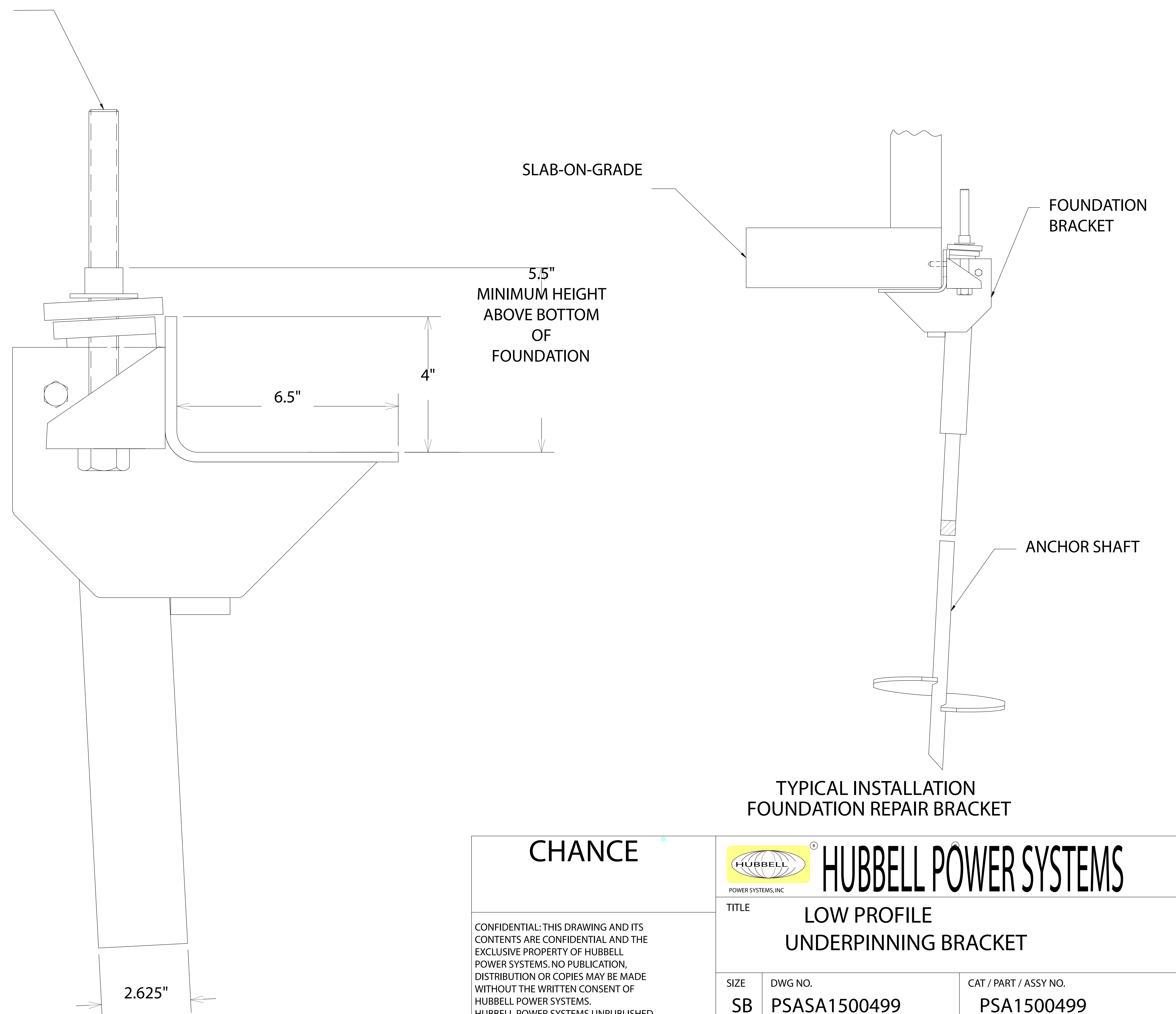
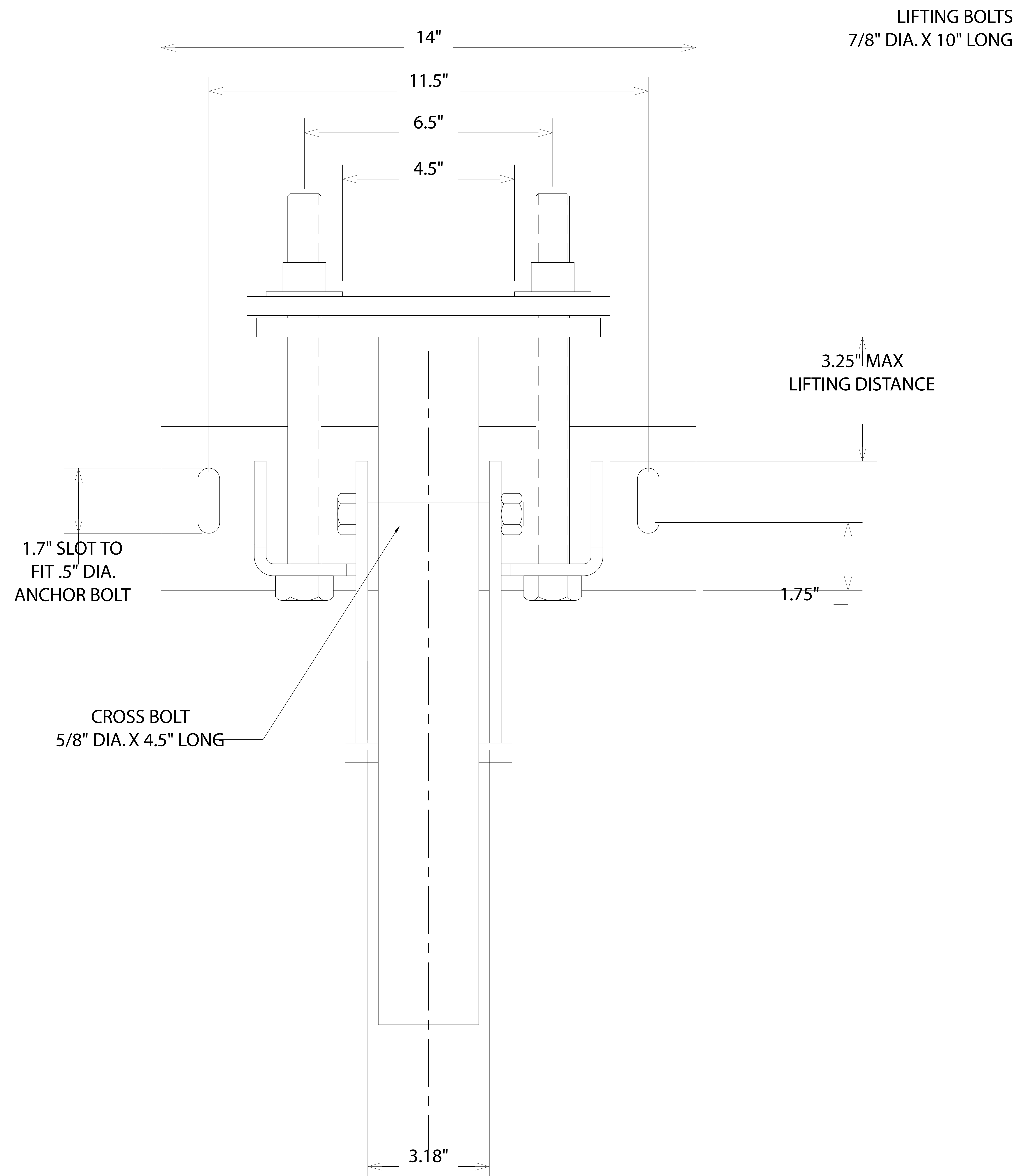
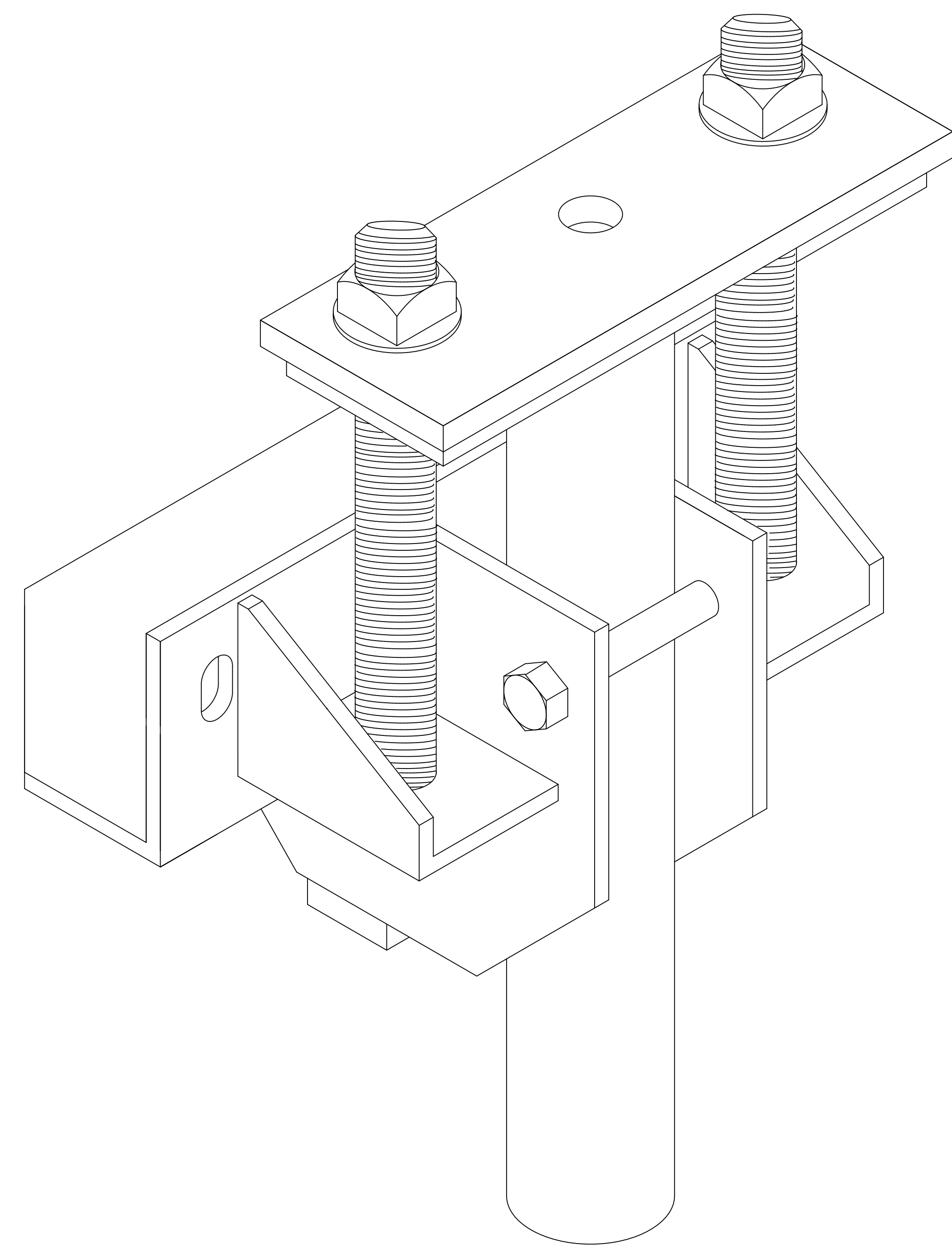


