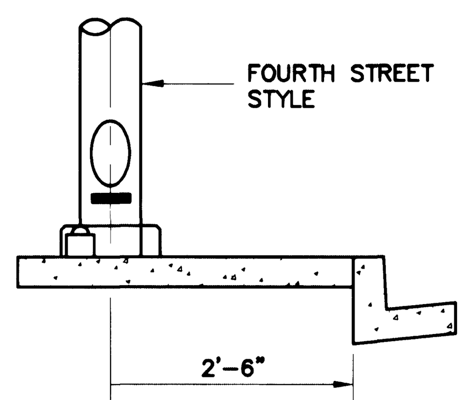
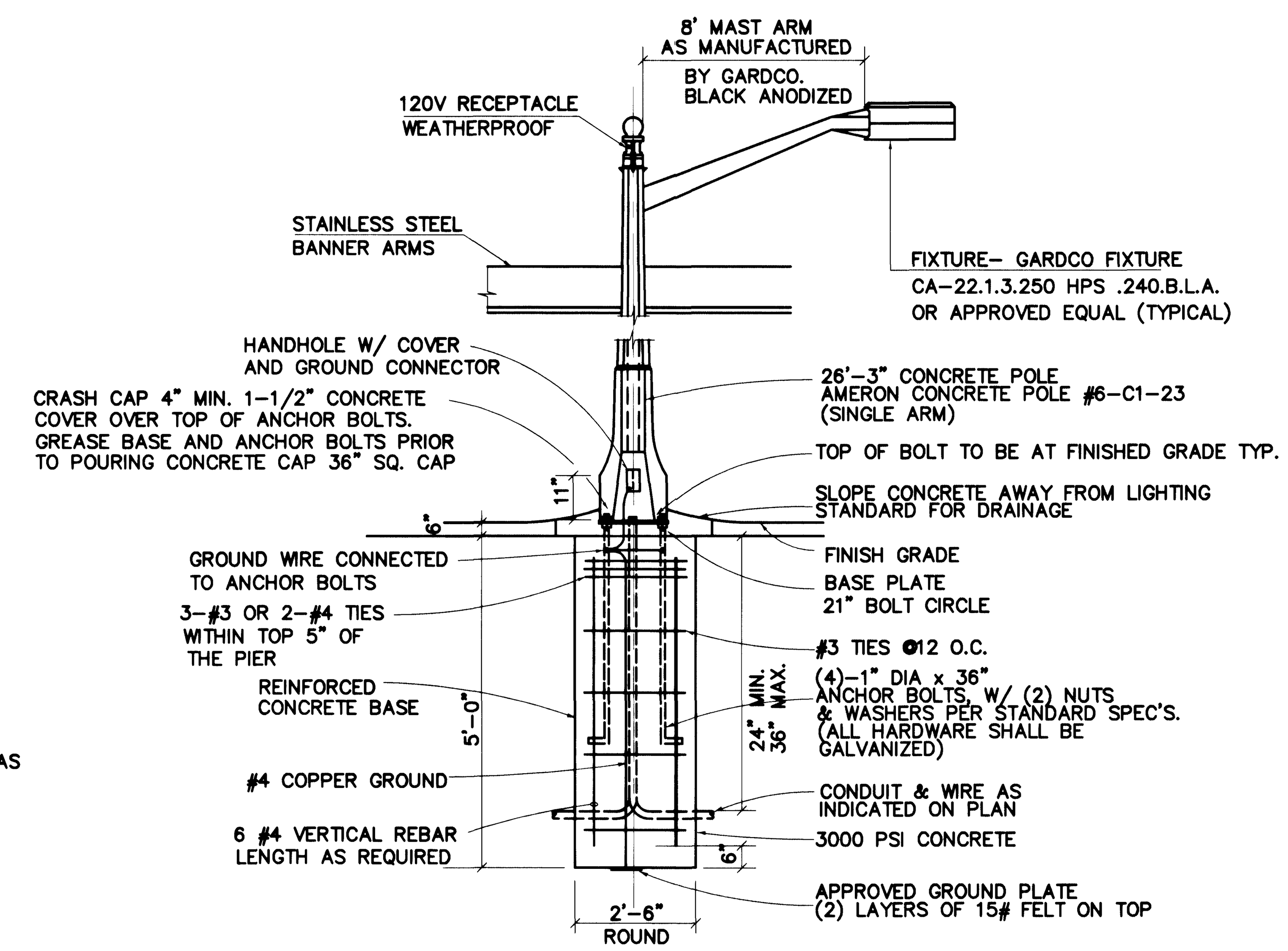


