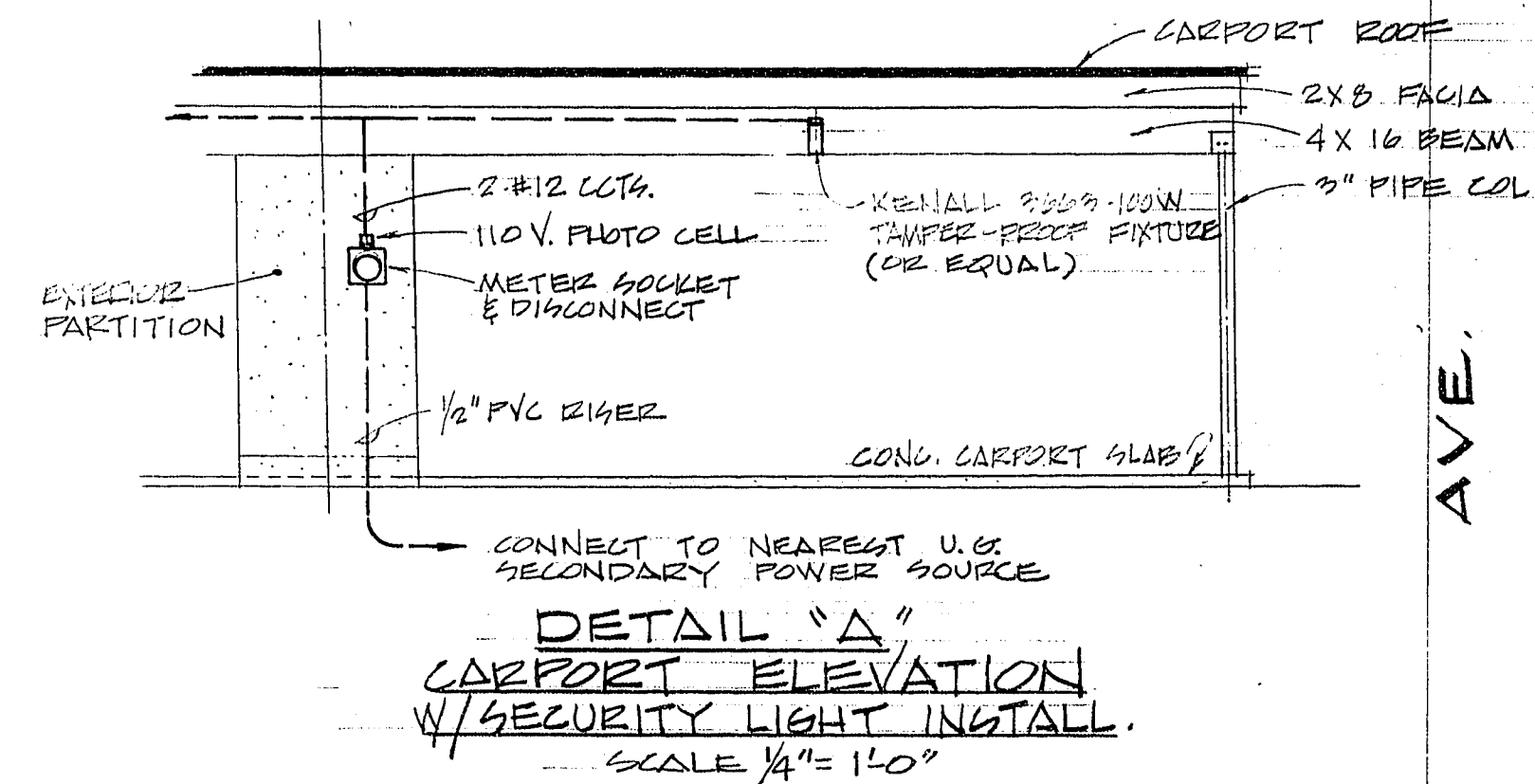
