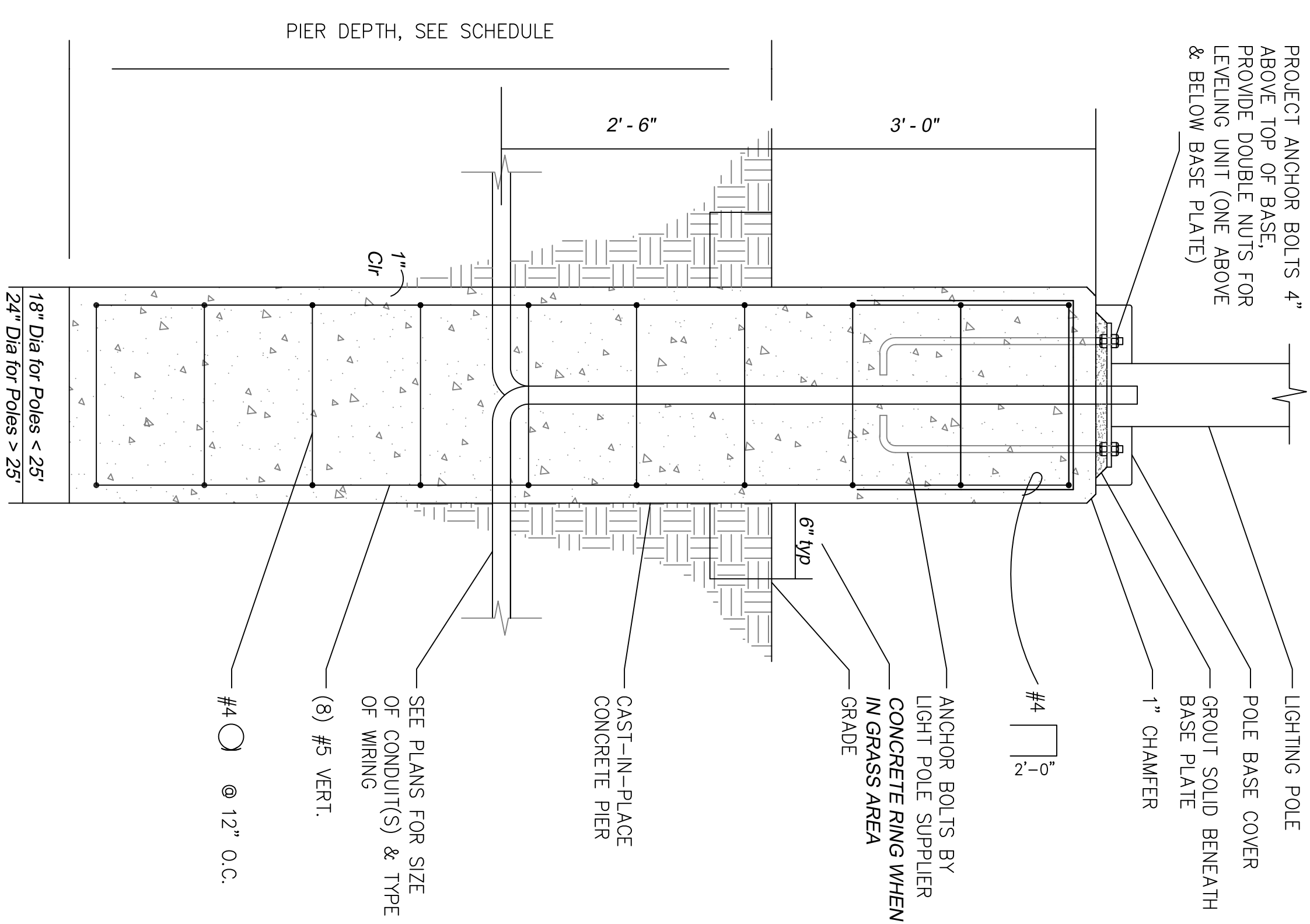


1 LIGHT POLE BASE DETAIL
SCALE: NOT TO SCALE
D1




2 LIGHT POLE BASE DETAIL
SCALE: NOT TO SCALE
D2

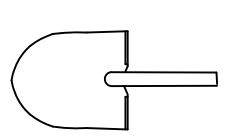
SHEET NOTES:

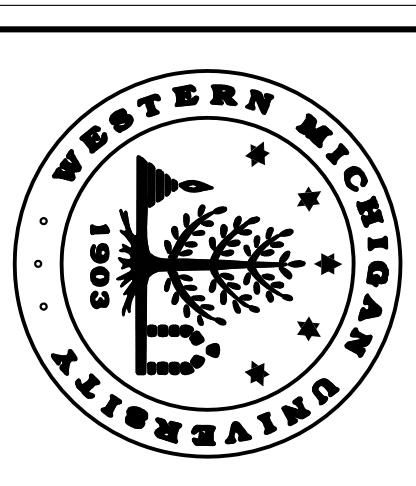
1. FOUNDATION DESIGN BASED UPON THE FOLLOWING:
 - A. 90 MPH, EXPOSURE C WIND.
 - B. (2) 2' x 6' BANNERS ATTACHED TO POLE.
 - C. (2) LIGHT FIXTURES WITH EPA = 2.3 SQ. FT.
 - D. (2) FIXTURE SUPPORT ARMS WITH EPA = 2.5 SQ. FT.
2. CONCRETE SHALL HAVE 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI AND SHALL HAVE AN ENTRAINED AIR CONTENT OF 6.5% +/- 1.5%.
3. REINFORCING STEEL ASTM A615 GRADE 60.
4. MINIMUM OF THREE (3) SLEEVES REQUIRED FOR EACH CONCRETE FOUNDATION UNLESS OTHERWISE SHOWN (ONE (1) SLEEVE FOR GROUND.)
5. PROVIDE A 0.750" DIAMETER 10' STEEL COPPER COATED GROUND ROD ADJACENT TO POLES AND CONNECT TO METAL POLE WITH BARE #4 COPPER CONDUCTOR.
6. CONTRACTOR TO VERIFY OPENING SIZE IN POLE BASE PLATE PRIOR TO SETTING CONDUIT SLEEVES.
7. POLE BASE 2 SHALL BE USED WHEN EVER THE BASE IS LOCATED WITH IN 6 FEET OF A SNOW PLOWED SURFACE. POLE BASE 1 CAN BE USED IN ALL THE OTHER LOCATIONS.

PIER DEPTH SCHEDULE				
SOIL TYPE	6" PIER EXTENSION ABOVE GRADE	30'-0" POLE	15'-0" POLE	30'-0" POLE
SAND, SILTY SAND, CLAYEY SAND, SILTY GRAVEL & CLAYEY GRAVEL (SW, SP, SM, SC, GM & GC)	7'-0"	8'-6"	7'-6"	9'-0"
CLAY, SANDY CLAY, SILTY CLAY, CLAYEY SILT, SILT & SANDY SILT (CL, ML, MH & CH)	8'-0"	10'-0"	9'-0"	10'-6"



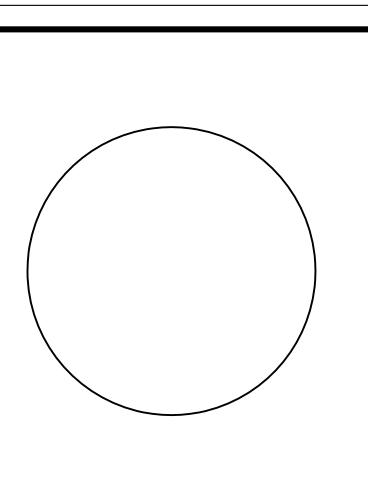
48 HOURS
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)





FACILITIES MANAGEMENT
ENGINEERING DIVISION
1903 W MICHIGAN AVE
KALAMAZOO, MI 49008
www.fm.wmich.edu

PROJECT TITLE
**WMU
STANDARDS**



3/22/2012 - Issued for use
DATE - REVISION DESCRIPTION

Drawn By: Nehlu Sivak
Approved: GLW
Date: May 6 2011

SHEET TITLE
**Street Light &
Parking lot
Pole Base**

PROJECT NO
VARIOUS

SHEET NO
SD26-03