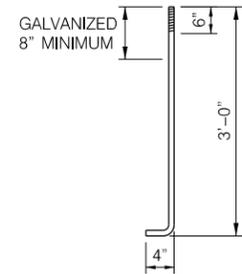
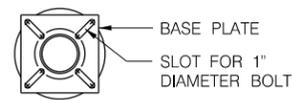


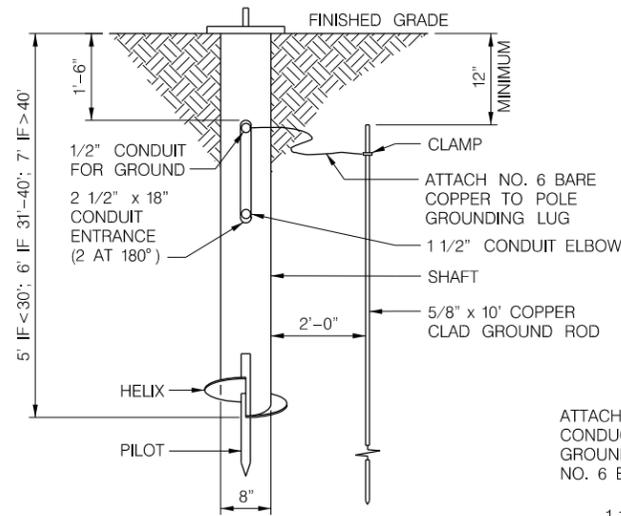
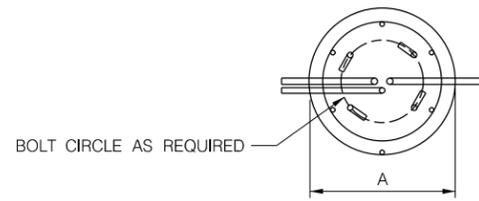
**LIGHT POLES LOCATED ON SLOPE**

- EXAMPLE: SL-A-C-40-T6/12T-3-0.25-PC
- STREET LIGHT POLE
  - A - ANCHOR BASE
  - T - TRANSFORMER BASE
  - B - BREAKAWAY
  - C - CONCRETE FOUNDATION
  - EM - EMBEDDED
  - PI - POWER INSTALLED
  - S - ON STRUCTURE
  - SP - SPECIAL
  - W - WOOD
  - MOUNTING HEIGHT
  - ONLY IF TWIN STREET LIGHT ARM
  - ARM LENGTH
  - SECOND ARM LENGTH, IF DIFFERENT
  - ARM TYPE
  - SINGLE IS NO DESIGNATION
  - T - TRUSS
  - UPSWEEP OF LUMINAIRE ARM
  - LAMP SIZE IN KILOWATTS
  - PC - PHOTO CELL
  - SC - SHORTING CAP

**POLE TYPE AND SIZE LEGEND**



**ANCHOR BOLT DETAIL**



**NOTES:**  
 FOUNDATION MUST BE INSTALLED PRIOR TO TRENCHING AND WITHOUT PILOT HOLE.

FOUNDATION MUST BE INSTALLED WITH BASEPLATE LEVEL AND FLUSH WITH FINISHED GRADE.

