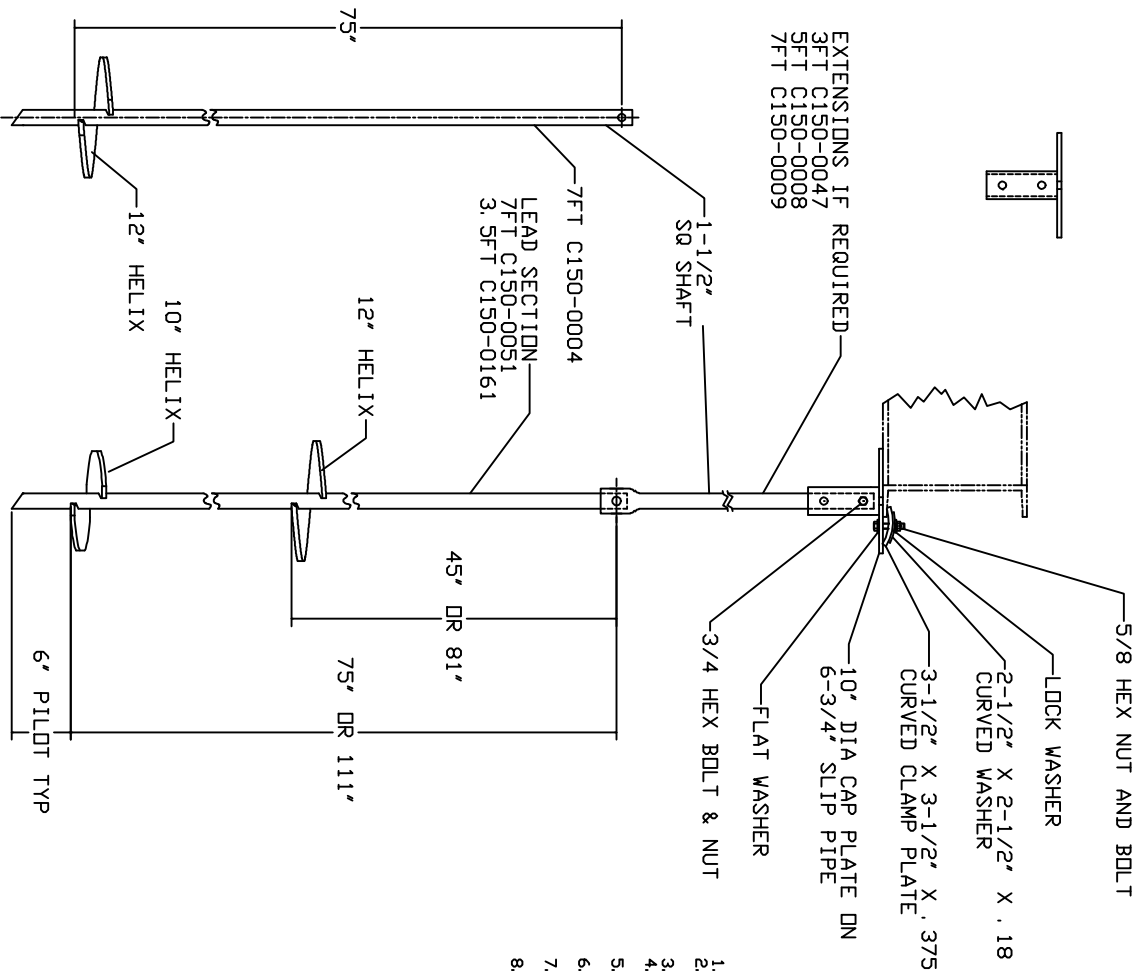
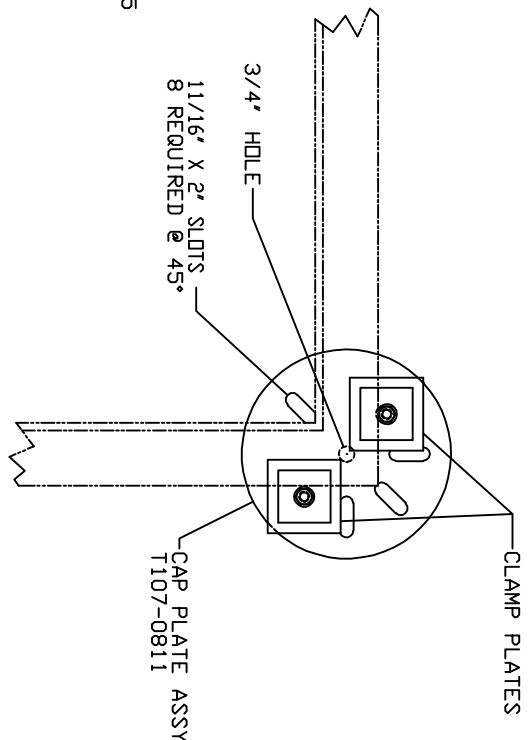


T107-0811  
CAP PLATE DETAIL  
4-11/16" TD 7-5/16" BOLT CIRCLE



EXTENSIONS IF REQUIRED  
3 FT C150-0047  
5 FT C150-0008  
7 FT C150-0009



- ==NOTES==
- HOT DIP GALVANIZED PER ASTM A153-(LATEST REV.)
  - NOMINAL SPACING BETWEEN HELIX PLATES IS THREE TIMES THE DIAMETER OF THE LOWER HELIX.
  - SHAFT MATERIAL PER ASTM A29.
  - HELIX AND PLATE MATERIAL PER GENERAL REQUIREMENT OF A151 HOT ROLLED STEEL SHEET.
  - COUPLING BOLT: 3/4" DIAMETER X 3.00" LONG HEX HEAD PER ASTM - A320 GRADE L-7.
  - MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES.
  - ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1.
  - EXTENSIONS MUST BE PROVIDED WITH A HOT FORGE EXPANDED INTERGRAL COUPLING CONNECTION ON ONE END.

MECHANICAL RATING:

TORQUE: 5,000 FT-LB  
AXIAL LOAD: 10,000 LBS

SIDE LOAD RATING IN SOIL\*  
SIDE LOAD: 420 LB. APPLIED 6 INCHES ABOVE GRADE  
\*SIDE LOAD RATING ASSUMES:

- WATER TABLE BELOW FOUNDATION
- 2 TO 1 SAFETY FACTOR
- MINIMUM BLOW COUNT SOIL OF 4 PER ASTM D1586
- 5 FT MINIMUM SHAFT LENGTH IN CLAY
- 8 FT MINIMUM SHAFT LENGTH IN SAND

<p>CONSTRUCTION OF THIS DRAWING AND THE CONTAINING THEREIN IS THE SOLE PROPERTY OF HUBBELL POWER SYSTEMS. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEMS, WITHOUT THE WRITTEN PERMISSION OF HUBBELL POWER SYSTEMS.</p>	
<p>DATE: 12/26/99</p>	<p>BY: B</p>
<p>SCALE: AS SHOWN</p>	<p>NO. OF SHEETS: 1 OF 1</p>
<p>TITLE: FOUNDATION, COMMUNICATION SYSTEM</p>	<p>PROJECT NO.: C SA150-10018</p>
<p>DESIGNED BY: CHANCE</p>	<p>DATE OF ORIGINAL: 12/26/99</p>
<p>HUBBELL POWER SYSTEMS</p>	<p>SHEET 1 OF 1</p>