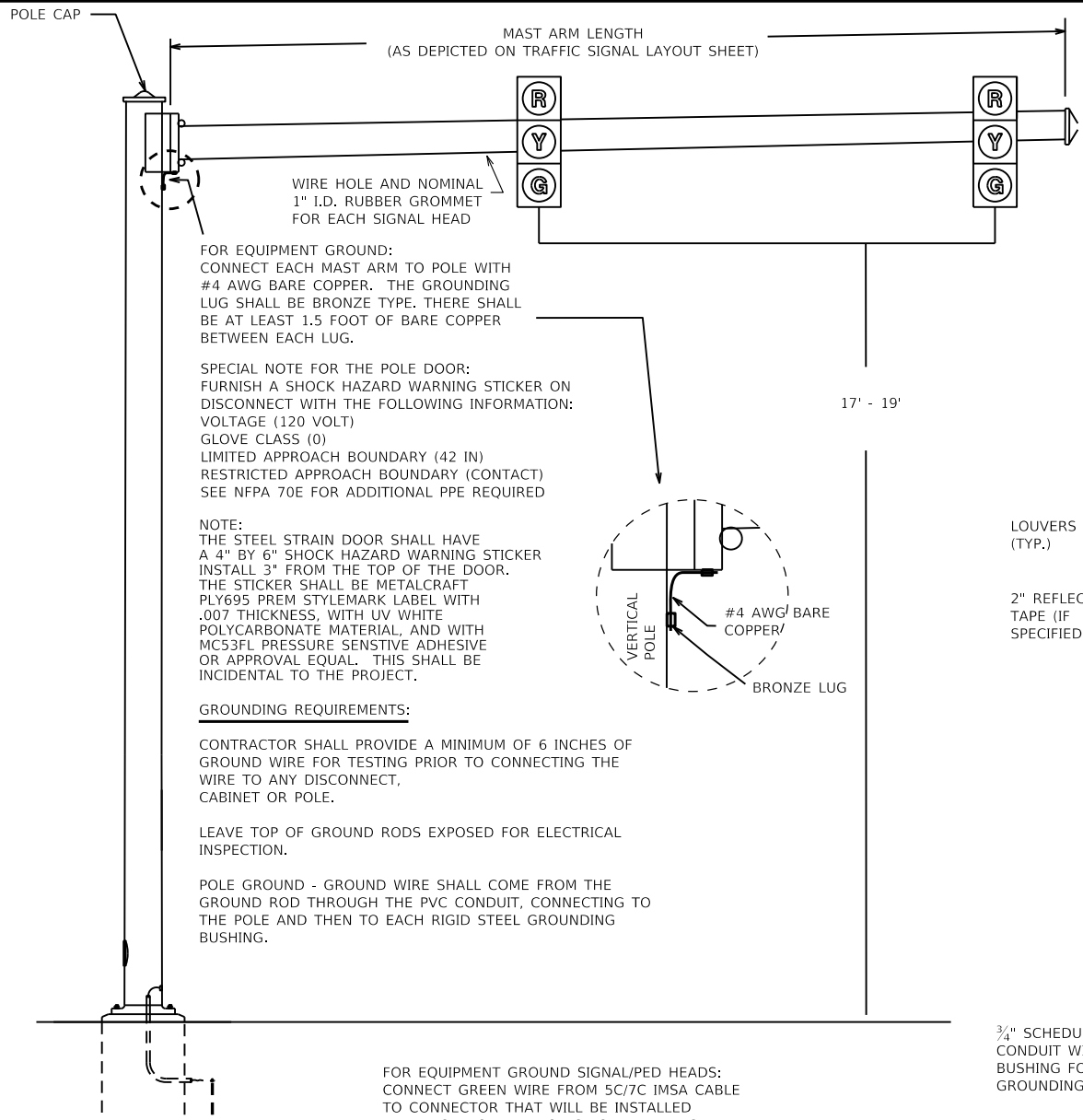


FILE NAME: C:\USERS\JESSICA.GOODWIN\DESKTOP\08-MAST ARM MONO (MA).DGN

USER: Jessica Goodwin
DATE PLOTTED: July 7, 2023

E-SHEET NAME:
OpenRoads Designer v23.00.01.11



MONOTUBE MAST ARM POLE DETAIL

NOTES:

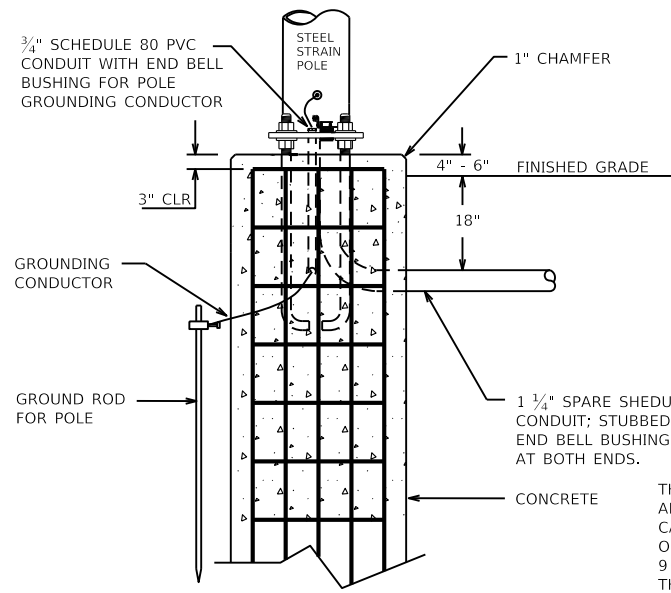
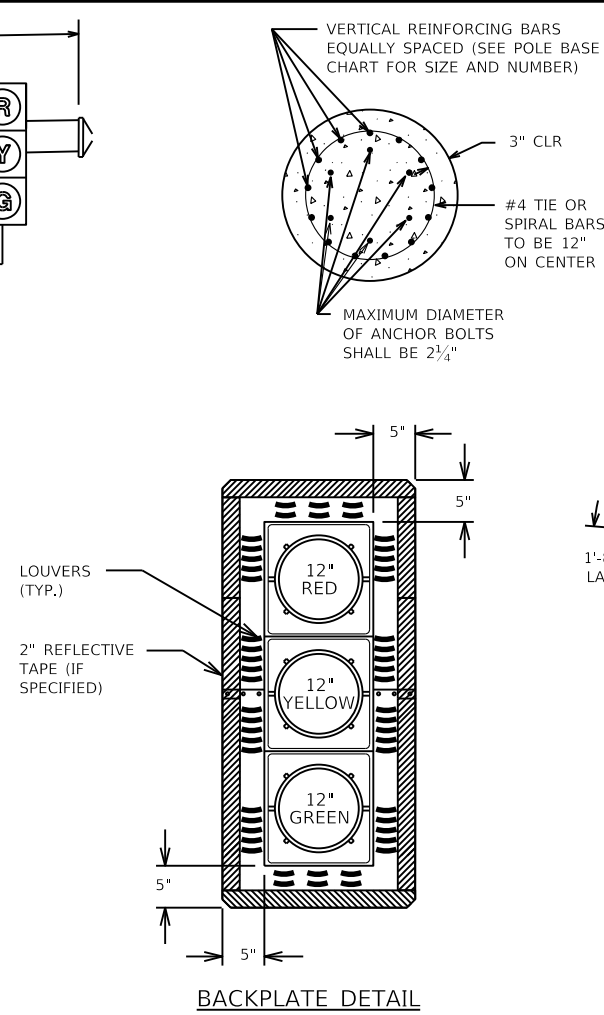
ALL CONDUITS USED FOR THE TELEPHONE, GROUNDING, SPARE, AND SERVICE THAT ARE
INSTALLED IN THE POLE BASE ARE INCIDENTAL TO BID ITEM "23157EN". THIS INCLUDES
PROVIDING A MINIMUM OF 24 INCHES OF CONDUIT PAST THE EDGE OF THE CONCRETE POLE
BASE.

