

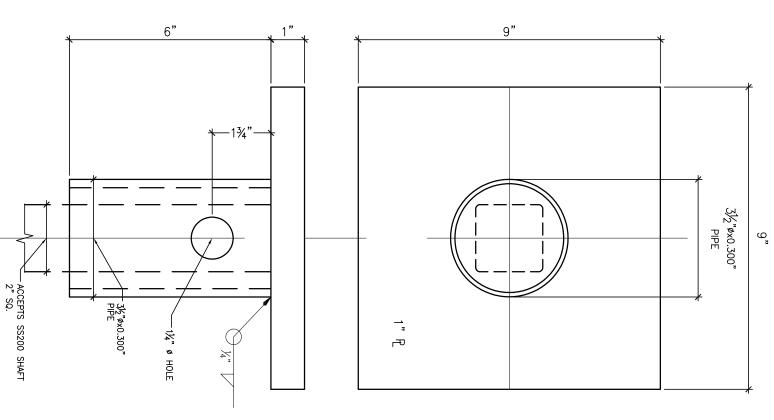
9" X 9" X 1" NEW CONSTRUCTION BRACKET FOR COMPRESSION ONLY

SCALE: N.T.S.

BRACKET FOR COMPRESSION/TENSION

SCALE: N.T.S.

9" X 9" X 1" NEW CONSTRUCTION



- DISCLAIMER

 1. The information and sketches contained in these drawings
- are given as guidelines only.

 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.

 Achievable capacities could be higher or lower than ratings due to site-specific conditions. On-site load testing should be

2.1.

2.2.

NOTES

FINISH: MILL FINISH STEEL.

- performed to confirm additional pile capacities.
 Installed capacities to be verified by a registered
 Professional Engineer experienced in Chance® helical pile
- The information contained herein is to be used for

preliminary design activities only, and subject to EBS' Website Disclaimer.

4.1.

2.3 MATERIAL SPECIFICATIONS:

STEEL PLATE SHALL CONFORM TO CSA STANDARD
G40.21M-350W GRADE, Fy=350MPa.
STEEL PIPE SHALL CONFORM TO ASTM A53, GRADE B,
Fu=415MPa, Fy=240MPa (MIN).
COUPLING BOLT AND NUT: 11/8"9 X 4 1/4", PER ASTM A193
GRADE B7, Fu=725MPa.

3. MECHANICAL RATING (ULS):
3.1. COMPRESSION: 190kips (845kN)
3.2. TENSION: 74kips (300kN)*
*TENSION RATING VALID ONLY FOR WELD AND BOLT SPECIFIED.

WELDING NOTES

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.
ALL WELDING ELECTRODES SHALL BE LOW HYDROGEN
E49XX CLASSIFICATION OR EQUIVALENT.

FILLET WELDS % OR LESS SHALL BE SINGLE PASS.

4.3 4.2.

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SAMPLE

PROJECT:

SS200 BOLTED/SLIP FIT NEW CONSTRUCTION BRACKETS

DRAWING:

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

CHECKED: