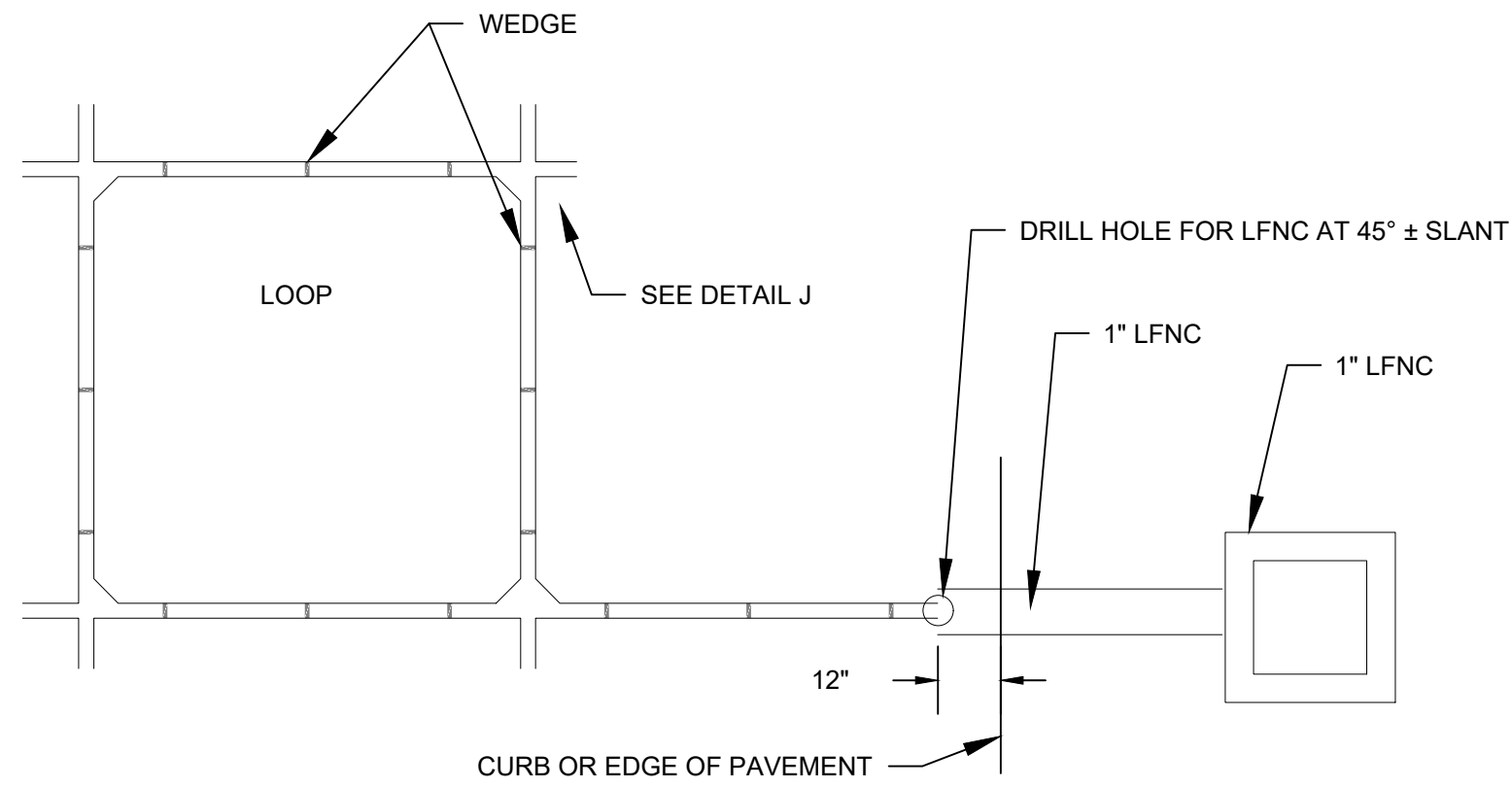
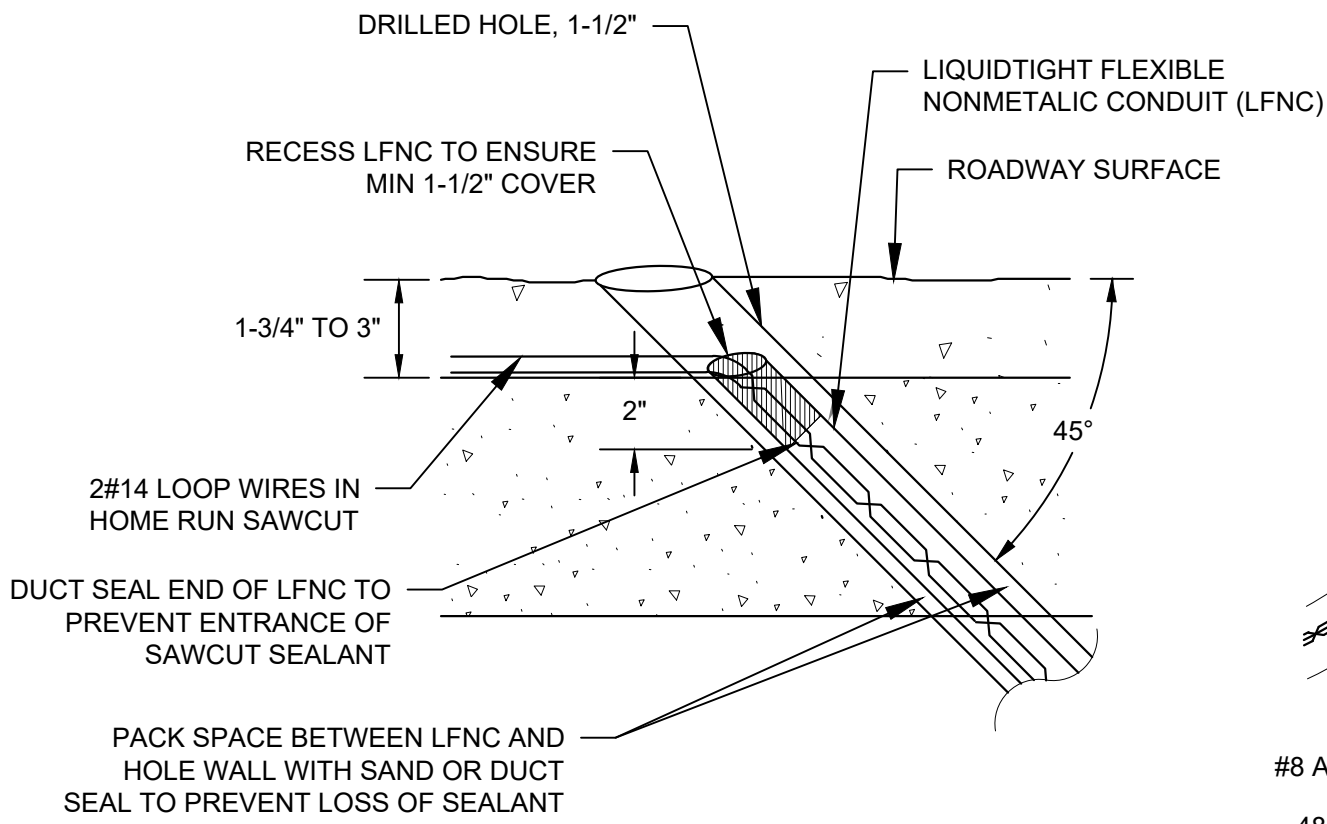
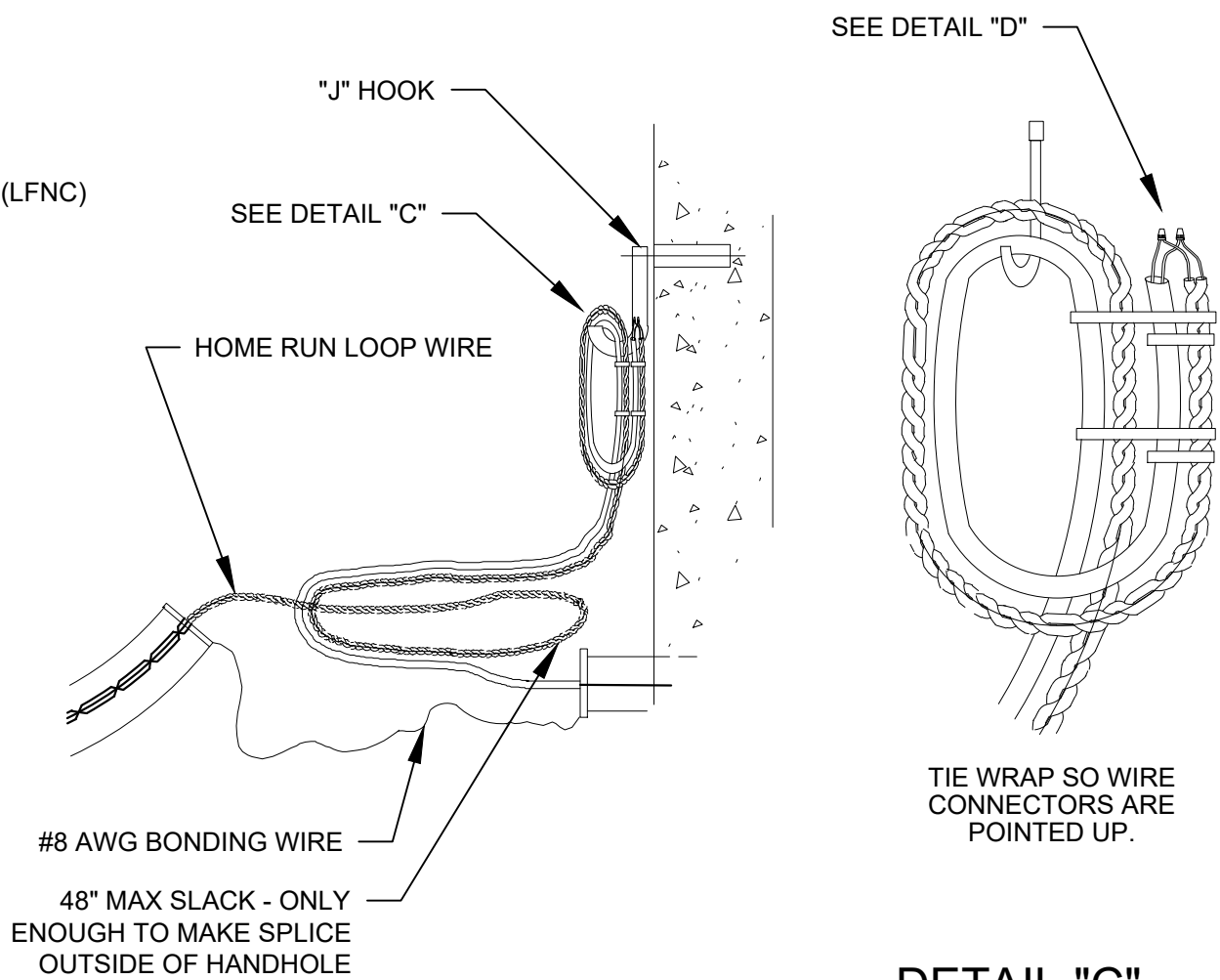




TYPICAL PLAN VIEW LOOP DETECTOR SAWCUT AND LEAD-IN

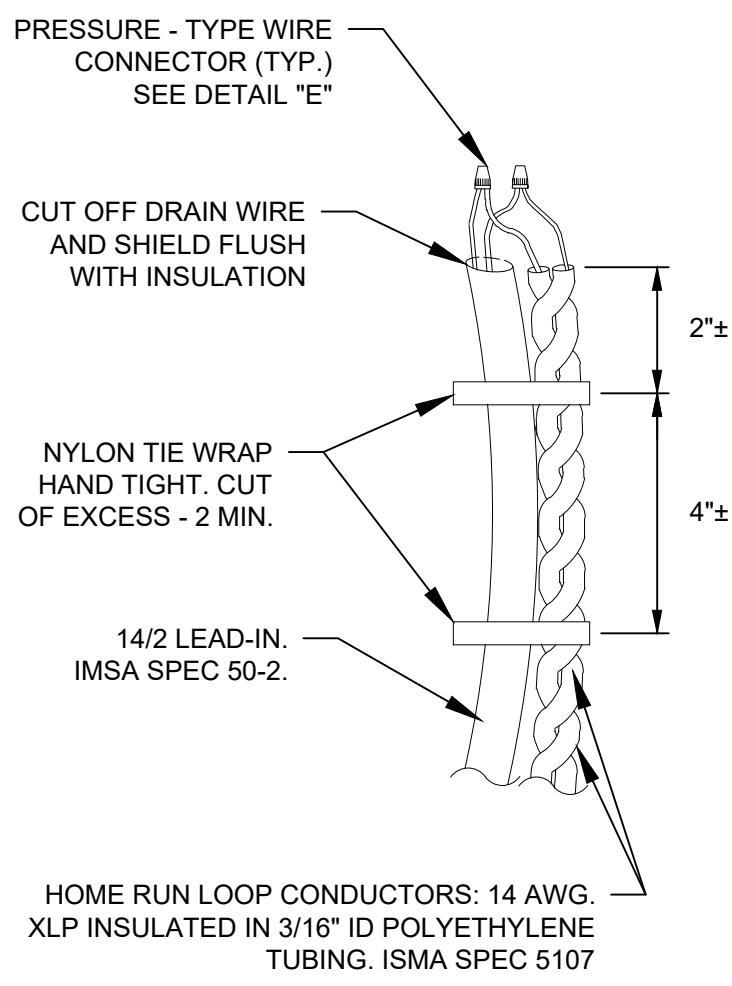


DETAIL "A"

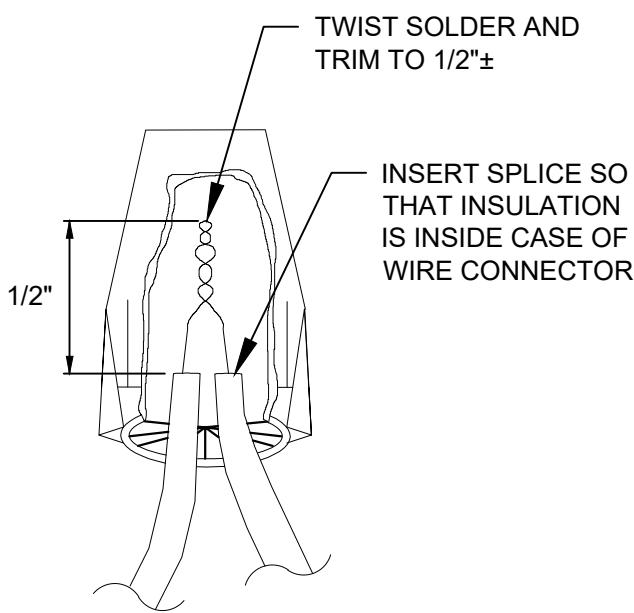


DETAIL "B"

DETAIL "C" FRONT VIEW

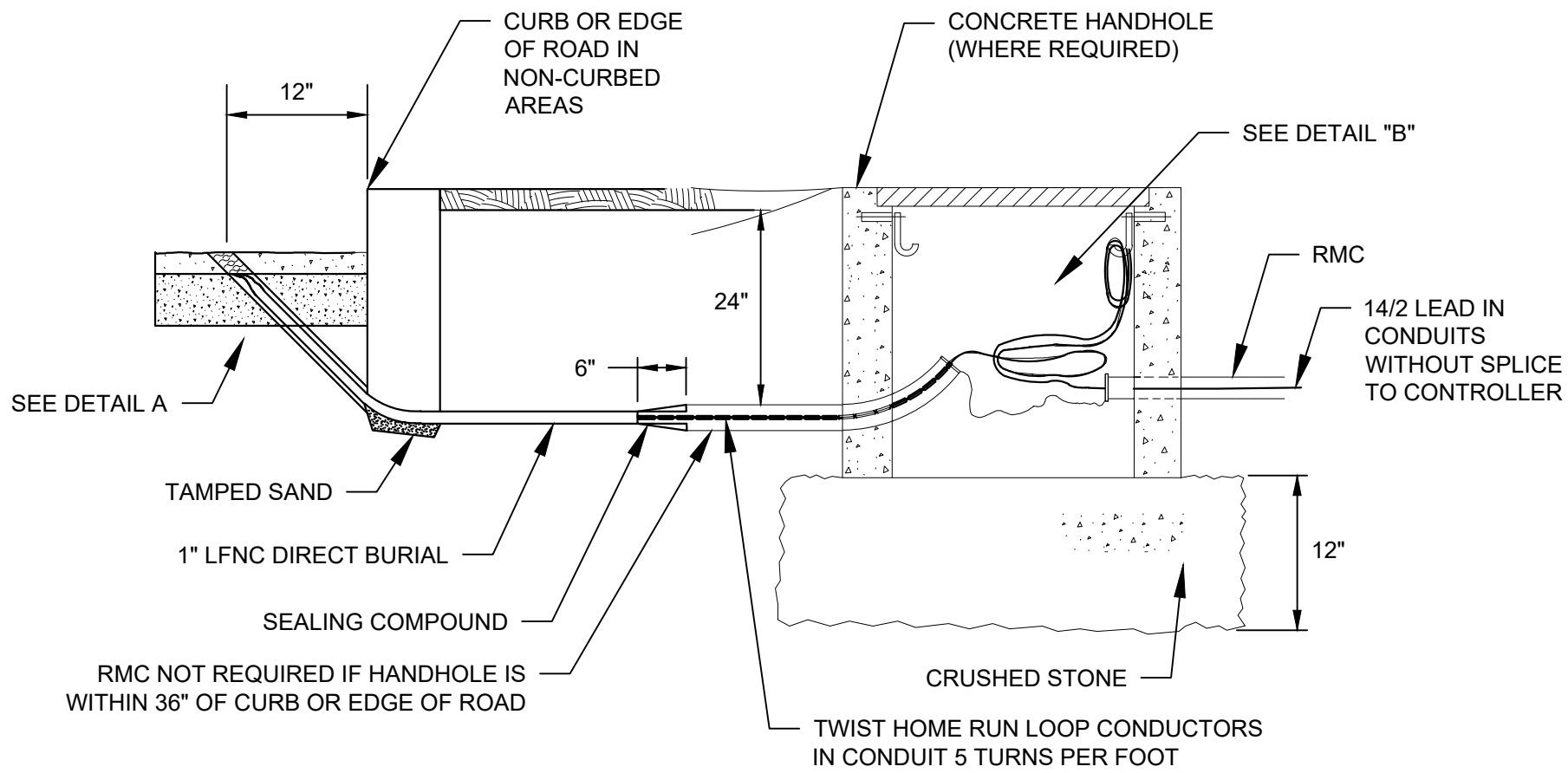


DETAIL "D"

