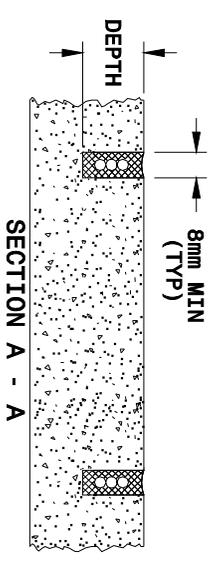


7-06

ENGLISH STANDARD DRAWING FOR  
**INDUCTIVE DETECTION LOOPS**

**SAW SLOT DEPTH CHART**

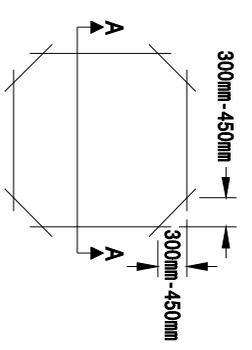
DEPTH (mm)	NO. OF WIRE LAYERS					
	2	3	4	5	6	
CONCRETE	50	50	65	65	75	
ASPHALT	50	65	75	75	75	



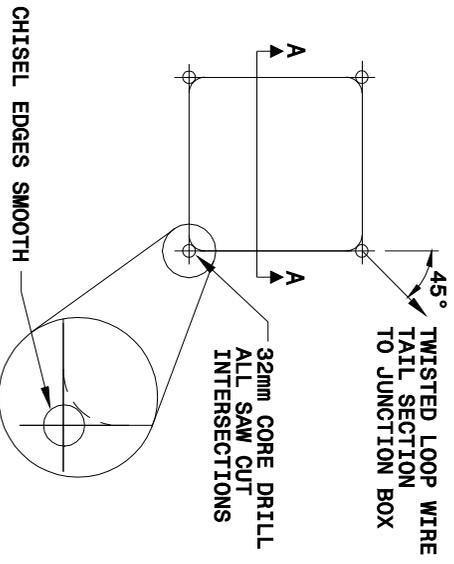
**CONVENTIONAL 4-SIDED LOOP**

**SAW CUT OPTIONS**

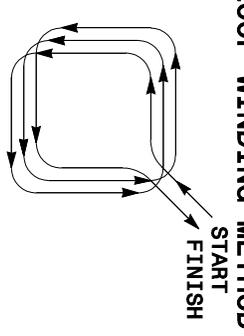
OPTION 1



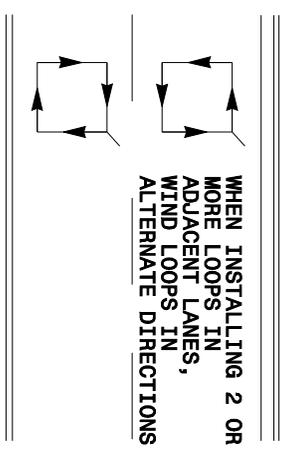
OPTION 2  
(POOR PAVEMENT)



**LOOP WINDING METHOD**



WHEN INSTALLING 2 OR MORE LOOPS IN ADJACENT LANES, WIND LOOPS IN ALTERNATE DIRECTIONS



**LOOP WIRE TWISTING METHOD**

INCORRECT WAY TO TWIST WIRE



CORRECT WAY TO TWIST WIRE



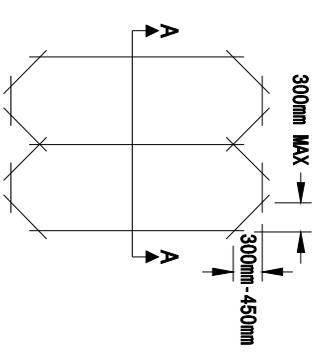
**NOTES**

1. OVERLAP SAW CUTS AT CORNERS AND INTERSECTION POINTS TO ENSURE UNIFORM SAW SLOT DEPTH.
2. PROVIDE 16mm MINIMUM SLOT FROM EDGE OF LOOP TO EDGE OF PAVEMENT FOR TWISTED LOOP WIRE TAIL SECTIONS.
3. MAINTAIN 300mm SPACING BETWEEN TWISTED LOOP WIRE TAIL SECTIONS.
4. WIRE LOOPS CONNECTED TO THE SAME DETECTOR IN SERIES.
5. LOCATE LOOPS IN CENTER OF LANES UNLESS OTHERWISE SHOWN ON PLANS.

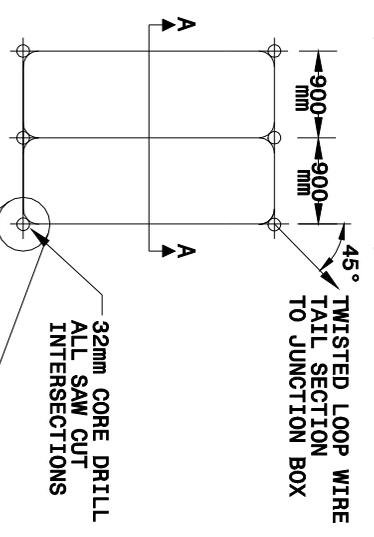
**QUADRUPOLE LOOP**

**SAW CUT OPTIONS**

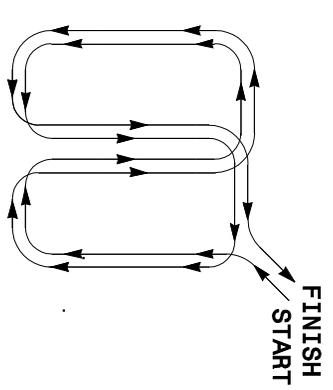
OPTION 1



OPTION 2  
(POOR PAVEMENT)



**LOOP WINDING METHOD**



ENGLISH STANDARD DRAWING FOR  
**INDUCTIVE DETECTION LOOPS**

7-06