ALL CONDUITS SHALL BE INSTALLED 6 INCHES ABOVE THE CONCRETE POLE BASE.

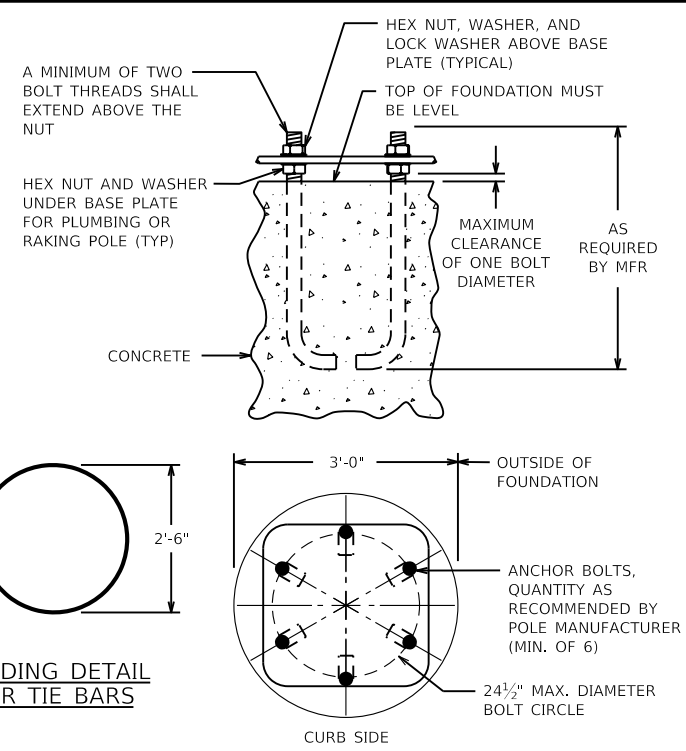
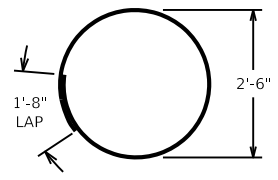
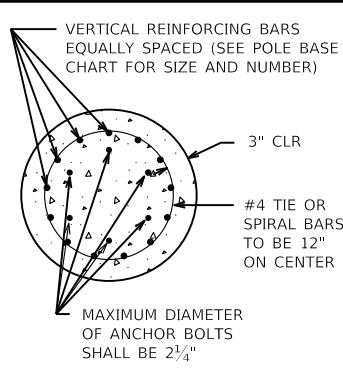
FOR POLE BASE DEPTH SEE CHART IN SECTION 723 OF THE KENTUCKY STANDARD
SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, CURRENT EDITION.

OVERHEAD SERVICE WIRES SHALL BE INSTALLED ON THE EXTERIOR OF THE POLE IN A 3/4" RIGID
STEEL CONDUIT WITH WEATHERHEAD, OR ON THE INSIDE THE STEEL STRAIN POLE IN
FLEXIBLE CONDUIT.

UNDERGROUND SERVICE WIRES SHALL BE INSTALLED IN 3/4" RIGID STEEL CONDUIT AS
SHOWN ON THE CONTROLLER CABINET DETAIL SHEET.



THE CONTRACTOR SHALL INSTALL SPACERS
ON THE POLE BASE CAGES (TOP, BOTTOM, &
SIDES) TO GUARANTEE A 3" COVER TO THE
EDGE OF THE POURED CONCRETE. THE
SPACERS SHALL CONFORM TO "SPECIAL NOTE
11C".



