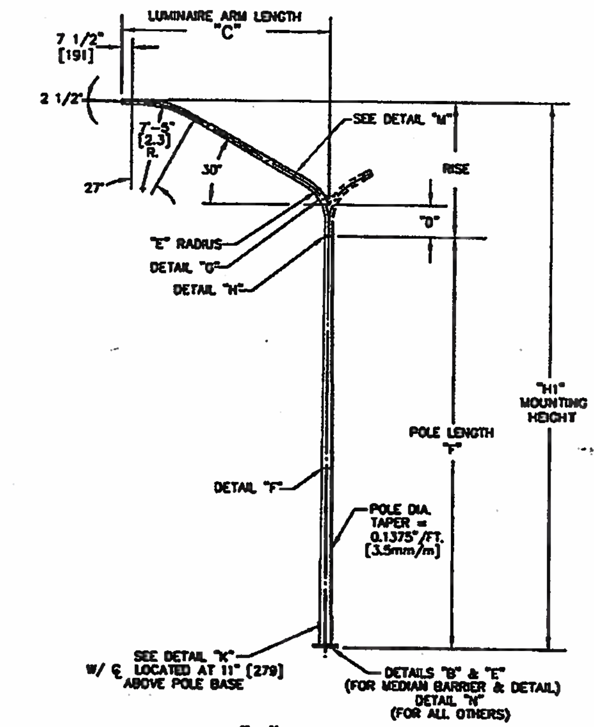
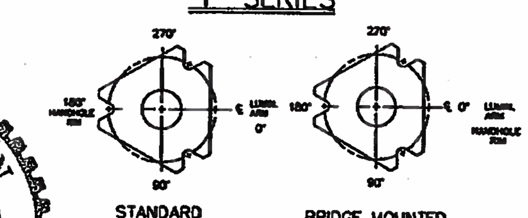
ITEM	QTY.	CATALOG NUMBER ②	"H1"	"C"	END O.D. X BASE O.D. X THICKNESS	.120" THK.	.179" THK.	.239" THK.	.239" THK.	.3125" THK.	RISE	"D"	RADIUS "E"	"F" ⑥	TOP O.D X BASE O.D.	.120" THK.	.179" THK.	.239" THK.	.239" THK.	.3125" THK.	SINGLE ARM ANCHOR BOLT SIZE "G"	SINGLE ARM HEX. HEAD BOLT SIZE "W"	SINGLE ARM BOTTOM PL. THK. "Z"	DOUBLE ARM ANCHOR BOLT SIZE "G"	DOUBLE ARM HEX. HEAD BOLT SIZE "W"	DOUBLE ARM BOTTOM PL. THK. "Z"
				LUMINAIRE ARM SIZE										POLE SIZE ④⑤⑦												
		T-306-3720		6'-0" [1.8]	2 3/8" X 4" [60 X 102]	6'-0" [1.8]	—	—	—	—	3'-0" [.91]	10" [254]	12" [305]	27'-0" [8.2]	4" X 7 11/16" [102 X 195]	27'-0" [8.2]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]
		T-308-3720		8'-0" [2.4]	2 3/8" X 4" [60 X 102]	8'-0" [2.4]	—	—	—	—	4'-0" [1.2]	10" [254]	12" [305]	26'-0" [7.9]	4" X 7 9/16" [102 X 192]	26'-0" [7.9]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]
		T-3010-3720	30' [9.14]	10'-0" [3.1]	2 3/8" X 4" [60 X 102]	10'-0" [3.1]	—	—	—	—	5'-0" [1.5]	10" [254]	12" [305]	25'-0" [7.6]	4" X 7 7/16" [102 X 189]	25'-0" [7.6]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-3012-3720	NOM. ± 6"	12'-0" [3.7]	2 3/8" X 4 1/2" [60 X 114]	12'-0" [3.7]	—	—	—	—	6'-6" [2.0]	12" [305]	15" [381]	23'-6" [7.16]	4 1/2" X 7 3/4" [114 X 197]	23'-6" [7.16]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-3014-3720	[±152]	14'-0" [4.3]	2 3/8" X 4 1/2" [60 X 114]	14'-0" [4.3]	—	—	—	—	7'-6" [2.3]	12" [305]	15" [381]	22'-6" [6.9]	4 1/2" X 7 9/16" [114 X 192]	22'-6" [6.9]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-3016-3720		16'-0" [4.9]	2 3/8" X 4 1/2" [60 X 114]	16'-0" [4.9]	—	—	—	—	8'-1" [2.5]	12" [305]	15" [381]	22'-0" [6.7]	4 1/2" X 7 1/2" [114 X 191] ③	22'-0" [6.7]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-356-3720		6'-0" [1.8]	2 3/8" X 4" [60 X 102]	6'-0" [1.8]	—	—	—	—	3'-0" [.91]	10" [254]	12" [305]	32'-0" [9.8]	4" X 8 3/8" [102 X 213]	32'-0" [9.8]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]
		T-358-3720		8'-0" [2.4]	2 3/8" X 4" [60 X 102]	8'-0" [2.4]	—	—	—	—	4'-0" [1.2]	10" [254]	12" [305]	31'-0" [9.4]	4" X 8 1/4" [102 X 210]	31'-0" [9.4]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]
		T-3510-3720	35' [10.7]	10'-0" [3.1]	2 3/8" X 4" [60 X 102]	10'-0" [3.1]	—	—	—	—	5'-0" [1.5]	10" [254]	12" [305]	30'-0" [9.14]	4" X 8 1/8" [102 X 206]	30'-0" [9.14]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-3512-3720	NOM. ± 6"	12'-0" [3.7]	2 3/8" X 4 1/2" [60 X 114]	12'-0" [3.7]	—	—	—	—	6'-6" [2.0]	12" [305]	15" [381]	28'-6" [8.7]	4 1/2" X 8 3/8" [114 X 213]	28'-6" [8.7]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-3514-3720	[±152]	14'-0" [4.3]	2 3/8" X 4 1/2" [60 X 114]	14'-0" [4.3]	—	—	—	—	7'-6" [2.3]	12" [305]	15" [381]	27'-6" [8.4]	4 1/2" X 8 1/4" [114 X 210]	27'-6" [8.4]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-3516-3720		16'-0" [4.9]	2 3/8" X 4 1/2" [60 X 114]	16'-0" [4.9]	—	—	—	—	8'-1" [2.5]	12" [305]	15" [381]	27'-0" [8.2]	4 1/2" X 8 3/16" [114 X 208] ③	27'-0" [8.2]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-406-3720		6'-0" [1.8]	2 3/8" X 4" [60 X 102]	6'-0" [1.8]	—	—	—	—	3'-0" [.91]	10" [254]	12" [305]	37'-0" [11.3]	4" X 9 1/16" [102 X 230]	37'-0" [11.3]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]
		T-408-3720	40'	8'-0" [2.4]	2 3/8" X 4" [60 X 102]	8'-0" [2.4]	—	—	—	—	4'-0" [1.2]	10" [254]	12" [305]	36'-0" [11.0]	4" X 8 15/16" [102 X 227]	36'-0" [11.0]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]
