



INVITATION TO BID

(This is not an order.)

Page 1 of 2

CITY OF CLEVELAND

Division of Purchases & Supplies
601 Lakeside Avenue
Room 128
Cleveland, OH 44114

Buyer: Lauren Drake
216-664-2627
LDrake@clevelandohio.gov

Requestor: Robert Mavec
216-664-2093
rmavec@clevelandohio.gov

Procurement Folder		RFB No.		RFB Description	
161064		RFB 7017 202600000000415		Signal Loop	
RFB Closing Date/Time			Department/Division		Public Bid Opening Date/Time
August 24, 2026 3:00 PM			7017		August 24, 2026
SCHEDULE OF EVENTS					
Event Description				Event Date	
Group/Line#	Commodity Description		Item Quantity/UOM	Service Dates	Catalog Discount
1 / 1	Signal Loops		30.00000 / EA		
See attached spec					
Ship To:			Vendor Response		
Traffic Signal Traffic Signal 4150 E 49th St, Signal Unit Cleveland, OH 44105			Unit Price	Extension	Delivery Days
			\$	\$	Day(s)
Vendor Response		Vendor Total Amount for Items	Vendor Total Amount for Services		Payment Discount Offer
		\$	\$		% Day(s)
TERMS OF DELIVERY					
● Price quoted shall be F.O.B. delivered to the place designated on purchase order. No other terms will be acceptable. ● Delivery quoted must be stated in terms of work days after receipt of the order. ● All charges for shipping must be included within the Unit Price for each item quote unless otherwise designated by a separate line with a specified dollar amount inclusive of all shipping charges. ● No freight charges will be considered nor processed for payment unless apart of the original quote submitted prior to bid award.					
BIDDER AGREES TO COMPLY WITH ALL TERMS AND CONDITIONS BELOW AND ON REVERSE SIDE OF THIS BID					
Shipping/Freight Charges ALL CHARGES FOR SHIPPING MUST BE INCLUDED WITHIN THE UNIT PRICE OF EACH QUOTE UNLESS OTHERWISE DESIGNATED BY A SEPARATE LINE ITEM WITH A SPECIFIED DOLLAR AMOUNT INCLUSIVE OF ALL SHIPPING CHARGES. NO FREIGHT CHARGES WILL BE CONSIDERED NOR PROCESSED FOR PAYMENT UNLESS APART OF THE ORIGINAL QUOTE SUBMITTED PRIOR TO BID AWARD.					
Call Buyer Only Bidders must address all questions to the Buyer (See Above.) Do NOT contact the "Requestor." Contract only the Buyer listed above.					
No Price increase This Purchase Order does not permit price increases.					



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BIDDER MUST COMPLETE & SIGN BELOW

NAME OF THE FIRM:		
STREET ADDRESS:		
CITY:	STATE:	ZIP CODE:
FED ID # / SSN #:		
PHONE NO.:	FAX NO.:	
EMAIL ADDRESS:		
PLEASE PRINT CONTACT NAME:		
AUTHORIZED SIGNATURE:	DATE:	

All bids and related documents must be enclosed in a sealed envelope and marked with the RFB number.

RETURN BID TO: Division of Purchases & Supplies
601 Lakeside Ave
Room 128, City Hall
Cleveland, OH 44114

Effective Immediately: In accordance with Codified Ordinance 181.13 (I) the City shall receive competitive sealed bids through email. All City of Cleveland bids estimated to be less than 50K in value will be submitted and received electronically via email. All bids must be emailed to CityofClevelandbids@clevelandohio.gov. Upon receipt of your bid, you will receive a reply indicating your bid has been received.

Bidder's Instructions

See enclosed Terms & Conditions. Read and follow all terms and conditions of the bid.

Bids must be submitted to CityofClevelandbids@clevelandohio.gov, the Document ID Number and Buyer's Name must be identified in the email subject line. Also clearly state the Document ID Number, Bid Description, Buyer's Name and Closing Date.

PLEASE NOTE: Bids received after the Closing Date, Closing Time or sent to any other email address not identified in the Bidders Instructions cannot be considered.

Northern Ireland Affidavit must be completed, signed and included with each bid.

The bid must be submitted to: CityofClevelandbids@Clevelandohio.Gov

The bid documents must include:

- ☐ The Document ID Number and Buyers Name in email subject line
- ☐ PDF File of Request For Bid Form
- ☐ Terms & Conditions.
- ☐ Northern Ireland Affidavit.
- ☐ Wage Theft Form.

Contact the Buyer immediately at the number on the Bid Form if you do not have all the required documents.

Subject: Submission of NORTHERN IRELAND FAIR EMPLOYMENT PRACTICES DISCLOSURE

Each bidder and/or appropriate parties should complete the DISCLOSURE and submit it with the bid, if possible. If not submitted with the bid, it must be completed and submitted to the Commissioner of Purchases and Supplies prior to any contract being awarded by the City. If a bidder or appropriate parties fail to complete and submit it, they shall not be eligible for a contract award.

NORTHERN IRELAND FAIR EMPLOYMENT PRACTICES DISCLOSURE

INSTRUCTIONS: Pursuant to Codified Ordinance Sec. 181.36, the information requested on this page must be supplied by all Contractors and any Subcontractors having more than a fifty percent (50%) interest in the proposed contract prior to any contract being awarded by the City of Cleveland. Any Contractor or Subcontractor who is deemed to have made a false statement shall be declared to have acted in default of its contract and shall be subject to the remedies for default contained in its contract. For failure to cure such a default, the Contractor or Subcontractor shall be automatically excluded from bidding for the supply of any goods or services for use by the City for a period of two years.

CHECK WHICHEVER IS APPLICABLE:

A. () The undersigned or any controlling shareholder,* subsidiary, or parent corporation of the undersigned is NOT ENGAGED IN ANY BUSINESS OR TRADING FOR PROFIT IN NORTHERN IRELAND. (If paragraph A. is checked, proceed to the signature line.)

B. () The undersigned or any controlling shareholder,* subsidiary, or parent corporation IS ENGAGED IN ANY BUSINESS OR TRADING FOR PROFIT IN NORTHERN IRELAND. (If paragraph B. is checked, please either check the stipulation contained in paragraph C. or attach documentation that shows that the undersigned has complied with the stipulation contained in paragraph C.

C. () The undersigned and all enterprises identified in paragraph B. are TAKING LAWFUL AND GOOD FAITH STEPS TO ENGAGE IN FAIR EMPLOYMENT PRACTICES WHICH ARE RELEVANT TO THE STANDARDS EMBODIED IN THE "MacBRIDE PRINCIPALS FOR FAIR EMPLOYMENT IN NORTHERN IRELAND." A copy of the MacBride Principles can be obtained from the Office of the Commissioner of Purchases and Supplies. In lieu of checking this paragraph, the undersigned must attach documentation which the undersigned believes shows compliance with the stipulation contained in this paragraph C.

Name of Contractor or Subcontractor
By: _____
Title: _____

*"Controlling shareholder" means any shareholder owning more than fifty percent (50%) of the stock in the corporation or more than twenty-five percent (25%) of the stock in the corporation if no other shareholder owns a larger share of stock in the corporation.



WAGE THEFT AND PAYROLL FRAUD DISCLOSURE

SUMMARY:

Bidders on certain City contracts, recipients of Assistance, and any of their prospective subcontractors must disclose any wage theft or payroll fraud violations over the last three years. Unless they receive a waiver from the City's Fair Wage Employment Board, violators are placed on the City's Adverse Determination List, which prevents them from entering into new contracts with or receiving Assistance from the City. This disclosure requirement and the waiver process are set forth in Chapter 190 of the Codified Ordinances of Cleveland, Ohio, 1976 ("Chapter 190").

