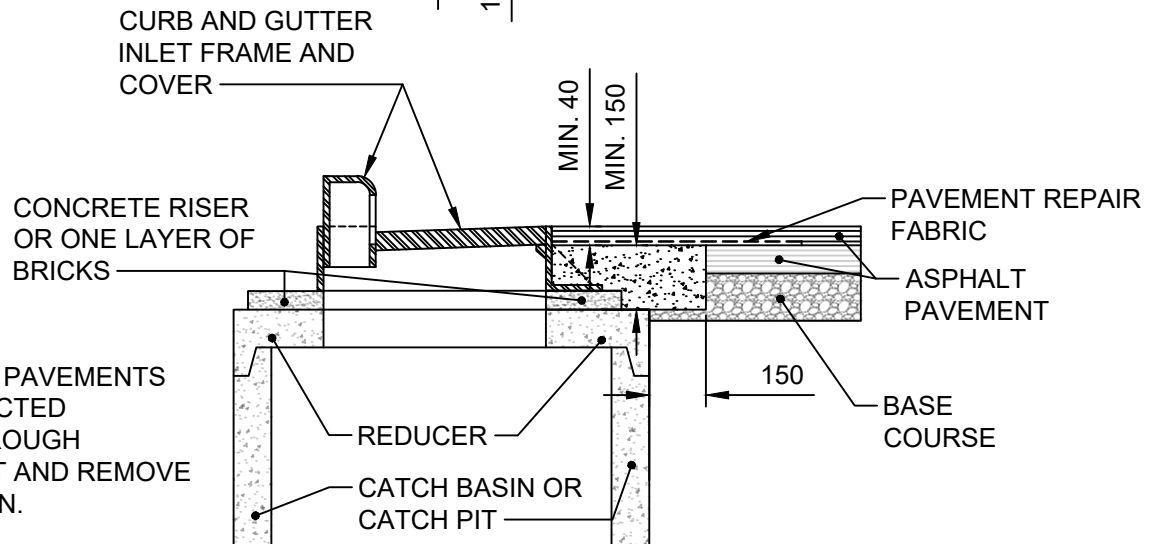
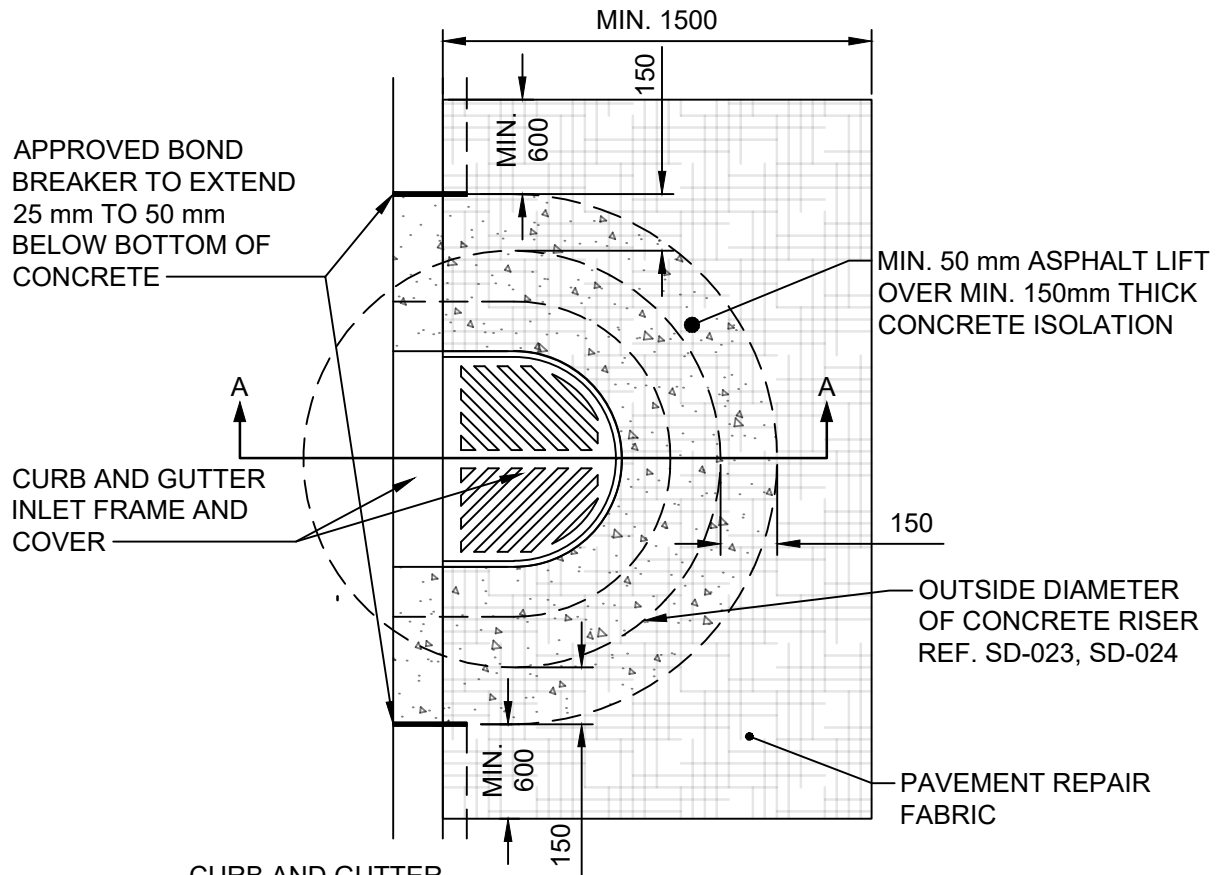


APPENDIX D (R1)

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



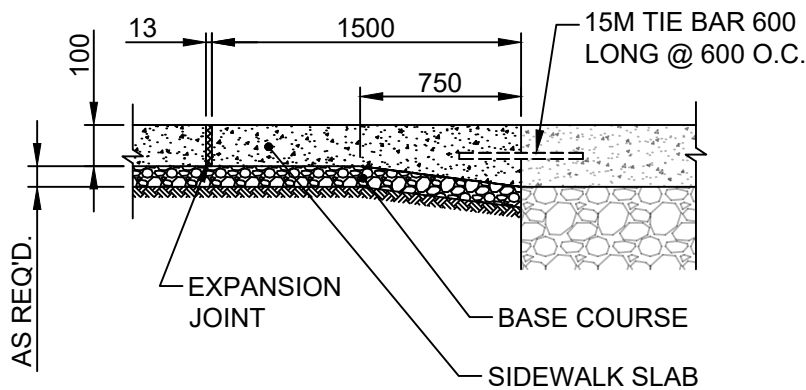
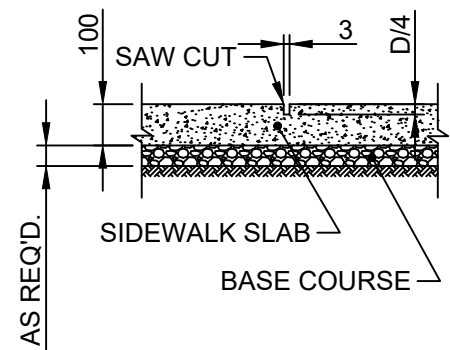
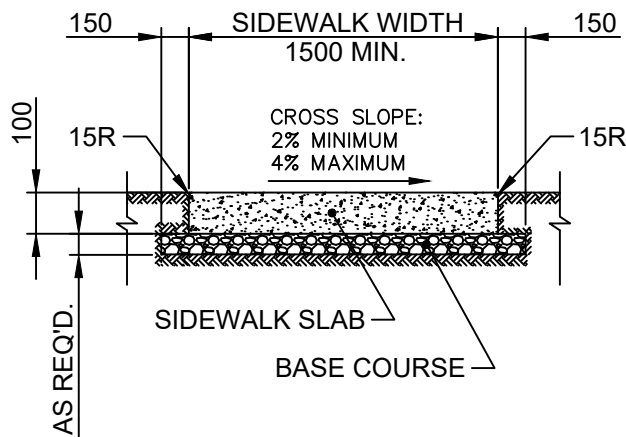
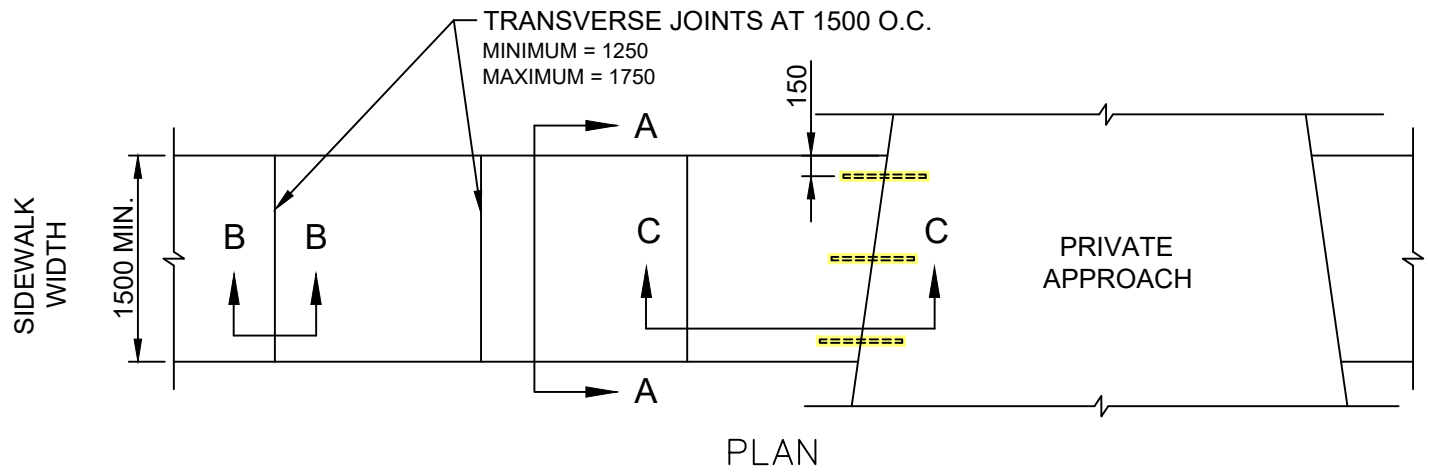
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