		T-4010-3720	[12.2] NOM.	10'-0" [3.1]	2 3/8" X 4" [60 X 102]	10'-0" [3.1]	—	—	—	—	5'-0" [1.5]	10" [254]	12" [305]	35'-0" [10.7]	4" X 8 13/16" [102 X 224] ③	35'-0" [10.7]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-4012-3720	± 6" [+152]	12'-0" [3.7]	2 3/8" X 4 1/2" [60 X 114]	12'-0" [3.7]	—	—	—	—	6'-6" [2.0]	12" [305]	15" [381]	33'-6" [10.2]	4 1/2" X 9 1/8" [114 X 232] ③	33'-6" [10.2]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-4014-3720		14'-0" [4.3]	2 3/8" X 4 1/2" [60 X 114]	14'-0" [4.3]	—	—	—	—	7'-6" [2.3]	12" [305]	15" [381]	32'-6" [9.91]	4 1/2" X 9" [114 X 229] ③	32'-6" [9.91]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-4016-3720		16'-0" [4.9]	2 3/8" X 4 1/2" [60 X 114]	16'-0" [4.9]	—	—	—	—	8'-1" [2.5]	12" [305]	15" [381]	32'-0" [10.2]	4 1/2" X 8 7/8" [114 X 225] ③	32'-0" [10.2]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-456-3720		6'-0" [1.8]	2 3/8" X 4" [60 X 102]	6'-0" [1.8]	—	—	—	—	3'-0" [.91]	10" [254]	12" [305]	42'-0" [12.8]	4" X 9 3/4" [102 X 248]	42'-0" [12.8]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]
		T-458-3720	45'	8'-0" [2.4]	2 3/8" X 4" [60 X 102]	8'-0" [2.4]	—	—	—	—	4'-0" [1.2]	10" [254]	12" [305]	41'-0" [12.5]	4" X 9 5/8" [102 X 244]	41'-0" [12.5]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]
		T-4510-3720	[13.7] NOM.	10'-0" [3.1]	2 3/8" X 4" [60 X 102]	10'-0" [3.1]	—	—	—	—	5'-0" [1.5]	10" [254]	12" [305]	40'-0" [12.2]	4" X 9 1/2" [102 X 241] ③	40'-0" [12.2]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-4512-3720	± 6" [+152]	12'-0" [3.7]	2 3/8" X 4 1/2" [60 X 114]	12'-0" [3.7]	—	—	—	—	6'-6" [2.0]	12" [305]	15" [381]	38'-6" [11.7]	4 1/2" X 9 13/16" [114 X 249] ③	38'-6" [11.7]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-4514-3720		14'-0" [4.3]	2 3/8" X 4 1/2" [60 X 114]	14'-0" [4.3]	—	—	—	—	7'-6" [2.3]	12" [305]	15" [381]	37'-6" [11.4]	4 1/2" X 9 5/8" [114 X 244] ③	37'-6" [11.4]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-4516-3720		16'-0" [4.9]	2 3/8" X 4 1/2" [60 X 114]	16'-0" [4.9]	—	—	—	—	8'-1" [2.5]	12" [305]	15" [381]	37'-0" [11.3]	4 1/2" X 9 9/16" [114 X 243] ③	37'-0" [11.3]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-506-3720		6'-0" [1.8]	2 3/8" X 4" [60 X 102]	6'-0" [1.8]	—	—	—	—	3'-0" [.91]	10" [254]	12" [305]	47'-0" [14.3]	4" X 10 7/16" [102 X 265]	47'-0" [14.3]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-508-3720	50'	8'-0" [2.4]	2 3/8" X 4" [60 X 102]	8'-0" [2.4]	—	—	—	—	4'-0" [1.2]	10" [254]	12" [305]	46'-0" [14.0]	4" X 10 5/16" [102 X 262]	46'-0" [14.0]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1" X 54" [25 X 1372]	NOTE 3	–
		T-5010-3720	[15.2] NOM.	10'-0" [3.1]	2 3/8" X 4" [60 X 102]	10'-0" [3.1]	—	—	—	—	5'-0" [1.5]	10" [254]	12" [305]	45'-0" [13.7]	4" X 10 3/16" [102 X 259] ③	45'-0" [13.7]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1 1/8" X 66" [29 X 1676]	NOTE 3	–
		T-5012-3720	± 6" [+152]	12'-0" [3.7]	2 3/8" X 4 1/2" [60 X 114]	12'-0" [3.7]	—	—	—	—	6'-6" [2.0]	12" [305]	15" [381]	43'-6" [13.3]	4 1/2" X 10 1/2" [114 X 267] ③	43'-6" [13.3]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1 1/8" X 66" [29 X 1676]	NOTE 3	–
		T-5014-3720		14'-0" [4.3]	2 3/8" X 4 1/2" [60 X 114]	14'-0" [4.3]	—	—	—	—	7'-6" [2.3]	12" [305]	15" [381]	42'-6" [12.9]	4 1/2" X 10 3/8" [114 X 264] ③	42'-6" [12.9]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1 1/8" X 66" [29 X 1676]	NOTE 3	–
		T-5016-3720		16'-0" [4.9]	2 3/8" X 4 1/2" [60 X 114]	16'-0" [4.9]	—	—	—	—	8'-1" [2.5]	12" [305]	15" [381]	42'-0" [12.8]	4 1/2" X 10 1/4" [114 X 260] ③	42'-0" [12.8]	—	—	—	—	1" X 54" [25 X 1372]	1"-8NC X 5 1/2"	1 3/8" [35]	1 1/8" X 66" [29 X 1676]	NOTE 3	–

