



- 4 - 3/4 X 3.5 CARRIAGE BOLTS & NUTS
- 19-3/4" DIA.
- 12" DIA. BOLT CIRCLE
- GUSSETS - 4 LOCATIONS SEE VIEW 'A'
- NOTE-5
- 3"
- 8.63" DIA. O.D. .25" WALL THICKNESS
- 14" DIA. HELIX
- 60°
- 18"
- 12"
- 7" DIA. CENTER HOLE
- 1"
- ALL RADIAL SECTIONS NORMAL TO AXIS ±3°
- .38
- 3" PITCH
- ALL RADIAL SECTIONS NORMAL TO AXIS ±3°
- HELIX MUST BE FORMED BY MATCHING METAL DIE <SIDE VIEW OF TRUE HELICAL FORM>
- GUSSET 1/2" THICK
- VIEW 'A'
- GUSSET LOCATIONS
- 3
- 3"
- 3"
- GUSSET DETAIL
1. FINISH: HOT DIP GALVANIZE PER ASTM-A153 (LATEST REVISION), BASEPLATE TO BE PERPENDICULAR TO SHAFT AXIS (±1°) AND HOLE CENTERLINE CONCENTRIC (±.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 (±.125 FIM) AND IN LINE (±2°).
4. FLAME CUT SLOT PERPENDICULAR TO THE BASEPLATE.
5. 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 MILL TRACEABLE MEETING THE FOLLOWING SPECIFICATIONS:
8. BASEPLATE: ASTM A36-(LATEST REVISION)
9. SHAFT: ASTM A252-(LATEST REVISION) GRADE 2, STEEL PIPE PILES. ALTERNATE MATERIAL: ASTM A53-(LATEST REVISION) TYPE E DR S, GRADE-B, STEEL PIPE OR ASTM A500-(LATEST REVISION) GRADE B, STRUCTURAL STEEL TUBING.
10. HELIX: ASTM A635 (LATEST REVISION) 3/8" THICK HOT ROLLED STEEL PLATE OR COIL.
11. PILOT POINT: ASTM A575 (LATEST REVISION) 1-1/4" DIAMETER HOT ROLLED STEEL BAR.
- BOLTS: CARRIAGE BOLT PER ANSI B-18.5, SAE J429 GRADE-5.
10. FLAME CUT NOTCH OR PROJECTION WILL BE ON BASEPLATE TO INDICATE CABLEWAY LOCATION.
11. PERMANENT STAMPED IDENTIFICATION WITH ABC IN 1/2" LETTERS AND JULIAN DATE CODE IN 1/4" LETTERS.

-NOTES-

LIGHTING FOUNDATION
CAT. NO. T112-0444

CHANCE		HUBBELL POWER SYSTEMS	
TITLE		LIGHTING FOUNDATION	
SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
DO NOT SCALE THIS DRAWING	SB SA112-0444	T112-0444	C
DATE 10/24/04		SHEET 1/1	