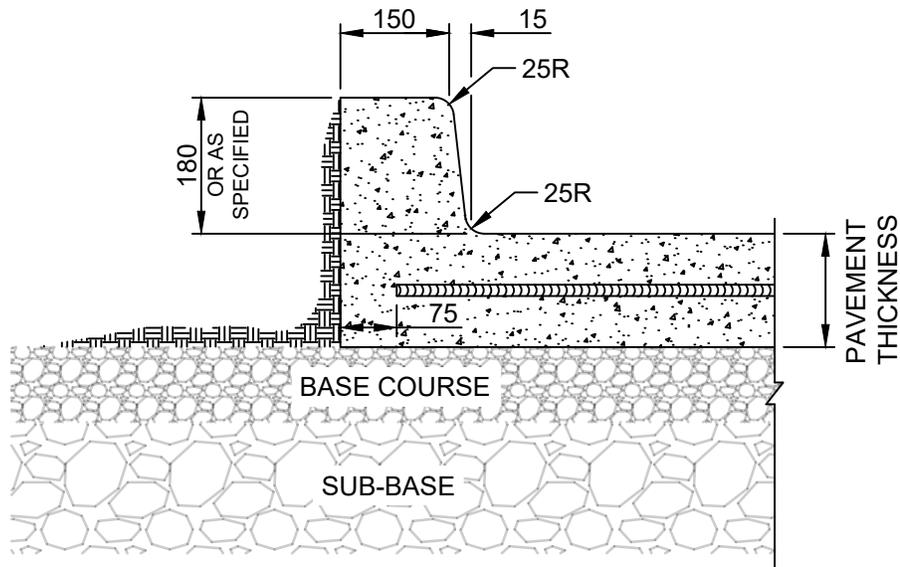


# **APPENDIX C**

## **CITY OF WINNIPEG REVISED STANDARD DETAILS**



DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

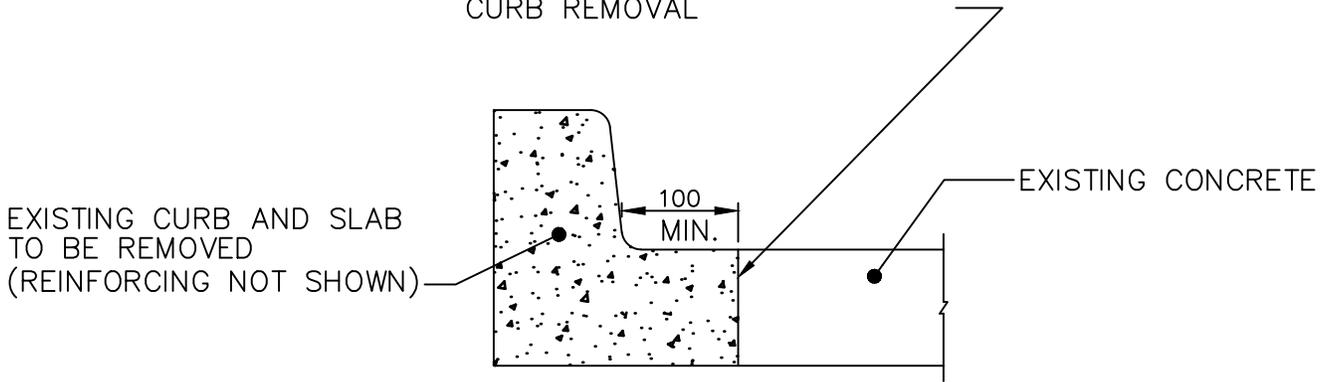
Reference Spec. No.  
CW 3230, CW 3310

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

BARRIER CURB  
INTEGRAL

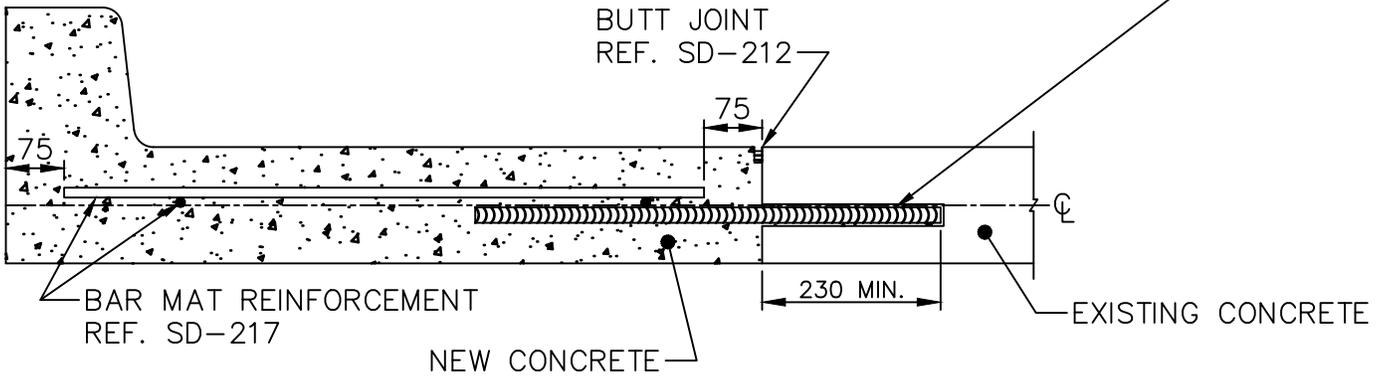
|   |                     |                  |
|---|---------------------|------------------|
| Designed By:<br>L.S.W.L.                | Drawn By:<br>T.K.   | Scale :<br>N.T.S |
| Checked By:<br>L.S.W.L.                 | Date:<br>1981-02-16 | Drawing No.      |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH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

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



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



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

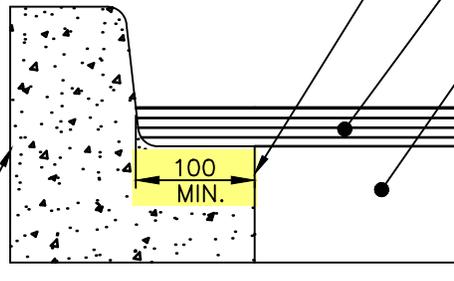
