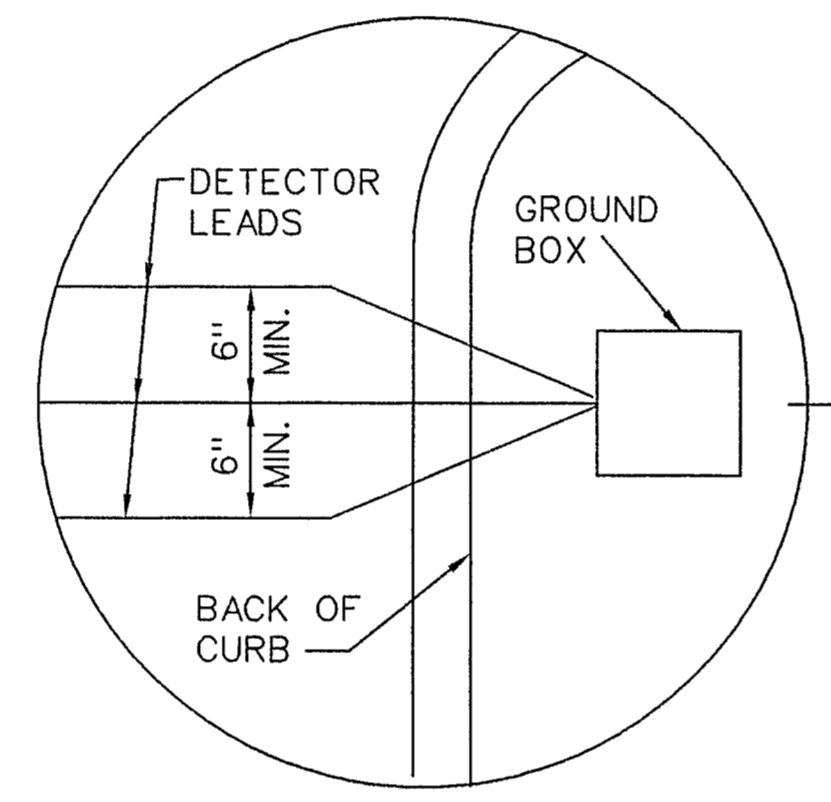
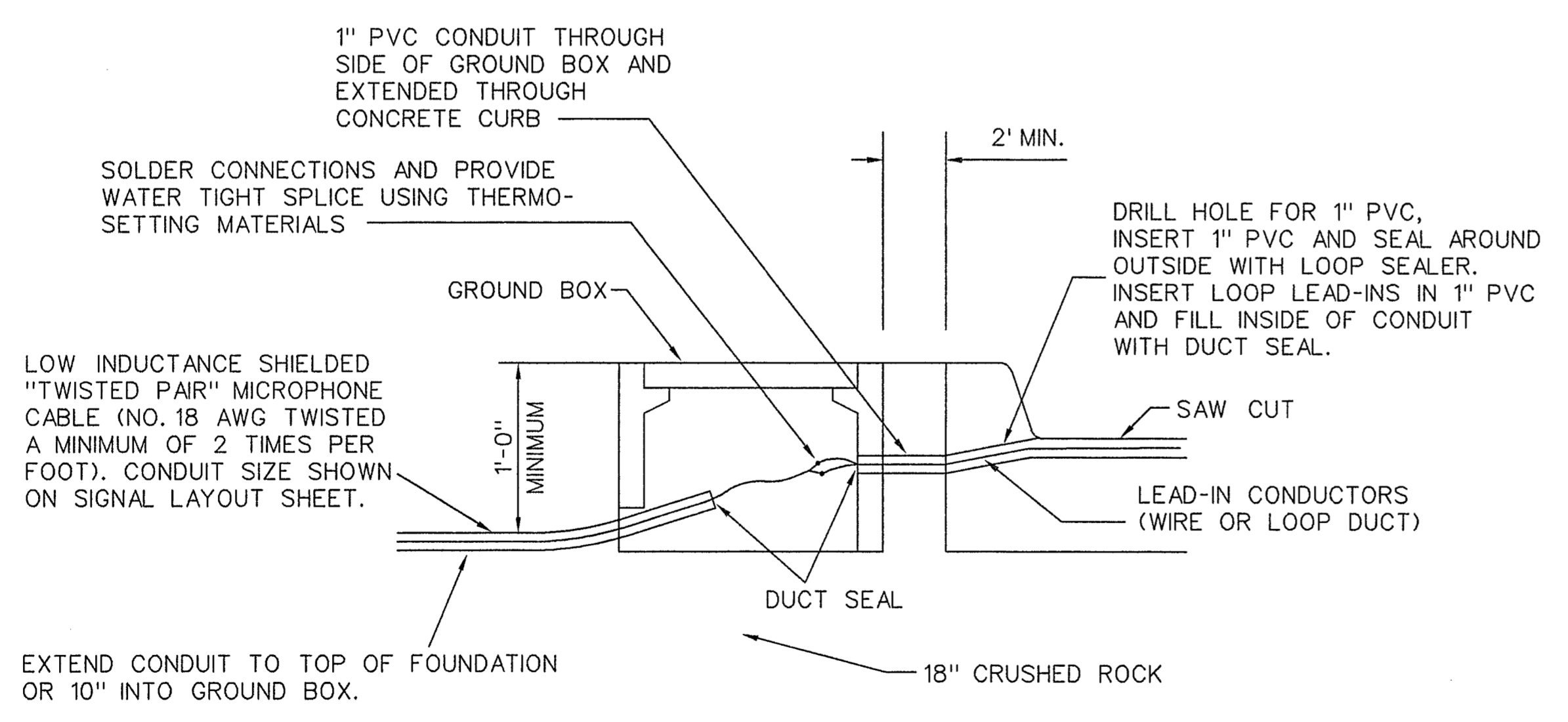


