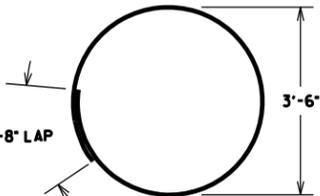
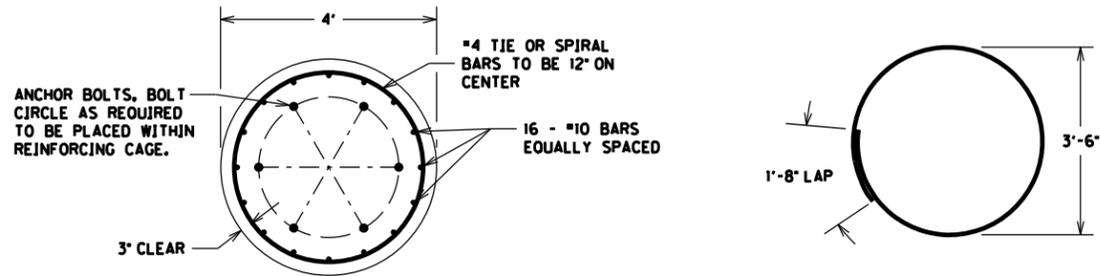


BASE DESIGN FOR UP TO 120' HIGH MAST POLES (WITH A MAXIMUM OF TWELVE LUMINAIRES)

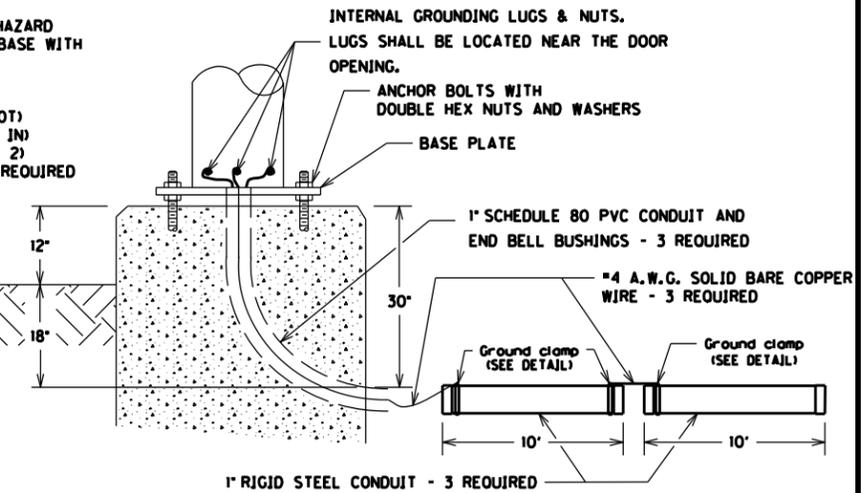
COUNTY OF	ITEM NO.	SHEET NO.



BENDING DETAIL FOR #4 TIE BARS

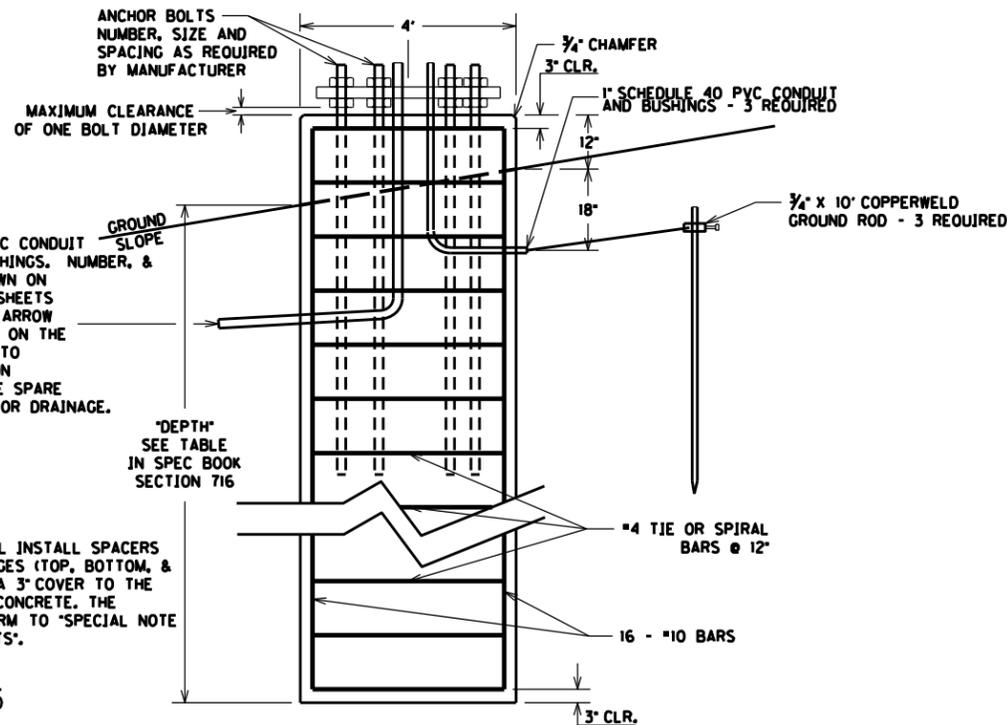
NOTE:
THE HIGH MAST DOOR SHALL HAVE A 4" BY 6" ARC FLASH WARNING STICKER. THE STICKER SHALL BE METALCRAFT PLY695 PREM STYLEMARK LABEL WITH .007 THICKNESS, WITH UV WHITE POLYCARBONATE MATERIAL, AND WITH MC53FL PRESSURE SENSITIVE ADHESIVE OR APPROVAL EQUAL. THIS SHALL BE INCIDENTAL TO THE PROJECT.

