

-NOTES-

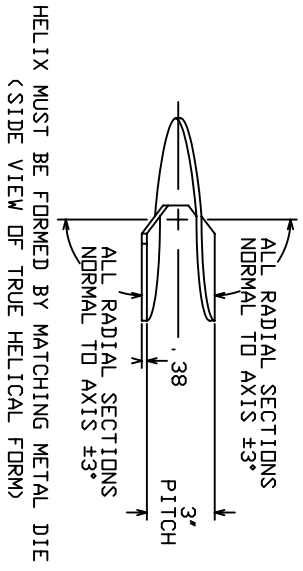
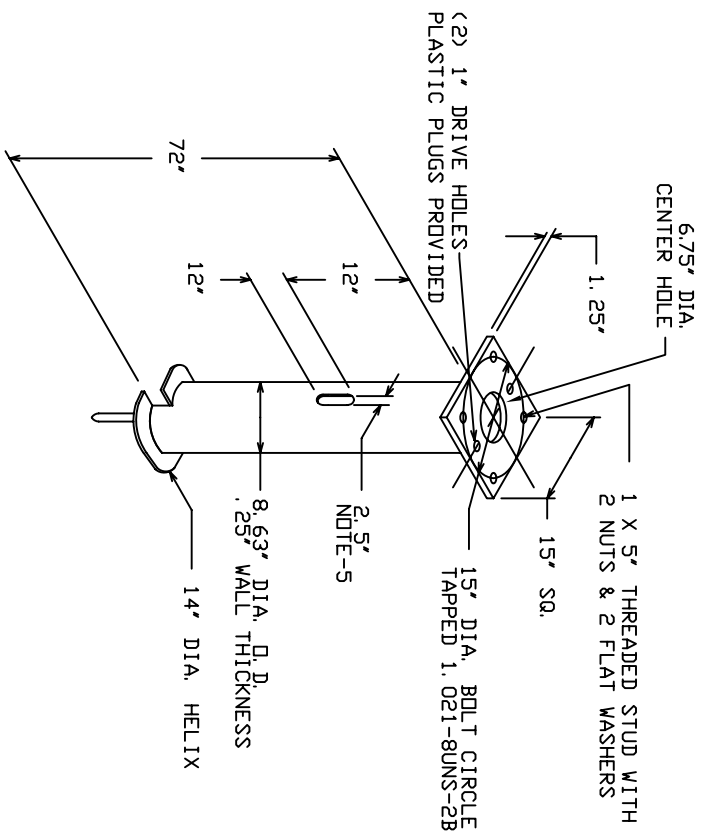
1. FINISH: HOT DIP GALVANIZE PER ASTM-A153 (LATEST REVISION).
2. BASEPLATE TO BE PERPENDICULAR TO SHAFT AXIS ( $\pm 1^\circ$ ) AND HOLE CENTERLINE CONCENTRIC ( $\pm .188$ ) TO SHAFT AXIS
3. STENCIL MIN. 1/2" IN. LETTERS MANUFACTURER'S NUMBER AFTER GALVANIZING.
4. PILOT POINT AND SHAFT AXES TO BE CONCENTRIC ( $\pm .125$  FIM) AND IN LINE ( $\pm 2^\circ$ ).
5. FLAME CUT TWO SLOTS IN SHAFT PERPENDICULAR TO THE BASEPLATE. PREHEAT, TUMBLEBLAST, HANDGRIND, AND CLEAN BASEPLATE, HELIX, AND PILOT POINT ON ALL WELDED AREAS.
6. FLAMECUT IRREGULARITIES PERMISSIBLE: (1) VALLEYS NOT TO EXCEED 3/32" IN. BELOW NOMINAL SURFACE LEVEL, (2) PEAKS OR POSITIVE IRREGULARITIES NOT TO EXCEED 1/32" IN. ABOVE NOMINAL SURFACE LEVEL OR INTERSECTIONS OF NOMINAL SURFACES.
7. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES. ALL MATERIAL IS TO BE NEW, UNUSED AND WILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:
8. BASEPLATE: ASTM A36--(LATEST REVISION) STRUCTURAL STEEL  
(CONFORM TO AASHTO TECH. BUL. # 270)
9. SHAFT: ASTM A252-(LATEST REVISION) GRADE 2, STEEL PIPE PILES. ALTERNATE MATERIAL: ASTM A53-(LATEST REVISION) TYPE E OR S, GRADE B, STEEL PIPE OR ASTM A500-(LATEST REVISION) GRADE B, STRUCTURAL STEEL TUBING.

HELIX: HOT ROLLED STEEL PLATE OR COIL MEETING THE CHEMICAL AND PHYSICAL REQUIREMENTS OF AASHTO M270 GRADE 36 (ASTM A709 GR 36) OR ASTM A36.

PILOT POINT: ASTM A575 (LATEST REVISION) 1-1/4" DIAMETER HOT ROLLED STEEL BAR.

BOLTS: ALL THREAD STUDS PER ASTM A193 B7 EXCEEDING PHYSICAL REQUIREMENTS OF ASTM F1554 GR. 55.

10. BASEPLATE IS PERMANENTLY STAMPED WITH MANUFACTURER'S IDENTIFICATION 'ABC' IN 1/2" LETTERS AND DATE CODE IN 1/4" LETTERS.
11. WELDS TO WITHSTAND A MINIMUM OF 10,000 FT. LBS TORQUE APPLIED ABOUT THE VERTICAL AXIS.
12. ALL IRON AND STEEL PRODUCTS ARE DOMESTICALLY MANUFACTURED.
13. BASEPLATE PERMANENTLY MARKED TO INDICATE CABLEWAY OPENING IN SHAFT.



ALL RADIAL SECTIONS  
NORMAL TO AXIS  $\pm 3^\circ$

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NORMAL TO AXIS  $\pm 3^\circ$

PITCH 3'

HELIX MUST BE FORMED BY MATCHING METAL DIE  
(SIDE VIEW OF TRUE HELICAL FORM)

LIGHTING FOUNDATION  
CAT. NO. 1112-0509

<p align="center"><b>CHANCE</b></p>		<p align="center"><b>HUBBELL POWER SYSTEMS</b></p>	
<p align="center">TITLE</p> <p align="center"><b>LIGHTING FOUNDATION</b></p>		<p align="center">DATE</p> <p align="center">11/9/04</p>	
<p align="center">SIZE</p> <p align="center">SB SA112-0509</p>		<p align="center">DWN BY</p> <p align="center">KSH</p>	
<p align="center">DO NOT SCALE THIS DRAWING</p>		<p align="center">DATE</p> <p align="center">11/9/04</p>	
<p align="center">REV</p> <p align="center">E</p>		<p align="center">SHEET</p> <p align="center">1/1</p>	