- NOTES :
1. CONTRACTOR TO PROVIDE 1" PVC CONDUIT THRU CURB FOR WIRE LEAD-IN CONDUCTORS.
  2. SPLICE IN GROUND BOXES SHALL BE SOLDERED AND WEATHER SEALED.

PLAN



DETAIL A



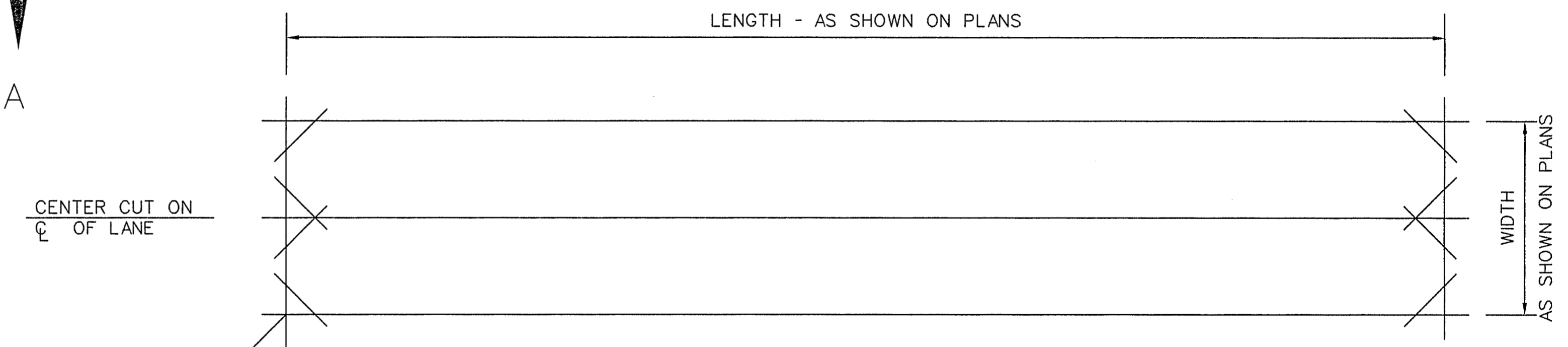
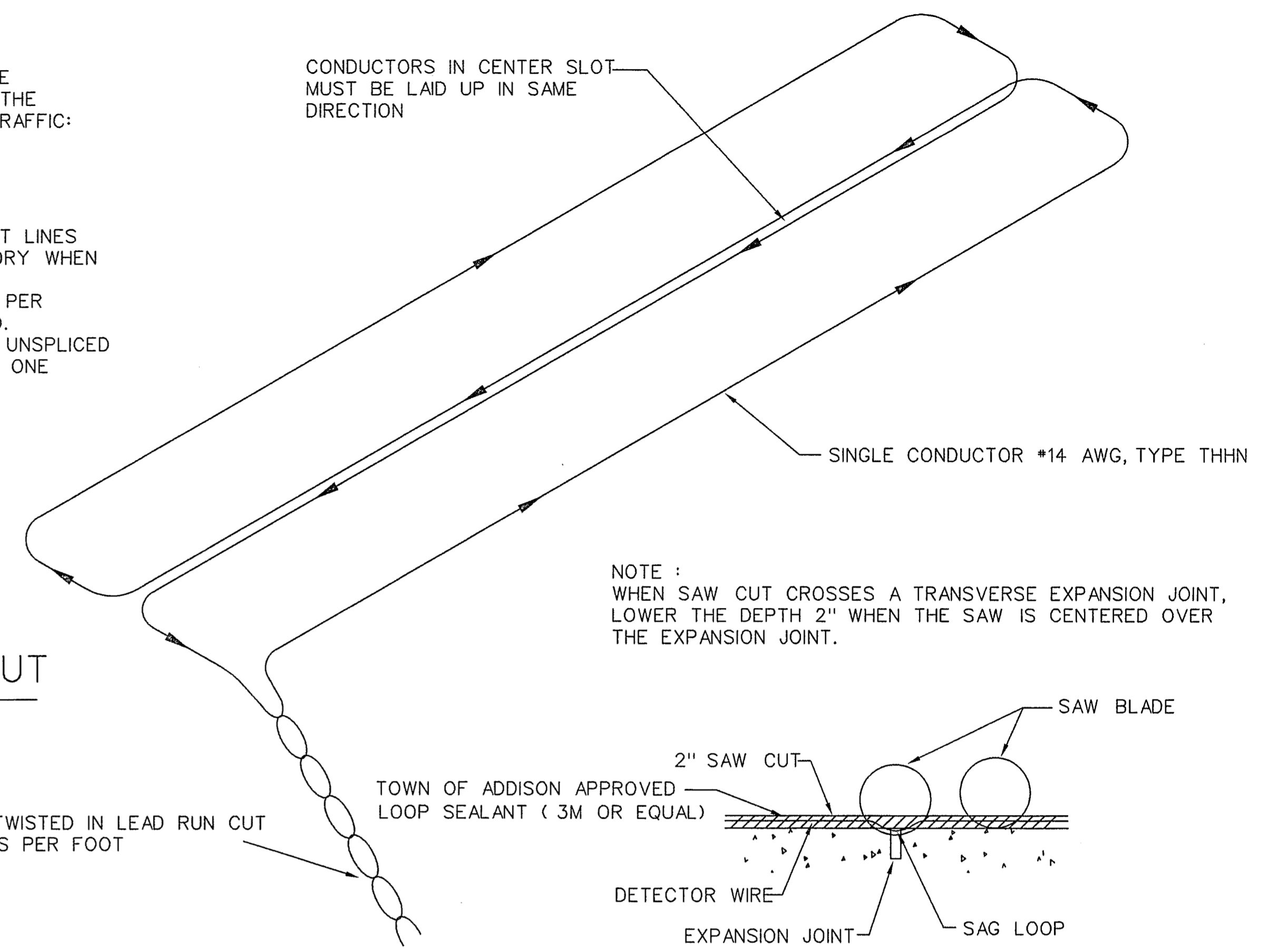
SECTION A-A

