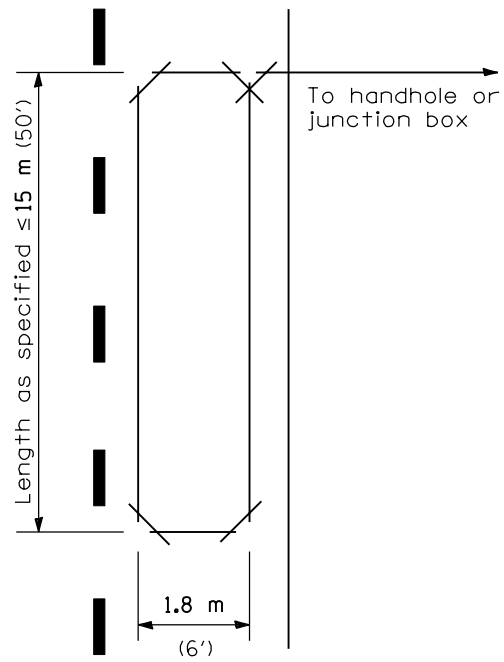
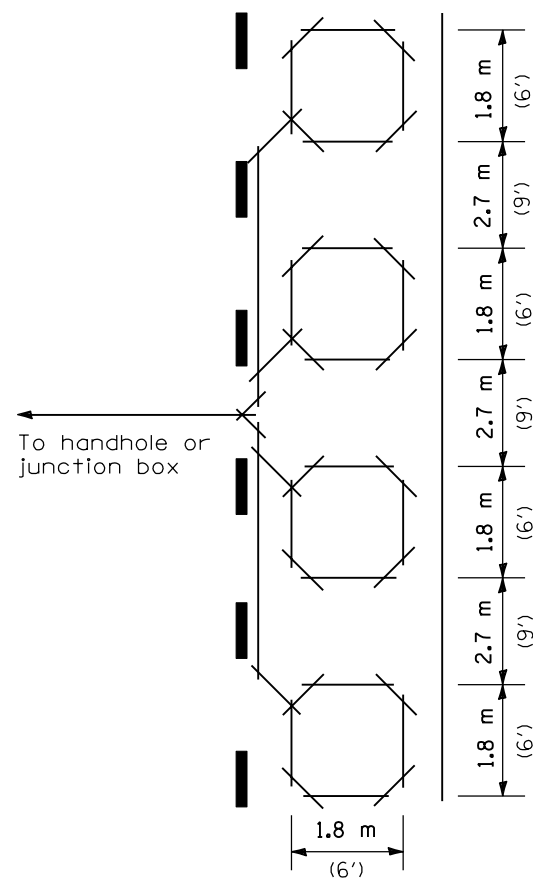


