



POLE SHAFT SPECIFICATIONS					
NO.	COMPONENT	MAT'L DESIGNATION			
1.	POLE SHAFT	6063-T6			
2.	BASE PLATE	A356-T6			
3.	ANCHOR BOLTS	F1554 GR. 55			
4.	GALVANIZED HARDWARE	A153			
POLE DIMENSIONS					
POLE HGT. (FT.)	TOP DIA. (IN.)	BOTTOM DIA. (IN.)	GAGE	MTG. HGT. (FT.)	
12'	5.00	5.00	.188	12'	
BASE PLATE DIMENSIONS					
BOLT CIRCLE (IN.)	BASE PLATE DIM. (IN.)	BOLT HOLE (IN.)	PLATE THK. (IN.)		
7.75	10.62 DIA.	.88	.75		
ANCHOR BOLT DIMENSIONS					
ANCHOR BOLT DIA. (IN.)			ANCHOR BOLT LENGTH (IN.)		
.75			20.00		
ALLOWABLE WIND LOADING (SQ. FT.)					
WIND*	INDICATED EPA	80 MPH	90 MPH	100 MPH	120 MPH
EPA	-	16.8	13.1	10.1	7.0

*WITH 1.3 GUST FACTOR

SOME GEOGRAPHICAL AREAS HAVE SPECIAL WIND CONDITIONS THAT CAN CREATE WIND INDUCED VIBRATIONS CAUSING A FATIGUE PROBLEM. NO METHOD HAS YET BEEN FOUND FOR PREVENTING OR REDUCING DESTRUCTIVE LIGHTNING STRIKES. POLE FABRICATORS ARE REQUIRED TO CONSIDER THESE CONDITIONS AND THE RESPONSIBILITY OF A LOCAL SITE ENGINEER. CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE:

CATALOG:

DWG NO: **CPA-4-5018-12-BICS** SIZE: **C** SHEET 1 OF 1

23171 Groesbeck Hwy.
 Warren, MI 48089
 P: (586) 774-6105 | F: (586) 774-5706
 www.generalstructuresinc.com

GENERAL STRUCTURES INC.
 A DIV. COMPANY

3/17/2015

DRAWN: L. GRUNIS

CHECKED

REVISION:

APPROVED:

QUOTE:

S.O.#

REF:

DATE:

SCALE: NONE

37° 17' 2015

180°

270°

90°

0°

HANDHOLE