**FOUNDATION**

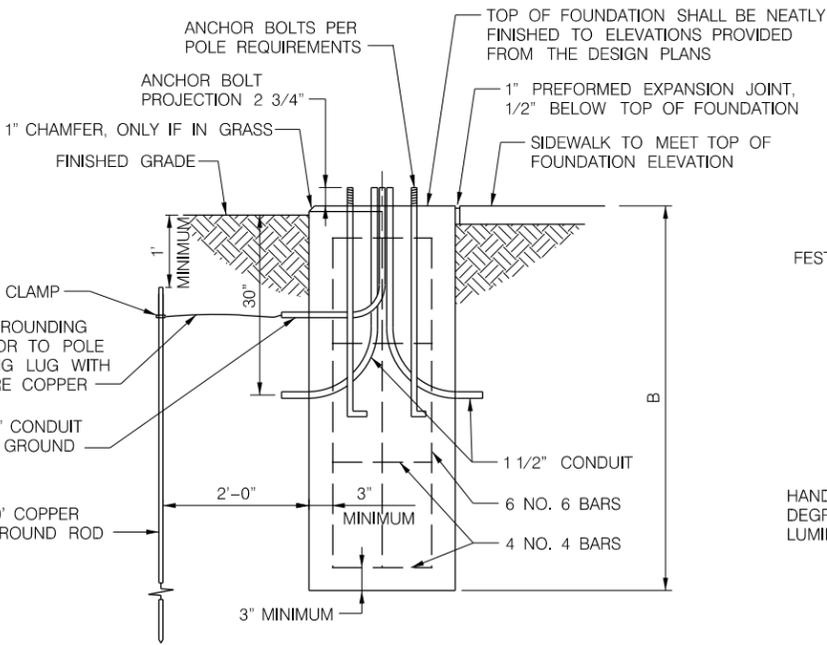
- SHAFT: ASTM A53 SCHEDULE 4  $\phi$ , GRADE B.
- ASTM A501 OR ASTM A252, GRADE 2.
- BASE PLATE: ASTM A36
- HELIX: ASTM A29
- PILOT: ASTM 575

GALVANIZE FOUNDATION PER ASTM A153 AFTER FABRICATION.

**HARDWARE**

- CARRIAGE BOLTS: SAE J429 GRADE 5 GALVANIZED A153 CLASS C
- HEAVY HEX NUTS: ASTM A563 GRADE D OR DH GALVANIZED A153
- WASHERS: ASTM F436 GALVANIZED A153

