

*SINGLE TUBULAR UPSWEEP ARM SPECIFICATIONS		
CATALOG NO.	ARM LENGTH (FT.)	RISE (FT.)
HPS-1-4014	4'	3'
HPS-1-4016	6'	3'
HPS-1-4018	8'	3'

POLE SPECIFICATIONS			
NO.	COMPONENT	ASTM DESIGNATION	MIN. YIELD (P.S.I)
1.	POLE SHAFT	A-595 GR. A	55,000
2.	BASE PLATE	A36	36,000
3.	ANCHOR BOLTS	F1554 GR. 55	55,000
4.	GALVANIZED HARDWARE	A153	-

POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.

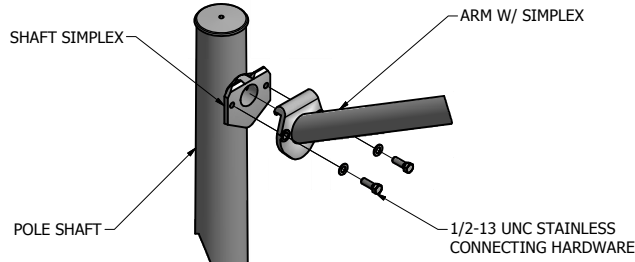
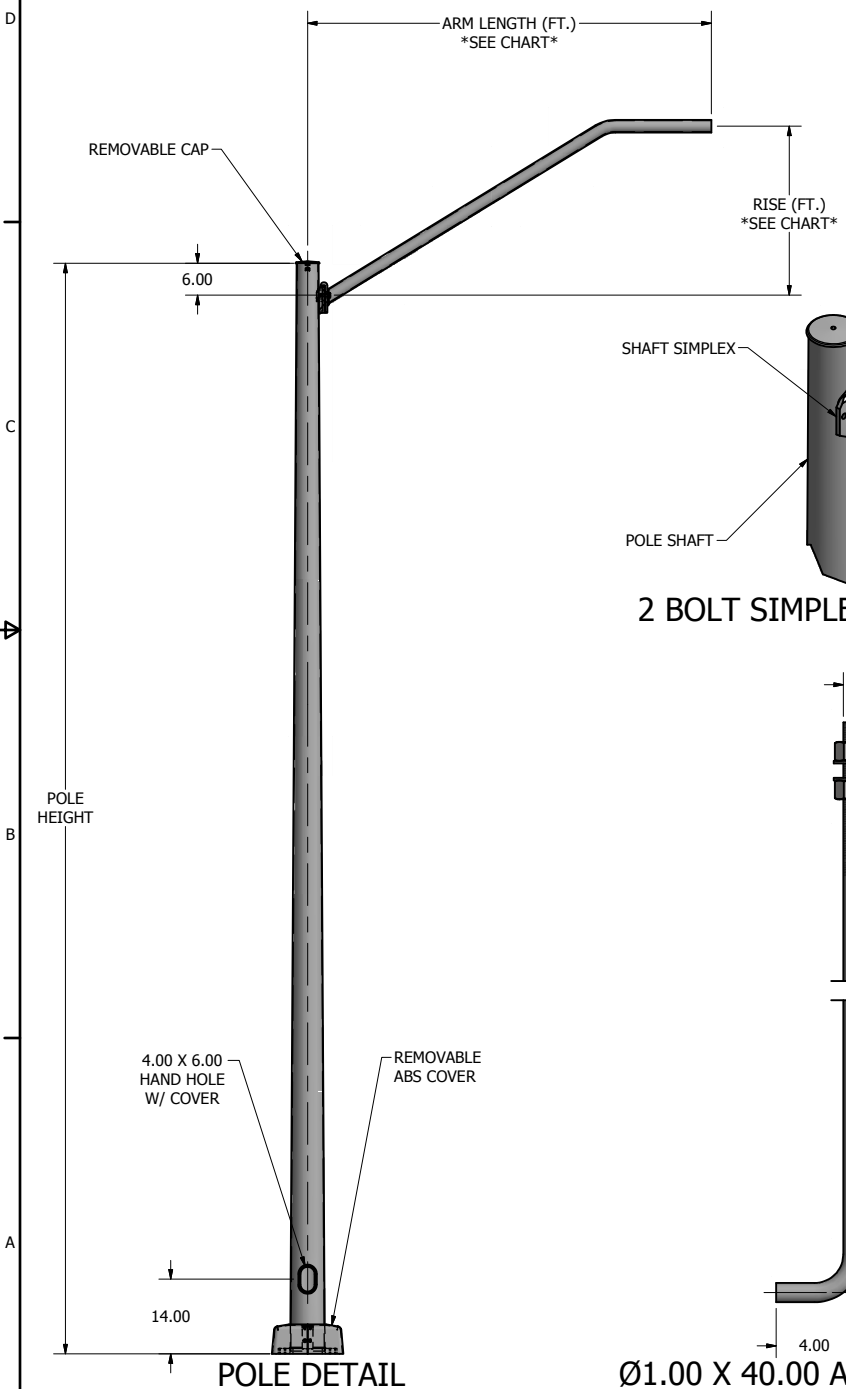
POLE DIMENSIONS				
POLE HGT. (FT.)	TOP DIA. (IN.)	BOTTOM DIA. (IN.)	GAGE	MTG. HGT. (FT.)
37'	3.82	9.00	11 GA.	40'

BASE PLATE DIMENSIONS			
BOLT CIRCLE (IN.)	BASE PLATE DIM. (IN.)	BOLT HOLE (IN.)	PLATE THK. (IN.)
12.00-13.00	13.00 SQ	1.25	1.00

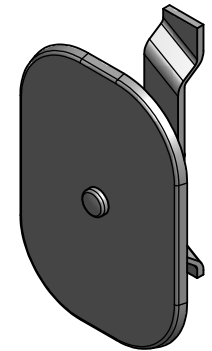
ANCHOR BOLT DIMENSIONS	
ANCHOR BOLT DIA. (IN.)	ANCHOR BOLT LENGTH (IN.)
1.00	40.00

ALLOWABLE WIND LOADING (SQ. FT.) PER ARM	
WIND*	EPA
100 MPH	2.0

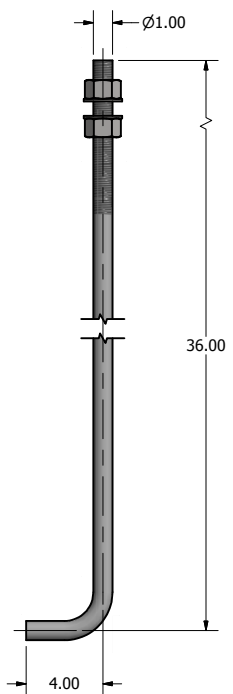
*WITH 1.3 GUST FACTOR



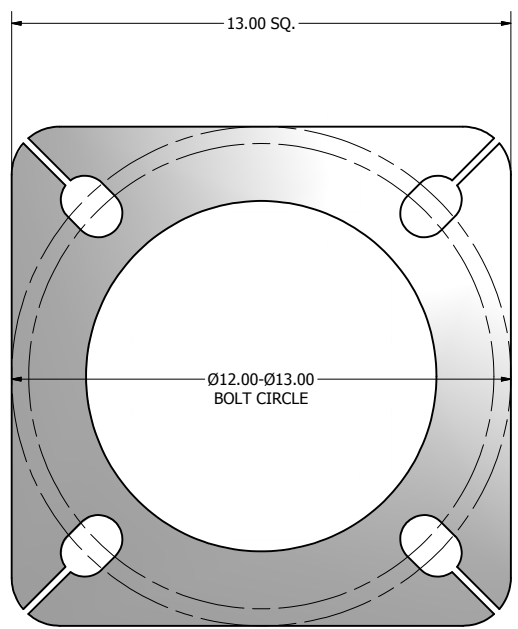
2 BOLT SIMPLEX DETAIL VIEW



4.00 X 6.00 HAND HOLE COVER



Ø1.00 X 40.00 ANCHOR BOLT



13.00 X 13.00 X 1.00 THK. BASE PLATE

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 THESE VIBRATIONS. THEREFORE, WIND LOADS AND CONDITIONS ARE REQUIRED. THIS DESIGN IS BASED ON THE ASSUMPTIONS LISTED ABOVE. GENERAL STRUCTURES, INC. CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE:
CATALOG:

DWG NO: HPS-1-4014-HPS-1-4018 SIZE: C SHEET 1 OF 1

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Warren, MI 48089
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DRAWN: M. HARVALA	DATE: 2/18/2015
CHECKED:	DATE:
REVISION:	APPROVED:
QUOTE:	S.O.#
REF:	SCALE: NONE