# LOW PROFILE BRACKET

## -NOTES-

1. HOT DIP GALVANIZE PER ASTM A153-(LATEST REVISION).
2. DO NOT EXCEED 165 FT-LBS OF TORQUE ON 7/8" DIA LIFTING BOLTS DURING STABILIZING OR LOAD LOCK-OFF.
3. RECOMMENDED ANCHOR SHAFT CUTOFF LEVEL ABOVE THE BOTTOM OF THE FOOTING IS 7" FOR MAXIMUM LIFT DISTANCE.
4. MATERIAL SPECIFICATIONS:  
 BRACKET BODY : PER ASTM A36 AND ASTM A570 GR. 50.  
 T-PIPE PLATES: (2) 1/2" THICK HOT ROLLED STEEL PLATE GRADE 80  
 LIFTING BOLTS: HEX HEAD BOLT PER SAE J429 GRADE 5.  
 CROSS BOLT : HEX HEAD BOLT PER SAE J429 GRADE 5.
5. THE PSAC1500499 BRACKET HAS A MINIMUM ULTIMATE STRENGTH OF 30,000 LBS. A FACTOR OF SAFETY OF 2 YIELDS A SAFE WORKING LOAD OF 15,000 LBS FOR THE BRACKET ONLY.
6. THE OVERALL CAPACITY OF THE UNDERPINNING SYSTEM IS A FUNCTION OF MANY INDIVIDUAL ELEMENTS, INCLUDING THE CAPACITY OF THE FOUNDATION, BRACKET, PIER SHAFT, HELICAL PLATE, AND BEARING STRATA, AS WELL AS THE STRENGTH OF THE FOUNDATION TO BRACKET CONNECTION AND THE QUALITY OF PIER INSTALLATION.
7. FOR 1.5" SQUARE SHAFT HELICAL PIERS USE PSAC1500503 T-PIPE.
8. FOR 278 HELICAL PIERS USE PSAC2780003 T-PIPE.
9. UNITED STATES PATENTS PENDING.



TYPICAL INSTALLATION  
FOUNDATION REPAIR BRACKET

MINIMUM MECHANICAL ULTIMATE STRENGTH OF 30,000 LB.

CHANCE

**HUBBELL** POWER SYSTEMS  
POWER SYSTEMS, INC.

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TITLE  
**LOW PROFILE UNDERPINNING BRACKET**

SIZE	DWG NO.	CAT / PART / ASSY NO.	REV
SB	PSASA1500499	PSA1500499	-
DO NOT SCALE THIS DRAWING	DRN BY KSH	DATE 3/18/05	SHEET 1/1