



DISCLAIMER

- 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 performed to confirm additional pile capacities.
- Installed capacities to be verified by a registered Professional Engineer experienced in Chance® helical pile installation.
- The information contained herein is to be used for preliminary design activities only, and subject to EBS' Website Disclaimer.

- NOTES**
- FINISH: MILL FINISH STEEL.
 - MATERIAL SPECIFICATIONS:
 - STEEL PLATE SHALL CONFORM TO CSA STANDARD G40.21M-350W GRADE, F_y=350MPa.
 - STEEL PIPE SHALL CONFORM TO ASTM A53, GRADE B, F_u=415MPa, F_y=240MPa (MIN).
 - COUPLING BOLT AND NUT: 3/4" X 3/4", PER ASTM A325, F_u=830MPa.
 - MECHANICAL RATING (ULS):
 - COMPRESSION: 85kips (378kN)
 - TENSION: 35kips (155kN)*
 - *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 3/8" OR LESS SHALL BE SINGLE PASS.

NO.	DATE	REVISION

EBS
GEOSTEEL

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CORP **CHSA**
Member since 2018

PROJECT: SAMPLE

DRAWING: SSS BOLTED/SLIP FIT
NEW CONSTRUCTION BRACKETS

DRW'N BY: SCALE: N.T.S.

CHECKED: DATE: NOVEMBER 2021

PROJECT No.: DWG. No.:

6" X 6" X 3/4" NEW CONSTRUCTION
BRACKET FOR COMPRESSION ONLY

SCALE: N.T.S.

6" X 6" X 3/4" NEW CONSTRUCTION
BRACKET FOR COMPRESSION/TENSION

SCALE: N.T.S.