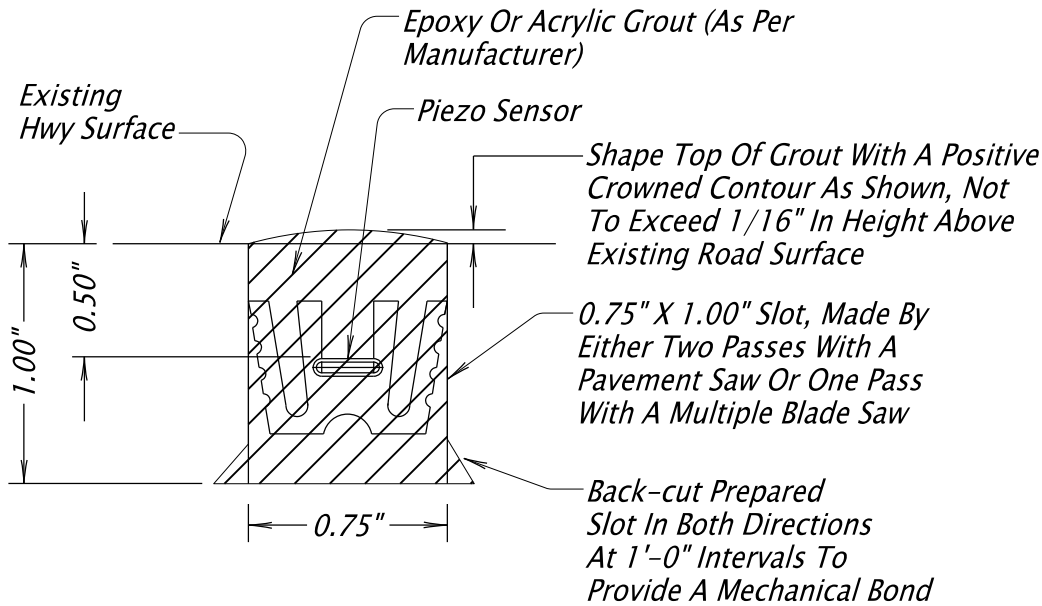
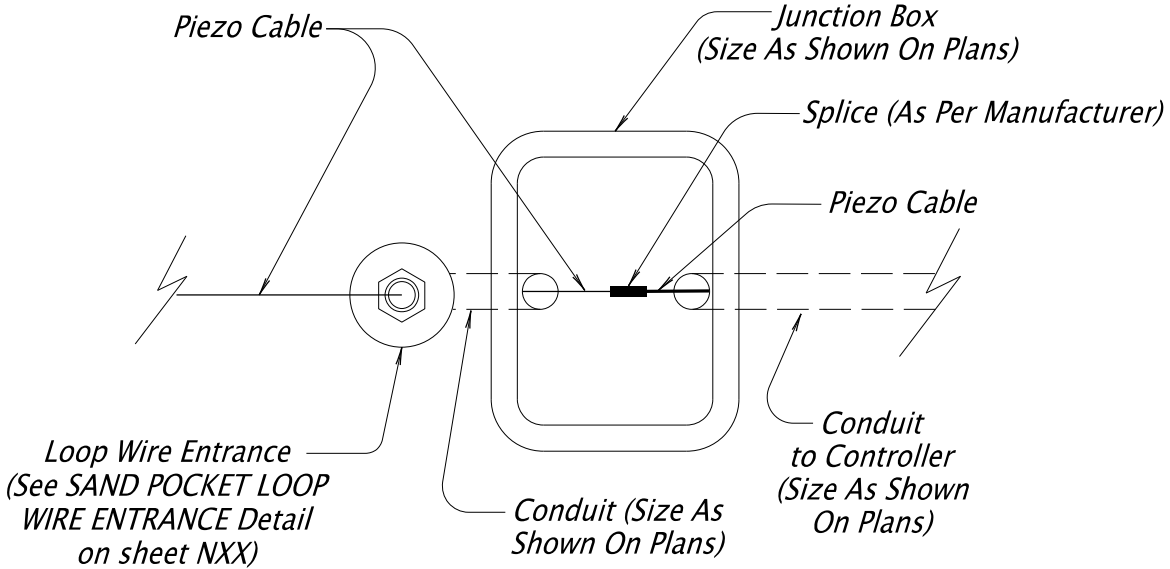




PIEZO SENSOR CROSS-SECTION DETAIL

NOTE TO DESIGNER: Road surface must meet manufacturer's specifications for pavement conditions to achieve optimal system performance



PIEZO SPLICE LOCATION & DETAILS

- NOTES TO DESIGNER:*
- 1. Splicing should be avoided if possible.*
 - 2. The loop wire entrance detail is shown on DET4428 – Fill out the sheet number (in purple above) for where this detail will be used in the plan set.*

General Notes:

- 1. Field Verify The Length Of Piezo Cable Needed For Each Piezo Sensor (Including Required Slack At Junction Boxes And Controller Cabinet). Consult Engineer For Guidance If Length Exceeds 300 Feet.*
- 2. Do Not Use Hot Loop Sealant On Piezos Or Thier Leads. Use One Of The Options Provided By The Manufacturer.*
- 3. Install Piezo Sensors With All Necessary Components To Install In Pavement. Test Installation As Per The Manufacturer.*
- 4. Mark Piezo Number On All Exposed Locations Of Piezo Cable With Permanent Tags. Use Hand-held Labeler (Brady IDXPRT With XC-1500-580-WT-BK Tags, Or Approved Equal).*

<i>The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.</i>	OREGON DEPARTMENT OF TRANSPORTATION  ENGINEERING AND TECHNICAL SERVICES BRANCH	
	ATR PIEZO DETAILS	DETAIL NO. DET4485