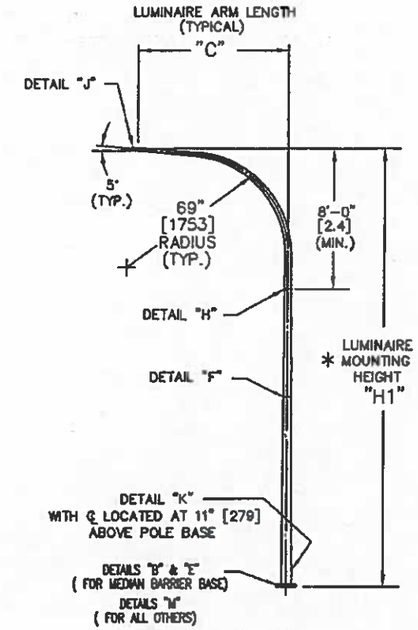
CATALOG NUMBER	POLE DATA							SINGLE ARM			DOUBLE ARM		
	"H1"	"C"	TOP O.D. X BASE O.D.	MATERIAL BREAKDOWN .120" THK.	.179" THK.	.239" THK.	.3125" THK.	ANCHOR BOLT SIZE "G"	HEX. HEAD BOLT SIZE "W"	BOTTOM PL. THK. "Z"	ANCHOR BOLT SIZE "G"	HEX. HEAD BOLT SIZE "W"	BOTTOM PL. THK. "Z"
J206-3721		6'-0" [1.8]	4 3/4" X 6 1/2" [121 X 165]	13'-0" [3.96]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J208-3721		8'-0" [2.4]	4 3/4" X 6 1/2" [121 X 165]	13'-0" [3.96]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J2010-3721	20' [6.10]	10'-0" [3.1]	4 3/4" X 6 1/2" [121 X 165]	13'-0" [3.96]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J2012-3721	NOM. ± 6"	12'-0" [3.7]	4 3/4" X 6 1/2" [121 X 165]	13'-0" [3.96]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J2014-3721	[±152]	14'-0" [4.3]	4 3/4" X 6 1/2" [121 X 165]	13'-0" [3.96]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J2016-3721		16'-0" [4.9]	4 3/4" X 6 1/2" [121 X 165]	13'-0" [3.96]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J256-3721		6'-0" [1.8]	4 3/4" X 7 3/16" [121 X 183]	18'-0" [5.50]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J258-3721		8'-0" [2.4]	4 3/4" X 7 3/16" [121 X 183]	18'-0" [5.50]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J2510-3721	25' [7.62]	10'-0" [3.1]	4 3/4" X 7 3/16" [121 X 183]	18'-0" [5.50]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J2512-3721	NOM. ± 6"	12'-0" [3.7]	4 3/4" X 7 3/16" [121 X 183]	18'-0" [5.50]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J2514-3721	[±152]	14'-0" [4.3]	4 3/4" X 7 3/16" [121 X 183]	18'-0" [5.50]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J2516-3721		16'-0" [4.9]	4 3/4" X 7 3/16" [121 X 183]	18'-0" [5.50]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J306-3721		6'-0" [1.8]	4 3/4" X 7 7/8" [121 X 200]	23'-0" [7.01]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J308-3721		8'-0" [2.4]	4 3/4" X 7 7/8" [121 X 200]	23'-0" [7.01]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J3010-3721	30' [9.14]	10'-0" [3.1]	4 3/4" X 7 7/8" [121 X 200]	23'-0" [7.01]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J3012-3721	NOM. ± 6"	12'-0" [3.7]	4 3/4" X 7 7/8" [121 X 200]	23'-0" [7.01]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J3014-3721	[±152]	14'-0" [4.3]	4 3/4" X 7 7/8" [121 X 200]	23'-0" [7.01]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J3016-3721		16'-0" [4.9]	4 3/4" X 7 7/8" [121 X 200]	23'-0" [7.01]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J356-3721		6'-0" [1.8]	4 3/4" X 8 9/16" [121 X 217]	28'-0" [8.53]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J358-3721		8'-0" [2.4]	4 3/4" X 8 9/16" [121 X 217]	28'-0" [8.53]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J3510-3721	35' [10.7]	10'-0" [3.1]	4 3/4" X 8 9/16" [121 X 217]	28'-0" [8.53]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J3512-3721	NOM. ± 6"	12'-0" [3.7]	4 3/4" X 8 9/16" [121 X 217]	28'-0" [8.53]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J3514-3721	[±152]	14'-0" [4.3]	4 3/4" X 8 9/16" [121 X 217]	28'-0" [8.53]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J3516-3721		16'-0" [4.9]	4 3/4" X 8 9/16" [121 X 217]	⑥28'-0" ⑥[8.53]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J406-3721		6'-0" [1.8]	4 3/4" X 9 1/4" [121 X 235]	33'-0" [10.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J408-3721		8'-0" [2.4]	4 3/4" X 9 1/4" [121 X 235]	33'-0" [10.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J4010-3721	40' [12.2]	10'-0" [3.1]	4 3/4" X 9 1/4" [121 X 235]	⑥33'-0" ⑥[10.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J4012-3721	NOM. ± 6"	12'-0" [3.7]	4 3/4" X 9 1/4" [121 X 235]	⑥33'-0" ⑥[10.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J4014-3721	[±152]	14'-0" [4.3]	4 3/4" X 9 1/4" [121 X 235]	⑥33'-0" ⑥[10.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J4016-3721		16'-0" [4.9]	4 3/4" X 9 1/4" [121 X 235]	⑥33'-0" ⑥[10.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J456-3721		6'-0" [1.8]	4 3/4" X 9 15/16" [121 X 252]	38'-0" [11.6]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J458-3721	45'	8'-0" [2.4]	4 3/4" X 9 15/16" [121 X 252]	38'-0" [11.6]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	1-8NC X 5 1/2"	1 3/8" [35]
J4510-3721	[13.7] NOM.	10'-0" [3.1]	4 3/4" X 9 15/16" [121 X 252]	⑥38'-0" ⑥[11.6]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J4512-3721	± 6" [±152]	12'-0" [3.7]	4 3/4" X 9 15/16" [121 X 252]	⑥38'-0" ⑥[11.6]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J4514-3721		14'-0" [4.3]	4 3/4" X 9 15/16" [121 X 252]	⑥38'-0" ⑥[11.6]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J4516-3721		16'-0" [4.9]	4 3/4" X 9 15/16" [121 X 252]	⑥38'-0" ⑥[11.6]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J506-3721		6'-0" [1.8]	4 3/4" X 10 5/8" [121 X 270]	43'-0" [13.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J508-3721		8'-0" [2.4]	4 3/4" X 10 5/8" [121 X 270]	43'-0" [13.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25mm X 1372mm]	NOTE 3	–
J5010-3721	50' [15.2] NOM.	10'-0" [3.1]	4 3/4" X 10 5/8" [121 X 270]	⑥43'-0" ⑥[13.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1 1/8" X 66" [29mm X 1675mm]	NOTE 3	–
J5012-3721	± 6" [±152]	12'-0" [3.7]	4 3/4" X 10 5/8" [121 X 270]	⑥43'-0" ⑥[13.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1 1/8" X 66" [29mm X 1675mm]	NOTE 3	–
J5014-3721		14'-0" [4.3]	4 3/4" X 10 5/8" [121 X 270]	⑥43'-0" ⑥[13.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1 1/8" X 66" [29mm X 1675mm]	NOTE 3	–
J5016-3721		16'-0" [4.9]	4 3/4" X 10 5/8" [121 X 270]	⑥43'-0" ⑥[13.1]	—	—	—	1" X 54" [25 X 1372]	1-8NC X 5 1/2"	1 3/8" [35]	1 1/8" X 66" [29mm X 1675mm]	NOTE 3	–

