# SOUTHERN NEVADA BUILDING OFFICIALS REGIONAL STANDARDS

E-104 2-5-2019 PG. 1 OF 1

# LANDSCAPE LIGHTING DETAIL

2018 IBC/2017 NEC

## Clark County

Dept. of Building & Fire Prevention 4701 W Russell Rd Las Vegas, NV 89118 (702) 455-3000

# **Boulder City**

Building Department 401 California Avenue Boulder City, NV 89005 (702) 293-9282

### Henderson

Building & Fire Safety Dept. 240 Water Street Henderson, NV 89015 (702) 267-3650 Las Vegas Building & Safety Dept. 333 N. Rancho Drive Las Vegas, NV 89106 (702) 229-6251

REMOVABLE LIGHT FIXTURE

ALLOW ADDITIONAL WIRE FOR SPLICING IN TOP OF POLE

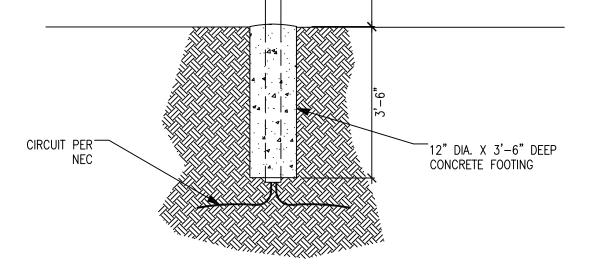
### DESIGN CRITERIA

- \* 2018 IBC
- \* Vult = 95 MPH
  Vasd = 74 MPH
  RISK CATEGORY I
  WIND EXPOSURE C
- \* ALLOWABLE LATERAL BEARING PRESSURE = 100 PSF/FT
  - \* INCREASE FOR SHORT TERM LOADS, DEPTH, AND 1/2" MOVEMENT TAKEN.
- \* ASSUMED LIGHT FIXTURE IS A 4 SQUARE FOOT SQUARE AT TOP OF POLE.

WHERE H=3'-10' THE POLE IS ASTM A-53 GRADE B

WHERE H=8'-10' A HANDHOLE IS
REQUIRED PER NEC 410.30(B)(1)
(2"X4") GROUNDING TERMINAL
REQUIRED NEC 410.30(B)(3)

WHERE H=3' OR LESS NO
REQUIREMENT FOR POLE OR
CONCRETE FOUNDATION
f'c = 4,500 PSI
TYPE V CEMENT
0.45 WATER TO CEMENT RATIO



#### Mesquite Building Department 10 East Mesquite Blvd. Mesquite, NV 89027 (702) 346-2835

North Las Vegas Building & Fire Safety 2250 Las Vegas Blvd. N N. Las Vegas, NV 89030 (702) 633-1577 Pahrump Building & Fire Safety Dept. 250 N Hwy 160 Suite #3 Pahrump, NV 89060 (775) 751-3373