STREET LIGHT LOCATION NOTE:

ALL HAND HOLE COVERS MUST BE INSTALLED, POLE CAPS POURED, & PULL BOX LIDS BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT. ALL WIRE MUST HAVE THW INSULATION



NOTES

1. PROVIDE (1) IN-LINE TWO POLE FUSEHOLDER WITH 10A FUSES AND (1) IN-LINE SINGLE POLE FUSE HOLDER WITH 10-A FUSES PER POLE LOCATED AT THE HANDHOLE.
2. COORDINATE ALL WORK WITH CITY OF LAS VEGAS ELECTRICAL SHOP PHONE #229-6331.
3. WIRING TO LUMIAIRES FROM HANDHOLE SHALL INCLUDE GROUND.

STREET LIGHT POLE BASE DIAGRAM

N.T.S.

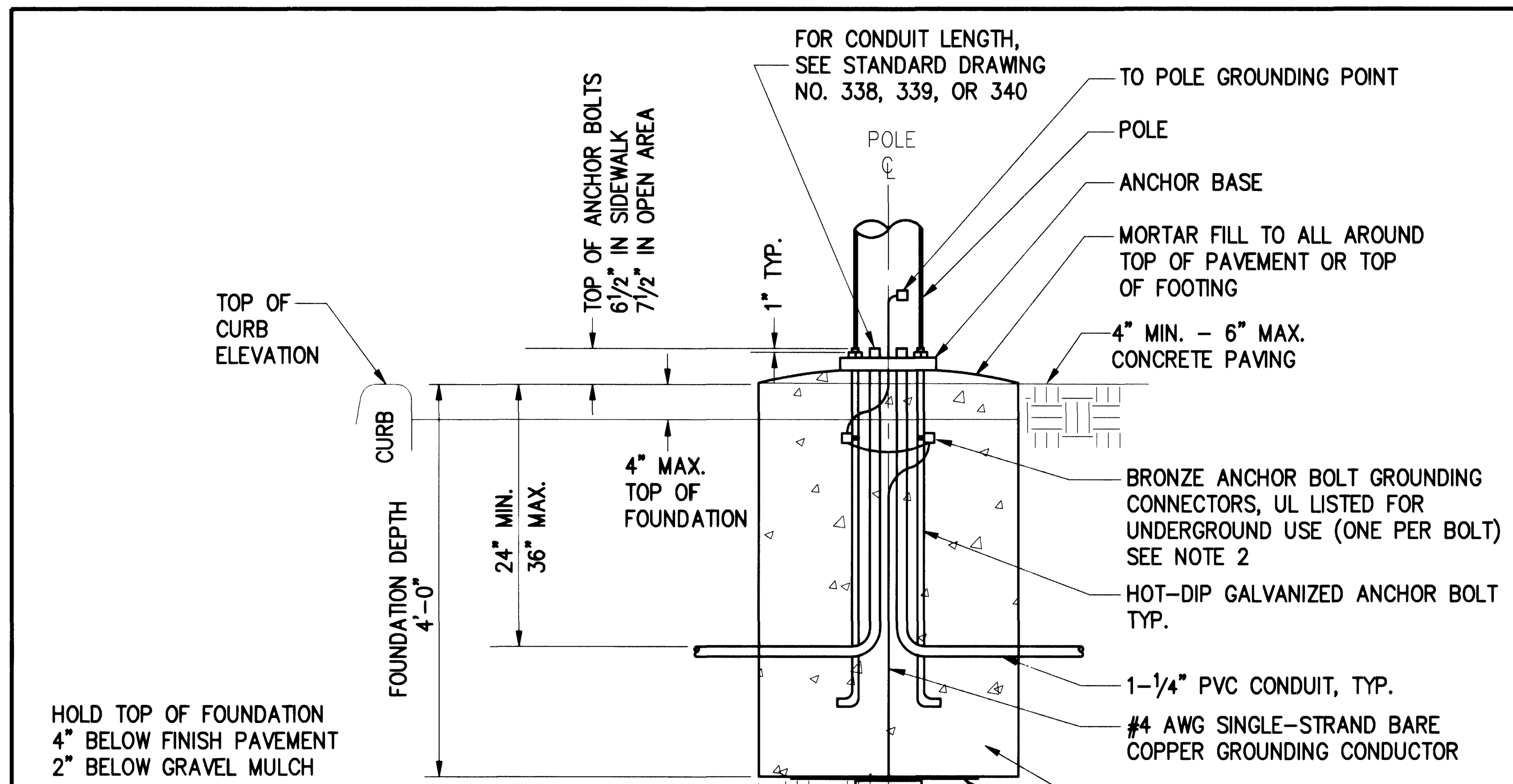
A E1.01

NOTES

1. DO NOT SCALE DRAWINGS. VERIFY DIMENSIONS IN FIELD PRIOR TO COMMENCEMENT OF WORK.
2. FINAL CONNECTIONS TO EQUIPMENT SHALL BE PER MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS AND INSTRUCTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH EQUIPMENT ACTUALLY SUPPLIED.
3. BRANCH CIRCUITS IN EXCESS OF 80 FEET SHALL BE #10 AWG.
4. WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE LATEST EDITIONS OF LOCAL, STATE OF NEVADA AND NATIONAL CODES AND ORDINANCES.
5. VERIFY EXACT LOCATION OF EQUIPMENT TO BE FURNISHED BY OTHERS PRIOR TO ROUGH-IN.
6. SYSTEMS SHALL BE TESTED FOR PROPER OPERATION. IF TESTS SHOW THAT WORK IS DEFECTIVE, CONTRACTOR SHALL MAKE CORRECTIONS NECESSARY AT NO COST TO OWNER.
7. PROVIDE SEPARATE GROUNDING CONDUCTOR WITH EACH CIRCUIT.
8. ALL ELECTRICAL SYSTEMS COMPONENTS SHALL BE LISTED OR LABELED BY U.L. OR OTHER RECOGNIZED TESTING FACILITY.

SYMBOL LIST

- STREET LIGHT
- DECORATIVE POLE OR IN-GRADE LIGHT
- G.F.I. RECEPTACLE @ +48" UNLESS NOTED
