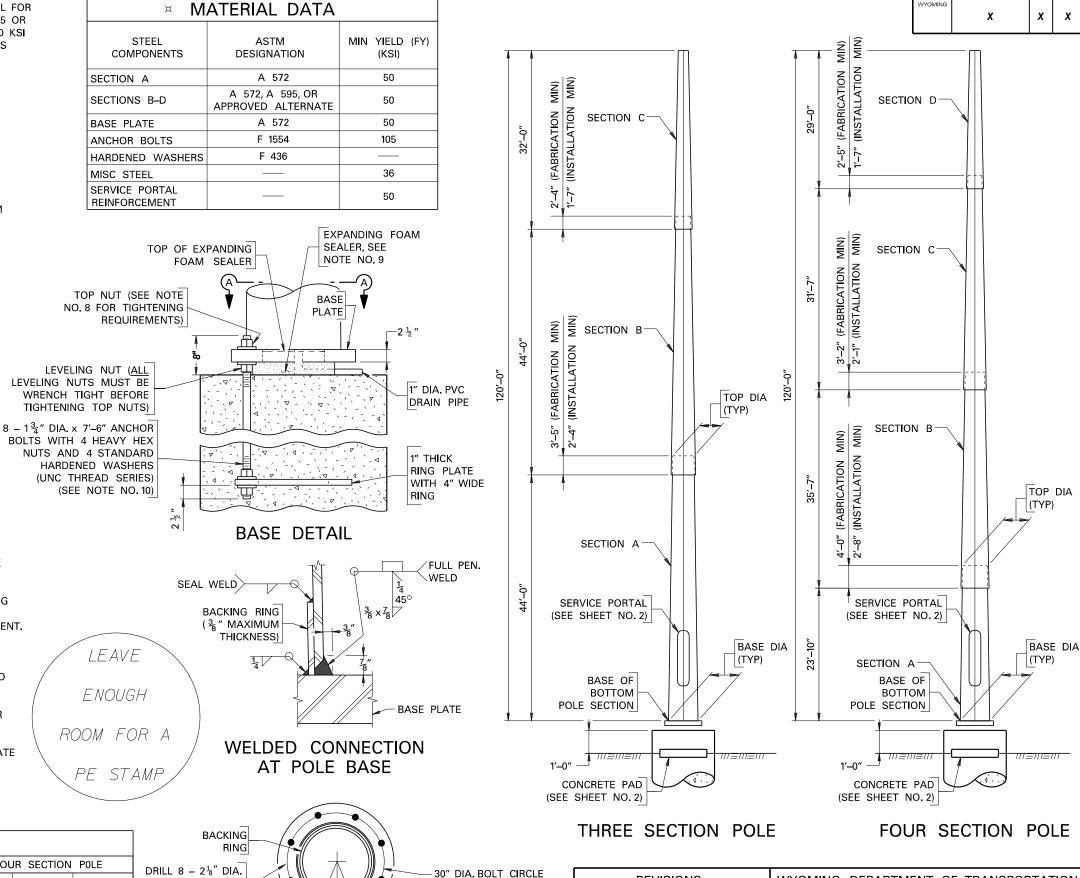


- TO PROVIDE A TIGHT FIT BETWEEN THE POLE SECTIONS.
- FOR MULTI-SIDED SECTIONS, ENSURE THE CORNER BEND RADIUS IS NOT LESS THAN 0.75" AND IS SPECIFIED ON THE SHOP DRAWINGS.
- 6) SEE THE SPECIAL PROVISION FOR "HIGH MAST LIGHTING" FOR ADDITIONAL REQUIREMENTS FOR POLE AND ANCHOR BOLTS.
- 7) ENSURE THE POLE FABRICATOR SUPPLIES STEEL CONSTRUCTION TEMPLATE(S) FOR POSITIONING ANCHOR BOLTS.
- TIGHTEN ANCHOR BOLT TOP NUTS IN ACCORDANCE WITH THE REQUIREMENTS IN THE SPECIAL PROVISION FOR "HIGH MAST LIGHTING". WRENCH TIGHTEN ALL LEVELING NUTS AGAINST THE BASE PLATE BEFORE TIGHTENING THE TOP NUTS.
- TO PROVIDE A SEAL AGAINST BLOWN DUST, PLACE A RING OF EXPANDING FOAM SEALER BY ACCESSING THE SERVICE PORTAL OPENING. LEAVE THE ENTIRE FRONT WIDTH OF THE LEVELING NUTS VISIBLE AFTER ITS PLACEMENT.
- ENSURE ANCHOR BOLTS CONFORM TO ASTM F 1554 SUPPLEMENTARY REQUIREMENT S5, GRADE 105 FOR CHARPY IMPACT REQUIREMENTS AT -20 DEGREES F. PROVIDE ANCHOR BOLT'S CERTIFIED TEST REPORTS TO THE STATE BRIDGE ENGINEER BEFORE SHIPMENT OF BOLTS.
- 11) AN EIGHT-SIDED BASE PLATE MAY BE SUBSTITUTED FOR A 36" DIAMETER CIRCULAR BASE PLATE, ENSURE MINIMUM DISTANCE FROM CENTERLINE BOLT HOLE TO EDGE OF PLATE IS 3" FOR THE EIGHT-SIDED BASE PLATE. MILL THE SURFACE AROUND EACH BOLT HOLE TO ENSURE THE BASE PLATE IS FLAT AND SMOOTH FOR ANCHOR BOLT NUTS AND WASHERS.
- 12) ENSURE SERVICE PORTAL IS CENTERED BETWEEN ANCHOR BOLTS AS SHOWN IN SECTION A-A AND THIS INFORMATION IS SHOWN ON SHOP DRAWINGS.



BASE PLATE 2½" x 36" OD

& 20.50" (MIN) ID

€ SERVICE PORTAL (SEE NOTE NO.12)

120' POLE DATA **‡ TUBE DIMENSIONS FOR THREE SECTION POLE ‡TUBE DIMENSIONS FOR FOUR SECTION POLE** MINIMUM MINIMUM SECTION SECTION BASE TOP **BASE** TOP WALL WALL SECTION DIAMETER DIAMETER LENGTH SECTION DIAMETER DIAMETER **LENGTH** HICKNESS THICKNESS 0.3750" 24.25" 17.61" 47'-5" 0.3750" 24.25" 20.35" 27'-10" Α 18.59" 12.10" 46'-4" 21.54" 16.11" 38'-9" 0.3125" 0.2500" В В 12.91" 8.43" 32'-0" 0.2391" 17.04" 12.28" 34'-0" 0.2391" С С 12.98" 8.92" 29'-0" 0.1793"

HOLE FOR

22.50°

SECTION A-A

ANCHOR BOLT

POLE SECTION A

**REVISIONS** WYOMING DEPARTMENT OF TRANSPORTATION REVISED ANCHOR BOLT PROJECTION LENGTH 07-SEP-06 ADDED MINIMUM INSTALLATION OVERLAP LENGTHS 07-SEP-06 ADDED BOLT PROJECTION BELOW RING PLATE AND NOTE NO. 12.

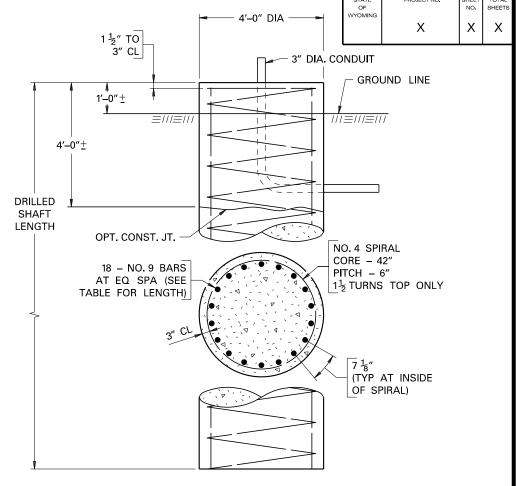
27-JUI Y-09

HIGH MAST LIGHTING STANDARD DETAILS

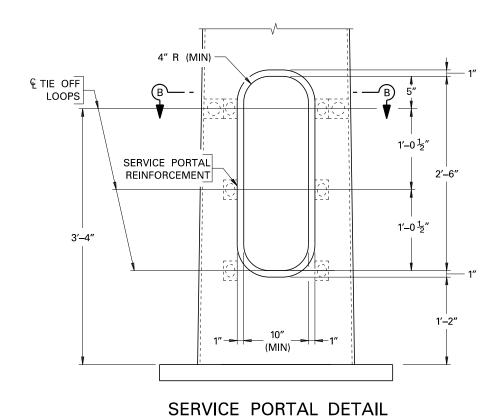
DATE: 27-JULY-09 DRAWN BY: LAF / TEW / LAC CHKD BY: PDH / JRB SHEET 1 OF 2

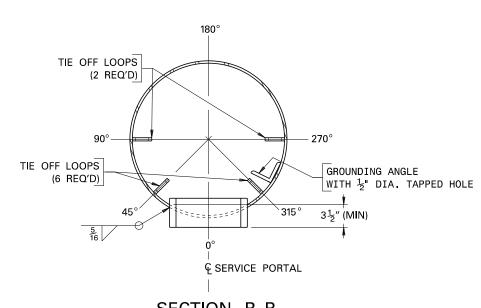
himaste03 1

DRILLED SHAFT DATA					
DRILLED SHAFT LENGTH	VERTICAL REINFORCING LENGTH	SPIRAL TURNS	NOTES		
	SHAFT	SHAFT REINFORCING	DRILLED VERTICAL SPIRAL SHAFT REINFORCING TURNS		



## DRILLED SHAFT FOUNDATION

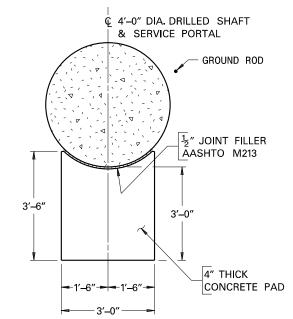




SECTION B-B (SHOWING TIE OFF LOOPS ORIENTATION)

NOTE: 1) SEE SPECIAL PROVISION FOR "HIGH MAST LIGHTING" FOR ADDITIONAL REQUIREMENTS FOR SERVICE PORTAL.

2) SEE SHEET NO.1 FOR LOCATION OF CONCRETE PAD.



CONCRETE PAD DETAIL

REVISIONS	WYOMING DEPARTMENT OF TRANSPORTATION					
REVISED LOCATION OF TIE OFF LOOPS 07-SEP-06	HIGH MAST LIGHTING					
TIE OFF LOOPS ADDED	STANDARD DETAILS					
ADDED BOLT PROJECTION BELOW	DRAWN BY: LAF / TEW / LAC	DATE: 27-JULY-09				
RING PLATE AND NOTE NO.12. 27–JULY–09	CHKD BY: PDH / JRB	SHEET 2 OF 2				

HIMASTE03\_2.DGN