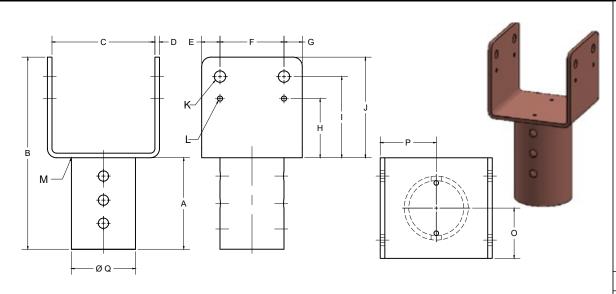
1



NOTES:

- 1-MATERIALS:
- -PLATE PER CSA G40.21 50W, MIN.FY=60 KSI, FU=70KSI

CERTIFIED TO THE AWS STANDARD.

- -TUBE PER ASTM A500 GR C, FY=60KSI, FU= 70 KSI. 2-ANY CHANGE OF MATERIAL IS SUBJECT TO GOLIATHTECH APPROVAL
- 3-WELD PERFORMED IN ACCORDANCE WITH CSA STANDARD W47.1 AND GOLIATHTECH WELDING PROCEDURES. WELDERS ARE ALSO

MECHANICAL ASD LOAD CAPACITY SEISMIC DESIGN

4-All components above the bracket, including the compression and tensile capacities of the wooden

member based on species and its situational bearing conditions. Additionally, the connection between the wood member and the U bracket is to be determined by the design professional on a case by case basis.

5-Capacities for bare steel brackets are based on bare steel losing 0.036-inch (318 µm) steel thickness

	NO.	Dimension	Description	CATEGORIES A,B AND C			CATEGORIES D,E AND F		
	(inches)	•	Compression (kips)	Tension (kips)	Lateral (kips)	Compression (kips)	Tension (kips)	Lateral (kips)	
	Α	6 3/8		55.30	21.04	13.66	46.10	17.53	13.66
	В	11 7/8							
	С	5 5/8	Wood post						
	D	1/4							
	Е	1							
	F	3 1/2							
	G	1							
	Н	3 1/4							
	I	4 7/16		Note: 1-The ASD capacities are based on limit states associated with mechanical steel strength of the bracket to the helical pile shaft. Wood post/beam (above), shaft, or geotechnical capacities may control. The member supported by the bracket must be designed by the registered design professional and must not exceed the tabulated capacities. 2-The tabulated capacities assume the pile foundation system is sidesway braced per IBC Section 18.10.2.2. 3-Tabulated capacities based on three (3) - ½ - inch diameter hex head bolts.					
١	J	5 1/2							
	K	5/8	Bolt 1/2"						
	L	9/32	Wood screw						
	М	1/4	Weld						

as indicated in Section 3.9 of AC358 for a 50-year service life.

 3
 2

 1
 INITIAL RELEASE
 2023-09-27

 REV
 MODIFICATION
 DATE



GOLIATHTECH VENTURA LINE

TITLE: 5 5/8" non adj. U Bracket Pile Head for 3 1/2" Pile

SEAL:

DWG. NO:
VGTBRST312U558

DRAWN BY:
ARG

DESIGN BY:
GOLIATHTECH
CHECK BY:
CPOC
APP BY:
CPOC
OTHER NO:

GTBREST312U558-N

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0.188 (Wall)

2 3/4

3 1/16

4

0

Q

В