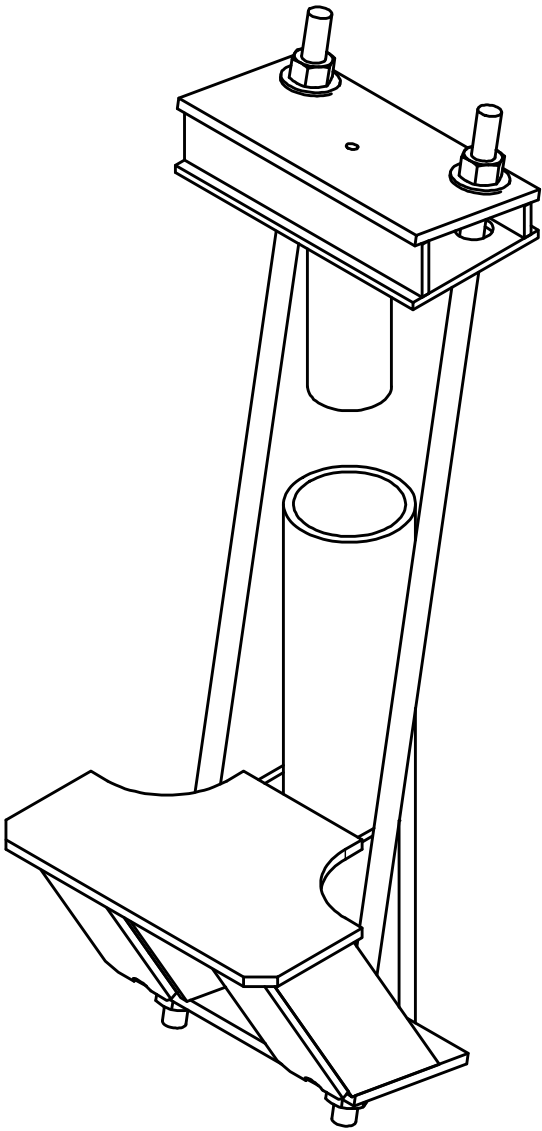
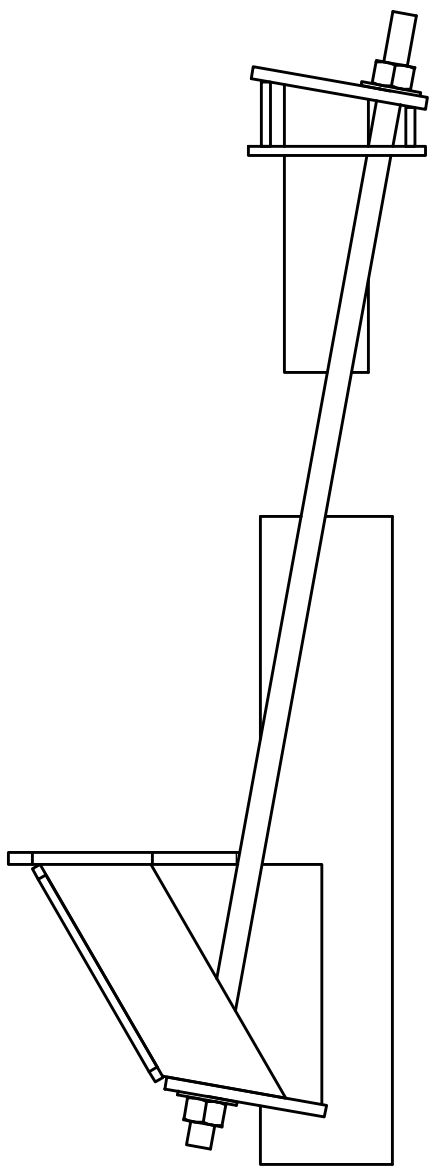
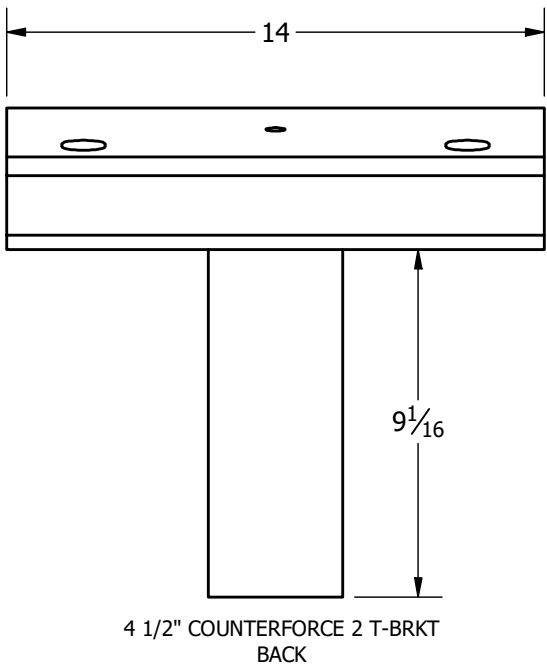
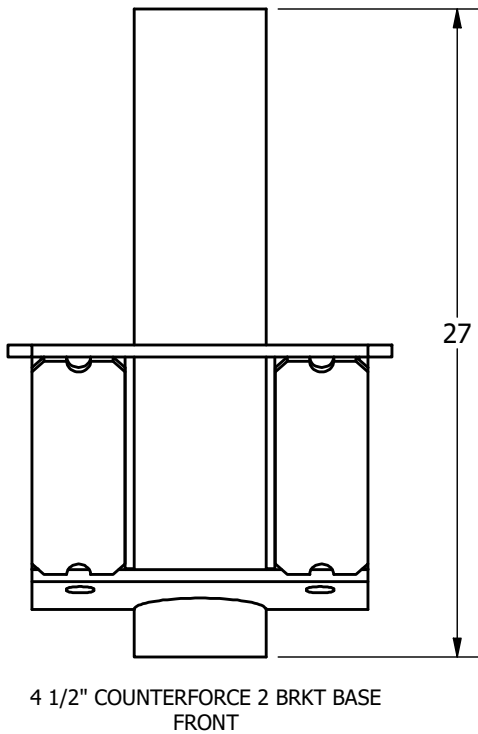
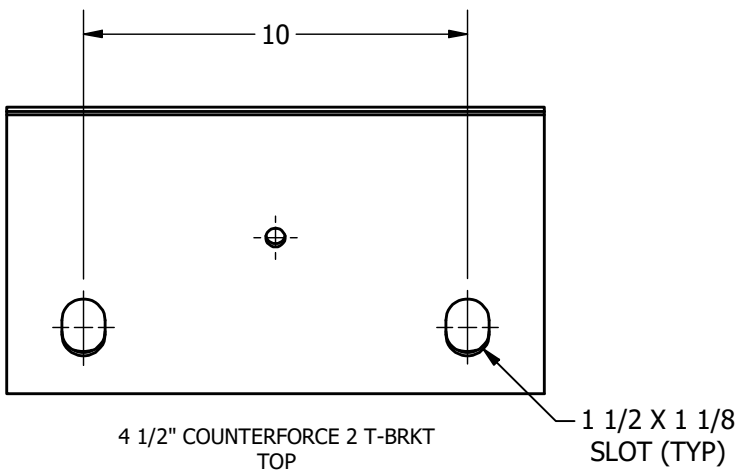
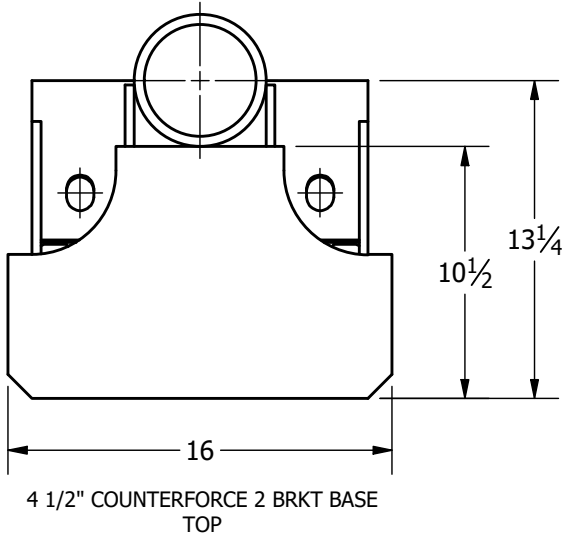