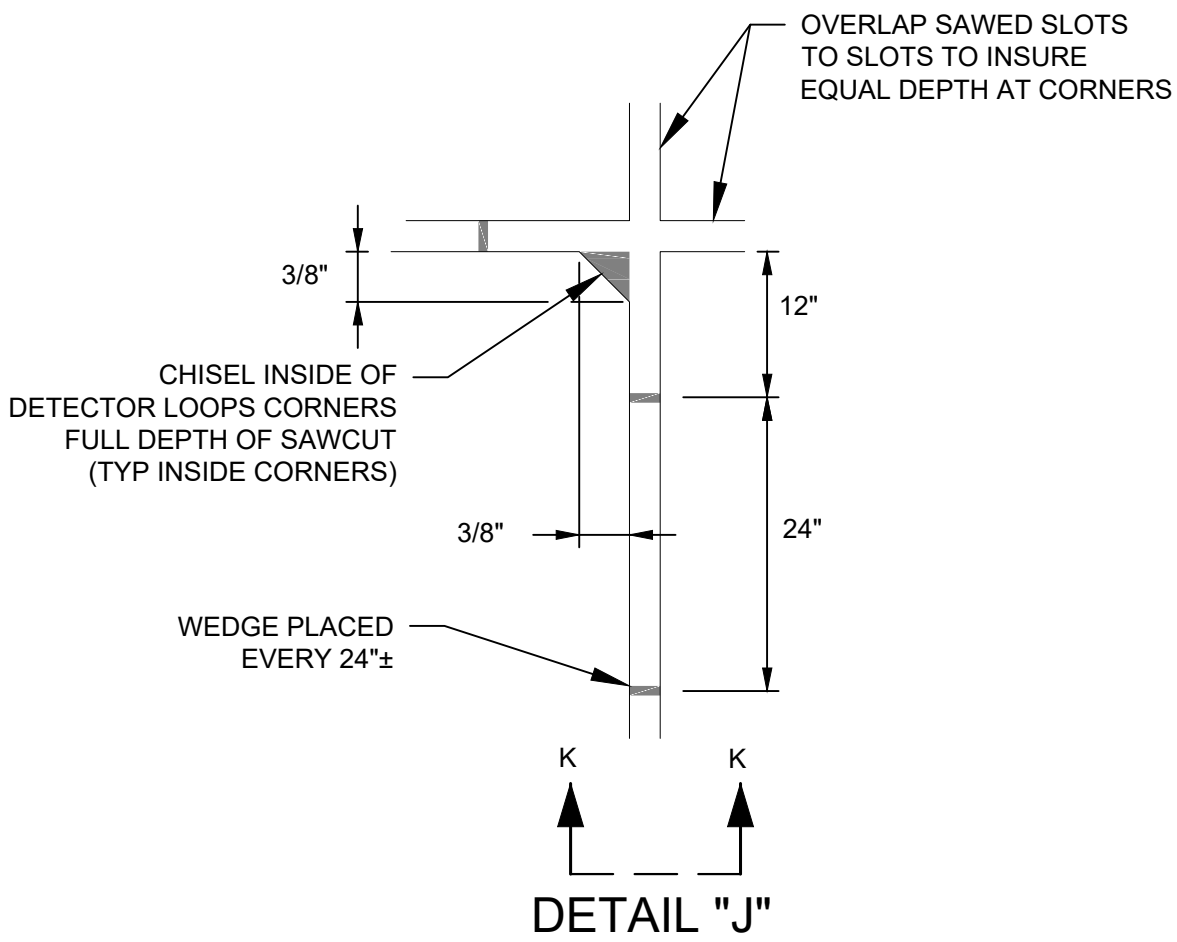


NOTE: WATER RESISTANT CONNECTOR DESIGNED FOR WET, DAMP AND CORROSIVE APPLICATIONS. ONE TIME USE ONLY. DISCARD ALL REMOVED CONNECTORS.

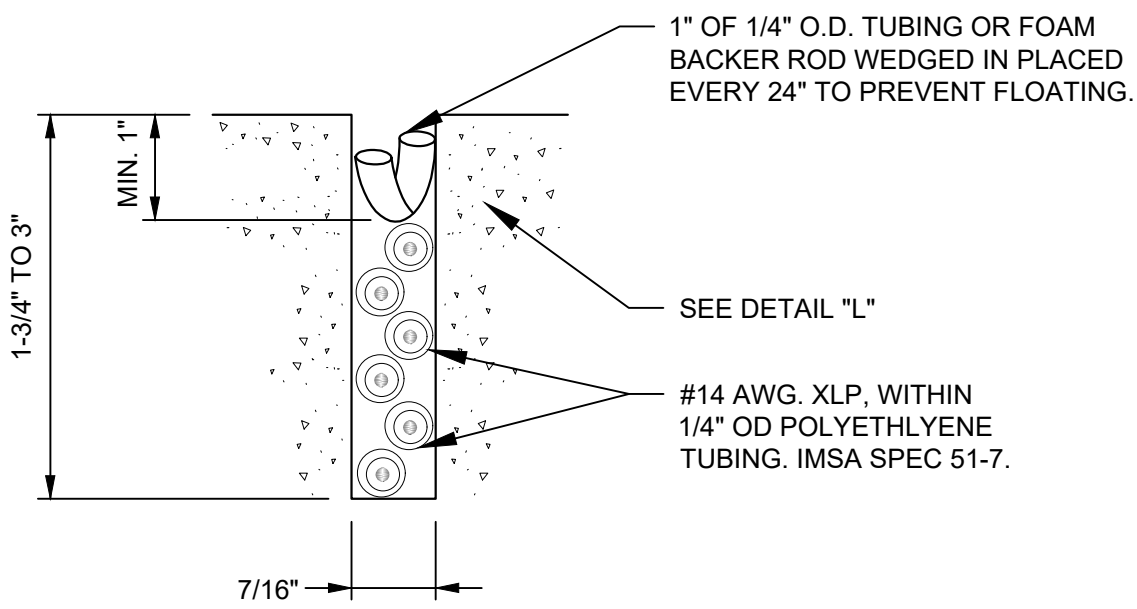
DETAIL "E"