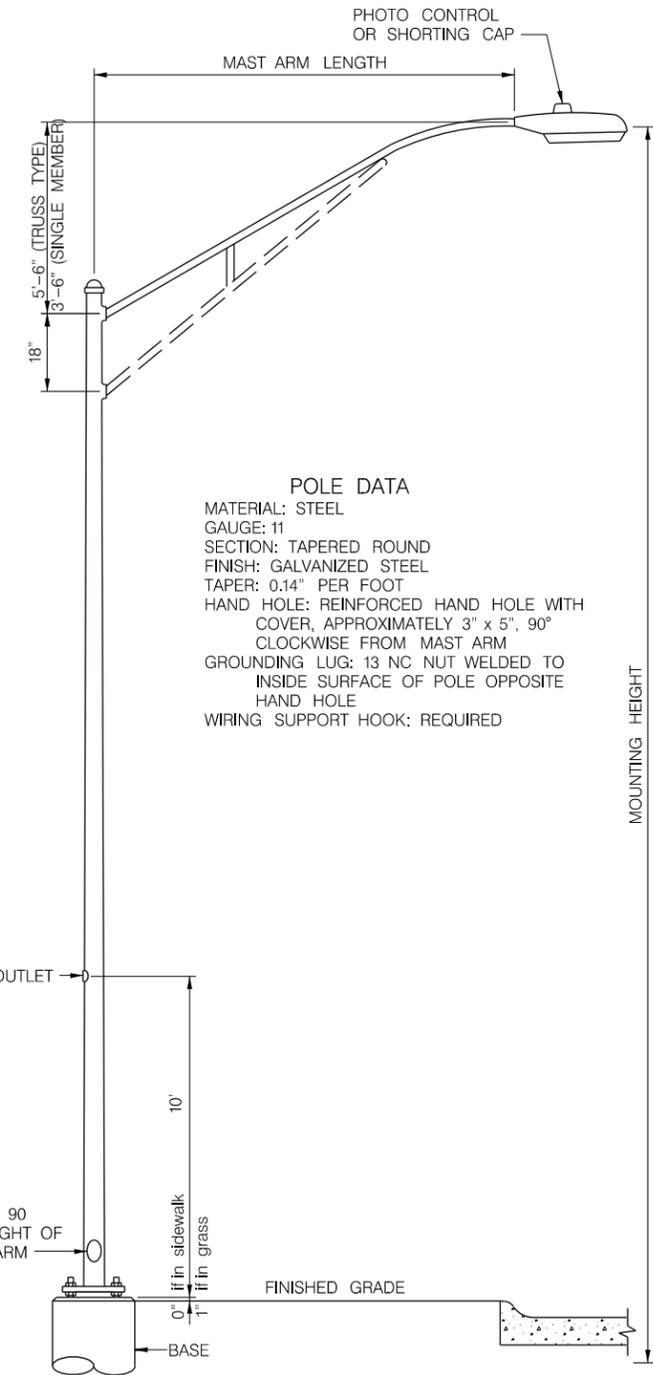
**POWER INSTALLED FOUNDATION**



REINFORCING STEEL: GRADE 60  
 ANCHOR BOLTS: 1" DIAMETER (AASHTO M314, GR.55)  
 HEAVY HEX GALVANIZED NUTS: (AASHTO M291, GR A)  
 FLAT WASHERS GALVANIZED: (AASHTO M293)

STREET LIGHT FOUNDATION DATA					
FOUNDATION	MOUNTING HEIGHT	A	B	STEEL	CONCRETE
F2530	UP TO 30'	2'-0"	5'-0"	50 lb.	0.58 CU. YDS.
F3540	31' TO 40'	2'-0"	5'-6"	55 lb.	0.64 CU. YDS.
F4550	41' TO 50'	2'-6"	6'-0"	63 lb.	1.10 CU. YDS.

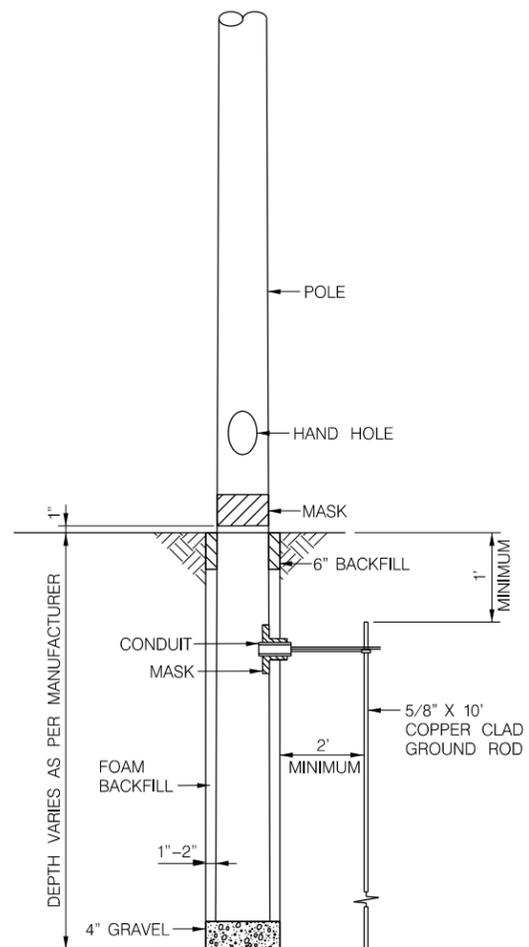
**CONCRETE FOUNDATION**



**POLE DATA**

- MATERIAL: STEEL
- GAUGE: 11
- SECTION: TAPERED ROUND
- FINISH: GALVANIZED STEEL
- TAPER: 0.14" PER FOOT
- HAND HOLE: REINFORCED HAND HOLE WITH COVER, APPROXIMATELY 3" x 5", 90° CLOCKWISE FROM MAST ARM
- GROUNDING LUG: 13 NC NUT WELDED TO INSIDE SURFACE OF POLE OPPOSITE HAND HOLE
- WIRING SUPPORT HOOK: REQUIRED

**STREET LIGHTING POLE ELEVATION**



**EMBEDDED POLE**

