

MATERIAL SPECIFICATION	
SHAFT	STEEL OF 48,000 P.S.I. MINIMUM YIELD AFTER FABRICATION ASTM A-572 GR. 50 ASTM A-572 GR. A ASTM A-709 GR. 50 ASTM A-1011 GR. 50 THE ABOVE LISTED MATERIALS ARE USED BASED UPON AVAILABILITY AT TIME OF PURCHASE OF MATERIAL LOTS FOR PRODUCING POLE AND ARM SHAFTS
BOTTOM SLIP PLATE	ASTM A-572 GR. 50 STEEL
ANCHOR PLATE	ASTM A-572 GR. 50 STEEL
PIPE	ASTM A-53 GRADE "B" OR ASTM A-500 GRADE "B"
ANCHOR BOLTS	ASTM F-1554 GR. 105
POLE FINISH	HOT DIP GALVANIZED PER ASTM A-123
HARDWARE FINISH	HOT DIP GALVANIZED PER ASTM A-153
WELDS LONGITUDINAL	BUTT WELD BY THE ELECTRICAL RESISTANCE PROCESS
WELDS CIRCUMFERENTIAL	BUTT WELD WITH PERMANENT BACK-UP RING (CONTINUOUS)
TOP SLIP PLATE	ASTM A-572 GR. 50 STEEL
MEDIAN BARRIER PL.	ASTM A-572 GR. 50 STEEL

**NOTES**

① WELD: ALL BUTT WELDS TO BE GROUND FLUSH WITH BASE METAL. WELDING OF STRUCTURES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS D1.1 STRUCTURAL WELDING CODE - STEEL

**ORDERING INFO**

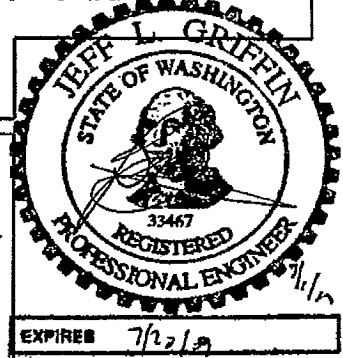
SERIES LUMINAIRE ARM LENGTH DWG. NO.  
T-4010D-SB-M3720

LUMINAIRE MOUNTING HEIGHT  
D = DOUBLE ARM

SB = SLIP BASE  
FB = FIXED BASE  
BM = BRIDGE MOUNT  
MB = MEDIAN BARRIER

- ② DOUBLE ARM CONNECTIONS ARE FABRICATED FROM TWO PIPE ELBOWS WELDED BACK TO BACK AND A 1/4" [6] GUSSET.
- ③ POLES WITH DOUBLE ARMS ARE TO HAVE A 7 GA. THICKNESS. ALL DAVIT SECTIONS ARE TO BE 11 GA.
- ④ FOR POLES REQUIRING DIFFERENT POLE LENGTHS "F" THAN SHOWN, ADJUST POLE BASE DIAMETER BY USING A TAPER OF (0.14 IN/FT) [12mm/m].
- ⑤ ALL WIREWAYS SHALL BE DEBURRED, ROUNDED AND SMOOTH FOR WIRE PROTECTION PURPOSES.
- ⑥ THE TOP SLIP PLATE WITHOUT BOTTOM SLIP PLATE AND ANCHOR PLATE IS A FIXED BASE. WHEN A FIXED BASE IS REQUIRED BY THE CONTRACT PLANS, ROTATE THE ANCHOR BOLT PATTERN SHOWN ON STANDARD PLAN "J"-28.30-00 AND INSTALL THE TOP SLIP PLATE DIRECTLY ON THE FOUNDATION.
- ⑦ THE MEDIAN BARRIER SHALL BE USED ON 40'[12.2], 45'[13.7] 50'[15.2] LIGHTING STANDARDS WITH 12'[3.7] MAXIMUM LENGTH DOUBLE ARMS.
- ⑧ 3 1/2" SCH. 40 PIPE FOR LUM. ARMS 10'-0" [3] AND LESS. 4" SCH. 40 PIPE FOR LUM. ARMS 12'-0" [3.7] AND LONGER.
- ⑨ 3" SCH. 40 PIPE FOR LUM. ARMS 10'-0" [3] AND LESS. 3 1/2" SCH. 40 PIPE FOR LUM. ARMS 12'-0" [3.7] AND LONGER.
- ⑩ AASHTO 2001 DESIGN PARAMETERS:  
1.) LOCATION: WASHINGTON STATE  
2.) BASIC WIND SPEED: 90 MPH.  
3.) DESIGN LIFE: 50 YEARS RECURRENCE INTERVAL  
4.) FATIGUE CATEGORY: N/A

**APPROVED**  
Manufacturer's Pole Plan  
Approved For Listing As A  
Pre-Approved Drawing  
WSDOT Bridge & Structures Office  
By *GB* Date 7/20/08



MATERIAL LIST		
QTY.	"H1"	DESCRIPTION

REV	DATE	DESCRIPTION	BY	APPR
F	3/08	REV. ANCHOR BOLT MAT'L & NOTE 10	BB	GM
E	03/07	REV. PER STATES MARK-UP	JB	GM
D	02/07	REV. PER STATES MARK-UP	JB	GM
C	02/06	REV. HANDHOLE DETAIL	JB	GM
B	4/04	REVISE DETAIL "C" & "E"	MHM	JB
A	3/04	REV. DIMENSIONS "O"	MHM	JB

AGENCY	
PROJECT	
DISTRIBUTOR	
CONTRACTOR	
CUSTOMER ORDER NO.	
AMERON NO.	

AMERON POLE PRODUCTS DIVISION	
STATE OF WASHINGTON	
T" SERIES LIGHTING STANDARD	
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DRAWN: MHM	DATE: 02/03
APPR: JB	DATE: 02/03
SCALE	DWG. NO. W3720-1
	REV. F