



POLE SHAFT SPECIFICATIONS					
NO.	COMPONENT	ASTM DESIGNATION	MIN. YIELD (P.S.I)		
1.	POLE SHAFT	A-500 GR. B	46,000		
2.	BASE PLATE	A36	36,000		
3.	ANCHOR BOLTS	F1554 GR. 55	55,000		
4.	GALVANIZED HARDWARE	A153	-		
POLE DIMENSIONS					
POLE HGT. (FT.)	TOP DIA. (IN.)	BOTTOM DIA. (IN.)	GAGE	MTG. HGT. (FT.)	
12'	4.00	4.00	11 GAGE	12'	
BASE PLATE DIMENSIONS					
BOLT CIRCLE (IN.)	BASE PLATE DIM. (IN.)	BOLT HOLE (IN.)	PLATE THK. (IN.)		
8.00-9.00	8.00 SQ	1.00	.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	-	12.8	9.6	7.5	5.0

*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 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: CPS-4-4011-12-B1CS SIZE: C SHEET 1 OF 1

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GENERAL STRUCTURES INC.
 A BIRMINGHAM COMPANY

3/17/2015
 DRAWN: L. GRUNIS
 CHECKED: _____
 REVISION: _____ DATE: _____
 APPROVED: _____
 QUOTE: _____
 S.O.# _____
 REF: _____ SCALE: NONE

180°
 270° 0° 90°
 HANDHOLE