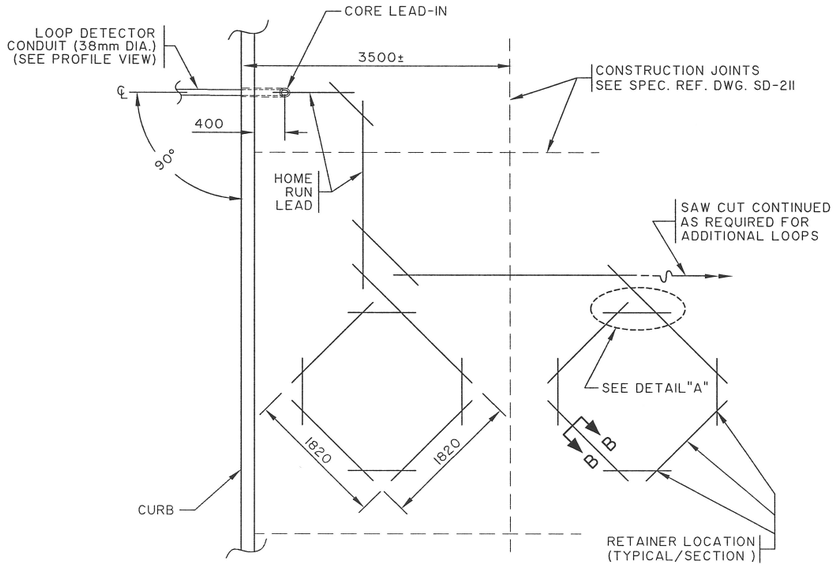
APPENDIX ‘C’

