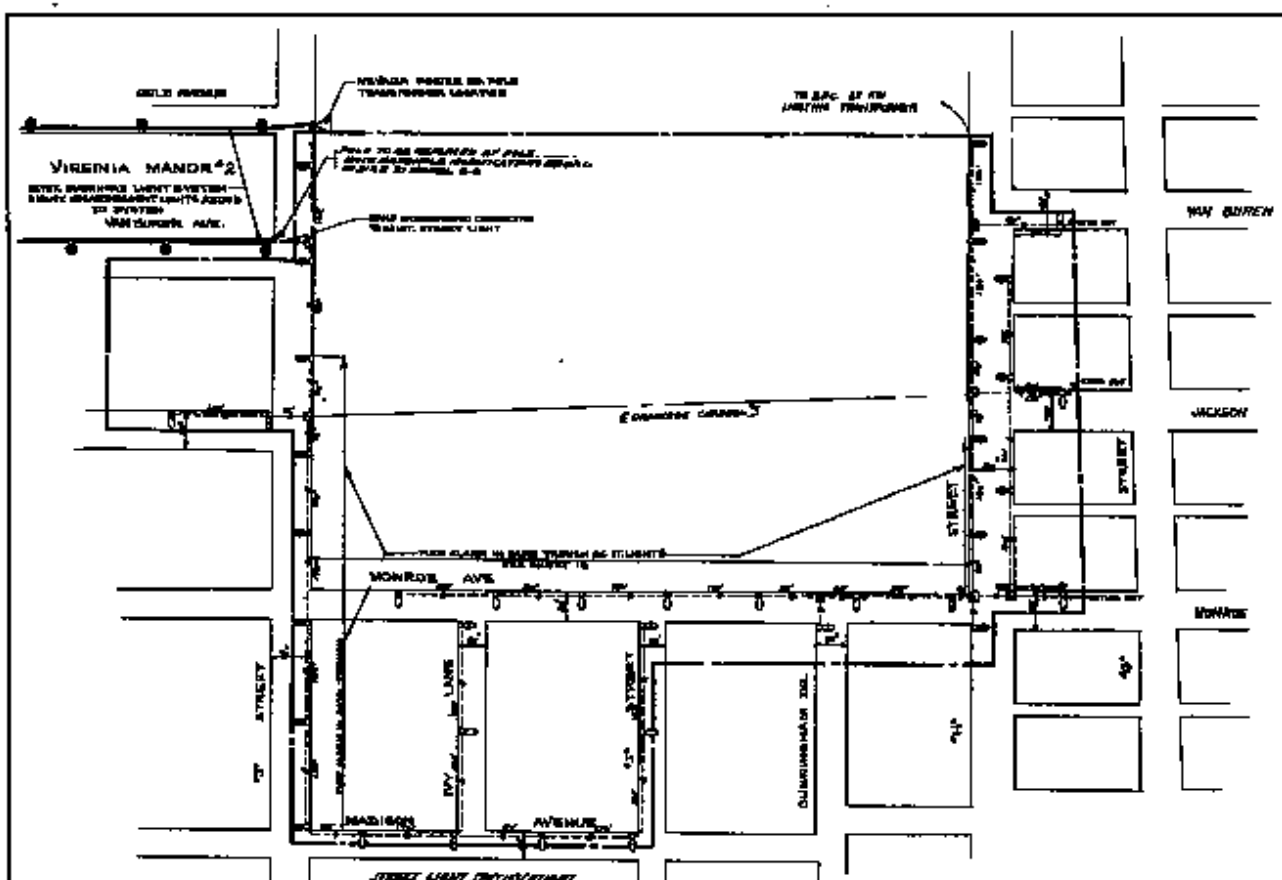
SHEET 14 OF 16



LEGEND:

CITY OF LAS VEGAS NEVADA
ENGINEERING DEPT.

MADISON SCHOOL URBAN RENEWAL AREA
AREA A-6 OVERALL ST. LIGHTING LAYOUT