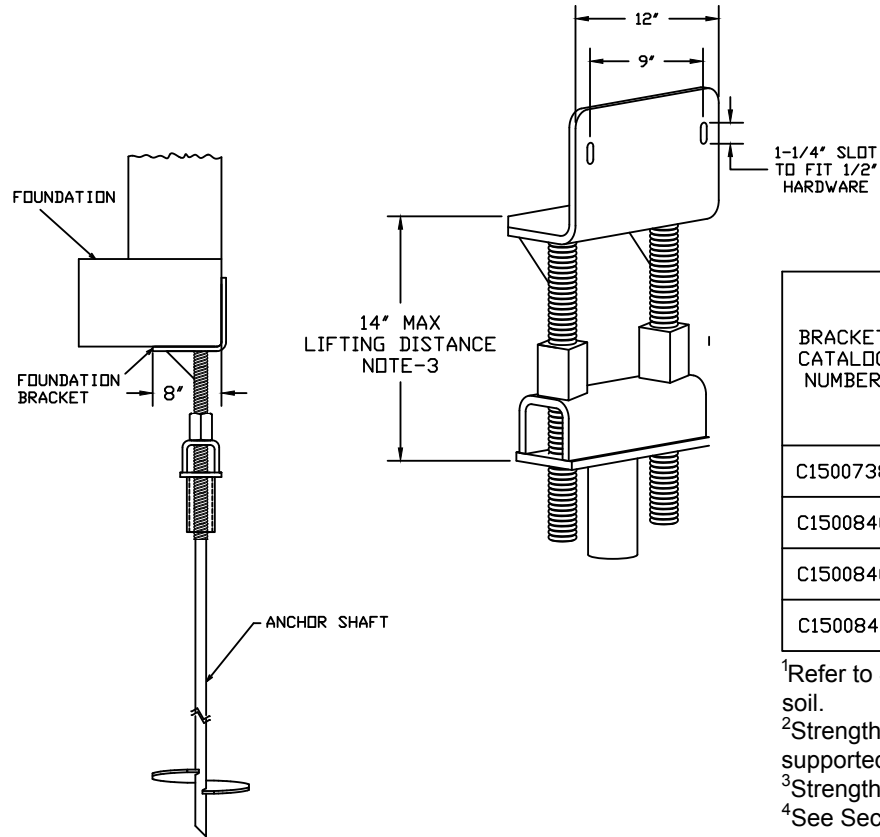


DIRECT JACK BRACKET FOR CHANCE HELICAL PILES

-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.



14" MAX
LIFTING DISTANCE
NOTE-3

1-1/4" SLOT
TO FIT 1/2"
HARDWARE

ANCHOR SHAFT

TYPICAL INSTALLATION
FOUNDATION REPAIR BRACKET

BRACKET CATALOG NUMBER	T-PIPE CATALOG NUMBER	PILE MODEL	ASD ALLOWABLE STRENGTH IN AXIAL COMPRESSION (kips) ^{1,2,3,4}					
			2500 psi CONCRETE ⁵		3000 psi CONCRETE ⁵		4000 psi CONCRETE ⁵	
			FIRM SOIL	SOFT SOIL	FIRM SOIL	SOFT SOIL	FIRM SOIL	SOFT SOIL
C1500738	INCL W/BRKT	SS5/150	47.5	15.5	47.5	15.5	47.5	15.5
C1500840	INCL W/BRKT	RS2875.203	48.3	37.7	48.3	37.7	48.3	37.7
C1500840	INCL W/BRKT	RS2875.276	51.0	42.0	51.0	42.0	51.0	42.0
C1500841	INCL W/BRKT	RS3500.300	60.0	60.0	60.0	60.0	60.0	60.0

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

²Strength ratings include an allowance for corrosion over a 50-year service life and presume the supported structure is braced in accordance with IBC Section 1810.2.2

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

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

⁵Refer 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

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		HUBBELL POWER SYSTEMS	
TITLE			
BRACKET, DIRECT JACK			
SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
SB	SA1500733	SEE CHART	D
DO NOT SCALE THIS DRAWING	DRN BY JWH	DATE 6/13/19	SHEET 1 OF 1