NOTES:

1) SEE DRAWING W3720-1 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 IS > 8 FT.
   c) POLE EXCEEDING A 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



"T" SERIES



HANDHOLE ORIENTATION

CONTRACTOR MUST VERIFY HANDHOLE ORIENTATION OF "BRIDGE MOUNT" POLES BEFORE FABRICATION

JEFF L. GRIFFIN
STATE OF WASHINGTON
33467
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES 7/21/13

REV	DATE	DESCRIPTION	BY	APPR
E	12/11	DEIGN PARAMETER	MHM	GM
D	12/11	GENERAL REVISIONS	MHM	GM
C	7/08	ADDED NOTE 3 & REV. CHART	GM	JB
B	2/07	REV. PER STATES MARK-UP	JB	GM
A	3/04	HEX HEAD BOLT SIZE	MHM	RD

APPROVED
Manufacturer's Pole Plan
Approved For Listing As A
Pre-Approved Drawing
WSDOT Bridge & Structures Office
By GB Date 3-13-2012

AGENCY	
PROJECT	
DISTRIBUTOR	
CONTRACTOR	
CUSTOMER ORDER NO.	
AMERON NO.	

Ameron POLE PRODUCTS DIVISION

STATE OF WASHINGTON
"T" SERIES LIGHTING STANDARD

DRAWN: MHM	DATE: 2/03	SCALE	DWG.NO.	REV.
APPR: RD	DATE: 2/03		W3720-2	E