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			

The diagram illustrates a cross-section of a concrete slab with an expansion joint. A vertical line represents the joint, with a hatched area labeled "EXPANSION JOINT FILLER" on the right side. A horizontal line above the slab indicates the top surface. A dimension line on the left shows the "CONCRETE THICKNESS = D". A dimension line on the right shows the width of the joint, labeled "13-18mm". A dimension line below the slab indicates the distance from the bottom surface to the joint, labeled "D/2".

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

EXTENT OF
BARRIER CURB

EXISTING OR
PROPOSED
SIDEWALK

PROPERTY LINE

DRIVEWAY

CONSTRUCTION
JOINT

ROAD

MIN. 3m

MAX. 6.5m

FLARE OF APPROACH

EXTENT OF CURB

& PAVEMENT REMOVAL

PLAN

PROPERTY LINE

REINFORCING REF.
SD-237

1.5m

SIDEWALK

0.3m

150mm CONCRETE
APPROACH LENGTH VARIES

SECTION 'A'-'A'

LONGITUDINAL SECTION TROUGH A TYPICAL PRIVATE
APPROACH WITH A SIDEWALK CROSSING

100mm

FINISHED
SURFACE

15M TIE BARS 600
LONG AT 600 O.C.

SUB GRADE

75mm BASE COURSE
CRUSHED SUB-BASE
AS REQUIRED

MIN. 3m

REF. DETAIL 'A'
SD-202B

0.75m

MIN. 3m

MAX. 6.5m

FLARE OF APPROACH

EXTENT OF CURB

& PAVEMENT REMOVAL

FRONTAL PERSPECTIVE OF
FINISHED PRIVATE APPROACH

NOTES:

1. 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.
2. M.H. ISOLATIONS TO BE APPROVED BY
CONTRACT ADMINISTRATOR.
3. CONTRACTION JOINT AS REQUIRED TO MATCH
STREET TRANSVERSE JOINTS.

DIMENSIONS IN MILLIMETRES

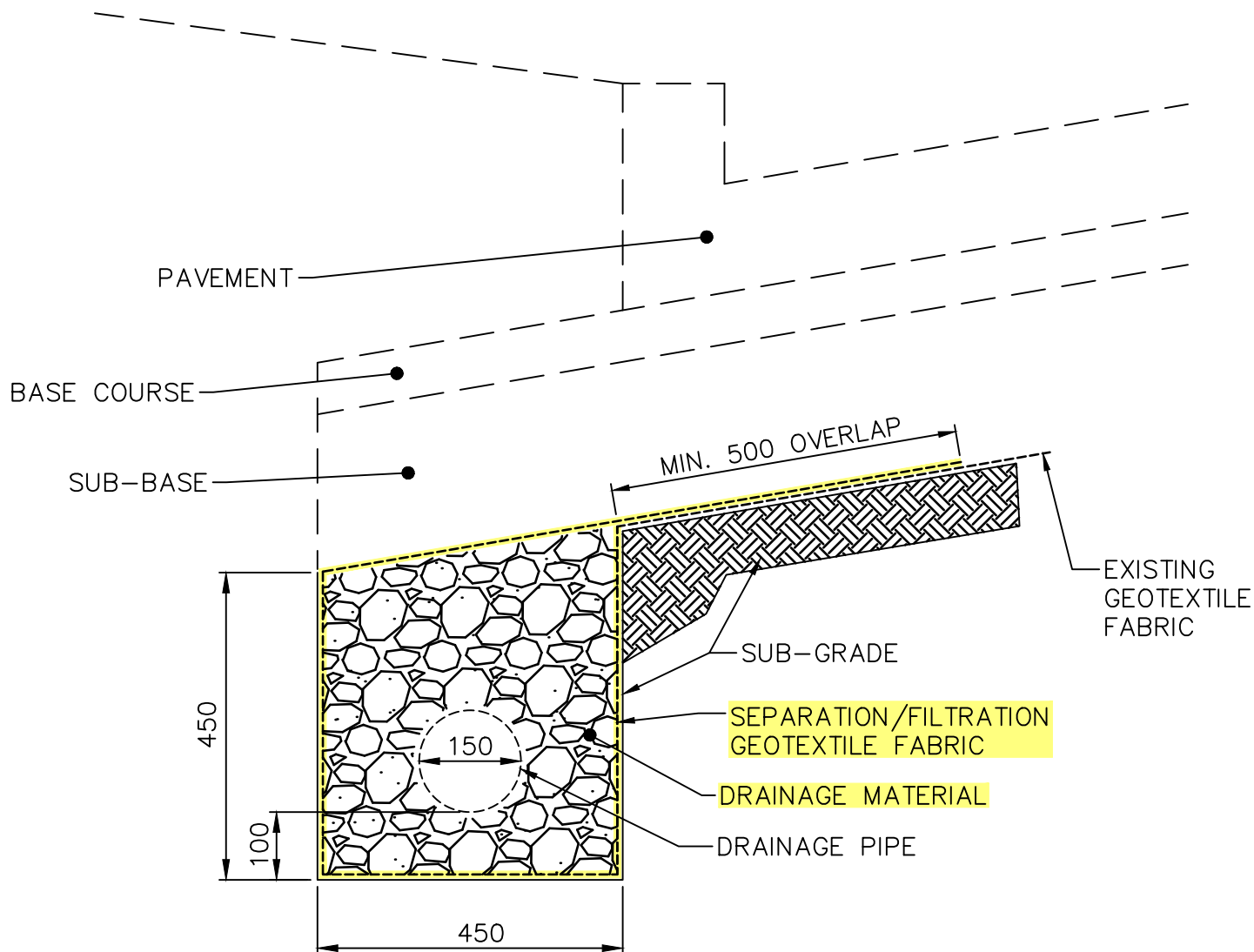


THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Reference Spec. No.
CW 3230, CW3240, CW 3310

RESIDENTIAL APPROACH-CONCRETE
(WITH EXISTING BARRIER CURB)

Revisions			
1.	JAN 15	CHANGED FLARE TO 0.75m	T.K.
No.	Date	Description	By
Designed By:		Drawn By:	Scale : N.T.S.
A.G.		R.B.	
Checked By:		Date:	Drawing No. SD-235
B.K.		2024-10-01	
Approved: PAVEMENT MANAGEMENT BRANCH			



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.

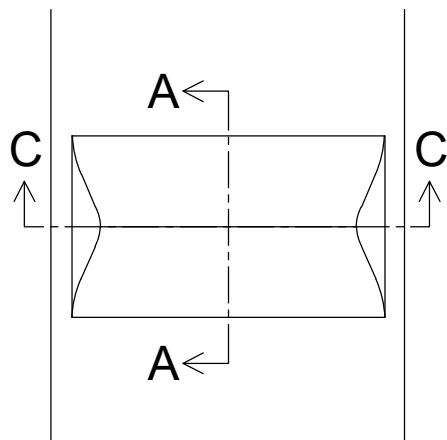
Checked By:
B.K.

