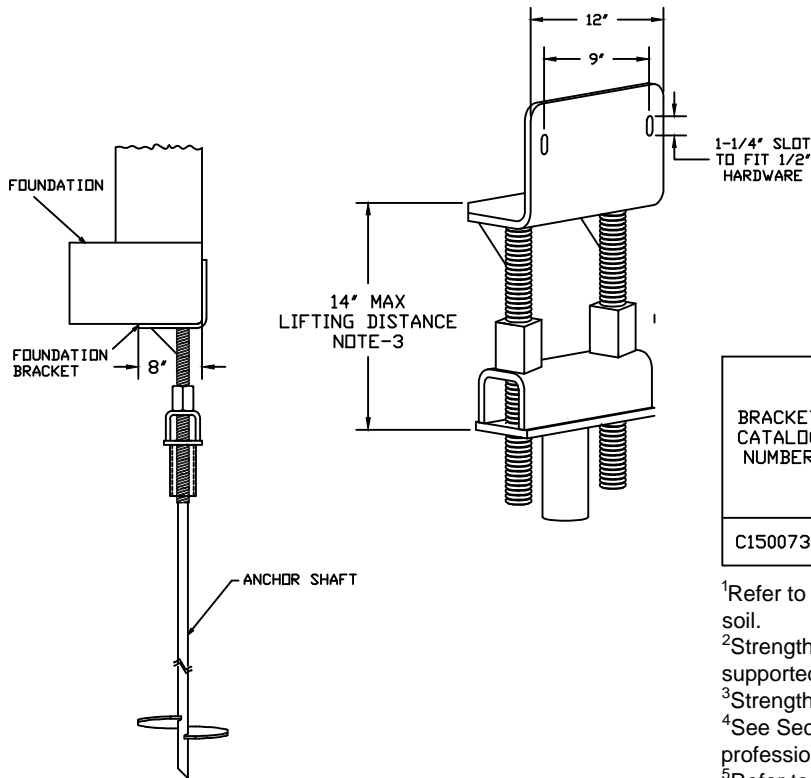


**DIRECT JACK BRACKET  
FOR CHANCE TYPE SS5, SS150, AND SS175 HELICAL PILES**

*-NOTES-*

1. HOT DIP GALVANIZE PER ASTM A153-(LATEST REVISION).
2. ASSEMBLE COMPLETE AS SHOWN IN SIDE VIEW.
3. RECOMMENDED ANCHOR SHAFT CUTOFF LEVEL BELOW THE BOTTOM OF THE FOOTING IS 14.5' FOR MAXIMUM LIFT DISTANCE.
4. MATERIAL SPECIFICATIONS: BRACKET BODY : 1/2" THICK STEEL PER ASTM A36 LATEST REV. T-PIPE TUBE BODY : STEEL PER ASTM A572 GRADE 50, LATEST REV. T-PIPE PIPE : STEEL PIPE PER ASTM A500 LATEST REV. LIFTING STUDS: WILLIAMS FORM #11 GRADE 90.
5. SEE ICC EVALUATION SERVICE INC., EVALUATION REPORT NO. ESR-2794 FOR NOMINAL, DESIGN, AND ALLOWABLE STRENGTH VALUES AND/OR CONDITIONS OF USE CONCERNING INFORMATION PRESENTED ON THIS DRAWING.



TYPICAL INSTALLATION  
FOUNDATION REPAIR BRACKET

BRACKET CATALOG NUMBER	T-PIPE CATALOG NUMBER	PILE MODEL	ASD ALLOWABLE STRENGTH IN AXIAL COMPRESSION (kips) <sup>1,2,3,4</sup>					
			2500 psi CONCRETE <sup>5</sup>		3000 psi CONCRETE <sup>5</sup>		4000 psi CONCRETE <sup>5</sup>	
			FIRM SOIL	SOFT SOIL	FIRM SOIL	SOFT SOIL	FIRM SOIL	SOFT SOIL
C1500738	INCL W/BRKT	SS5/150	30.5	13.8	30.5	13.8	30.5	13.8

<sup>1</sup>Refer to Section 4.1.3 of ESR-2794 for descriptions of fixed condition, pinned condition, soft soil and firm soil.

<sup>2</sup>Strength ratings include an allowance for corrosion over a 50-year service life and presume the supported structure is braced in accordance with IBC Section 1808.2.5.


<sup>3</sup>Strength ratings apply to the specific bracket, T-pipe and anchor/pile models listed.

<sup>4</sup>See Section 4.1.2 of ESR-2794 for applicable limit states that must be evaluated by a registered design professional.

<sup>5</sup>Refer to the specified compressive strength of concrete at 28 days.

SHAFT SIZE	CAT. NUMBER	MINIMUM ULTIMATE STRENGTH	WORKING LOAD
SS175	C1500733	100,000 LBS	50,000 LBS

ICC-ES LISTED  
ESR-2794

CHANCE TOLERANCE CHART	 <b>HUBBELL® POWER SYSTEMS</b> TITLE <b>BRACKET, DIRECT JACK</b>			
<small>CONFIDENTIAL: THIS DRAWING AND ITS CONTENTS ARE CONFIDENTIAL AND THE EXCLUSIVE PROPERTY OF HUBBELL POWER SYSTEMS. NO PUBLICATION, DISTRIBUTION OR COPIES MAY BE MADE WITHOUT THE WRITTEN CONSENT OF HUBBELL POWER SYSTEMS. HUBBELL POWER SYSTEMS UNPUBLISHED. ALL RIGHTS RESERVED UNDER THE COPYRIGHT LAWS.</small>	SIZE DWG NO. <b>SB SA1500733</b>	CAT / PART / ASSY NO. <b>SEE CHART</b>	REV <b>C</b>	
	DO NOT SCALE THIS DRAWING	DRN BY JCA	DATE 2/18/10	SHEET 1 OF 1