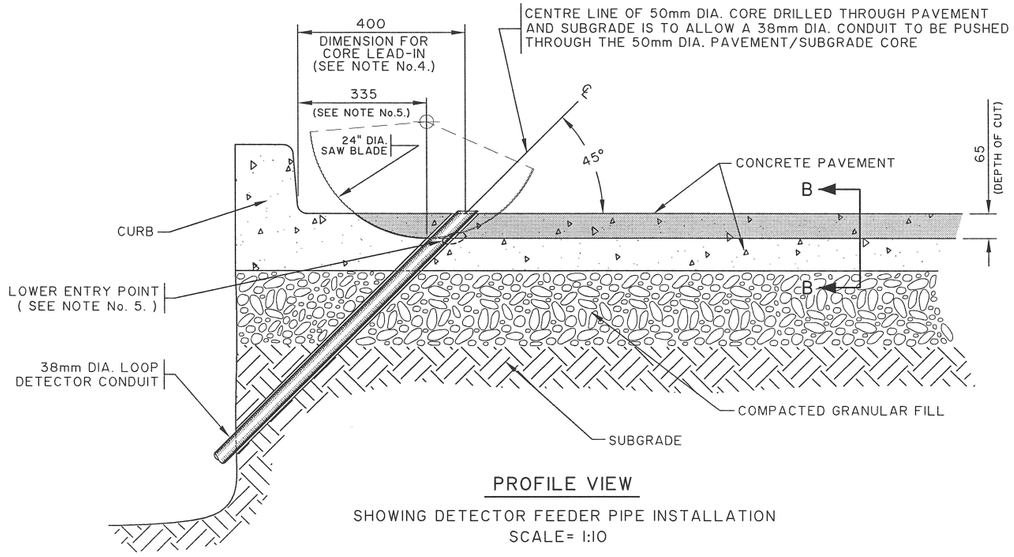
VEHICLE DETECTOR LOOP DRAWINGS



PLAN VIEW

SHOWING SAW CUT CONFIGURATION

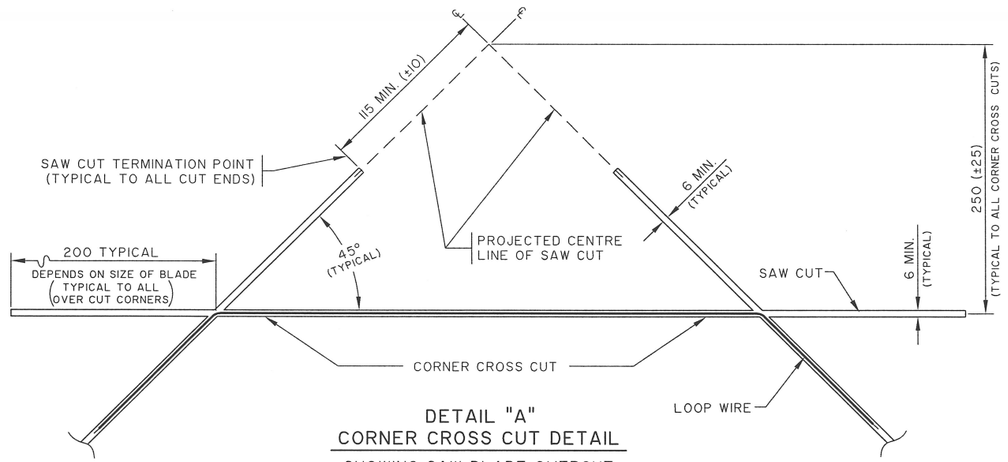
SCALE= 1:50



PROFILE VIEW

SHOWING DETECTOR FEEDER PIPE INSTALLATION

SCALE= 1:10

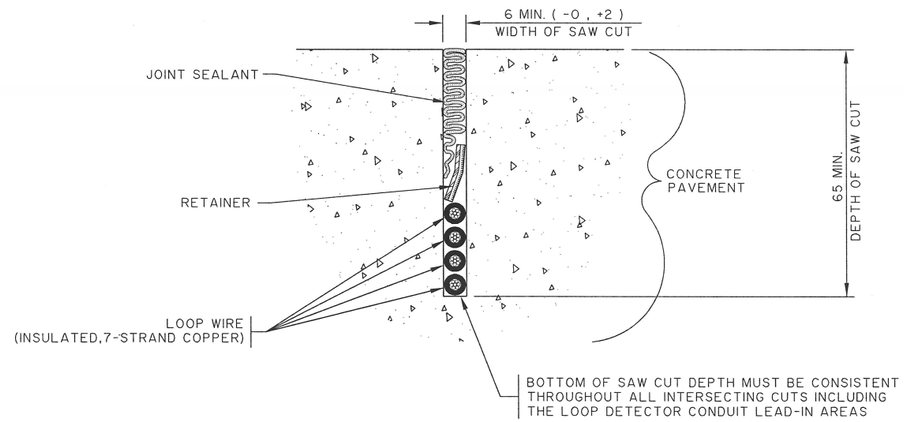


DETAIL "A"

CORNER CROSS CUT DETAIL

SHOWING SAW BLADE OVERCUT

SCALE= N.T.S.



SECTION "B-B"

SAW CUT CROSS SECTION DETAIL

SHOWING WIRE/RETAINER/SEALANT PLACEMENT WITHIN SAW CUT

SCALE= 1:1

NOTE:

1. MARK AND CUT THE LOOP IN THE LOCATION SUPPLIED ON THE CONSTRUCTION DRAWING .
2. MEASURE AND CONFIRM ADEQUATE WIRE SLOT DEPTH PRIOR TO INSTALLING AND TESTING THE LOOP WIRE .
3. HOME RUN LEAD MUST EXIT DETECTOR LOOP FROM EITHER END OF MOST "CENTRE OF LANE" ANGLE CUT AND REMAIN IN CENTRE AREA OF LANE PARALLEL TO CURB UNTIL A 90° ENTRY CAN BE MADE TO THE LEAD-IN.
4. EXISTING CORE LEAD-IN DIMENSION MAY VARY.
5. SAW THROUGH FULL DIAMETER OF CORE LEAD-IN PIPE TO ENSURE FULL DEPTH IS MAINTAINED AT LOWER ENTRY POINT.

ALL DIMENSIONS ARE IN MILLIMETRES

NO.	REVISIONS	DATE	BY
2.	REVISED CONSTRUCTION NOTES	09/03/09	N.B.
1.	REVISED TO SIGNALS SPEC./CAD.FILE	01/03/26	N.B.

REFERENCE SPEC. NO.