INSTRUCTIONS:

Pursuant to Chapter 190, the information requested on this document must be provided by any person or entity bidding on or making a proposal for a Construction or Improvement Contract or a Service Contract, or applying for Assistance, and any of their prospective subcontractors.

Any person or entity that is deemed to have made a false statement shall be declared to have acted in default of its contract and shall be subject to the remedies for default contained in its contract.

DEFINITIONS:

"Adverse Determination" means a final action or adjudication that the person or entity in question has committed Wage Theft or Payroll Fraud and is further defined in Chapter 190.

"Assistance" means any form of City financial assistance, except for financial assistance provided for the development, rehabilitation or other means of providing residential housing. Assistance includes but is not limited to: grants; economic development loans; tax credits, incentives and abatements; subsidies; and bonds. Assistance does not include financial assistance which is received from another government or other entity with the City acting only as a conduit or fiscal agent for the funds, where the City exercises no control over the identity of any recipient or of the terms of the contract. Community Development Block Grant Funds are not considered conduit funds and, to the extent they otherwise qualify, are included as Assistance.

"Construction or Improvement Contract" means any contract entered into pursuant to Chapter 167 or Chapter 185 of the Codified Ordinances.

"Payroll Fraud" means concealing an entity's true payroll tax liability or other financial liability to a government agency from government licensing, regulatory or taxing agencies through misclassification of employees, failure to report or underreported



payment of wages, or executing a cash transaction while failing to maintain proper records of reporting and withholding.

“Service Contract” means any contract or subcontract between a person, business or corporation and the City of Cleveland that primarily involves the furnishing of services to the City (as opposed to the purchase of goods or other property or the leasing of property), and shall be limited to the following categories of services: food service, janitorial, security services, parking lot attendants, home health care, health care aides, waste management, automotive repair services, landscaping, towing contracts, building and maintenance services, carpentry, clerical services, urban forestry, housekeeping, street maintenance and repair, and sidewalk maintenance and repair. This includes services performed on City-owned premises including the following City-owned locations: airports, parking lots, municipal parks, recreational facilities, and City-owned buildings. Contracts that are primarily for the purchase of goods or other property are not considered Service Contracts.

“Wage Theft” means a violation of the Ohio Prompt Pay Statute, RC 4113.15; the Ohio Minimum Fair Wage Standards Act, RC Chapter 4111; Oh. Const. Art. II, Sec. 34a; RC Chapters 4109 or 4115; RC 4113.17, 4113.18, 4113.52 or 4113.61; or a violation of any substantially equivalent federal or state law; as any of these laws may be amended or superseded.

CHECK WHICHEVER IS APPLICABLE:

(A) (☐) The undersigned person or entity HAS NOT had any Adverse Determinations within the last three (3) years.

(B) (☐) The undersigned person or entity HAS had any Adverse Determinations within the last three (3) years.

If (B) is checked, then in an attachment(s) to this form, please disclose all Adverse Determinations within the last three (3) years.

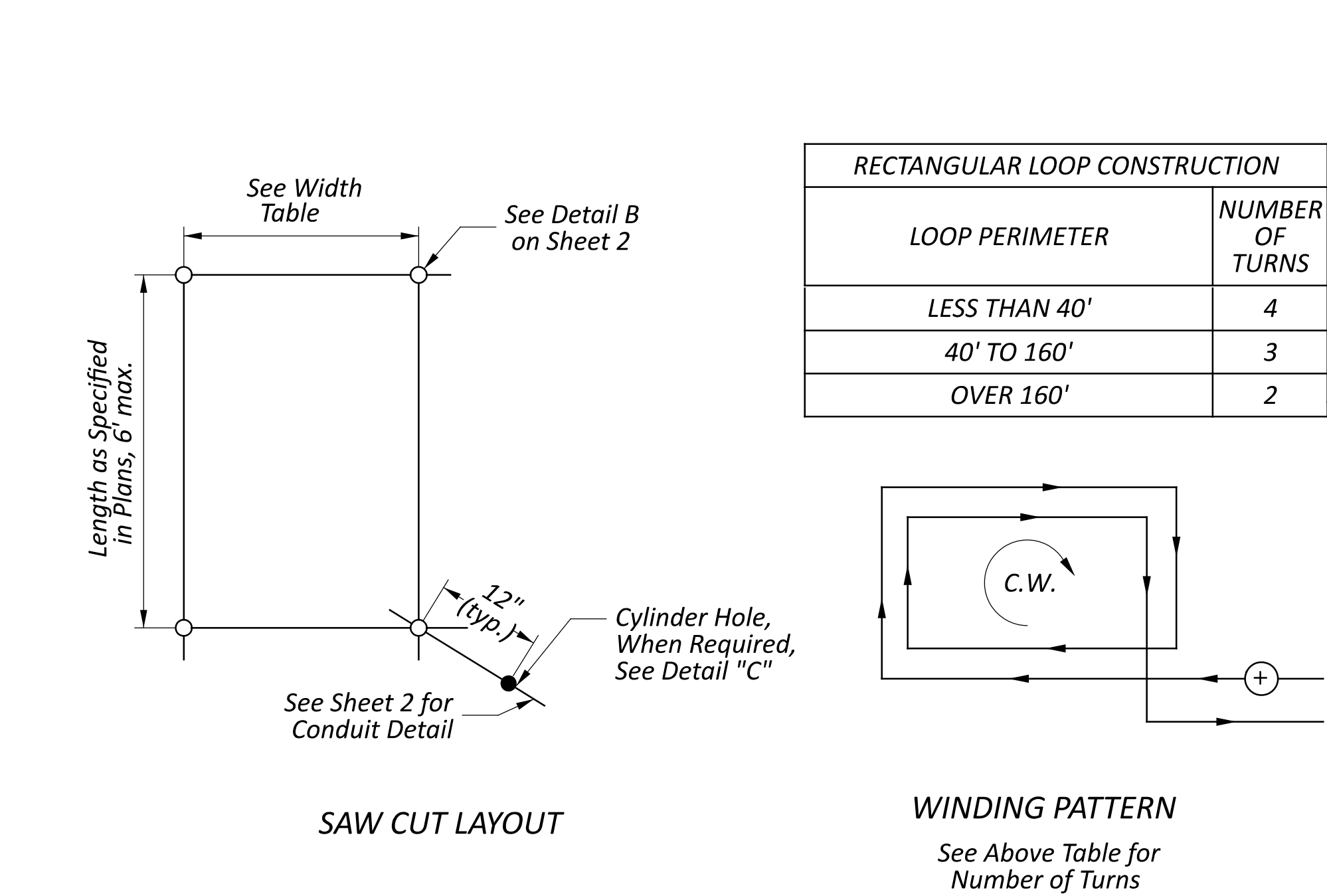
Name of Person or Entity: _____

Signature: _____

Printed Name of Signatory: _____

Title of Signatory: _____

Date: _____

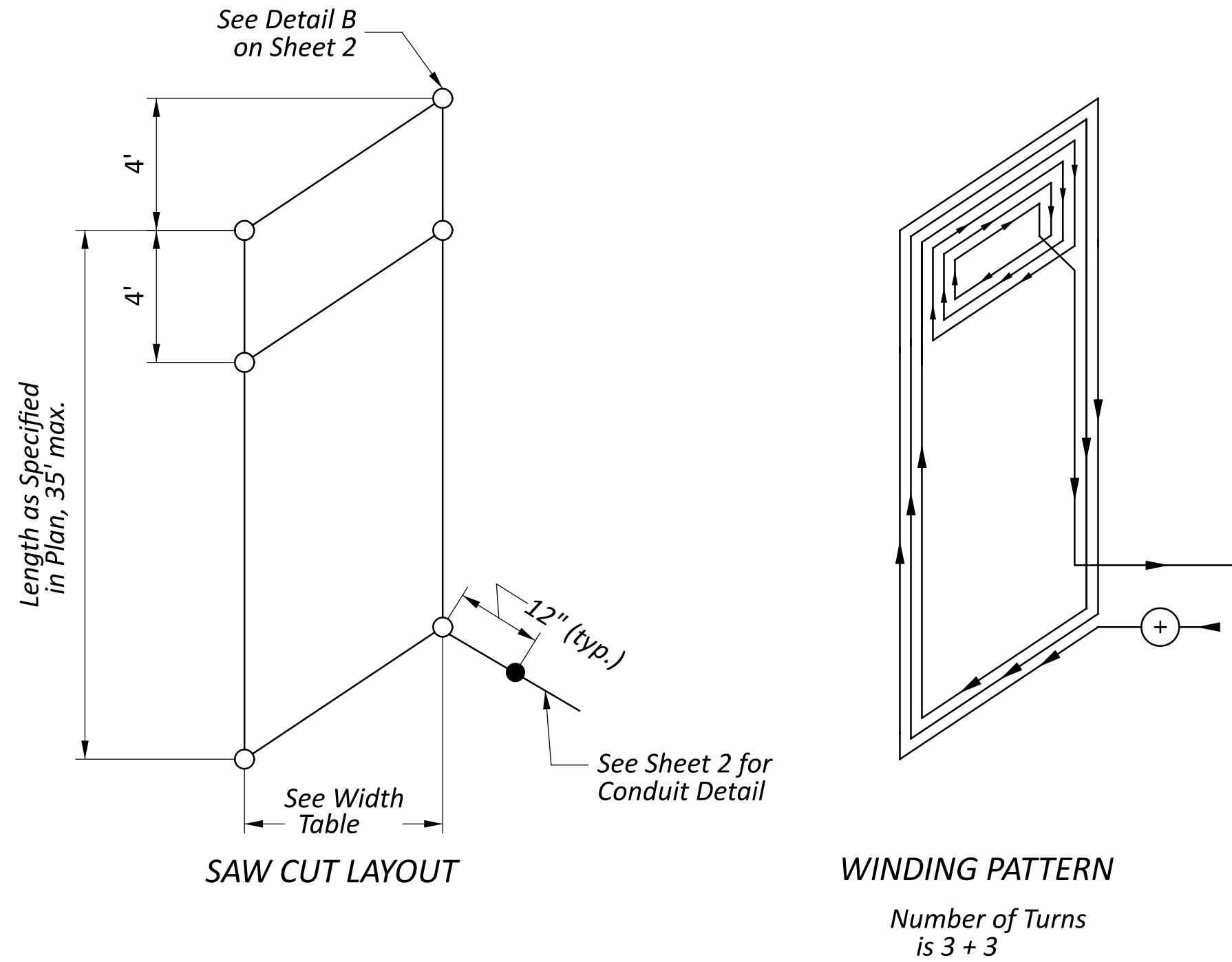


RECTANGULAR DETECTOR LOOP DETAILS

1. Rectangular detector loops shall not be used at the stop line or for dilemma zone detector.

WIDTH TABLE			
LANE WIDTH	RECTANGULAR AND POWERHEAD	QUADRUPOLE	ANGULAR DESIGN
11' AND LARGER	6' WIDTH	6' WIDTH	A= 4.5'
LESS THAN 11'	5' WIDTH	6' WIDTH	A= 4.0'

All stop line loops shall be tested with standard ODOT motorcycle and bicycle targets (see TEM Figure 498-27). Extension loops shall be tested using the motorcycle target.



POWERHEAD DETECTOR LOOP DETAILS

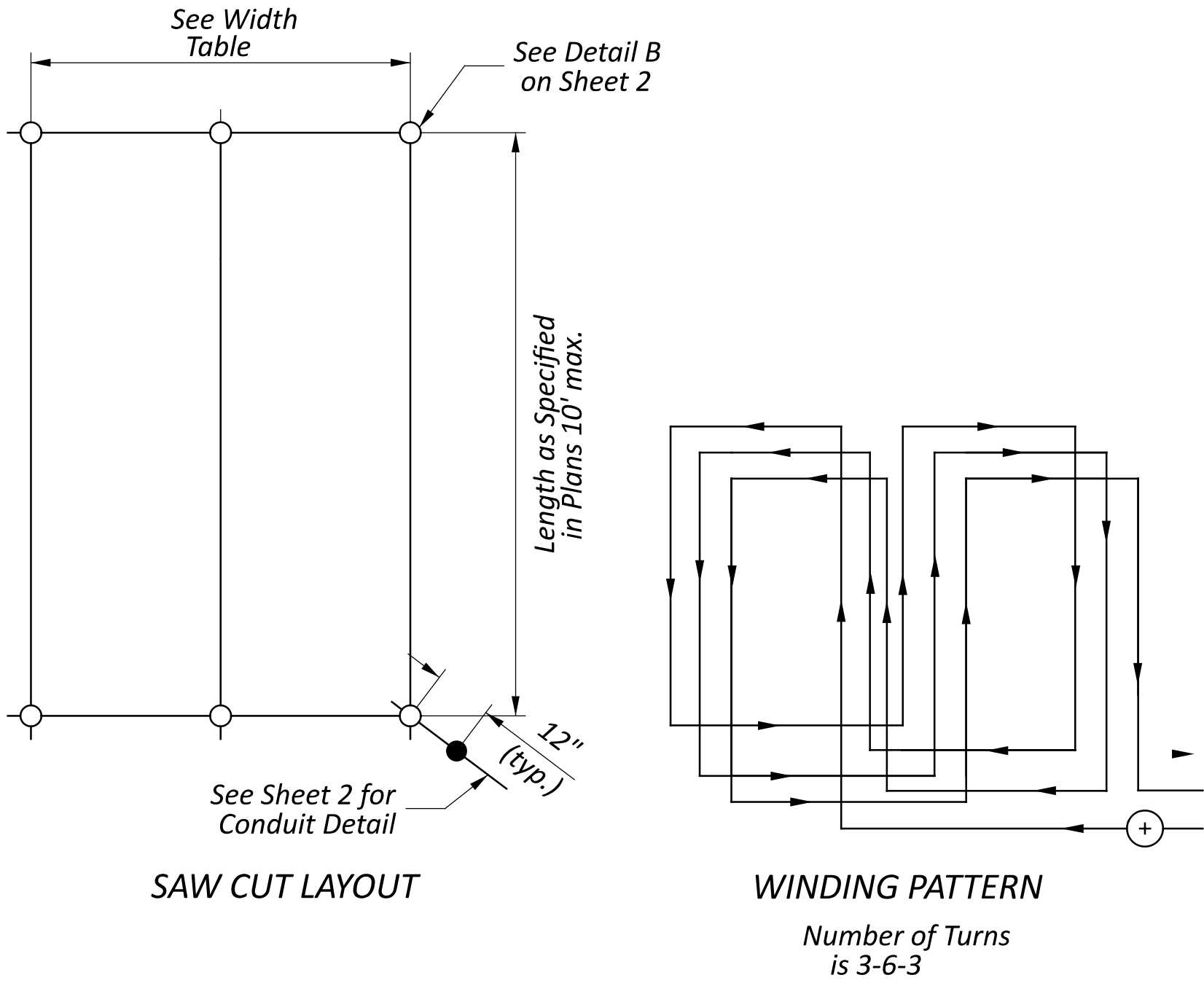
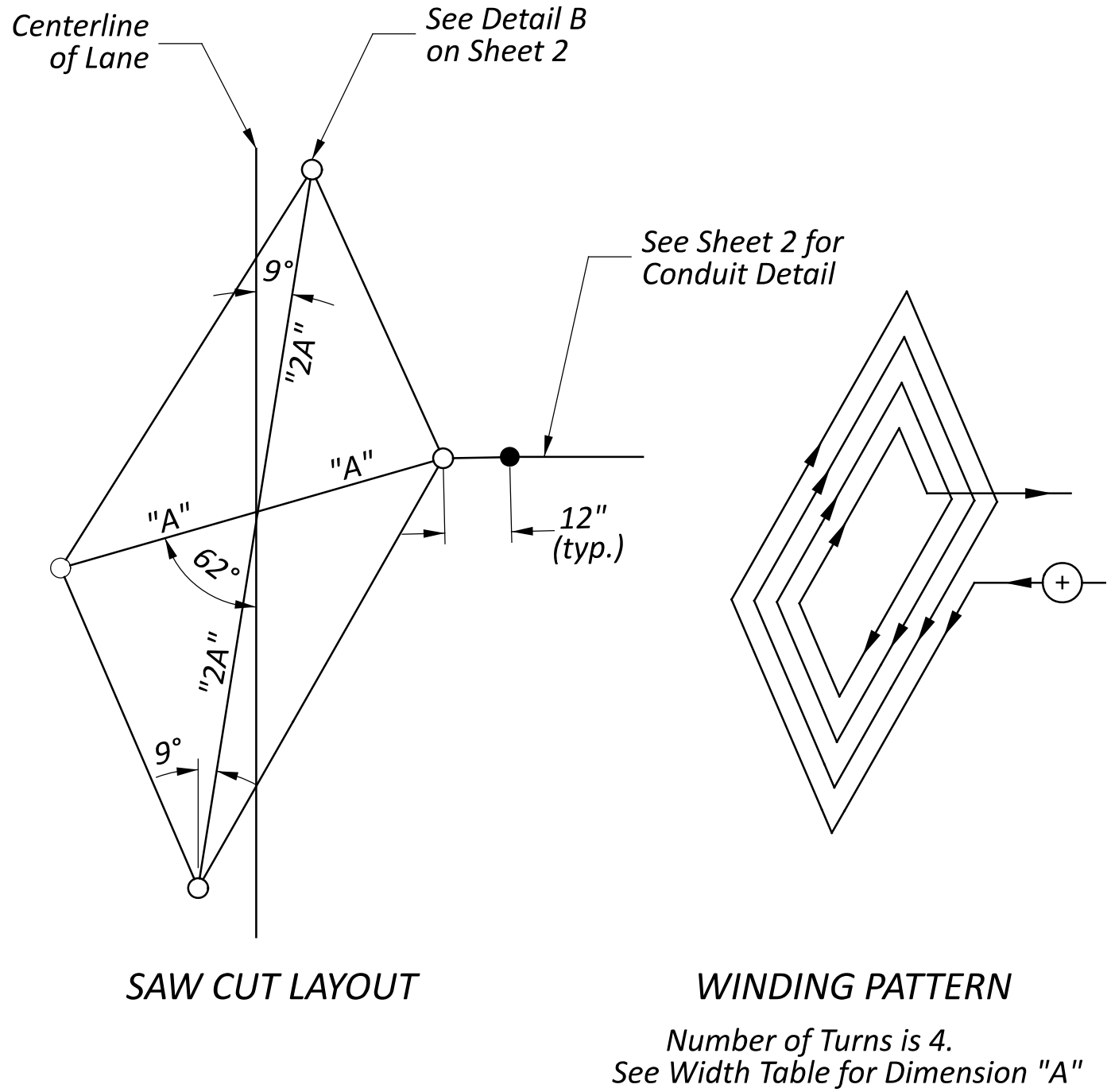
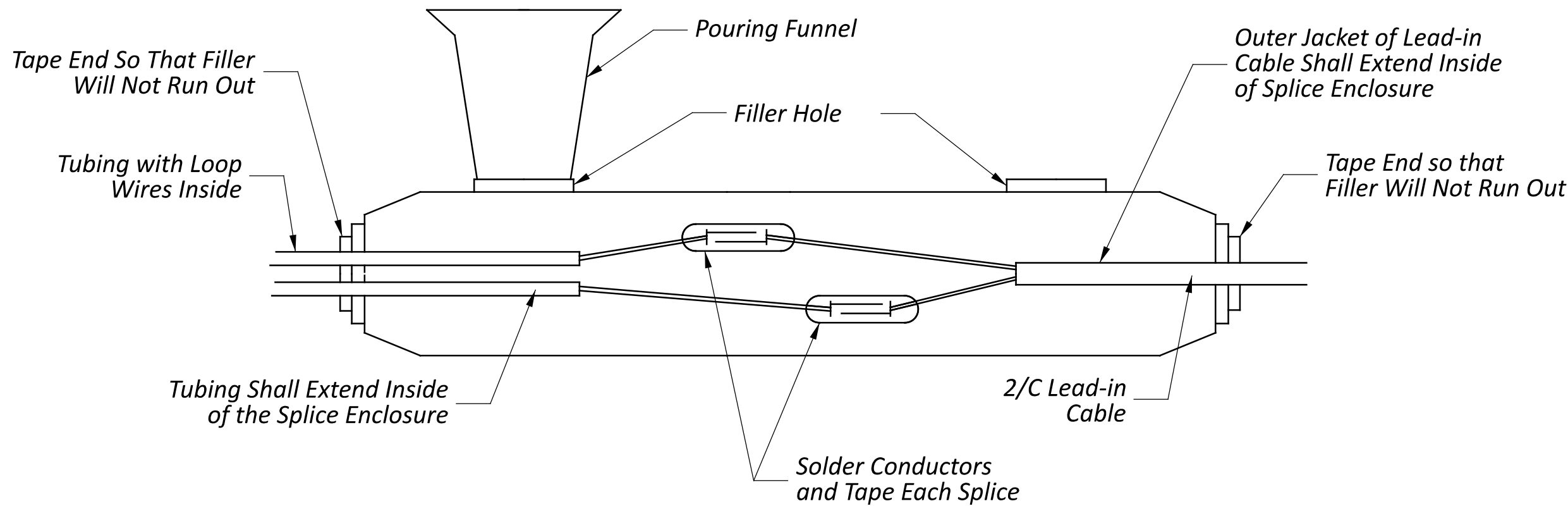


FIGURE 8 (QUADRUPOLE) LOOP DETAILS



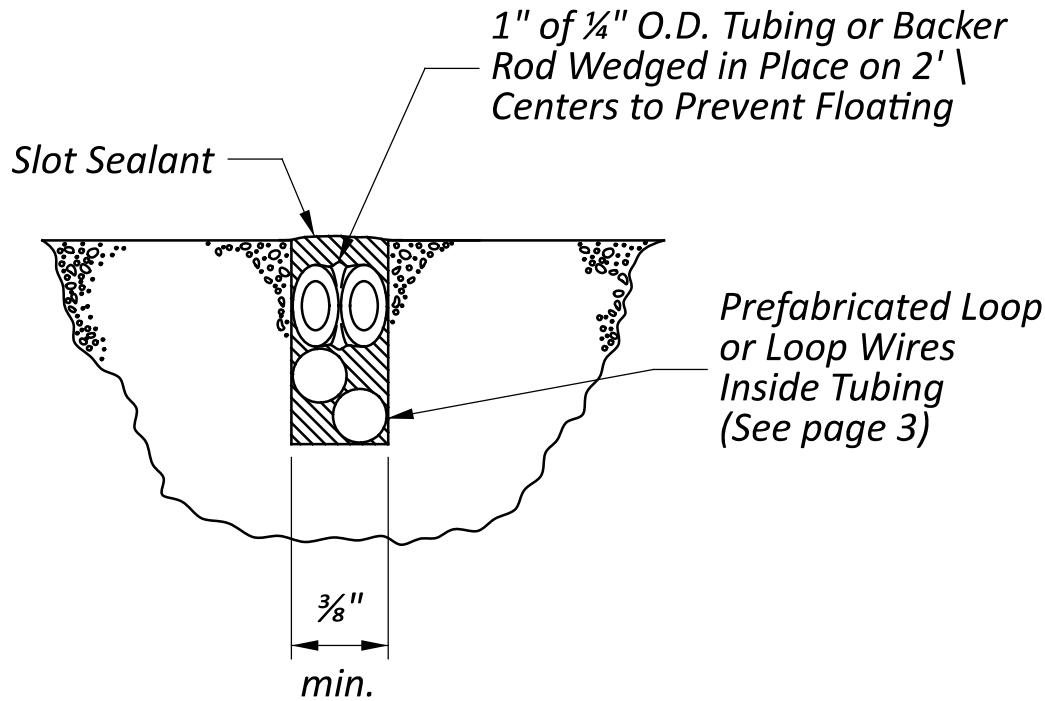
ANGULAR DESIGN DETECTION (A.D.D.) LOOP DETAIL

1. There shall be one A.D.D. loop per travel lane.
2. The perimeter of an A.D.D. loop as shown above is 8.66 times the dimension "A".



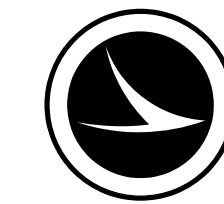
1. Loop detectors wire to lead-in cable splices within the encapsulated splice enclosure shall be soldered.
2. If a pullbox is not specified in the plans, the waterproof splice enclosure shall be located in the first entered pole or pedestal, except if the controller cabinet is mounted on that pole or pedestal, in which case the loop wires shall be routed directly into the cabinet.
3. The enclosure shall not contain visible air bubbles (voids) greater than ¼". The Contractor shall replace at no cost all splices that do not meet this criterion.

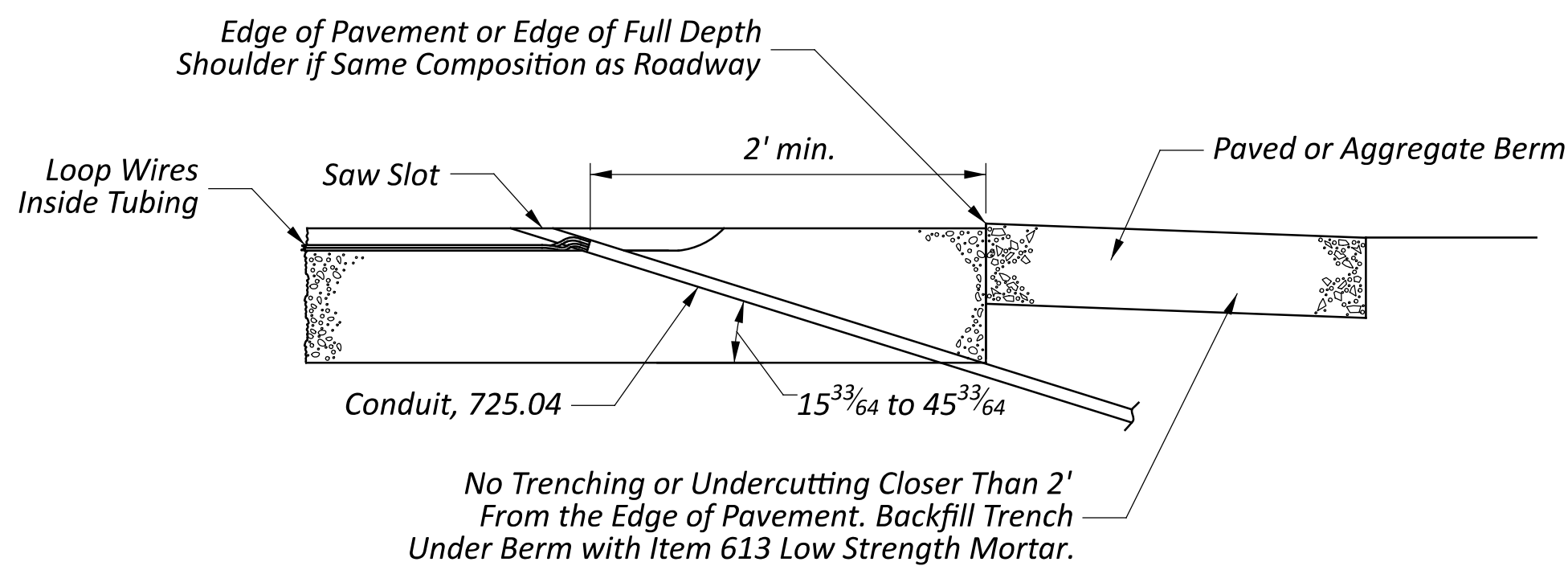
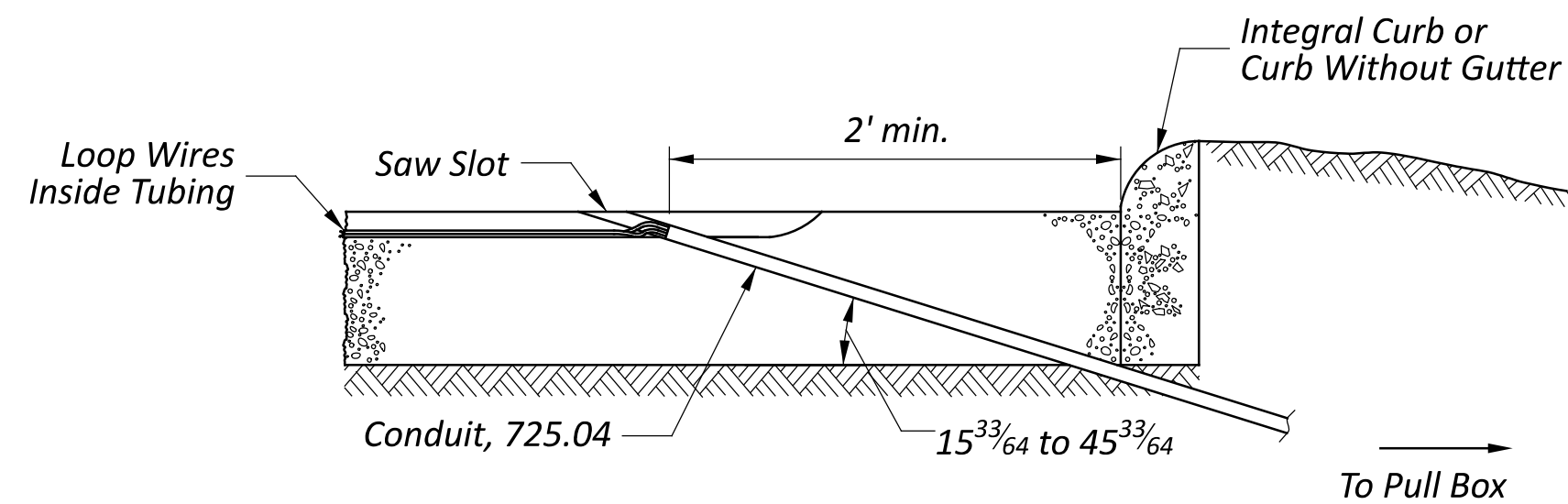
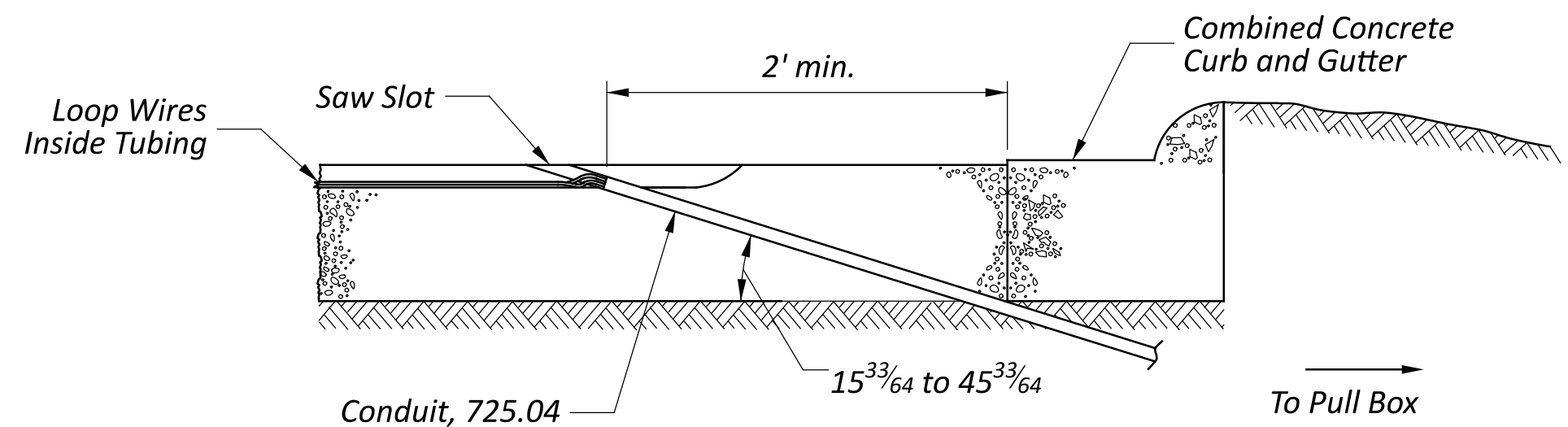
SPLICE ENCLOSURE DETAIL



