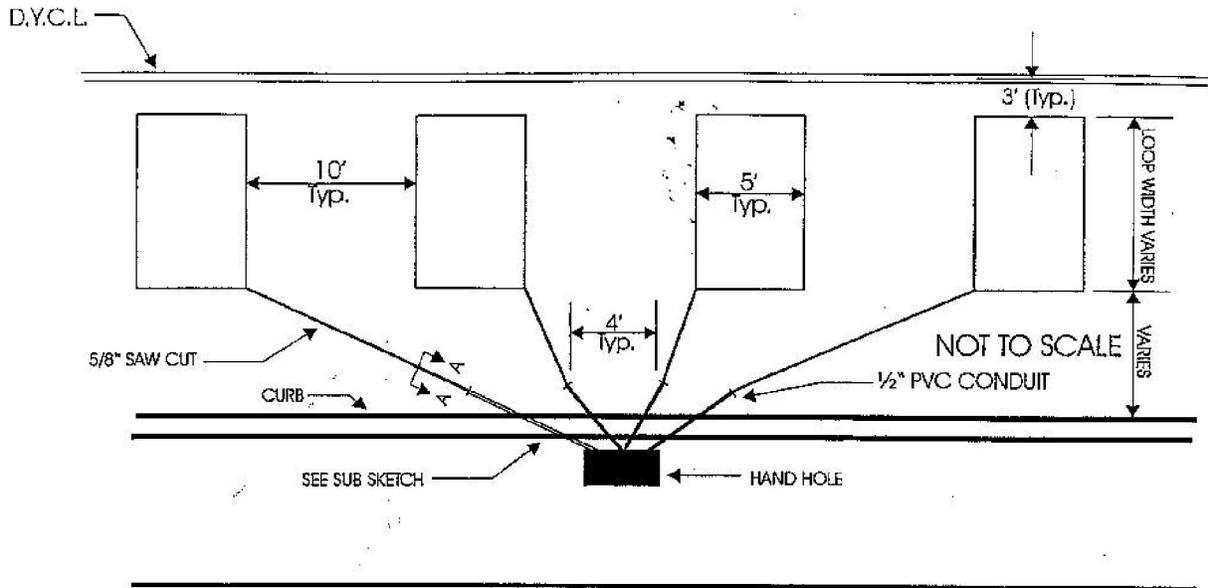
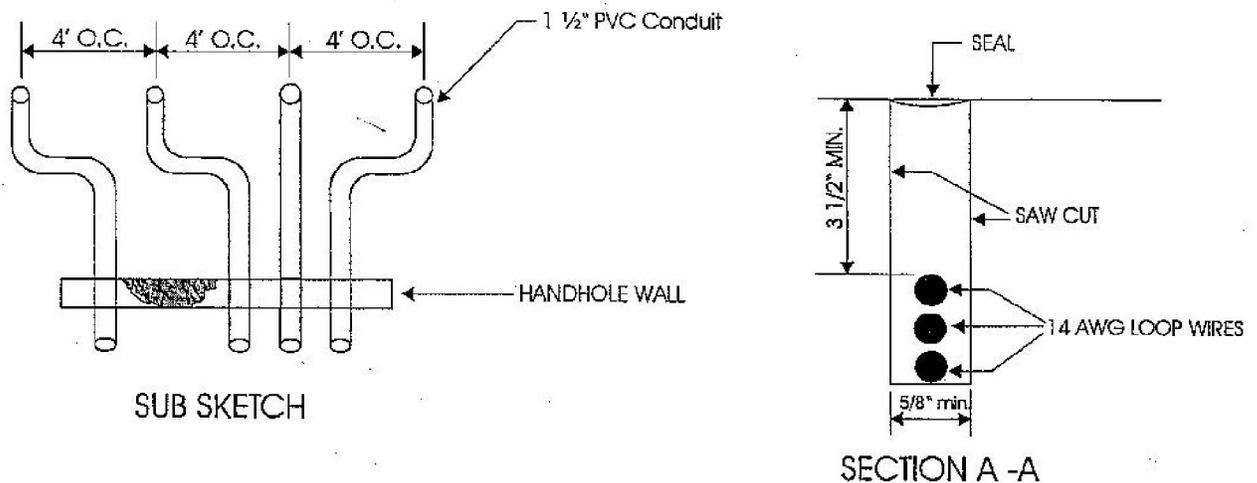


TYPICAL LOOP DETECTOR DETAIL



FOR ACTUAL SAW CUT REFER TO SPEC. A11.1



- 1.) ALL WIRES SHALL BE PER I.M.S.A. SPECIFICATION 61-5 (LATEST REVISION). EACH PAIR SHALL BE TWISTED SEPARATELY FROM LOOP CORNER TO THE SHIELDED CABLE IN HAND HOLE.
- 2.) IN HAND HOLE, SPLICE ALL LOOP WIRE TO THE 2 CONDUCTOR #14 AWG CABLE (WITH METALLIC SHIELD AND DRAIN WIRE, AS PER I.M.S.A. SPECIFICATION 50-2 (LATEST REVISION). SPLICES TO BE SOLDERED.
- 3.) LOOPS SHALL BE SPLICED IN PARALLEL, IN SERIES, OR IN COMBINATION OF PARALLEL AND SERIES, AS REQUIRED TO MATCH THE DETECTOR AMPLIFIER, PER MANUFACTURER'S RECOMMENDATIONS AND SHALL HAVE INDUCTANCE IN THE RANGE OF 50 TO 500 MICRO-HENRIES PER BTD SPECIFICATION FOR LOOP DETECTOR TEST DATED MAY 23, 1978 OR LATEST REVISION..
- 4.) NUMBER OF TURNS PER LOOP SHALL BE 3 TURNS UNLESS SPECIFIED OTHERWISE BY THE BTD ENGINEER.
- 5.) DETECTOR WIRE SHALL BE IDENTIFIED AS TO LOOP SEGMENT IN HANDHOLE WITH PERMANENT LABELS. THE FRONT LOOP SHALL BE #1, FOLLOWING LOOPS #2, #3 AND #4.

REV. 12-31-98

A 12.4