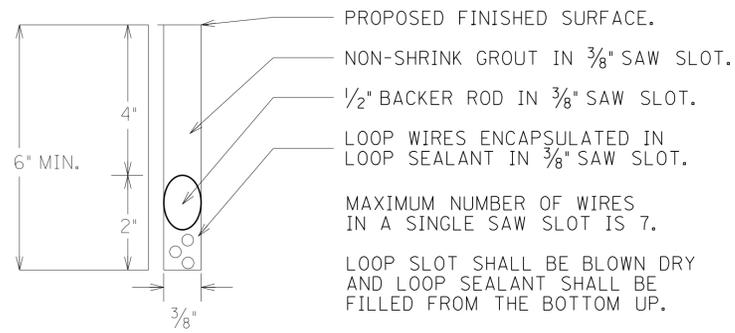
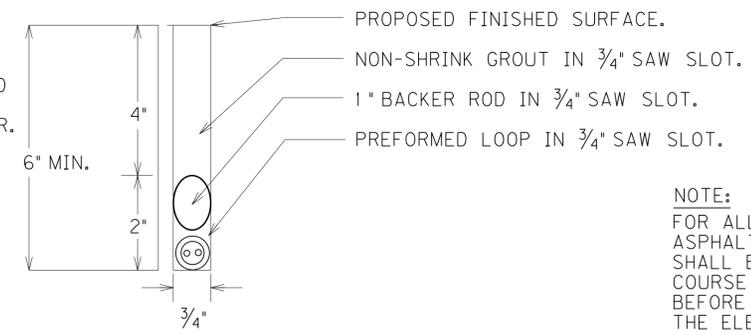


LOOP WIRES SHALL BE ENCAPSULATED WITH LOOP SEALANT PER MANUFACTURER'S INSTRUCTIONS. ALL LOOP SEALANT SHALL BE COVERED WITH A CONTINUOUS LAYER OF BACKER ROD. BACKER ROD SHALL BE INSTALLED SUCH THAT NO VOIDS ARE PRESENT BETWEEN LOOP SEALANT AND BACKER ROD. FILL REMAINING SAW SLOT WITH NON-SHRINK GROUT PER MANUFACTURER'S INSTRUCTIONS. IF LOOP IS INSTALLED AFTER FINAL SURFACE HAS BEEN APPLIED, INSTALL 1/2" OF LOOP SEALANT ON TOP OF NON-SHRINK GROUT. LOOP SEALANT SHALL BE STOPPED 1/8" BELOW FINISHED SURFACE.



SAW SLOT DETAIL FOR NON PREFORMED

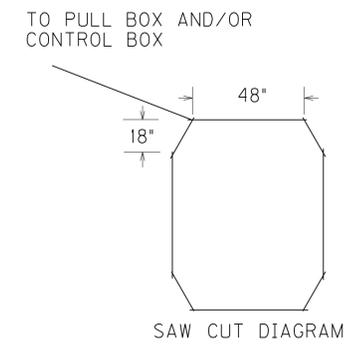
PREFORMED LOOPS SHALL BE CONSTRUCTED WITH 3/8" HEAVY DUTY REINFORCED RUBBER HOSE (CLASS A OIL RESISTANT). THE TEE SHALL BE CONSTRUCTED OF HEAVY DUTY HIGH TEMPERATURE SYNTHETIC RUBBER. STANDARD WIRE SHALL BE WATER RATED #16 THWN.



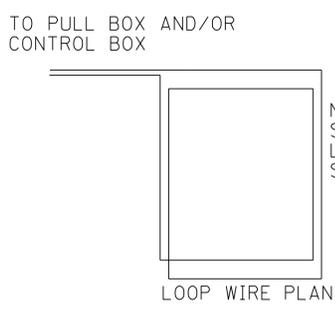
ASPHALT SAW SLOT DETAIL FOR PREFORMED

*Use detail if concrete is four inches or less

NOTE:
FOR ALL PROJECTS INVOLVING NEW ASPHALT PAVEMENT, TRAFFIC LOOPS SHALL BE INSTALLED IN THE BASE COURSE OF ASPHALT PAVEMENT JUST BEFORE FINAL SURFACE IS CONSTRUCTED. THE ELECTRICAL CONTRACTOR SHALL COORDINATE THE INSTALLATION OF TRAFFIC LOOPS WITH THE PAVING CONTRACTOR AND THE RESIDENT ENGINEER.



