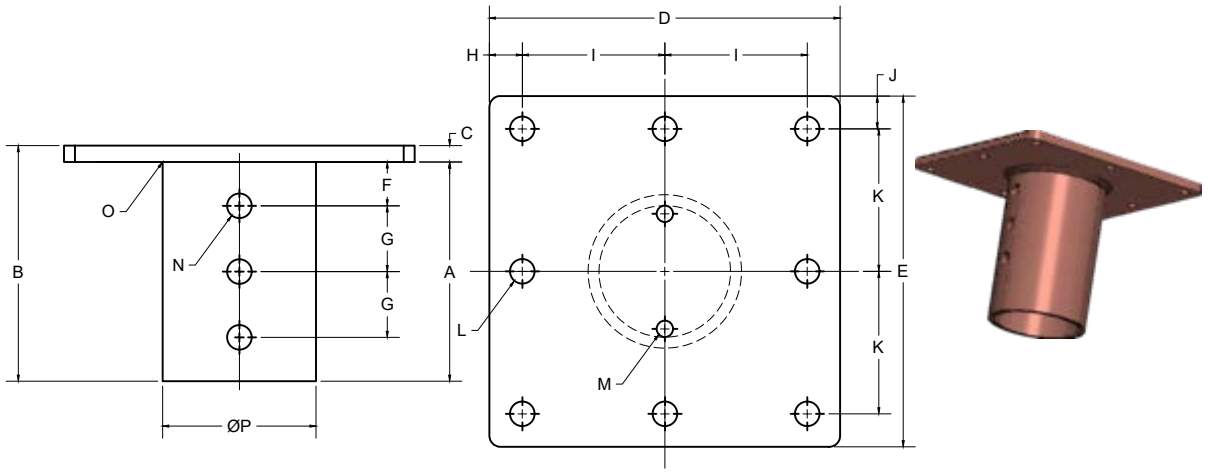

NOTES :

1-MATERIALS:
-PLATE PER CSA G40.21 50W, MIN.FY=60 KSI, FU=70KSI
-TUBE PER ASTM A500 GR C, FY=60KSI, ULTIMATE STRENGTH 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 CERTIFIED TO THE AWS STANDARD.

NO.	Dimension (inches)	Description
A	6 3/8	
B	6 7/8	
C	1/2	
D	8	
E	8	
F	1	
G	1 1/2	
H	3/4	
I	3 1/4	
J	3/4	
K	3 1/4	
L	9/16	
M	3/8	
N	9/16	
O	1/4	Weld
P	4	

MECHANICAL ASD LOAD CAPACITY SEISMIC DESIGN

CATEGORIES A,B AND C			CATEGORIES D,E AND F		
Compression (kips)	Tension (kips)	Lateral (kips)	Compression (kips)	Tension (kips)	Lateral (kips)
58.40	22.80	15.59	50.10	22.80	14.99

Note:

1.The ASD capacities are based on limit states associated with mechanical steel strength of the bracket to the helical pile shaft. Steel column, 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. The supported member must be connected to bracket plate with a minimum of four bolts and must have a minimum thickness of at least 1.5 times the plate thickness.

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.

4.All components above the bracket, including the interaction between the base plate and the bolts, and the weld between base plate and its column, are to be determined by the design professional on a job specific basis.

5.Capacities for bare steel brackets are based on bare steel losing 0.036-inch (318 µm) steel thickness as indicated in Section 3.9 of AC358 for a 50-year service life.

REV	MODIFICATION	DATE
3		
2		
1	INITIAL RELEASE	2023-09-26

GOLIATHTECH

GOLIATHTECH VENTURA LINE

TITLE: 8"x8" (1/2"thick) Plate Fixed Structural non adjustable Head for 3 1/2" Pile

SEAL:

DWG. NO : VGTBRST312-8X8PL500

DRAWN BY: ARG

DESIGN BY: GOLIATHTECH

CHECK BY: CPOC

APP BY: CPOC

OTHER NO : GTBRST312LSLEEVE-8X8-N

FORMAT : A | SCALE : NTS | REV.: 1 | DATE : 2022-09-26 | PAGE : 1 DE 1