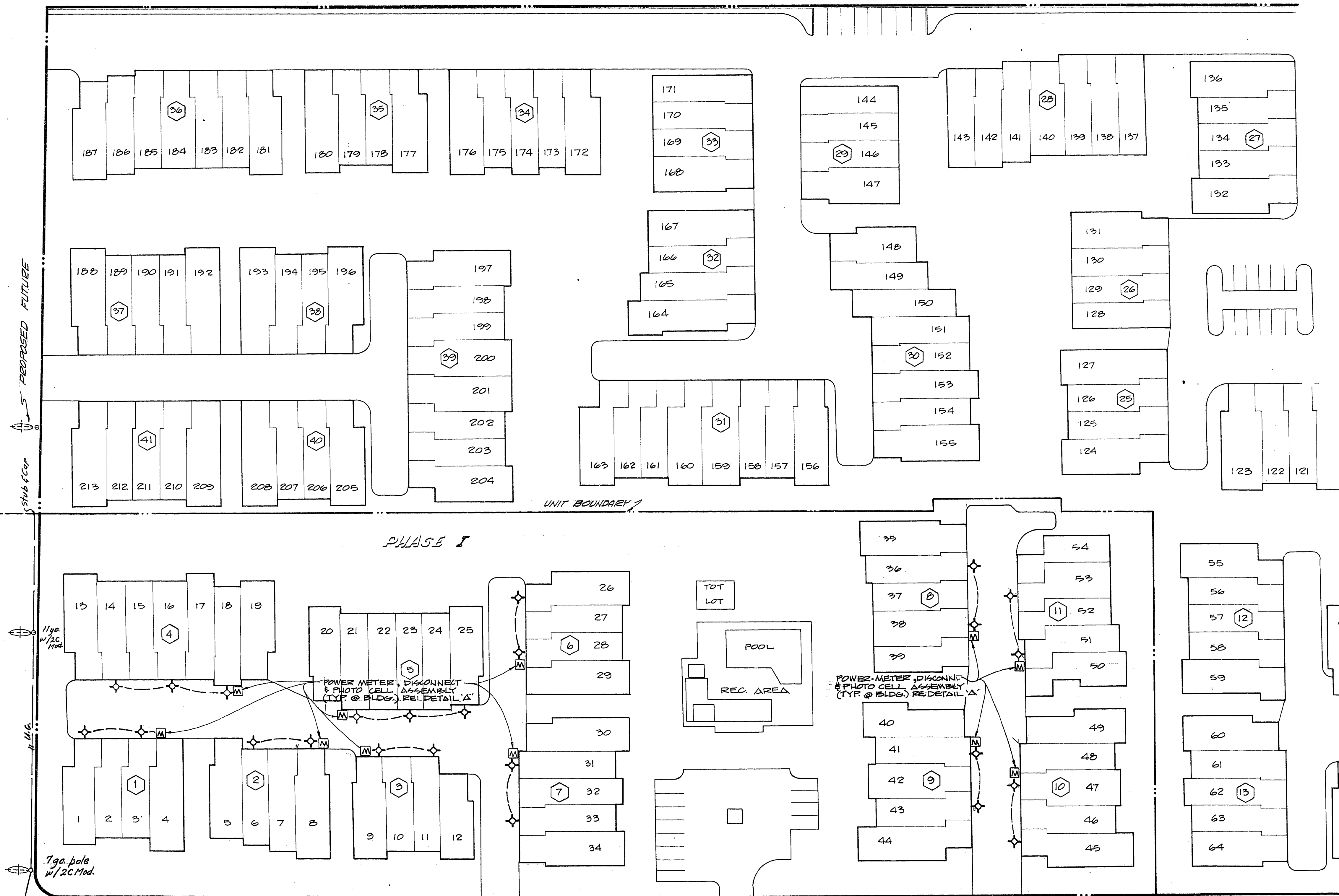