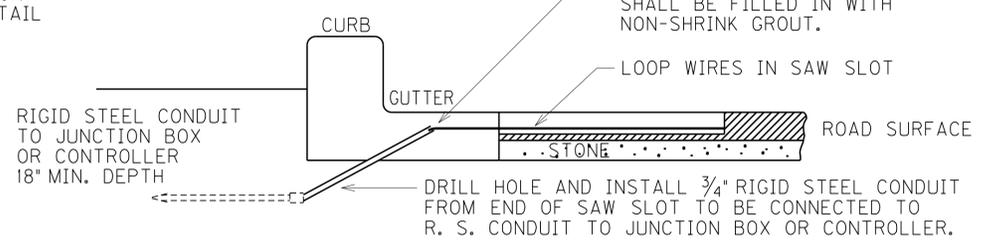
SAW CUT DIAGRAM



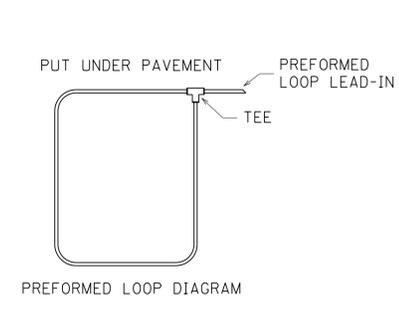
LOOP WIRE PLAN

STANDARD LOOP

*ALL 6'x6' LOOPS SHALL BE STANDARD



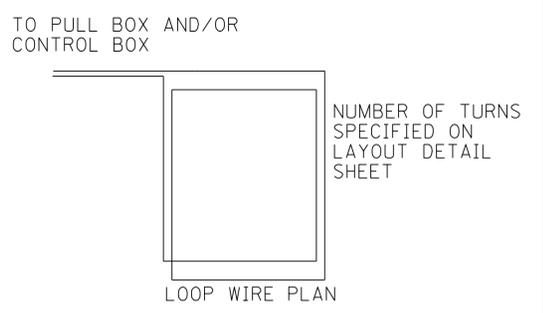
LOOP WIRE TRANSITION - CONCRETE CURB



PREFORMED LOOP DIAGRAM

STANDARD PREFORMED LOOP

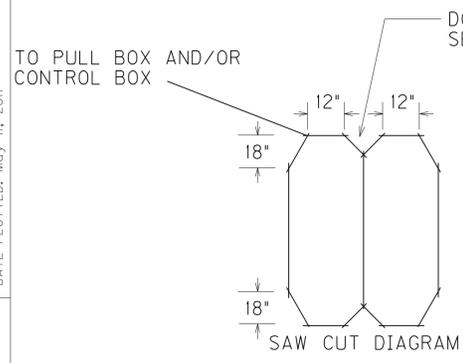
*ALL LOOPS THAT ARE NOT QUADRAPOLES SHALL BE STANDARD AND HAVE 3 TURNS



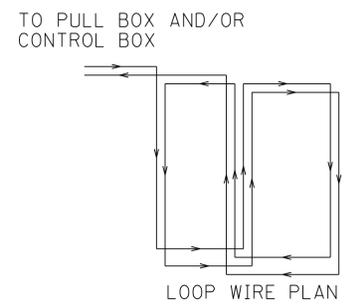
LOOP WIRE PLAN

LOOP LEAD-IN WIRES SHALL BE TWISTED WITH THREE TO FIVE TURNS PER FOOT UNTIL TERMINATED AT FIELD CONNECTIONS IN THE CABINET OR CONNECTED TO SHIELDED CABLE.

PREFORMED LOOP LEAD-IN SHALL BE TWISTED WITH THREE TO FIVE TURNS PER FOOT UNTIL TERMINATED AT FIELD CONNECTIONS IN THE CABINET OR CONNECTED TO SHIELDED CABLE.



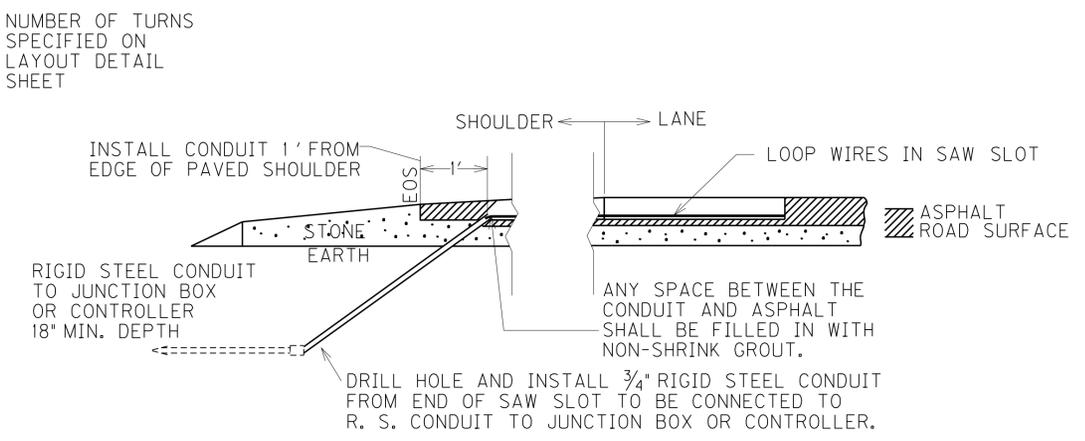
SAW CUT DIAGRAM



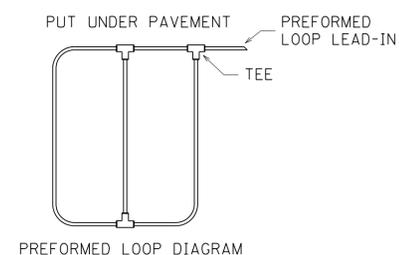
LOOP WIRE PLAN

QUADRAPOLE LOOP

*ALL 6'x30' LOOPS SHALL BE QUADRAPOLE



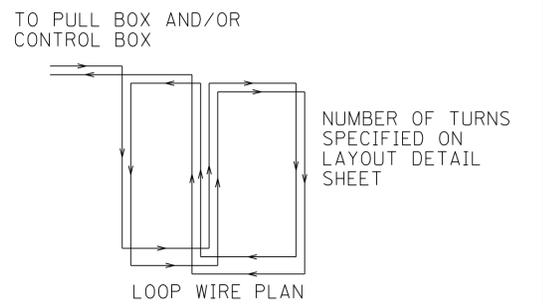
LOOP WIRE TRANSITION - FLAT SHOULDER



PREFORMED LOOP DIAGRAM

QUADRAPOLE PREFORMED LOOP

*ALL 6'x30' LOOPS SHALL BE QUADRAPOLE AND SHALL HAVE A 2-4-2 CONFIGURATION



LOOP WIRE PLAN

FILE NAME: G:\PWORK\TED.SWANEGAR\DMS28756\07-LOOPS (LP).DGN
USER: ted.swanegar
DATE PLOTTED: May 11, 2011
E-SHEET NAME:
MicroStation v8.11.7.180