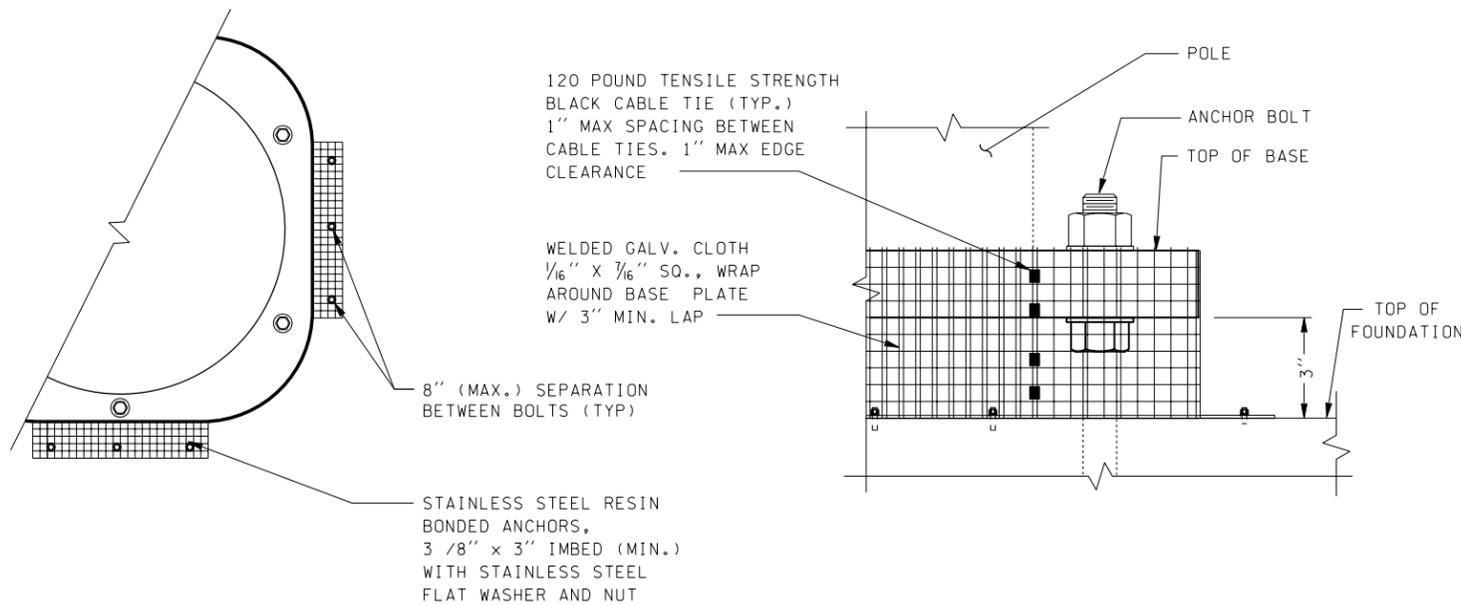
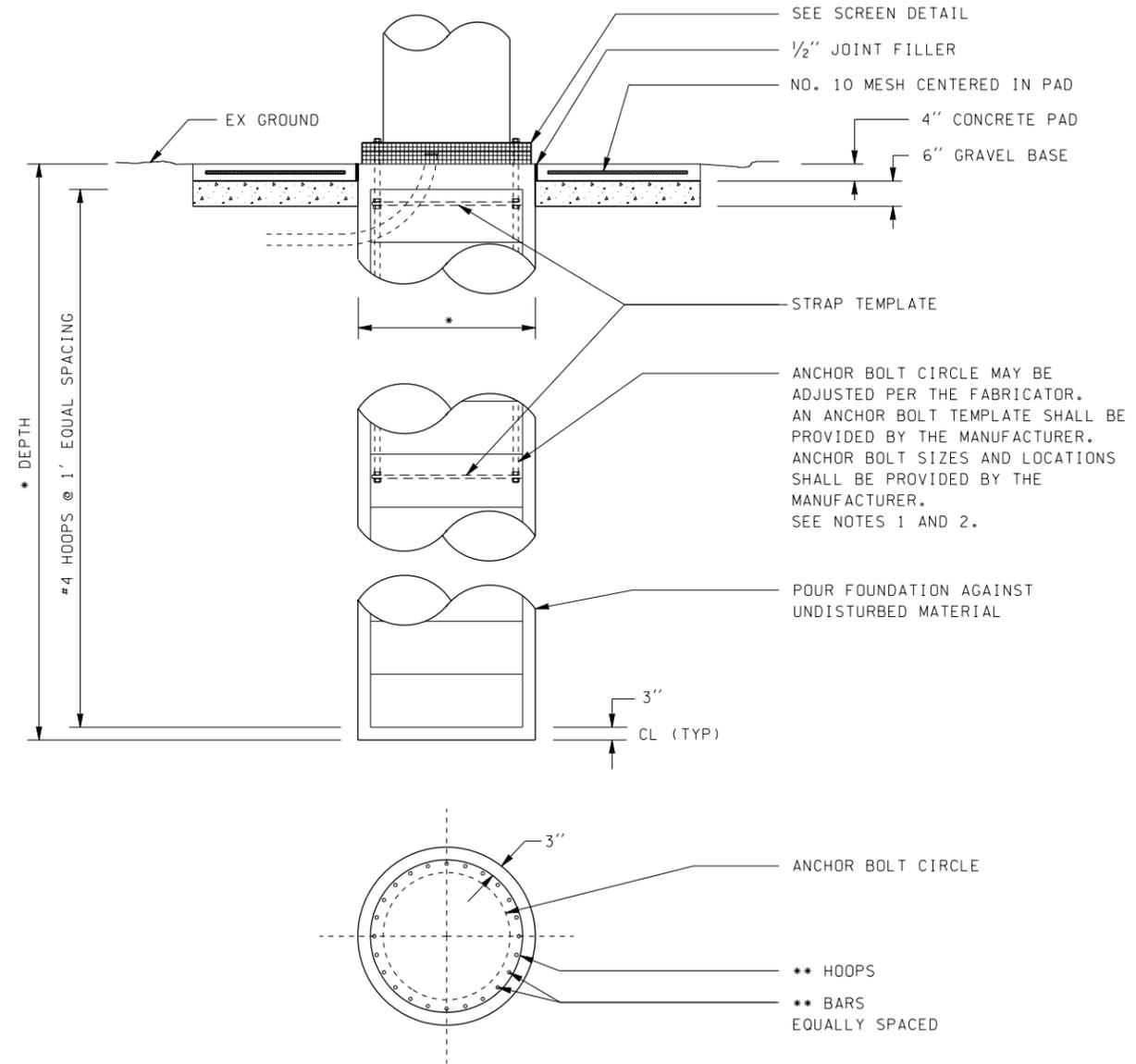
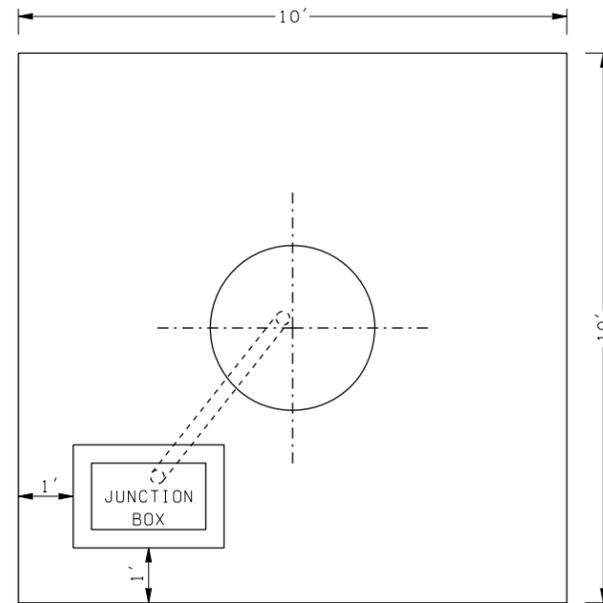


