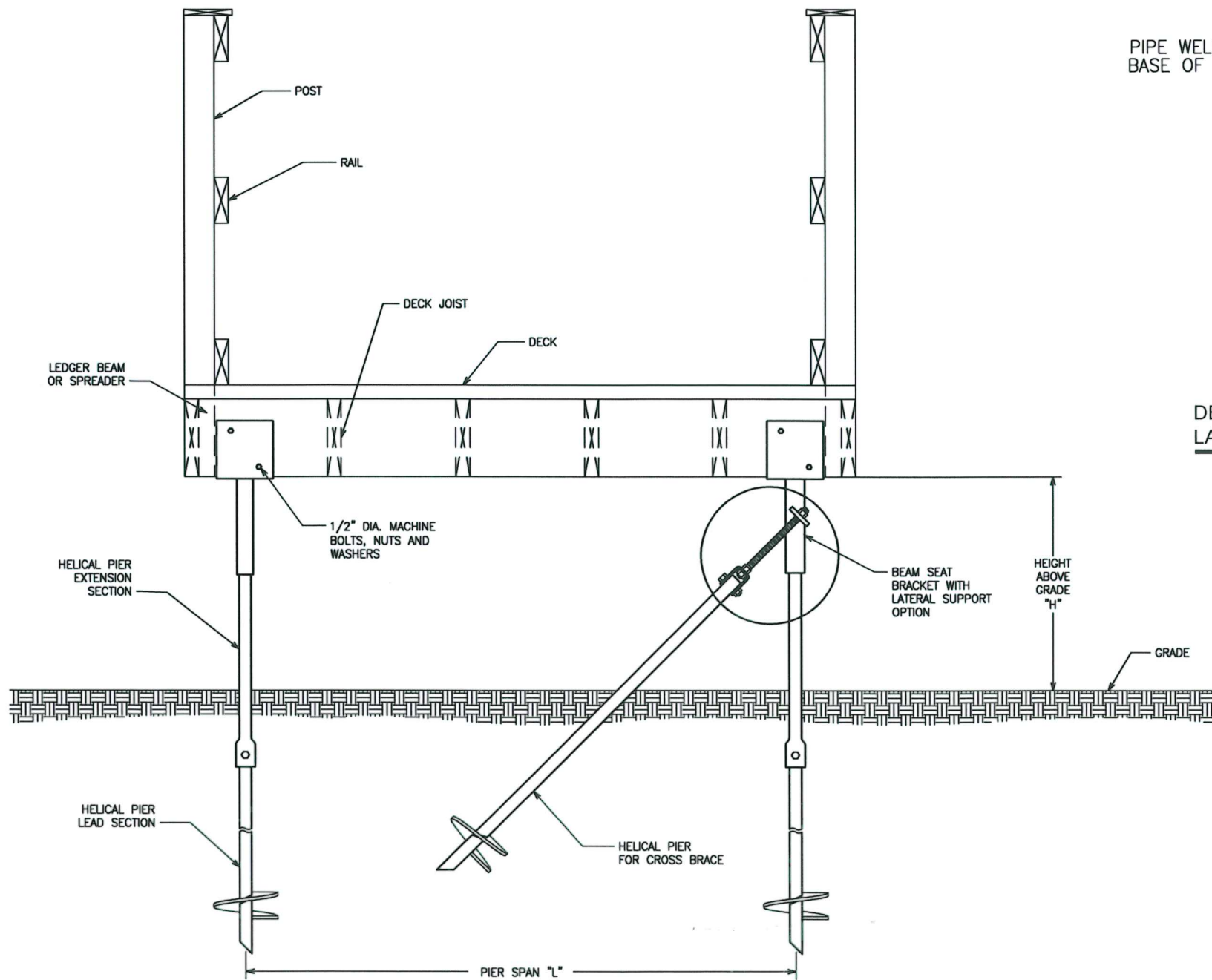


DISCLAIMER

1. The information and sketches contained in these drawings are given as guidelines only.
2. Capacities of Chance Helical Piles/Anchors 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/anchor capacities.
4. Installed capacities to be verified on site by a registered Professional Engineer.
5. The information contained herein is to be used for preliminary design activities only, and subject to EBS' Website Disclaimer.

