



RAILROAD SIGNAL FOUNDATION
 CAT. NO. 7112-0591

- 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.
 6. HELIX, AND PILOT POINT ON ALL WELDED AREAS.
 7. 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.
 8. 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:
 - 9.

- BASEPLATE: ASTM A36-(LATEST REVISION) STRUCTURAL STEEL
 (CONFORM TO AASHTO TECH. BUL. #270).
- SHAFT: STEEL PIPE PILES, SEAMLESS OR STRAIGHT WELDED,
 GRADE-2 PER ASTM A252 ALL MATERIAL. STEEL PIPE TYPE
 E OR S, GRADE B, STEEL PIPE OR ASTM A53.
- HELIX: ASTM A635 (LATEST REV'N) 3/8" THICK HOT ROLLED STEEL
 PLATE OR COIL.
- PILOT POINT: ASTM A575 (LATEST REV'N) 1-1/4" DIAMETER HOT ROLLED
 STEEL BAR.
- BOLTS: CARRIAGE BOLT 1-8UNC-2A PER ANSI B-18.5, SAE J429 GRADE-5.
- NUTS: HEAVY HEX NUT PER ASTM A194 GRADE 2H OR ASTM A563 GRADE DH,
 MEETING SUPPLEMENTARY REQUIREMENTS OF ASTM A563, 1-8UNC-2A PER
 ANSI B18.2.2.
10. BASEPLATE IS PERMANENTLY STAMPED WITH MANUFACTURER'S IDENTIFICATION
 "ABC" IN 1/2" LETTERS AND DATE CODE IN 1/4" LETTERS.
 11. BASEPLATE PERMANENTLY MARKED TO INDICATE CABLEWAY OPENING IN SHAFT.

CHANCE		HUBBELL POWER SYSTEMS	
TITLE		LIGHTING FOUNDATION	
SIZE	DWG. NO.	DWN. BY	DATE
SB	SA112-0591	KSH	11/11/04
DO NOT SCALE THIS DRAWING		SHEET	1/1
REV		B	

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