Date:
2024-10-01

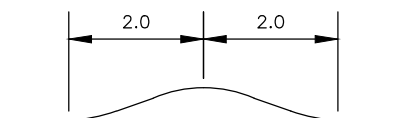
Drawing No.

Approved:
PAVEMENT MANAGEMENT BRANCH

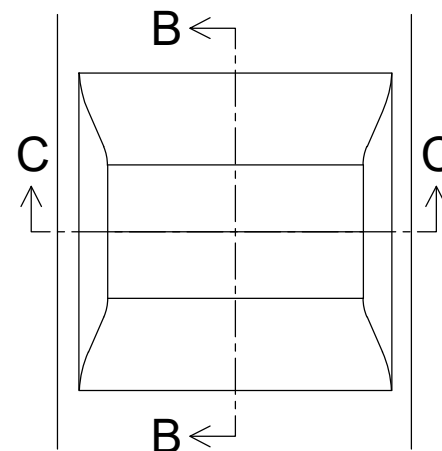
SD-245



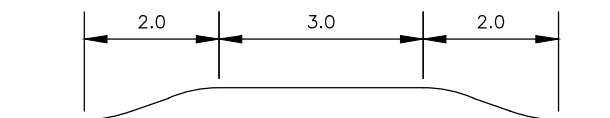
SPEED HUMP



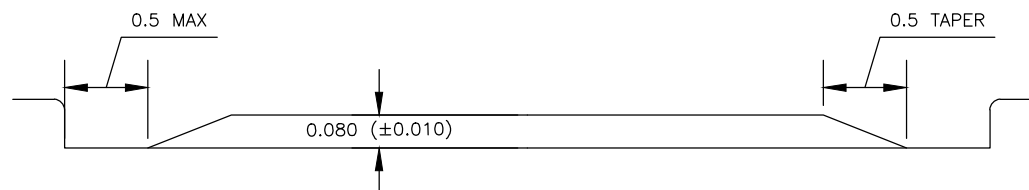
SECTION A-A



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