TYPICAL ELEVATION VIEW LOOP DETECTOR LEAD-IN

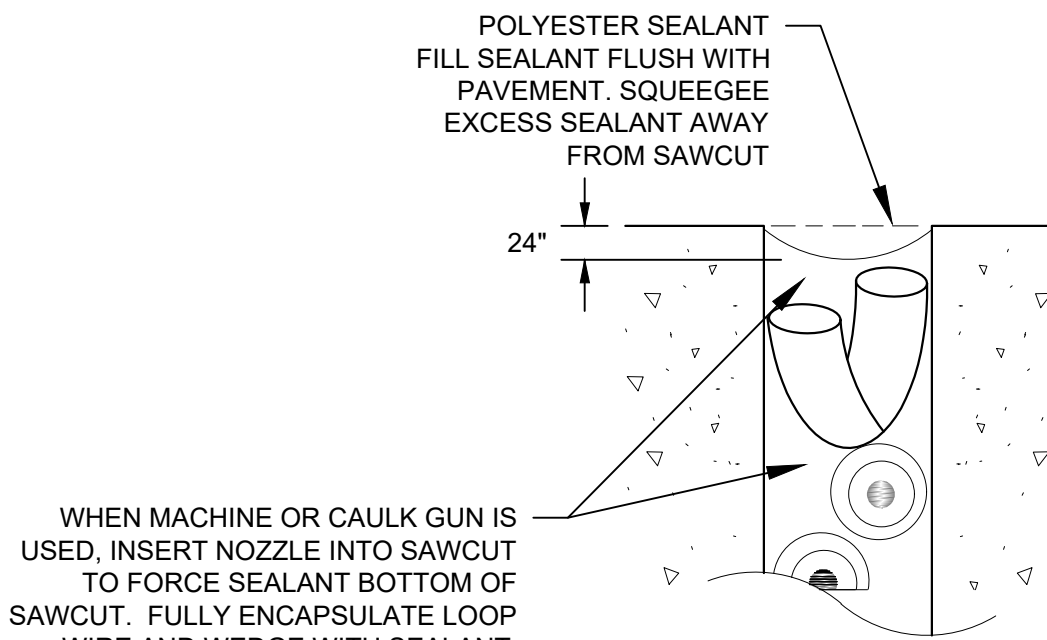


DETAIL "J"

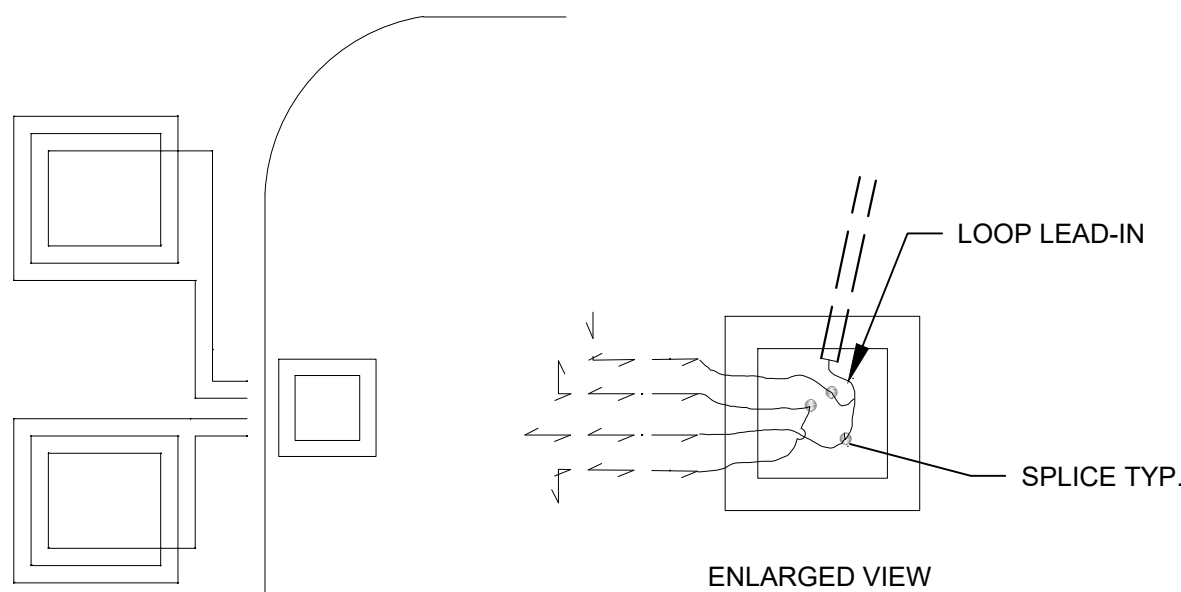


DETAIL "K"