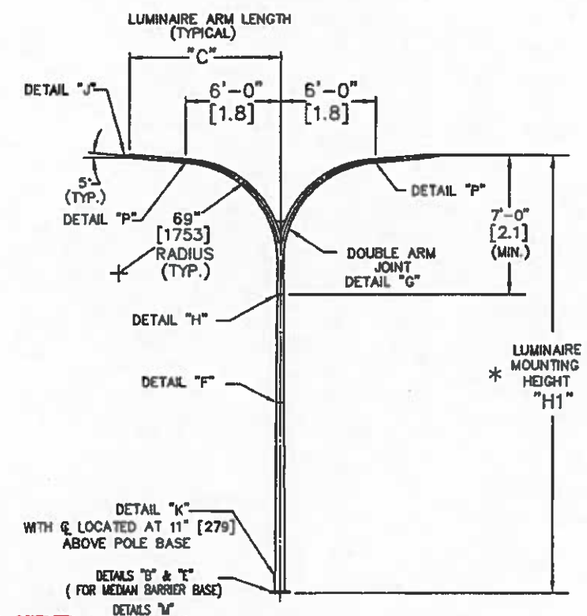


"J" SERIES

NOTES:

1) SEE DRAWING W3721-1 FOR POLE DETAILS, AND NOTES IN BUBBLES: ◯
2) DIMENSIONS IN [ ] ARE METRIC. INCHES CONVERTED TO MILLIMETERS AND FEET TO METERS.
3) SLIP BASE ARE NOT ALLOWED, WHEN POLES EXCEED THE FOLLOWING:
   a) WHEN SINGLE ARM POLE HAS H1 > 50 FT OR ARM LENGTH > 16 FT.
   b) WHEN DOUBLE ARM POLE HAS H1 > 45 FT OR ARM LENGTH > 8 FT.
   c) POLES EXCEEDING 1000 LBS. IN WEIGHT
   (REF. WASHINGTON DOT STANDARD PLAN J-28.42-00.)
4) AASHTO 2009 DESIGN PARAMETERS:
   1.) LOCATION: WASHINGTON STATE
   2.) BASIC WIND SPEED: 90 MPH.
   3.) DESIGN LIFE: 50 YEARS RECURRENCE INTERVAL
   4.) FATIGUE CATEGORY : N/A
5) DESIGN LOADS
   LUMINAIRE- 3.3 SQ. FT. EPA WT=60 LBS.
   SIGN-20 SQ. FT. @ 7FT FROM POLE BASE

* CUSTOMER TO VERIFY "H1" DIMENSIONS



"J" SERIES DOUBLE

STEVEN EUGENE TAYLOR
STATE OF WASHINGTON
50244
REGISTERED
PROFESSIONAL ENGINEER
1/26/2015

APPROVED
Manufacturer's Pole Plan
Approved For Listing As A
Pre-Approved Drawing
WSDOT Bridge & Structures Office
By GB Date 1-29-2015

REV	DATE	DESCRIPTION	BY	APPR
E	1/15	REV. PER STATES MARK-UP	MHM	GM
D	12/11	GENERAL REVISIONS	MHM	GM
C	7/08	ADDED NOTE 3 & REV. CHART	GM	JB

Ameron POLE PRODUCTS DIVISION

STATE OF WASHINGTON
"J" SERIES LIGHTING STANDARD

DRAWN MHM	DATE 2/03	SCALE	DWG.NO.	REV.
APPR RD	DATE 2/03	N.T.S.	W3721-2	E