1. Minimum saw slot depth: Asphalt 4"
Concrete 2"
- Maximum saw slot depth: Concrete 2 1/2 "
2. Loop detector wire in tubing shall be as specified in CMS Table 732.19-1.
3. Loop detector sealant shall be a prequalified product in accordance with Supplement 1048.
4. Saw slots and probe holes shall be thoroughly cleaned and dried prior to installation of sealant.
5. Wire installations in new asphalt may be sawed and embedded with sealant in sub-surface course with subsequent covering by the surface course, subject to approval of the Engineer.

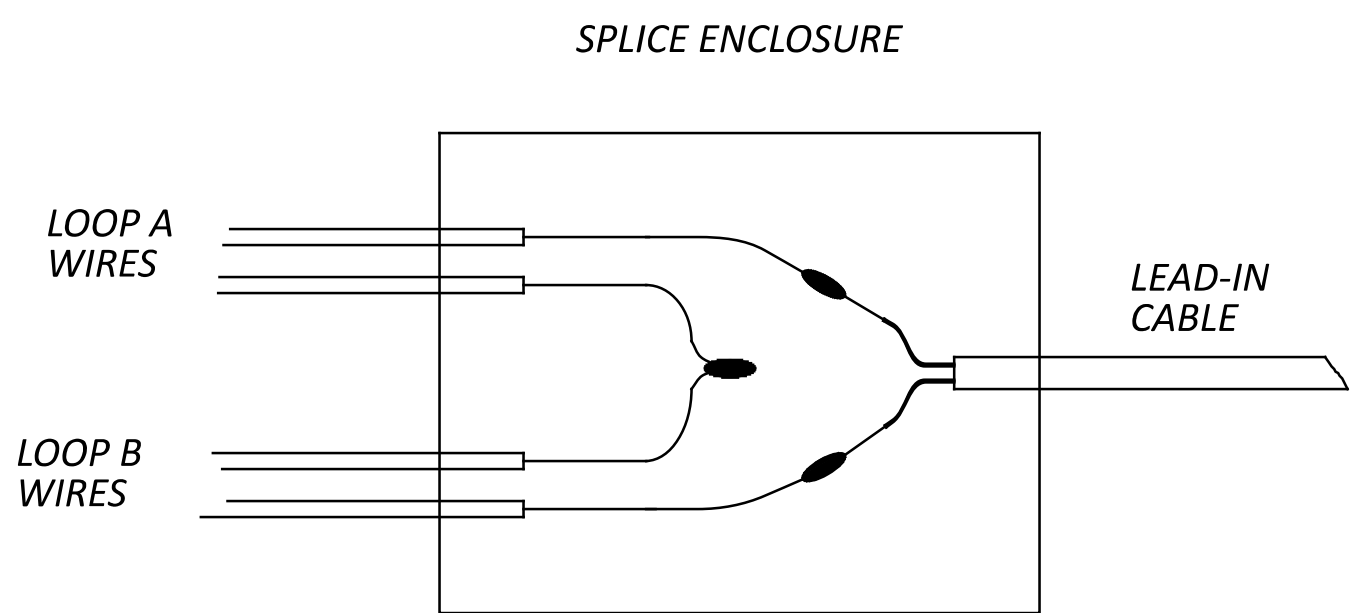
SLOT DETAIL





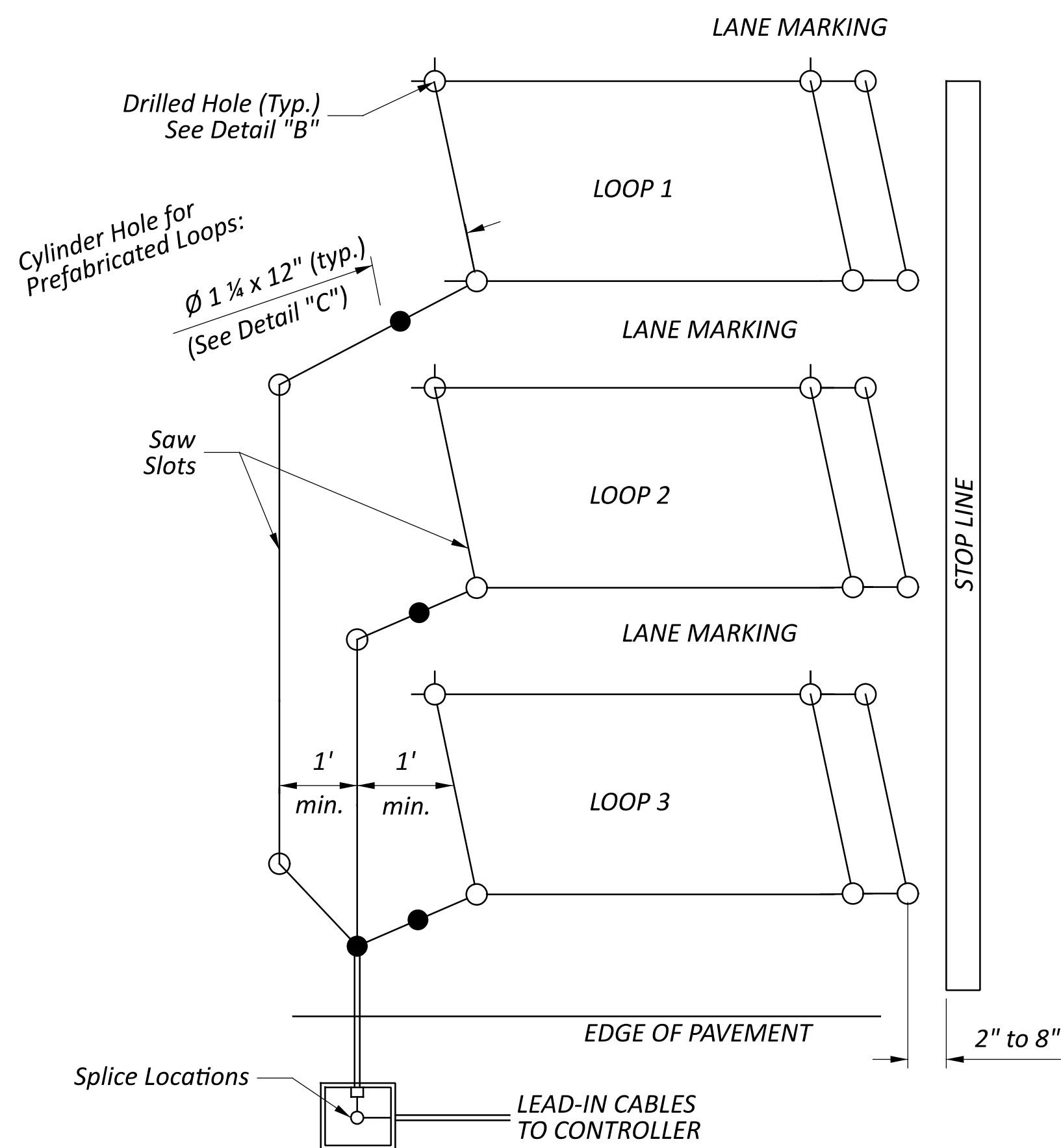
1. The drilled hole shall be located as shown above and within the full depth pavement. It shall not be drilled or cut through the paved berm, curb or curb and gutter section.
2. In areas of poor pavement condition, the saw slot depth shall be increased to insure adequate wire embedment. All field adjustments shall be subject to the approval of the Engineer.