NOTES:
ONLY USE POLYESTER COMPOUND AS SEALANT. WET SAW CUT ONLY. DRY SAW CUT NOT PERMITTED.
RECOMMENDED SAW BLADE: 14\"/>

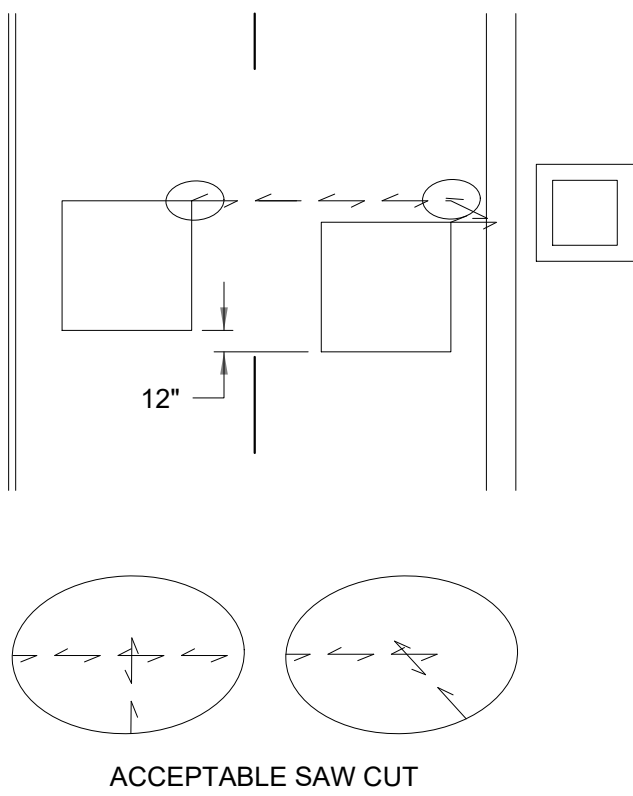


DETAIL "L"

