



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.)	
20'	5.00	5.00	.188	20'	
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	-	8.2	6.0	4.1	2.5

\*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 THE EFFECTS OF THESE WIND CONDITIONS. THEREFORE, CONDITIONS ARE REQUIRED THAT CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE: \_\_\_\_\_  
 CATALOG: \_\_\_\_\_  
 DWG NO: CPA-4-5018-20-B5CS SIZE: C SHEET 1 OF 1

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**GENERAL STRUCTURES INC.**  
 A DIV. COMPANY

DRAWN: M. HARVALA 3/10/2015  
 CHECKED: \_\_\_\_\_  
 REVISION: \_\_\_\_\_ DATE: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_  
 QUOTE: \_\_\_\_\_  
 S.O.# \_\_\_\_\_ REF: \_\_\_\_\_ SCALE: NONE

180°  
 270° 0° 90°  
 HANDHOLE