TYPICAL DRILLED HOLE LOCATIONS



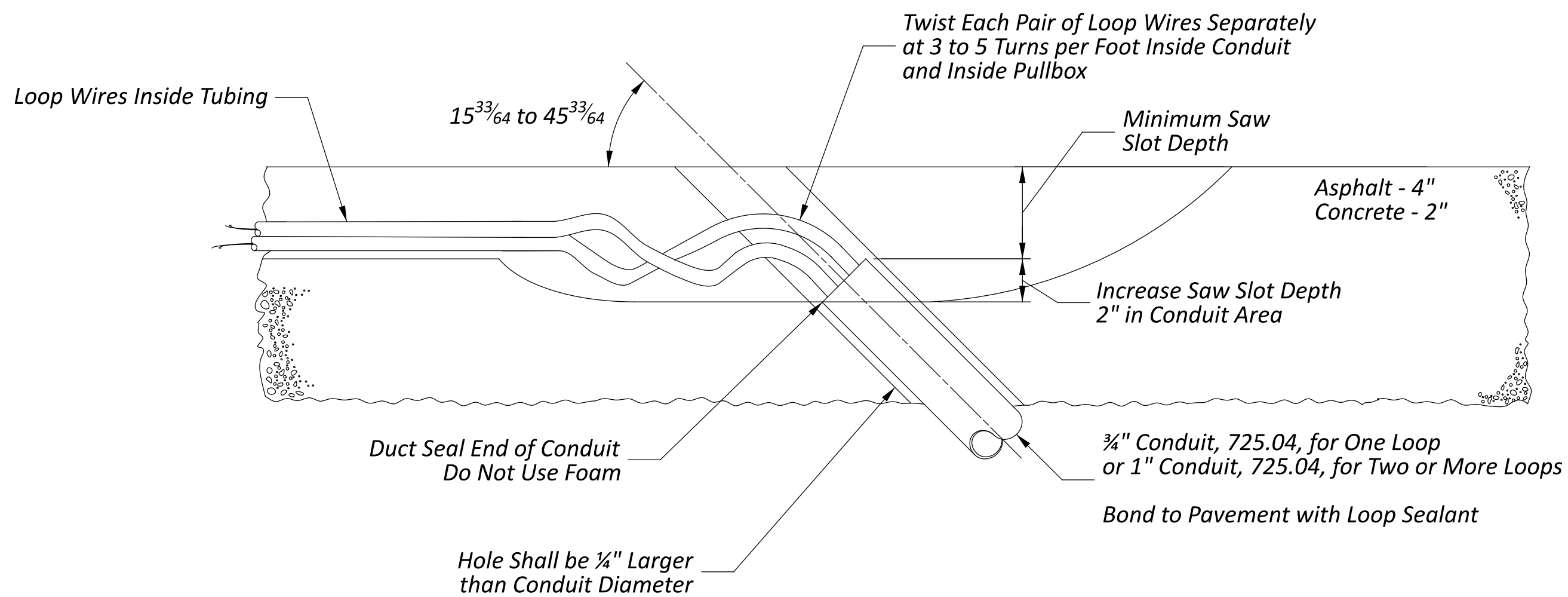
SERIES CONNECTIONS

1. Where multiple loops use a single lead-in cable, series connections shall be used.
2. A maximum of 2 loops (3 wire splices) shall be used in any encapsulated splice kit.