CW-3620

DESIGNED BY	N.K.B. 01/03/09	CHECKED BY	N.K.B. 09/03/25
DRAWN BY	B.H. 01/03/14	SCALE	AS SHOWN

APPROVED BY

ORIGINAL SIGNED ON FILE L. ESCOBAR APRIL 21/09

DATE

ENGINEER'S SEAL

PROVINCE OF MANITOBA
APRIL 21/09
L. E. ESCOBAR
Member 20766
REGISTERED PROFESSIONAL ENGINEER

Winnipeg

THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT

TRANSPORTATION DIVISION

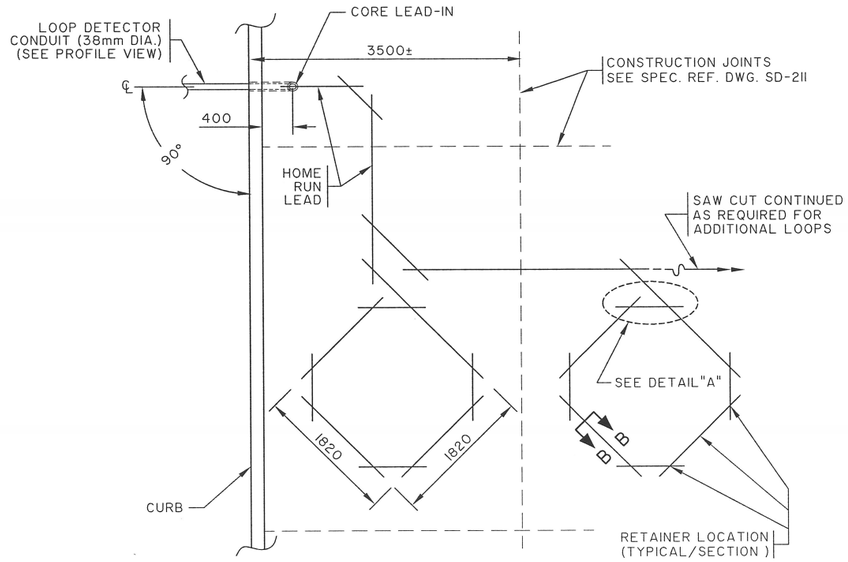
SAW CUT INSTALLATION METHOD FOR TRAFFIC SIGNALS VEHICLE DETECTOR LOOPS IN CONCRETE

