

NOTES

- 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 STRUCTURAL WELDING CODE D1.1 - STEEL LONGITUDINAL SEAM WELD IS 80% PENETRATION, EXCEPT FOR 6" FROM END OF SECTION AT FLANGE, BASEPLATE AND SLIP JOINT ARE 100% PENETRATION.

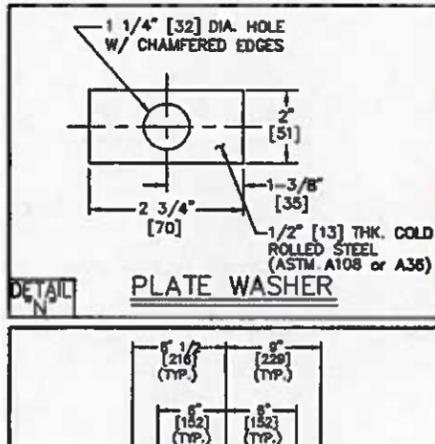
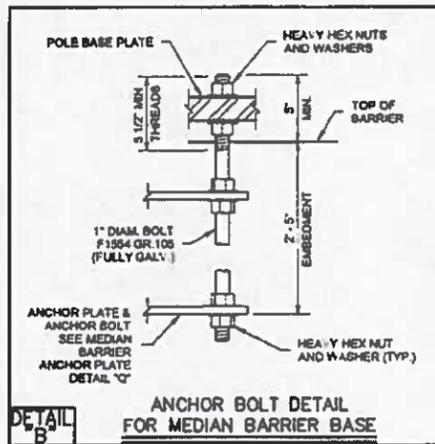
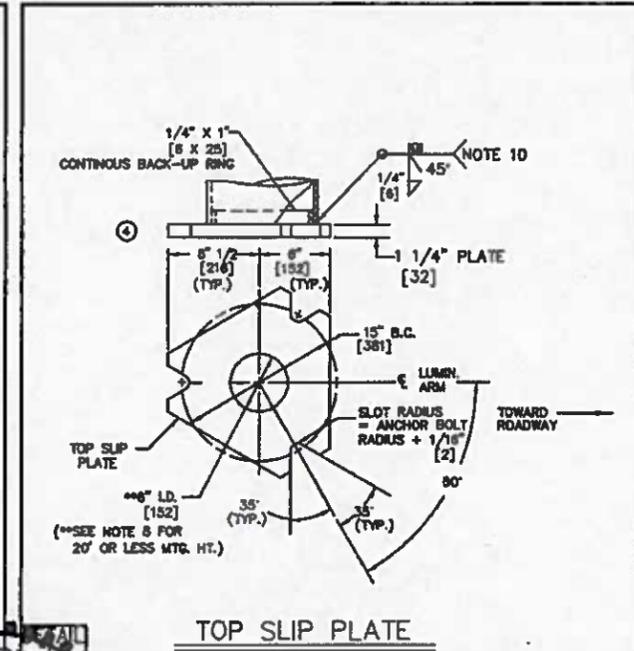
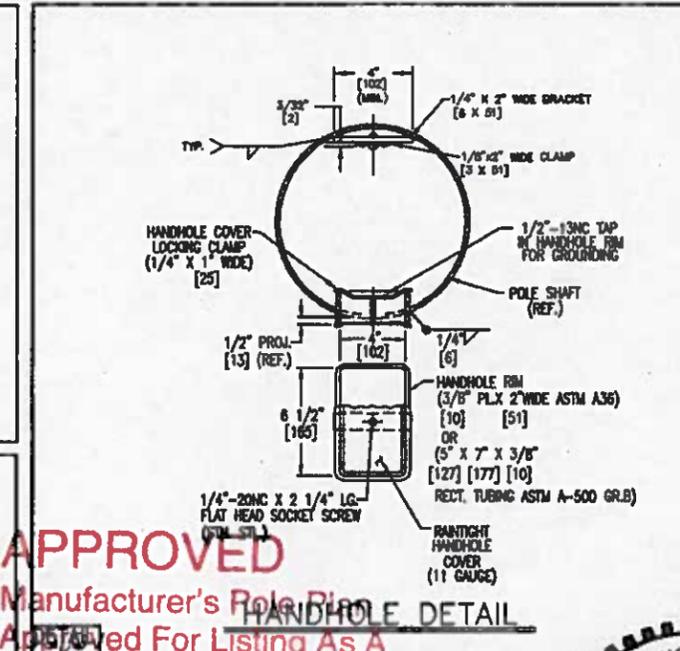
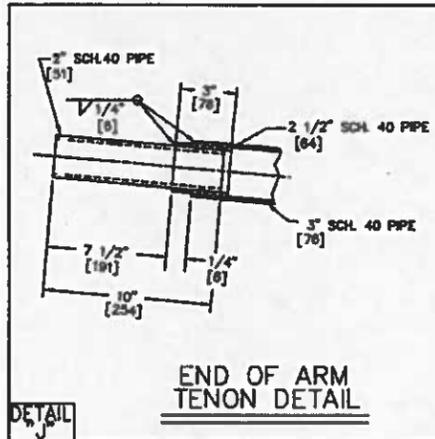
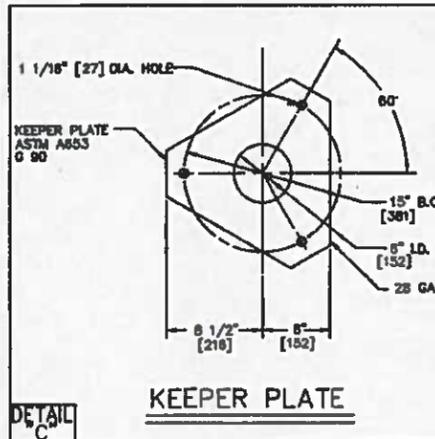
MATERIAL SPECIFICATION	
SHAFT	STEEL OF SA-500 FULL PENETRATION WELD AFTER FABRICATION ASTM A-572 GR.50 ASTM A-505 GR. A ASTM A-505 GR.50, ASTM A-1005 GR.50 ASTM A-1011 GR.50, ASTM A-1018 GR.50 THE ABOVE LISTED MATERIALS ARE USED BASED UPON AVAILABILITY AT TIME OF PURCHASE OF MATERIAL. LOTS FOR PRODUCING POLE AND ARM SHALTS
BOTTOM & TOP SLIP JOINT ANCHOR PLATE MEDIAN BARRIER BASE	ASTM A-572 GR. 50 STEEL
MISC. PLATE	ASTM A-36
PIPE	ASTM A-53 GRADE "B" DR OR ASTM A-100 GRADE "B"
ANCHOR BOLTS	ASTM F-1554 GR. 10S
FINISH	NOT TO BE GALVANIZED PER ASTM A-123
HARDWARE FINISH	HOT DIP GALVANIZED PER ASTM F2320
WELDS	BUTT WELD BY THE ELECTRO RESISTANCE PROCESS
LONGITUDINAL	BUTT WELD WITH PERMANENT BACK-UP RING (CONTROLS)
CIRCUMFERENTIAL	BUTT WELD WITH PERMANENT BACK-UP RING (CONTROLS)
TOP SLIP PLATE	ASTM A-572 GR. 50 STEEL
MEDIAN BARRIER PL	ASTM A-572 GR. 50 STEEL

ORDERING INFO

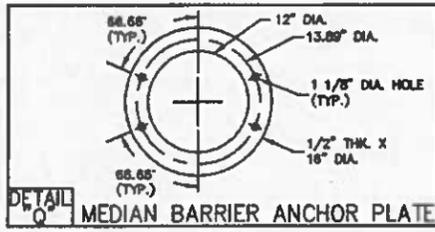
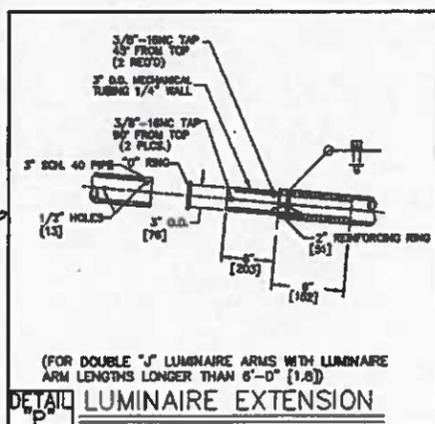
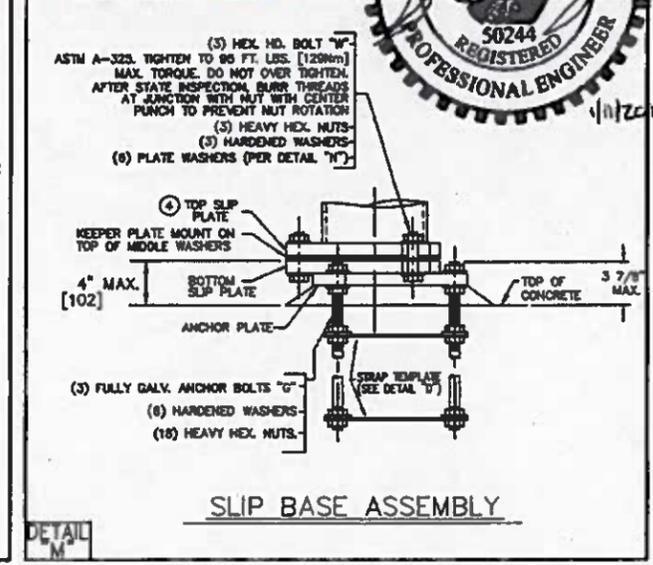
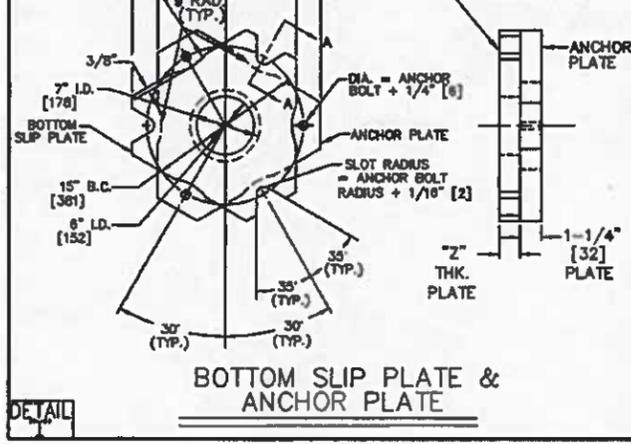
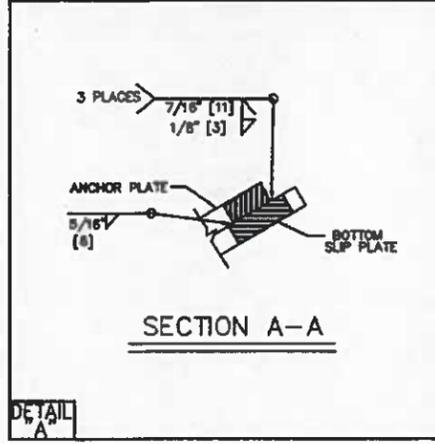
SERIES LUMINAIRE ARM LENGTH DWG. NO.
 J-4010D-SB-W3721

