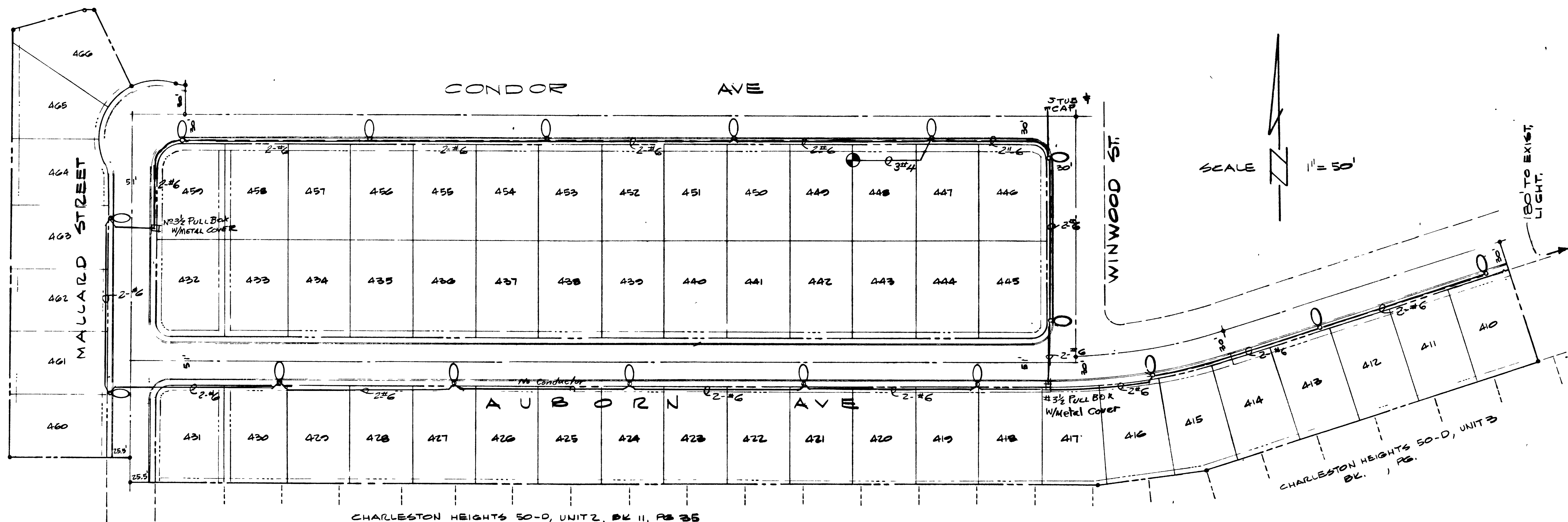




CHARLESTON HEIGHTS 50-D, UNIT 2, BK 11, PG 35  
 STREET LIGHTING SPECIFICATIONS  
 UNDERGROUND 240 VOLT SINGLE PHASE TWO WIRE SYSTEM

LEGEND &  
 ESTIMATED QUANTITIES

○ 11 GA. LITE STD. &  
 175 WATT LUMINAIRE 17 EA.

Street lighting standards shall be as shown on Drawing No. 400, page 40 of Uniform Standard Drawings and must conform to Sections 400 and 405 and any other applicable sections of the Standard Specifications.

Mercury Vapor Luminaires to be used shall be 175 watt 240 volt I.E.S. distribution type 3 with integral constant wattage ballasts, similar to Line Material catalog # LM4482 or approved equal.

175 watt Mercury Vapor Lamps shall be ASA Code #H39 22KC/W.

Photo Cell and Control to be 120/240 Volts.

Spacing of standards shall be 180 feet maximum provide 0.43 F.C.

All standards to be set 18" back of curb.

Sch. 40 Rigid Non-Metallic Conduit (PVC) or approved equal complying with Article 347 of the National Electrical Code may be used for underground applications and to be within 12" back of curb and 2" cover.

Fuse Holders and Connectors shall be installed in the bases of all lighting standards, the fuse holders shall be Buss Tron Hex AA.

Base covers for lighting standards are not to be installed before breakout caps are placed and inspected. All material used in underground wiring, in breakout caps and under base covers to be inspected before installation.

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 10 AWG, T, Type 600 Volt copper cable.

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, page 44 of the Uniform Standard Drawings.

In the selection of Mercury Vapor Luminaires, 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 September 1, 1971.

These specifications shall be superseded by any revised specifications in existence at the time of installation.

APPROVALS

*Edward A. Weyand* 10/13/71  
 NEVADA POWER CO. DATE

*Robert J. ...* 10-18-71  
 CITY OF LAS VEGAS ENGINEER DATE

*George Ferris* 10-18-71  
 CITY OF LAS VEGAS ELECTRICIAN DATE

*Bob P. ...* 10-8-71  
 CLV Electrical Coordinator Date

|                                                                   |      |               |          |       |         |
|-------------------------------------------------------------------|------|---------------|----------|-------|---------|
| D                                                                 |      |               |          |       |         |
| C                                                                 |      |               |          |       |         |
| B                                                                 |      |               |          |       |         |
| A                                                                 |      |               |          |       |         |
| REV                                                               | DATE | DESCRIPTION   | BY       | APPR. |         |
| CHARLESTON HEIGHTS<br>TRACT NO. 50-D, UNIT 4<br>STREET LIGHT PLAN |      |               |          |       |         |
| DESIGNED                                                          | JMR  | J. M. RASSLER |          |       |         |
| DRAWN                                                             | PM   | LAS VEGAS     | NEVADA   |       | SHEET 6 |
| CHECKED                                                           | JMR  | APPROVED      | 10/13/71 |       | OF 6    |