SHEET 1 OF 1

CAD FILE DRAWING NUMBER C:\SIGNALS\ST-DWG.\ST-62

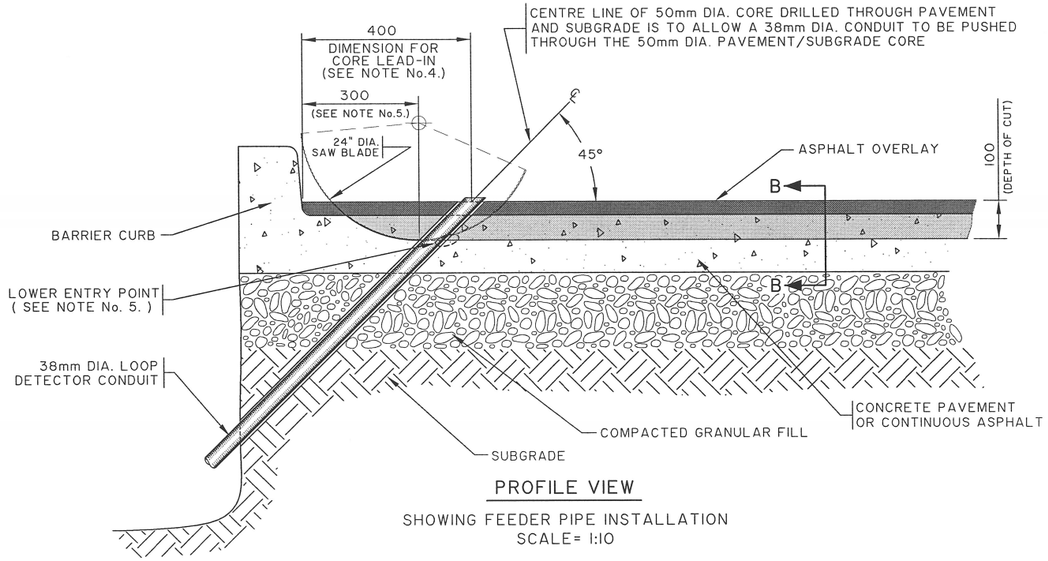
CITY DRAWING NUMBER

ST-62



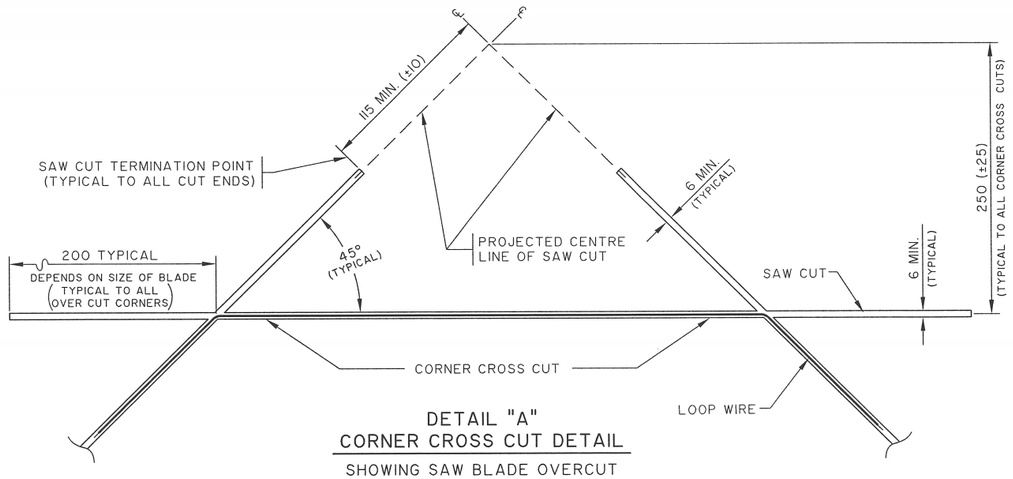
PLAN VIEW

SHOWING SAW CUT CONFIGURATION
SCALE= 1:50



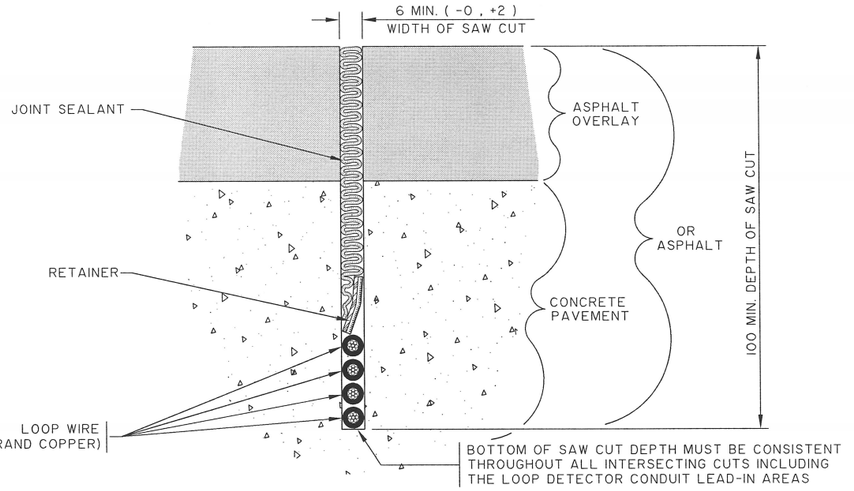
PROFILE VIEW

SHOWING FEEDER PIPE INSTALLATION
SCALE= 1:10



DETAIL "A"
CORNER CROSS CUT DETAIL

SHOWING SAW BLADE OVERCUT
SCALE= N.T.S.



SECTION "B-B"
SAW CUT CROSS SECTION DETAIL

SHOWING WIRE/RETAINER/SEALANT PLACEMENT WITHIN SAW CUT
SCALE= 1:1

NOTE:

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REGISTERED PROFESSIONAL ENGINEER

Winnipeg

THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT

TRANSPORTATION DIVISION

DEEP SAW CUT INSTALLATION METHOD FOR TRAFFIC SIGNALS VEHICLE DETECTOR LOOPS IN ASPHALT OR ASPHALT OVERLAY

SHEET 1 OF 1

CAD FILE DRAWING NUMBER
C:\SIGNALS\ST-DWG.\ST-144

CITY DRAWING NUMBER
ST-144