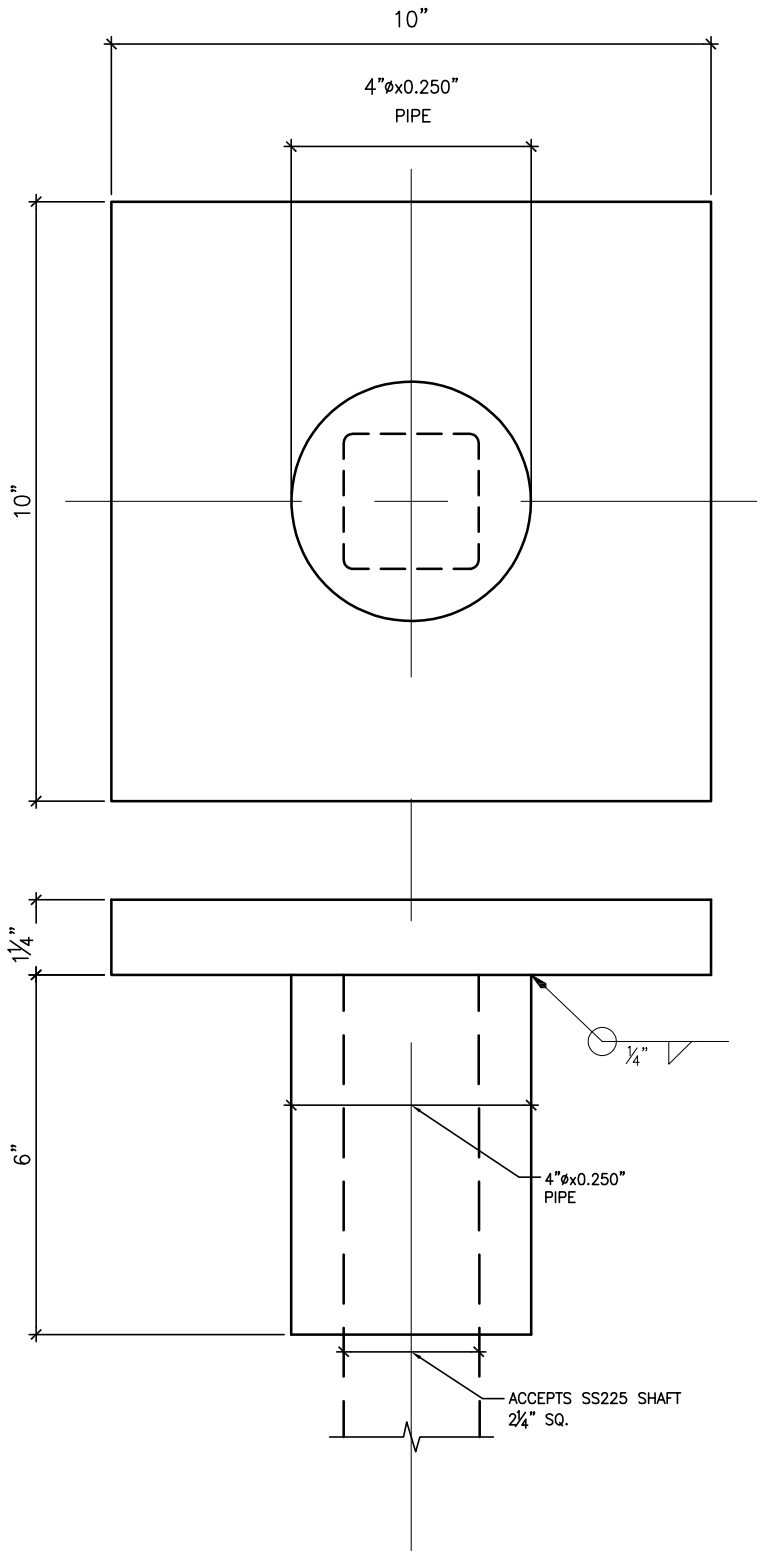
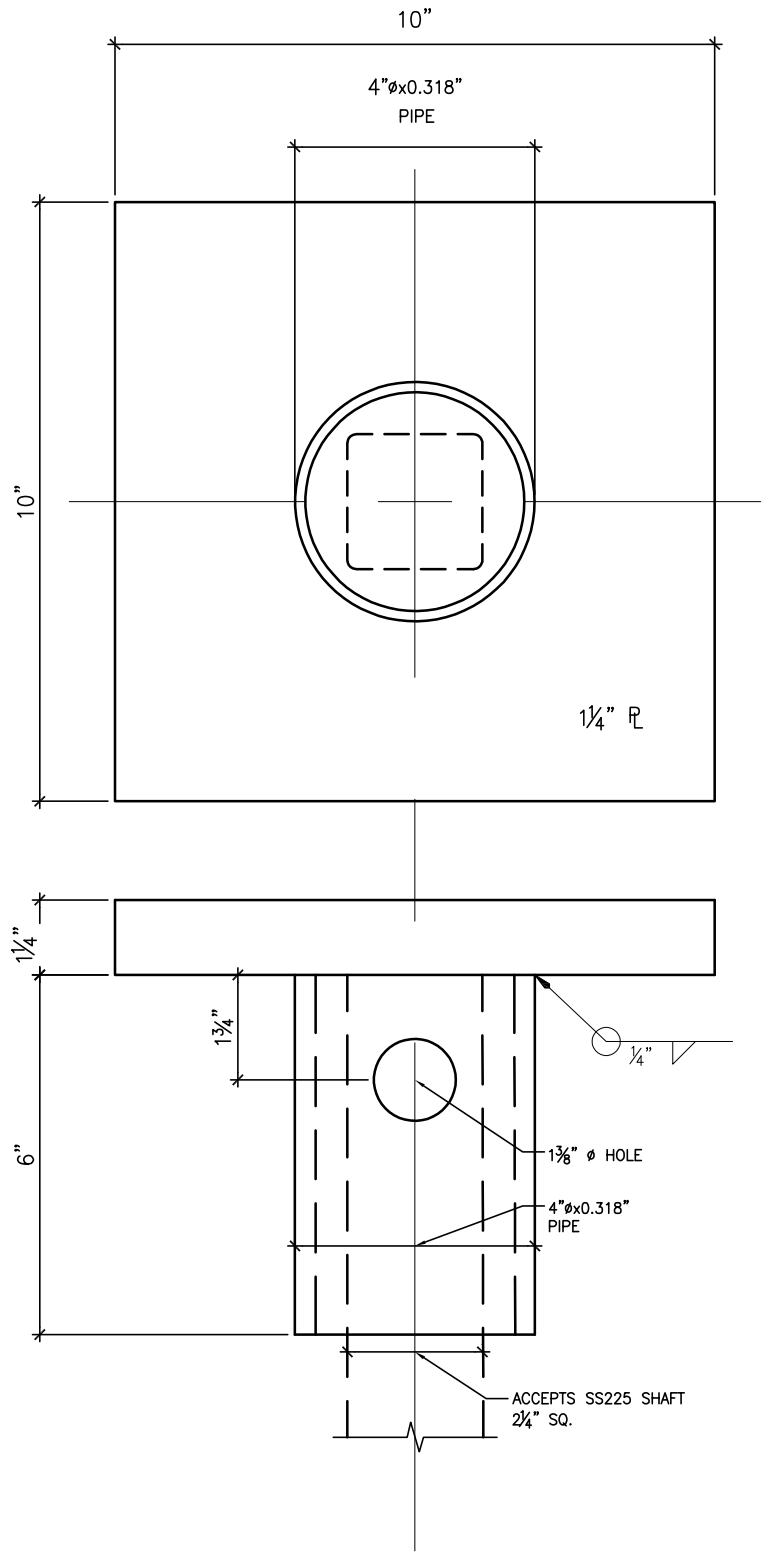


