



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	11 GAGE

  

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 RISK OF WIND INDUCED VIBRATIONS. ENGINEERING CONDITIONS ARE REQUIRED. CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE:

CATALOG:

DWG NO: **CPS-4-4011-18-B5CS** SIZE: **C** SHEET 1 OF 1

23171 Groesbeck Hwy.  
 Warren, MI 48089  
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 A DOW COMPANY  
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3/17/2015

DRAWN: L. GRUNIS

CHECKED:

REVISION:

APPROVED:

QUOTE:

S.O.#

REF:

DATE:

SCALE: NONE

180°  
 270° 0° 90°  
 HANDHOLE