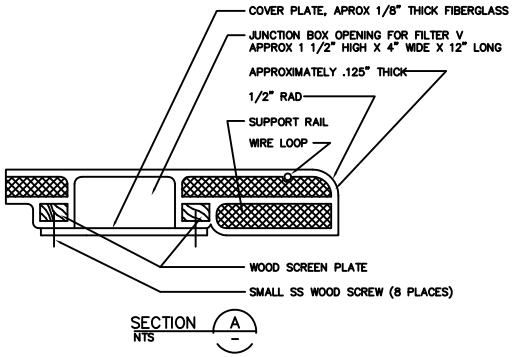
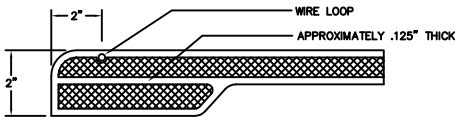


SECTION A
NTS



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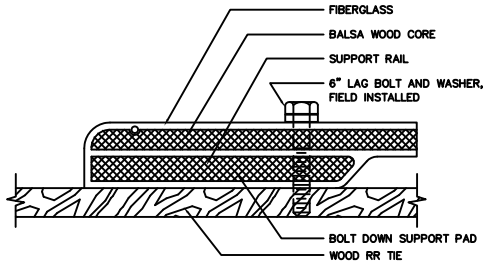

SECTION C
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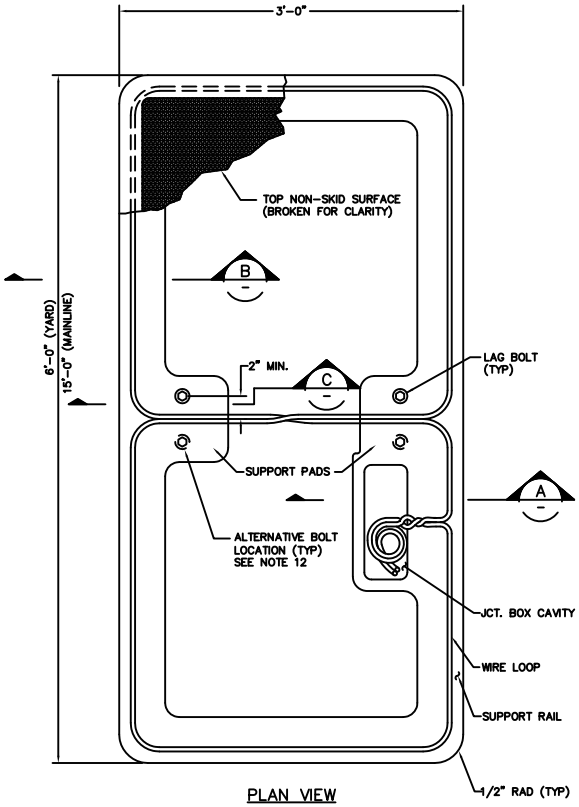

PLAN VIEW

TWC LOOP 1
NTS

NOTES:

1. TWC LOOP ANTENNAS SHALL BE 3' X 6' FOR YARD SWITCH APPLICATIONS AND 3' X 15' FOR MAIN LINE APPLICATIONS. OTHER CUSTOM SIZES AVAILABLE.
2. LOOP ANTENNA CONSTRUCTION SHALL BE OF FIBERGLASS AND WOOD.
3. METAL COMPONENTS ARE NOT PERMITTED, OTHER THAN LAG BOLTS AND CONCRETE EXPANSION BOLTS.
4. TOTAL WEIGHT SHALL NOT EXCEED 100 LBS FOR THE 6' LOOP AND 200 LBS FOR THE 15' LOOP.
5. THE LOOP ANTENNA ASSEMBLY SHALL BE ABLE TO SUPPORT 1000 LBS IN A 3 FT OUTSIDE SUPPORTED SPAN.
6. TOP SHALL BE MOLDED WITH AN AGGRESSIVE NON-SKID TEXTURE.
7. TOP TO INCLUDE 1/2" CROWN ALONG THE LONG AXIS OF THE LOOP.
8. OUTSIDE FINISH SHALL BE SKY CAP GRAY GELCOAT OR EQUIVALENT. FINISH THICKNESS SHALL BE 20 THOUSANDS OF ONE INCH MINIMUM.
9. A JUNCTION BOX CAVITY TO BE MOLDED INTO LOOP ASSEMBLY. A COVER PLATE SHALL COVER JUNCTION BOX CAVITY ATTACHED BY EIGHT (8) SS SCREWS. COVER PLATE SHALL ALLOW LIQUID-TITE FLEX CONDUIT ATTACHMENT.
10. LOOP WIRE TO BE PLACED 2" OFFSET FROM OUTSIDE EDGE OF ASSEMBLY. LOOP WIRE TO CROSS AT CENTER AND TERMINATE AT JUNCTION BOX CAVITY WITH 36" OF EXTRA LEAD. LEADS TO BE TWISTED FROM LOOP CLOSING TO JUNCTION BOX.
11. LOOP WIRE SHALL BE AWG
12. SUPPORT RAILS SHALL BE MOLDED INTO ASSEMBLY OUTER EDGES. SUPPORT PADS TO ALLOW FOR FIELD INSTALLATION OF TWO LAG BOLTS PLACED A MINIMUM OF 2" EITHER SIDE OF WIDTH CENTERLINE AND 6" FROM OUTSIDE EDGE.

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PROJECT:
STD TWC-LOOP
DATE:
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SHEET
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