FOR POINT DETECTION
SHORT LOOP

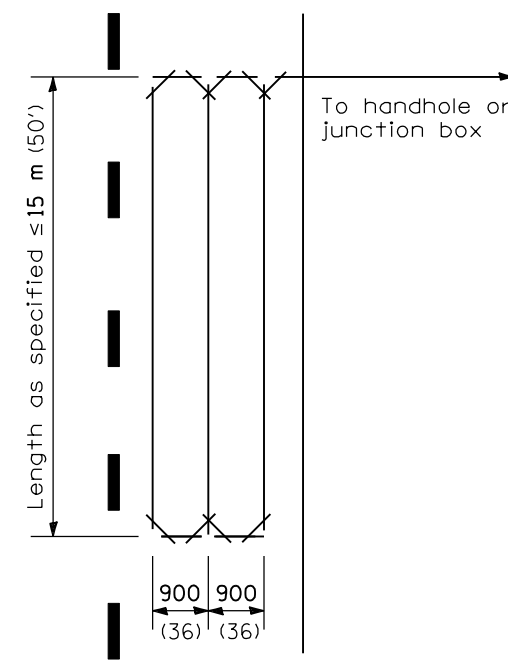


FOR PRESENCE DETECTION
LONG LOOP

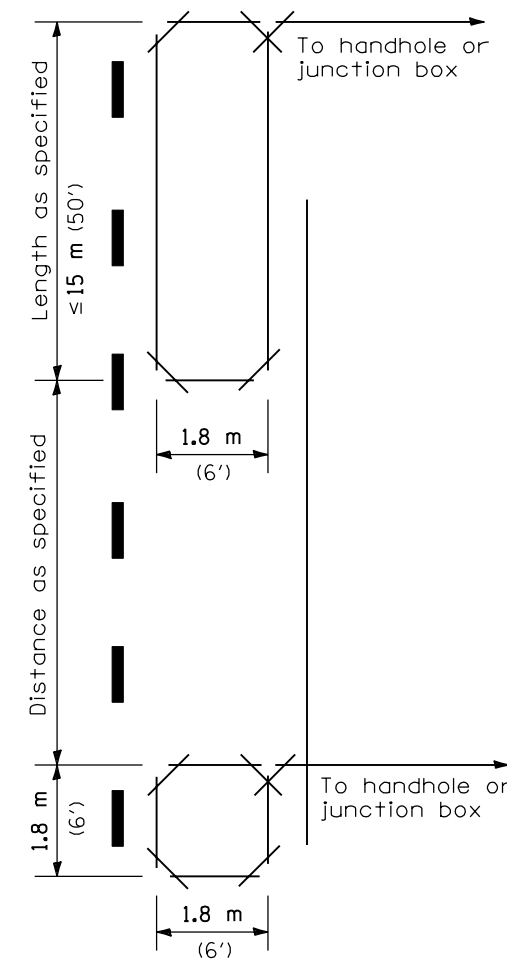


FOR PRESENCE DETECTION
MULTIPLE LOOP IN SERIES

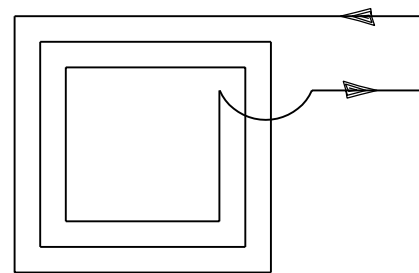
SLOT PLAN



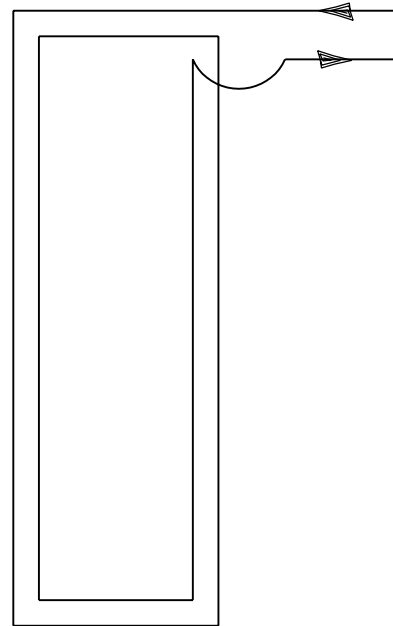
FOR PRESENCE DETECTION
QUADRUPOLE LOOP



FOR EXTENDED-CALL DETECTION

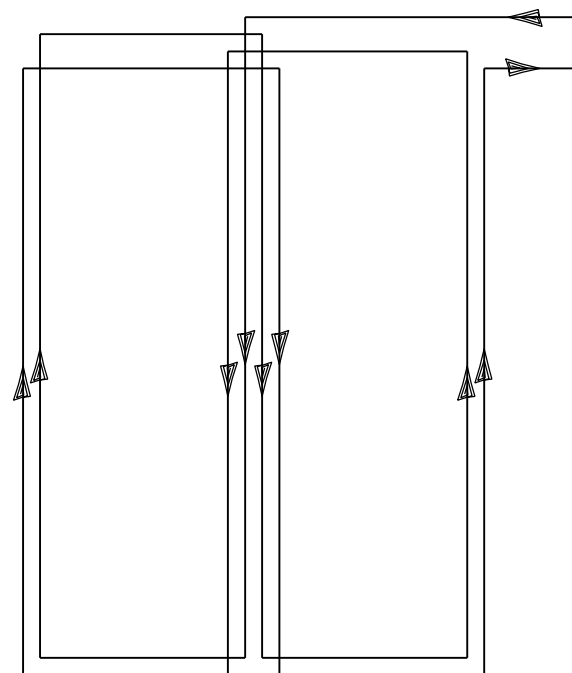


SHORT LOOP



LONG LOOP

WIRING DIAGRAM



QUADRUPOLE LOOP

All dimensions are in millimeters (inches) unless otherwise shown.

Illinois Department of Transportation

APPROVED January 1, 2002
ENGINEER OF OPERATIONS

APPROVED January 1, 2002
Michael L. Hine
ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED 1-1-02

DATE	REVISIONS
1-1-02	Renum. Standard 846006.
1-1-97	Renum. Standard 2394-1.

**TYPICAL LAYOUTS
FOR DETECTION LOOPS**

STANDARD 886006