10" X 10" X 1¼" NEW CONSTRUCTION
BRACKET FOR COMPRESSION ONLY

SCALE: N.T.S.



10" X 10" X 1¼" NEW CONSTRUCTION
BRACKET FOR COMPRESSION/TENSION

SCALE: N.T.S.

DISCLAIMER

1. The information and sketches contained in these drawings are given as guidelines only.
2. Capacities of Chance® Helical Piles may vary depending on, but not limited to, water table elevation and changes to that elevation, changing soil conditions, soil layer thicknesses.
3. Achievable capacities could be higher or lower than ratings due to site-specific conditions. On-site load testing should be performed to confirm additional pile capacities.
4. Installed capacities to be verified by a registered Professional Engineer experienced in Chance® helical pile installation.
5. The information contained herein is to be used for preliminary design activities only, and subject to EBS' Website Disclaimer.

NOTES

1. FINISH: MILL FINISH STEEL.

2. MATERIAL SPECIFICATIONS:
   - 2.1. STEEL PLATE SHALL CONFORM TO CSA STANDARD G40.21M-350W GRADE, Fy=350MPa.
   - 2.2. STEEL PIPE SHALL CONFORM TO ASTM A53, GRADE B, Fu=415MPa, Fy=240MPa (MIN).
   - 2.3. COUPLING BOLT AND NUT: 1¼"Ø X 7", PER ASTM A193 GRADE B7, Fu=725MPa.

3. MECHANICAL RATING (ULS):
   - 3.1. COMPRESSION: 240kips (1068kN)
   - 3.2. TENSION: 91kips (405kN)*

*TENSION RATING VALID ONLY FOR WELD AND BOLT SPECIFIED.

4. WELDING NOTES
   - 4.1. ALL WELDING SHALL BE IN ACCORDANCE WITH CSA STANDARD W59-03, "WELDED STEEL CONSTRUCTION (METAL ARC WELDING)", BY APPROVED WELDERS CERTIFIED BY THE CANADIAN WELDING BUREAU.
   - 4.2. ALL WELDING ELECTRODES SHALL BE LOW HYDROGEN E49XX CLASSIFICATION OR EQUIVALENT.
   - 4.3. FILLET WELDS 5/16" OR LESS SHALL BE SINGLE PASS.

NO.	DATE	REVISION

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Email: info@ebsgeo.com

COR IHSA.ca Work Safe for Life

PROJECT:

SAMPLE

DRAWING:

SS225 BOLTED/SLIP FIT
NEW CONSTRUCTION BRACKET

DRW'N BY:	SCALE: N.T.S.
CHECKED:	DATE: NOVEMBER 2021
PROJECT No.:	DWG. No.: