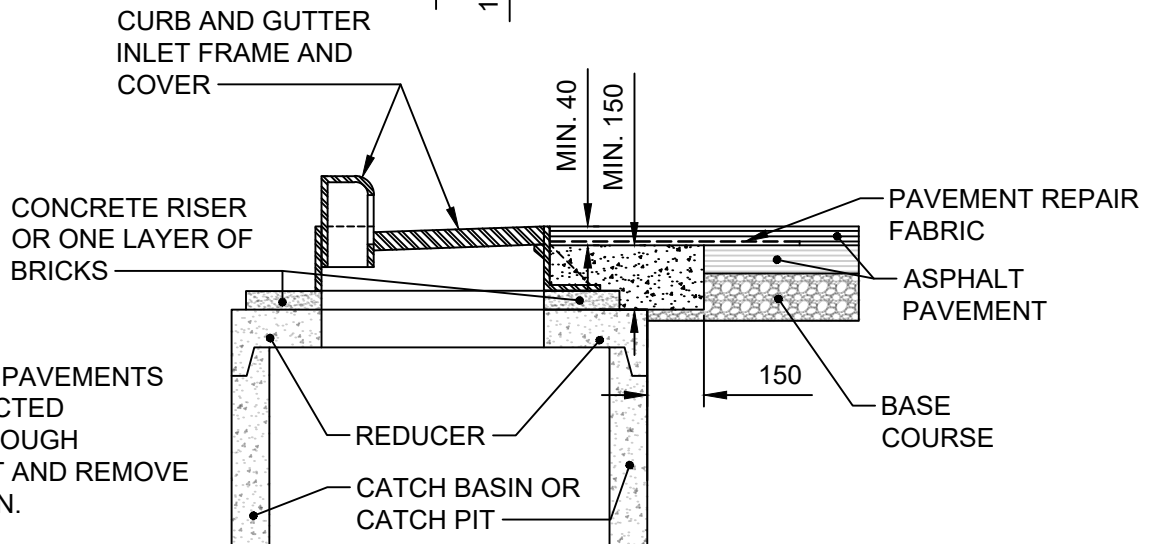
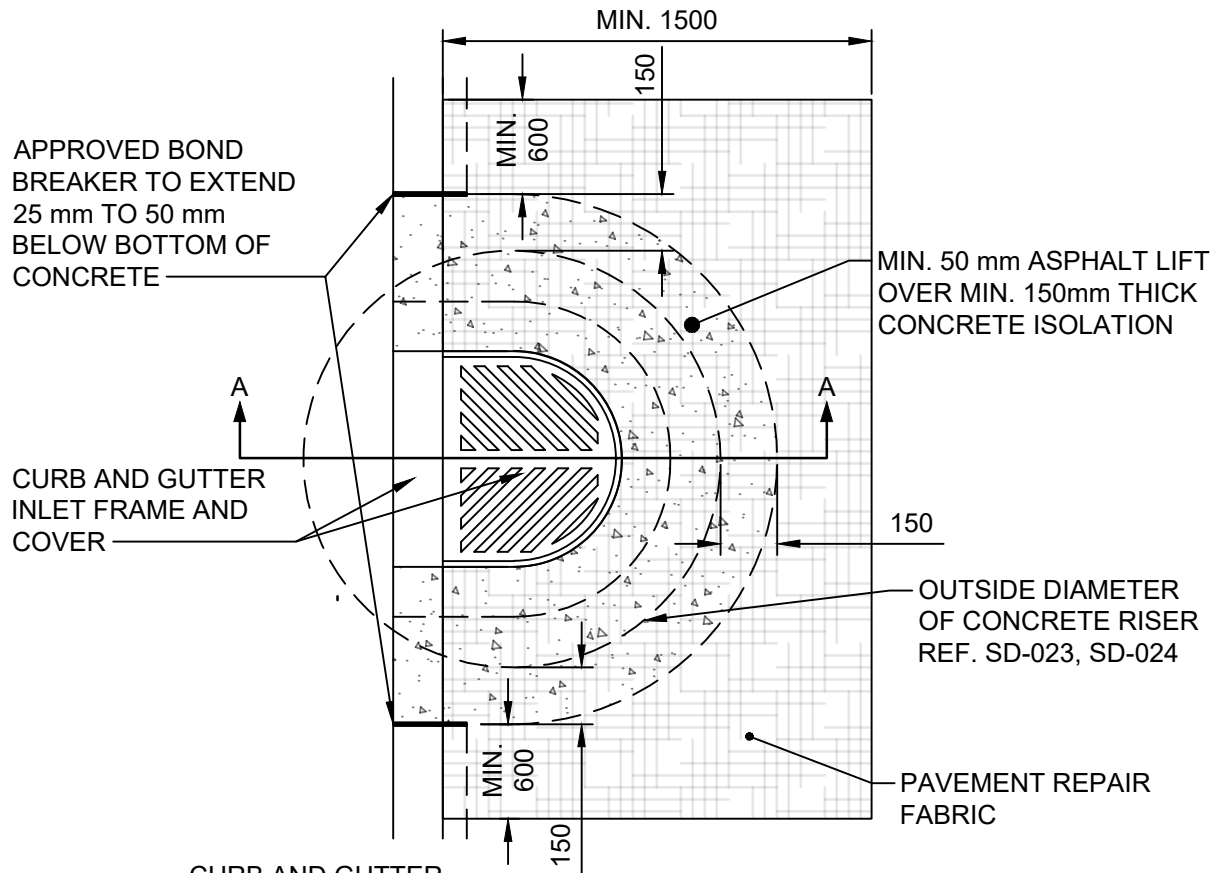


APPENDIX D

CONSTRUCTION DETAILS



NOTE:

CURB FOR ASPHALT PAVEMENTS SHALL BE CONSTRUCTED CONTINUOUSLY THROUGH ISOLATION. SAW CUT AND REMOVE CURB FOR ISOLATION.

SECTION A-A

DIMENSIONS IN MILLIMETRES



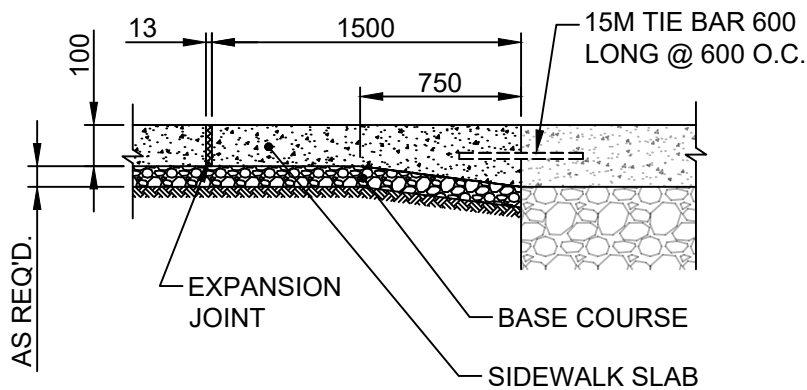
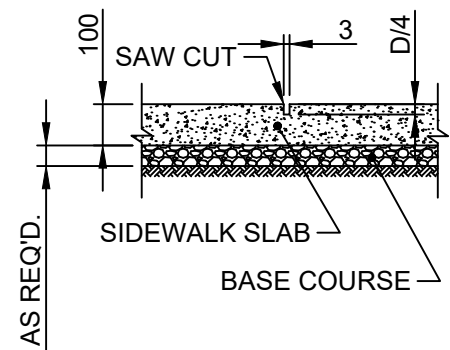
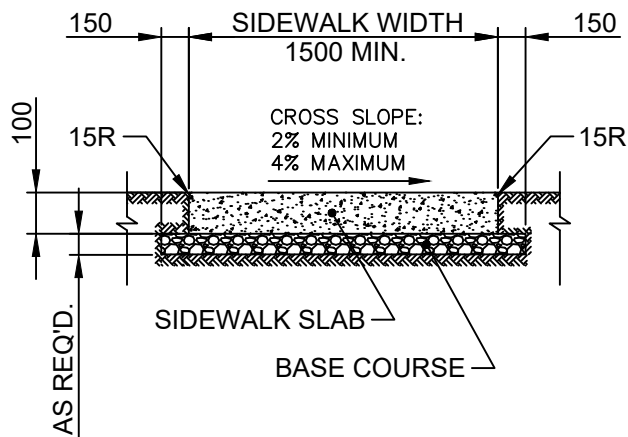
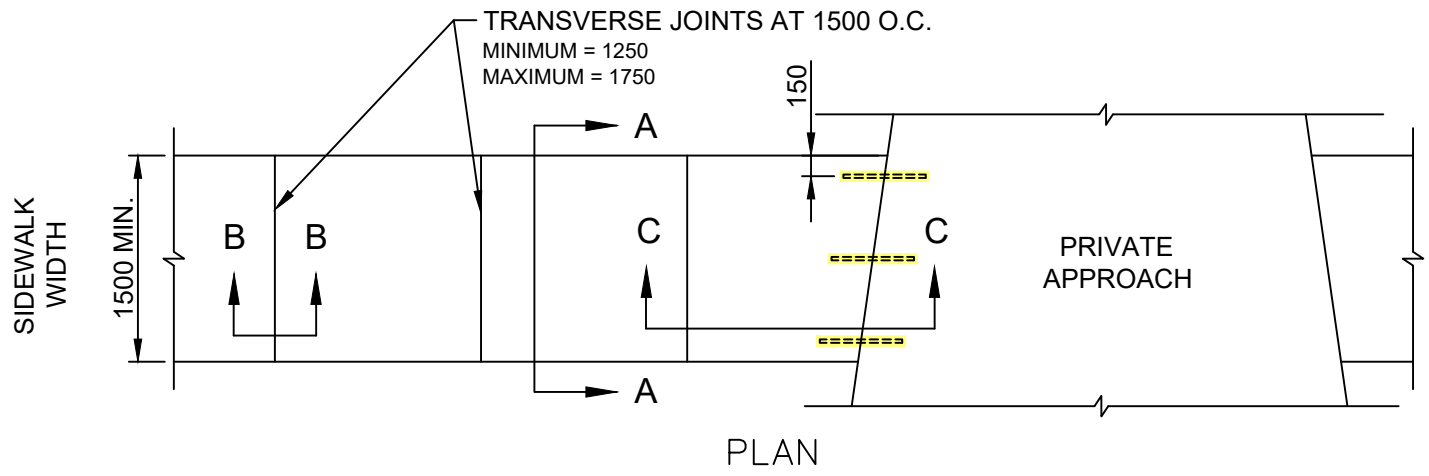
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Reference Spec. No.
CW 3325

**CURB AND GUTTER INLET
ISOLATION DETAIL FOR
ASPHALT PAVEMENTS**

Revisions			
No.	Date	Description	By
1.	FEB 25	ADDED ROUNDED FRAME	T.K.

Designed By: A.G.	Drawn By: R.B.	Scale : N.T.S.
Checked By: B.K.	Date: 2024-10-01	Drawing No. SD-220D
Approved: PAVEMENT MANAGEMENT BRANCH		DRAFT



NOTE:

1. SIDEWALK SLAB SURFACE WILL BE GIVEN A TEXTURED BROOM FINISH. NO EDGER MARKS WILL BE LEFT
2. LONGITUDINAL JOINTS AT 1500 O.C. MAXIMUM
3. FOR PRIVATE APPROACHES WITH CURBS, CURB RAMPS SHALL BE INSTALLED

DIMENSIONS IN MILLIMETRES



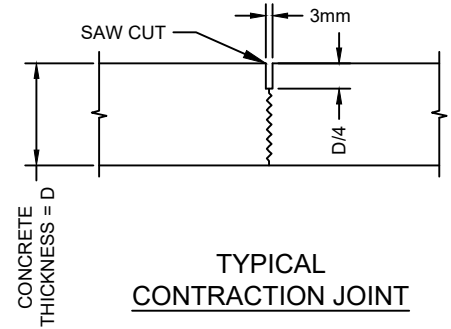
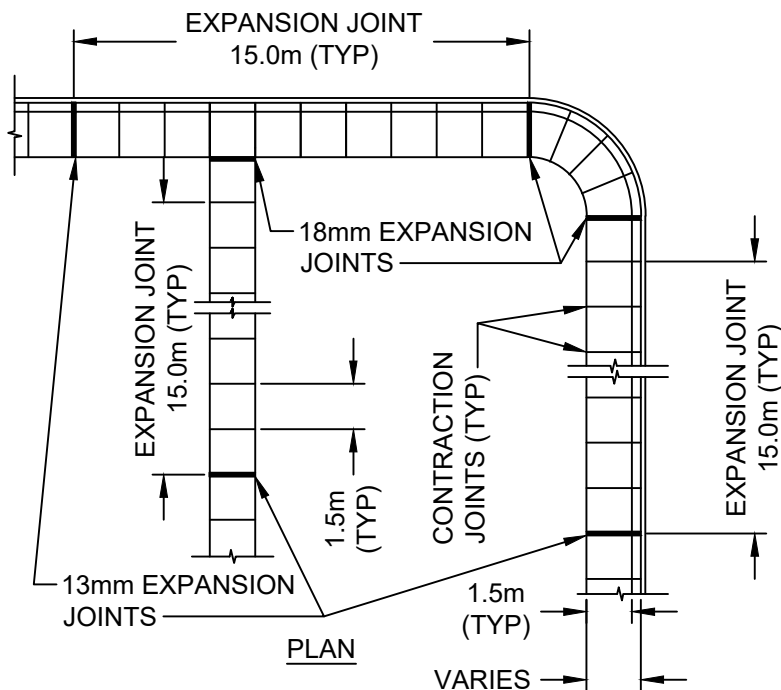
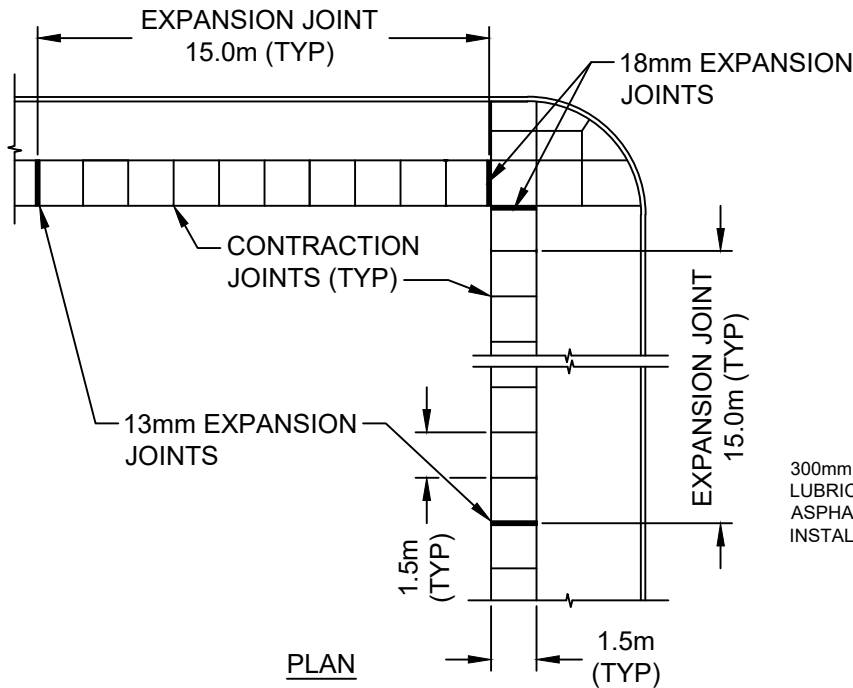
THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT

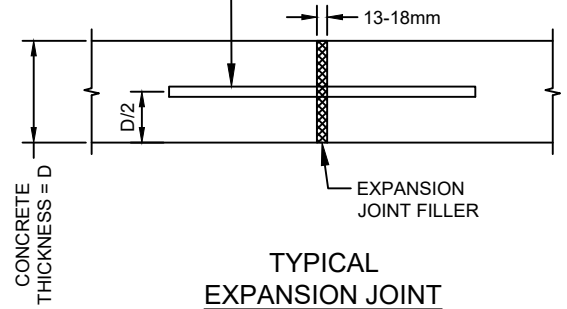
Reference Spec. No.
CW 3235, CW 3310, CW 3325

CONCRETE SIDEWALK

Revisions			
1.	OCT 24	ADDED TIE BARS	R.B.
No.	Date	Description	By
Designed By:		Drawn By:	Scale :
A.G.		R.B.	N.T.S.
Checked By:		Date:	Drawing No.
B.K.		2024-10-01	
Approved:			SD-228A
PAVEMENT MANAGEMENT BRANCH			



300mm LONG 10M DOWELS
LUBRICATED WITH
ASPHALTIC CUT-BACK,
INSTALLED 450mm O/C



NOTES:

1. IF SIDEWALK IS CONSTRUCTED DURING COLD WEATHER CONCRETING PERIOD, EXPANSION JOINTS SHALL BE INSTALLED EVERY 12.0m
2. EXPANSION JOINTS SHALL NOT BE INSTALLED WHEN CONSTRUCTING MONOLITHIC CURB AND SIDEWALK
3. EXPANSION JOINTS SHALL BE INSTALLED WHEN INSTALLING SEPARATE CONCRETE SPLASH STRIP
4. WHEN REPLACING HEAVED PANELS IN AN EXISTING SIDEWALK, EXPANSION JOINTS SHALL BE INSTALLED ON BOTH ENDS OF THE REPLACED PANELS



THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT

Reference Spec. No.
CW 3325

SIDEWALK EXPANSION JOINTS

Revisions

No.	Date	Description	By
1.	FEB 25	ADDED DOWELS	T.K.

Designed By:
A.G.

Drawn By:
R.B.

Scale :
N.T.S.

Checked By:
B.K.

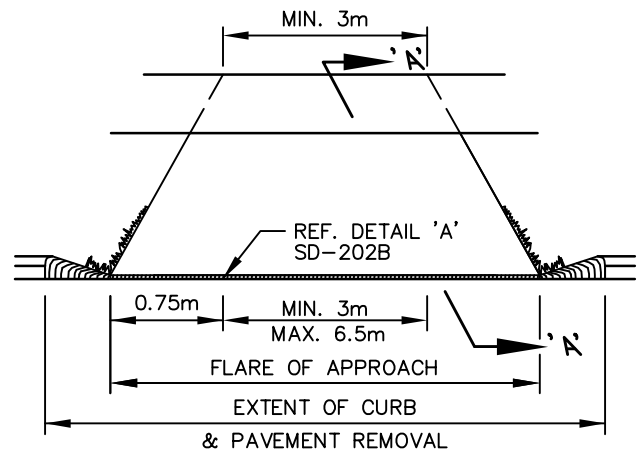
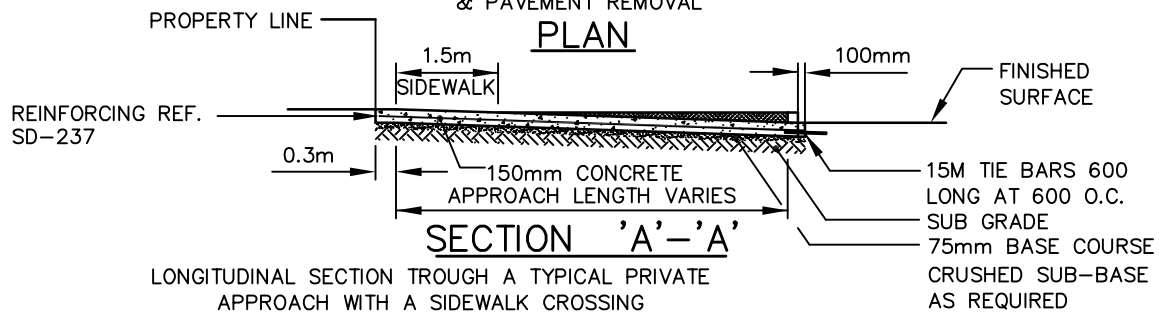
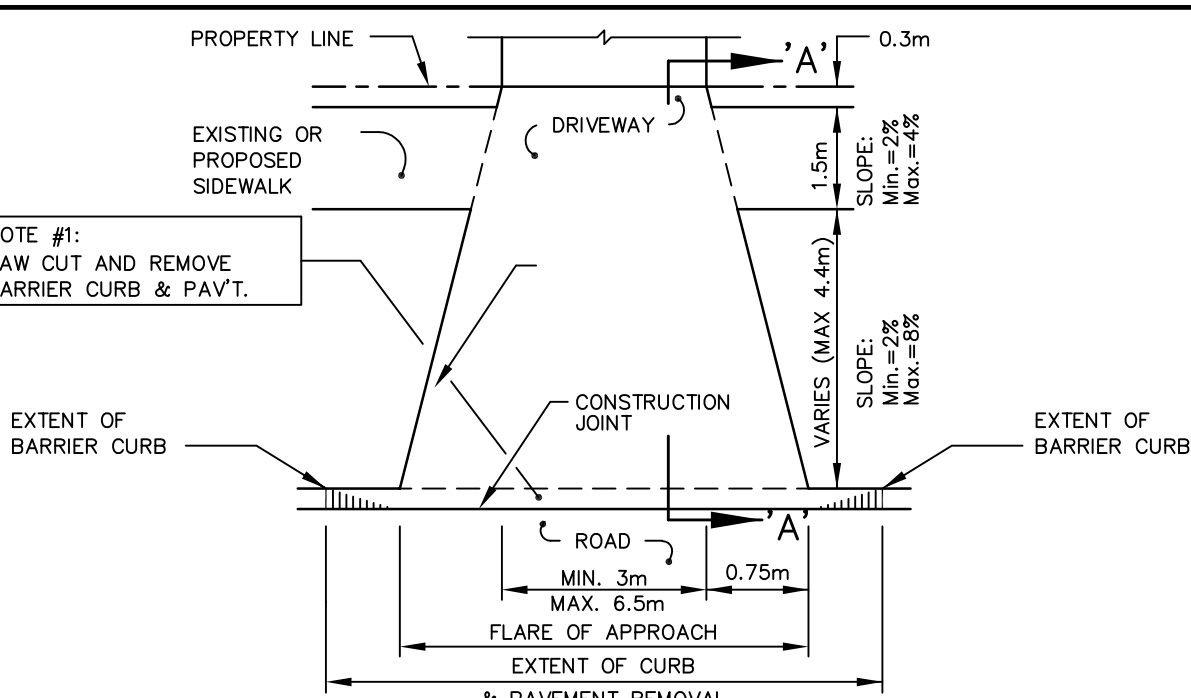
Date:
2024-10-01

Drawing No.

Approved:
PAVEMENT MANAGEMENT BRANCH

SD-228AA

NOTE #1:
SAW CUT AND REMOVE
BARRIER CURB & PAV'T.

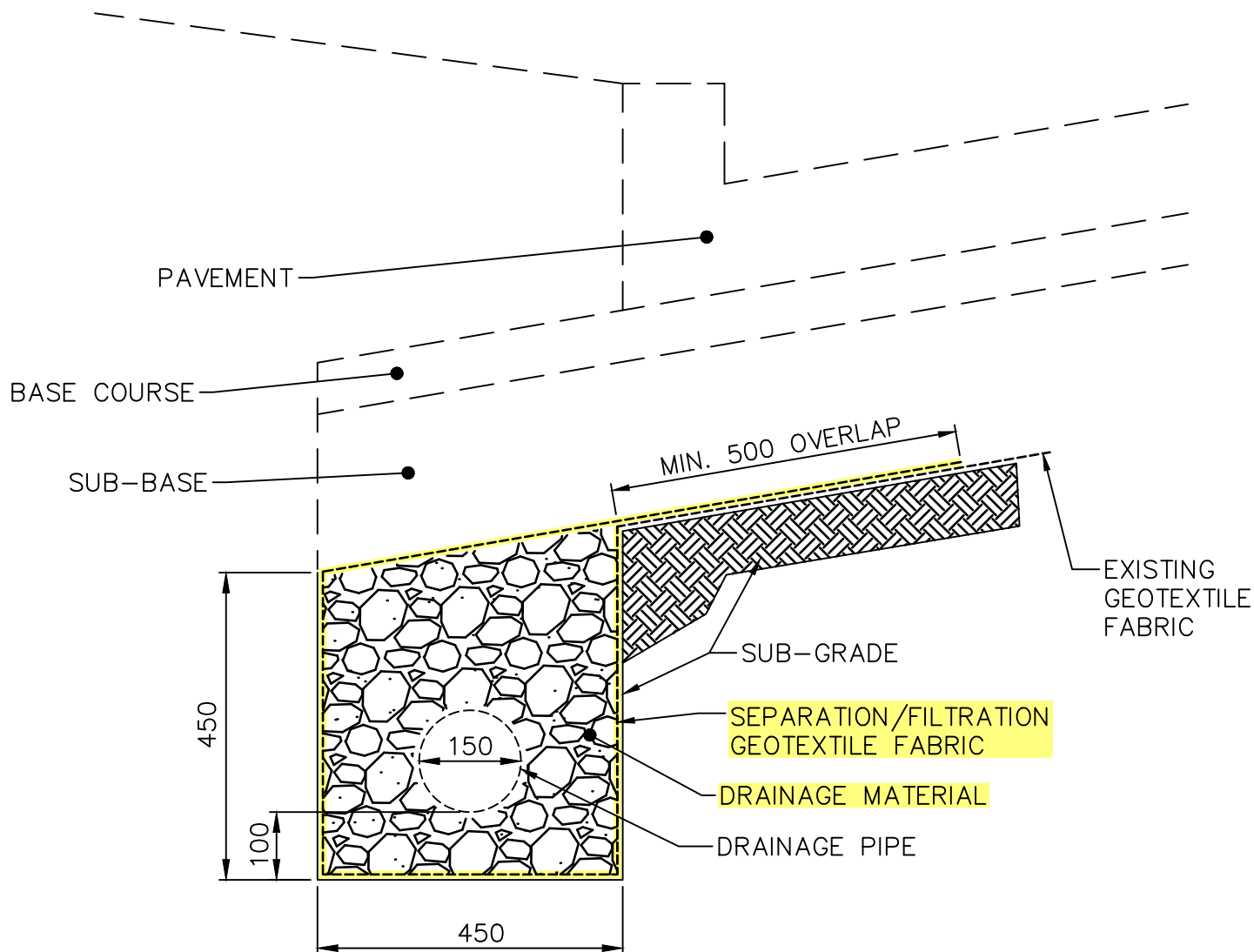


- NOTES:
- EXISTING SIDEWALK SHALL BE REMOVED, THE APPROACH EXTENDED BACK TO THE PROPERTY LINE AND THE SIDEWALK RESTORED TO THE EDGE OF THE APPROACH AS SHOWN.
 - M.H. ISOLATIONS TO BE APPROVED BY CONTRACT ADMINISTRATOR.
 - CONTRACTION JOINT AS REQUIRED TO MATCH STREET TRANSVERSE JOINTS.

FRONTAL PERSPECTIVE OF
FINISHED PRIVATE APPROACH

DIMENSIONS IN MILLIMETRES

 THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT	Revisions			
Reference Spec. No. CW 3230, CW3240, CW 3310	1.	JAN 15	CHANGED FLARE TO 0.75m	T.K.
	No.	Date	Description	By
RESIDENTIAL APPROACH—CONCRETE (WITH EXISTING BARRIER CURB)	Designed By: A.G.		Drawn By: R.B.	Scale : N.T.S.
	Checked By: B.K.		Date: 2024-10-01	Drawing No.
	Approved: PAVEMENT MANAGEMENT BRANCH			SD-235



DIMENSIONS IN MILLIMETRES



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Reference Spec. No.
CW 3110, CW 3120, CW 3130

Revisions

No.	Date	Description	By
1.	OCT 24	GENERAL REVISION	R.B.

SUBDRAIN INSTALLATION
DETAIL

Designed By:
A.G.

Drawn By:
R.B.

Scale :
N.T.S.

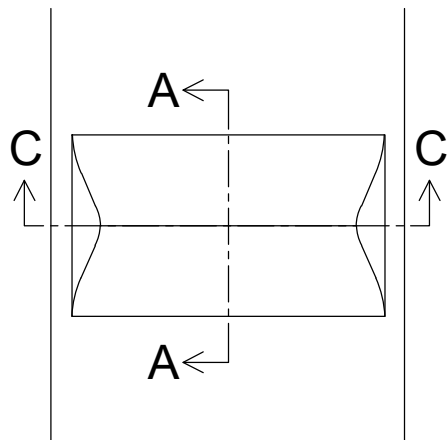
Checked By:
B.K.

Date:
2024-10-01

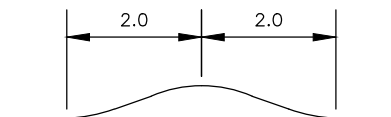
Drawing No.

