

SPECIFICATIONS

The davit arm member is conically tapered from either 4", 4-1/2" or 6" O.D. x .188" wall 6063 alloy extruded aluminum tube. The fixture end of each arm shall be a 2-3/8" O.D. (2" pipe size) tenon. Pole davit arm Members have a 6' 6" rise and are available in 6' spans. The davit arm slip fits onto a specially tapered pole top tenon where it is fastened with (2) stainless steel 1/2"-13 UNC through bolts. A 2" I.D. rubber grommet is included for each double davit arm.

The shaft shall be polished with fine grain aluminum oxide cloths, resulting in a high quality circumferential satin brushed finish. Additional architectural finishes available include natural anodized, duranodic and paint.

Unless otherwise directed, Valmont will locate single davit arms 90° to the right of the handhole and double davit arms will be located 90° and 270° from the handhole.

A flush covered handhole is centered 18" above the bottom of the shaft. The opening is 3" x 5" on a 6" diameter pole and 4" x 6" on 7", 8" and 10" diameter poles. An optional 4" x 8" opening is available for 8" and 10" diameter poles.

The anchor base is cast from A356 alloy aluminum and shall be heat treated to a T6 condition. The shaft shall be inserted into the anchor base casting and shall be joined by continuous circumferential welds. Four aluminum nut covers are provided with each anchor base.

Each davit arm pole includes: (4) anchor bolts with (2) nuts and (2) flat washers sized to match the anchor bolt.

CATALOG LOGIC

Mounting Height	Base Diameter	Wall Thickness	Number of Arms	Span of Arms	Pole Top Assembly Style	Finishes	Options
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Mounting Height*	Base Diameter*	Wall Thickness*	Number of Arms	Span of Arms	Pole Top Mounting	Finishes	Options
IN FEET AND INCHES	IN INCHES	THICKNESS IN 32NDS OF AN INCH	1 - Single 2 - Double	06 - 6'-0"	D4 - Davit Style Assembly	POLYESTER POWDER DBL - Black DCG - Charcoal Gray DMB - Med Bronze DSB - Steel Blue DTG - Dark Green SC - Special Color (Please Specify)	DBR - Bright Red DOB - Dark Bronze DNA - Natural Alum DSS - Sandstone DWH - White 311 - Light Bronze* 313 - Dark Bronze* * Duranodic Anodize
2000 - 20'-0" 2500 - 25'-0" 3000 - 30'-0" 3500 - 35'-0" 4000 - 40'-0"	6 - 6" 7 - 7" 8 - 8"	5 - 5/32" or 0.156" Wall 6 - 6/32" or 0.188" Wall 8 - 8/32" or 0.1250" Wall				ANODIZED 204 - Clear Natural 312 - Med Bronze* 335 - Black* BRUSHED SBF - Satin Brushed Finish	See Accessory Section (Please Specify with Code #)

* For available Base Diameter, Wall Thickness and Length Combinations, see Dimensional Load Data Table that follows.

Customer Approval:

signature

date

Job Name: _____ Quote: _____

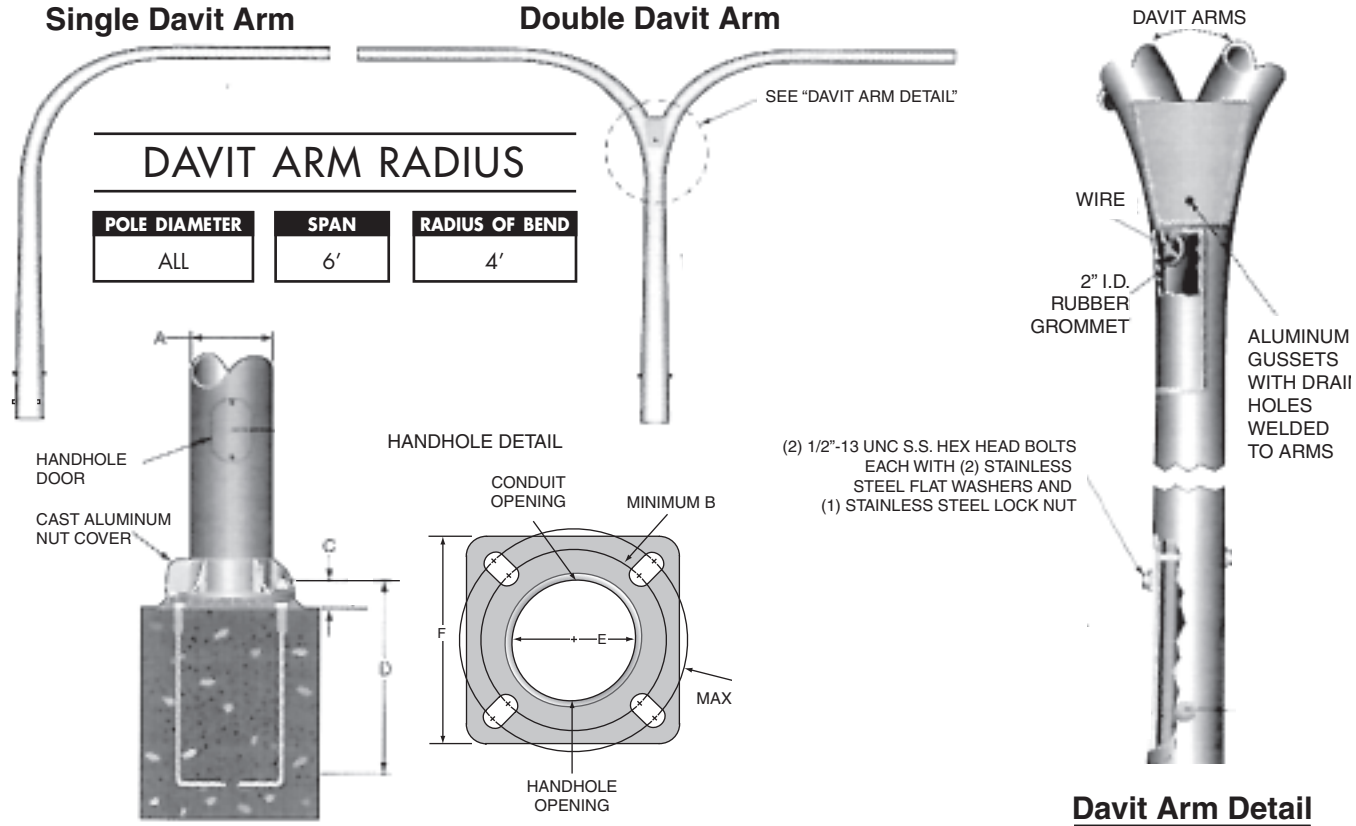
Client Name: _____

Created By: _____ Date: _____

6' TAPERED DAVIT ARM POLES

ANCHOR BASE AND BOLT DETAIL

A	B	C	D	E	F
POLE DIAMETER	BOLT CIRCLE	BOLT PROJECTION	BOLT SIZE	CONDUIT OPENING	BASE SIZE
6"	8-3/4"-10-1/4"	3-1/2"	3/4" x 17"	5-1/2"	10-1/4"
7"	10"-11"	4-1/8"	1" x 36"	6-1/2"	10-3/16"
8"	11"-12"	4-1/8"	1" x 36"	7-1/2"	12"



6' FOOT SINGLE DAVIT ARM
SPAN 72", RISE 78", FIXTURE SLIPFITTER 2-3/8" O.D.

LUMINAIRE MOUNTING HEIGHT	MAXIMUM ALLOWABLE EFFECTIVE PROJECTED PROJECTED AREA PER ARM IN FT. ²					DAVID ARM POLE MODEL NUMBER
	70 MPH	80 MPH	90 MPH	100 MPH	110 MPH	
20'	6.0	6.0	5.4	3.8	2.7	200065106D4
25'	6.0	4.3	2.6	1.4	0.6	250065106D4
25'	6.0	6.0	5.5	3.8	2.6	250075106D4
30'	3.7	1.6	—	—	—	300065106D4
30'	6.0	4.7	2.8	1.5	0.6	300075106D4
30'	6.0	6.0	5.6	3.8	2.5	300085106D4
35'	4.3	2.0	0.5	—	—	350075106D4
35'	6.0	4.9	2.9	1.6	0.6	350085106D4
35'	6.0	6.0	4.8	3.1	1.8	350086106D4
35'	6.0	6.0	6.0	5.9	4.2	350088106D4
40'	4.6	2.2	0.7	—	—	400085106D4
40'	6.0	4.2	2.3	1.0	—	400086106D4
40'	6.0	6.0	5.4	3.5	2.1	400088106D4

6' FOOT DOUBLE DAVIT ARM
SPAN 72", RISE 78", FIXTURE SLIPFITTER 2-3/8" O.D.

LUMINAIRE MOUNTING HEIGHT	MAXIMUM ALLOWABLE EFFECTIVE PROJECTED PROJECTED AREA PER ARM IN FT. ²					DAVID ARM POLE MODEL NUMBER
	70 MPH	80 MPH	90 MPH	100 MPH	110 MPH	
20'	6.0	3.8	2.4	1.3	—	200065206D4
20'	7.1	6.7	4.6	3.2	2.0	200075206D4
25'	3.1	1.4	—	—	—	250065206D4
25'	6.0	3.6	2.1	1.1	—	250075206D4
25'	7.1	6.2	4.2	2.8	1.6	250085206D4
30'	3.3	1.5	—	—	—	300075206D4
30'	6.0	3.6	2.1	0.9	—	300085206D4
30'	7.1	5.3	3.4	2.1	1.1	300086206D4
30'	7.1	7.1	6.0	4.1	2.8	300088206D4
35'	3.4	1.5	—	—	—	350085206D4
35'	5.3	2.9	1.5	—	—	350086206D4
35'	7.1	5.6	3.6	2.2	1.2	350088206D4
40'	2.9	1.1	—	—	—	400086206D4
40'	5.9	3.4	1.8	0.7	—	400088206D4

Maximum Fixture Weight 75 Lbs.
Designs for greater E.P.A. loading and/or dimensional requirements available. Contact your local Valmont Representative or Valmont Industries for assistance.

SPC7107 08/07 www.valmontstructures.com carries the most current spec information and supersedes these guidelines.