- DUPLEX RECEPTACLE @ +18" UNLESS NOTED
- JUNCTION BOX
- PHOTOCELL
- TIMESWITCH
- PANELBOARD
- PULLBOX
- UTILITY METER
- LIGHTING CONTACTOR
- WP INDICATES WEATHER-PROOF (NEMA 3R)
- PNL INDICATES PANEL
- FBO INDICATES FURNISHED BY OTHERS
- XFMR INDICATES TRANSFORMER
- NPCO INDICATES NEVADA POWER COMPANY
- GRND INDICATES GROUND
- G.F.I. INDICATES G.F.I. GROUND FAULT/CIRCUIT INTERUPTER
- HOMERUN CONDUIT – STROKES INDICATE QUANTITY OF CONDUCTORS
- CONDUIT RUN BELOW GRADE



NOTES:

1. SEE GENERAL NOTES STANDARD DRAWING NO. 313.
2. CONTINUOUS BARE COPPER GROUNDING CONDUCTOR SHALL BE LOOPED AROUND ANCHOR BOLTS ONE TIME AND CONNECTED TO EACH ANCHOR BOLT BEFORE CONTINUING DOWN TO THE POLE GROUNDING PLATE.
3. SEE MANUFACTURER FOR BOLT PATTERN AND SIZE.

TYPE 'A' POLE BASE DIAGRAM

SCALE: N.T.S.

B E1.01

FIXTURE SCHEDULE

FIXT. TYPE	MANUFACTURER NAME	MANUFACTURER CATALOG NUMBER	VOLT AMPS	MOUNTING	LAMP TYPE	REMARKS	VOLT
A	GARDCO	CPG181Q175MH-PRA4.5-12-RAL	200	POLE	175W MH	DECORATIVE POLE LIGHT, DARK GREEN, INTEGRAL FUSING	240
B	BEGA	8712MH	120	IN-GRADE	100W MH	LANDSCAPE LIGHT, INTEGRAL FUSING	240
C	GARDCO	6-C1-23	300	POLE	250W HPS	POLE LIGHT, SEE A/E1.01 ABOVE	240

REVISIONS — NO. | DATE: | DESCRIPTION | APP'D

JBA CONSULTING ENGINEERS

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TITLE: LEWIS AVENUE CORRIDOR IMPROVEMENTS FPN STP-0170(075)

SHEET: NOTES, SYMBOLS, DETAILS, AND FIXTURE SCHEDULE

BID NO. 02.1730.18

Sheet E1.01

38 of 46

DRAWING NO. 107-V3502

6459

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