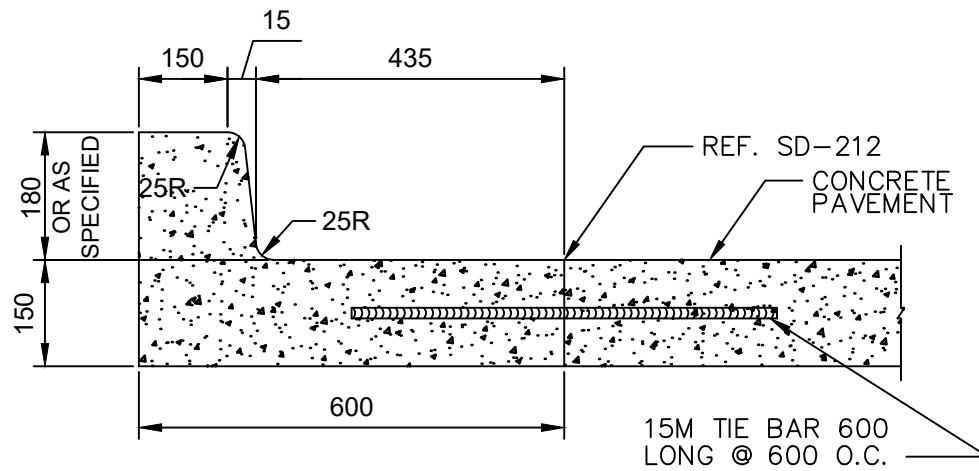
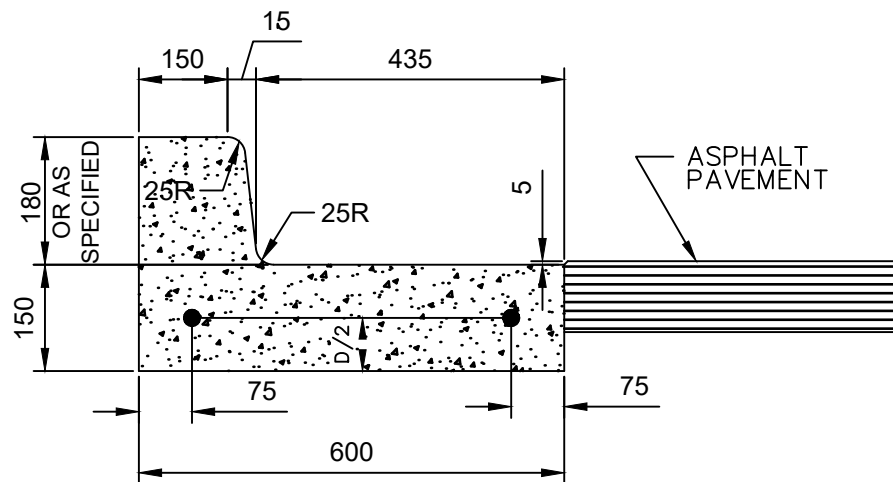


APPENDIX 'B'

APPLICABLE STANDARD DETAILS



CURB AND GUTTER
FOR CONCRETE PAVEMENTS



CURB AND GUTTER
FOR ASPHALT PAVEMENTS

- NOTE: 1. REDUCE CURB HEIGHT TO 40.
APPLICABLE FOR PRIVATE
APPROACHES ON LOCAL RESIDENTIAL
STREETS. REF SD-202B
2. TRANSVERSE SAW CUT EVERY 3000
OR AT PAVEMENT JOINTS.

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

DIMENSIONS IN MILLIMETRES

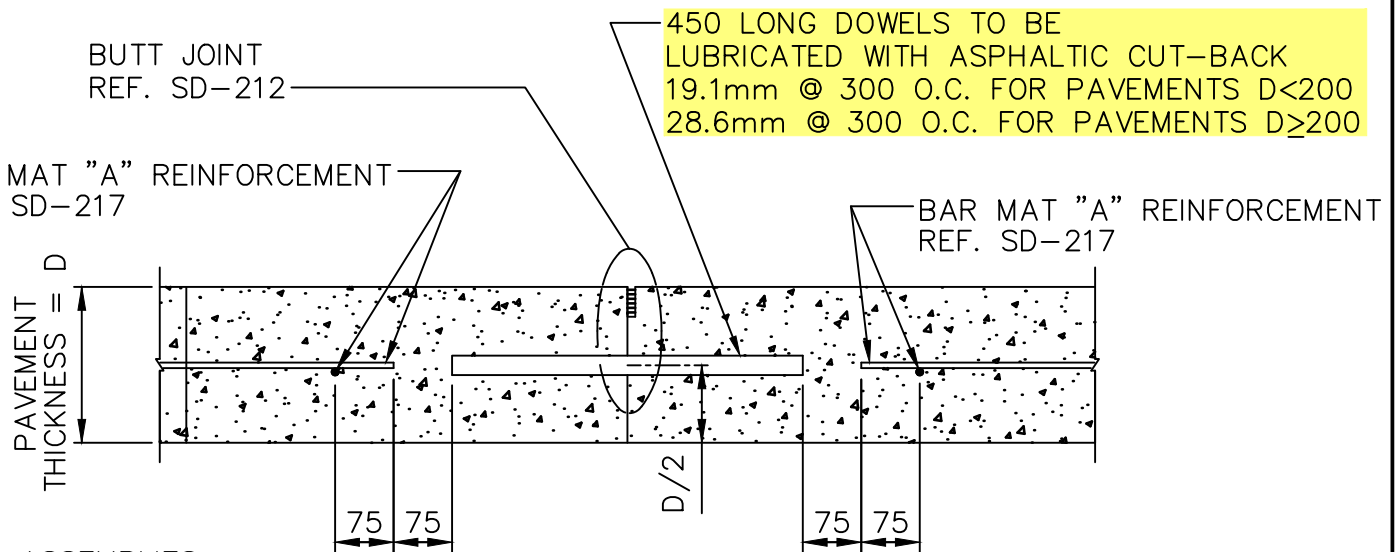


THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

Reference Spec. No.
CW 3325

CURB AND GUTTER

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



NOTE:
DOWEL ASSEMBLIES
NOT SHOWN

CONSTRUCTION JOINT MAT "A"

DIMENSIONS IN MILLIMETRES



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

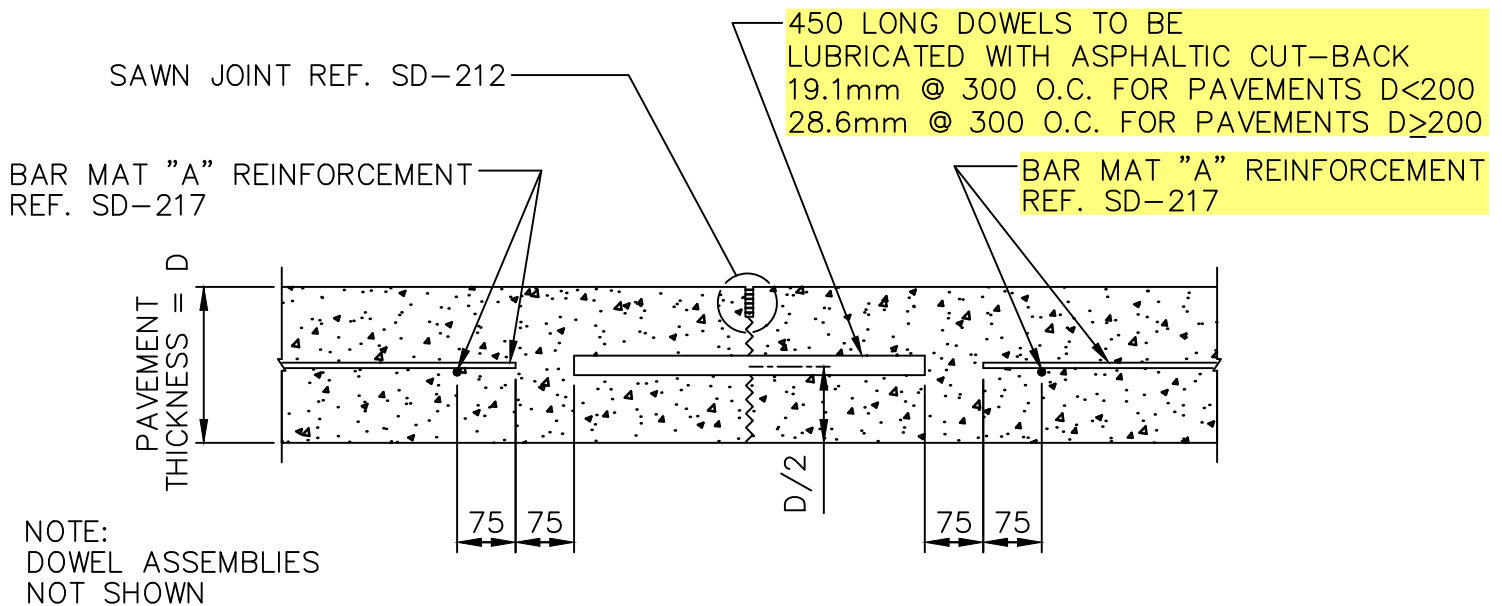
Reference Spec. No.
CW 3230, CW 3310

Revisions

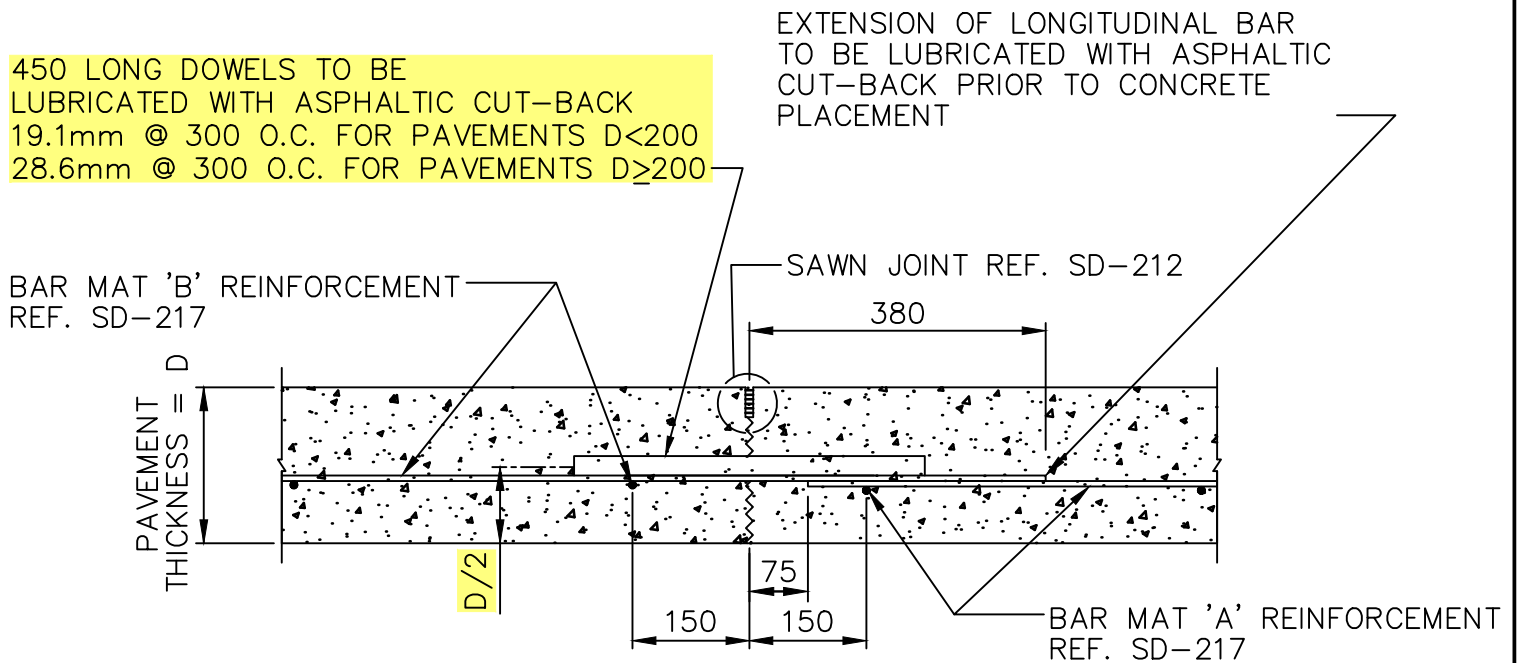
No.	Date	Description	By
1.	OCT 24	GENERAL REVISION	R.B.

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.

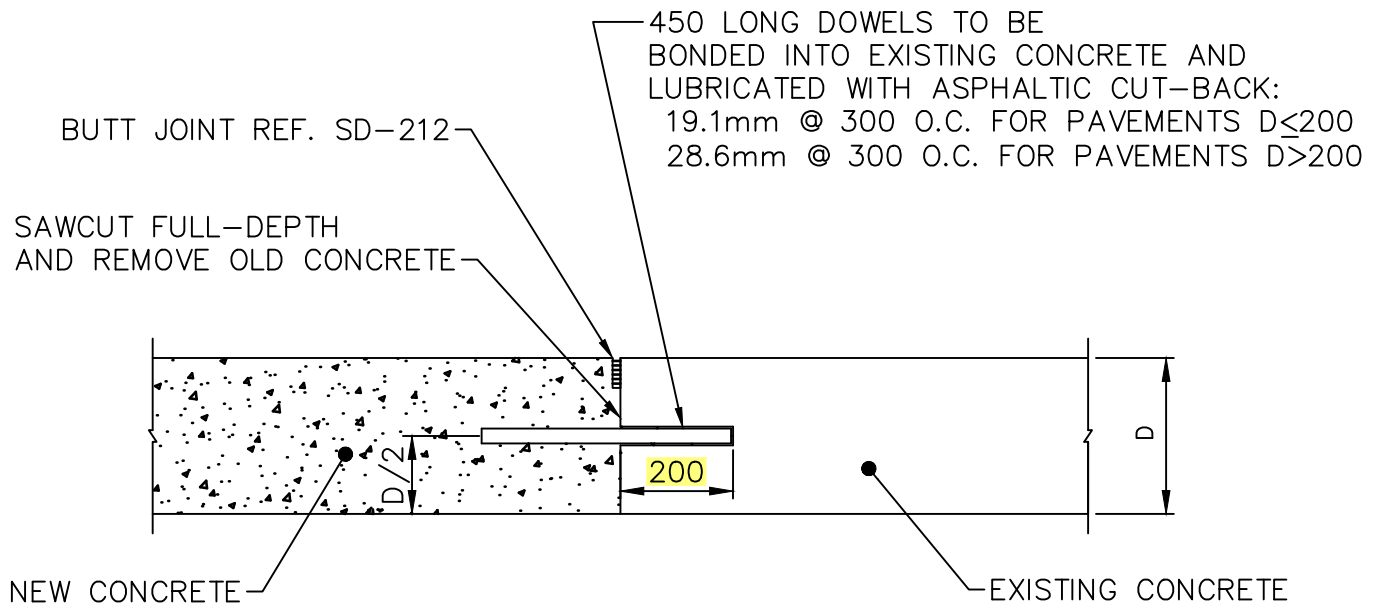
Checked By:
B.K.

Date:
2025-12-15

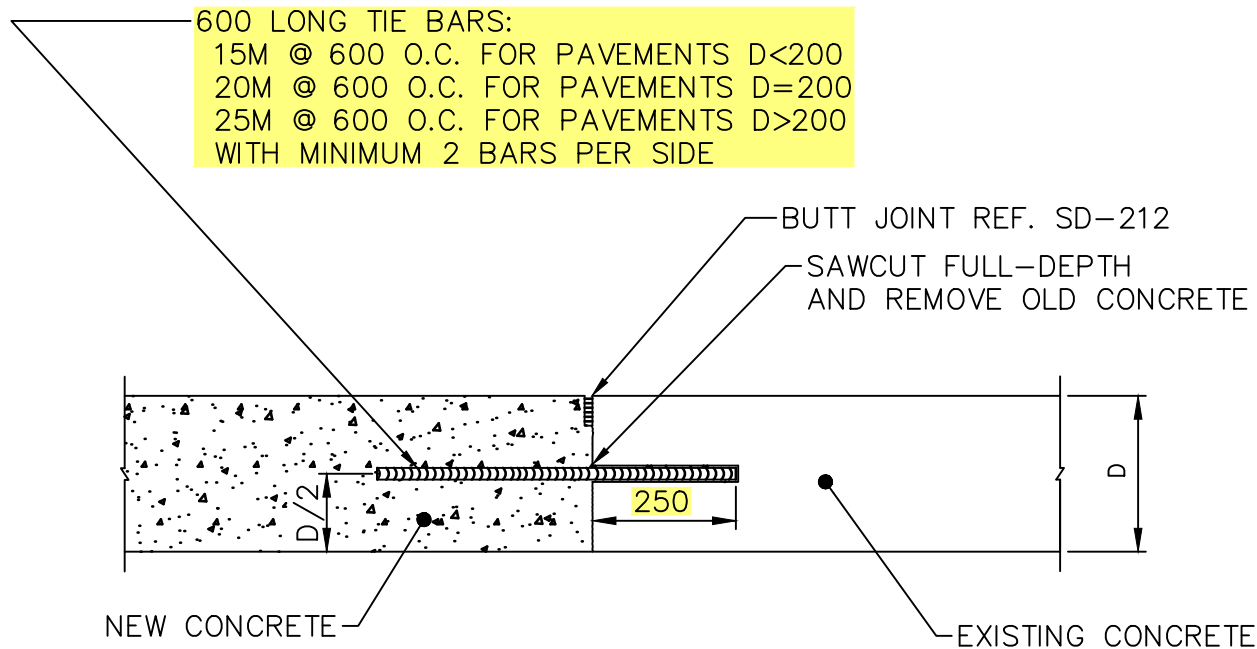
Drawing No.

Approved:
PAVEMENT MANAGEMENT BRANCH

SD-211B



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.

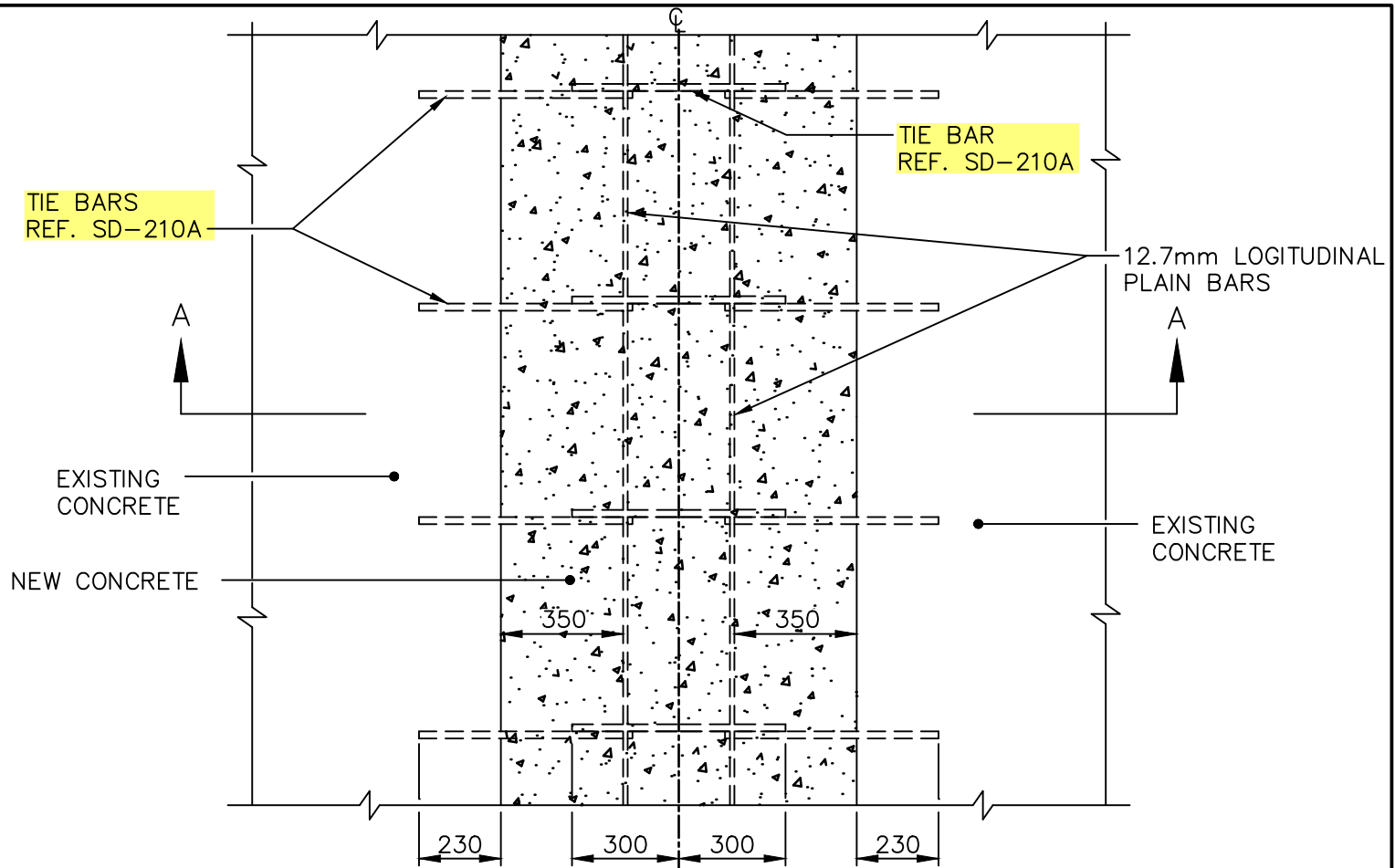
Checked By:
D.R.K.

Date:
2025-12-15

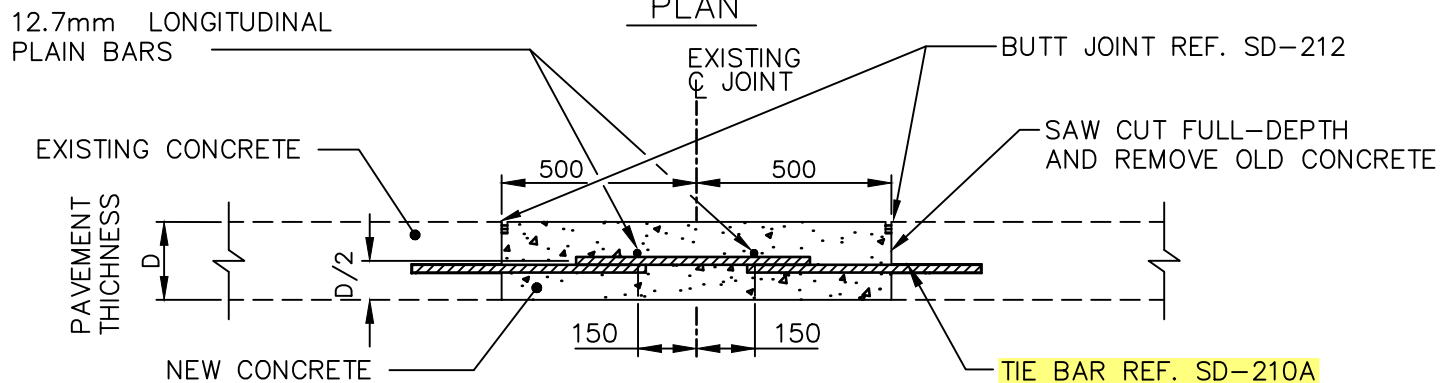
Drawing No.

Approved:
PAVEMENT MANAGEMENT BRANCH

SD-213B



PLAN



SECTION A-A

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.

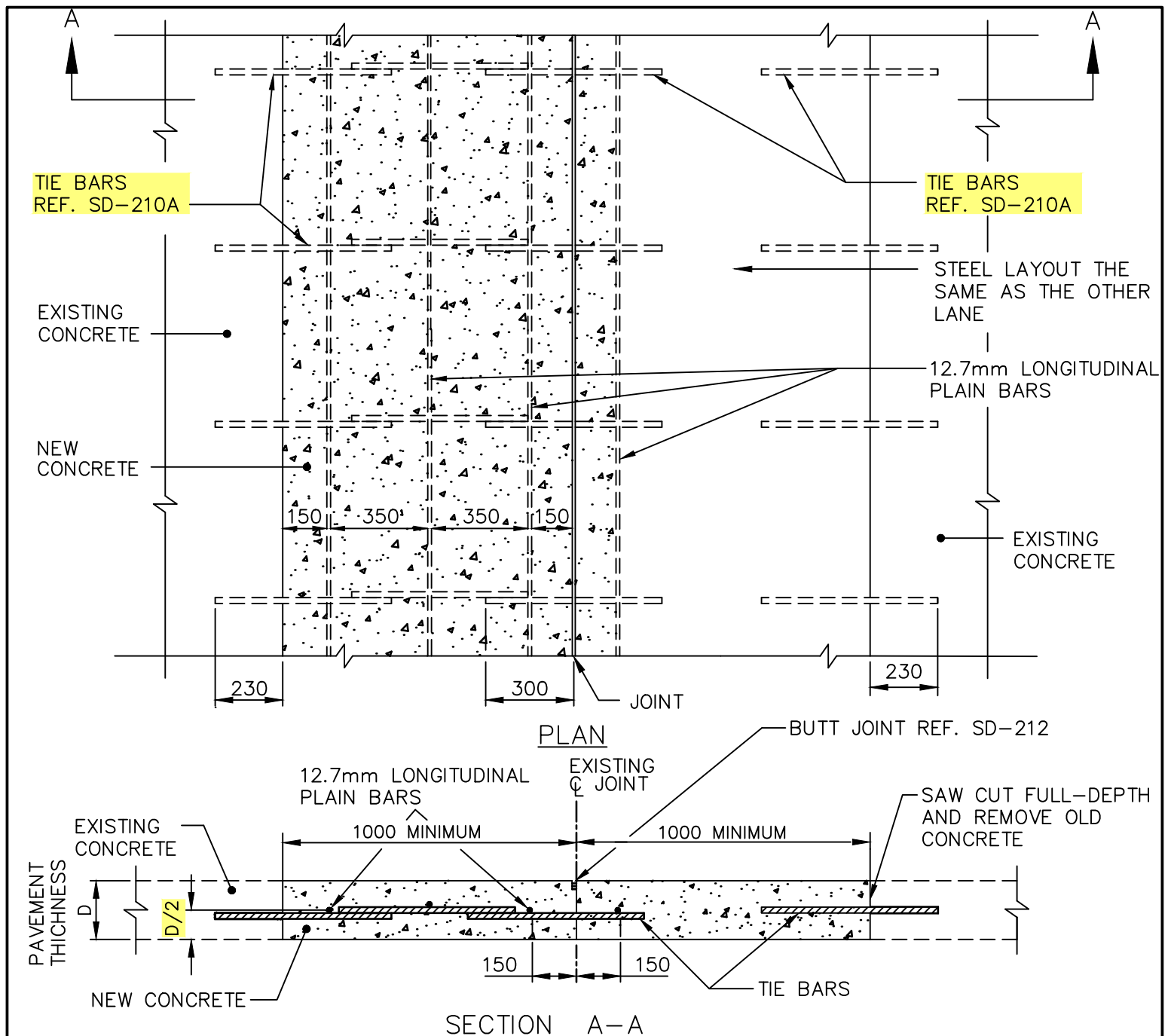
Checked By:
B.P.

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

A
↑

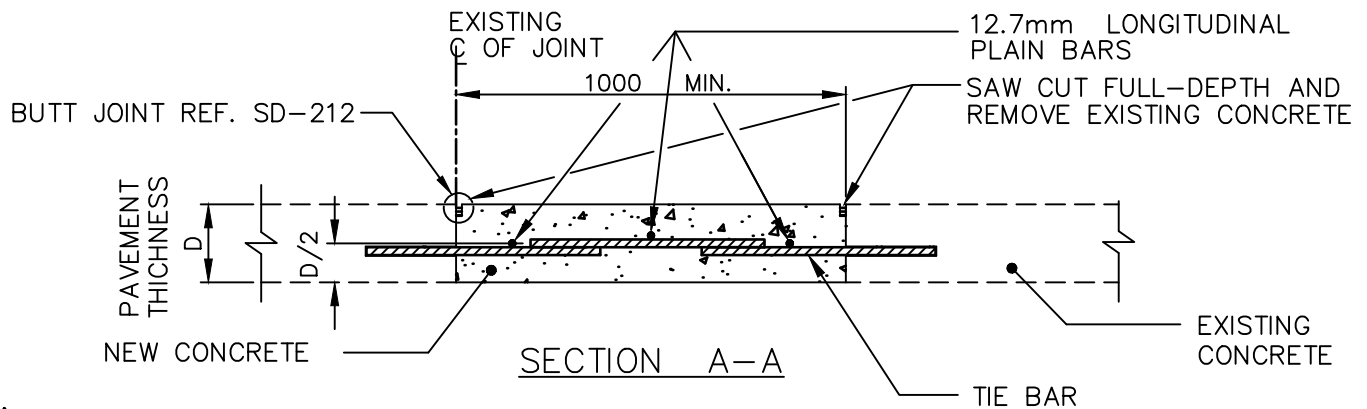
A
↑

150 350 350 150

230

230

PLAN



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.

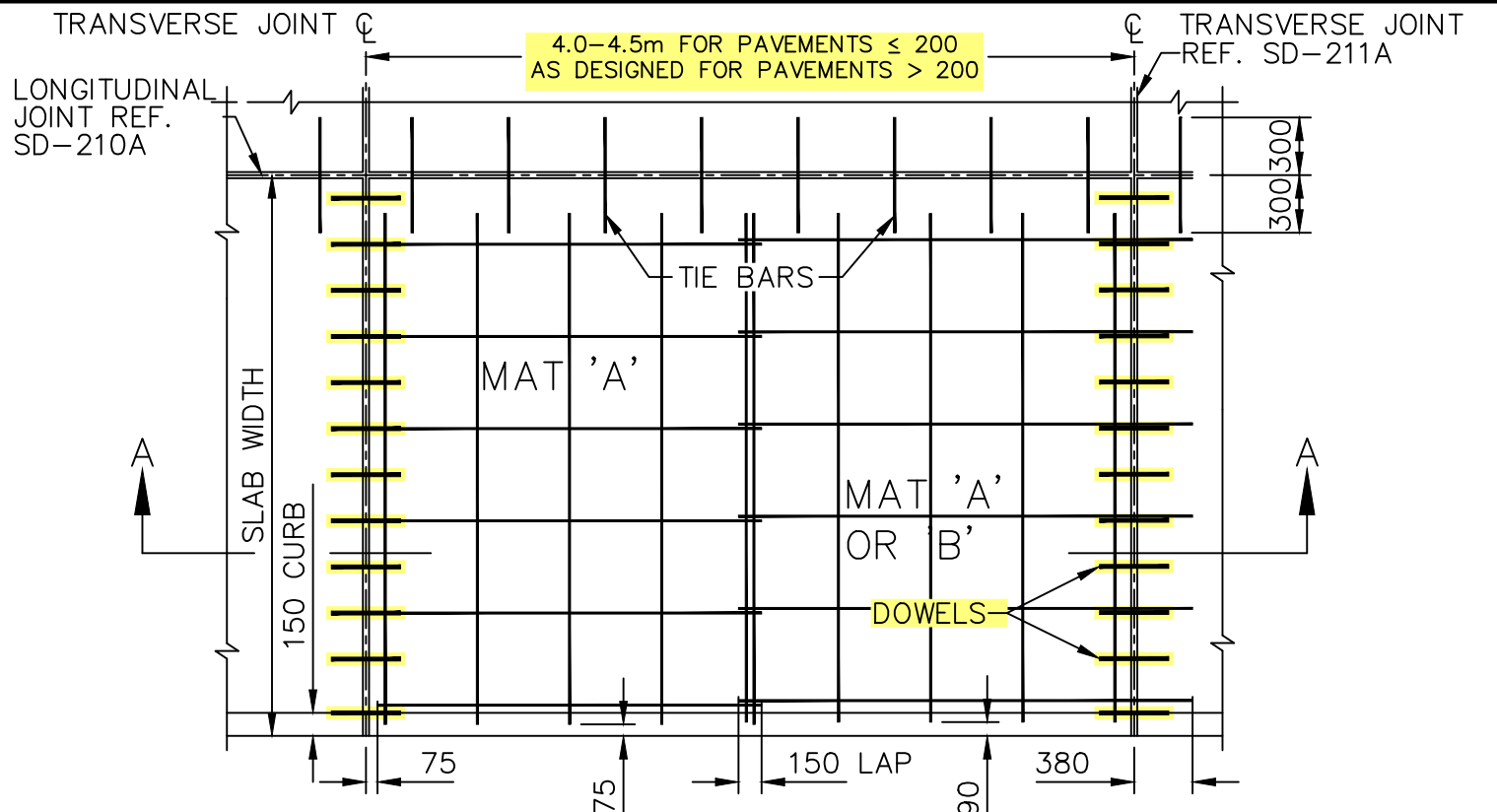
Checked By:
B.P.

Date:
2025-12-15

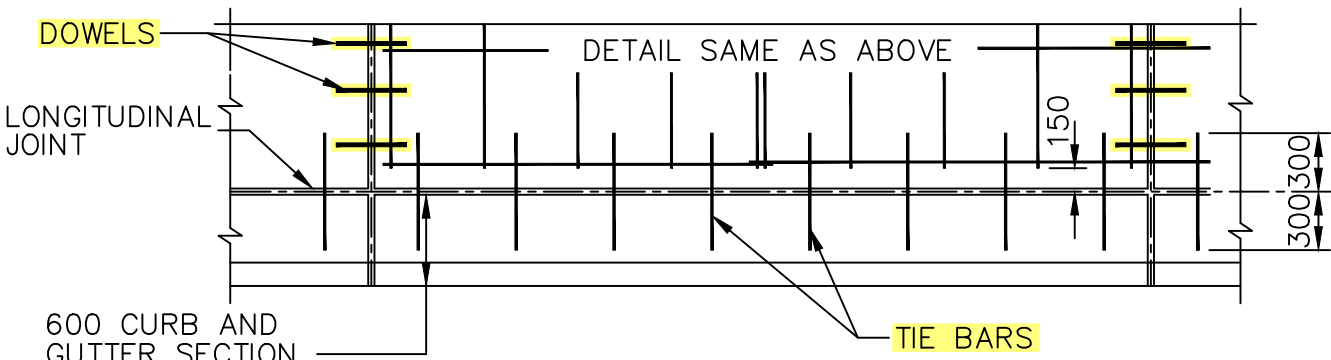
Drawing No.

Approved:
PAVEMENT MANAGEMENT BRANCH

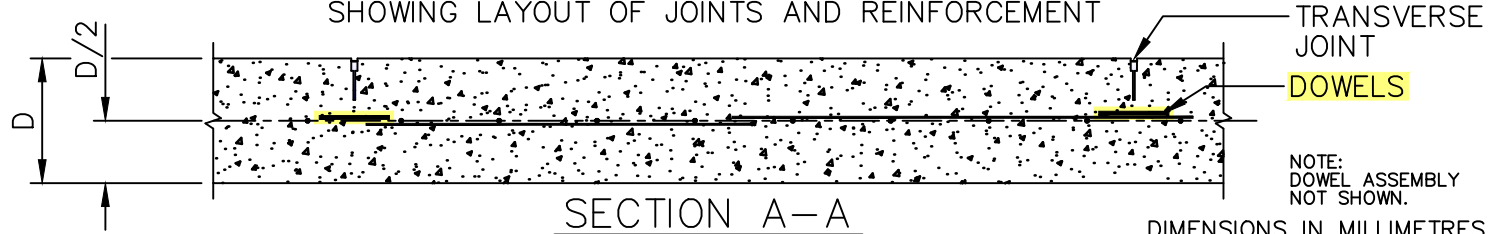
SD-214C



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



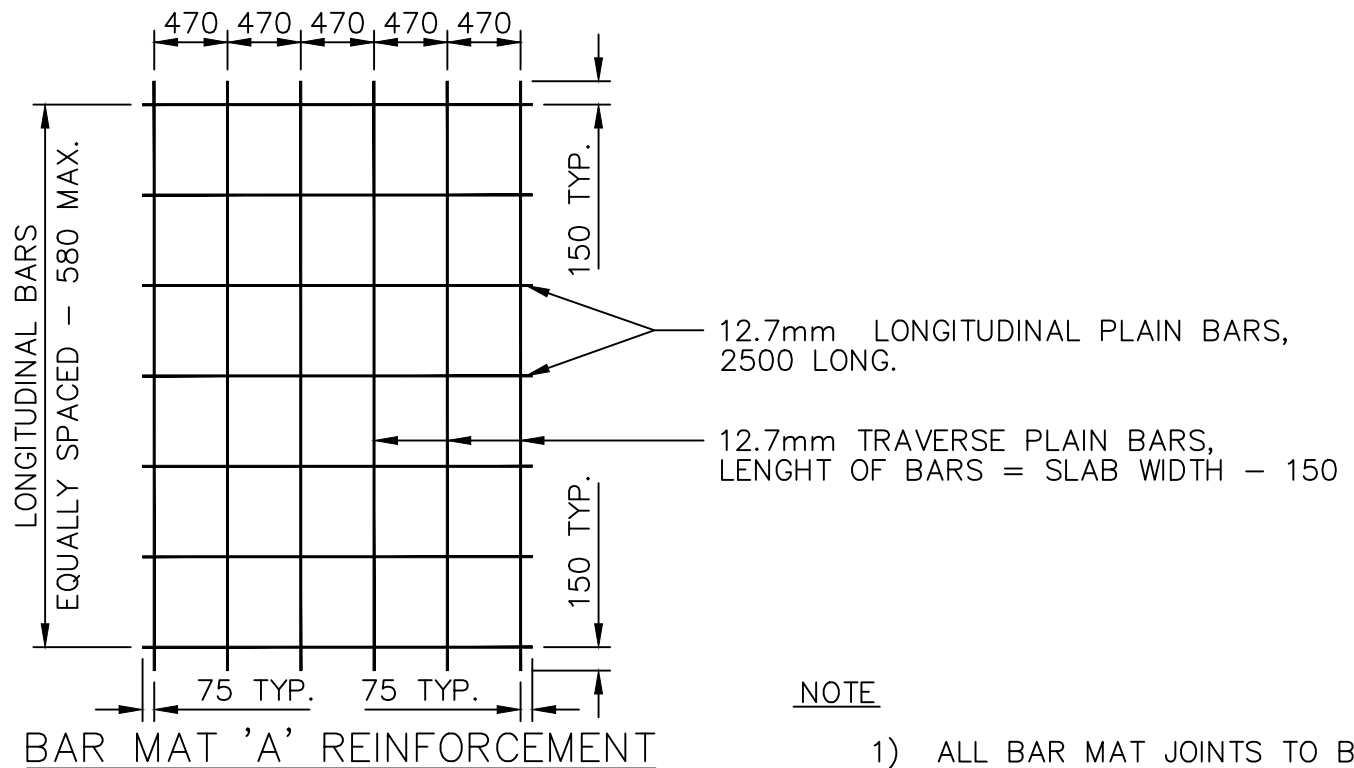
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

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

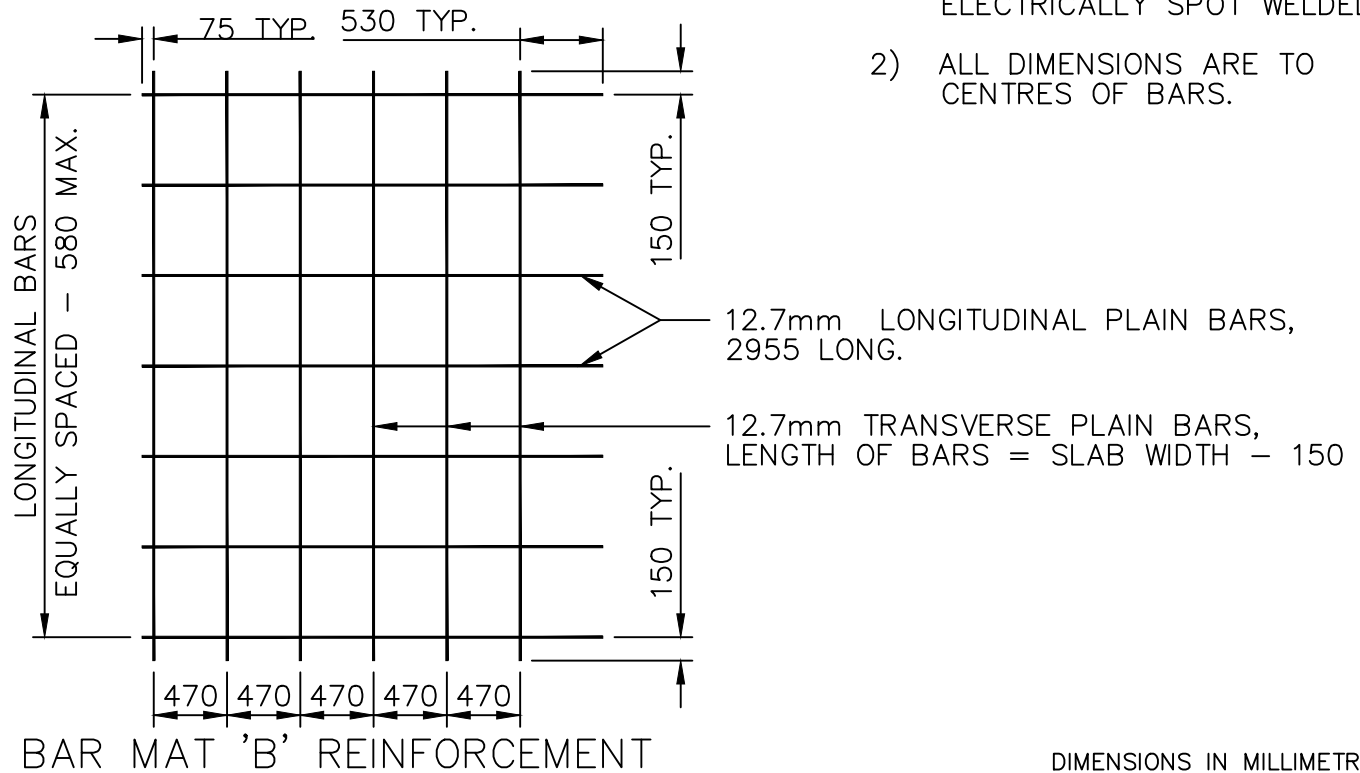
STEEL REINFORCEMENT FOR
REINFORCED CONCRETE
PAVEMENT

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.

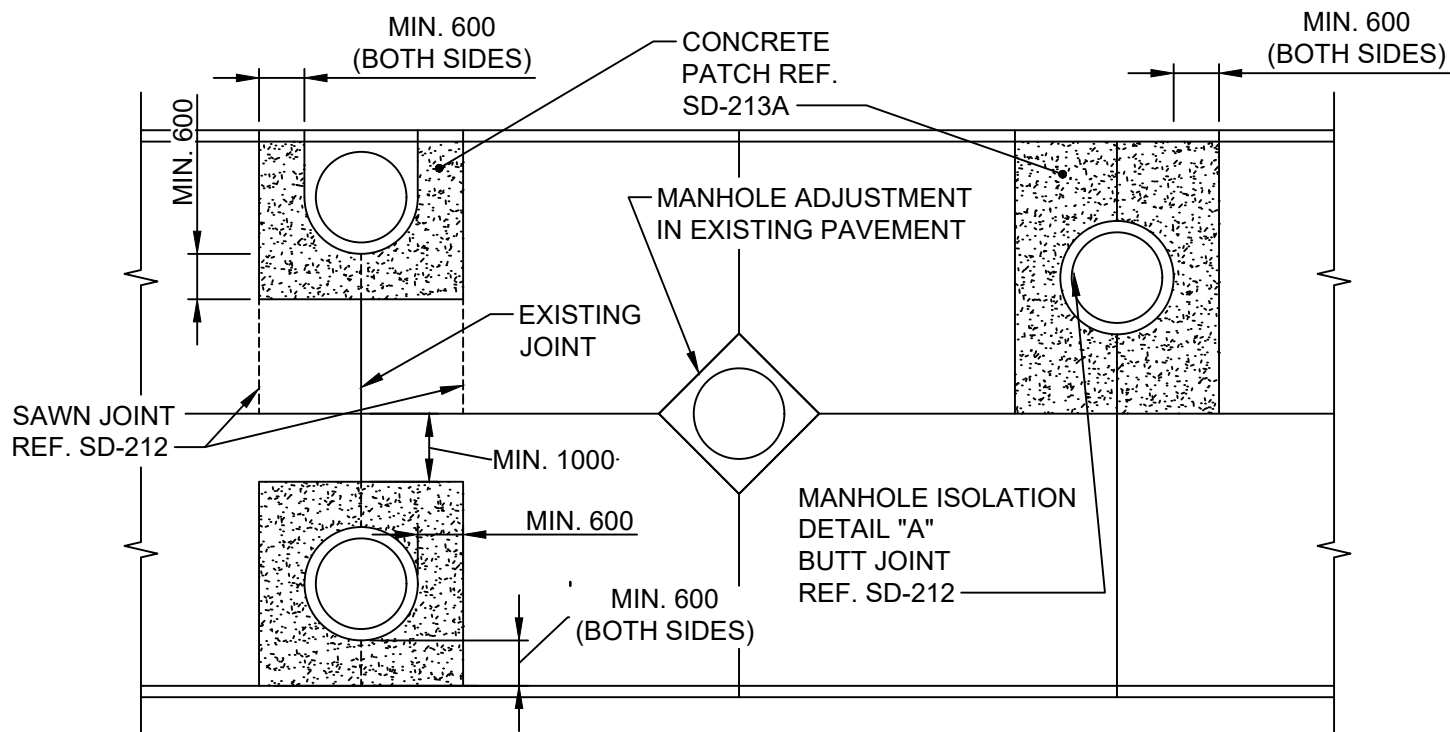
Checked By:
D.R.K.

Date:
2025-12-15

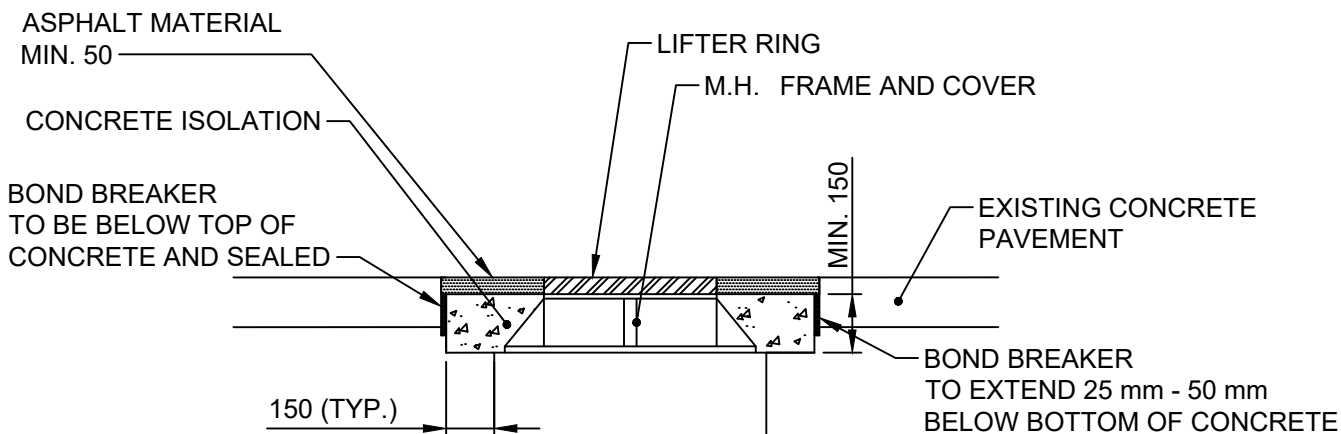
Drawing No.

Approved:
PAVEMENT MANAGEMENT BRANCH

SD-217



ISOLATION FOR M.H. ADJUSTMENT OR RESTORATION



DETAIL "A"

DIMENSIONS IN MILLIMETRES



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

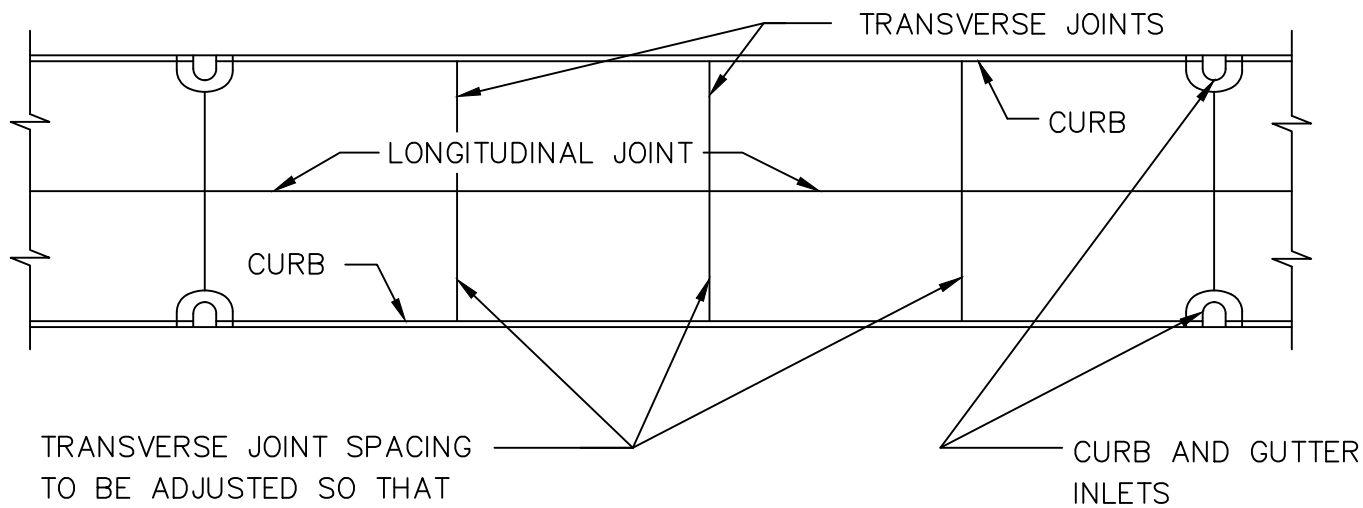
Reference Spec. No.
CW 3210, CW 3230, CW 3310

Revisions

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

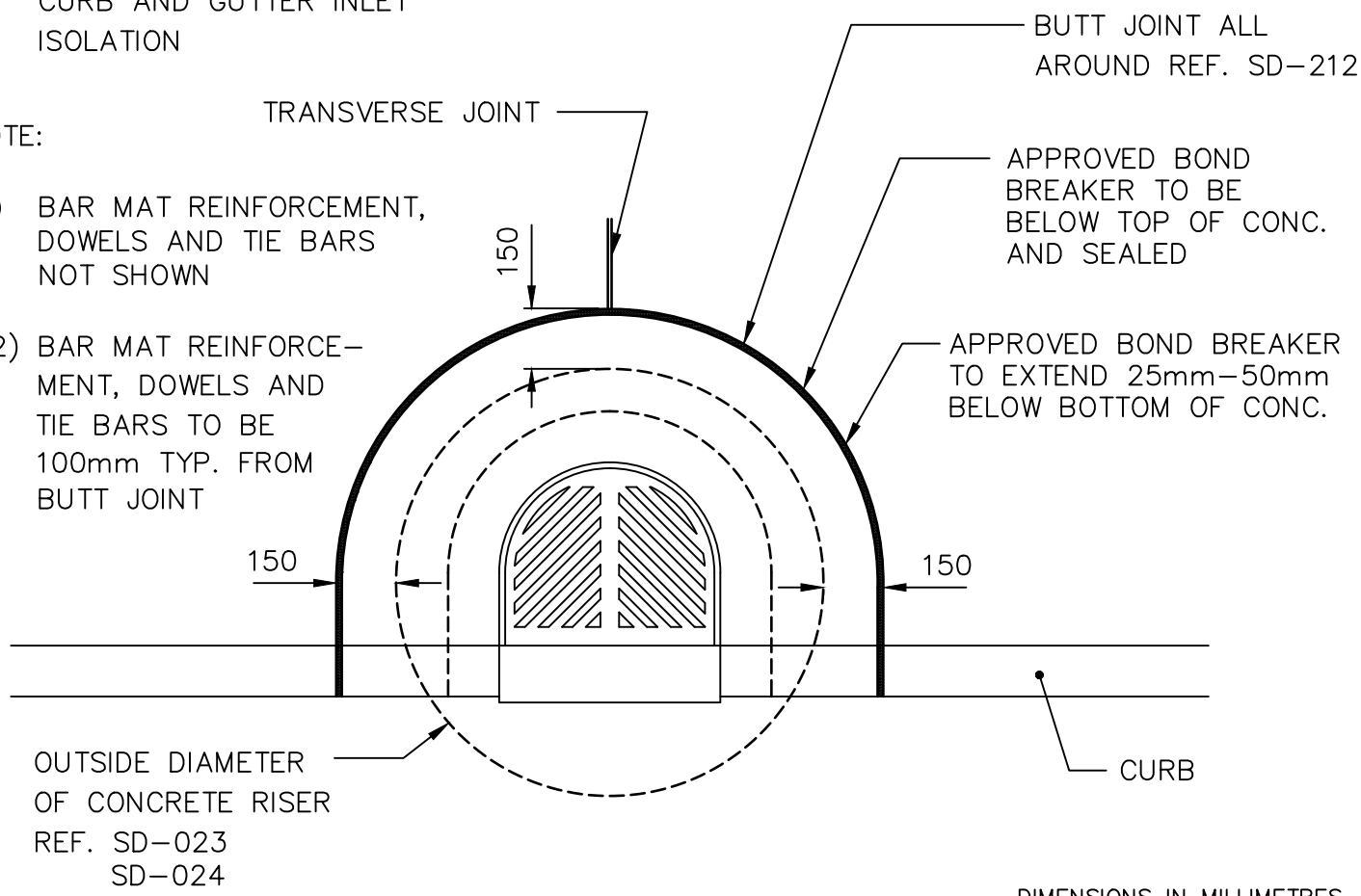
MANHOLE ISOLATION DETAIL
IN EXISTING PAVEMENTS

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-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

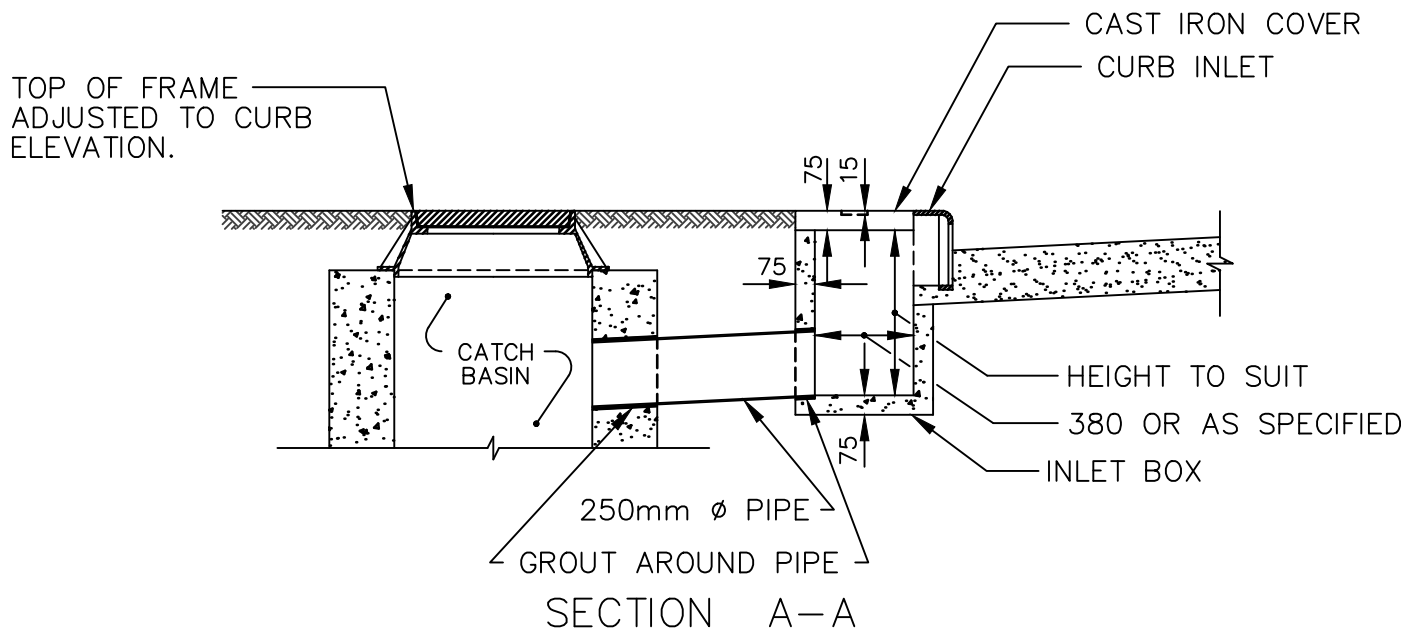
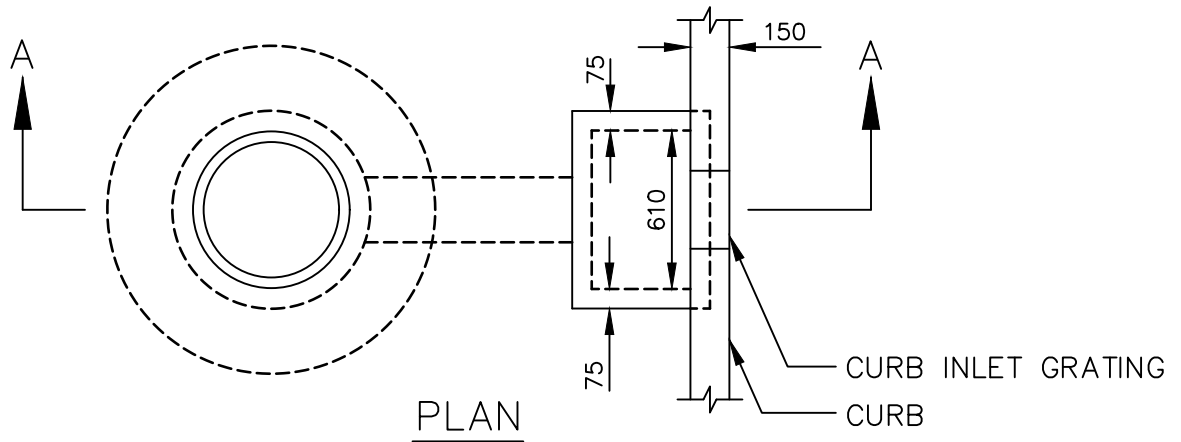


THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

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



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

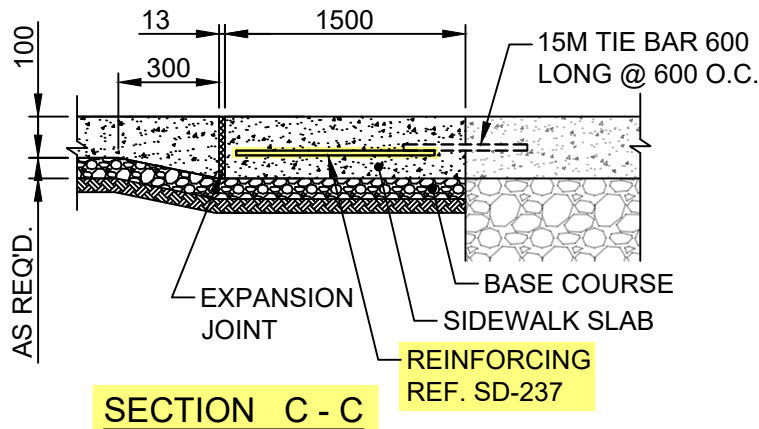
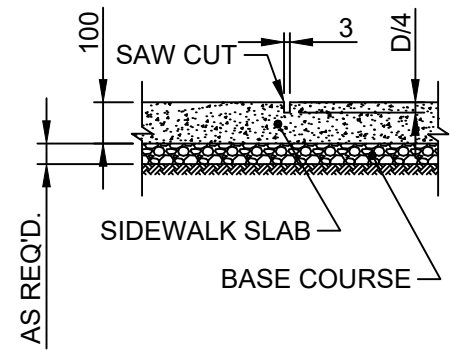
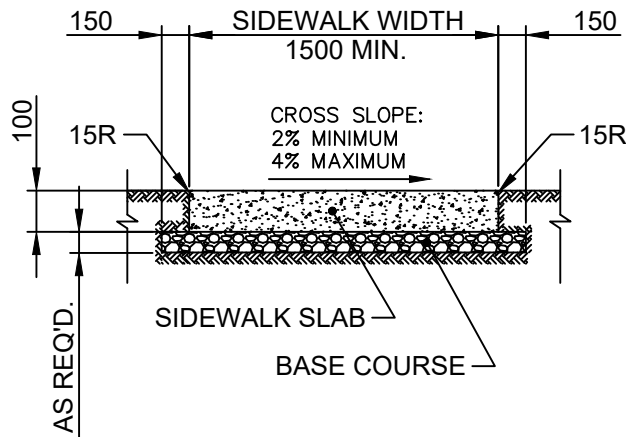
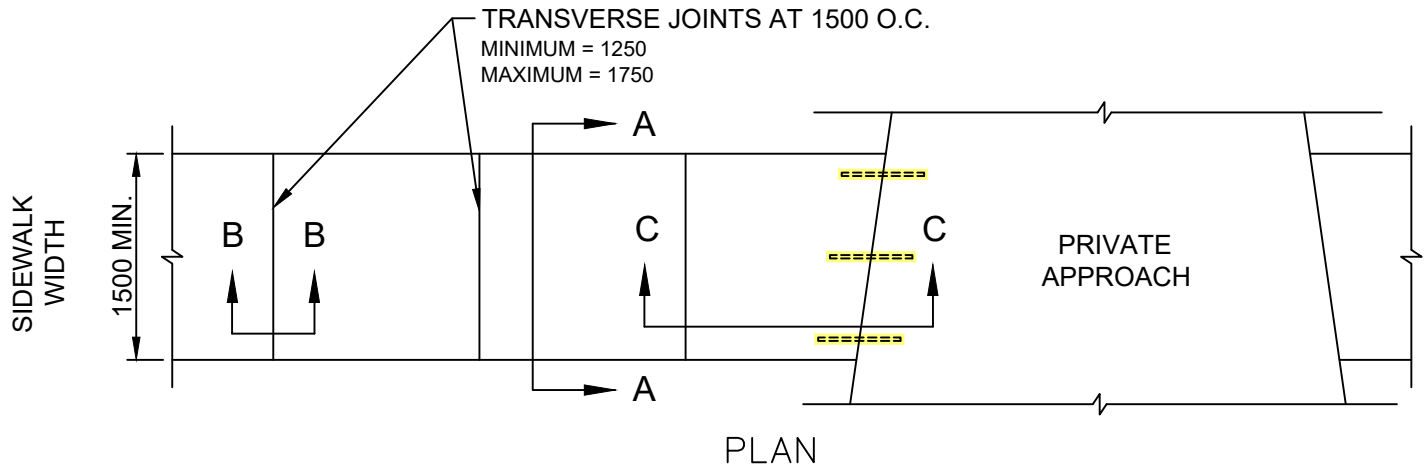
Reference Spec. No.
CW 3210

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



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

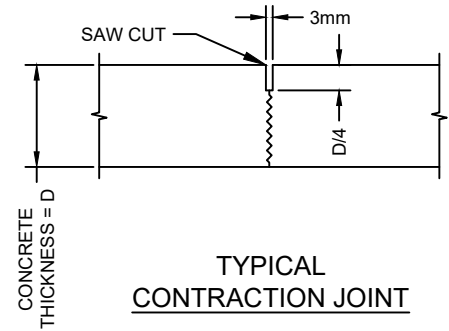
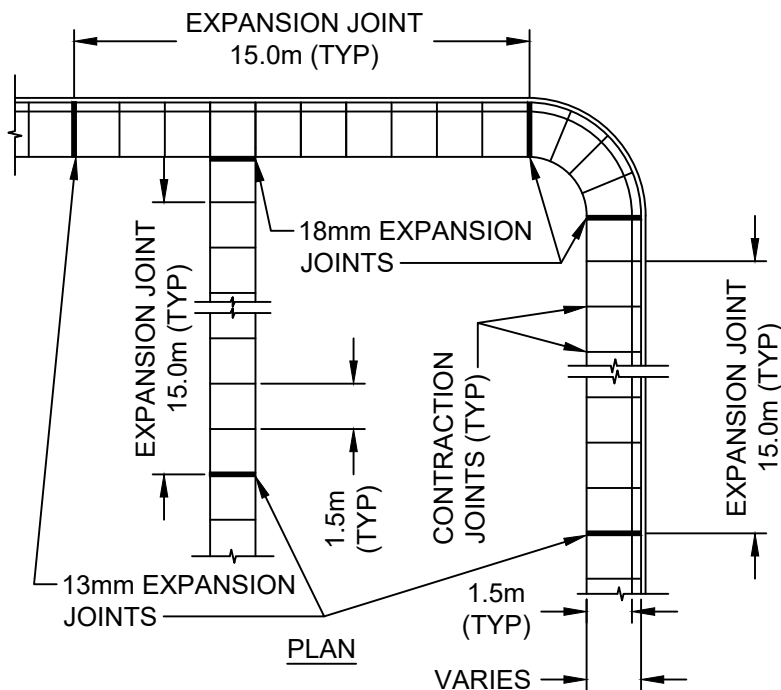
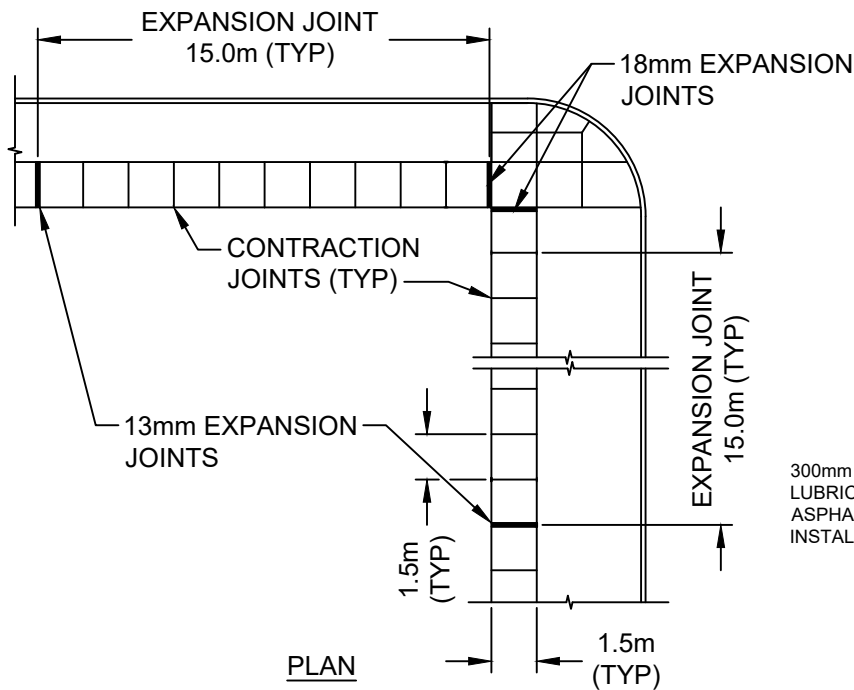


THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

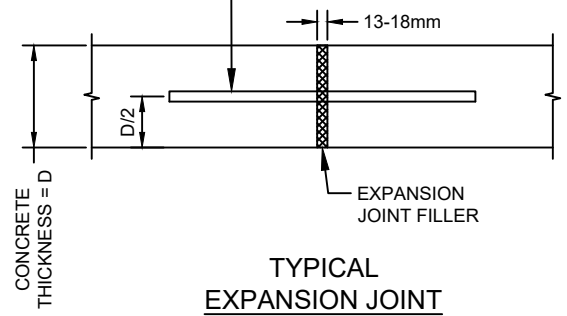
Reference Spec. No.
CW 3235, CW 3310, CW 3325

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