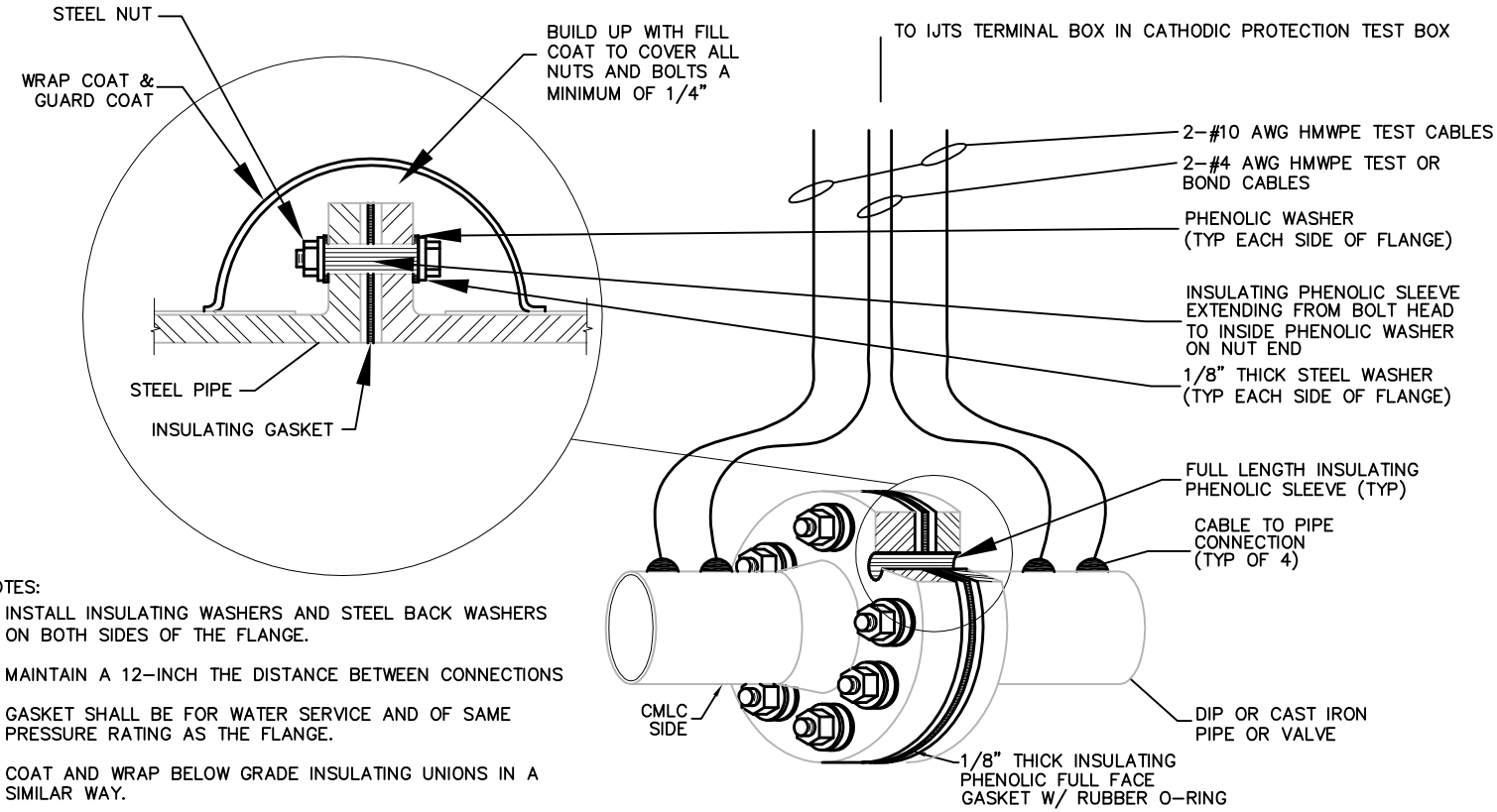
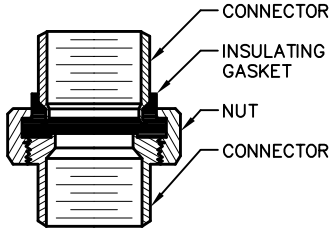


INSULATINGFLANGE

NOTES:

1. INSTALL INSULATING WASHERS AND STEEL BACK WASHERS ON BOTH SIDES OF THE FLANGE.
2. MAINTAIN A 12-INCH THE DISTANCE BETWEEN CONNECTIONS
3. GASKET SHALL BE FOR WATER SERVICE AND OF SAME PRESSURE RATING AS THE FLANGE.
4. COAT AND WRAP BELOW GRADE INSULATING UNIONS IN A SIMILAR WAY.
5. FOR THE INSULATING UNION, UNION CONNECTORS MUST BE SAME MATERIAL AS CONNECTING PIPES AND NUT MUST BE SAME MATERIAL AS THREADED CONNECTOR.



INSULATING UNION

X
XX

BELOW GRADE INSULATING FLANGE OR INSULATING UNION DETAIL

SCALE: NONE

SEE RELATED DETAILS U103 & U116

LBNL STANDARD

BELOW GRADE INSULATING FLANGE OR INSULATING UNION DETAIL

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY NATIONAL LABORATORY

FACILITIES DIVISION

DRAWN BY	
CHECKED BY	
APPROVED BY	
CAD FILE PATH	
SCALE	NTS
DRAWING NO.	U104
PROJECT NO.	
DATE	
SHEET	

G:\Capital Projects\Procedures, Standards & Forms\Standards\CDDG\CDDG_Vol 3_Const_Dts\Part-I - Civil_Site\SiteUtilities\U104 BELOW GRADE INSULATING FLANGE OR INSULATING UNION DETAIL.dwg