NOTES:

- USE TWO TEMPLATES TO LOCATE ANCHOR BOLTS IN PLACE DURING FOUNDATION INSTALLATION. TEMPLATES SHALL BE HELD IN PLACE BY NUTS 6" FROM THE TOP OF THE FOUNDATION, AND AT THE BOTTOM OF ANCHOR BOLTS RESTING ON 4" x 3/8" SQUARE WASHERS.
- THE TOP OF THE ANCHOR ROD SHALL BE BOTH THREADED AND GALVANIZED A MINIMUM OF 12". THE BOTTOM OF THE ANCHOR ROD SHALL BE THREADED A MINIMUM OF 3". GALVANIZING SHALL BE IN ACCORDANCE WITH AASHTO M111 AFTER THREADING. HOOKED ANCHOR BOLTS ARE NOT ALLOWED.
- DRILLING THROUGH REINFORCING STEEL IS NOT ALLOWED. IF STEEL IS HIT WHILE DRILLING, THE LOCATION SHALL BE MOVED AND THE HOLE FILLED WITH GROUT CONFORMING TO SECTION 6-02.3(20). THERE SHALL BE A MINIMUM 3" EDGE DISTANCE TO THE CENTERLINE OF ANCHOR HOLES IN CONCRETE. MOUNT THE WELDED GALVANIZED CLOTH USING AN APPROVED RESIN BONDED ANCHOR SYSTEM, INSTALLED PER MANUFACTURERS RECOMMENDATION IN DRY CONDITIONS.

NOTE TO DESIGNER:
 • FOUNDATION DIAMETER AND DEPTH IS BASED ON SOIL BEARING PRESSURE, SLOPE AND HEIGHT OF POLE. PROVIDE THAT INFORMATION TO BRIDGE AND STRUCTURES AND REQUEST FOUNDATION DESIGN.
 •• THE NUMBER AND SIZE OF THE HORIZONTAL AND VERTICAL BARS ARE A FUNCTION OF SOIL BEARING PRESSURE AND POLE HEIGHT. COMPLETE PER BRIDGE DESIGN.



SCREEN DETAILS

GENERAL NOTES:

ALLOWABLE LATERAL LOAD BEARING CAPACITY OF SOIL IS TAKEN AS 2000 PSF. GEO-TECHNICAL SHALL VERIFY SOIL BEARING CAPACITY. THE FOUNDATION DEPTH SHALL BE VERIFIED BY THE ENGINEER. CONTACT BRIDGE FOR FOUNDATION ON A SLOPE.

HIGH MAST LUMINAIRE SUPPORT FOUNDATION DETAILS

FILE NAME	S:\414126\Electrical\MASTER_FILES\DETAILS Homepage\highmastlum.dgn			REGION NO.	STATE	FED.AID PROJ.NO.	Washington State Department of Transportation	HIGHMAST LUMINAIRE	PLOT2
TIME	9:28:08 AM			10	WASH			5.41	
DATE	3/23/2006			JOB NUMBER				SHEET	
PLOTTED BY	tr inhha			CONTRACT NO.		LOCATION NO.		OF	
DESIGNED BY				DATE	1-17-06	BY	JH	SHEETS	
ENTERED BY									
CHECKED BY									
PROJ. ENGR.	NEW DETAIL								
REGIONAL ADM.	REVISION								