COUNTERFORCE 2 UNDERPINNING BRACKET FOR 4 1/2" PILE SHAFT



- NOTES:**
1. PLATE STEEL TO MEET OR EXCEED REQUIREMENTS OF ASTM A572/A1018/A656, 50 KSI.
 2. ALL WELDING TO BE PERFORMED BY SHOP QUALIFIED WELDOR TO AWS D1.1 STRUCTURAL WELDING CODE - STEEL.
 3. GALVANIZING PER ASTM A153/ASTM A123. BARE STEEL IS ALSO AVAILABLE.
 4. ULTIMATE STRUCTURAL CAPACITY IS 100 KIPS.
 5. (2) 1"-8 X 4' GALVANIZED THREADED ROD - ASTM A193 (GRADE B7).
 6. (4) 1" GALVANIZED HEX NUT - ASTM A194 (GRADE 2H).
 7. (4) 1" GALVANIZED FLAT WASHERS - ASTM F436.
 8. HELICAL PILE ASSEMBLIES MANUFACTURED IN ACCORDANCE WITH ICC-ES AC358 ACCEPTANCE CRITERIA FOR HELICAL FOUNDATION SYSTEMS AND DEVICES.
 9. PATENT PENDING.

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NOT TO SCALE ALL UNITS IN INCHES U.N.O.		SIZE B	DWG NO 412CF2G	REV 0	SHEET 1 OF 1