

BOLTED LIGHT POLE BASE DETAIL

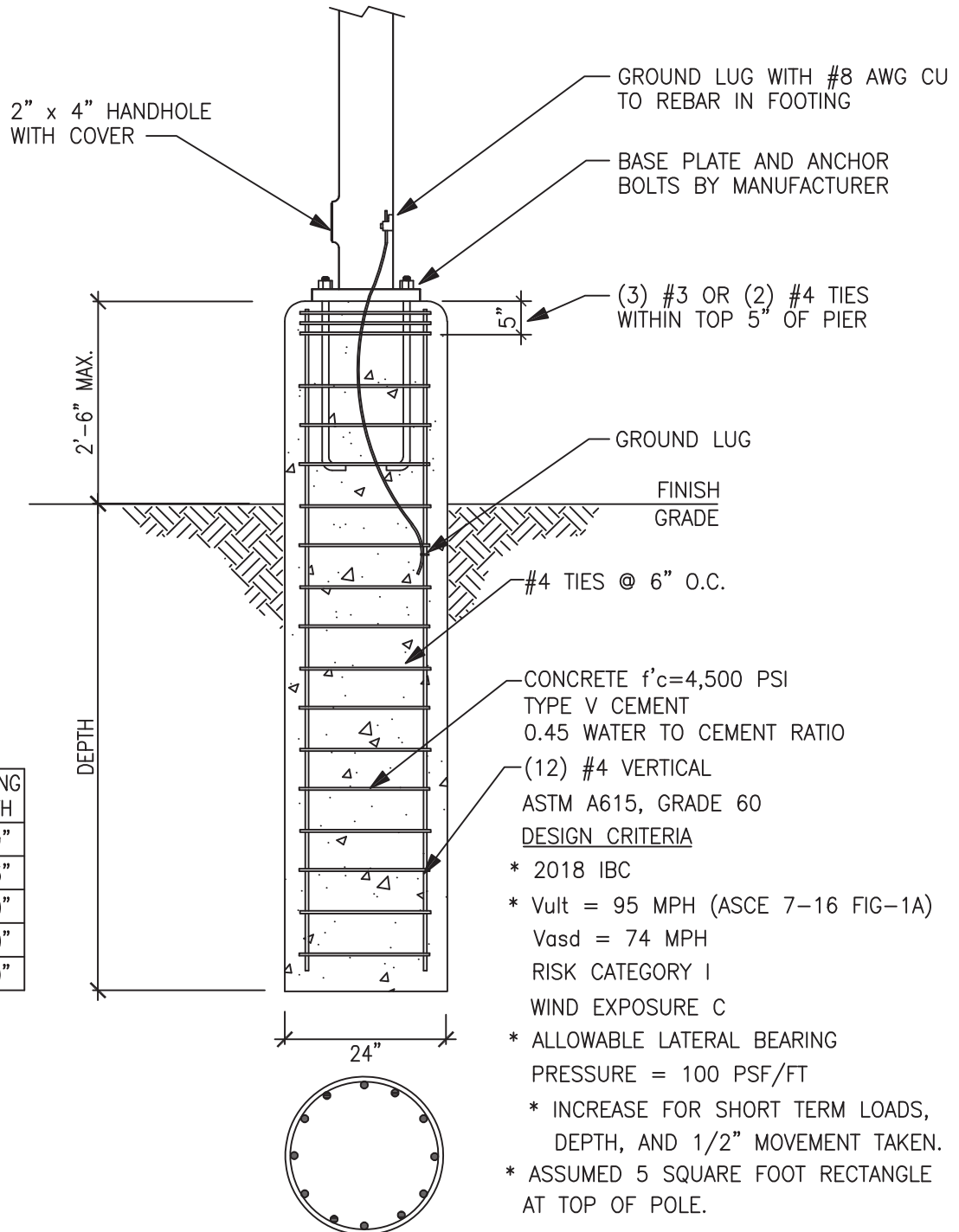
2018 IBC/2017 NEC

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



POLE HEIGHT	FOOTING DEPTH
8'-0"	2'-9"
12'-0"	3'-3"
20'-0"	4'-0"
30'-0"	5'-0"
40'-0"	6'-0"

- CONCRETE $f'_c=4,500$ PSI
TYPE V CEMENT
0.45 WATER TO CEMENT RATIO
- (12) #4 VERTICAL
ASTM A615, GRADE 60
- DESIGN CRITERIA
- * 2018 IBC
- * Vult = 95 MPH (ASCE 7-16 FIG-1A)
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 5 SQUARE FOOT RECTANGLE
AT TOP OF POLE.

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

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