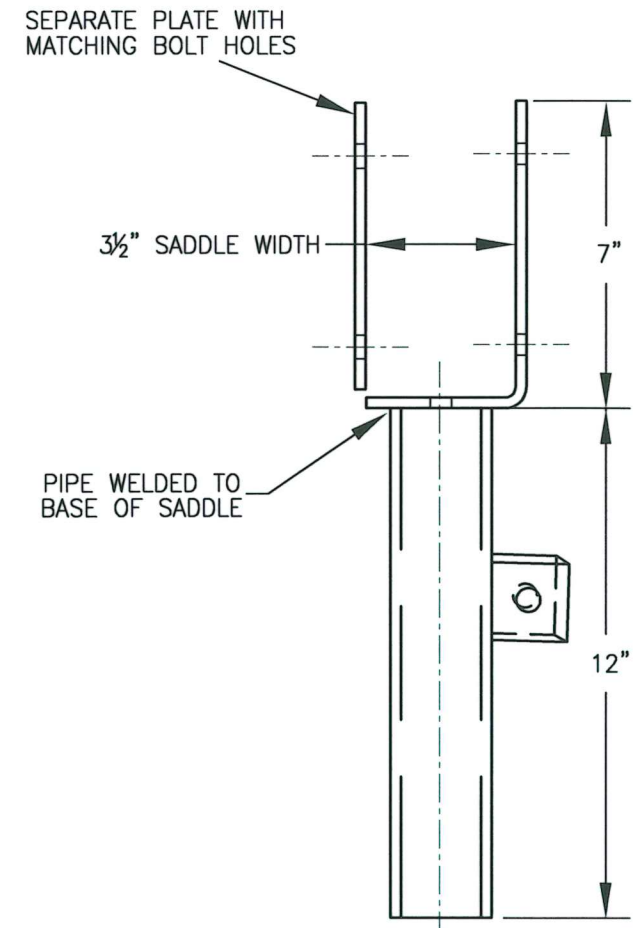
NOTES:

1. This is a concept drawing only. Actual design and construction of walkway and helical pier support system is left to others.
2. Helical piers can be either single or multi-helix. The number and size of helix plates vary depending on pier load and soil conditions.
3. Helical piers are installed (screwed) to a minimum depth and torque as required on the construction plans.
4. Hot-dipped galvanized per ASTM A-153.
5. Helical pier shafts for walkway support are typically 1½" (SS5) or 1¾" (SS175) square shaft or 2⅞" O.D. pipe shaft (RS2875).
6. Material for saddle: ¼" thick hot-rolled steel.
7. Bolt: ½" diameter hex head, 4½" long with nut and lockwasher supplied by others.



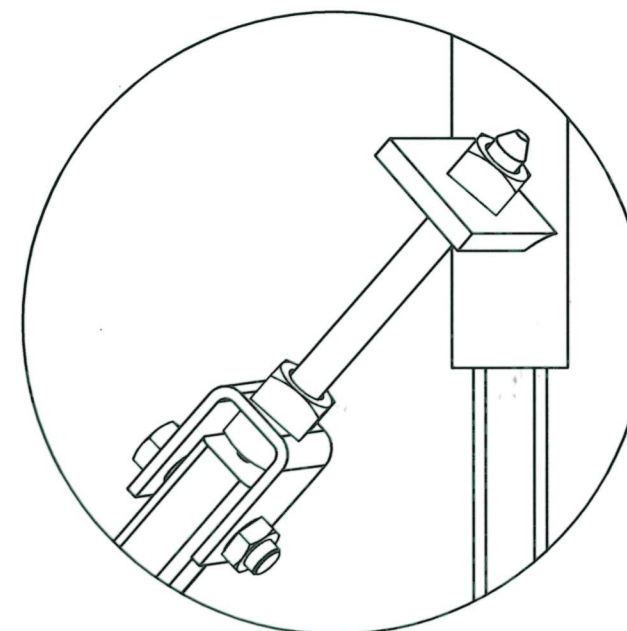
WALKWAY SECTION

SCALE: N.T.S.



DETAIL OF BRACKET WITH LATERAL SUPPORT OPTION

SCALE: N.T.S.



LATERAL SUPPORT OPTION WITH ANCHOR

SCALE: N.T.S.



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

PROJECT: SAMPLE

DRAWING: WALKWAY FOUNDATION SYSTEM WITH LATERAL SUPPORT OPTION

DRW'N BY: J.H.	SCALE: N.T.S.
CHECKED:	DATE: APRIL 2014
PROJECT No.:	DWG. No.: