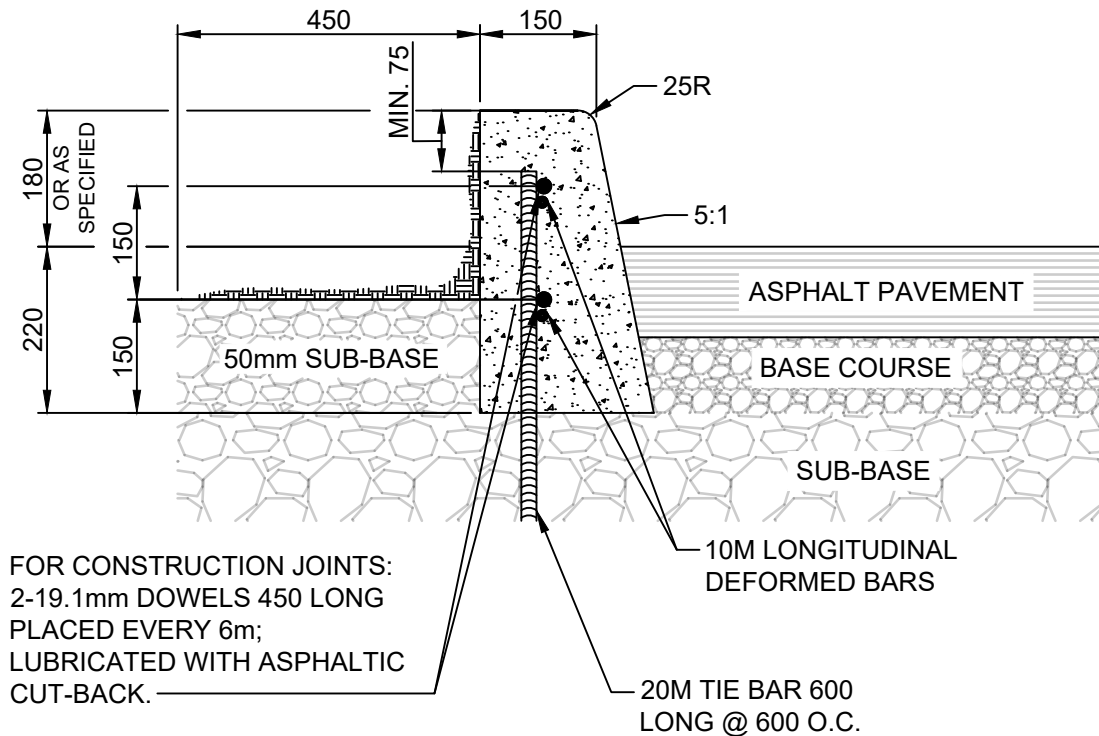


**APPENDIX 'C'**  
**2026 UPDATED STANDARD DETAILS**



3. THIS DETAIL SHALL ONLY BE USED FOR REPAIRS OF EXISTING CURB AND GUTTER OR AS DIRECTED BY THE CONTRACT ADMINISTRATOR.

Revisions			
1.	OCT 24	ADDED NOTE 3	R.B.
No.	Date	Description	By
Designed By: B.P.		Drawn By: R.B.	Scale : N.T.S.
Checked By: D.R.K.		Date: 2008-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH			SD-200



NOTES:

1. TRANSVERSE SAW CUT EVERY 3m OR AT PAVEMENT JOINTS
2. TRANSVERSE SAW CUTS ARE TO BE A MAXIMUM DEPTH OF 25mm
3. FACE OF CURB SHALL BE SEALED IN ACCORDANCE WITH CW 3250

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

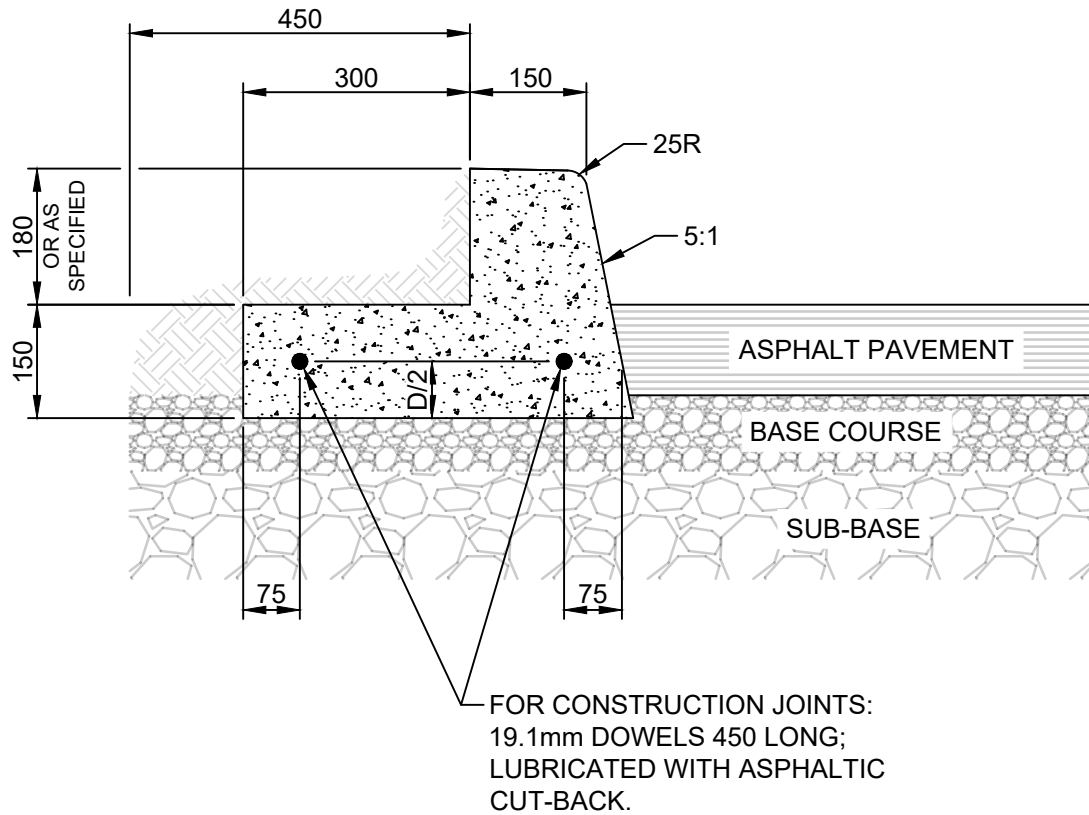
Reference Spec. No.  
CW 3325

**BARRIER CURB FOR  
ASPHALT PAVEMENT**

Revisions

No.	Date	Description	By

Designed By: A.G.	Drawn By: R.B.	Scale : N.T.S
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-200A



NOTES:

1. TRANSVERSE SAW CUT EVERY 3m OR AT PAVEMENT JOINTS
2. TRANSVERSE SAW CUTS ARE TO BE A MAXIMUM DEPTH OF 25mm
3. FACE OF CURB SHALL BE SEALED IN ACCORDANCE WITH CW 3250

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

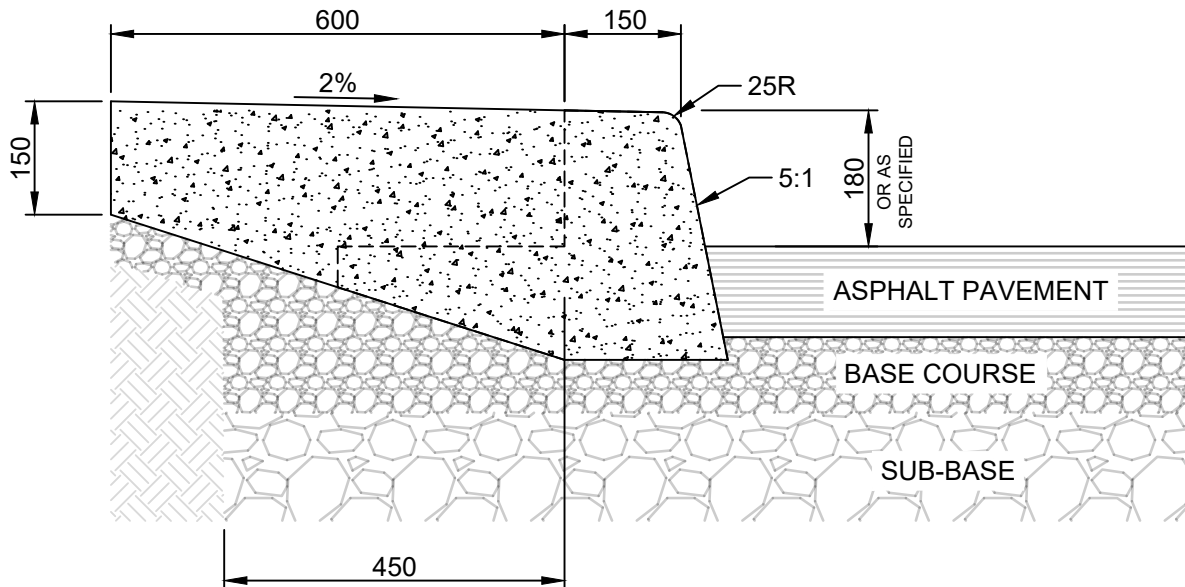
Reference Spec. No.  
CW 3325

Revisions

No.	Date	Description	By

**BARRIER CURB AND  
REVERSED GUTTER FOR  
ASPHALT PAVEMENT**

Designed By: A.G.	Drawn By: T.K.	Scale : N.T.S
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-200B



NOTES:

1. TRANSVERSE SAW CUT EVERY 3m OR AT PAVEMENT JOINTS
2. TRANSVERSE SAW CUTS ARE TO BE A MAXIMUM DEPTH OF 25mm
3. FOR CONSTRUCTION JOINTS INSTALL TWO 19.1mm DOWELS 450 LONG;  
LUBRICATED WITH ASPHALTIC CUT-BACK. REF SD-200B.
4. FACE OF CURB SHALL BE SEALED IN ACCORDANCE WITH CW 3250

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

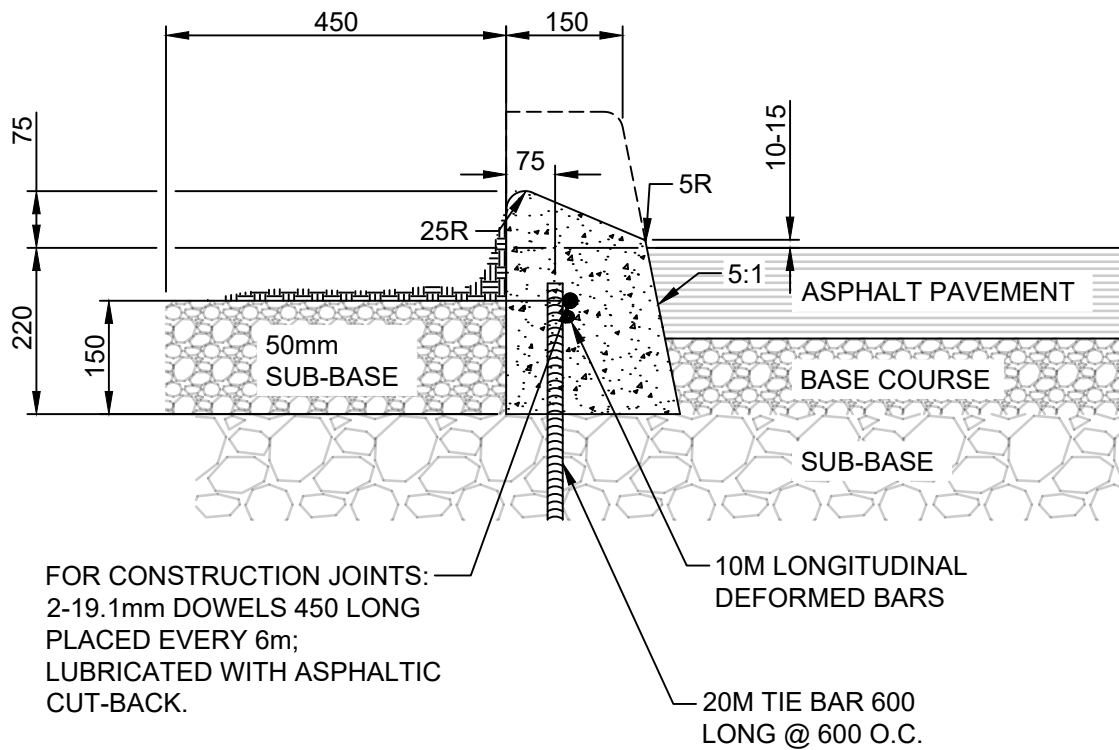
Reference Spec. No.  
CW 3325

**BARRIER CURB WITH  
INTEGRAL SPLASH STRIP  
FOR ASPHALT PAVEMENT**

Revisions

No.	Date	Description	By

Designed By: A.G.	Drawn By: T.K.	Scale : N.T.S
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-200C



#### NOTES:

1. TRANSVERSE SAW CUT EVERY 3m OR AT PAVEMENT JOINTS
2. TRANSVERSE SAW CUTS ARE TO BE A MAXIMUM DEPTH OF 25mm
3. FACE OF CURB SHALL BE SEALED IN ACCORDANCE WITH CW 3250

DIMENSIONS IN MILLIMETRES



## THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3325

#### Revisions

No.	Date	Description	By

75 mm LIP CURB FOR  
ASPHALT PAVEMENT

Designed By:  
A.G.

Drawn By:  
R.B.

Scale :  
N.T.S


Checked By:  
B.K.

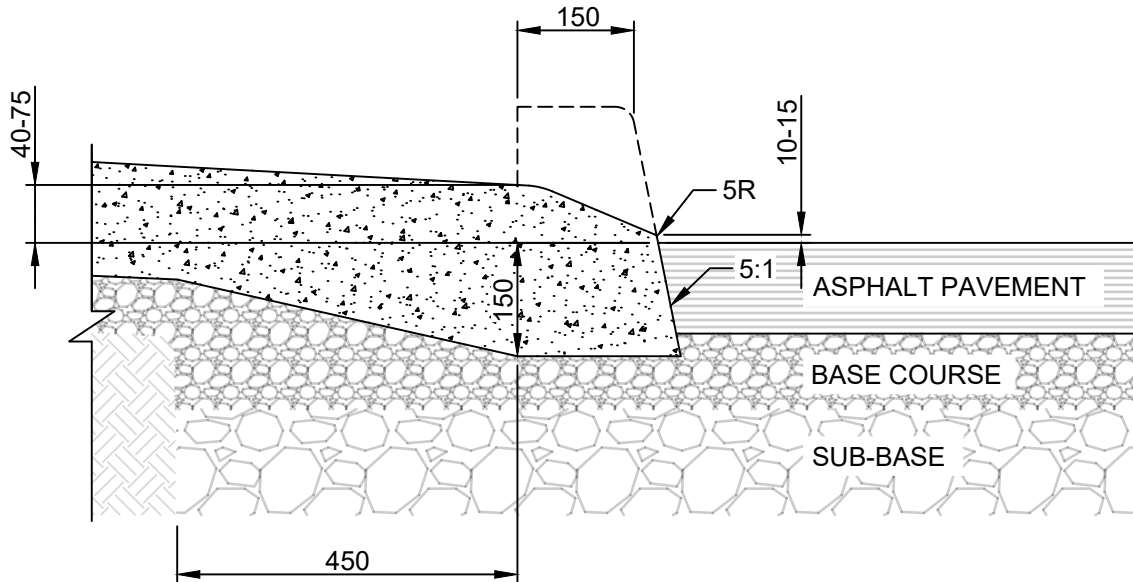
Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-202D

 <div> <div>THE CITY OF WINNIPEG</div> <div>PUBLIC WORKS DEPARTMENT</div> </div>	Revisions			
Reference Spec. No. CW 3325				
	No.	Date	Description	By
<div>75 mm LIP CURB WITH  INTEGRAL APPROACH  FOR ASPHALT PAVEMENT</div>	Designed By: A.G.		Drawn By: R.B.	Scale : N.T.S
	Checked By: B.K.		Date: 2025-12-15	Drawing No.
	Approved: PAVEMENT MANAGEMENT BRANCH			SD-202E



NOTES:

1. TRANSVERSE SAW CUT EVERY 3m OR AT PAVEMENT JOINTS
2. TRANSVERSE SAW CUTS ARE TO BE A MAXIMUM DEPTH OF 25mm
3. FOR CONSTRUCTION JOINTS INSTALL TWO 19.1mm DOWELS 450 LONG; LUBRICATED WITH ASPHALTIC CUT-BACK. REF SD-200B.
4. FACE OF CURB SHALL BE SEALED IN ACCORDANCE WITH CW 3250

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

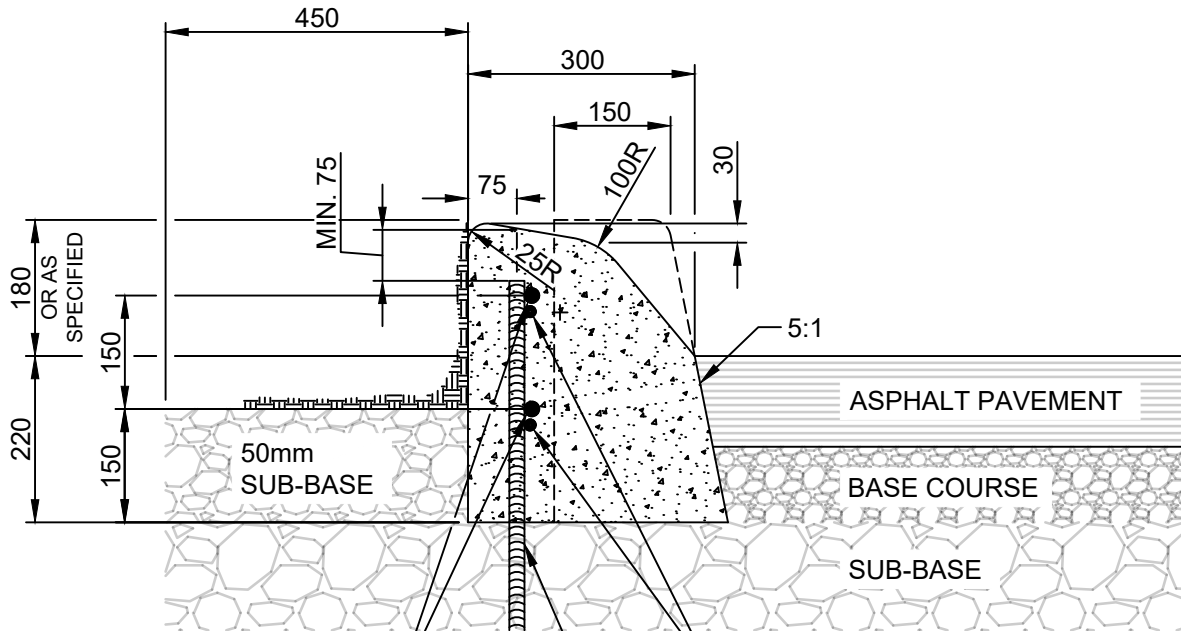
Reference Spec. No.  
CW 3325

Revisions

No.	Date	Description	By

LIP CURB WITH  
INTEGRAL APPROACH  
FOR ASPHALT PAVEMENT

Designed By: A.G.	Drawn By: T.K.	Scale : N.T.S
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-202F



FOR CONSTRUCTION JOINTS:  
2-19.1mm DOWELS 450 LONG  
PLACED EVERY 6m;  
LUBRICATED WITH ASPHALTIC  
CUT-BACK.

10M LONGITUDINAL  
DEFORMED BARS

20M TIE BAR 600  
LONG @ 600 O.C.

#### NOTES:

1. TRANSVERSE SAW CUT EVERY 3m OR AT PAVEMENT JOINTS
2. TRANSVERSE SAW CUTS ARE TO BE A MAXIMUM DEPTH OF 25mm
3. FACE OF CURB SHALL BE SEALED IN ACCORDANCE WITH CW 3250

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

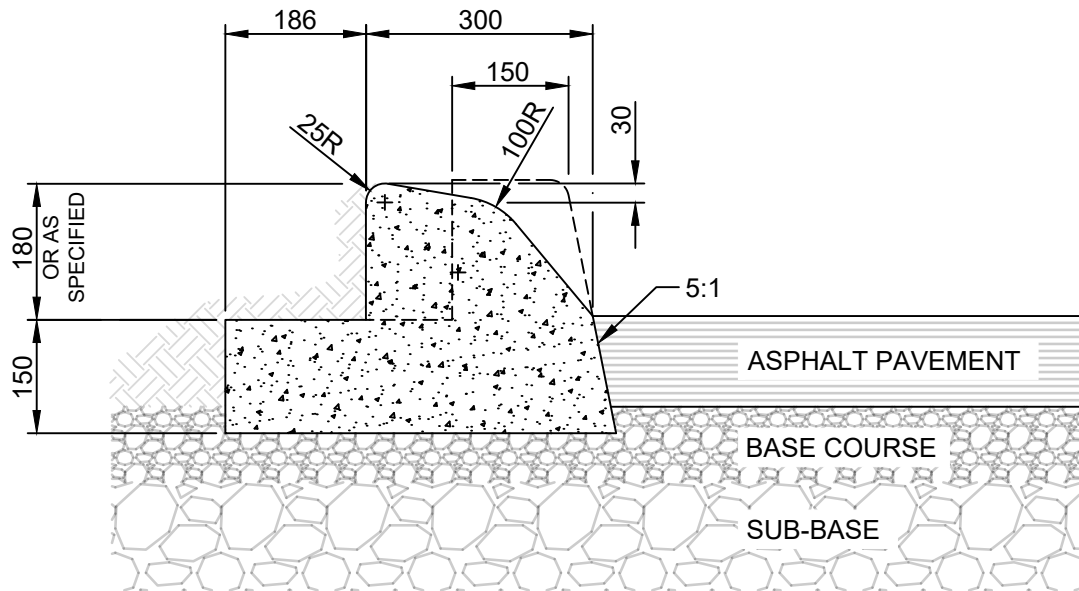
Reference Spec. No.  
CW 3325

#### Revisions


No.	Date	Description	By
-----	------	-------------	----

**MODIFIED BARRIER  
CURB FOR ASPHALT  
PAVEMENT**

Designed By: A.G.	Drawn By: R.B.	Scale : N.T.S
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-203C



#### NOTES:

1. TRANSVERSE SAW CUT EVERY 3m OR AT PAVEMENT JOINTS
2. TRANSVERSE SAW CUTS ARE TO BE A MAXIMUM DEPTH OF 25mm
3. FOR CONSTRUCTION JOINTS INSTALL TWO 19.1mm DOWELS 450 LONG;  
LUBRICATED WITH ASPHALTIC CUT-BACK. REF SD-200B.
4. FACE OF CURB SHALL BE SEALED IN ACCORDANCE WITH CW 3250

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

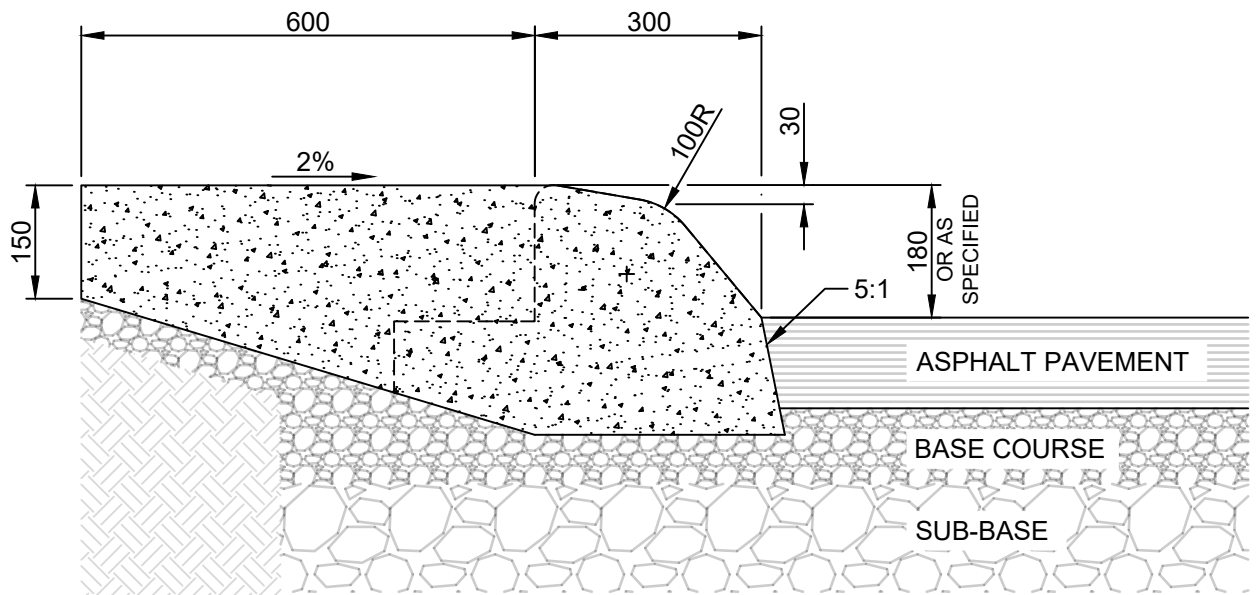
Reference Spec. No.  
CW 3325

#### Revisions

No.	Date	Description	By

**MODIFIED BARRIER CURB  
WITH REVERSED GUTTER  
FOR ASPHALT PAVEMENT**

Designed By: A.G.	Drawn By: T.K.	Scale : N.T.S
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-203D



NOTES:

1. TRANSVERSE SAW CUT EVERY 3m OR AT PAVEMENT JOINTS
2. TRANSVERSE SAW CUTS ARE TO BE A MAXIMUM DEPTH OF 25mm
3. FOR CONSTRUCTION JOINTS INSTALL TWO 19.1mm DOWELS 450 LONG;  
LUBRICATED WITH ASPHALTIC CUT-BACK. REF SD-200B.
4. FACE OF CURB SHALL BE SEALED IN ACCORDANCE WITH CW 3250

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

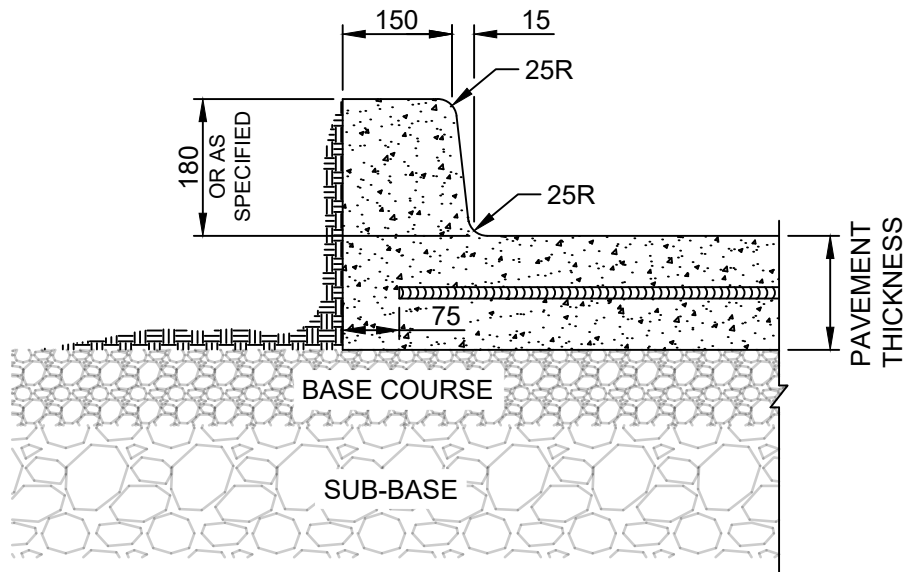
Reference Spec. No.  
CW 3325

**MODIFIED BARRIER CURB WITH  
INTEGRAL SPLASH STRIP FOR  
ASPHALT PAVEMENT**

Revisions

No.	Date	Description	By

Designed By: A.G.	Drawn By: T.K.	Scale : N.T.S
Checked By: B.K.	Date: 2025-12-15	Drawing No. SD-203E
Approved: PAVEMENT MANAGEMENT BRANCH		



DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

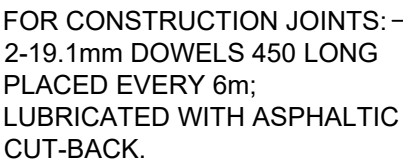
Reference Spec. No.  
CW 3230, CW 3310

Revisions

1.	JAN 26	GENERAL REVISION	A.G.
No.	Date	Description	By

BARRIER CURB  
INTEGRAL

Designed By: L.S.W.L.	Drawn By: T.K.	Scale : N.T.S
Checked By: L.S.W.L.	Date: 1981-02-16	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-204

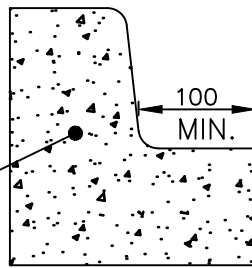


- 20M TIE BAR 600  
LONG @ 600 O.C.

## SAFETY CURB FOR ASPHALT PAVEMENT

SAWCUT FULL-DEPTH PRIOR TO  
AND FOR THE FULL LENGTH OF  
CURB REMOVAL

EXISTING CURB AND SLAB  
TO BE REMOVED  
(REINFORCING NOT SHOWN)

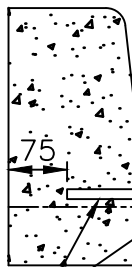


EXISTING CONCRETE

## PAVEMENT REMOVAL FOR BARRIER CURB

600 LONG TIE BARS:

15M @ 600 O.C. FOR PAVEMENTS  $D < 200$   
20M @ 600 O.C. FOR PAVEMENTS  $D = 200$   
25M @ 600 O.C. FOR PAVEMENTS  $D > 200$



BUTT JOINT  
REF. SD-212

75

BAR MAT REINFORCEMENT  
REF. SD-217

230 MIN.

EXISTING CONCRETE

NEW CONCRETE

## PAVEMENT WIDENING

NOTE:  
TRANSVERSE SAWCUT TYP. 4.0–5.0m  
OR AT PAVEMENT JOINTS.

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

### Revisions

No.	Date	Description	By
2.	OCT 24	TIE BAR SIZE AND TRANSVERSE CUTS	A.G.
1.	JAN 03	GENERAL REVISION	L.W.B.

CONCRETE PAVEMENT WIDENING

Designed By:  
L.S.W.L.

Drawn By:  
R.B.

Scale :  
N.T.S.

Checked By:  
D.R.K.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-207

SAWCUT FULL-DEPTH PRIOR TO  
AND FOR THE FULL LENGTH OF  
CURB REMOVAL

REPLACE ASPHALT FOR  
FULL LANE WIDTH OR  
AS DIRECTED BY  
CONTRACT ADMINISTRATOR

EXISTING CONCRETE

EXISTING CURB, SLAB AND  
ASPHALT TO BE REMOVED  
(REINFORCING NOT SHOWN)

100  
MIN.

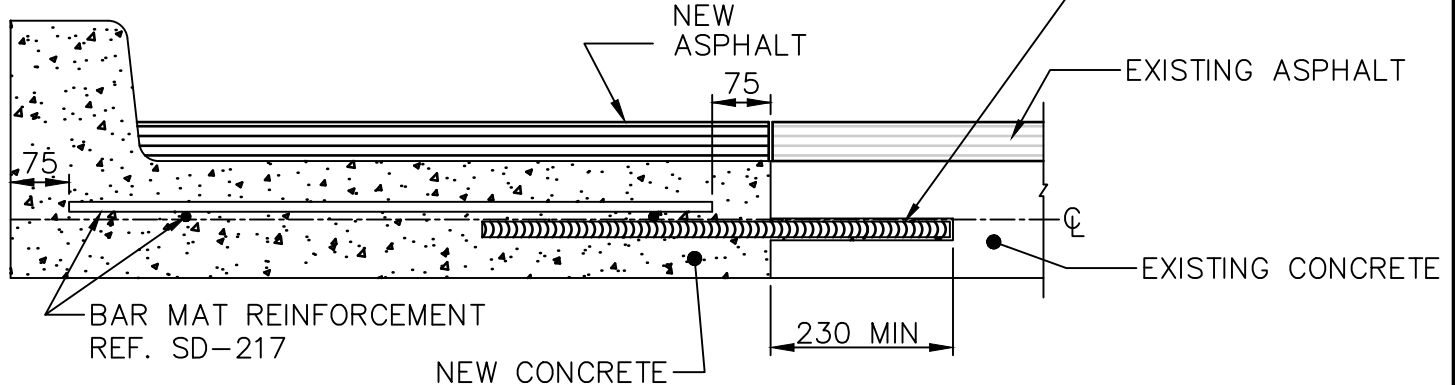
## PAVEMENT REMOVAL

600 LONG TIE BARS:

15M @ 600 O.C. FOR PAVEMENTS D<200

20M @ 600 O.C. FOR PAVEMENTS D=200

25M @ 600 O.C. FOR PAVEMENTS D>200



## PAVEMENT WIDENING

NOTE:

TRANSVERSE SAWCUT TYP. 4.0–5.0m  
OR AT PAVEMENT JOINTS.

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

### Revisions

No.	Date	Description	By
2.	MAY 25	TIE BAR SIZE AND TRANSVERSE SAWCUT	R.B.
1.	JAN 03	GENERAL REVISION	L.W.B.

PAVEMENT WIDENING  
(CONCRETE PAVEMENT WITH  
ASPHALT OVERLAY)

Designed By:  
A.G.

Drawn By:  
R.B.

Scale :  
N.T.S.

Checked By:  
B.K.

Date:  
2025-12-15

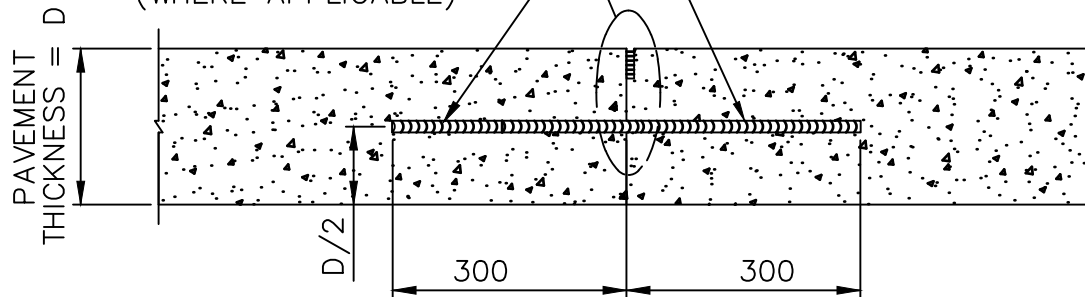
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-208

BUTT JOINT  
REF. SD-212

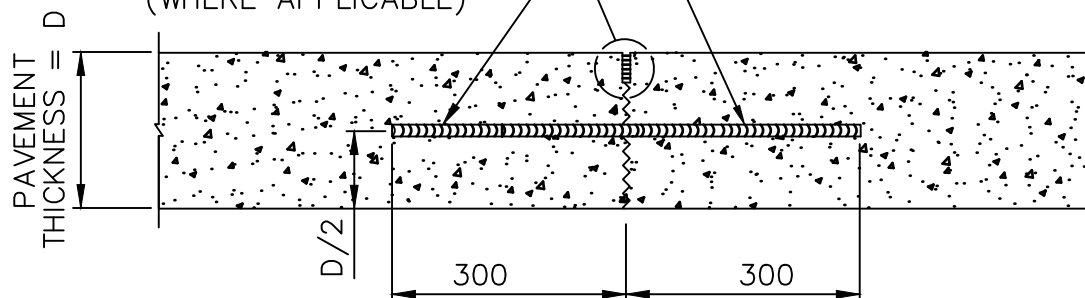
BAR MAT REINFORCEMENT  
REF. SD-217  
(WHERE APPLICABLE)



## FORMED LONGITUDINAL JOINT

SAWN JOINT REF. SD-212

BAR MAT REINFORCEMENT  
REF. SD-217  
(WHERE APPLICABLE)



## SAWN LONGITUDINAL JOINT

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

### Revisions

1.	OCT 24	TIE BAR SIZE	A.G.
No.	Date	Description	By

LONGITUDINAL JOINT FOR  
CONCRETE PAVEMENT

Designed By:  
L.S.W.L.

Drawn By:  
R.B.

Scale :  
N.T.S.

Checked By:  
D.R.K.

Date:  
2025-12-15

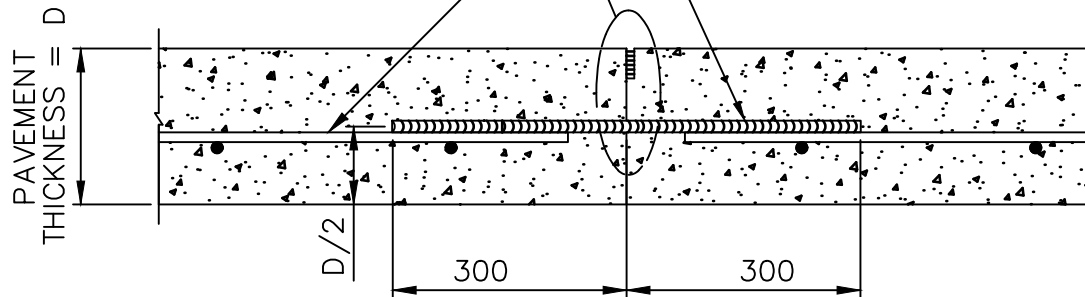
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-210A

BUTT JOINT  
REF. SD-212

BAR MAT REINFORCEMENT  
REF. SD-217  
(WHERE APPLICABLE)

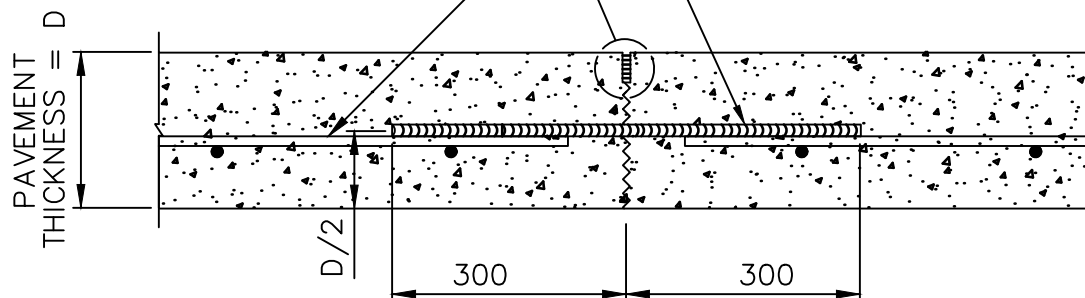


600 LONG TIE BARS:  
15M @ 600 O.C. FOR PAVEMENTS  $D < 200$   
20M @ 600 O.C. FOR PAVEMENTS  $D = 200$   
25M @ 600 O.C. FOR PAVEMENTS  $D > 200$

## FORMED LONGITUDINAL JOINT

SAWN JOINT REF. SD-212

BAR MAT REINFORCEMENT  
REF. SD-217  
(WHERE APPLICABLE)



600 LONG TIE BARS:  
15M @ 600 O.C. FOR PAVEMENTS  $D < 200$   
20M @ 600 O.C. FOR PAVEMENTS  $D = 200$   
25M @ 600 O.C. FOR PAVEMENTS  $D > 200$

## SAWN LONGITUDINAL JOINT

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

LONGITUDINAL JOINT FOR  
CONCRETE PAVEMENTS WITH BAR  
MAT REINFORCEMENT

### Revisions


No.	Date	Description	By

Designed By:  
A.G.

Drawn By:  
R.B.

Scale :  
N.T.S.

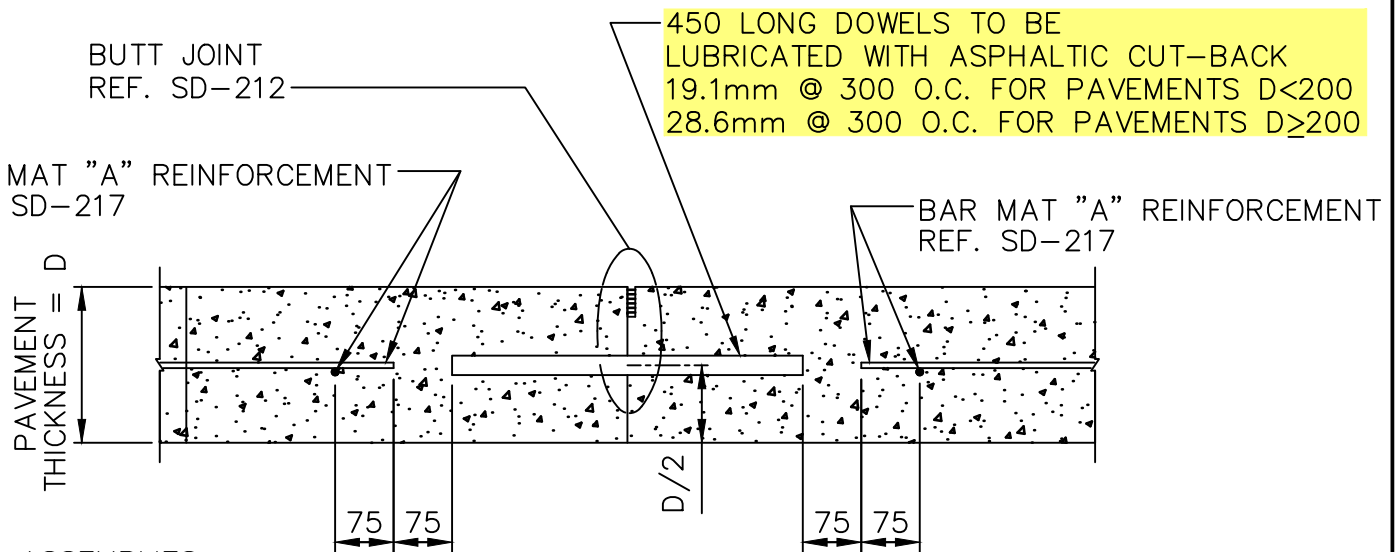
Checked By:  
B.K.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-210B



NOTE:  
DOWEL ASSEMBLIES  
NOT SHOWN

### CONSTRUCTION JOINT MAT "A"

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

#### Revisions

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

CONSTRUCTION JOINT  
FOR REINFORCED  
CONCRETE PAVEMENT

Designed By:  
A.G.

Drawn By:  
R.B.

Scale :  
N.T.S.

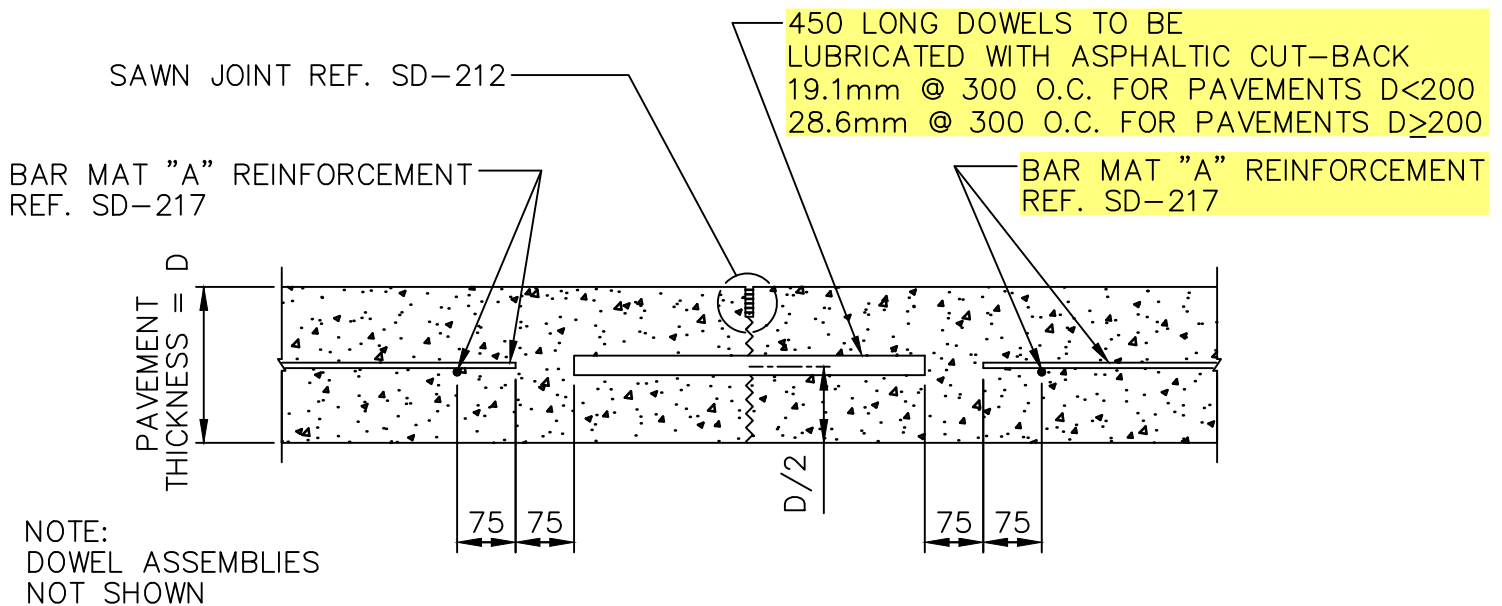
Checked By:  
B.K.

Date:  
2025-12-15

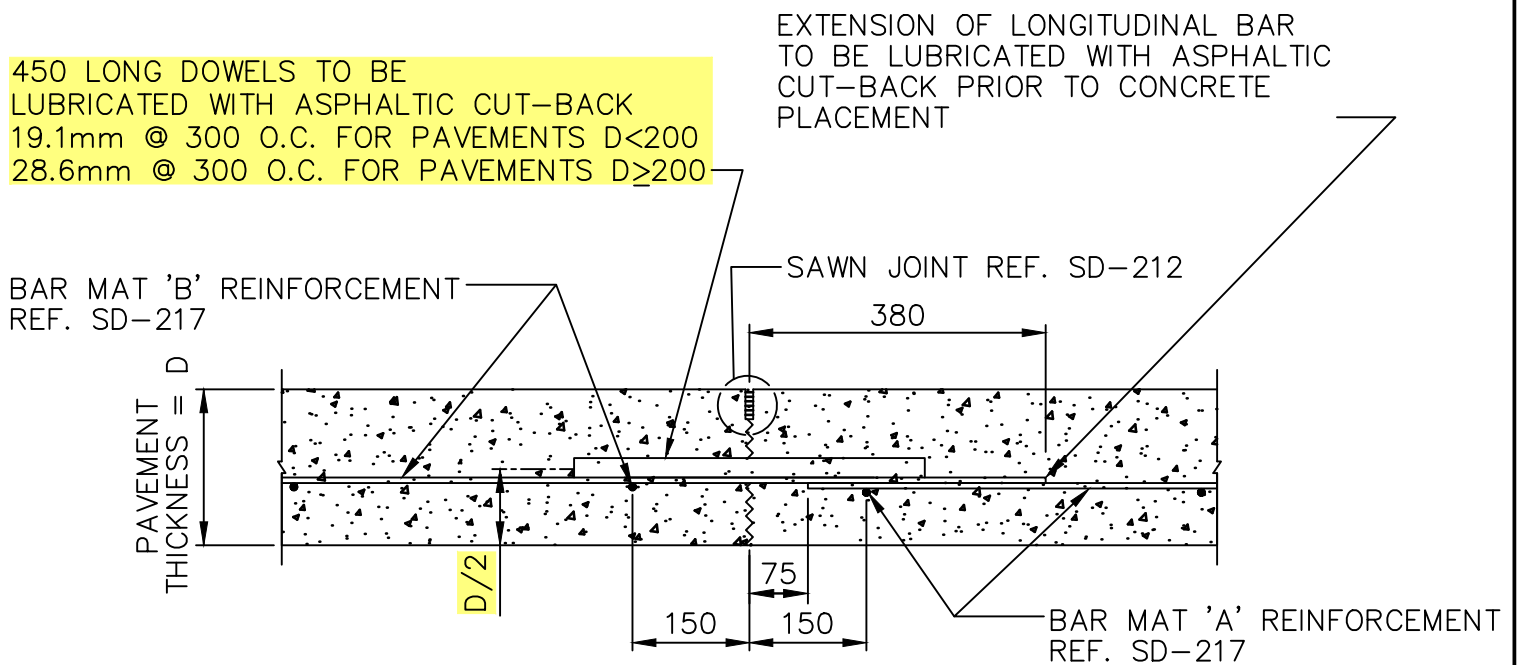
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-211A



CONTRACTION JOINT MAT "A"



CONTRACTION JOINT MAT "B"

DIMENSIONS IN MILLIMETRES



THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

Revisions

No.	Date	Description	By

CONTRACTION JOINT  
FOR REINFORCED  
CONCRETE PAVEMENT

Designed By:  
A.G.

Drawn By:  
R.B.

Scale :  
N.T.S.

Checked By:  
B.K.

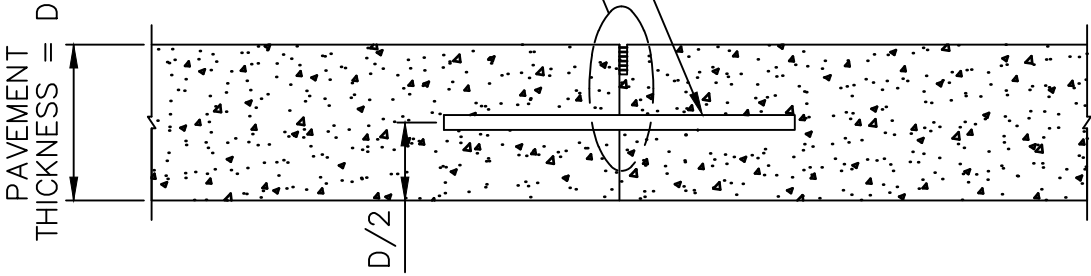
Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-211B

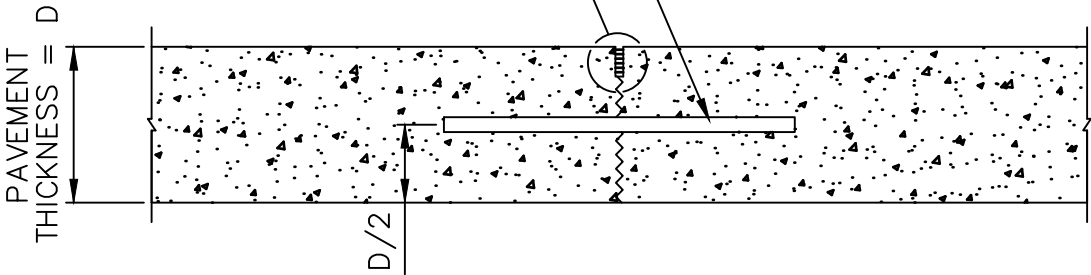
BUTT JOINT REF. SD-212



450 LONG DOWELS TO BE  
LUBRICATED WITH ASPHALTIC CUT-BACK  
19.1mm @ 300 O.C. FOR PAVEMENTS  $D < 200$   
28.6mm @ 300 O.C. FOR PAVEMENTS  $D \geq 200$

CONSTRUCTION JOINT

SAWN JOINT REF. SD-212



450 LONG DOWELS TO BE  
LUBRICATED WITH ASPHALTIC CUT-BACK  
19.1mm @ 300 O.C. FOR PAVEMENTS  $D < 200$   
28.6mm @ 300 O.C. FOR PAVEMENTS  $D \geq 200$

CONTRACTION JOINT

NOTE: DOWEL ASSEMBLIES  
NOT SHOWN.

DIMENSIONS IN MILLIMETRES



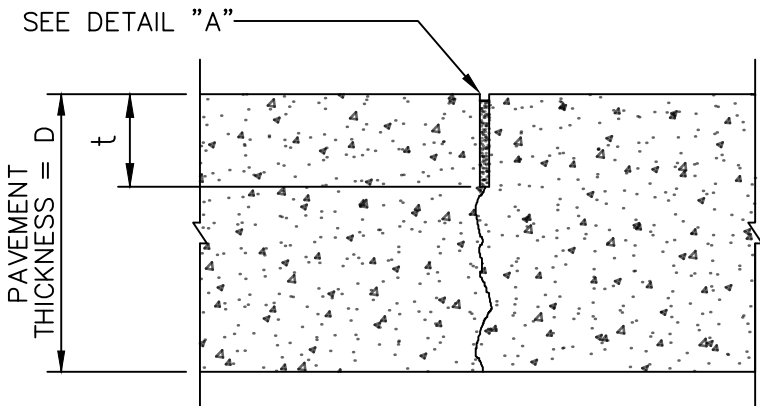
THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

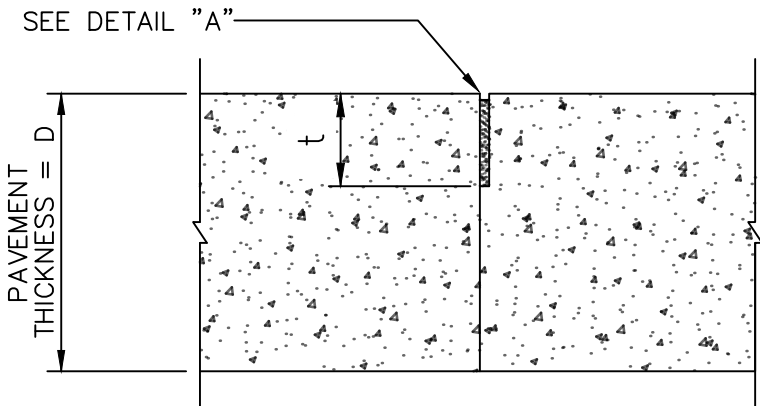
CONSTRUCTION JOINT AND  
CONTRACTION JOINT FOR  
PLAIN DOWELLED  
CONCRETE PAVEMENT

Revisions			
1.	OCT 24	GENERAL REVISION	A.G.
No.	Date	Description	By
Designed By:		Drawn By:	Scale : N.T.S.
L.S.W.L.		R.B.	
Checked By:		Date:	Drawing No. SD-211C
D.R.K.		2025-12-15	
Approved:			
PAVEMENT MANAGEMENT BRANCH			

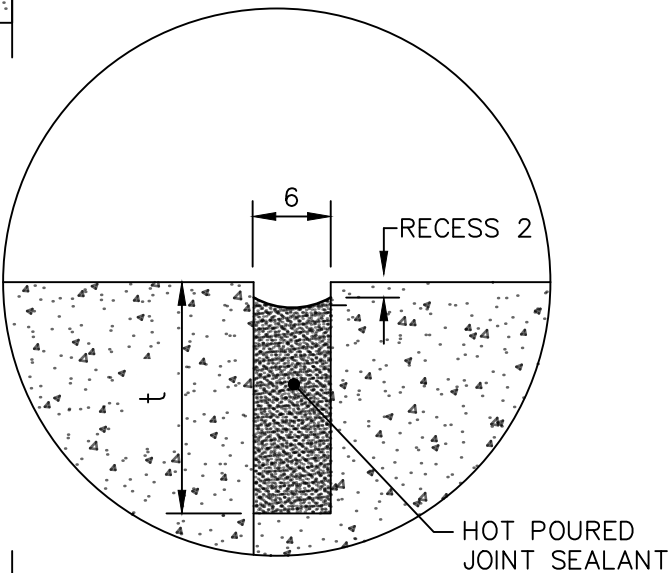
TRANSVERSE JOINT:  $t=D/3$   
 LONGITUDINAL JOINT:  $t=D/4$



SAWN JOINT




BUTT JOINT

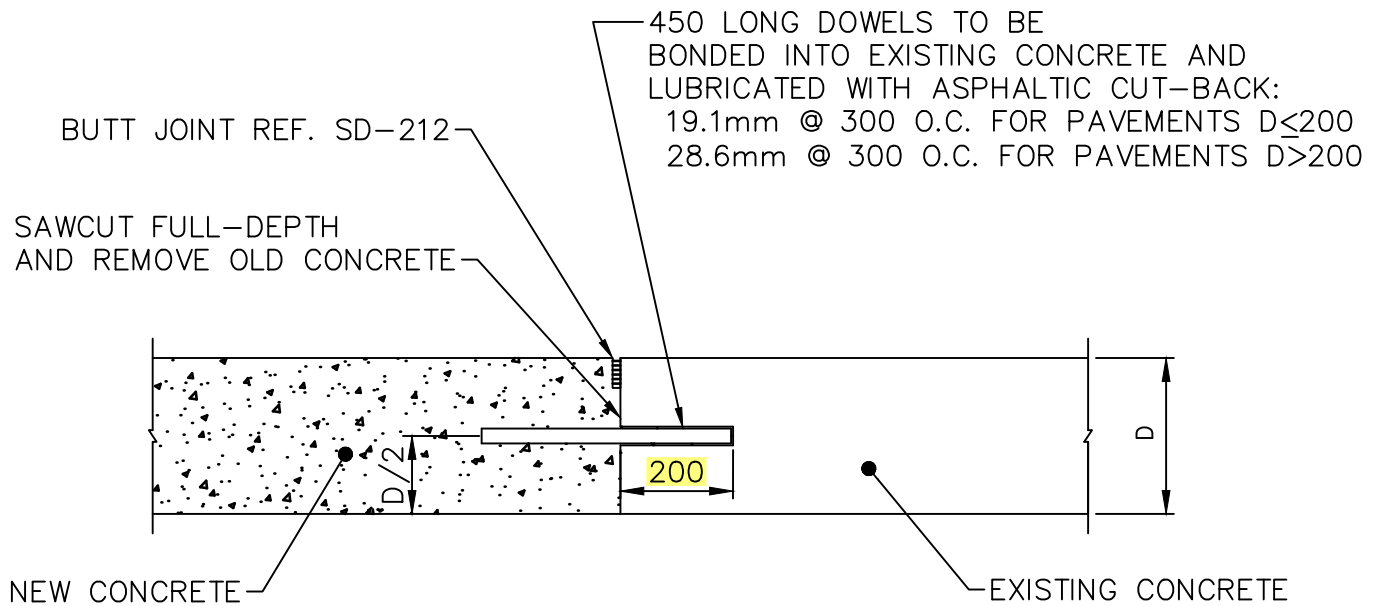


DETAIL "A"

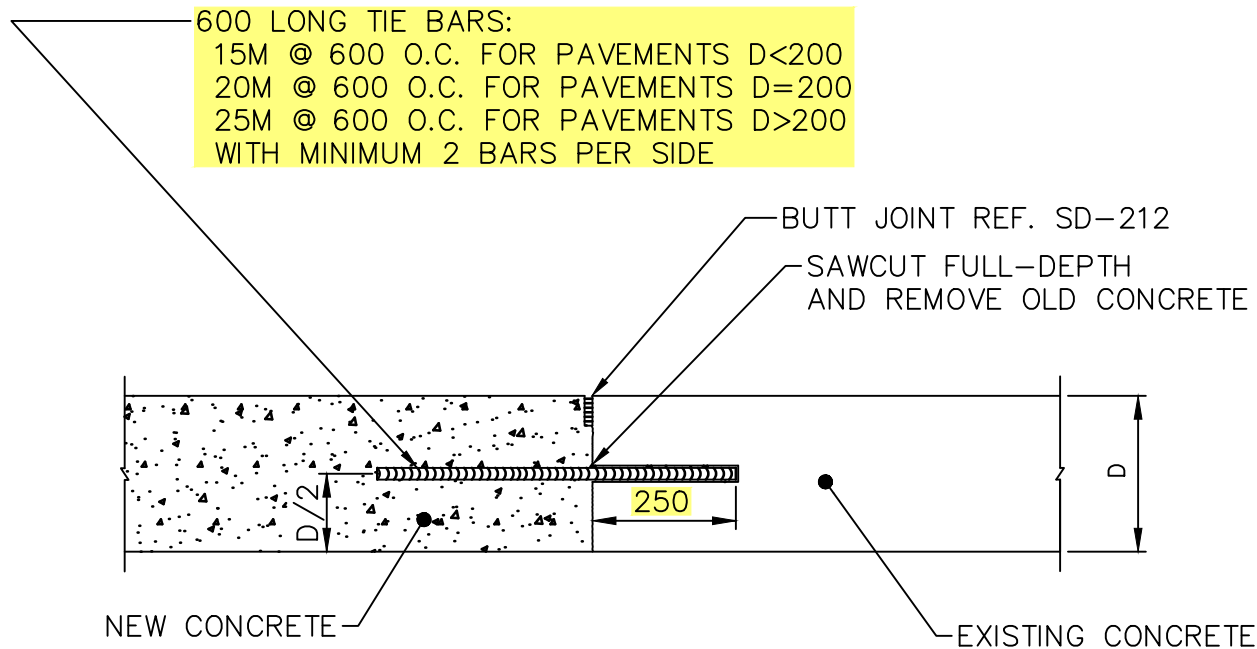
- NOTES:
1. SEALING OF CONCRETE JOINTS NOT REQUIRED IF THE JOINTS ARE BEING OVERLAYED WITH ASPHALT.
  2. REINFORCING NOT SHOWN.

DIMENSIONS IN MILLIMETRES

 <p><b>THE CITY OF WINNIPEG</b> PUBLIC WORKS DEPARTMENT</p>	Revisions			
Reference Spec. No. CW 3230, CW 3310	2.	MAY 25	SAW CUT WIDTH AND DEPTH	R.B.
	1.	OCT 06	GENERAL REVISION	L.W.B.
SAWN JOINT AND BUTT JOINT FOR CONCRETE PAVEMENTS	No.	Date	Description	By
	Designed By: A.G.		Drawn By: R.B.	Scale : N.T.S.
	Checked By: B.K.		Date: 2025-12-15	Drawing No.
	Approved: PAVEMENT MANAGEMENT BRANCH			SD-212



### TRANSVERSE (MOVING) JOINT



### TIED JOINT

NOTE:  
BAR MAT REINFORCEMENT  
NOT SHOWN REF. SD-217

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

#### Revisions

No.	Date	Description	By
2.	OCT 24	TIE BAR DETAILS	A.G.
1.	OCT 13	GENERAL REVISION	L.W.B.

FULL-DEPTH PATCHES AND  
SLAB REPLACEMENT

Designed By:  
B.P.

Drawn By:  
R.B.

Scale :  
N.T.S.

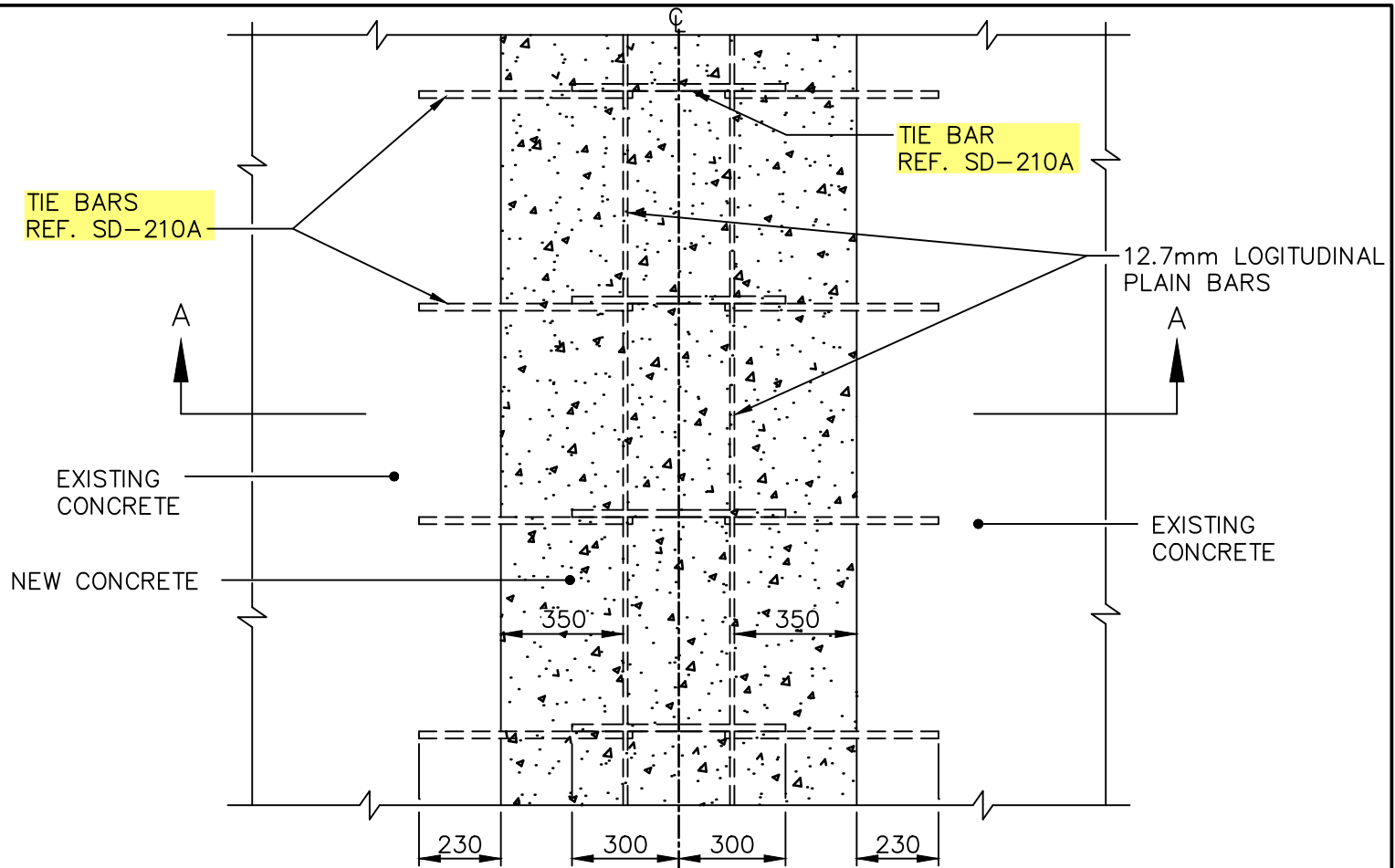
Checked By:  
D.R.K.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-213B



12.7mm LONGITUDINAL  
PLAIN BARS

EXISTING CONCRETE

PAVEMENT  
THICKNESS

D

NEW CONCRETE

SECTION A-A

EXISTING  
JOINT

BUTT JOINT REF. SD-212

SAW CUT FULL-DEPTH  
AND REMOVE OLD CONCRETE

TIE BAR REF. SD-210A

NOTE:

1. IF JOINT REPAIR IS GREATER THAN 1000 WIDE ON EITHER SIDE OF THE JOINT, USE ADDITIONAL 12.7mm LONGITUDINAL PLAIN BARS AT 450 O.C. OR USE BAR MAT REF. SD-217.
2. INSTALL DOWELS AT PATCH ENDS, REF. SD-213B.

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

Revisions

No.	Date	Description	By
3.	OCT 24	TIE BAR DETAILS	A.G.
2.	FEB 04	GENERAL REVISION	J.G.
1.	JAN 03	GENERAL REVISION	A.P.

LONGITUDINAL JOINT  
REPAIR DETAILS  
FULL-WIDTH PATCH  
(BOTH SIDES AT SAME TIME)

Designed By:  
L.S.W.L.

Drawn By:  
R.B.

Scale :  
N.T.S.

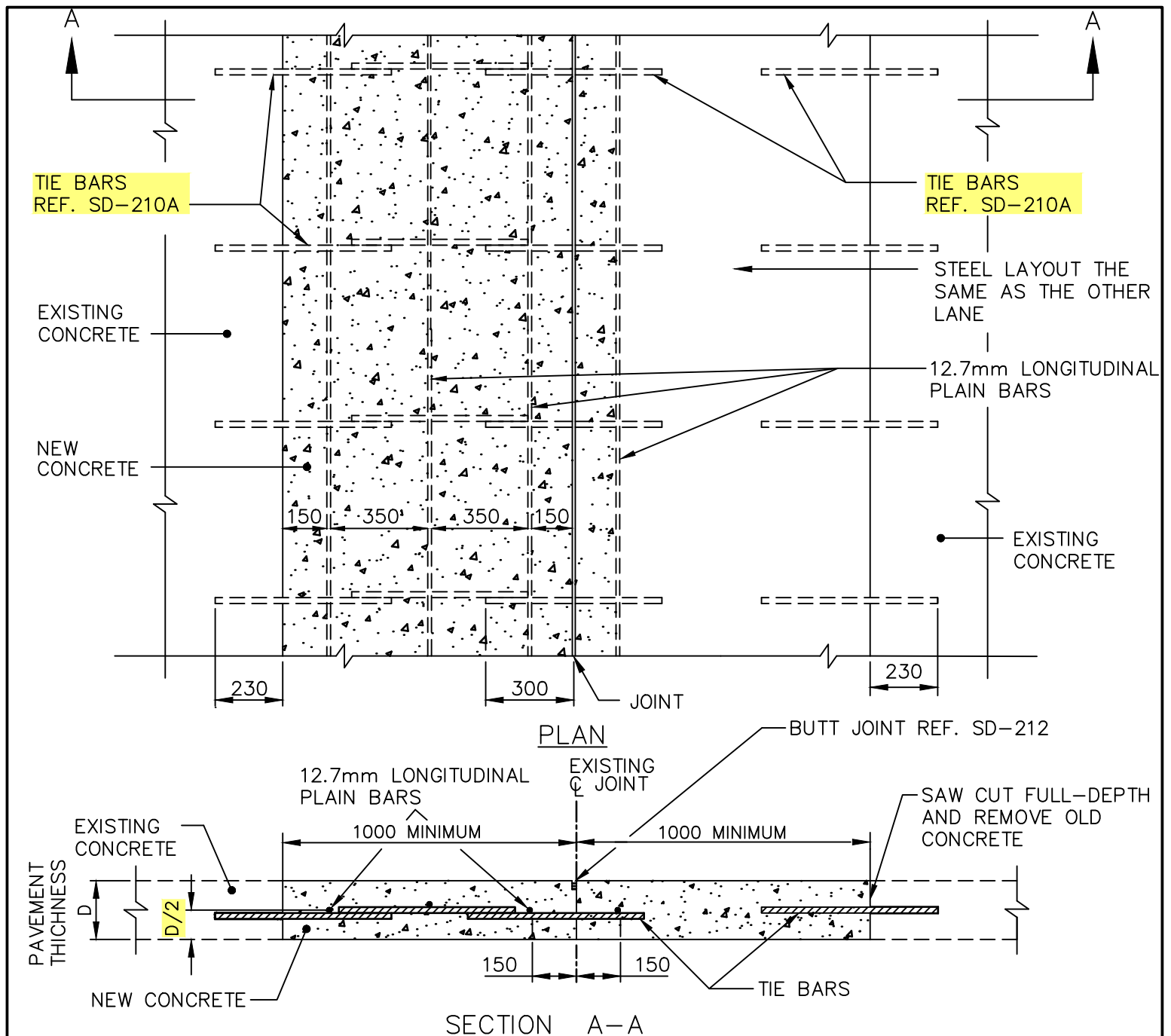
Checked By:  
B.P.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-214A



**NOTE:**

1. IF JOINT REPAIR IS GREATER THAN 1000 WIDE ON EITHER SIDE OF THE JOINT, USE ADDITIONAL 12.7mm LONGITUDINAL PLAIN BARS AT 450 O.C. OR USE BAR MAT REF. SD-217.
2. INSTALL DOWELS AT PATCH ENDS, REF. SD-213B.

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

LONGITUDINAL JOINT  
REPAIR DETAILS  
LANE-AT-A-TIME PATCH

**Revisions**

No.	Date	Description	By
1.	OCT 24	TIE BAR DETAILS AND LOCATION	A.G.

Designed By:  
L.S.W.L.

Drawn By:  
R.B.

Scale :  
N.T.S.

Checked By:  
B.P.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-214B

TIE BARS  
REF. SD-210A

EXISTING  
CONCRETE

NEW CONCRETE

LONGITUDINAL  
JOINT

12.7mm  
LONGITUDINAL  
PLAIN BARS

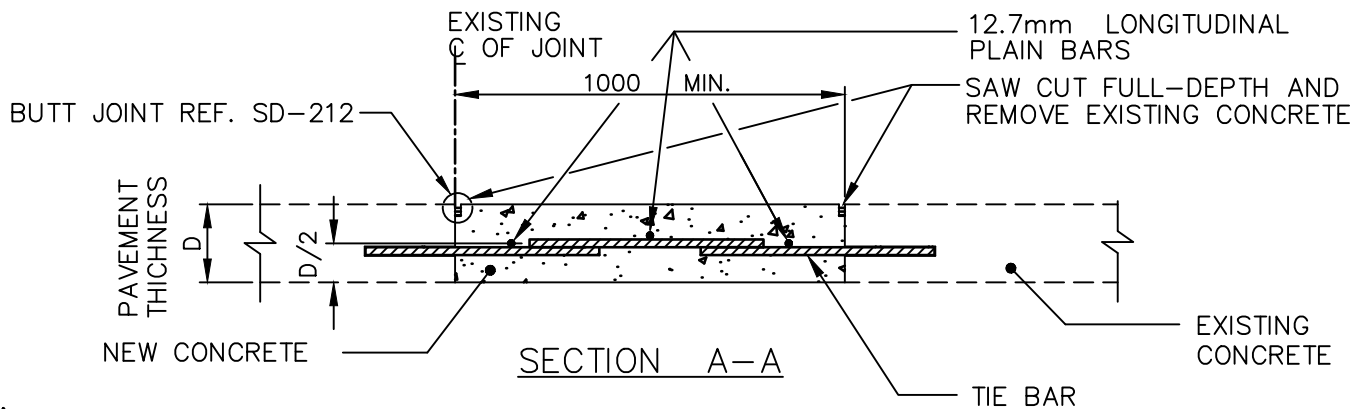
EXISTING  
CONCRETE

150 350 350 150

230

PLAN

230



NOTE:

1. IF JOINT REPAIR IS GREATER THAN 1000 WIDE ON EITHER SIDE OF THE JOINT, USE ADDITIONAL 12.7mm LONGITUDINAL PLAIN BARS AT 450 O.C. OR USE BAR MAT REF. SD-217.
2. INSTALL DOWELS AT PATCH ENDS, REF. SD-213B.

DIMENSIONS IN MILLIMETRES



THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

Revisions

No.	Date	Description	By
3.	OCT 24	TIE BAR DETAILS	A.G.
2.	FEB 04	GENERAL REVISION	J.G.
1.	JAN 03	GENERAL REVISION	L.W.B.

LONGITUDINAL JOINT PATCH DETAILS  
ONE SIDE ONLY

Designed By:  
L.S.W.L.

Drawn By:  
R.B.

Scale :  
N.T.S.

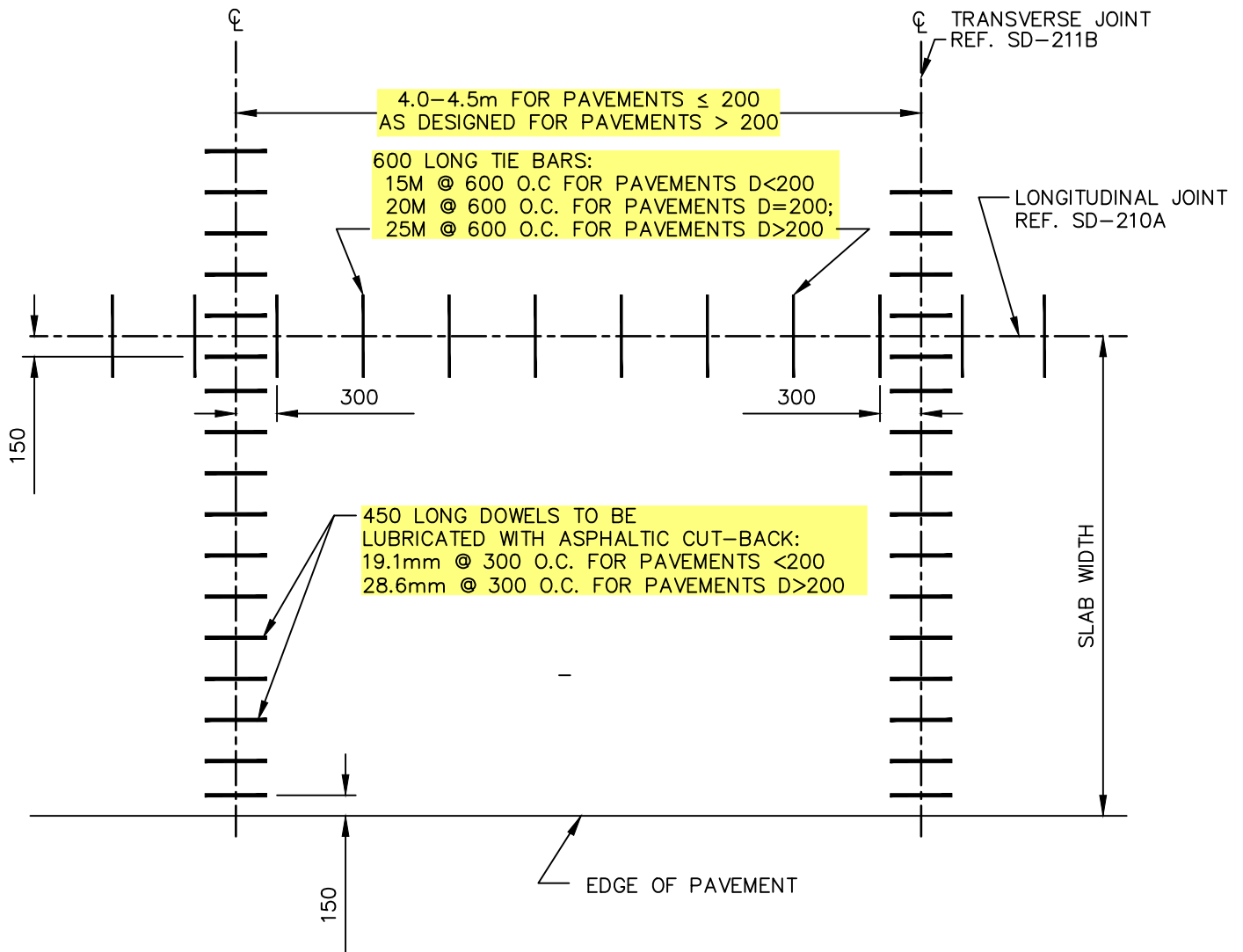
Checked By:  
B.P.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-214C



DIMENSIONS IN MILLIMETRES



THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

LOAD TRANSFER DEVICE FOR  
PLAIN DOWELLED CONCRETE  
PAVEMENT

# Revisions

No.	Date	Description	By
2.	OCT 24	TIE BAR AND DOWEL DETAILS	R.B.
1.	DEC 31	GENERAL REVISION	A.R.

Designed By:  
A.G.

Drawn By:  
R.B.

Scale :  
N.T.S.

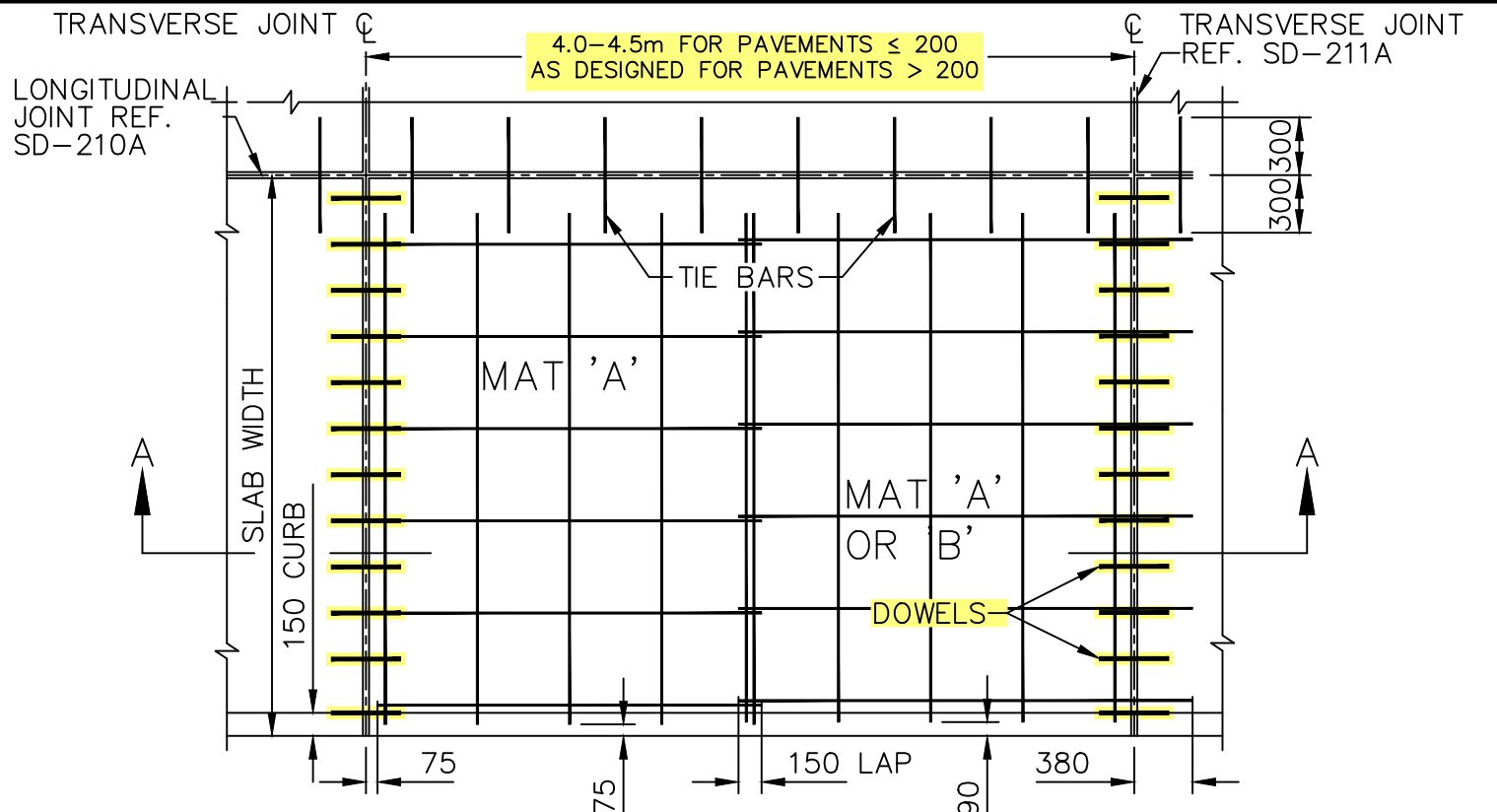
Checked By:  
B.K.

Date:  
2025-12-15

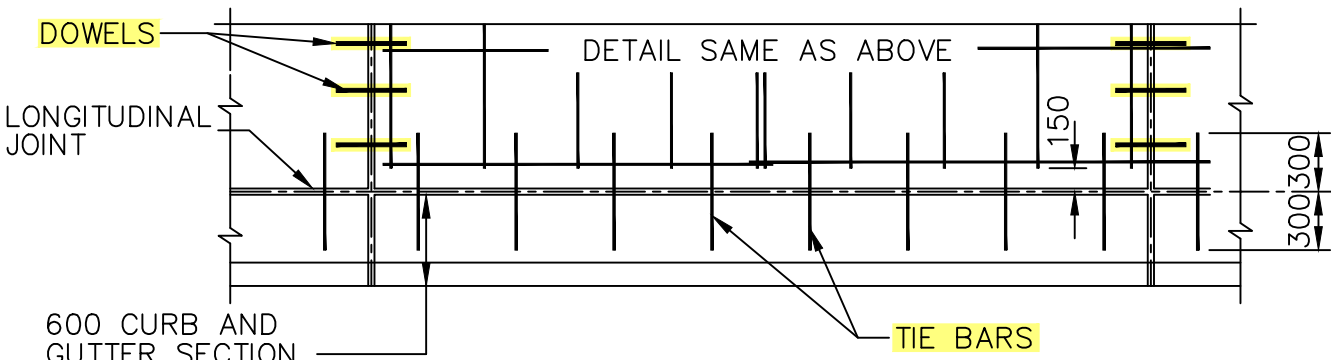
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

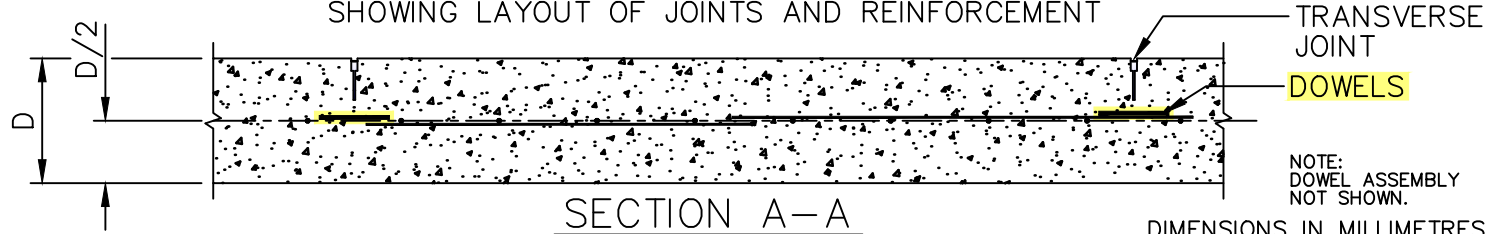
SD-215



PART PLAN OF PAVEMENT WITH CURB  
SHOWING LAYOUT OF JOINTS AND REINFORCEMENT



PART PLAN OF PAVEMENT WITH CURB AND GUTTER  
SHOWING LAYOUT OF JOINTS AND REINFORCEMENT



SECTION A-A

DIMENSIONS IN MILLIMETRES



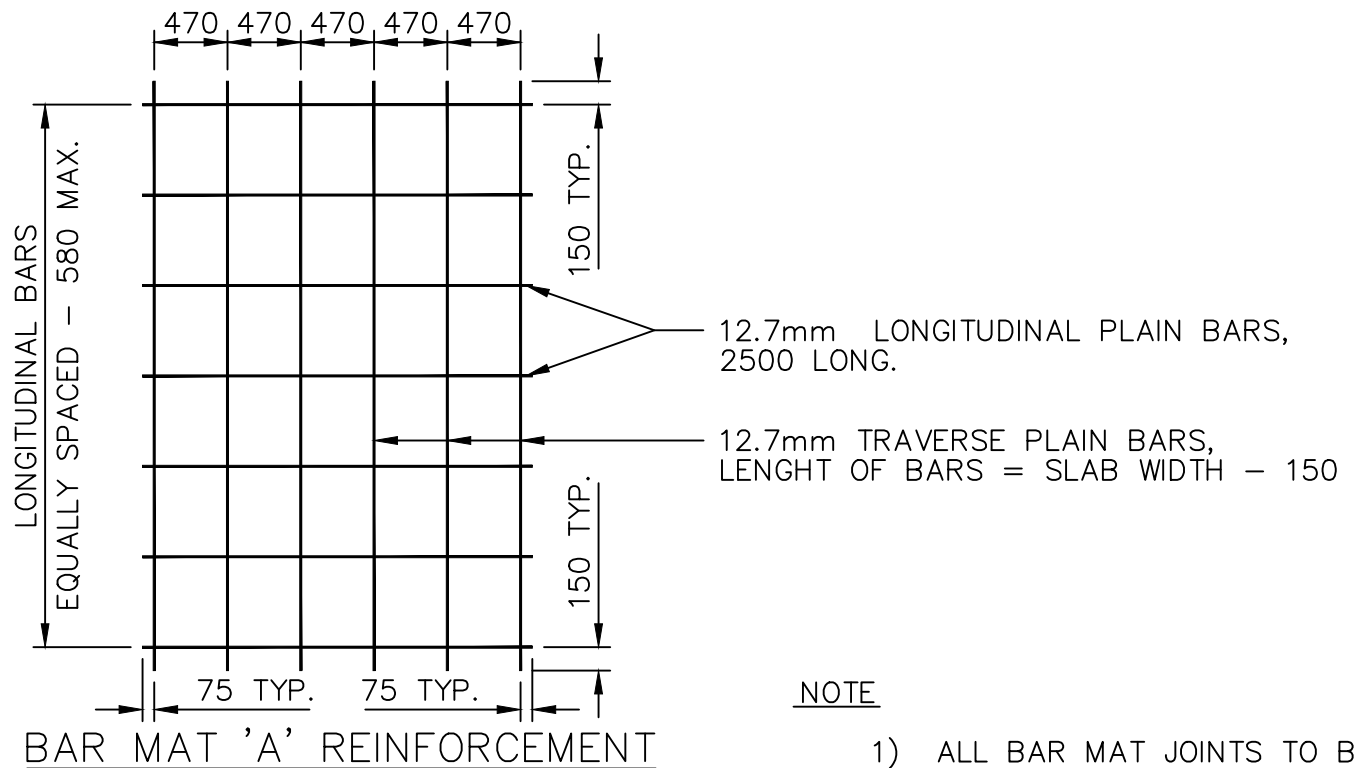
THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

Revisions			
1.	OCT 24	ADDED DOWELS	R.B.
1.	JAN 03	GENERAL REVISION	L.W.B.
No.	Date	Description	By

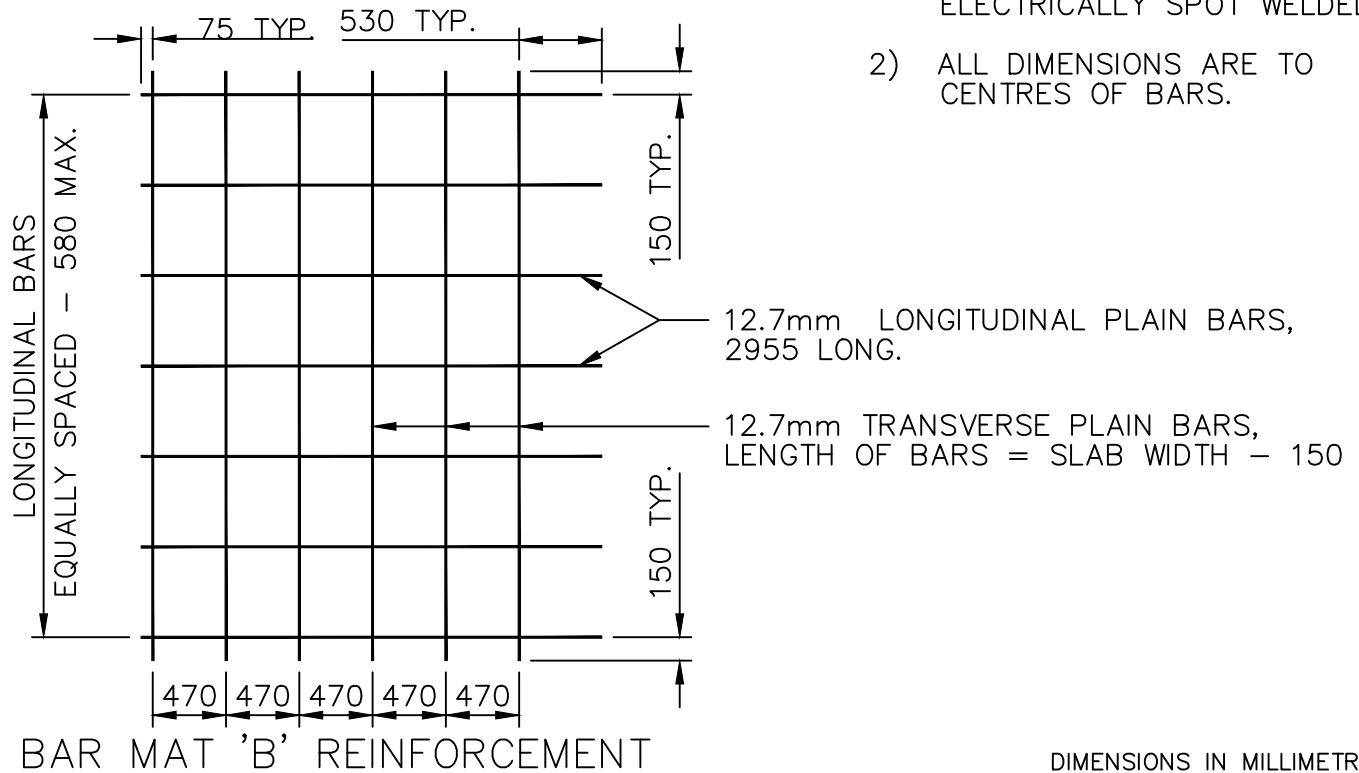
STEEL REINFORCEMENT FOR  
REINFORCED CONCRETE  
PAVEMENT

Designed By: A.G.	Drawn By: R.B.	Scale : N.T.S.
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-216



#### NOTE

- 1) ALL BAR MAT JOINTS TO BE ELECTRICALLY SPOT WELDED.
- 2) ALL DIMENSIONS ARE TO CENTRES OF BARS.



DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

#### Revisions

2.	OCT 24	GENERAL REVISION	A.G.
1.	JAN 01	GENERAL REVISION	A.R.
No.	Date	Description	By

LAYOUT FOR TYPE "A" AND "B"  
BAR MAT REINFORCEMENT

Designed By:  
B.P.

Drawn By:  
R.B

Scale :  
N.T.S.

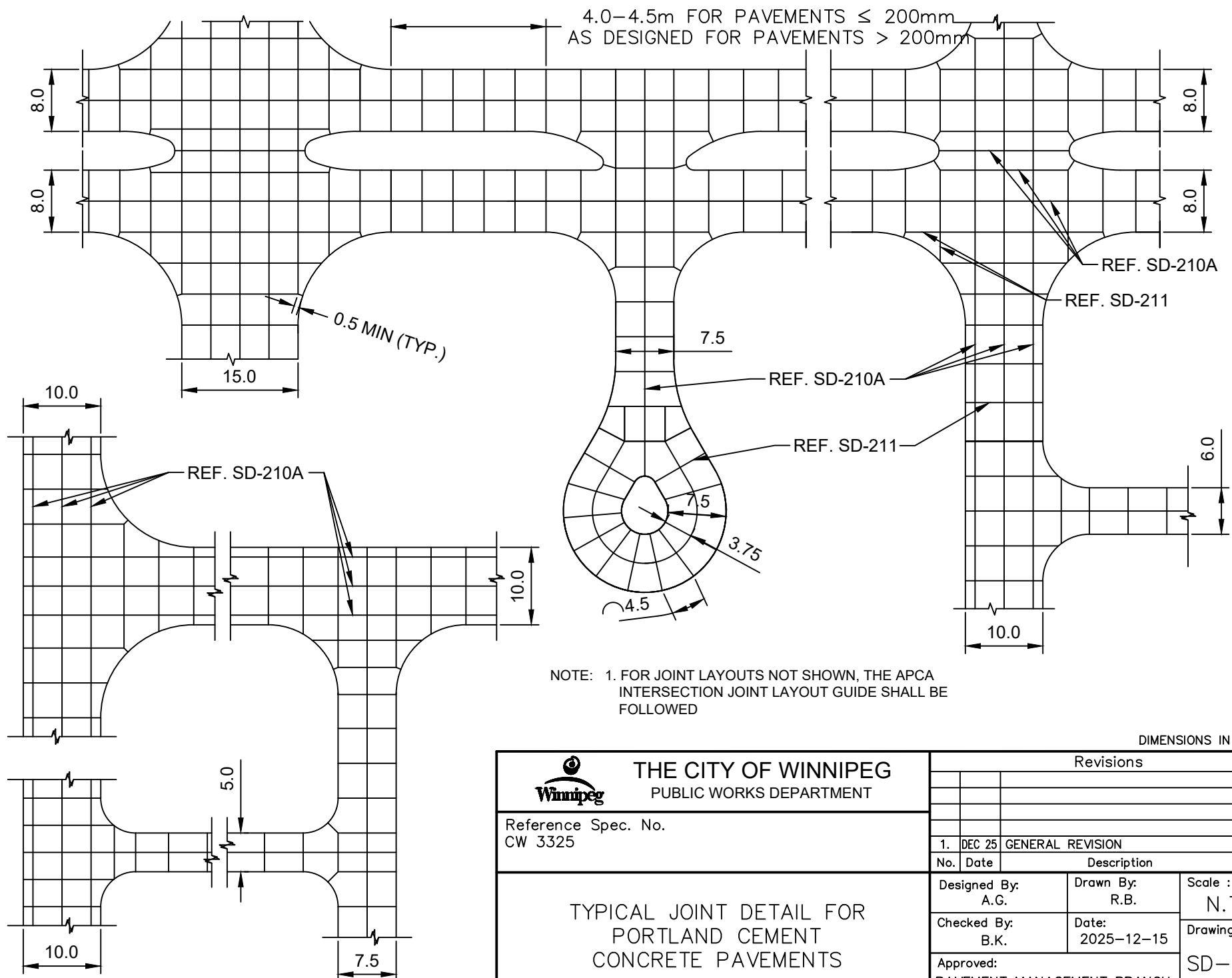
Checked By:  
D.R.K.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-217



DIMENSIONS IN METRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

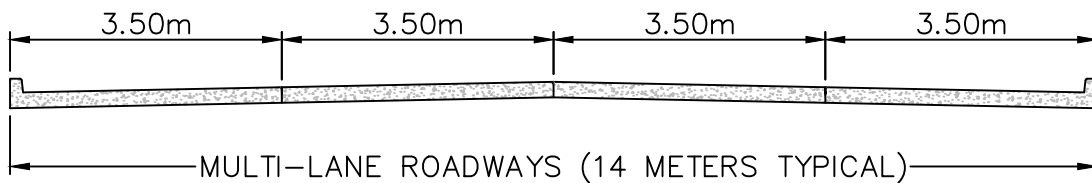
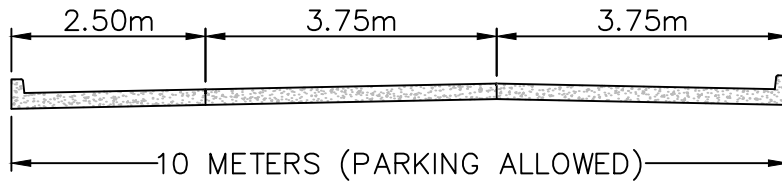
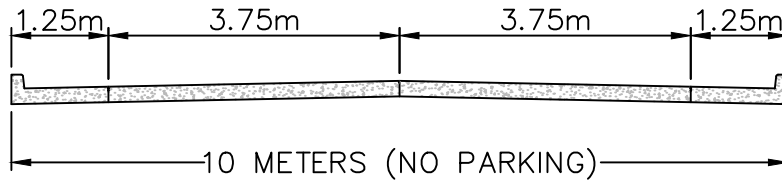
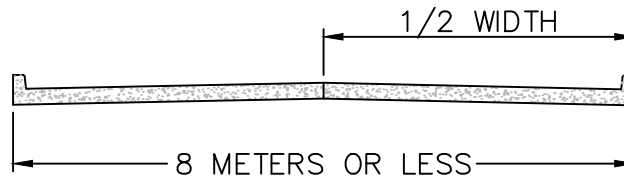
Reference Spec. No.  
CW 3325

TYPICAL JOINT DETAIL FOR  
PORTLAND CEMENT  
CONCRETE PAVEMENTS

Revisions

No.	Date	Description	By
1.	DEC 25	GENERAL REVISION	R.B.

Designed By: A.G.	Drawn By: R.B.	Scale : N.T.S.
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-218A



DIMENSIONS IN METRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec No.  
CW 3310

LOCATION OF LONGITUDINAL JOINTS  
IN CONCRETE PAVEMENTS

Revisions

1.	DEC 25	GENERAL REVISION	R.B.
No.	Date	Description	By

Designed By:  
L.S.W.Z

Drawn By:  
H.N.

Scale :  
N.T.S.

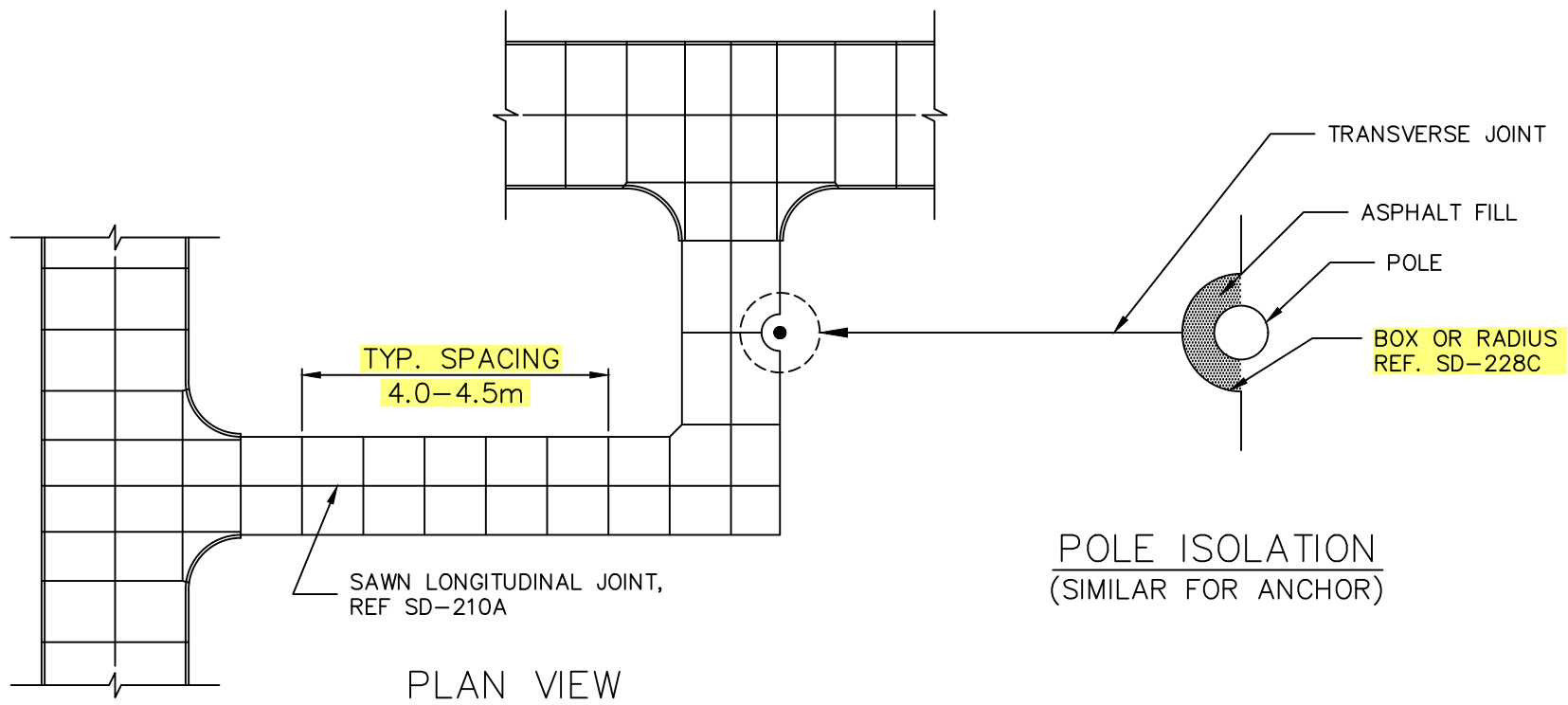
Checked By:  
L.S.W.Z

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-218B



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec No.  
CW 3230, CW 3310

TYPICAL PUBLIC LANE  
DETAILS

Revisions

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

Designed By:  
S.L.W.L.

Drawn By:  
R.B.

Scale :  
N.T.S.

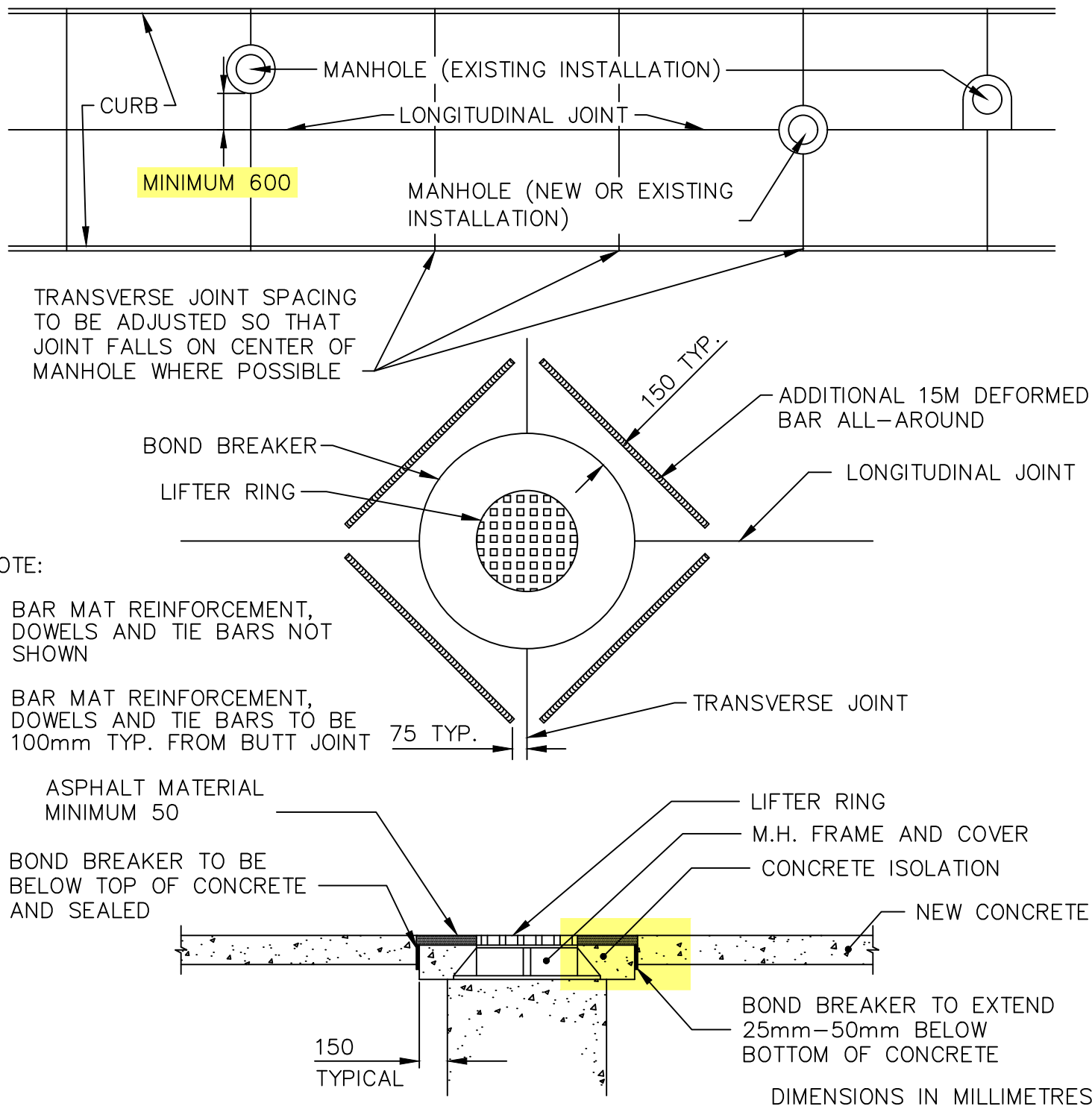
Checked By:  
A.G.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-219



# THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

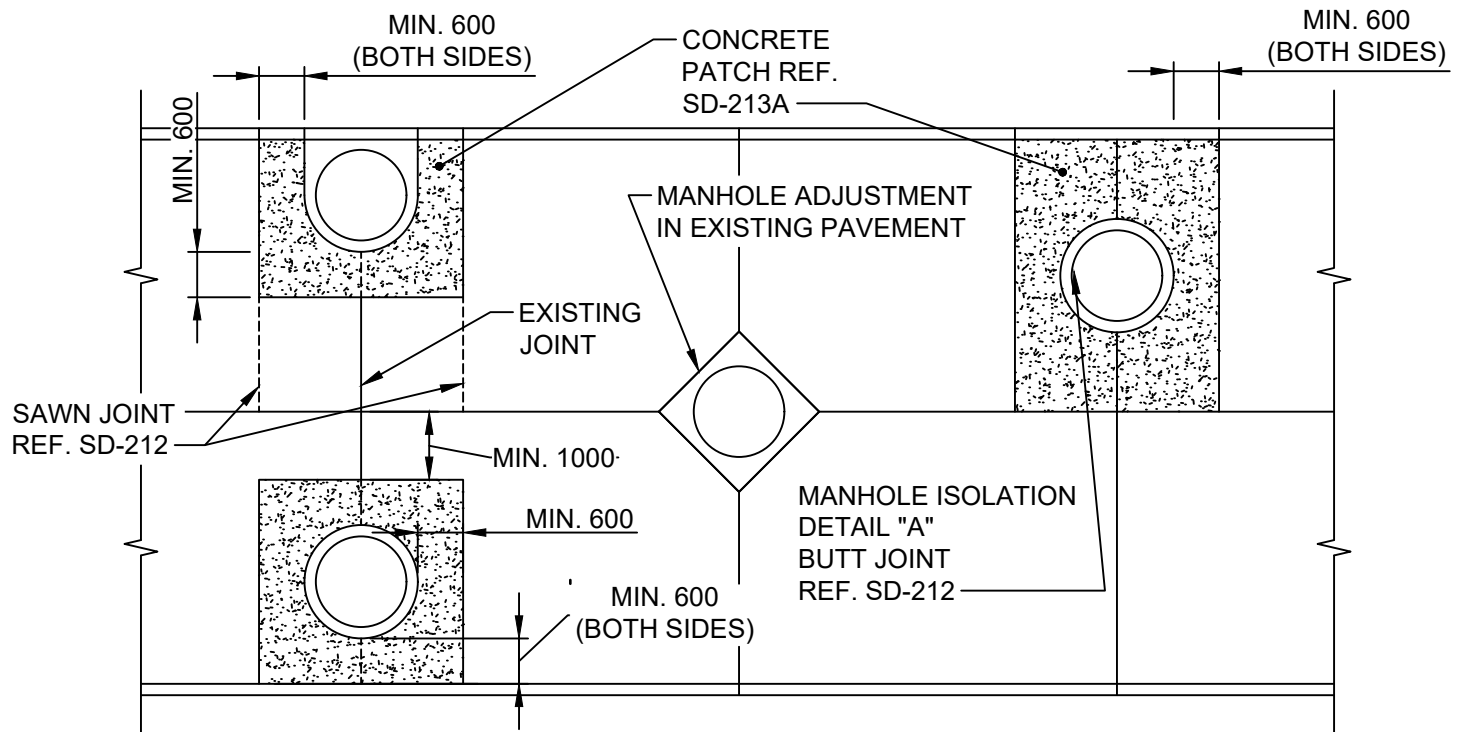
Reference Spec No.  
CW 3310

## MANHOLE ISOLATION DETAIL FOR CONCRETE PAVEMENTS

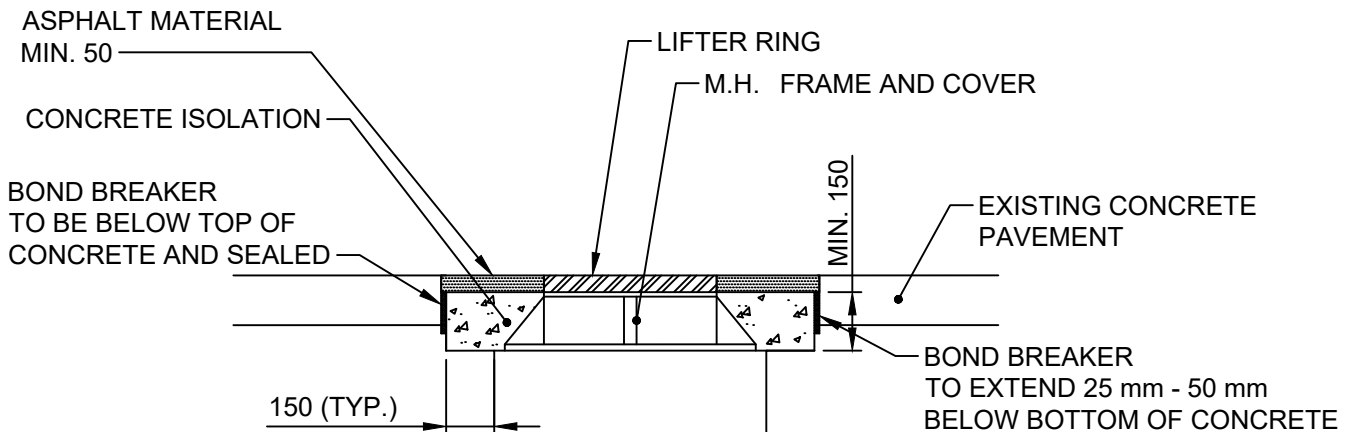
### Revisions

No.	Date	Description	By
2.	DEC 25	GENERAL REVISION	A.G.
1.	JAN 03	GENERAL REVISION	L.W.B.

Designed By: L.S.W.L.	Drawn By: R.B.	Scale : N.T.S.
Checked By: D.R.K.	Date: 2025-12-15	Drawing No. SD-220A
Approved: PAVEMENT MANAGEMENT BRANCH		



### ISOLATION FOR M.H. ADJUSTMENT OR RESTORATION



DETAIL "A"

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

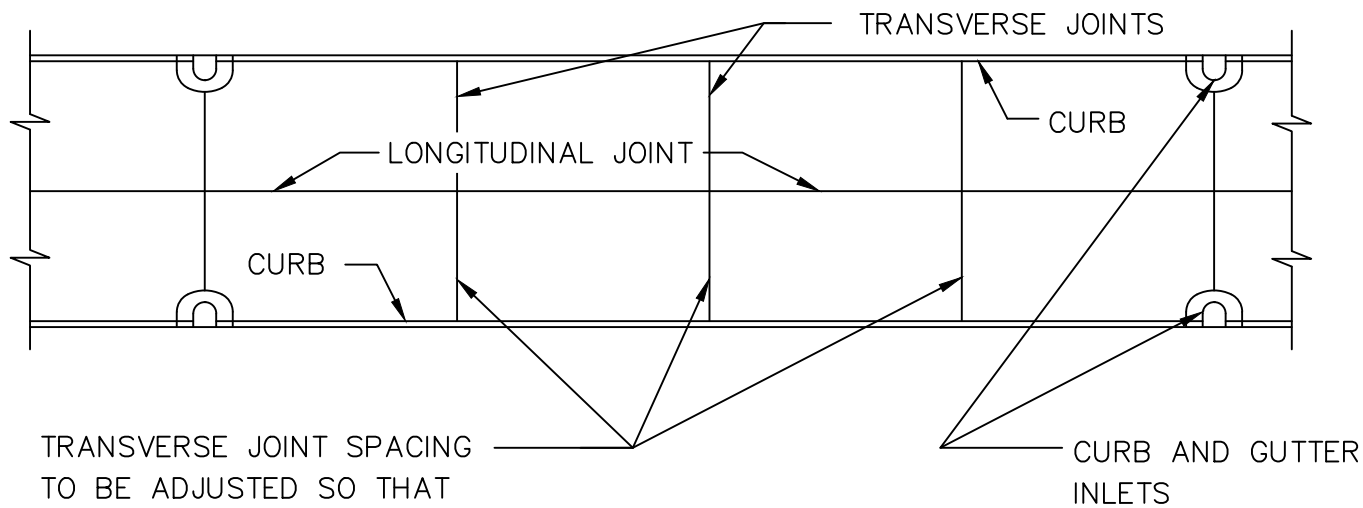
Reference Spec. No.  
CW 3210, CW 3230, CW 3310

#### Revisions

1.	DEC 25	GENERAL REVISION	R.B.
No.	Date	Description	By

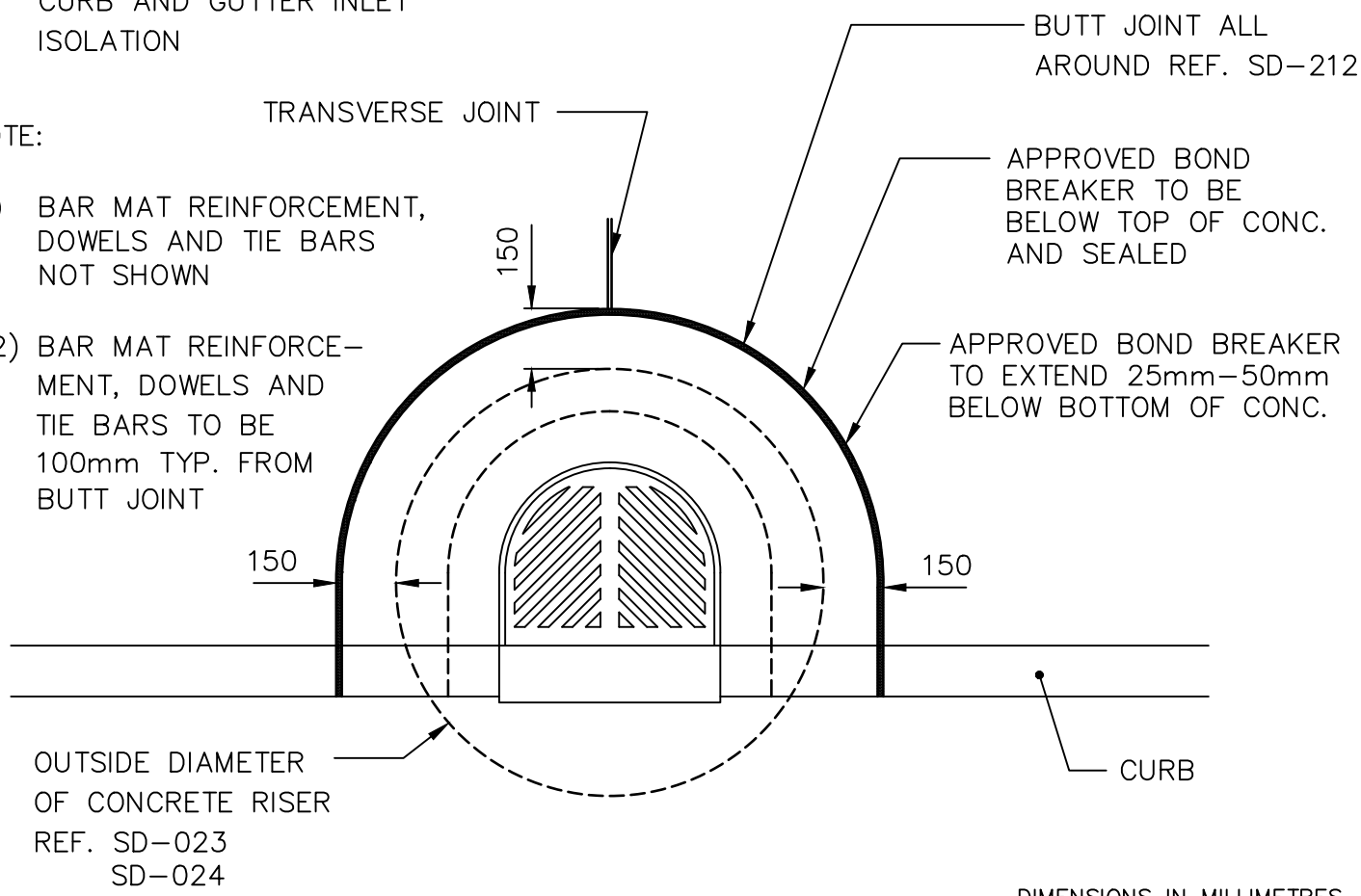
MANHOLE ISOLATION DETAIL  
IN EXISTING PAVEMENTS

Digned By: A.G.	Drawn By: R.B.	Scale : N.T.S.
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-220B



NOTE:

- 1) BAR MAT REINFORCEMENT, DOWELS AND TIE BARS NOT SHOWN
- 2) BAR MAT REINFORCEMENT, DOWELS AND TIE BARS TO BE 100mm TYP. FROM BUTT JOINT

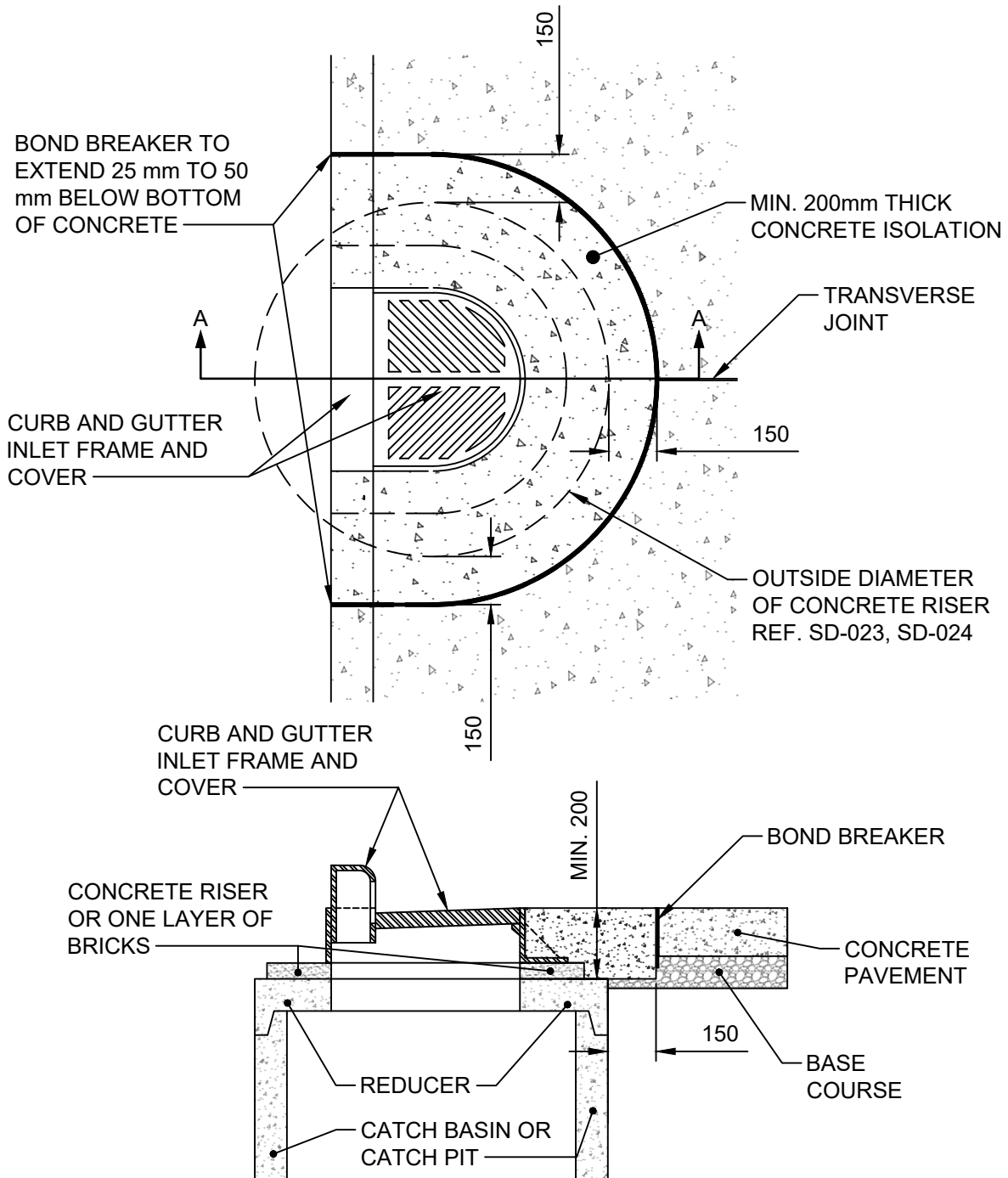


**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3210, CW 3230, CW 3310

CURB AND GUTTER INLET  
ISOLATION DETAIL

Revisions			
1.	DEC 25	ADDED ROUNDED FRAME	T.K.
No.	Date	Description	By
Designed By:		Drawn By:	Scale :
A.G.		T.K.	N.T.S.
Checked By:		Date:	Drawing No.
B.K.		2025-12-15	SD-220C
Approved:			
PAVEMENT MANAGEMENT BRANCH			



## SECTION A-A

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

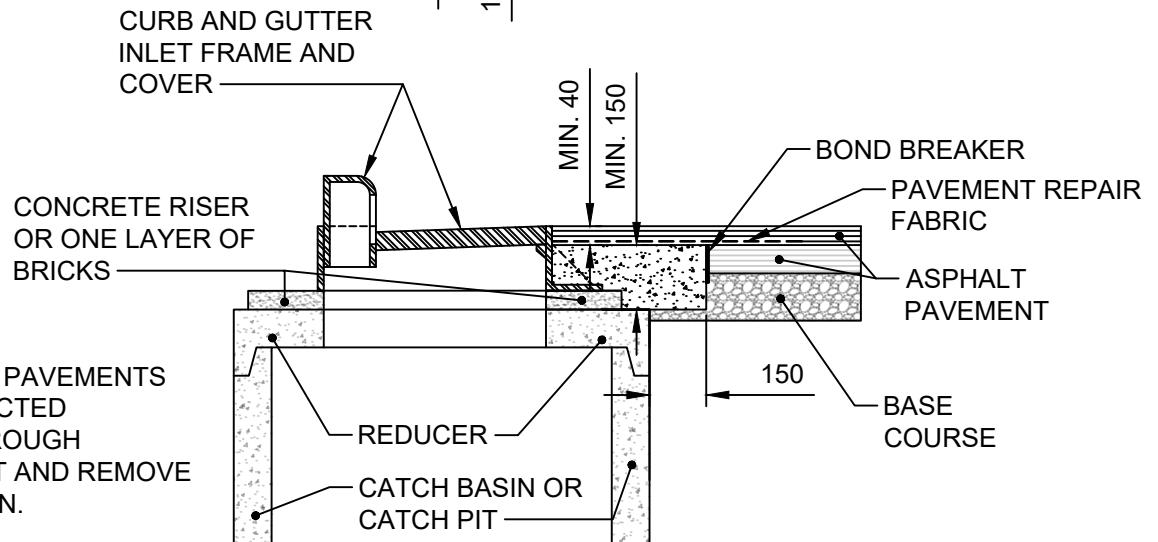
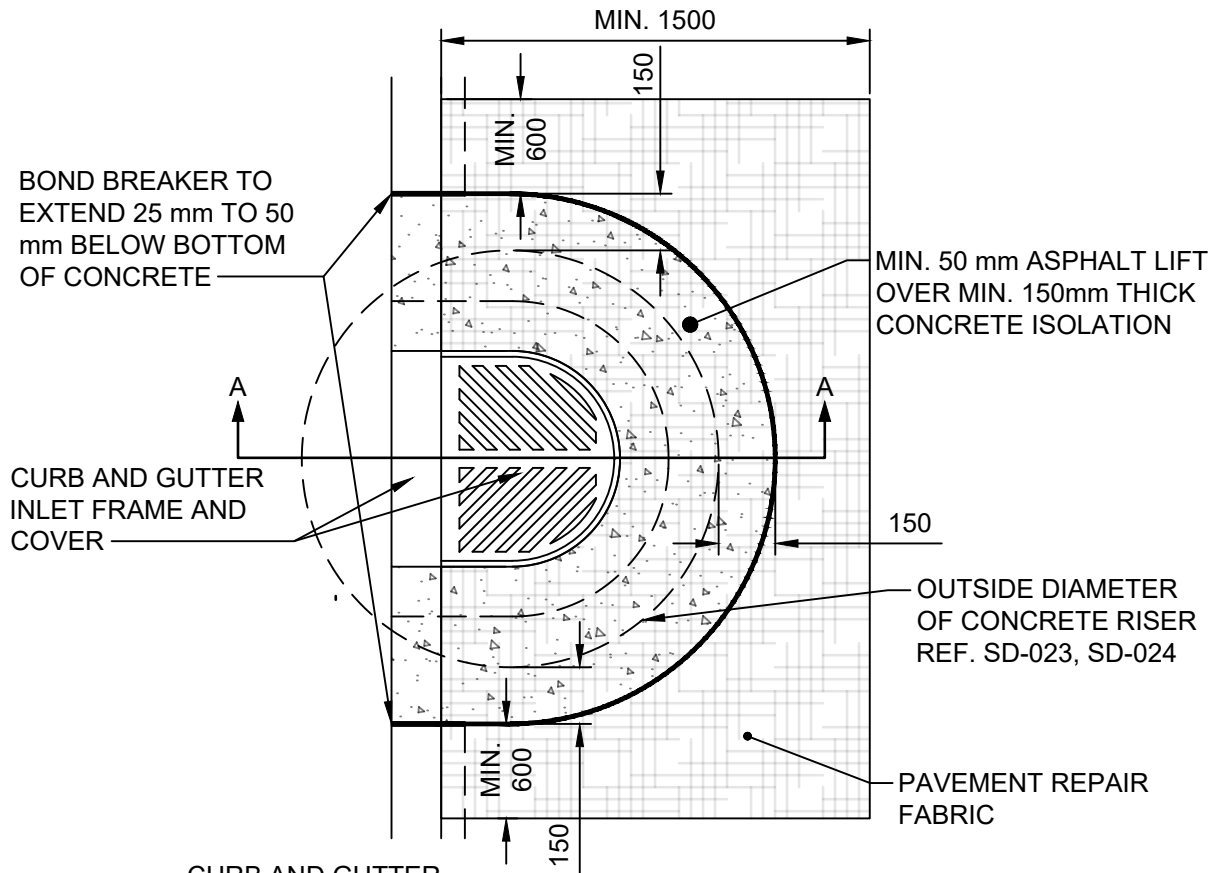
Reference Spec. No.  
CW 3325

### Revisions


No.	Date	Description	By
-----	------	-------------	----

Designed By: A.G.	Drawn By: T.K.	Scale : N.T.S.
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-220D

**BARRIER CURB AND GUTTER  
INLET ISOLATION DETAIL FOR  
EXPOSED CONCRETE PAVEMENTS**



**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

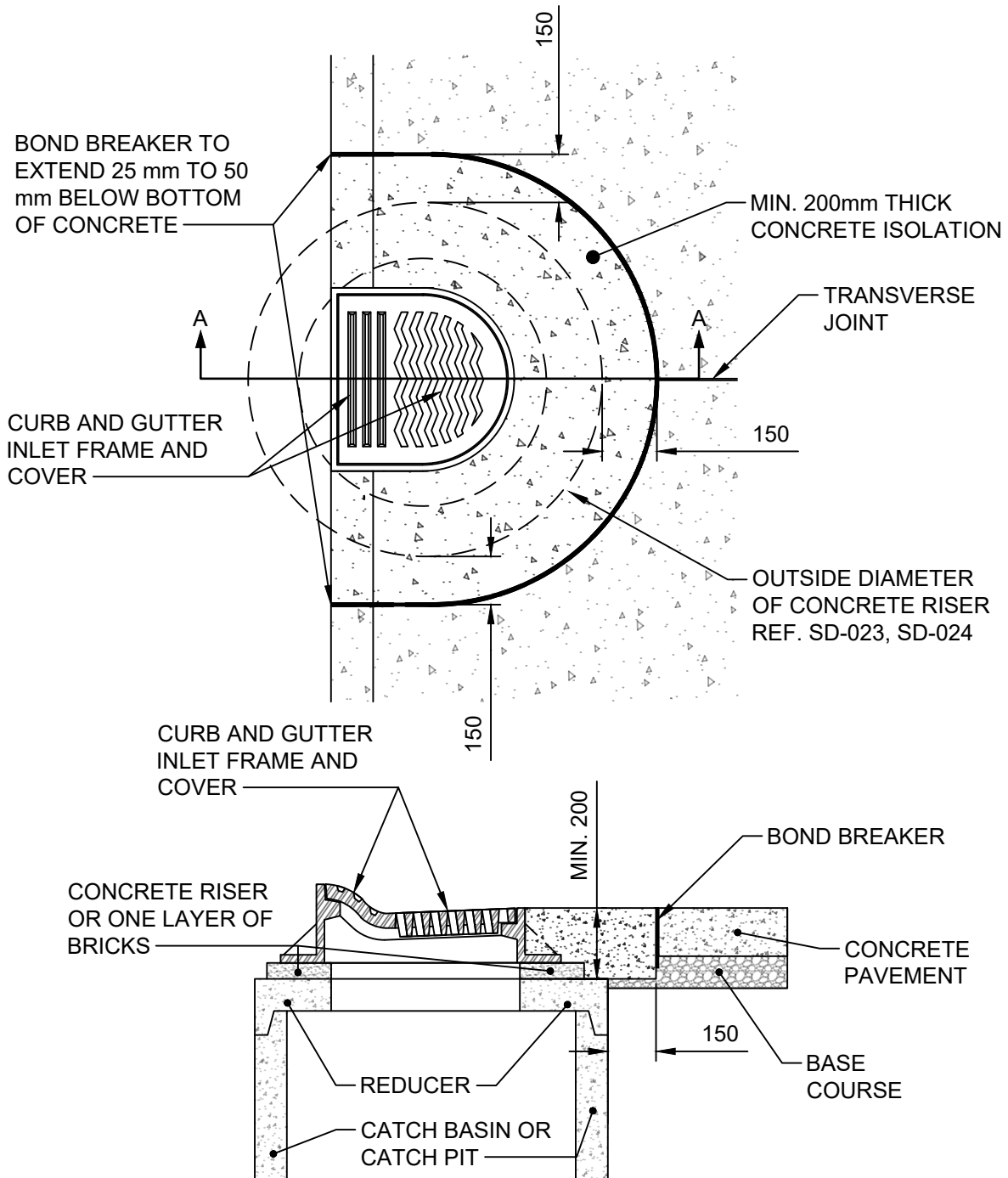
Reference Spec. No.  
CW 3325

**Revisions**


No.	Date	Description	By
-----	------	-------------	----

Designed By: A.G.	Drawn By: T.K.	Scale : N.T.S.
Checked By: B.K.	Date: 2025-12-15	Drawing No. SD-220E
Approved: PAVEMENT MANAGEMENT BRANCH		

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



## SECTION A-A

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

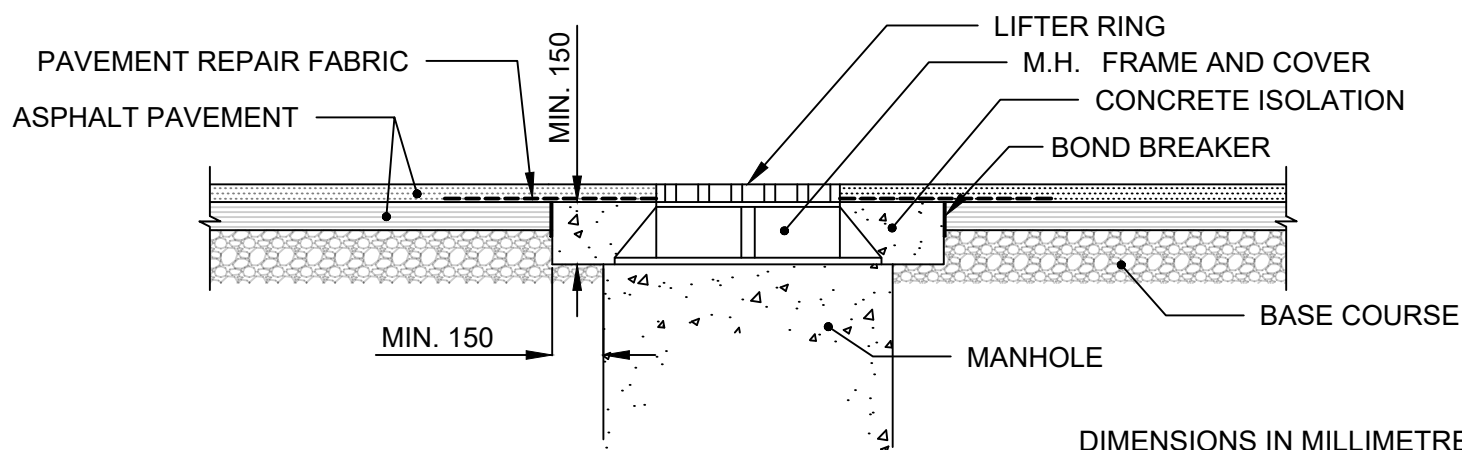
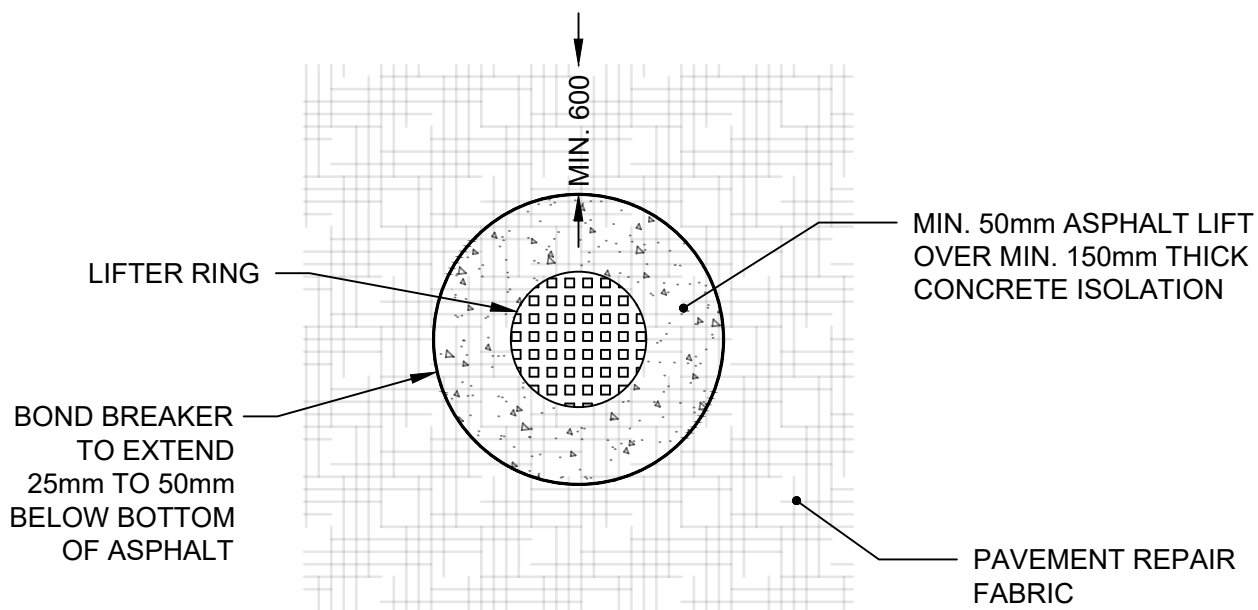
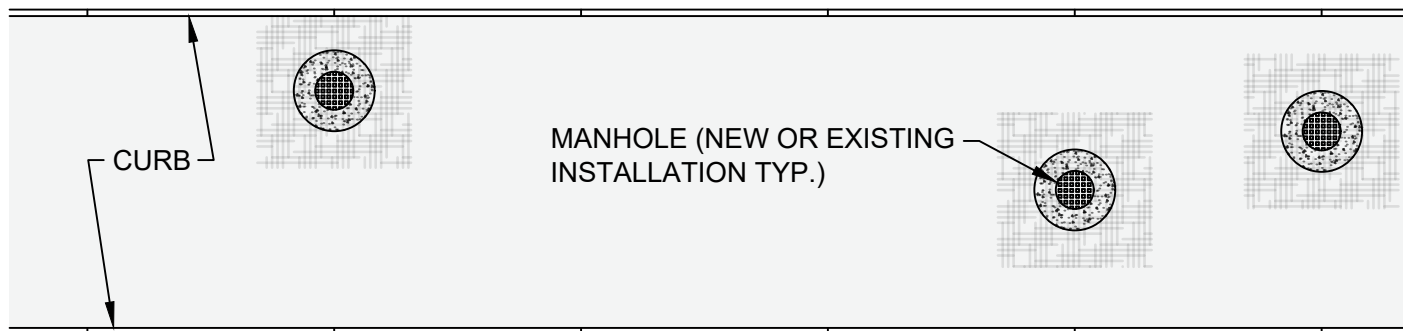
Reference Spec. No.  
CW 3325

### Revisions


No.	Date	Description	By
-----	------	-------------	----

Designed By: A.G.	Drawn By: T.K.	Scale : N.T.S.
Checked By: B.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-220F

LIP CURB AND GUTTER INLET  
ISOLATION DETAIL FOR EXPOSED  
CONCRETE PAVEMENTS



DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec No.  
CW 3310

Revisions

No.	Date	Description	By

**MANHOLE ISOLATION  
DETAIL FOR ASPHALT  
PAVEMENTS**

Designed By:  
A.G.

Drawn By:  
T.K.

Scale :  
N.T.S.

Checked By:  
B.K.

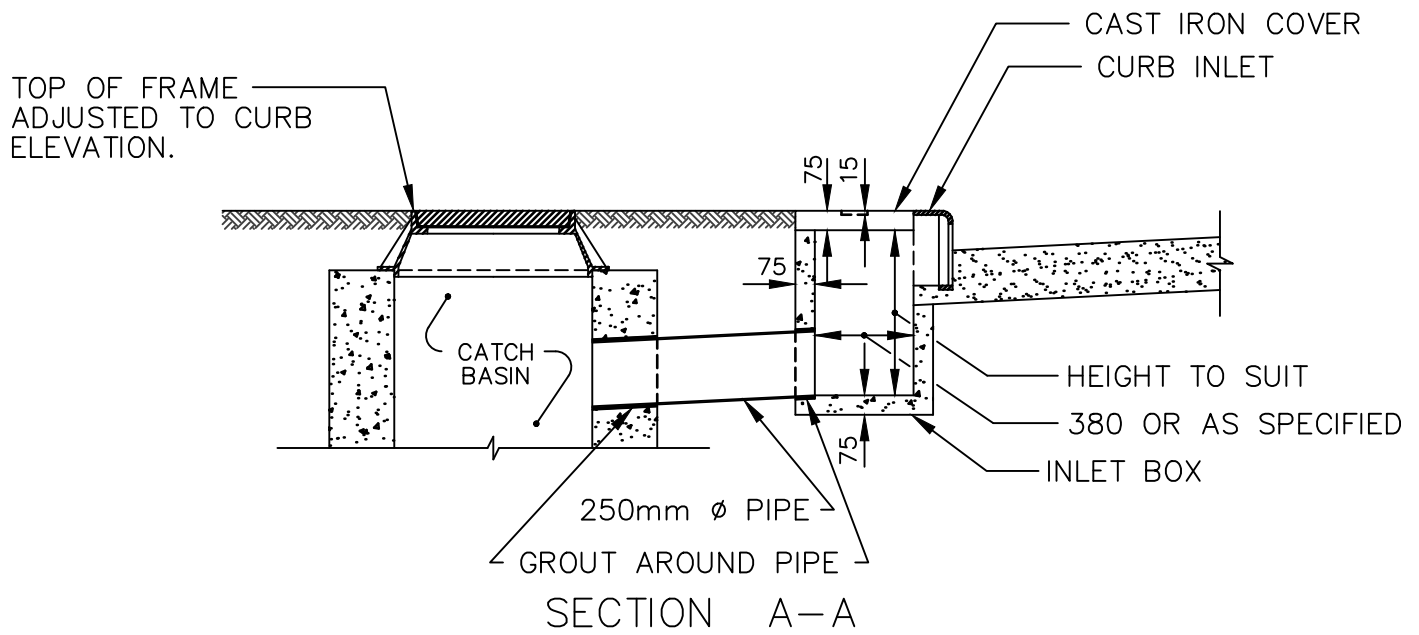
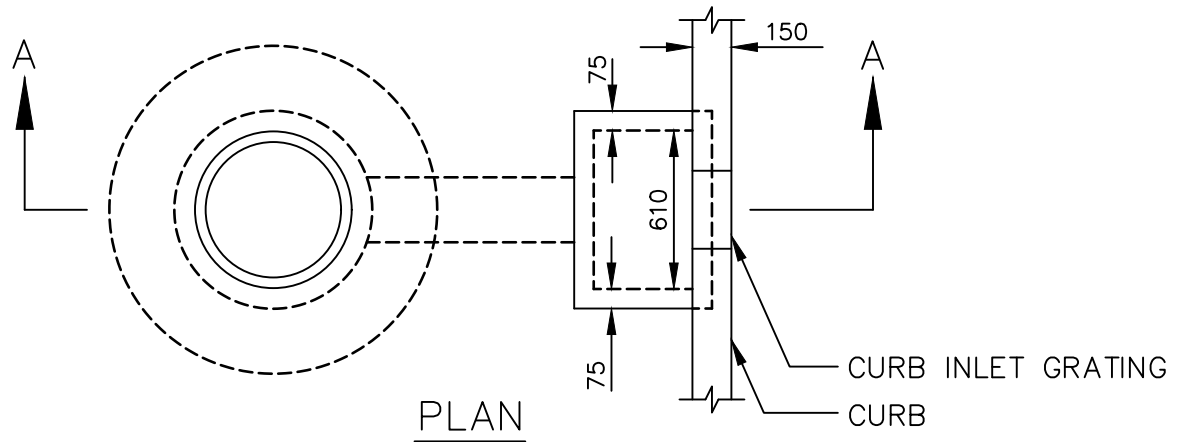
Date:  
2026-1-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-220G





NOTE

- 1) IF INLET INTO CATCH BASIN DOES NOT EXIST, BREAK INTO THE WALL OF THE CATCH BASIN TO PROVIDE FOR INLET.
- 2) IF CATCH BASIN IS TOO CLOSE TO CURB TO INSTALL 250mm PIPE, RELOCATE CURB INLET ALONG CURB.

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

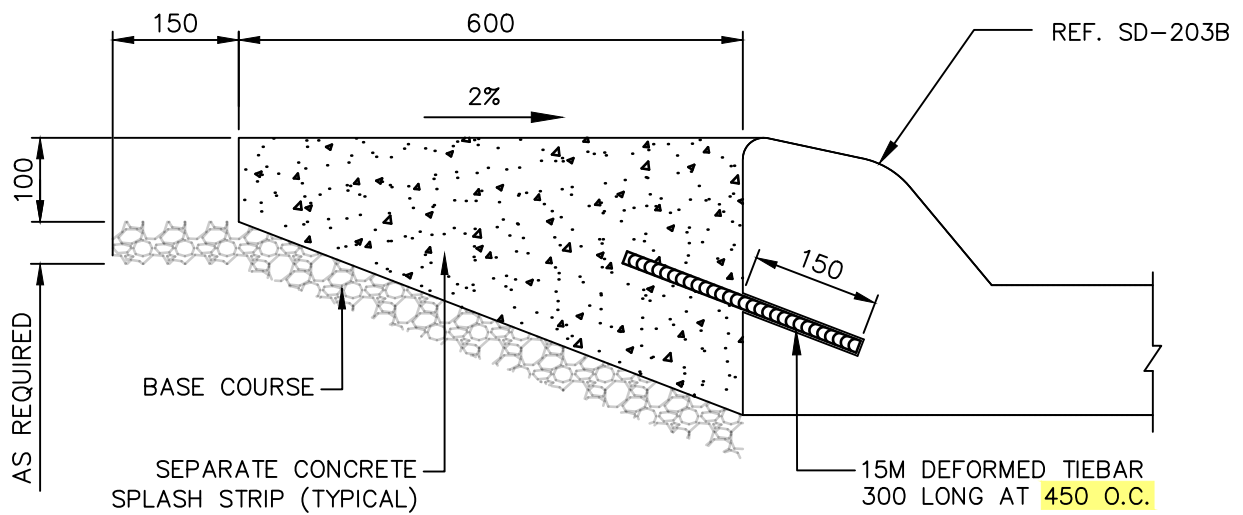
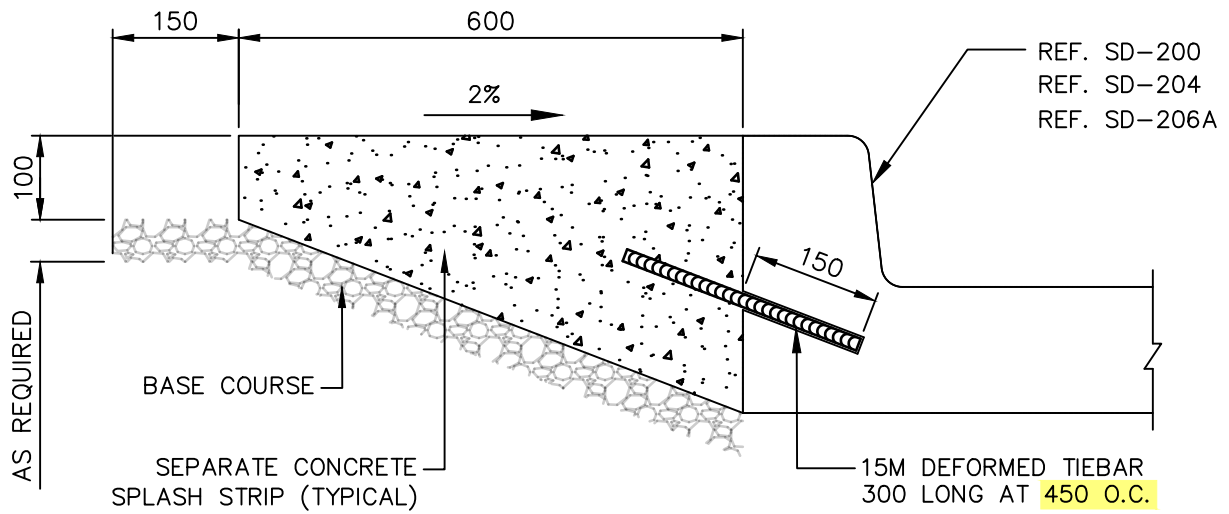
Reference Spec. No.  
CW 3210

Revisions

1.	JAN 26	GENERAL REVISION	A.G.
No.	Date	Description	By

CURB INLET WITH  
CATCH BASIN IN BOULEVARD

Designed By: L.S.W.L.	Drawn By: G.F.N.	Scale : N.T.S.
Checked By: L.S.W.L.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-222



DIMENSIONS IN MILLIMETRES

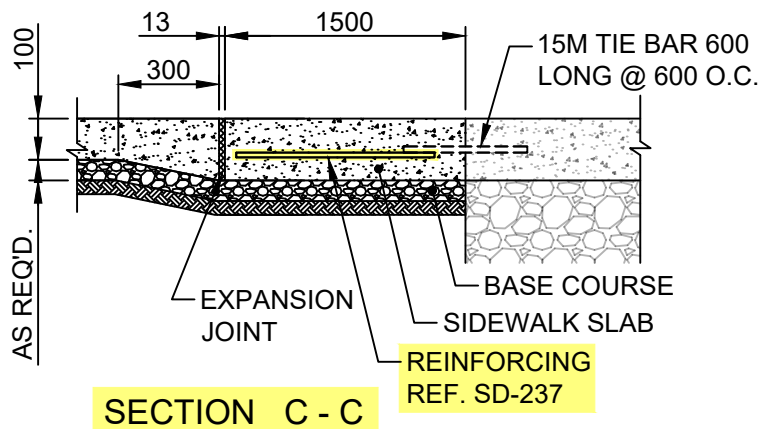
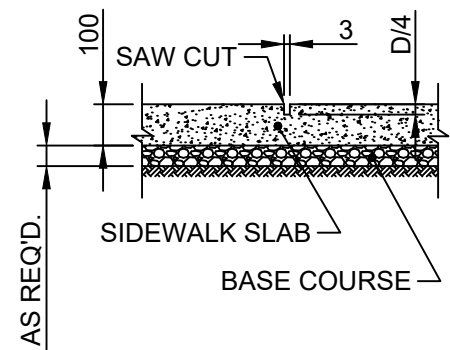
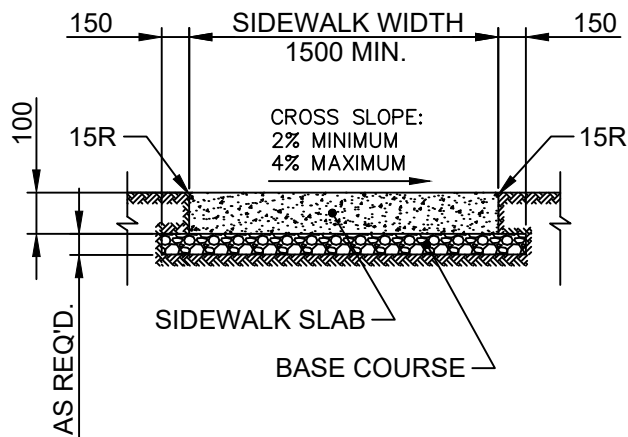
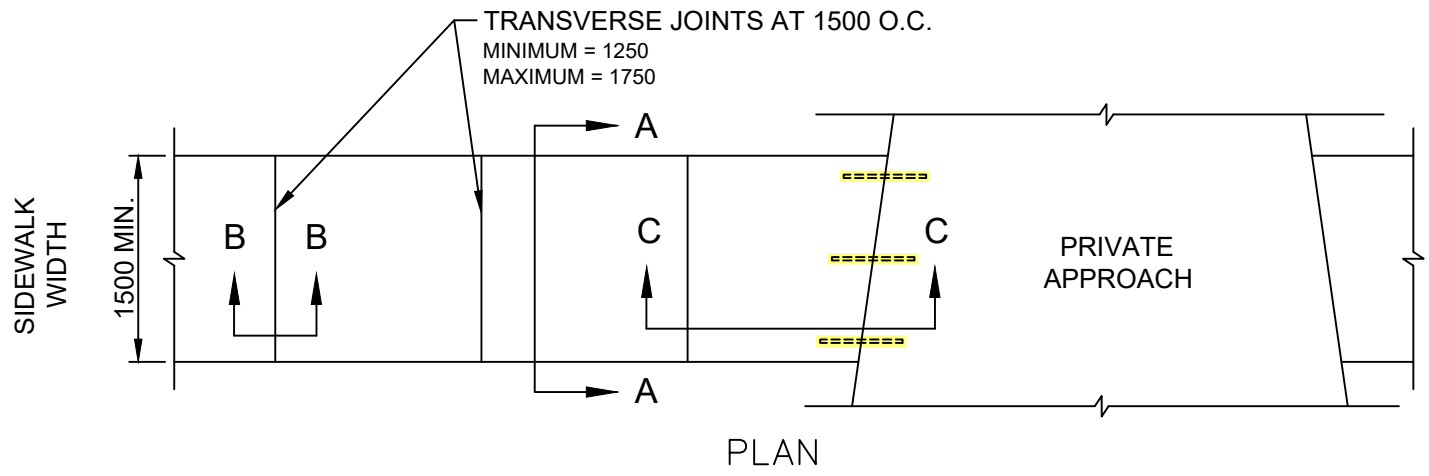


**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3310

SEPARATE CONCRETE  
SPLASH STRIP

Revisions			
1.	DEC 25	GENERAL REVISION	T.K.
No.	Date	Description	By
Designed By:		Drawn By:	Scale :
A.G.		T.K.	N.T.S.
Checked By:		Date:	Drawing No.
B.K.		2025-12-15	
Approved:			SD-223B
PAVEMENT MANAGEMENT BRANCH			



#### 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

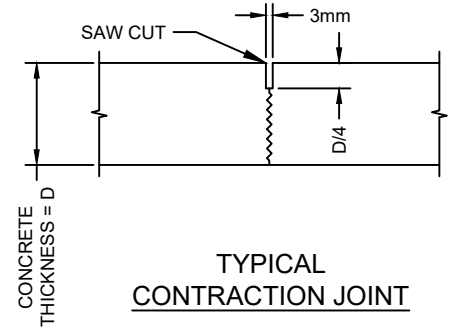
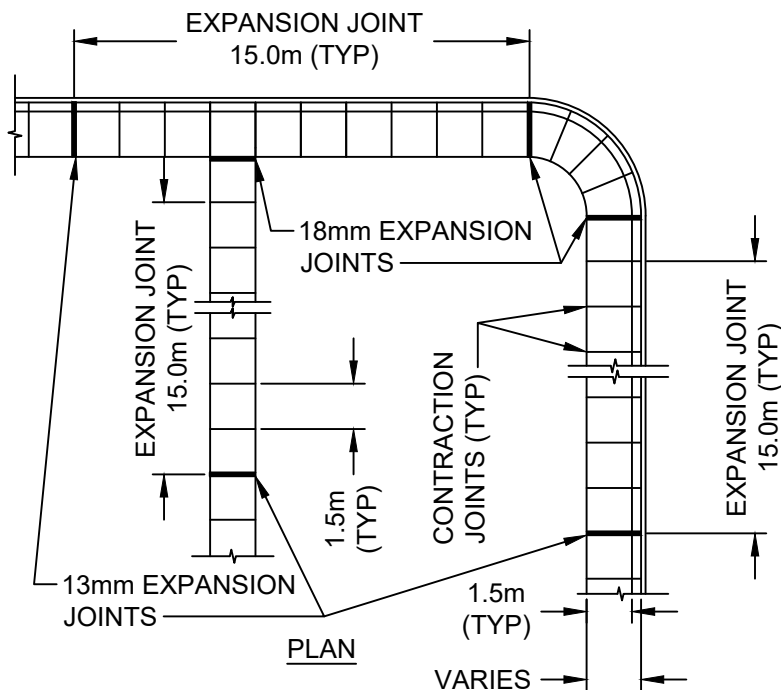
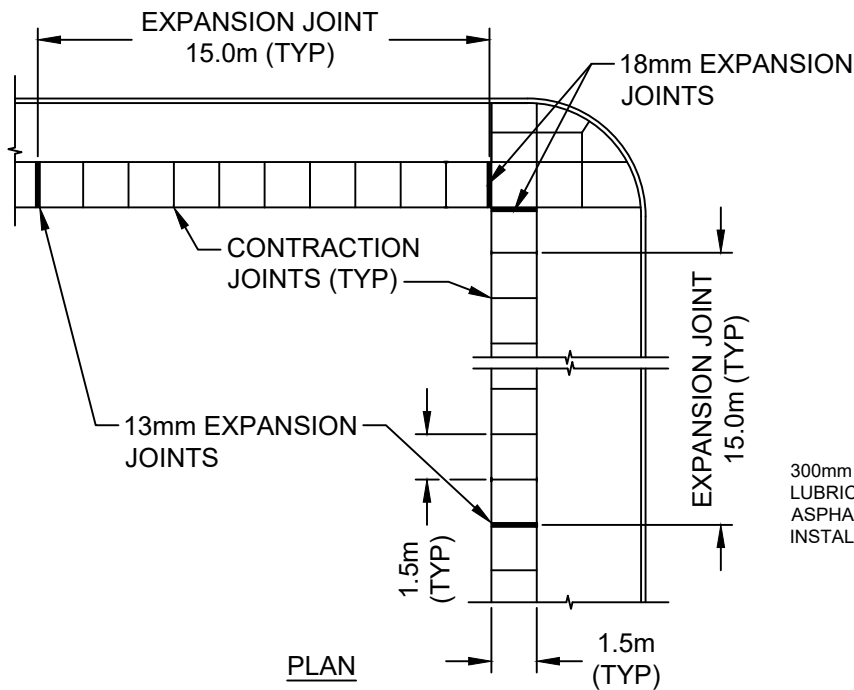


**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

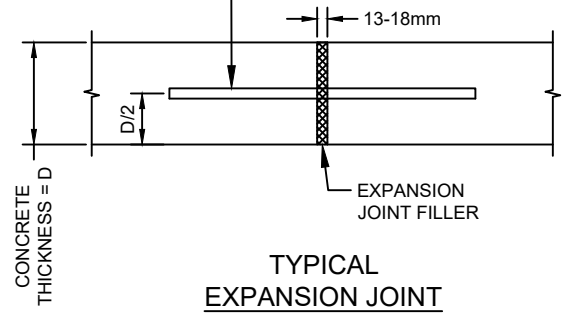
Reference Spec. No.  
CW 3235, CW 3310, CW 3325

CONCRETE SIDEWALK

Revisions			
1.	DEC 25	ADDED TIE BARS AND REINFORCING	T.K.
No.	Date	Description	By
Designed By:		Drawn By:	Scale :
A.G.		R.B.	N.T.S.
Checked By:		Date:	Drawing No.
B.K.		2025-12-15	
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
5. DOWELS SHALL BE DRILLED AND EXPANSION JOINT FILLER INSTALLED WHEN TYING INTO EXISTING SIDEWALK



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3325

**SIDEWALK EXPANSION JOINTS**

#### Revisions


No.	Date	Description	By
-----	------	-------------	----

Designed By:  
A.G.

Drawn By:  
R.B.

Scale :  
N.T.S.


Checked By:  
B.K.

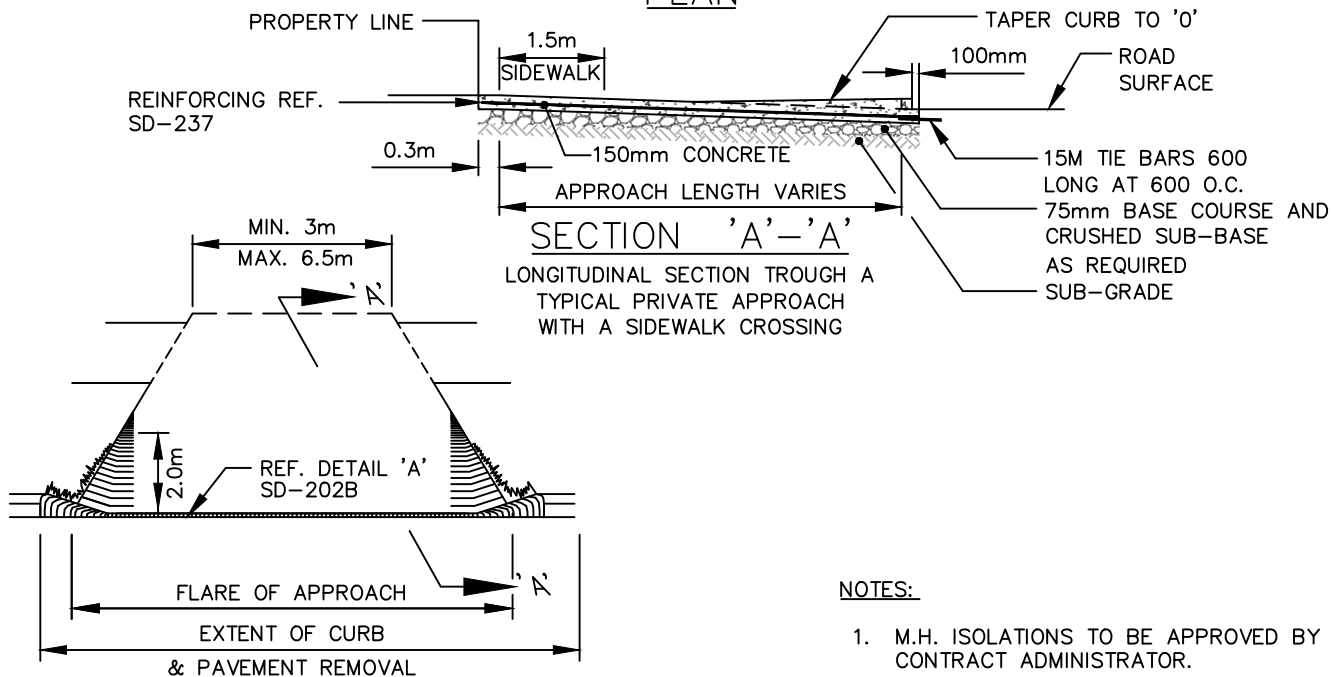
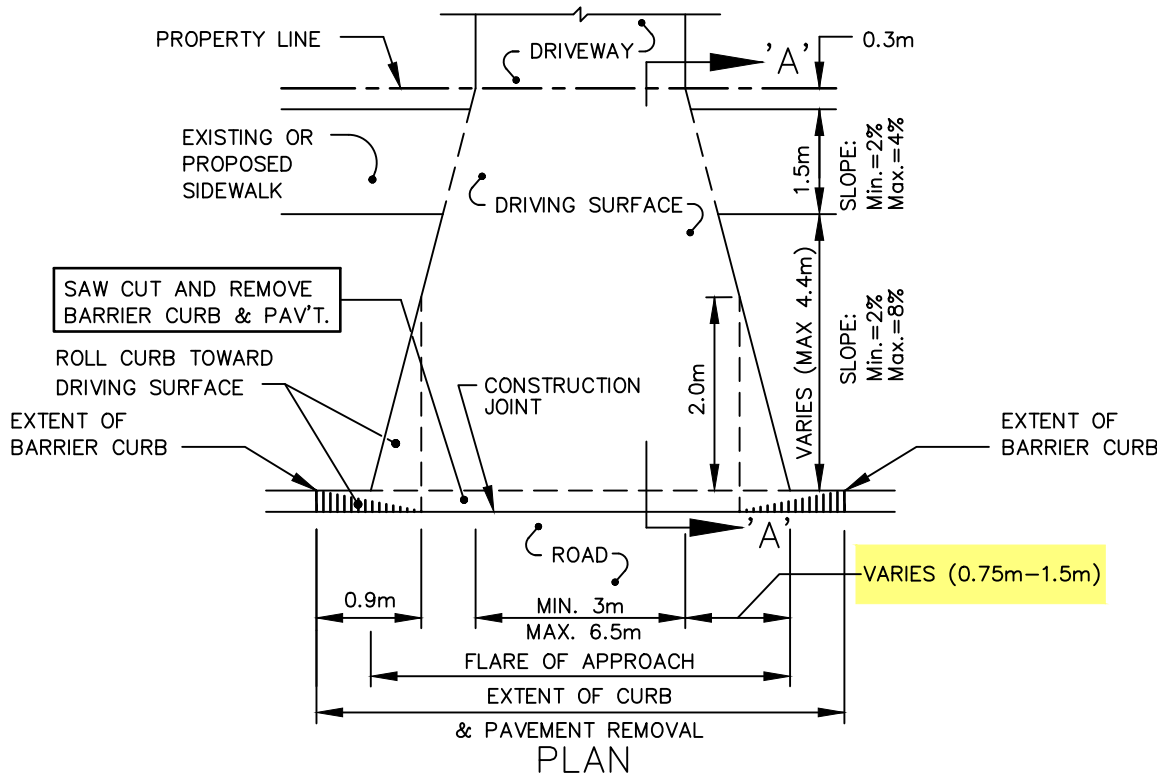
Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-228D

 <div> <div>THE CITY OF WINNIPEG</div> <div>PUBLIC WORKS DEPARTMENT</div> </div>	Revisions			
Reference Spec. No. CW 3325	No.	Date	Description	By
CURB RAMP FOR ASPHALT PAVEMENT	Designed By: A.G.		Drawn By: T.K.	Scale : N.T.S
	Checked By: B.K.		Date: 2025-12-15	Drawing No.
	Approved: PAVEMENT MANAGEMENT BRANCH			SD-229F



FRONTAL PERSPECTIVE OF FINISHED PRIVATE APPROACH

NOTES:

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



THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3240, CW 3310

RESIDENTIAL APPROACH—CONCRETE  
(WITH EXISTING BARRIER CURB)

Revisions

1.	DEC 25	CHANGED FLARE TO A RANGE	A.G.
No.	Date	Description	By

Designed By:  
B.P.

Drawn By:  
T.G.A.

Scale :  
N.T.S.

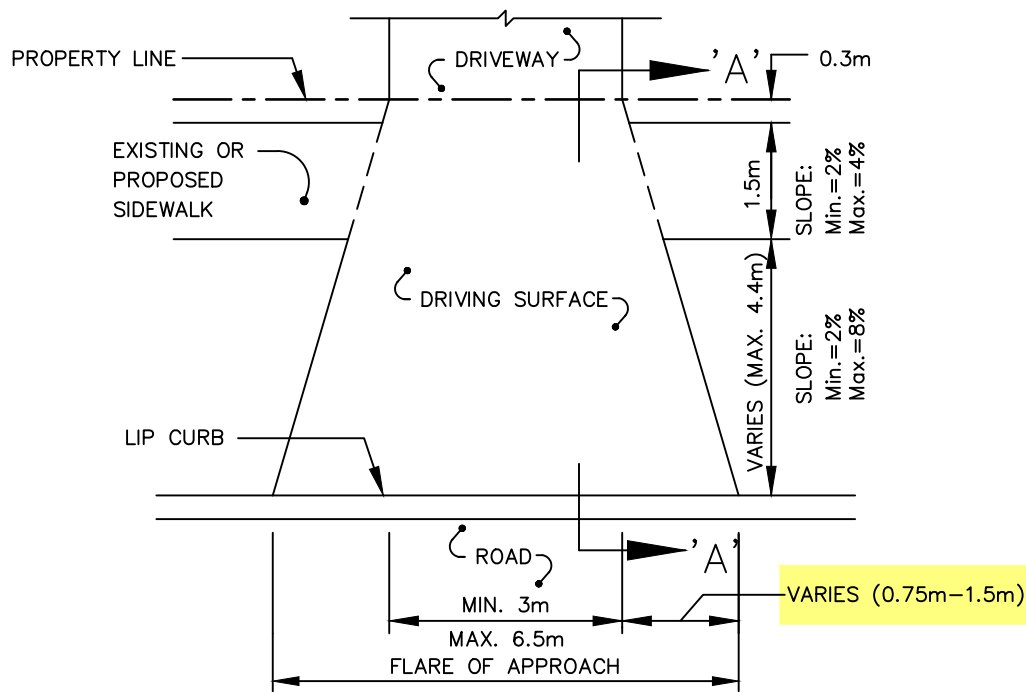
Checked By:  
B.P.

Date:  
2025-12-15

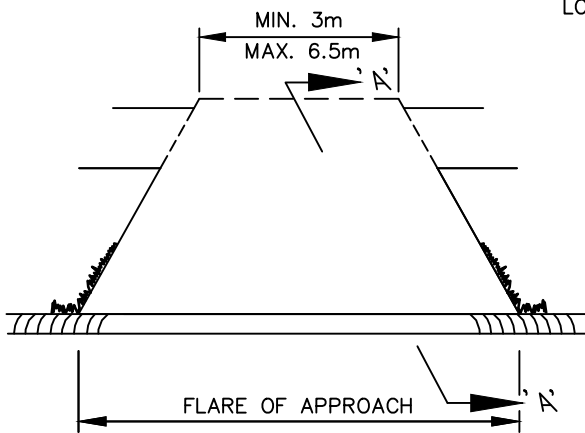
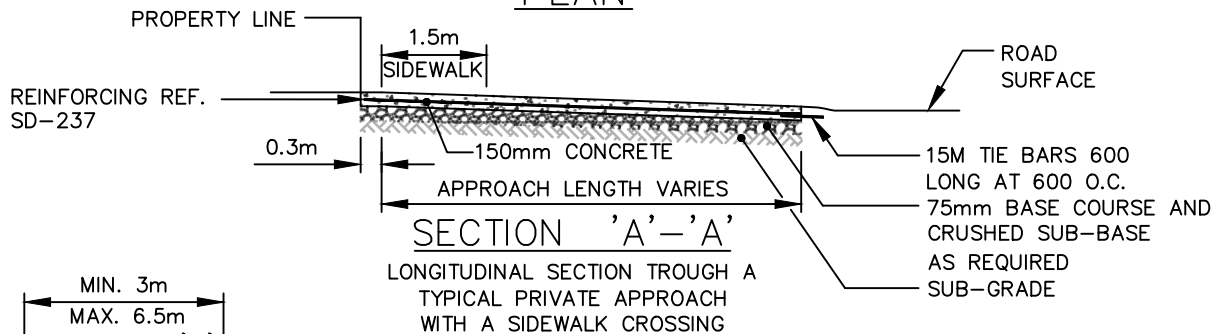
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-235



### PLAN



FRONTAL PERSPECTIVE OF FINISHED PRIVATE APPROACH

### NOTES:

1. APPLICABLE FOR EXISTING LIP CURBS <80mm. IF EXISTING CURB >80mm REF SD-202B.
2. M.H. ISOLATIONS TO BE APPROVED BY CONTRACT ADMINISTRATOR.
3. CONTRACTION JOINTS AS REQUIRED TO MATCH STREET.



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310, CW 3240

RESIDENTIAL APPROACH-CONCRETE  
(WITH EXISTING LIP CURB)

### Revisions

No.	Date	Description	By
1.	DEC 25	CHANGED FLARE TO A RANGE	A.G.

Designed By:  
D.P.

Drawn By:  
T.K.

Scale :

N.T.S.

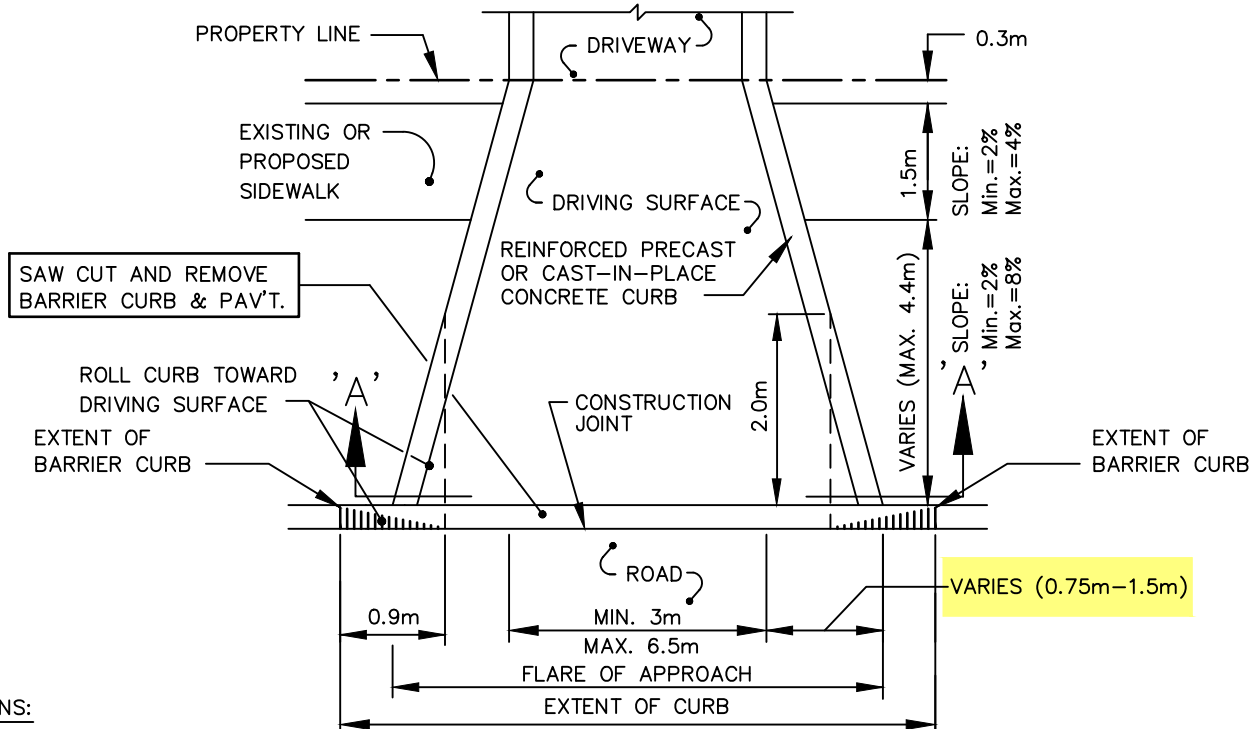
Checked By:  
B.P.

Date:  
2025-12-15

Drawing No.

Approved:  
SURFACE WORKS COMMITTEE

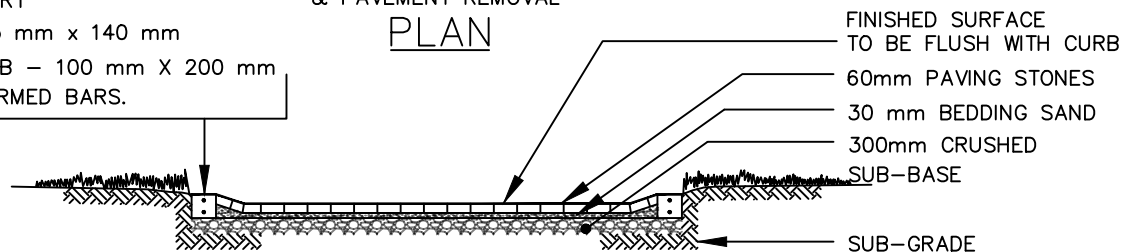
SD-236



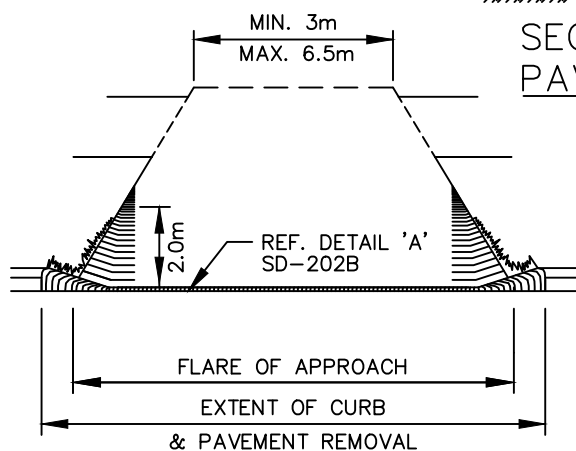
#### OPTIONS:

1. PLASTIC EDGE SUPPORT
2. PRECAST CURB – 65 mm x 140 mm
3. CAST-IN-PLACE CURB – 100 mm X 200 mm WITH TWO 15M DEFORMED BARS.

#### PLAN



#### SECTION 'A'-'A' FOR PAVING STONE APPROACH



#### FRONTAL PERSPECTIVE OF FINISHED PRIVATE APPROACH

#### NOTES:

1. M.H. ISOLATIONS TO BE APPROVED BY CONTRACT ADMINISTRATOR.



## THE CITY OF WINNIPEG

### PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3240, CW 3310, CW 3330

## RESIDENTIAL APPROACH-PAVING STONE

(WITH EXISTING BARRIER CURB)

#### Revisions

No.	Date	Description	By
1.	DEC 25	CHANGED FLARE TO A RANGE	A.G.

Designed By:  
A.P.

Drawn By:  
T.K.

Scale :  
N.T.S.

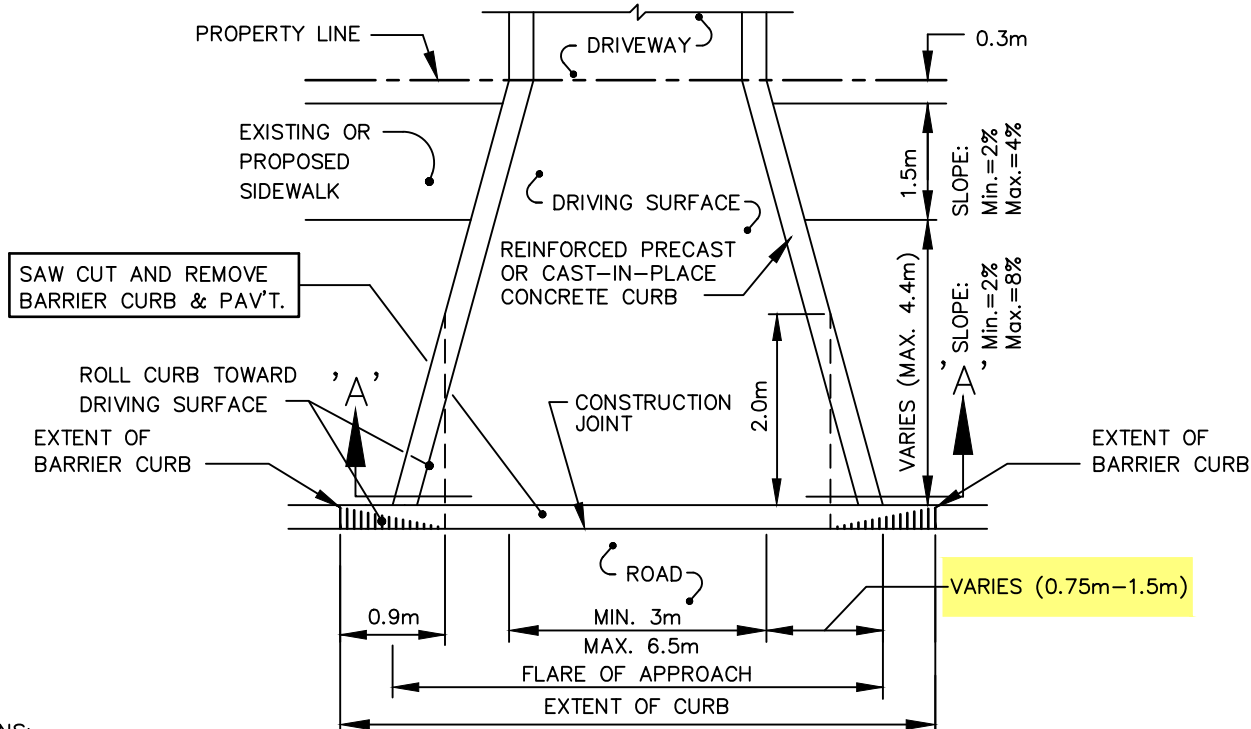
Checked By:  
D.R.K.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

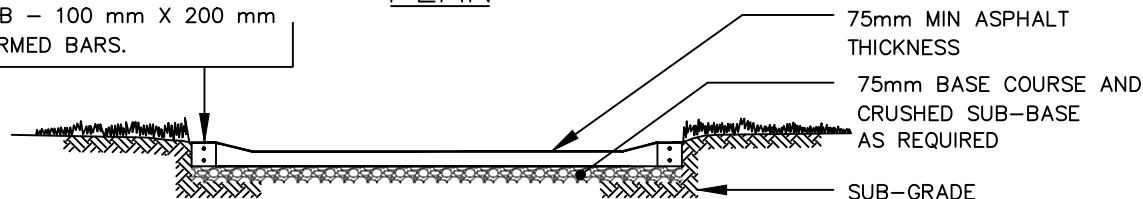
SD-237A



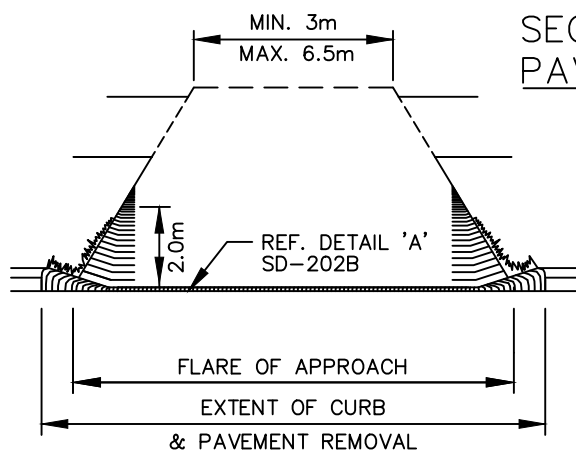
#### OPTIONS:

1. PRECAST CURB - 65 mm x 140 mm
2. CAST-IN-PLACE CURB - 100 mm X 200 mm WITH TWO 15M DEFORMED BARS.

#### & PAVEMENT REMOVAL PLAN



#### SECTION 'A'-'A' FOR PAVING STONE APPROACH



#### FRONTAL PERSPECTIVE OF FINISHED PRIVATE APPROACH

#### NOTES:

1. M.H. ISOLATIONS TO BE APPROVED BY CONTRACT ADMINISTRATOR.



### THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT

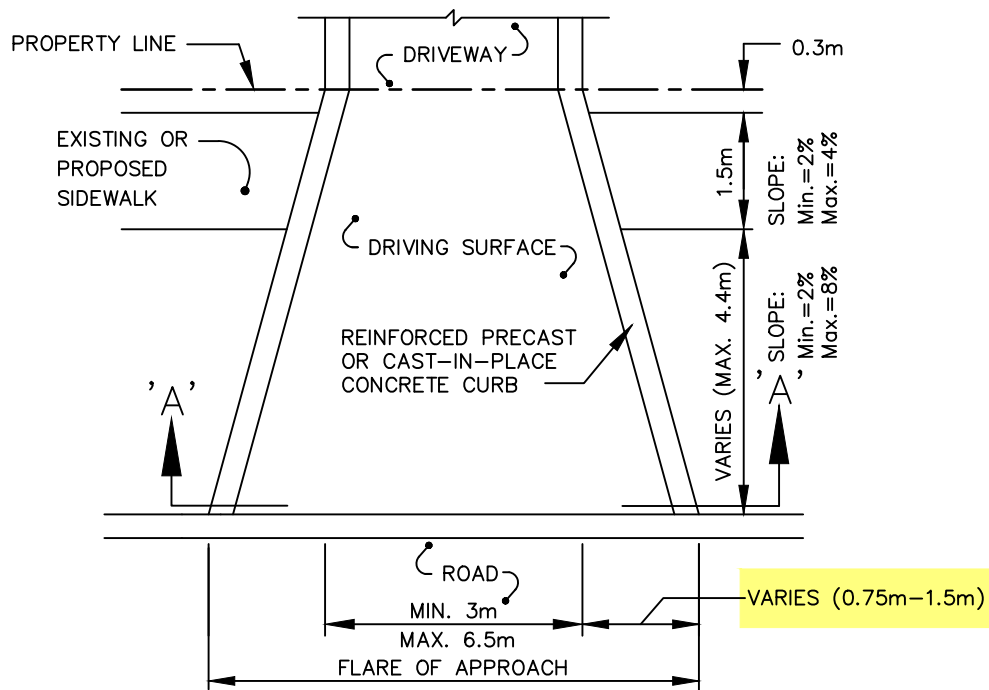
Reference Spec. No.  
CW 3230, CW 3240, CW 3310, CW 3330, CW 3410

#### Revisions

No.	Date	Description	By
1.	DEC 25	CHANGED FLARE TO A RANGE	A.G.

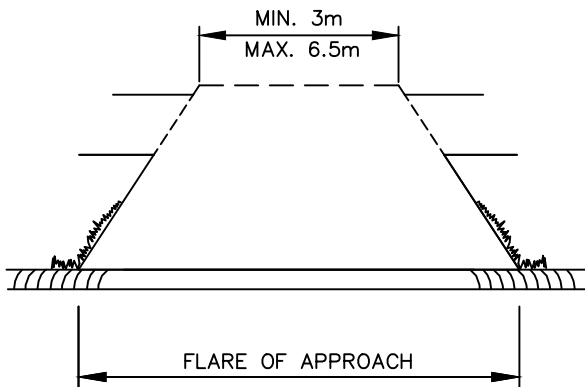
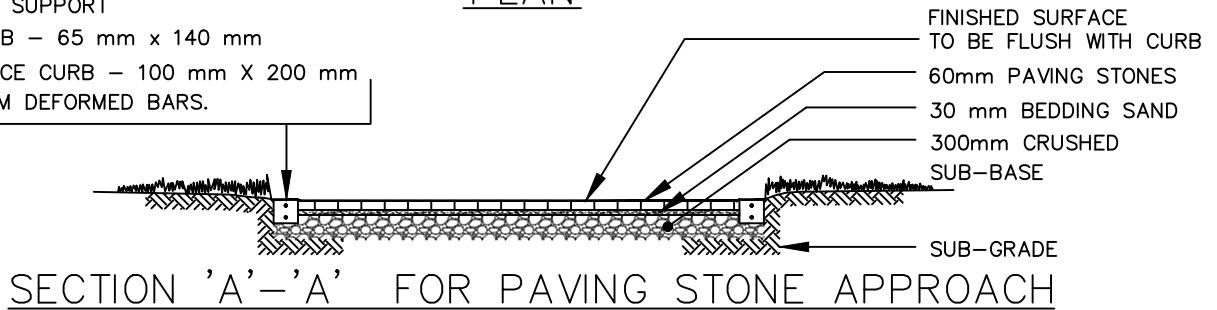
### RESIDENTIAL APPROACH-ASPHALT (WITH EXISTING BARRIER CURB)

Designed By: A.P.	Drawn By: T.K.	Scale : N.T.S.
Checked By: D.R.K.	Date: 2025-12-15	Drawing No.
Approved: PAVEMENT MANAGEMENT BRANCH		SD-237B



**OPTIONS:**

1. PLASTIC EDGE SUPPORT
2. PRECAST CURB – 65 mm x 140 mm
3. CAST-IN-PLACE CURB – 100 mm X 200 mm WITH TWO 15M DEFORMED BARS.



**NOTES:**

1. APPLICABLE FOR EXISTING LIP CURBS <80mm. IF EXISTING CURB >80mm REF SD-202B.
2. M.H. ISOLATIONS TO BE APPROVED BY CONTRACT ADMINISTRATOR.



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310, CW 3330, CW 3410

**RESIDENTIAL APPROACH-PAVING STONE**  
(WITH EXISTING LIP CURB)

**Revisions**

No.	Date	Description	By
1.	DEC 25	CHANGED FLARE TO A RANGE	A.G.

Designed By:  
L.S.W.L.

Drawn By:  
T.K.

Scale :  
N.T.S.

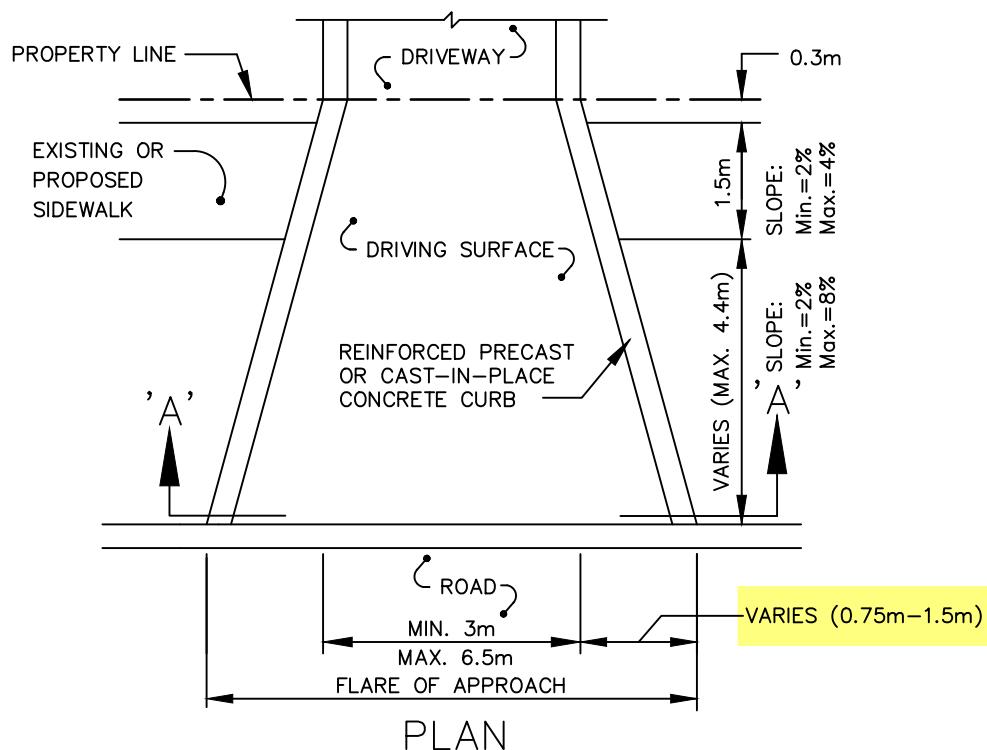
Checked By:  
D.R.K.

Date:  
2025-12-15

Drawing No.

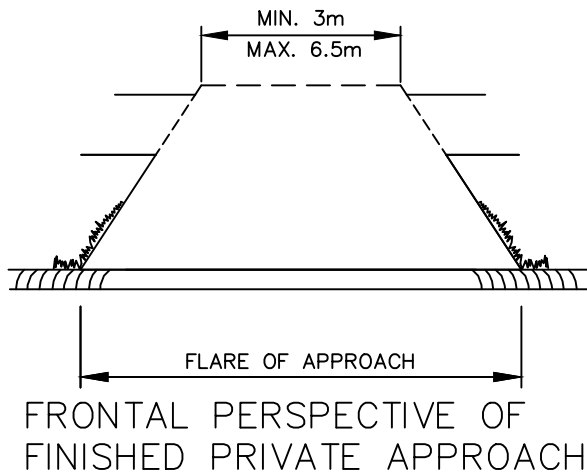
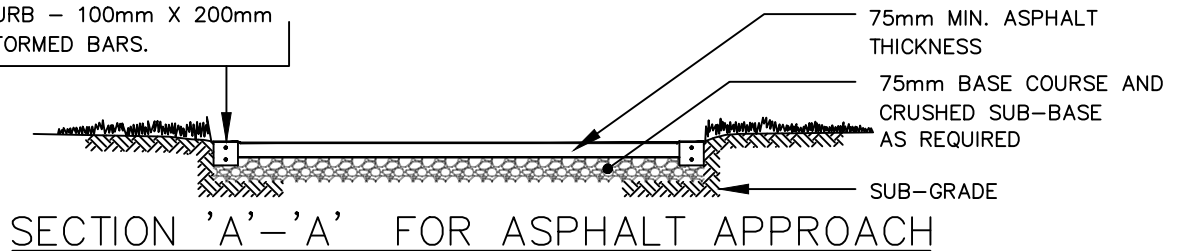
Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-238A



**OPTIONS:**

1. PRECAST CURB - 65mm x 140mm
2. CAST-IN-PLACE CURB - 100mm X 200mm WITH TWO 15M DEFORMED BARS.



**NOTES:**

1. APPLICABLE FOR EXISTING LIP CURBS <80mm. IF EXISTING CURB >80mm REF SD-202B.
2. M.H. ISOLATIONS TO BE APPROVED BY CONTRACT ADMINISTRATOR.



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310, CW 3330, CW 3410

**Revisions**

1.	DEC 25	CHANGED FLARE TO A RANGE	A.G.
No.	Date	Description	By

**RESIDENTIAL APPROACH-ASPHALT**  
(WITH EXISTING LIP CURB)

Designed By:  
L.S.W.L.

Drawn By:  
T.K.

Scale :  
N.T.S.

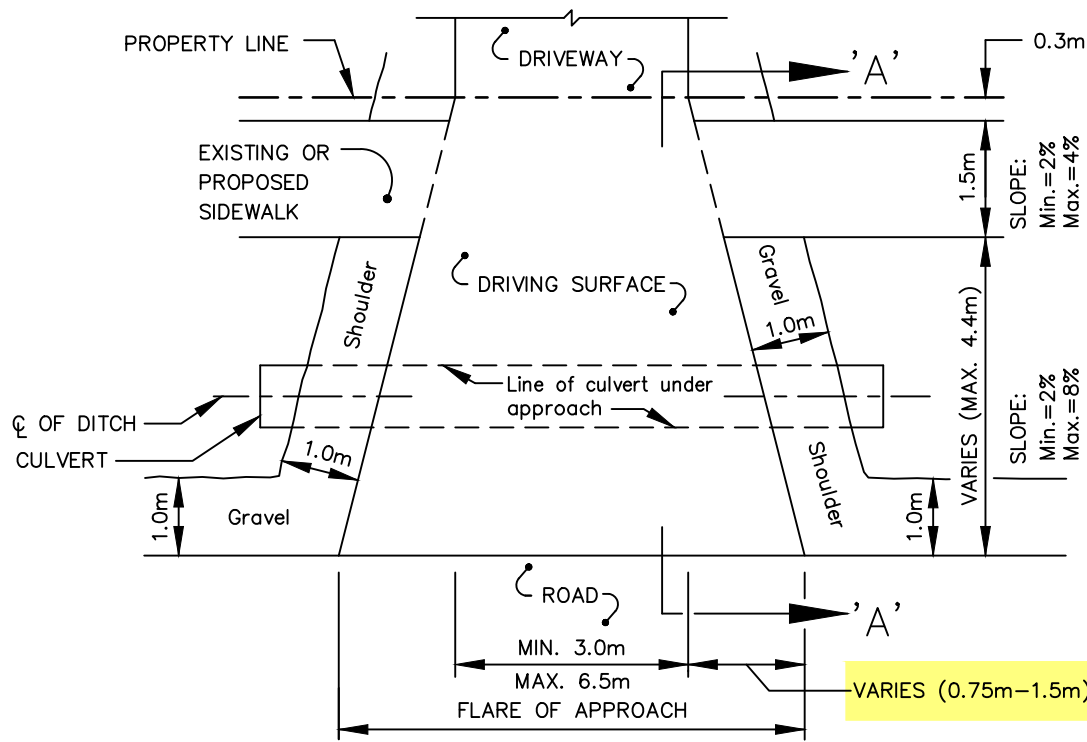
Checked By:  
D.R.K.

Date:  
2025-12-15

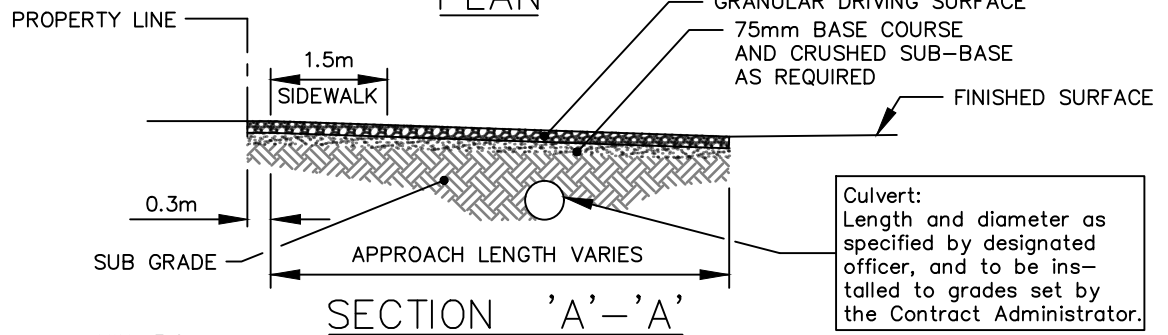
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

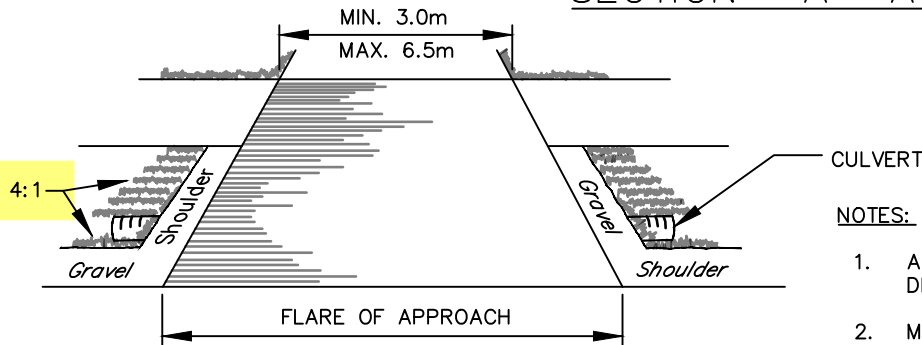
SD-238B



### PLAN



### SECTION 'A'-'A'



### FRONTAL PERSPECTIVE OF FINISHED PRIVATE APPROACH

#### NOTES:

1. APPLICABLE FOR EXISTING GRAVEL STREETS WITH DITCHES.
2. M.H. ISOLATIONS TO BE APPROVED BY CONTRACT ADMINISTRATOR.
3. SEE SD-234 FOR DETAILS OF THE APPLICABLE DRIVING SURFACE



## THE CITY OF WINNIPEG

PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310, CW 3410, CW 3610

## RESIDENTIAL APPROACH – WITH DITCH DRAINAGE

#### Revisions

1.	DEC 25	CHANGED FLARE TO A RANGE	A.G.
No.	Date	Description	By

Designed By:  
B.P.

Drawn By:  
T.K.

Scale :  
N.T.S.

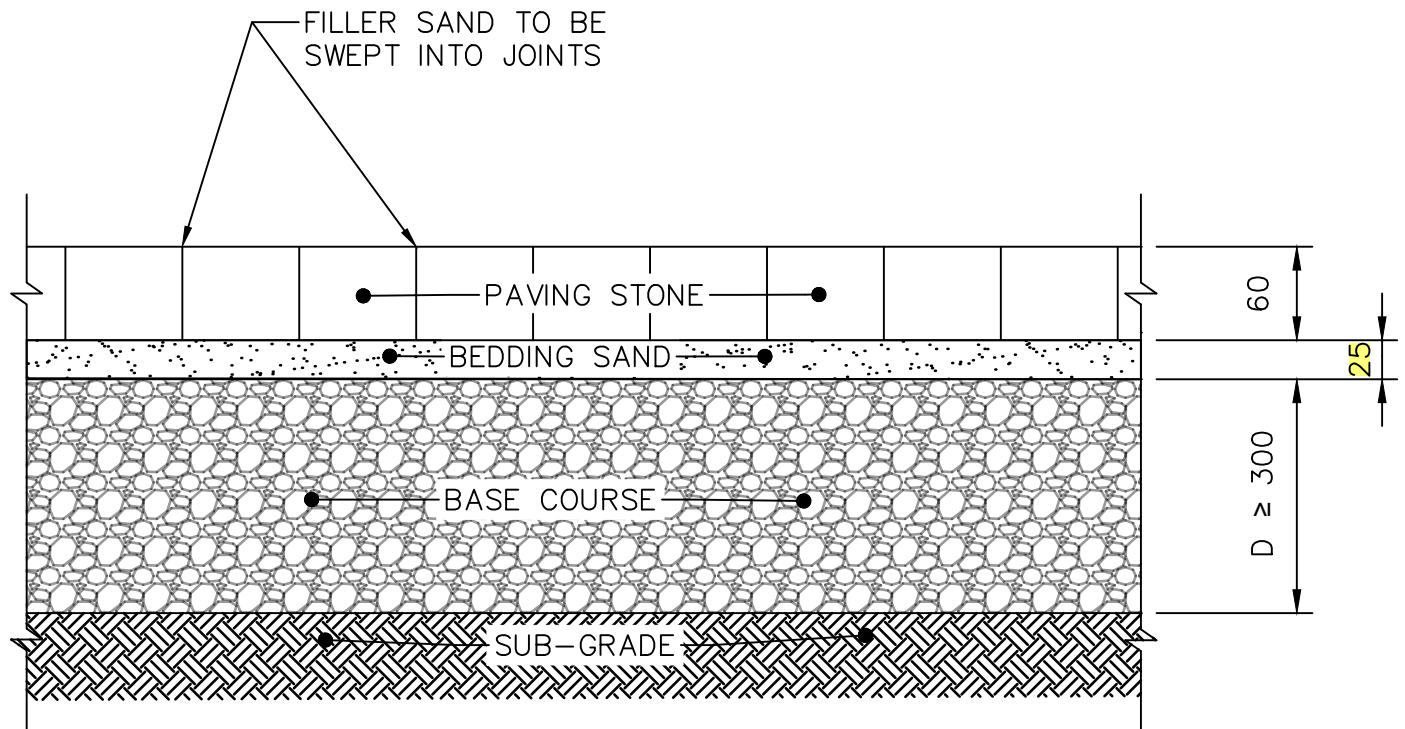
Checked By:  
B.P.

Date:  
2025-05-12

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-239



DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3110, CW 3330

INTERLOCKING PAVING STONE DETAIL  
FOR RESIDENTIAL APPROACHES

Revisions

1.	DEC 25	GENERAL REVISION	R.B.
No.	Date	Description	By

Designed By:  
A.G.

Drawn By:  
R.B.

Scale :  
N.T.S.

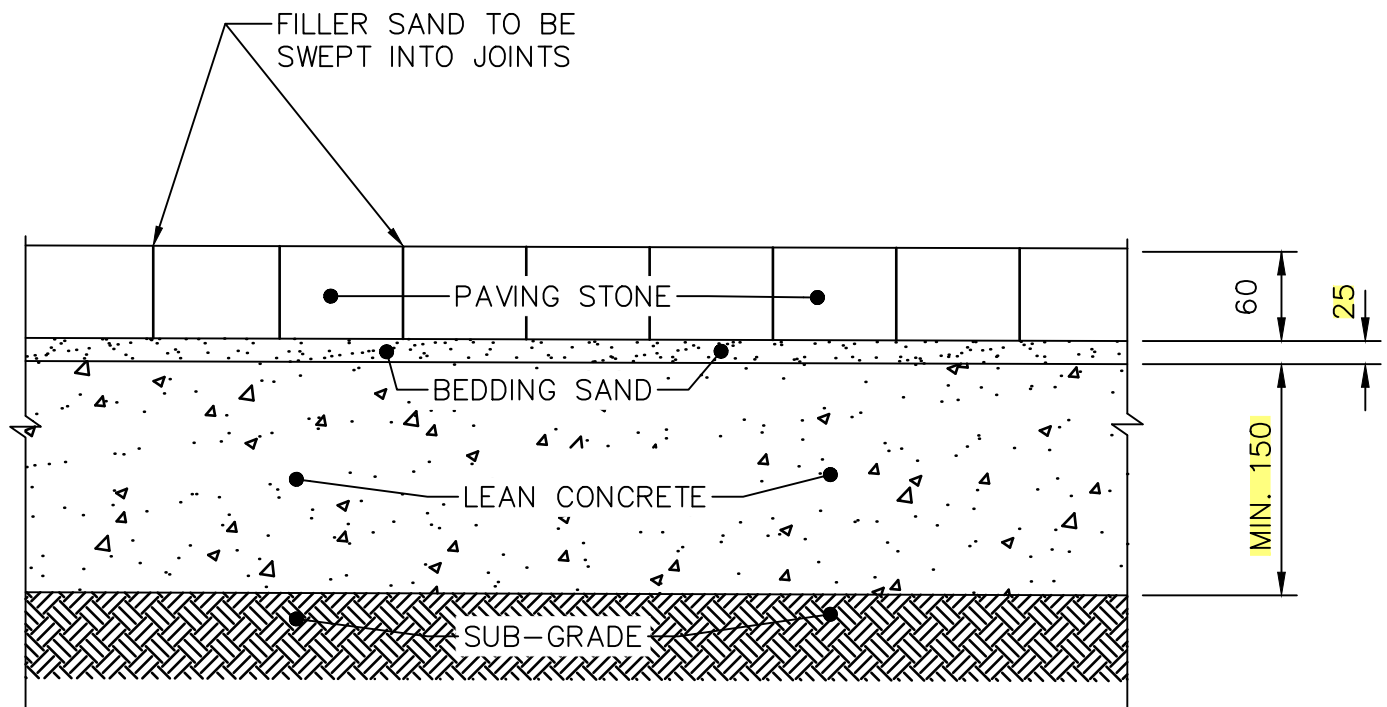
Checked By:  
B.K.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-240A



DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3110, CW 3335

Revisions

No.	Date	Description	By
1.	DEC 25	GENERAL REVISION	A.G.

INTERLOCKING PAVING STONES  
ON LEAN CONCRETE BASE  
(NON DRIVING SURFACE)

Designed By:  
Z.V.K.

Drawn By:  
R.B.

Scale :  
N.T.S.

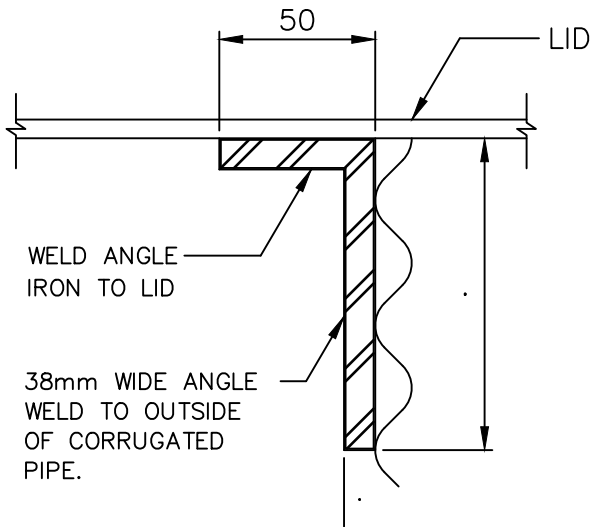
Checked By:  
L.S.W.L.

Date:  
2025-12-15

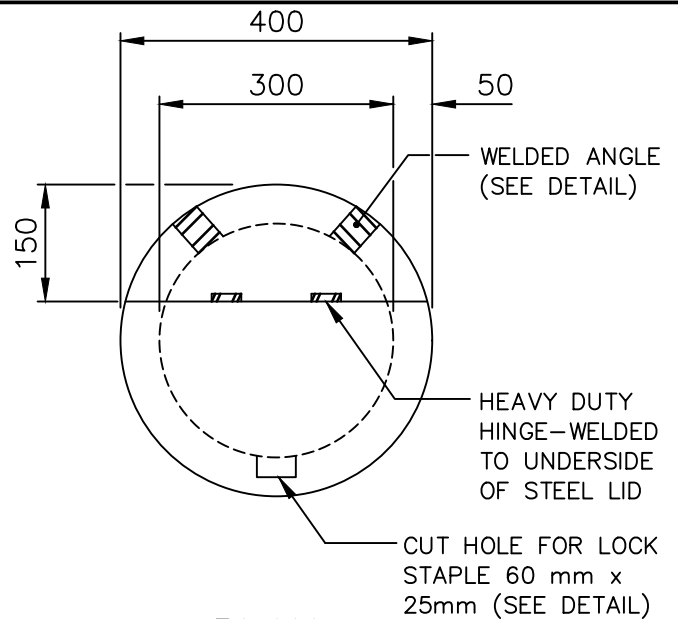
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

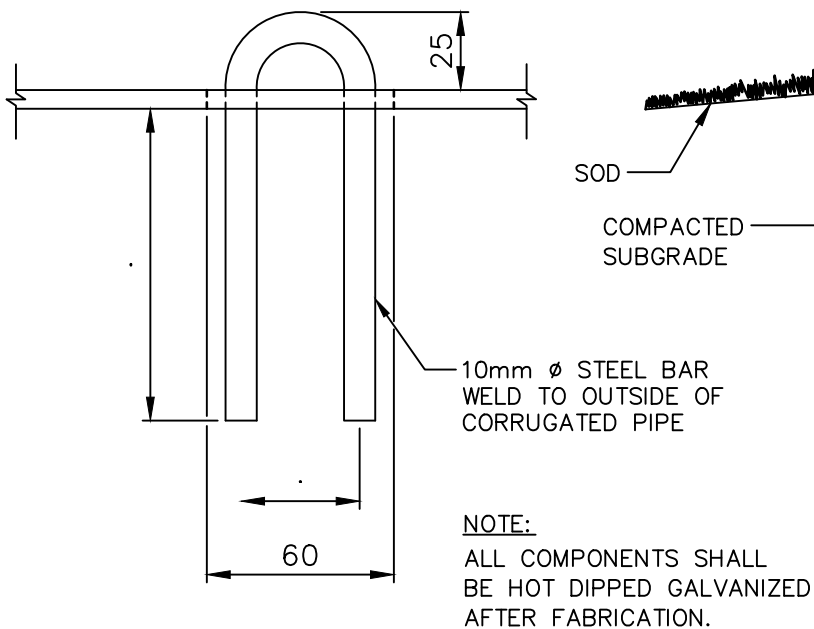
SD-240B



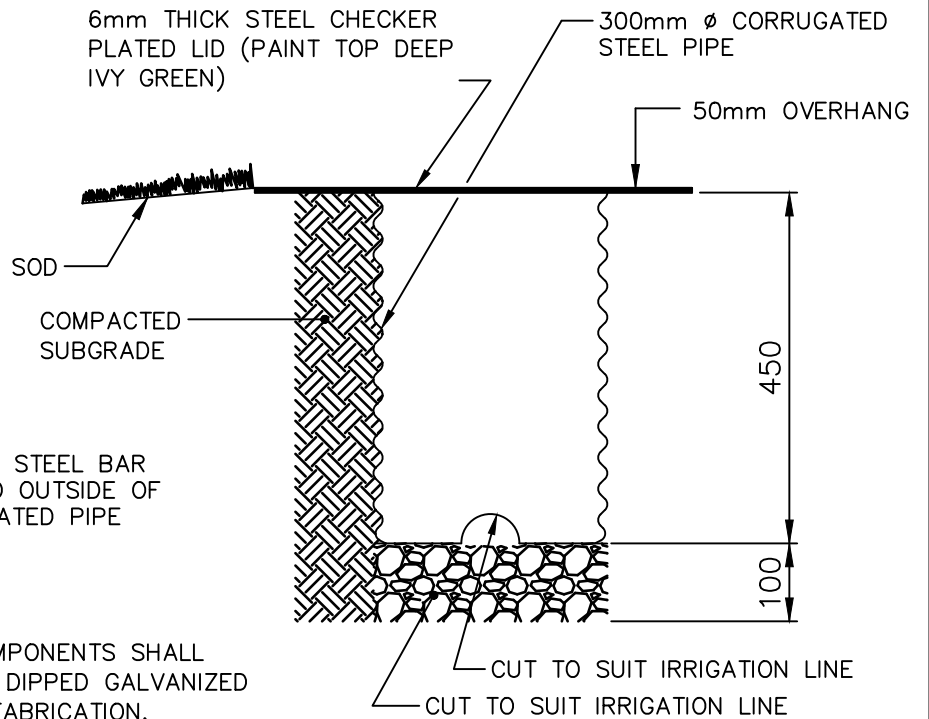
ANGLE DETAIL



PLAN



LOCK STAPLE DETAIL



SECTION

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3530

C.S.P. ENCLOSURE FOR GATE VALVE

Revisions

No.	Date	Description	By
1.	DEC 25	GENERAL REVISION	R.B.

Designed By:  
R.G.Z.

Drawn By:  
G.R.

Scale :  
N.T.S.

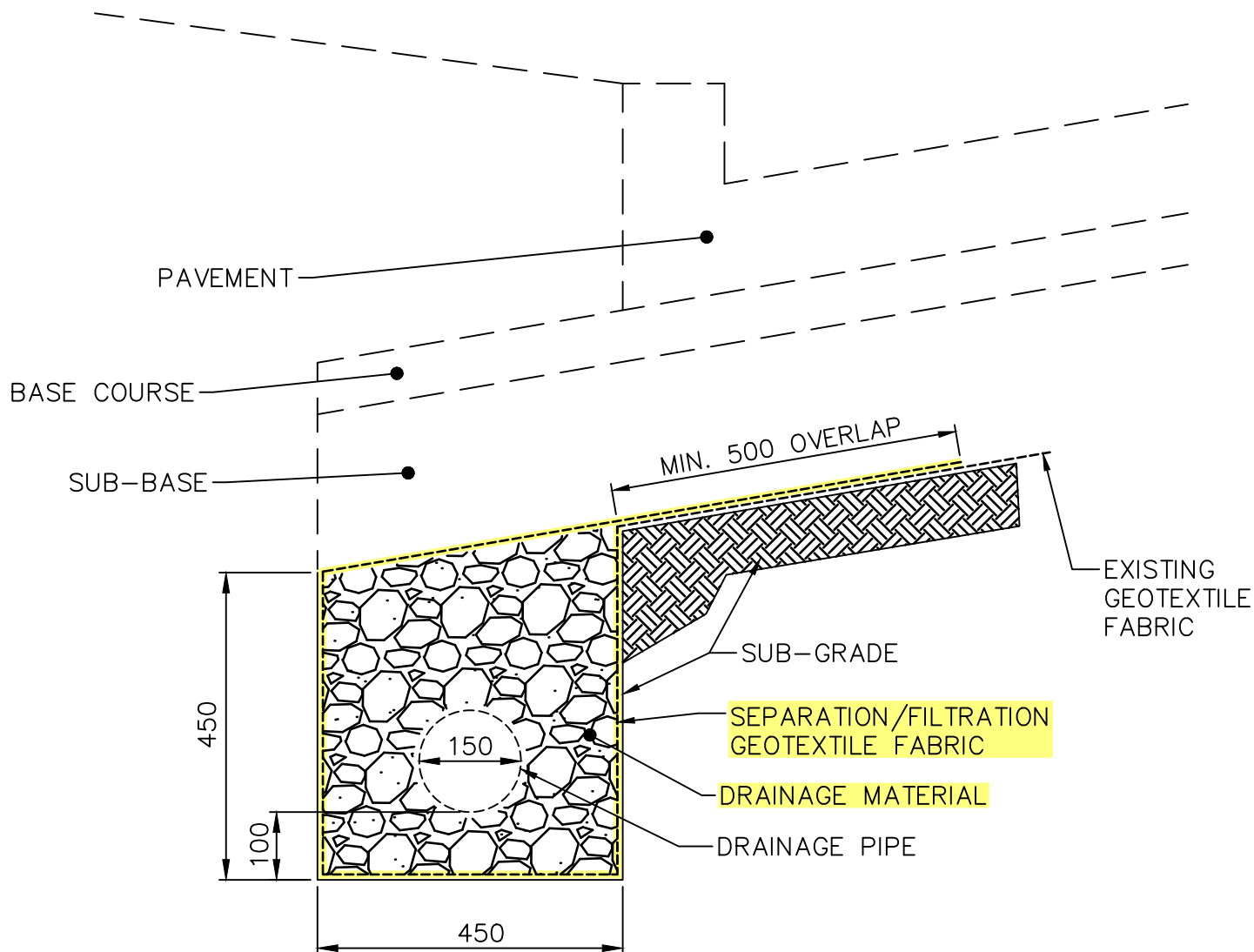
Checked By:  
J.P.T.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-242



DIMENSIONS IN MILLIMETERS



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

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

**SUBDRAIN INSTALLATION  
DETAIL**

Revisions

No.	Date	Description	By
1.	DEC 25	GENERAL REVISION	A.G.

Designed By:  
B.P.

Drawn By:  
R.B.

Scale :  
N.T.S.

Checked By:  
A.G.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-245

A diagram of a rectangular structure, possibly a container or a frame, with vertical and horizontal lines. The structure is divided into three horizontal sections by two horizontal lines. The top and bottom sections have a trapezoidal shape, while the middle section is a simple rectangle. The structure is bounded by two vertical lines on the left and right. Labels 'B' with upward arrows are placed on the left and right vertical lines. Labels 'D' with leftward arrows are placed at the top and bottom center, pointing towards a vertical dashed line that runs through the middle of the structure.

Technical drawing of a mechanical part with the following dimensions and tolerances:

- Overall width: 0.5 MAX
- Central width: 0.080 ( $\pm 0.010$ )
- Distance from central width to the start of the taper: 0.5
- Taper angle: 0.2 TAPER
- Distance from the end of the taper to the right edge: 0.5 TAPER



SI-17