LUMINAIRE MOUNTING HEIGHT

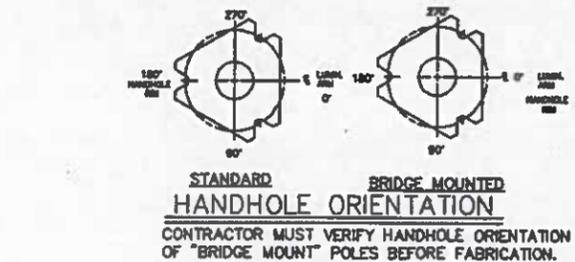
D = DOUBLE ARM
 SB = SLIP BASE
 FB = FIXED BASE
 BM = BRIDGE MOUNT
 MB = MEDIAN BARRIER



APPROVED
 Manufacturer's Role Plus Approved For Listing As A Pre-Approved Drawing
 WSDOT Bridge & Structures Office
 By GA Date 1-12-2016



- FOR DOUBLE ARM POLE, INSERT THE LETTER "D" AFTER THE ARM LENGTH IN THE CATALOG NUMBER. EXAMPLE: J-4012D-DWG. NO.
- ALL WIREWAYS SHALL BE DEBURRED, ROUNDED AND SMOOTH FOR WIRE PROTECTION PURPOSES.
- THE TOP SLIP PLATE WITHOUT THE 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 UPON THE FOUNDATION.
- THE MEDIAN BARRIER BASE SHALL BE USED ON 50' MAXIMUM LIGHTING STANDARDS WITH 16' MAXIMUM LENGTH DOUBLE ARMS.
- POLES WITH DOUBLE ARMS ARE TO HAVE A 7 GA. THICKNESS ALL DAVIT SECTIONS ARE TO BE 11 GA.
- FOR POLES REQUIRING DIFFERENT POLE LENGTHS THAN SHOWN, POLE DIAMETER SHALL BE ADJUSTED BY USING THE SAME POLE TAPER (0.14"/FT.)
- FOR 20' OR LESS MTG. HT., USE 5" I.D. FOR TOP SLIP PLATE.
- WHEN NEEDED FOR GALVANIZING LIFTING PURPOSES, A NOMINAL 3/8" DIAMETER HOLE WILL BE PLACED AT APPROXIMATELY 1" FROM END OF SHAFT.
- TACK WELD BACK-UP RING AT ROOT (FROM OUTSIDE), WHERE FULL PEN WELD IS PLACED BETWEEN SHAFT WALL AND BASE PLATE.



REV	DATE	DESCRIPTION	BY	APPR
M	1/16	ADD A-325 TO SLIP JOINT DETAIL	BB	MM
L	1/15	REV. DETAIL "A", "B" & "M"	MHM	GM
K	1/15	ADDED ANCHOR PLATE DETAIL	JJ	MHM

Amperon POLE PRODUCTS DIVISION

STATE OF WASHINGTON
 "J" SERIES LIGHTING STANDARD

THE DRAWING CONTRACTOR APPROVES THIS DRAWING FOR CONSTRUCTION OF THIS PROJECT AND IS RESPONSIBLE FOR ANY CHANGES TO THIS DRAWING WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.

DRAWN: MHM DATE: 02/03 SCALE: DWG. NO. REV.
 APPR: GA DATE: 02/03 W3721-1 M