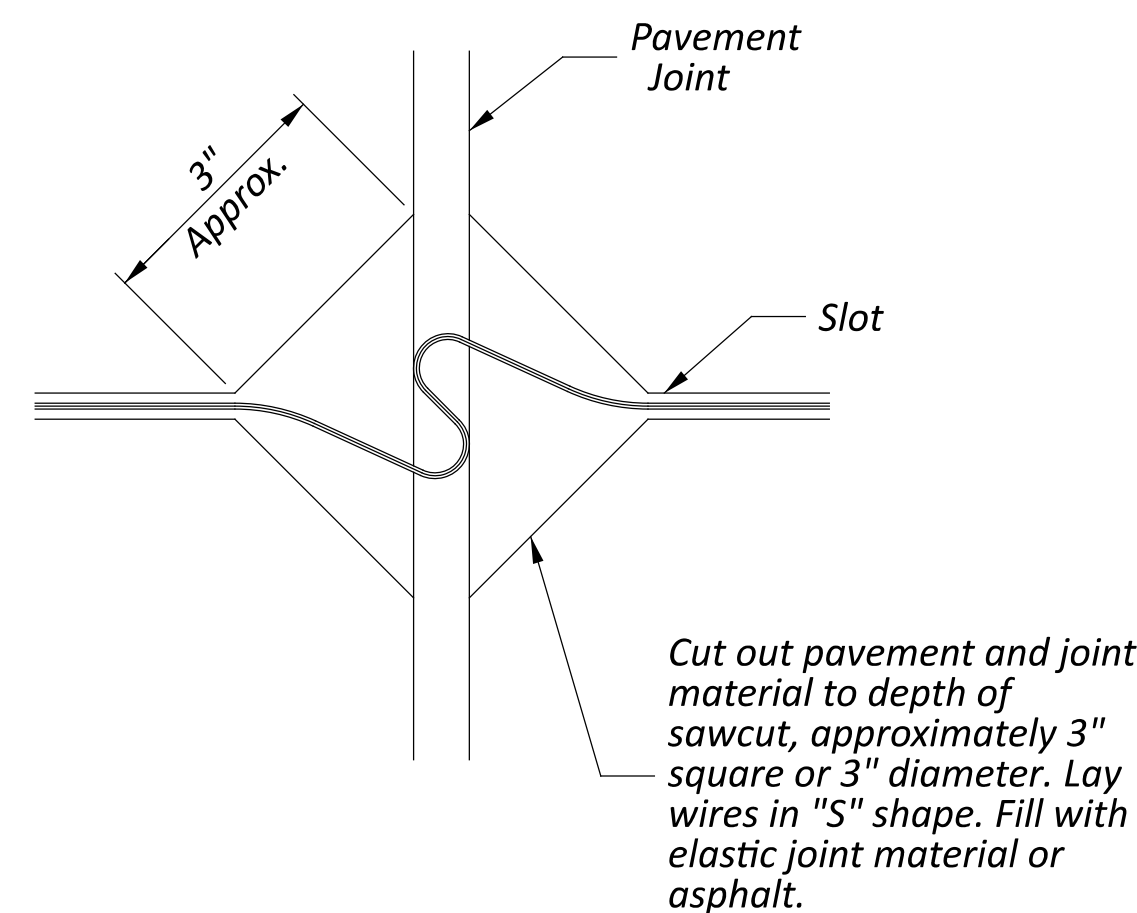


MULTIPLE LOOP LAYOUT

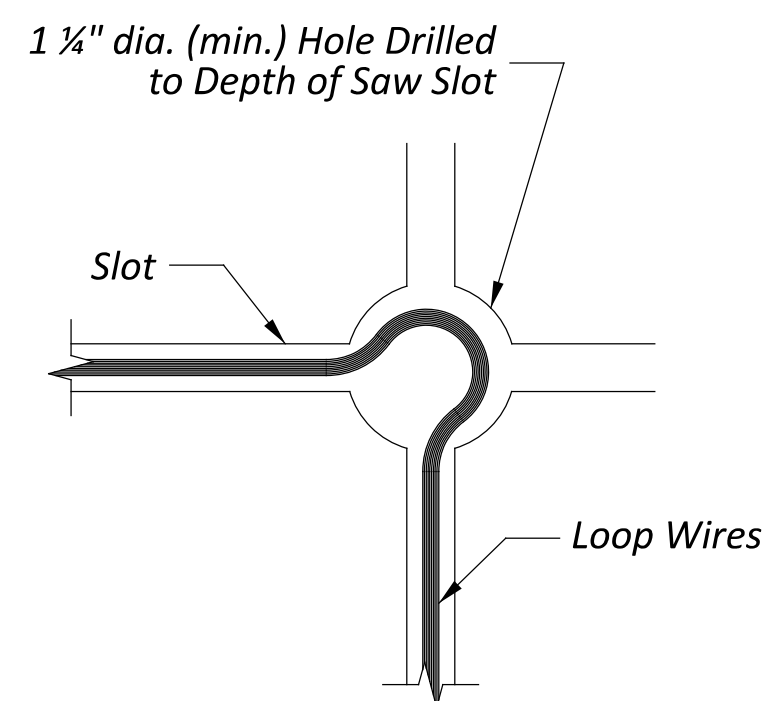
1. Only one set of loop wires shall be run in a saw slot over to the conduit hole location.
2. All adjacent saw slots shall have a minimum distance of 1' between them. No saw slot shall be located within 1' of a longitudinal or transverse joint in P.C.C. pavements if the slot is parallel to the joint.
3. Stop line detector loops shall each be on a separate detector unit channel to enhance motorcycle detection.
4. Loops shall be centered in lane.



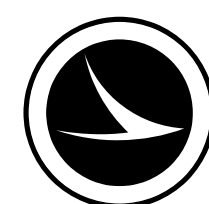
CONDUIT DRILLED HOLE DETAIL



JOINT CROSSING DETAIL IN P.C.C. PAVEMENTS

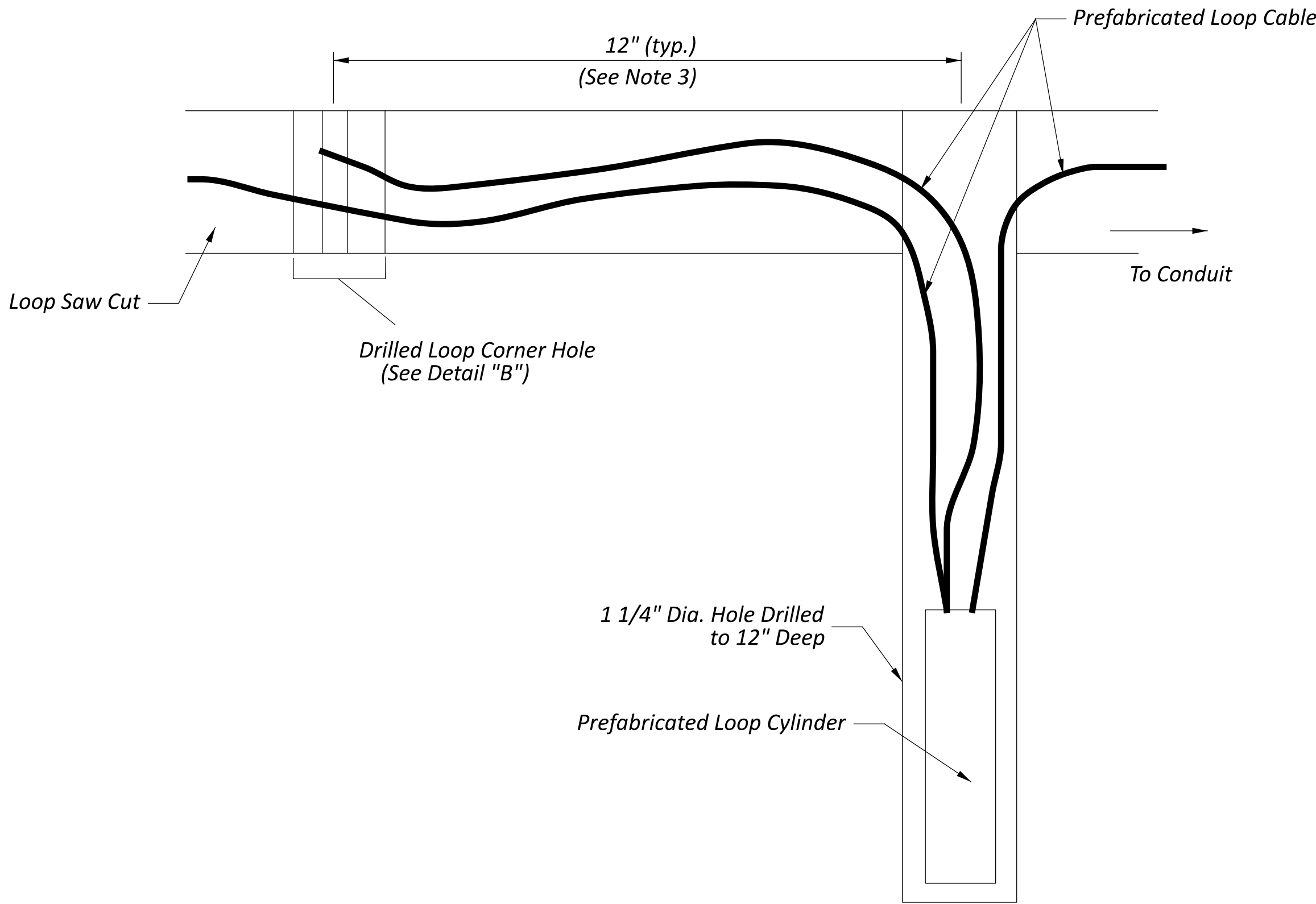


DETAIL "B"



PREFABRICATED LOOP DETAILS

DETAIL "C"
(Prefabricated Saw-Cut Loops Only)



NOTES

1. Prefabricated loops are required in all asphalt and non-reinforced concrete pavements. Do not install prefabricated loops in bridge decks.
2. Install prefabricated loops manufactured by Reno A&E, NeverFail, or approved equal.
3. Follow loop manufacturer's installation procedures to locate cylinder hole.