Approved:
PAVEMENT MANAGEMENT BRANCH

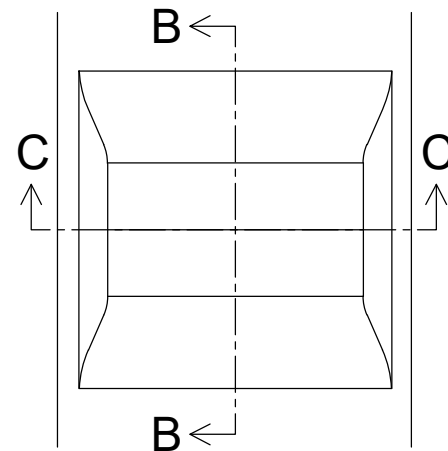
SD-245



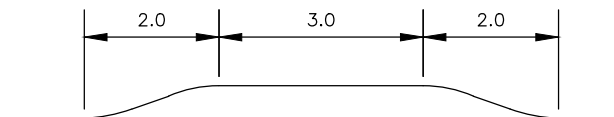
SPEED HUMP



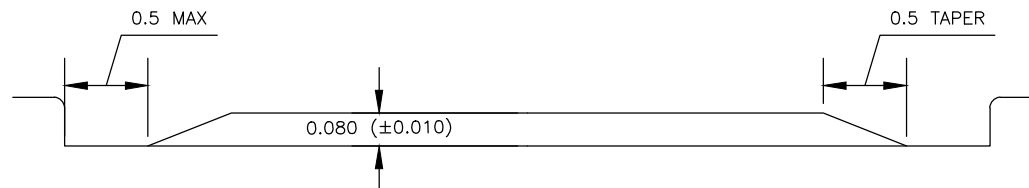
SECTION A-A



SPEED TABLE



SECTION B-B



SECTION C-C

DRAFT



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

TYPICAL
SPEED HUMPS AND SPEED TABLES
DETAILS

STANDARD DRAWINGS

DRAWN BY: GSP
DATE: 2021-07-30

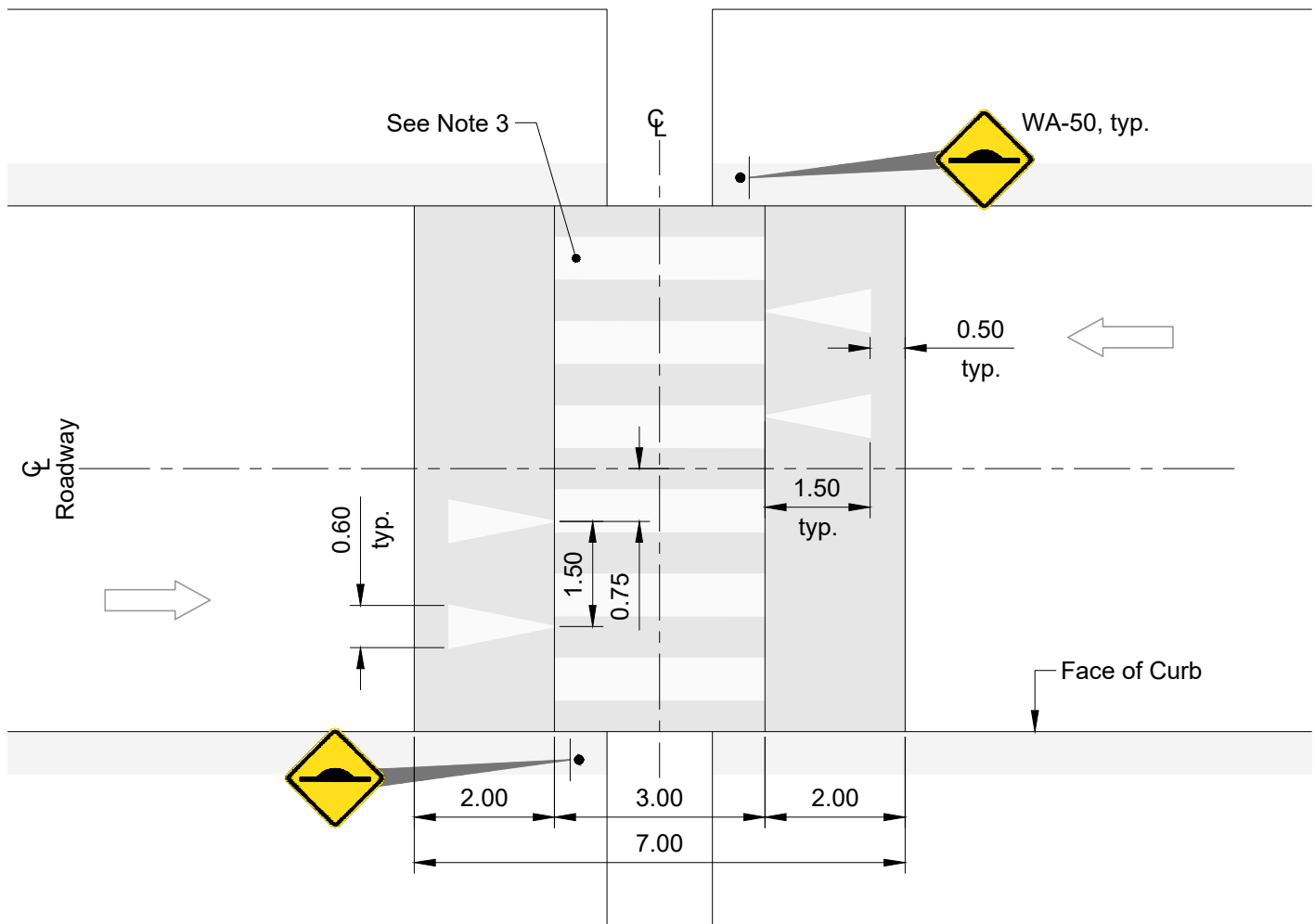
SCALE: NTS

APPROVED BY:

DATE:

CITY DRAWING NUMBER:

SI-17



RAISED CROSSWALK MARKINGS

SCALE 1:100

(7.5m LOCAL RESIDENTIAL STREET)

Notes:

1. All dimensions are in metres.
2. See Appendix D for install locations.
3. See LS-01 for standard pedestrian markings, if required.

NO.	REVISION	DATE	BY
DRAWN BY:	MLM	Jan. 25/23	

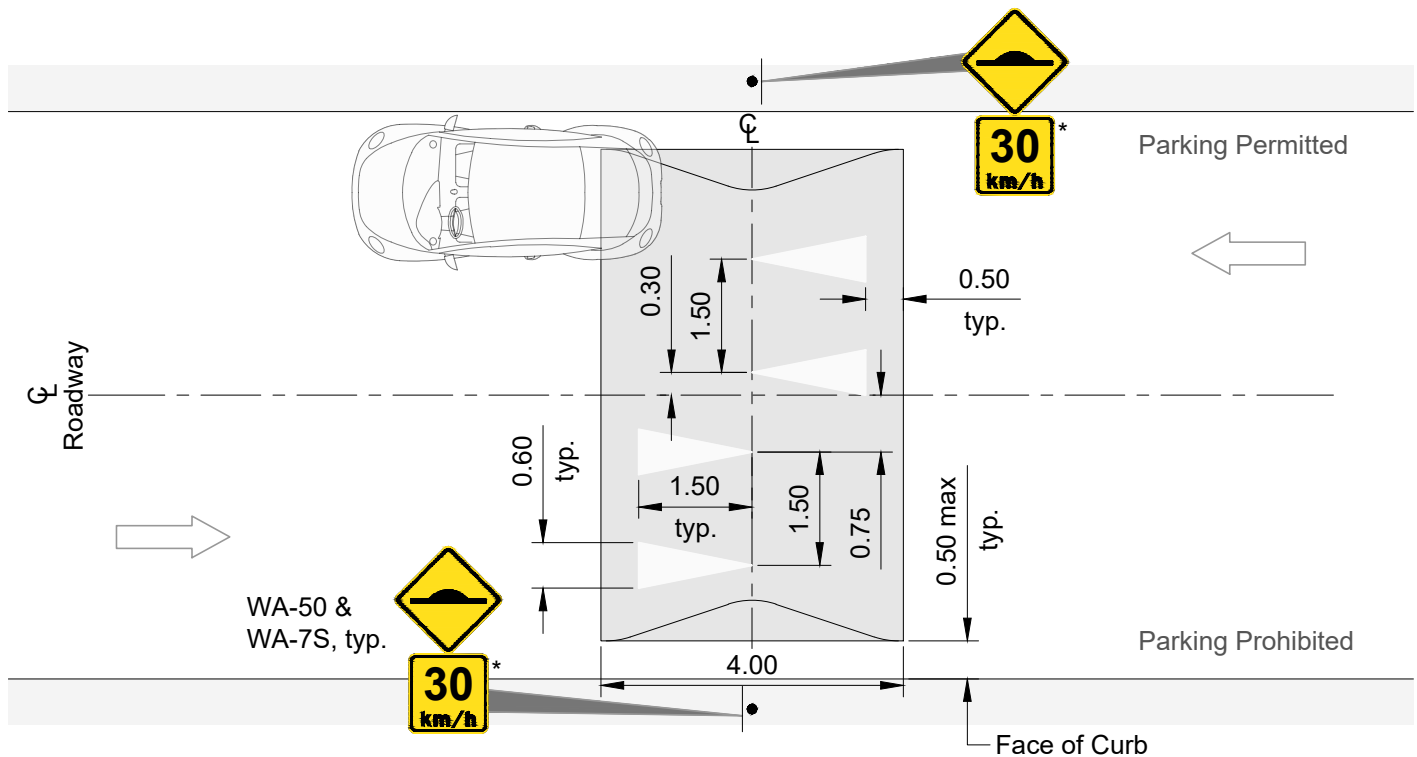


THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

Standard Raised
Crosswalk Markings

DRAWING NUMBER:

LS-04
1 of 4



SPEED HUMP MARKINGS

SCALE 1:100

(7.5m RESIDENTIAL LOCAL STREET)

*20 km/h IN PUBLIC LANES

Notes:

1. All dimensions are in metres.
2. See Appendix D for install locations.

1	Updated distance to face of curb and added longitudinal dimension	Mar. 5/21	MLM
NO.	REVISION	DATE	BY
DRAWN BY: MLM Jul. 4/19			



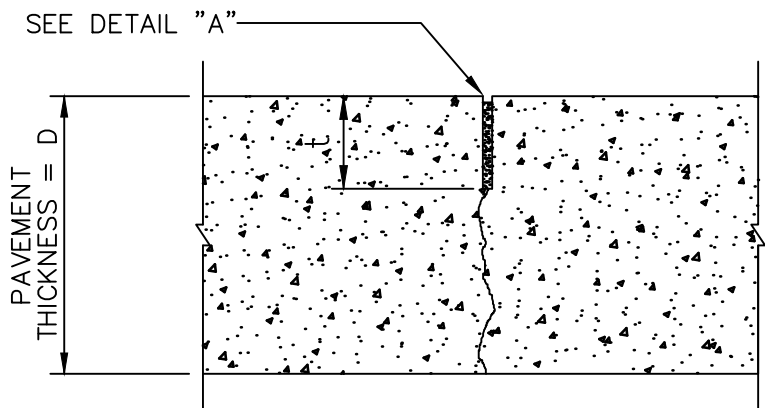
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

Standard Speed Hump
Markings

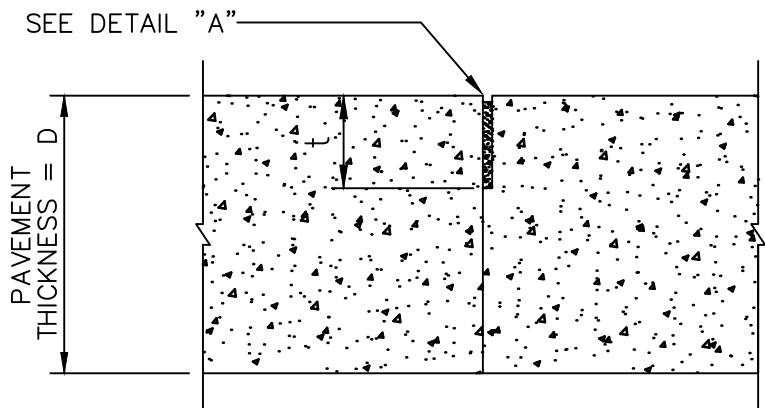
DRAWING NUMBER:

LS-04
4 of 4

TRANSVERSE JOINT: $t=D/3$
LONGITUDINAL JOINT: $t=D/4$

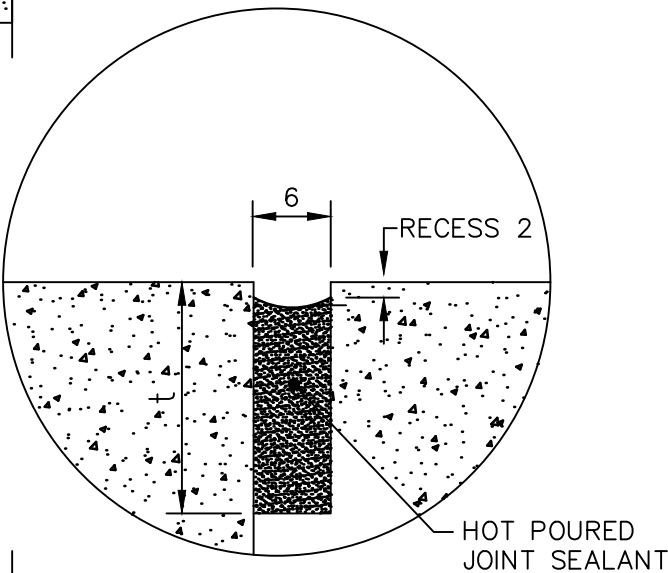


SAWN JOINT



BUTT JOINT

NOTE:
SAWCUT TO BE MADE IN A
SINGLE SAWING OPERATION



DETAIL "A"

- NOTES:
- 1. SEALING OF CONCRETE JOINTS NOT REQUIRED IF THE JOINTS ARE BEING OVERLAYED WITH ASPHALT.
 - 2. REINFORCING STEEL, DOWELS OR TIE BARS ARE NOT SHOWN.

DIMENSIONS IN MILLIMETRES



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Reference Spec. No.
CW 3230, CW 3310

SAWN JOINT AND BUTT JOINT FOR
PLAIN DOWELLED AND REINFORCED
CONCRETE PAVEMENTS (DRAFT)

Revisions			
2.	OCT 24	SAW CUT WIDTH AND DEPTH	R.B.
1.	OCT 06	GENERAL REVISION	lwb
No.	Date	Description	By
Designed By:		Drawn By:	Scale : N.T.S.
A.G.		R.B.	
Checked By:		Date:	Drawing No. SD-212 DRAFT
B.K.		2024-10-01	
Approved:			
PAVEMENT MANAGEMENT BRANCH			