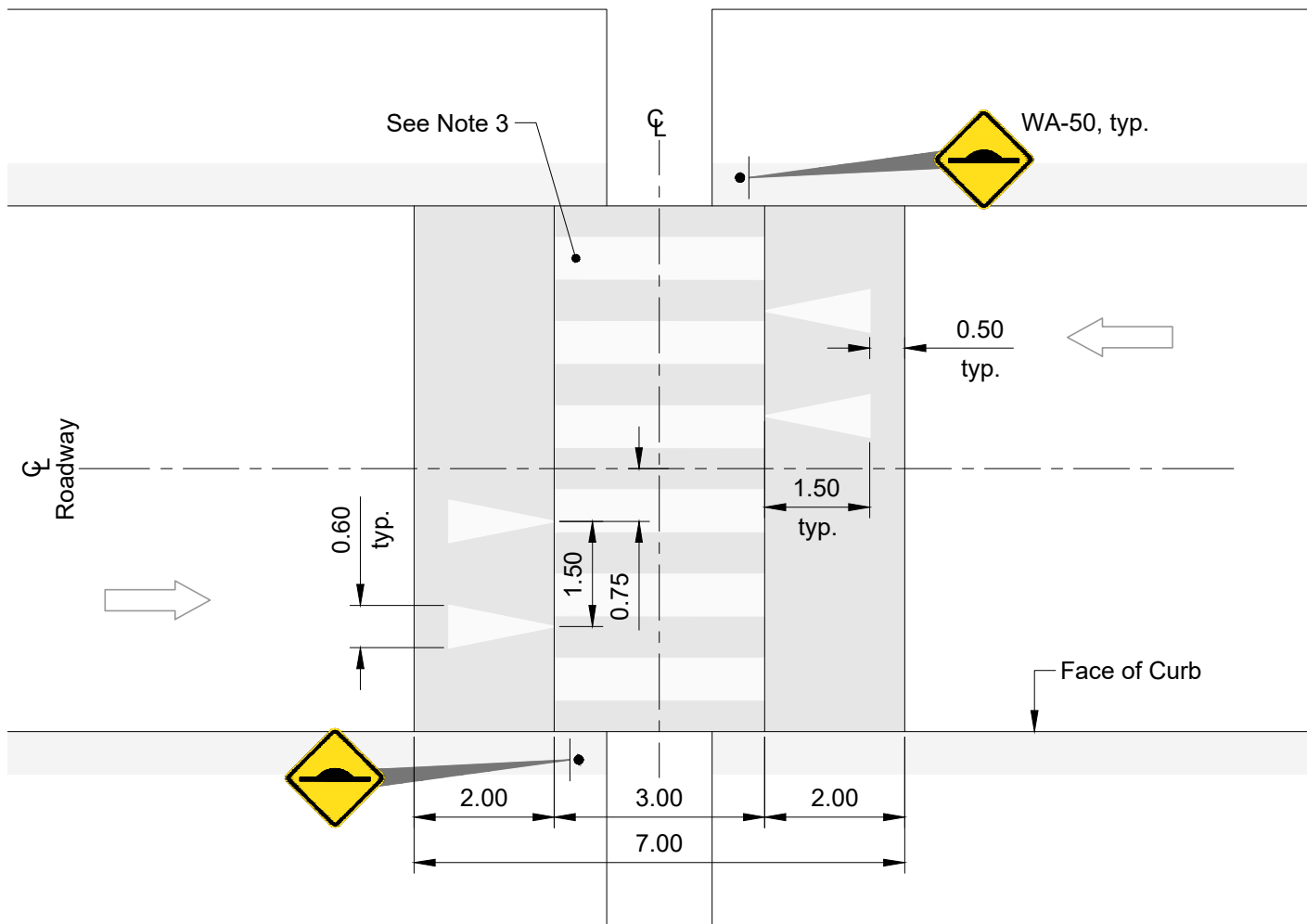
SCALE: NTS

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			

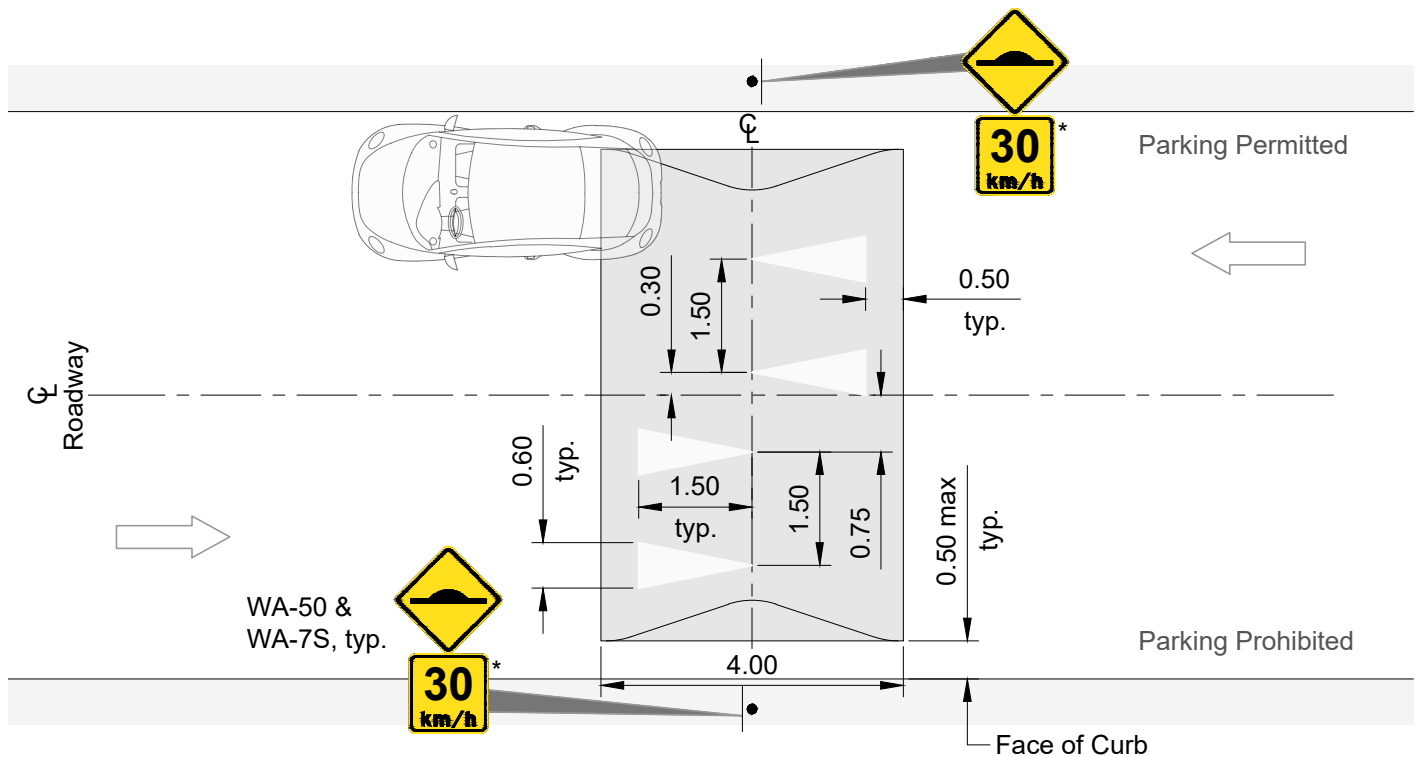


THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

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			



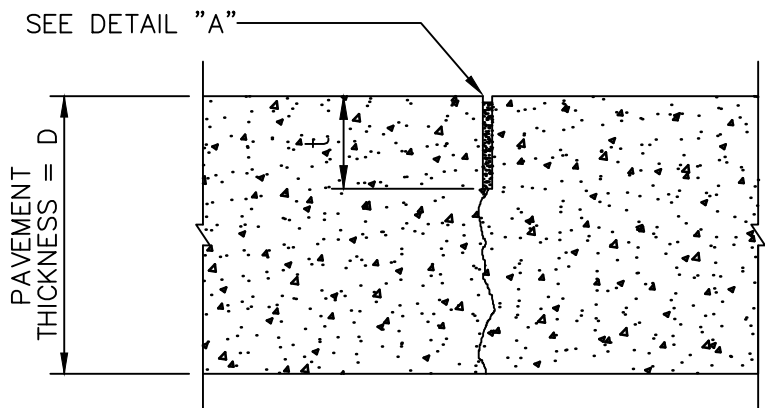
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
