

LANDSCAPE LIGHTING DETAIL

2018/2021 IBC - 2017 NEC

Henderson
Building & Fire Safety Dept.
240 Water Street
Henderson, NV 89015
(702) 267-3650

Las Vegas
Building & Safety
495 S. Main Street Las
Vegas, NV 89106
(702) 229-6251

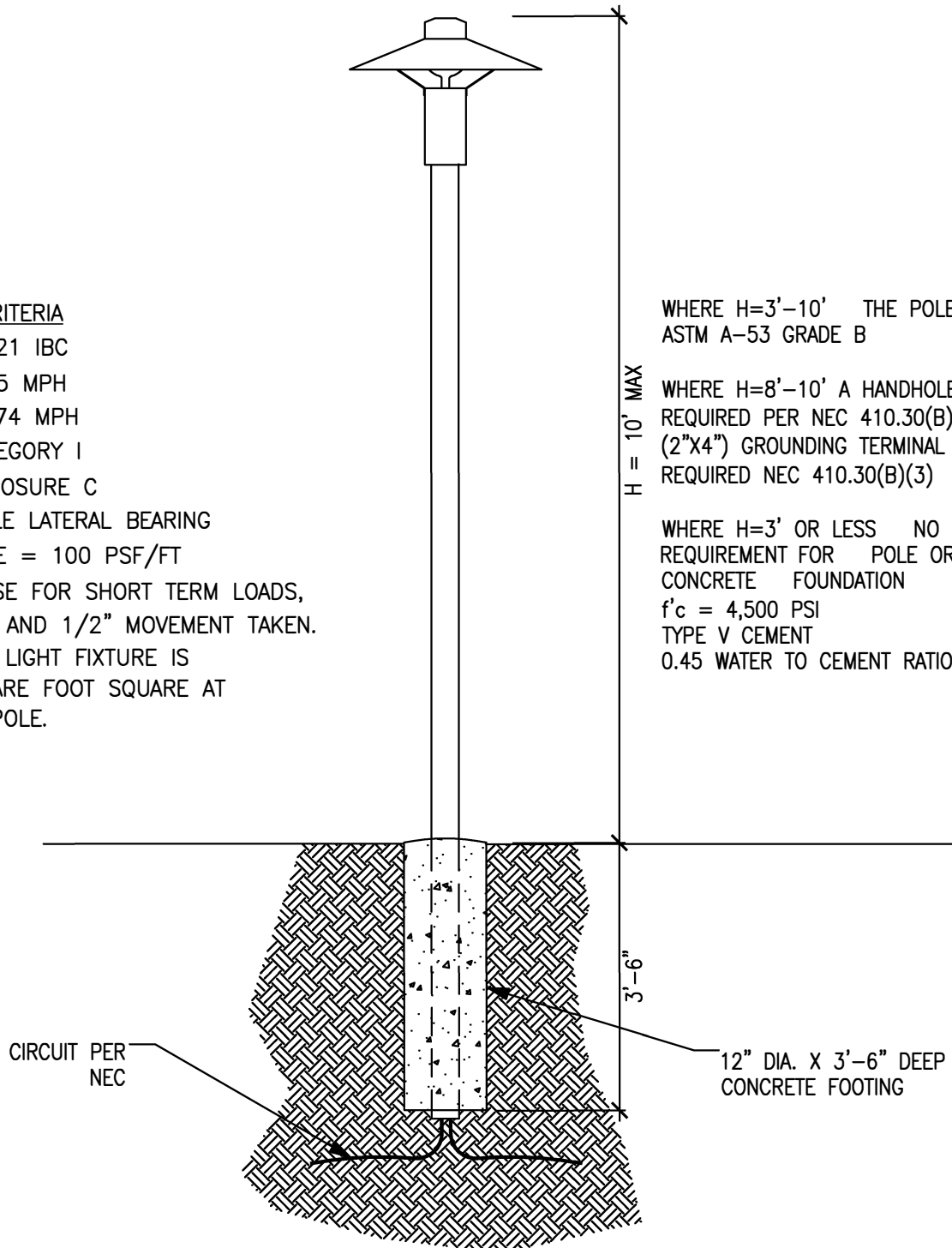
DESIGN CRITERIA

- * 2018/2021 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



CIRCUIT PER
NEC

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