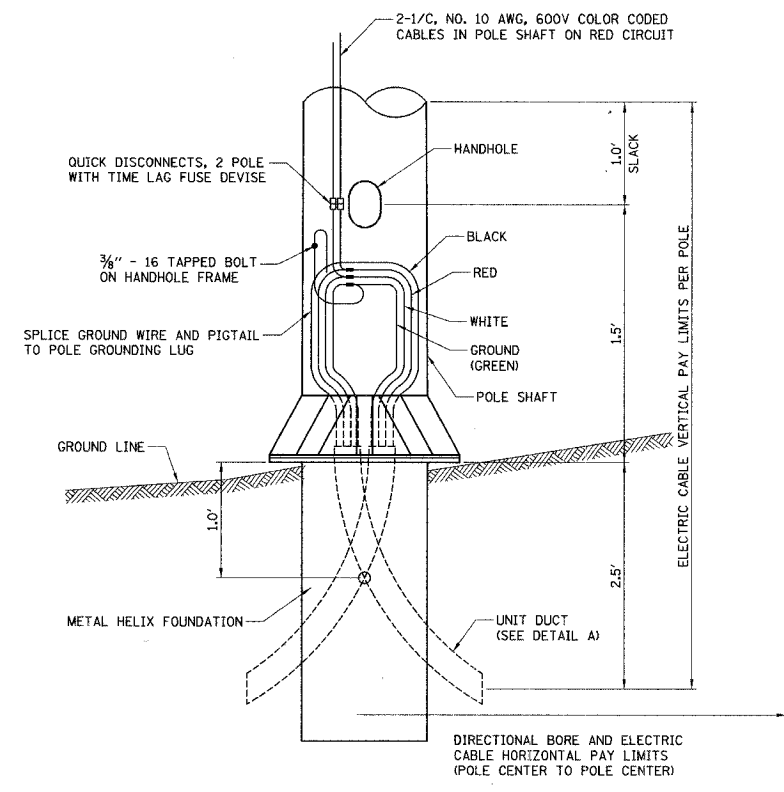


**STREETLIGHT HELIX FOUNDATION**  
 HELIX MUST BE FORMED BY MATCHING METAL DIE (SIDE VIEW OF TRUE HELICAL FORM) (A.B. CHANCE OR APPROVED EQUAL)

**FOUNDATION NOTES**

- FINISH: HOT DIP GALVANIZED PER ASTM-A123 (LATEST REVISION).
- BASE PLATE TO BE PERPENDICULAR TO SHAFT AXIS AND HOLE CENTERLINE CONCENTRIC TO SHAFT AXIS.
- STENCIL MIN. 1/2" LETTERS MANUFACTURER'S NUMBER AFTER GALVANIZING.
- PILOT POINT AND SHAFT AXES TO BE CONCENTRIC AND IN LINE.
- FLAME CUT SLOT PERPENDICULAR TO THE BASE PLATE.
- PREHEAT, TUMBLEBLAST, HAND GRIND AND CLEAN BASE PLATE, HELIX, AND PILOT POINT ON ALL WELDED AREAS.
- FLAME CUT IRREGULARITIES PERMISSIBLE:
  - VALLEYS NOT TO EXCEED 1/2" BELOW NOMINAL SURFACE LEVEL.
  - PEAKS OR POSITIVE IRREGULARITIES NOT TO EXCEED 1/2" ABOVE NOMINAL SURFACE LEVEL OR INTERSECTIONS OF NOMINAL SURFACES.
- MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESS.
- ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:
  - BASE PLATE: ASTM A 36-(LATEST REVISION) HOT ROLLED STEEL PLATE. (CONFORM TO AASHTO TECH. BUL. #270)
  - SHAFT: STEEL PIPE PILES, SEAMLESS OR STRAIGHT WELDED, GRADE-2 PER ASTM A252
  - HELIX: ASTM A29-(LATEST REVISION)
  - PILOT POINT: HOT ROLLED STEEL ASTM A575 (LATEST REVISION) STEEL BAR

NOTE:  
 CONTRACTOR SHALL VERIFY BOLT CIRCLE REQUIRED FOR EACH POLE TYPE PRIOR TO ORDERING POLES AND FOUNDATIONS.



**STREET LIGHT DETAIL**

**30 FT. LIGHT STANDARD**

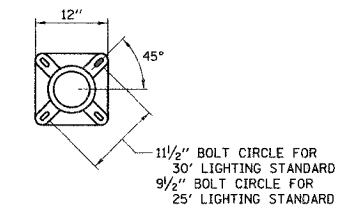
LUMINAIRE: KIM LIGHTING - AR3 MODEL (NO SUBSTITUTIONS) 250 WATT, H.P.S., M-C-III, 120V, 30 FT. M.H., 8 IN. SUPPORT ARM, DARK BRONZE-POWDER COAT FINISH

POLE: ROUND TAPERED ALUMINUM, KIM-LIGHTING-LTRA30-8188 DARK BRONZE-POWDER COAT FINISH, 11-1/2" BOLT CIRCLE, OR APPROVED EQUAL

**25 FT. LIGHT STANDARD**

LUMINAIRE: KIM LIGHTING - SAR3 MODEL (NO SUBSTITUTIONS) 150 WATT, H.P.S., M-C-III, 120V, 25 FT. M.H., 8 IN. SUPPORT ARM, DARK BRONZE-POWDER COAT FINISH

POLE: ROUND TAPERED ALUMINUM, KIM-LIGHTING-LTRA25-6188 DARK BRONZE-POWDER COAT FINISH, 9-1/2" BOLT CIRCLE, OR APPROVED EQUAL



**ANCHOR BASE DETAIL**

