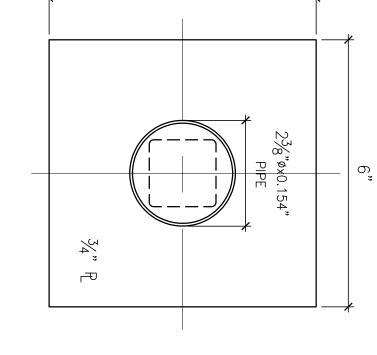


1½"

- 23/6"øx0.154" PIPE

%" ∅ НОLЕ



## DISCLAIMER

The information and sketches contained in these drawings

2.1.

FINISH: MILL FINISH STEEL.

FINISH: MILL FINISH STEEL

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: 3/70 X 33/4", PER ASTM A325,

Fu=830MPa.

Fu=830MPa.

NOTES

- The information contained herein is to be used for preliminary design activities only, and subject to EBS' Website Disclaimer.

4.3 4.2.

are given as guidelines only.

Capacities of Chance<sup>®</sup> 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

2.3

due to site-specific conditions. On-site load testing should be

3. 3.1. 3.2

4.1.

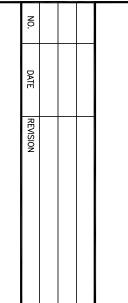
. MECHANICAL RATING (ULS):
3.1. COMPRESSION: 85kips (378kN)
3.2. TENSION: 35kips (155kN)\*
3.2. TENSION: 35kips (155kN)\*
3.2. TENSION RATING VALID ONLY FOR WELD AND BOLT SPECIFIED.

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 \$\( \frac{1}{2} \)," OR LESS SHALL BE SINGLE PASS.

performed to confirm additional pile capacities

nstalled capacities to be verified by a registered Professional Engineer experienced in Chance® helical pile



## 320 Woolwich Street South, Breslau, Ontario N0B 1M0 Tel: 519-648-3613 Fax: 519-648-2526 Email: info@ebsgeo.com GEOSTRUCTURAL

SAMPLE

PROJECT:

ACCEPTS SS5 SHAFT 1½" SQ.

SS5 BOLTED/SLIP FIT NEW CONSTRUCTION BRACKETS DATE: SCALE: NOVEMBER 2021 N.T.S.

PROJECT No.:

DWG. No.:

DRW'N BY:

CHECKED:

DRAWING:

SCALE: N.T.S.