


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

-NOTES-

1. FINISH: HOT DIP GALVANIZE PER ASTM-A153 (LATEST REVISION). BASEPLATE TO BE PERPENDICULAR TO SHAFT AXIS ( $\pm 1^\circ$ ) AND HOLE CENTERLINE CONCENTRIC ( $\pm .188$ ) TO SHAFT AXIS.
2. STENCIL MIN. 1/2 IN. LETTERS MANUFACTURER'S NUMBER AFTER GALVANIZING.
3. PILOT POINT AND SHAFT AXES TO BE CONCENTRIC ( $\pm .125$  FIM) AND IN LINE ( $\pm 2^\circ$ ).
4. PREHEAT, TUMBLEBLAST, HANDGRIND, AND CLEAN BASEPLATE, HELIX, AND PILOT POINT ON ALL WELDED AREAS.
5. 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.
6. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES. ALL MATERIAL IS TO BE NEW, UNUSED AND MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:
7. BASEPLATE: ASTM A36-(LATEST REVISION) STRUCTURAL STEEL (CONFORM TO AASHTO TECH. BUL. #270).
8. 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.
9. HELIX: ASTM A635-(LATEST REVISION) 3/8" THICK HOT ROLLED STEEL PLATE DR COIL.
10. PILOT POINT: ASTM A575-(LATEST REVISION) 1-1/4" DIAMETER HOT ROLLED STEEL BAR.
9. BASEPLATE IS PERMANENTLY STAMPED WITH MANUFACTURER'S IDENTIFICATION 'ABC' IN 1/2" LETTERS AND DATE CODE IN 1/4" LETTERS.
10. BASEPLATE PERMANENTLY MARKED TO INDICATE CABLEWAY OPENING IN SHAFT.

LIGHTING FOUNDATION  
CAT. NO. 11120837

<b>CHANGE</b>		 <b>HUBBELL POWER SYSTEMS</b>	
TITLE		FAA FOUNDATION	
CONSENT: THIS DRAWING AND THE CONTENTS HEREOF ARE THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS. NO PUBLICATION, DISTRIBUTION OR OTHER USE OF THIS DRAWING OR CONTENTS HEREOF IS PERMITTED WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS. UNPUBLISHED. ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.		SIZE	DWG NO.
DO NOT SCALE THIS DRAWING		SBSA1120837	11120837
DRAFTER		DATE	SHEET
KSH		5/8/07	1/1