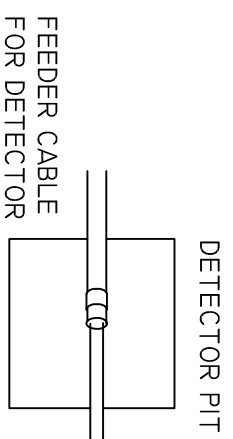


**LOOP DETECTOR LAYOUT**

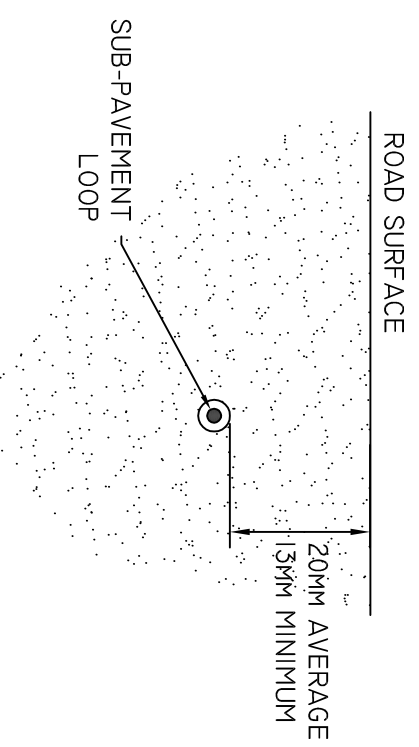
ALL DIMENSIONS ARE TYPICAL

**NOTES**

1. LOOP DETECTOR CABLE AND FEEDER CABLE SHALL BE JOINTED IN DETECTOR PIT. EACH JOINT MUST BE SEPARATELY INSULATED WITH AN APPROVED PERMANENT METHOD.
2. ALL FEEDER CABLES SHALL BE LABELLED WITH APPROVED CABLE MARKERS WITH LOOP NUMBER.
3. THE LOOP CABLE SHALL BE A PERFORMED LOOP ENCAPSULATED IN A PROTECTIVE, ADHESIVE MEMBRANE SO THAT THEY MAY BE LAID WITHIN A ROAD PAVEMENT AS A SINGLE UNIT.
4. THE LOOP CABLE SHALL BE INDIVIDUAL RAN WIRES JOINED TO MAKE A LOOP.
5. SUB-SURFACE LOOPS MUST BE INSTALLED ON A FLAT FACED SURFACE, CAN NOT BE INSTALLED ON LOOSE SURFACE (EG. CRUSHED ROCK).
6. TAILS OF SUBSURFACE LOOP SHALL BE ENCAPSULATED IN A PROTECTIVE ADHESIVE MEMBRANE BELOW PAVEMENT AND INSTALLED INTO LOOP ACCESS. THEY SHALL NOT BE INSTALLED OVER THE TOP OF SUB SURFACE LOOP.
7. SUB-SURFACE LOOPS ARE THE PREFERRED INSTALLATION METHOD OF VEHICLE DETECTORS.
8. DOUBLE TURN OF CABLE SHALL BE INSTALLED FOR BOTH LOOP A AND LOOP B WHERE PAVEMENT SURFACE IS UNSUITABLE, LOOPS MAY BE SET BACK UP TO 4M FROM STOP LINE.



**DETAIL A**  
LOOP WINDING TERMINAL DESIGNATION



**TYPICAL SUB-PAVEMENT LOOP LAYOUT**

**DEPARTMENT OF STATE GROWTH**

STANDARD DRAWING  
SUB-PAVEMENT LOOP PATTERN &  
INSTALLATION DETAILS (EZY LOOP)

DO NOT SCALE  
USE OF THIS DRAWING IS GOVERNED BY THE CONDITIONS ON THE  
DEPARTMENT STATE GROWTH WEBSITE.  
IT IS THE USERS RESPONSIBILITY TO ENSURE IT IS THE CURRENT REVISION.  
STANDARD DRAWING NUMBER  
SD-101-302

REVISION NUMBER  
A

ISSUE	DETAILS	DRN	DATE	DRAWN	B. VINEY	REVIEWED	N. HARREX	APPROVED
A	ISSUED FOR APPROVAL							

0	10	20	30	40	50	60	70	80	90	100	4
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5	6	7	8	9	10
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