SPECIAL NOTE FOR HIGHMAST DOOR:
FURNISH AN ARC FLASH AND SHOCK HAZARD WARNING STICKER ON TRANSFORMER BASE WITH THE FOLLOWING INFORMATION:
VOLTAGE (480 VOLT)
GLOVE CLASS (0)
LIMITED APPROACH BOUNDARY (10 FOOT)
RESTRICTED APPROACH BOUNDARY (12 IN)
MINIMUM CLOTHING ARC RATING (CAT 2)
SEE NFPA 70E FOR ADDITIONAL PPE REQUIRED



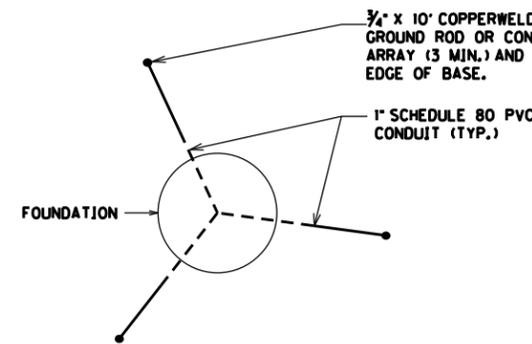
GROUNDING NOTE: TOWERS SHALL BE GROUNDED BY MEANS OF THREE NO. 4 A.W.G. SOLID BARE COPPER GROUND WIRES ATTACHED TO THE INTERNAL GROUNDING LUGS WITHIN THE TOWER. GROUND WIRES SHALL BE CONNECTED TO PIPE CLAMPS AS SHOWN ABOVE.

GROUNDING AND CONDUIT ARRAY ENTRANCE DETAIL FOR ROCK AREAS



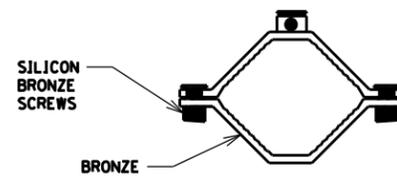
BASE DETAIL

NOTES:
ALL CONDUITS SHALL BE INSTALLED AT LEAST 6 INCHES FROM THE BOTTOM OF THE DOOR FRAME. ALL CONDUITS USED FOR THE GROUNDING AND CONDUCTORS ARE INCIDENTAL TO BID ITEM "23161EN". THIS INCLUDES PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE POLE BASE.

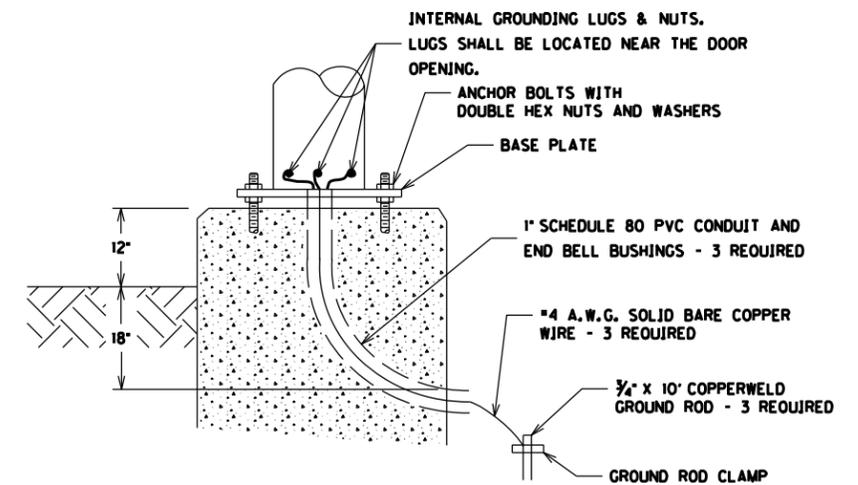


TOWER HAND HOLES SHALL BE ON THE DOWN-SLOPE SIDE OF THE TOWER

GROUND ROD PLACEMENT DETAIL



DIRECT BURIAL GROUND CLAMP



GROUNDING NOTE: TOWERS SHALL BE GROUNDED BY MEANS OF THREE NO. 4 A.W.G. SOLID BARE COPPER GROUND WIRES ATTACHED TO THE INTERNAL GROUNDING LUGS WITHIN THE TOWER. GROUND WIRES SHALL BE CONNECTED TO PIPE CLAMPS AS SHOWN ABOVE.

GROUNDING AND CONDUIT ENTRANCE DETAIL

HIGHMAST BASE DETAIL

FILE NAME: C:\P\WORK\TED.SWANSEGAR\DM528754\04_09-HM BASE (HM).DCN

USER: Ted.Swansegar
DATE PLOTTED: July 26, 2022

E-SHEET NAME:

MicroStation v8.11.9.832
7/26/2022