



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.)	MTG. HGT. (FT.)
18'	4.00	4.00	18'

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	-	7.1	5.2	4.0	2.2

*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 LIKELIHOOD OF SUCH VIBRATIONS. THEREFORE, CONDITIONS ARE REQUIRED THAT CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE:

CATALOG:

DWG NO: **CPS-4-4011-18-B1CS** SIZE: **C** SHEET 1 OF 1

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GENERAL STRUCTURES INC.
 A BIRMINGHAM COMPANY

DRAWN: L. GRUNIS 3/17/2015

CHECKED: _____ DATE: _____

REVISION: _____

APPROVED: _____

QUOTE: _____

S.O.# _____

REF: _____ SCALE: NONE

270° 180° 90° 0° HANDHOLE