TRANSPORTATION DIVISION

Standard Speed Hump
Markings

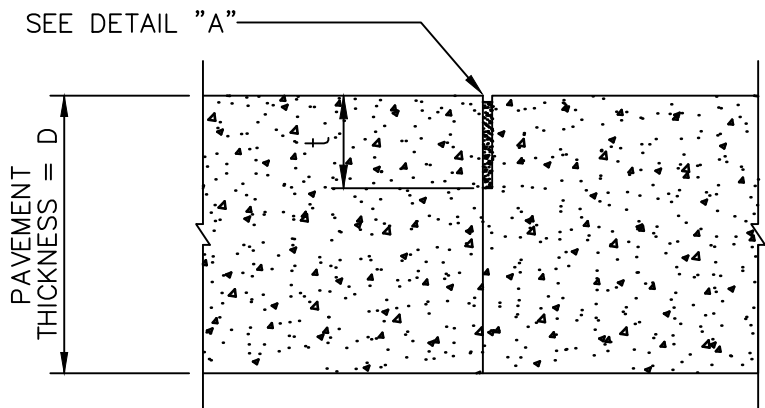
DRAWING NUMBER:

LS-04
4 of 4

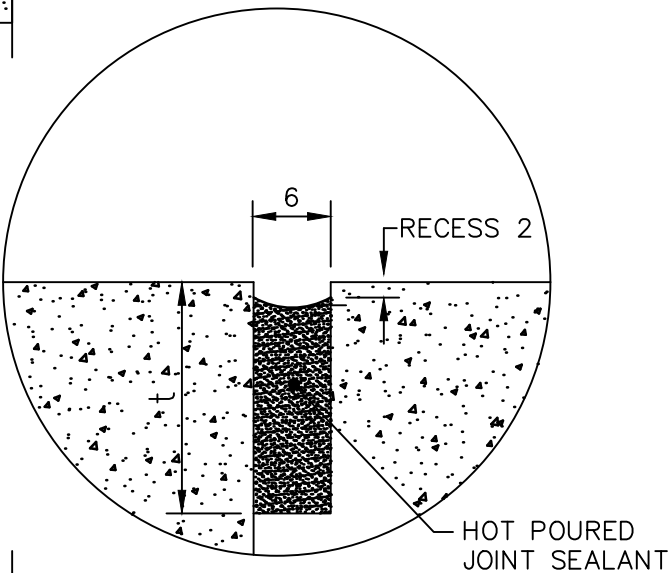
TRANSVERSE JOINT: $t=D/3$
LONGITUDINAL JOINT: $t=D/4$



SAWN JOINT



BUTT JOINT



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			