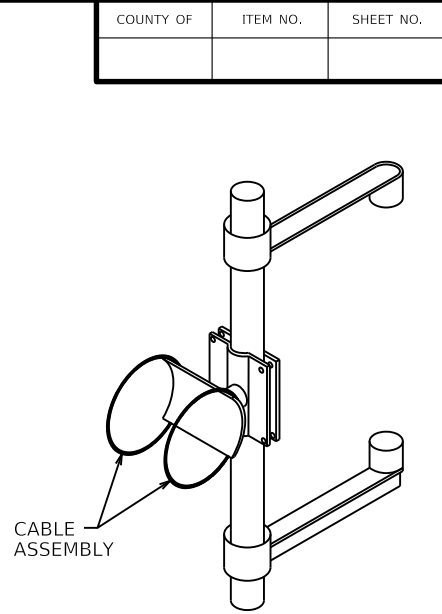
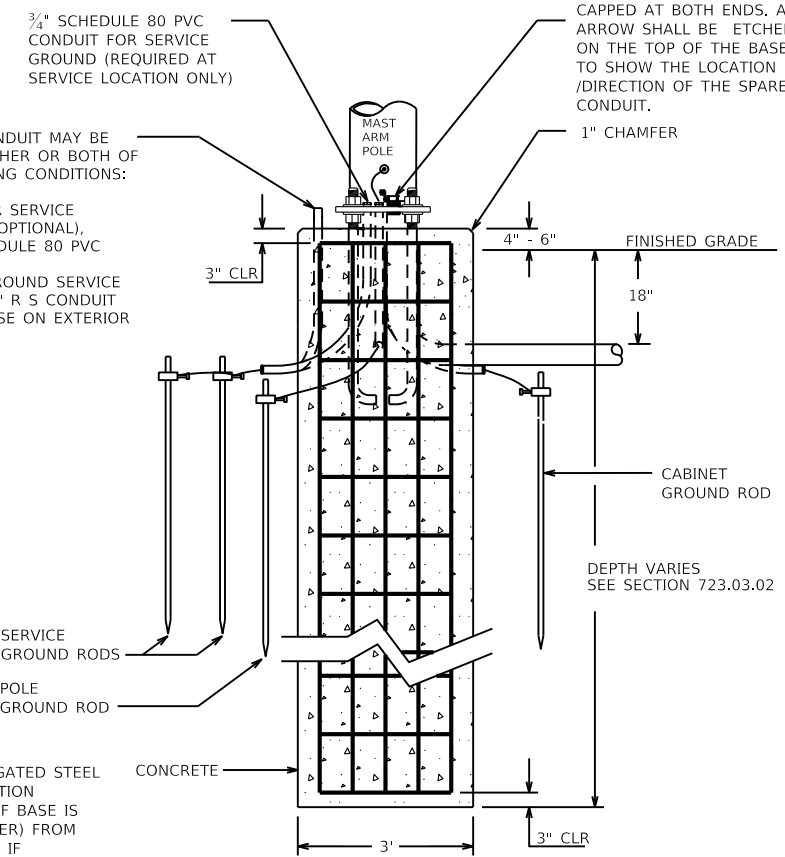
EXTERIOR CONDUIT MAY BE
USED FOR EITHER OR BOTH OF
THE FOLLOWING CONDITIONS:

FOR EXTERIOR SERVICE
GROUNDING (OPTIONAL),
USE 3/4" SCHEDULE 80 PVC

FOR UNDERGROUND SERVICE
FEEDS, USE 1" R S CONDUIT
TO METER BASE ON EXTERIOR
OF POLE

CONTRACTOR SHALL
CONFORM TO "SPECIAL
NOTE 11C FOR DRILLED
SHAFTS"

THE CONTRACTOR SHALL
ADD A 16-GAUGE CORRUGATED STEEL
CASING TO THE INSTALLATION
OF THE NEW POLE BASE IF BASE IS
9 FEET (CENTER TO CENTER) FROM
THE EXISTING POLE BASE. IF
BASE IS WITHIN 6 FOOT (CENTER
TO CENTER), ANCHORS SHALL BE
INSTALL ON THE EXISTING POLE
DURING CONSTRUCTION OF THE
NEW BASE. THE CONTRACTOR
CAN REMOVE THE ANCHORS
FROM THE EXISTING POLE WITH
THE ENGINEERS' APPROVAL. THE
CASING SHALL BE INCIDENTAL TO
THE INSTALLATION OF THE
POLE BASE.



MAST ARM DETAILS

9/16/2025