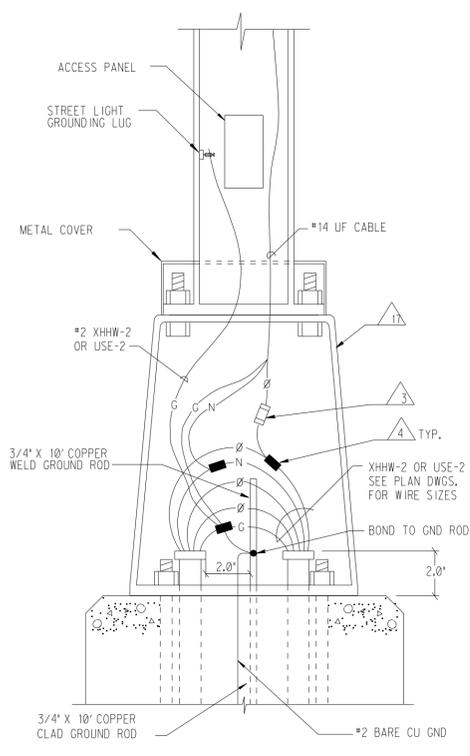
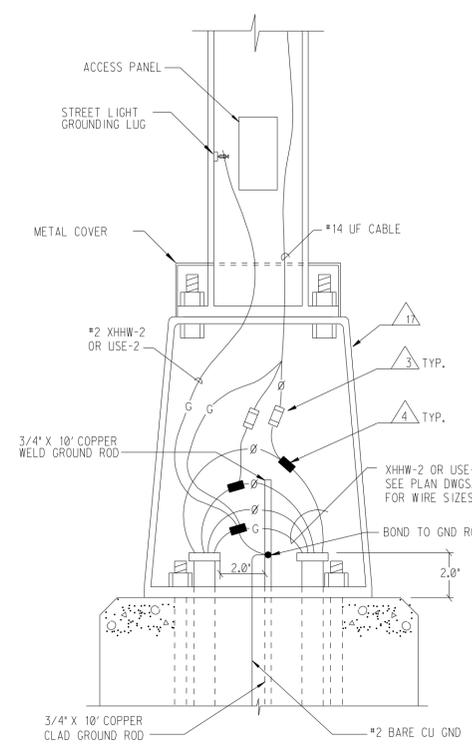


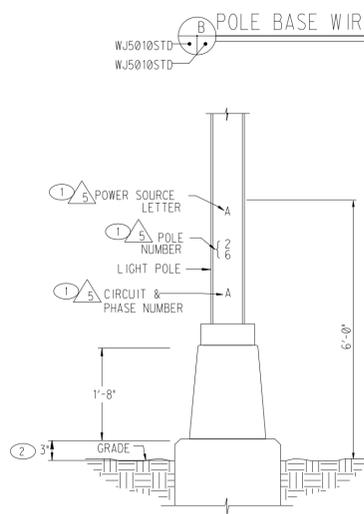
**A LIGHT POLE DETAIL**  
SCALE: NTS



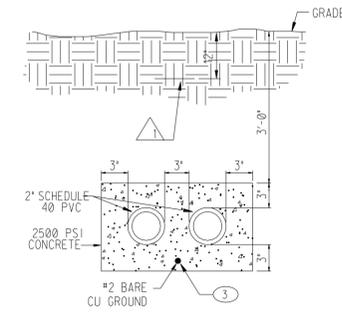
**B LINE-TO-NEUTRAL CONNECTION**  
SCALE: NTS



**C LINE-TO-LINE CONNECTION**  
SCALE: NTS



**D POLE IDENTIFICATION DETAIL**  
SCALE: NTS



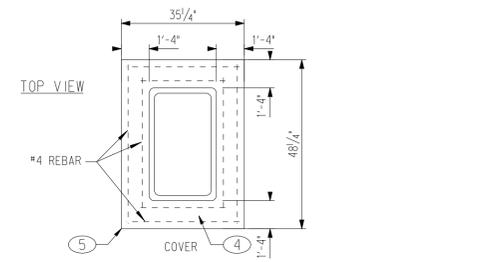
**E CONCRETE ENCASED DUCT SECTION**  
SCALE: NTS