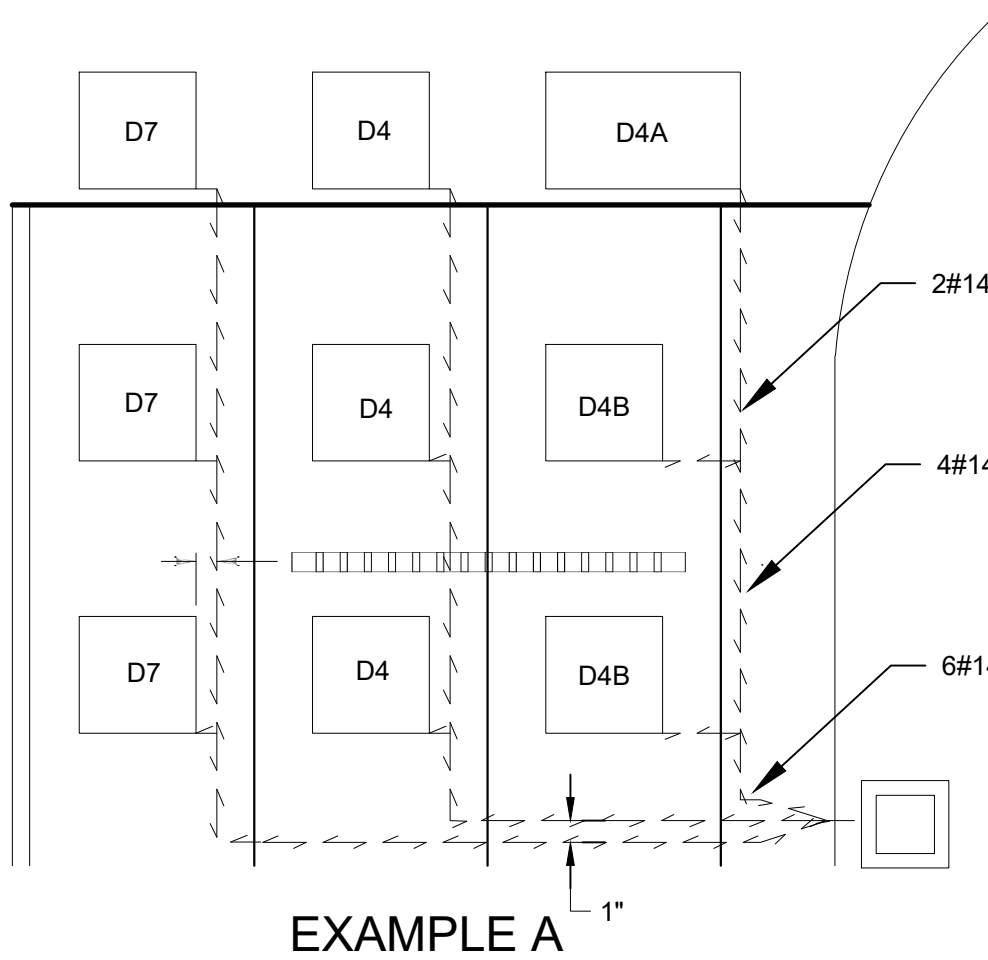


TYPICAL WINDING SEGMENTED LOOPS, 3 TURNS EACH

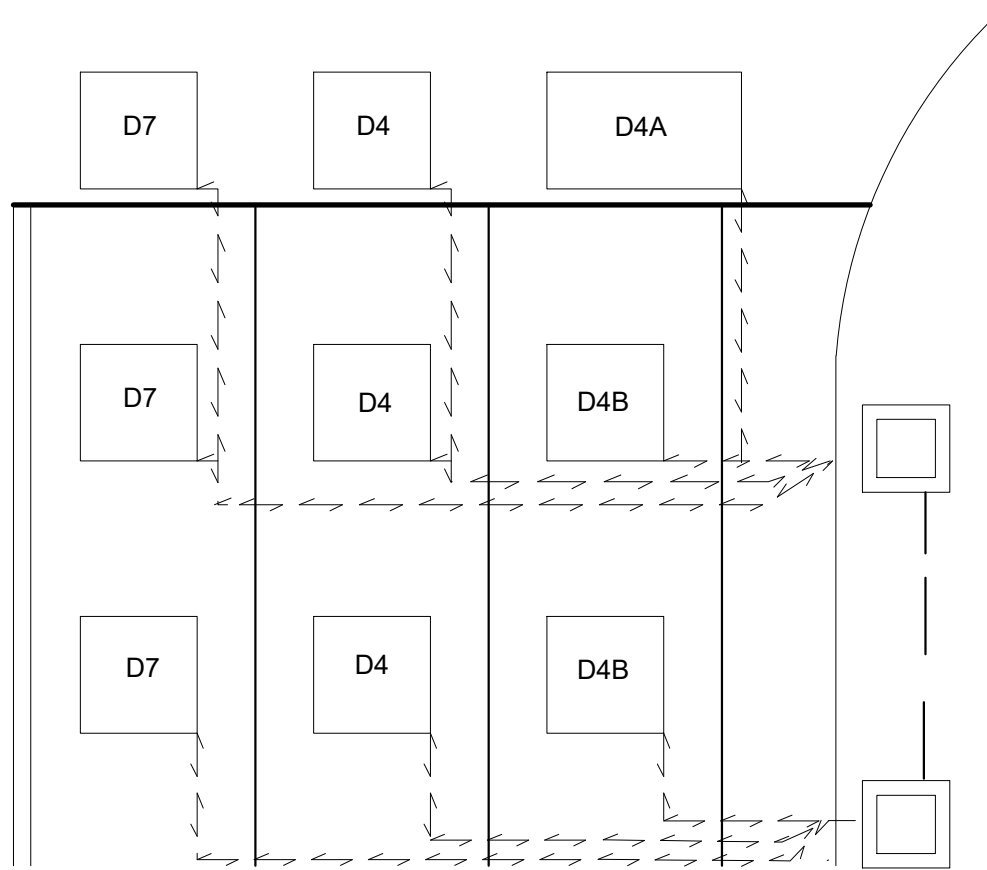
TO CREATE A UNIFORM MAGNETIC FIELD, WIND ADJACENT LOOPS IN OPPOSITE DIRECTIONS.



NOT ACCEPTABLE SAW CUT
DO NOT OVERLAP MORE THAN TWO SAWCUTS.



EXAMPLE A



EXAMPLE B

SEE TRAFFIC SIGNAL PLAN FOR ACTUAL LOOP PLACEMENT, NUMBERS, ETC.
LOOP SEGMENTS ON SAME AMPLIFIERS MAY SHARE HOME RUN SAW CUT. SPLICE SEGMENTS IN SERIES.
LOOP SEGMENTS ON DIFFERENT AMPLIFIERS MUST BE IN SEPARATE HOME RUN SAW CUT.

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FILE: C:\USERS\MRANANDO\DRAWINGS\WSP USA PROJECTS (AMER)\BOS000\MWTR\WTP-FDS\PROJECT FILES\PACKAGE3\CP3CPS 3-3\CIVIL\PLT\SHETS\3.3-CT-503.dwg
SHEET: 38 of 41
DATE: 2020/09/15 2:57 PM

REFERENCE:					CONTRACT NO. : 8086	CAD FILE NO. : 3.3-CT-503		MASSACHUSETTS WATER RESOURCES AUTHORITY	 100 SUMMER STREET BOSTON, MA 02110 617-426-7330	 200 SUMMIT DRIVE, SUITE 340 BURLINGTON, MA 01803 781-656-5800	METROPOLITAN WATER TUNNEL PROGRAM CONTRACT PACKAGE 3.3 NEEDHAM DEWATERING DRAINAGE LINE	DRAWING NO. CT-503 38 of 41
					ACCESSION NO. : NOT USED	SECTION NO. :						
					DATE: SEPTEMBER, 2026	DESIGNED BY: MBR DRAWN BY: MBR CHECKED BY: GMP APPROVED BY: REC						
					SCALE: NTS							
	NO.	DATE	BY	CHK'D	REVISION							