VEHICLE LOOP DETECTOR LAYOUT

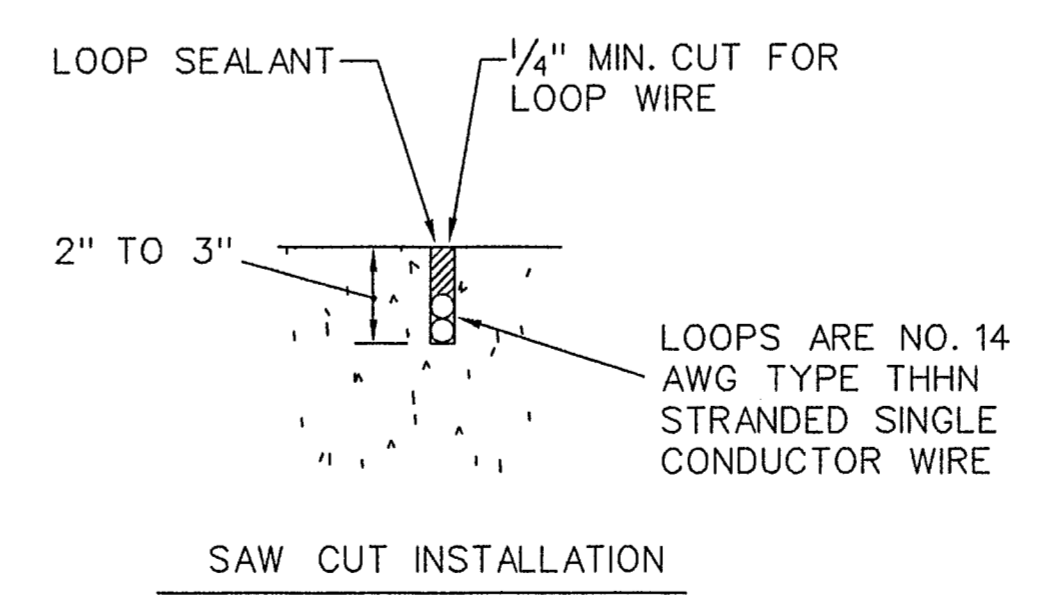
1. INSTALLATION OF WIRE LOOPS IS TO BE MADE IN THE SHORTEST TIME PRACTICAL. NOT TO EXCEED A 4 HR. MAX. AND SCHEDULED DURING THE OFF-PEAK HOURS LISTED BELOW TO MINIMIZE DELAY TO VEHICLE TRAFFIC:  
 MONDAY - FRIDAY 9 A.M. TO 3:30 P.M.  
 SATURDAY - SUNDAY 7 A.M. TO 7 P.M.
2. THE PAVEMENT CUT IS TO BE CUT WITH A CONCRETE SAW TO NEAT LINES AND LOOSE MATERIAL REMOVED. THE CUT SHOULD BE CLEAN AND DRY WHEN THE SEALING COMPOUND IS PLACED.
3. THE LEAD-IN WIRES ARE TO BE TWISTED A MINIMUM OF FIVE TURNS PER FOOT AND REMAIN UNDISTURBED AFTER THE LOOP HAS BEEN TUNED.
4. EACH LOOP IS TO BE RETURNED TO CONTROLLER VIA ONE PAIR OF UNSPLICED SHIELDED LEAD-IN WIRES. MULTIPLE, TWISTED LEADS TO MORE THAN ONE LOOP IN SINGLE LEAD RUN SAW SLOT ARE NOT PERMISSIBLE.
5. ALL LOOPS TO PENETRATE CURB IN A SEPARATE CONDUIT.

TYPICAL LOOP LAYOUT

1 - 2 - 1 QUADRAPOLE



PLAN



SAW CUT INSTALLATION

SAW CUT PATTERN FOR DETECTOR LOOPS



The seal appearing on this document was authorized by Alan P. McNeil, P.E. 69951, on May 27, 1997.

| DATE  | REVISION    | BY                |
|---|-------------|-------------------|
|   |             |                   |
| TOWN OF ADDISON<br>DALLAS COUNTY, TEXAS                     |             |                   |
| LOOP INSTALLATION DETAILS                                   |             |                   |
| PROJECT NO. 641153-01000                                    |             |                   |
| BARTON-ASCHMAN ASSOCIATES INC.<br>ENGINEERS - DALLAS, TEXAS |             |                   |
| DESIGNED  | DRAWN       | DATE              |
| APPROVED APM  | CHECKED APM | 05/27/97          |
| SCALE 1" = 20'  |             | FILE sigdet11.dgn |
| SHEET 8   |             | OF 15             |