**GENERAL NOTES**

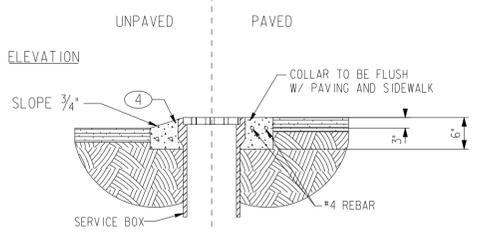
- SEE PLANS FOR LOCATION OF POLES.
- △ DENOTES SCHEDULED EQUIPMENT. SEE DRAWING WJ6001STD.DGN FOR EQUIPMENT SCHEDULE.
- DESIGN CRITERIA FOR CONCRETE POLE BASES.
  - WIND: PER ASCE 7-93, BASIC WIND SPEED = 100 MPH 1-1.0, EXPOSURE C.
  - MINIMUM ALLOWABLE LATERAL BEARING PRESSURE OF SOIL: PER 1994 UNIFORM BUILDING CODE TABLE 18-1-A, CLASS "5" MATERIALS: 100 PSF PER FOOT WITH 100% INCREASE FOR ISOLATED POLES PER FOOTNOTE "3".
- INSPECTION OF DRILLED PIERS WILL BE PROVIDED BY THE SDR, THE INSPECTOR WILL VERIFY THAT SOILS ARE ADEQUATE TO PROVIDE THE MINIMUM LATERAL BEARING PRESSURE SHOWN ABOVE. THE INSPECTOR WILL VERIFY PROPER DIAMETER, DEPTH AND CLEANING. CONTRACTOR SHALL COOPERATE WITH INSPECTOR AND OBTAIN INSPECTOR'S APPROVAL BEFORE CONCRETE IS PLACED.
- SEE STANDARD SPEC. #1 6521 EXTERIOR LIGHTING UNITS.

**KEYED NOTES**

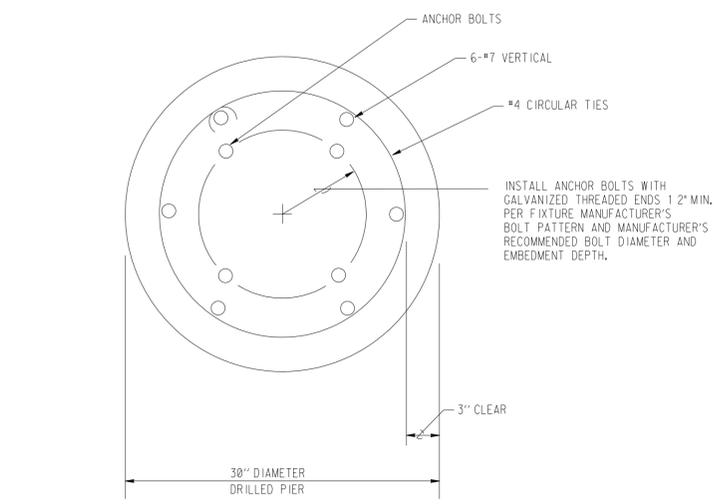
- EACH POLE/LIGHT IDENTIFICATION IS SHOWN ON PLANS. IDENTIFICATION TO BE PLACED ON STREET OR SIDEWALK SIDE, AS DIRECTED BY SANDIA DELEGATED REPRESENTATIVE.
- IN PARKING AREAS (ILOTS), TOP OF CONCRETE FOUNDATION SHALL BE 30" ABOVE FINISHED GRADE.
- EXTEND GROUND WIRE UP TO TOP OF CONCRETE FOUNDATION. BOND TO GROUND ROD.
- ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS
- REINFORCEMENT STEEL SHALL BE ASTM A615, GRADE 60, MINIMUM YIELD STRENGTH OF 60,000 PSI.



**F PULL BOX COLLAR DETAIL**  
SCALE: NTS



**G PULL BOX COLLAR ELEVATION**  
SCALE: NTS



**H SECTION**  
SCALE: 1/2"=1'-0"

REV	DATE	DESCRIPTION	DWN	CKD	APP
1	12/7/05	UPDATE			
2	1/15/03	UPDATE			
3	3/06	EXTERIOR LIGHTING DETAIL			
4	6/07	CORRECTIONS			

U.S. DEPARTMENT OF ENERGY					
NNSA/SANDIA SITE OFFICE			ALBUQUERQUE, NEW MEXICO		
SANDIA NATIONAL LABORATORIES					
Exterior Lighting Details					P.O.
Standards					PROJECT NO.
DRAWN BY					daarons
CHECKED BY					sjredd
DISCIPLINE					SNL ENGR
DISCIP: W	SUB-DISCIP: J	STD	DATE	06/30/2001	SEQ.
OLD FILENAME: ES5015STD.DGN			SIZE	DRAWING NO	
FILENAME: WJ5010STD.dgn			D+	WJ5010STD.DGN	