UNDEVELOPED

AVE.
SUBDIVISION
PENWOOD
EX ST. LIGHTING



STREET LIGHTING SPECIFICATIONS
UNDERGROUND 120/240 VOLT SINGLE PHASE THREE WIRE MULTIPLE SYSTEM
Street lighting standards shall be as shown by Drawing No. 400.1 page 40 of Uniform Standard Drawings and must conform to Sections 400 and 405 and any other applicable sections of the Uniform Standard Specifications.
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 51' R/W and 60' R/W streets, except at intersections, shall be 175 watt, 120/240 volt I.E.S. distribution type 3, with integral constant wattage ballast, similar to Line Material catalog #LM44A2 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 120/240 volt I.E.S. distribution type 2 with integral constant wattage ballast similar to General Electric Type M-250R, catalog #C706G012 or approved equal.
Mercury Vapor Luminaires to be used on 80' R/W streets and over, shall be 400 watt 120/240 volt, I.E.S. distribution type 3 with integral constant wattage ballast similar to General Electric Type M-400, catalog #C704G002 or approved equal.
175 watt Mercury Vapor Lamps shall be ASA Code #H39-22K/W.
250 watt Mercury Vapor Lamps shall be ASA Code #H37-5K/W.
400 watt Mercury Vapor Lamps shall be ASA Code #H33-16L/W.

Spacing of standards shall be 180 feet maximum on 51' R/W and 60' R/W streets on one side to provide 0.43 F.C.
Spacing of standards shall be 180 feet maximum on 80' R/W streets on both sides, staggered to provide 0.9 F.C.
Spacing of standards on 100' R/W streets or more shall be 120 feet maximum on both sides and staggered to provide 1.4 to 2.0 F.C.
Standards used on 51' R/W and 60' R/W streets to be set within utility easement back of property line.
Standards used on 80' R/W streets and over to be set 18\"/>

Foundations shall be constructed and located to line and grade as directed by the Field Engineer.
Lighting Standard and Mast Arm Cable to luminaire shall be two conductor #10 stranded 500 volt copper cable. Each conductor shall be plasticized polyvinyl chloride insulated, with an outer jacket of black polyethylene.
The Contractor shall be responsible for avoiding damage to property, either public or private and in the event of such damage, shall make satisfactory repairs at his own expense.
The Contractor shall furnish complete service to transformers and control systems if required.
The Service Point standard is to be installed at the approved location shown on plans and to conform to drawing #401.1 page 44 of the Uniform Standards Drawings.
The selection of 175, 250 and 400 watt Mercury Vapor Luminaires to be used in a particular development one approved manufacturer shall be specified.
These specifications to become effective on all City of Las Vegas Multiple Street Lighting Designs approved on or after Jan. 1, 1968. These specifications shall be superseded by any revised specifications in existence at the time of installation.

Note: Low Voltage Multiple Specs Not Applicable
High Voltage Street Light Specs dated Jan. 1966 to apply.

APPROVED BY:
Malcolm C. Johnson 7-26-71
NEVADA POWER COMPANY DATE
Bob [unclear] 7-26-71
LAS VEGAS CITY ENGINEER DATE
Charles R. Johnson 7-26-71
LAS VEGAS FIELD ENGINEER DATE

LEGEND & ESTIMATE OF QUANTITIES
See Std. Dwg. 400.1
400 WATT MERCURY VAPOR LUMINAIRES - 2 EACH
1/4\"/>

SUBMITTED BY:
Charles R. Johnson 6-4-71
CHARLEY R. JOHNSON DATE
NEVADA R.C.E. No. 9005

CONSULTING ENGINEERS • PLANNERS					
2209 PARADISE ROAD, LAS VEGAS, NEVADA 89105 (702) 735-0227					
BRADFORD PLACE UNIT #2 1					
MASTER STREET LIGHT PLAN					
PHASE I					
SCALE 1\"/>					

20-6-74 207 y. 965'