

SOUTHERN NEVADA BUILDING OFFICIALS
REGIONAL STANDARDS

E-104
7-7-14
PG. 1 OF 1

LANDSCAPE LIGHTING DETAIL

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
Bldg & 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

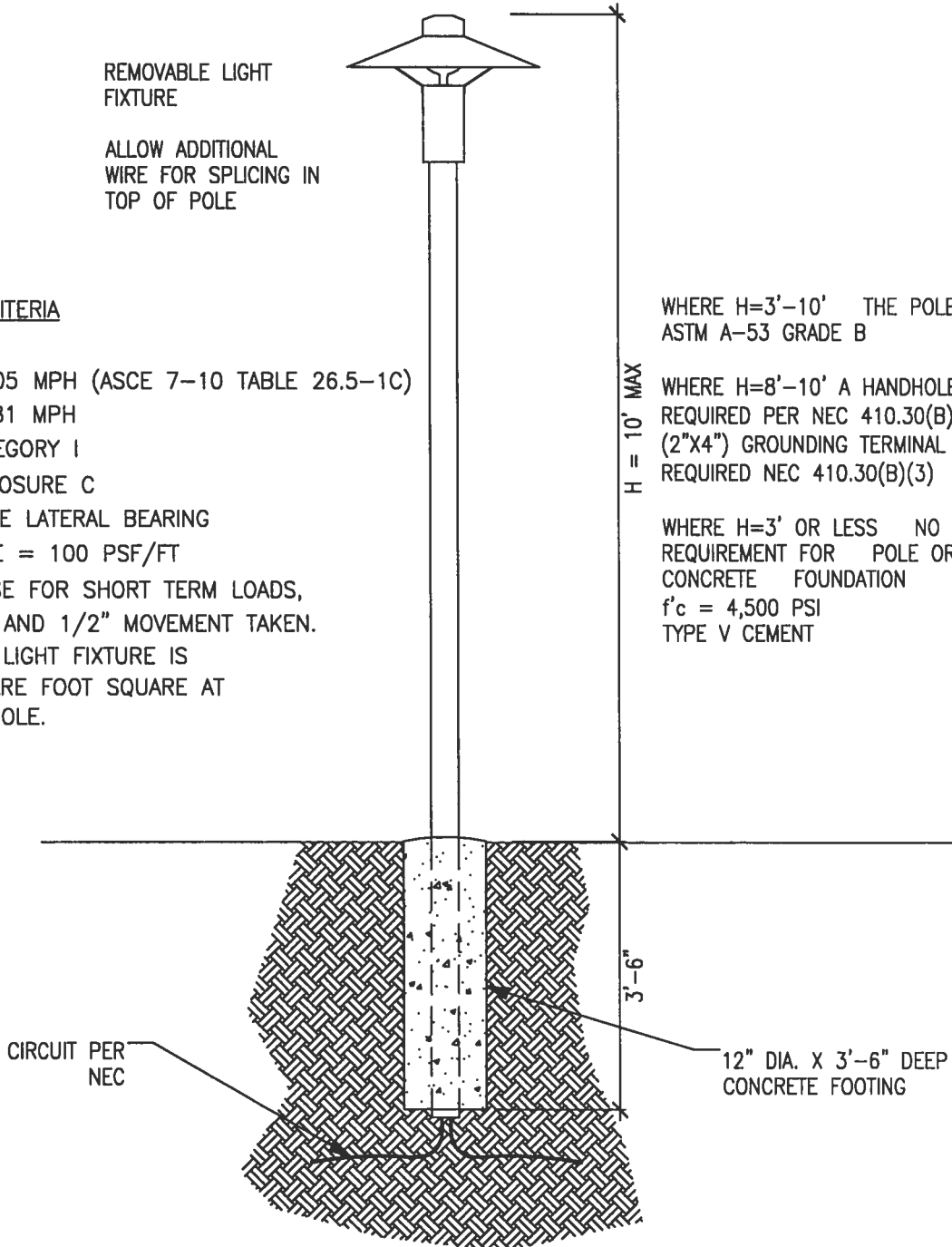
- * 2012 IBC
- * $V_{ult} = 105$ MPH (ASCE 7-10 TABLE 26.5-1C)
 $V_{asd} = 81$ MPH
RISK CATEGORY I
WIND EXPOSURE C
- * ALLOWABLE LATERAL BEARING
PRESSURE = 100 PSF/FT
- * INCREASE FOR SHORT TERM LOADS,
DEPTH, AND 1/2" MOVEMENT TAKEN.
- * ASSUMED LIGHT FIXTURE IS
A 4 SQUARE FOOT SQUARE AT
TOP OF POLE.

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

H = 10' MAX



CIRCUIT PER
NEC

12" DIA. X 3'-6" DEEP
CONCRETE FOOTING

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

North Las Vegas
Building Department
2250 Las Vegas Blvd. N
N. Las Vegas, NV 89030
(702) 633-1577

Pahrump
Building & Fire Safet Dept.
250 N Hwy 160 Suite #3
Pahrump, NV 89060
(775) 751-3373