

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

DESIGN CRITERIA

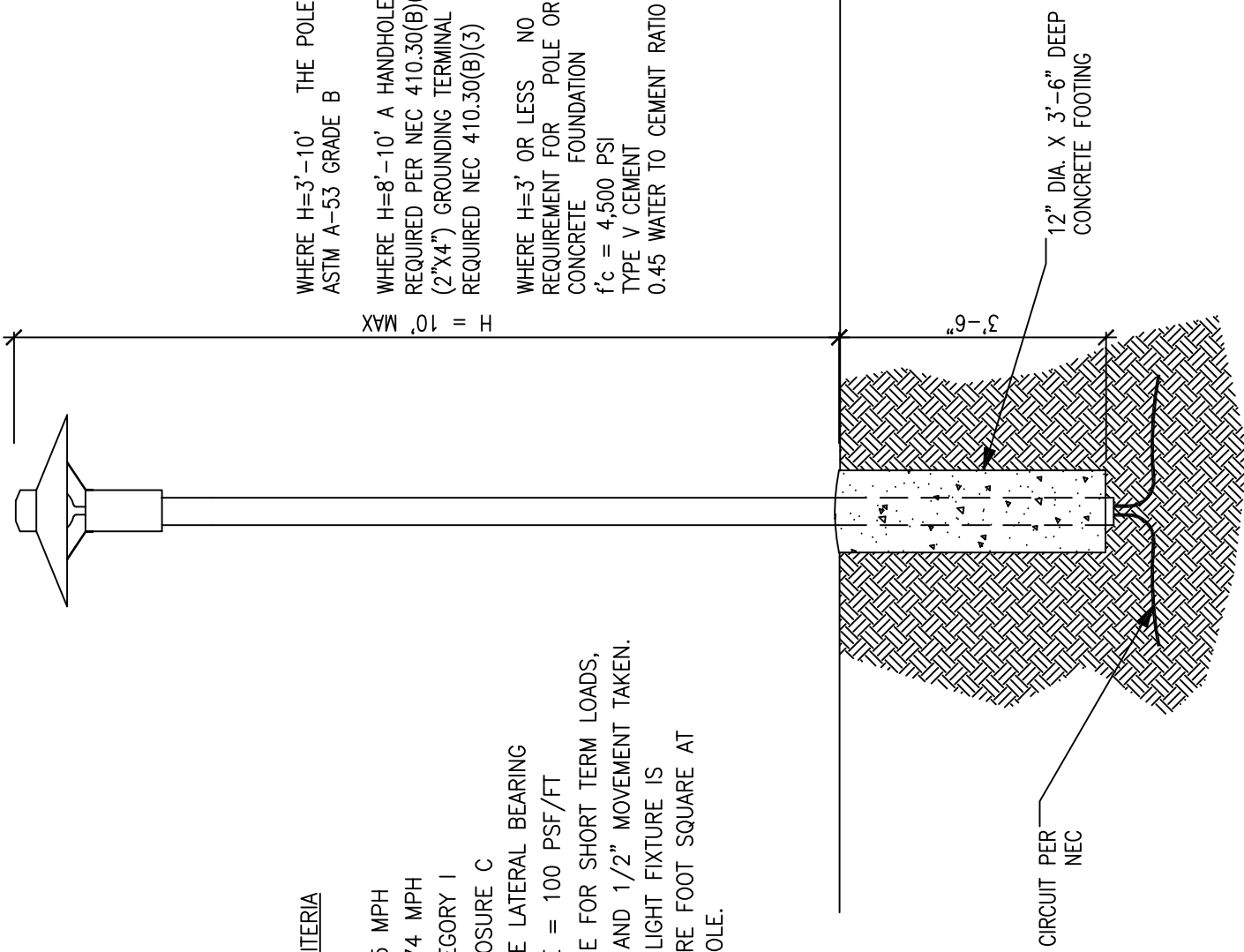
- \* 2018 IBC
- \* Vult = 95 MPH  
Vasd = 74 MPH
- RISK CATEGORY I
- WIND EXPOSURE C
- \* ALLOWABLE LATERAL BEARING  
PRESSURE = 100 PSF/FT
- \* INCREASE FOR SHORT TERM LOADS,  
DEPTH, AND 1/2" MOVEMENT TAKEN.
- \* ASSUMED LIGHT FIXTURE IS  
A 4 SQUARE FOOT SQUARE AT  
TOP OF POLE.

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

H = 10' MAX



**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