

LANDSCAPE LIGHTING BASE DETAIL

2024 IBC - 2023 NEC

Clark County
Building Department
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 Department
240 S. Water Street
Henderson, NV 89015
(702) 267-3650

Las Vegas
Building & Safety
495 S. Main Street
Las Vegas, NV 89101
(702) 229-6251

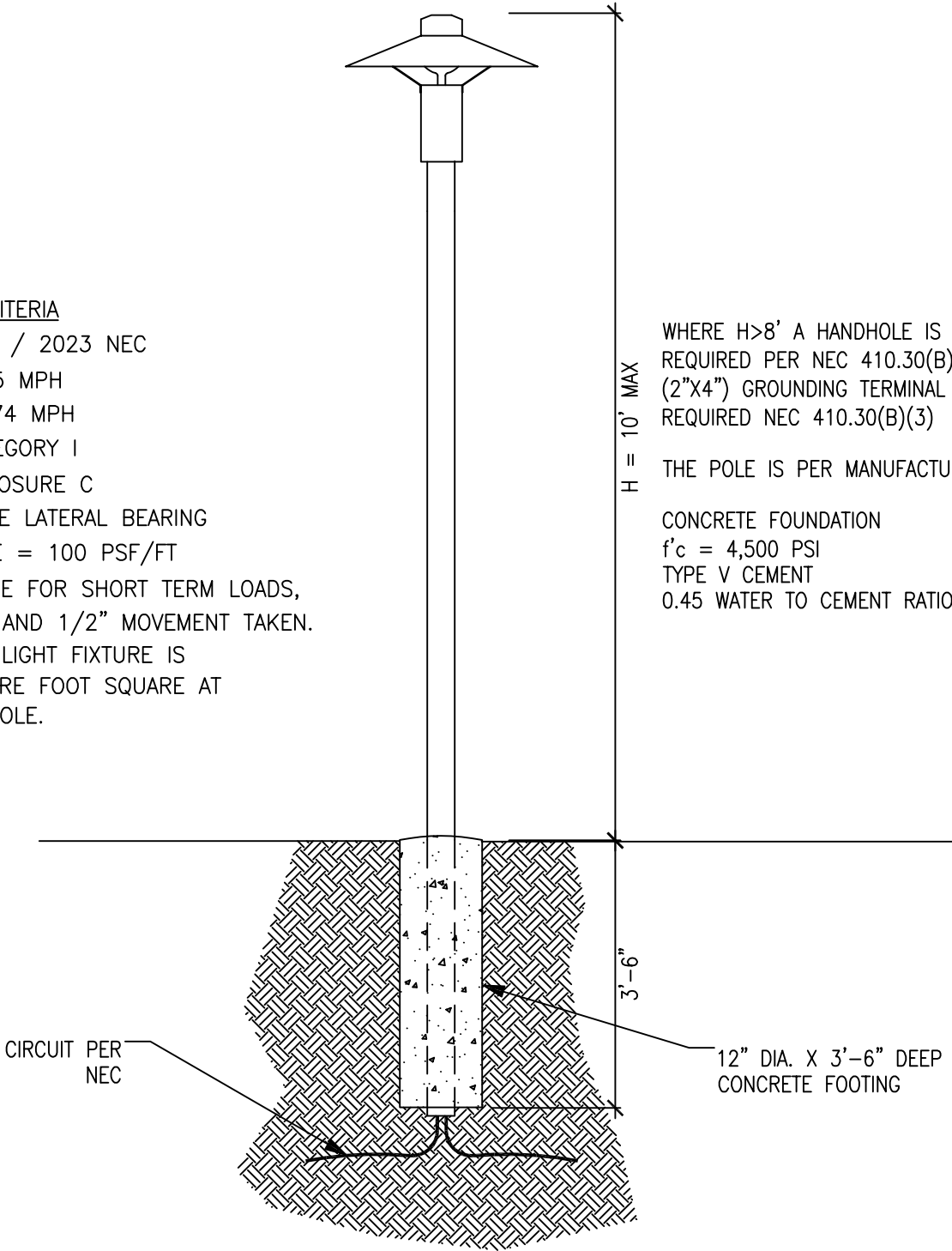
DESIGN CRITERIA

- * 2024 IBC / 2023 NEC
- * 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 $H > 8'$ A HANDHOLE IS
REQUIRED PER NEC 410.30(B)(1)
(2"x4") GROUNDING TERMINAL
REQUIRED NEC 410.30(B)(3)

THE POLE IS PER MANUFACTURER

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 Safety
2250 Las Vegas Blvd. N
N. Las Vegas, NV 89030
(702) 633-1577

Pahrump
Nye County Building Department
2041 E. Calvada Boulevard North
Pahrump, NV 89048
(775) 751-3373

Clark County School District
Building Department
1180 Military Tribute Place
Henderson, NV 89074
(702) 799-7605