| Revisions |        |                                  |        |
|-----------|--------|----------------------------------|--------|
| No.       | Date   | Description                      | By     |
| 2.        | OCT 24 | TIE BAR SIZE AND TRANSVERSE CUTS | A.G.   |
| 1.        | JAN 03 | GENERAL REVISION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

CONCRETE PAVEMENT WIDENING

|   |                     |                   |
|---|---------------------|-------------------|
| Designed By:<br>L.S.W.L.                | Drawn By:<br>R.B.   | Scale :<br>N.T.S. |
| Checked By:<br>D.R.K.                   | Date:<br>2025-12-15 | Drawing No.       |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     | SD-207            |

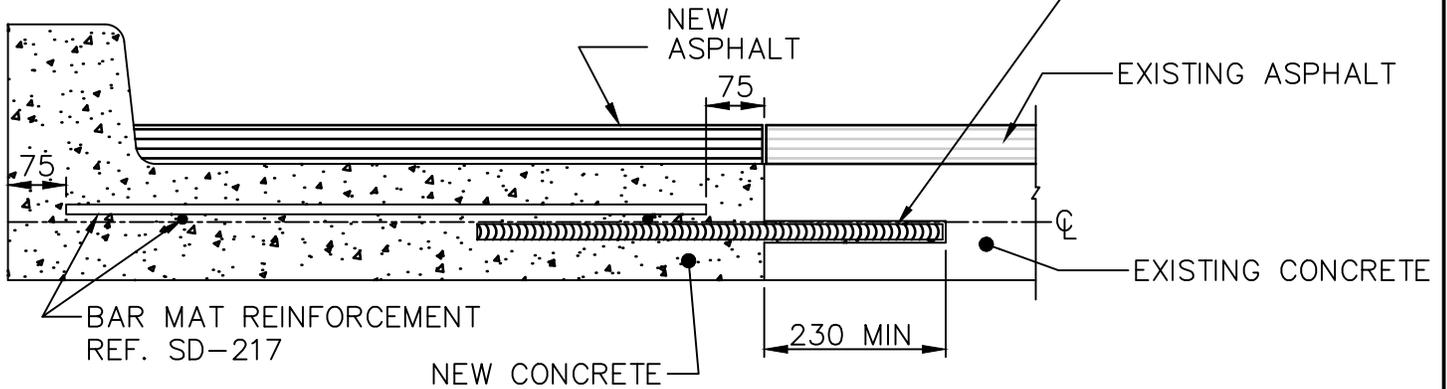
SAWCUT FULL-DEPTH PRIOR TO AND FOR THE FULL LENGTH OF CURB REMOVAL

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



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

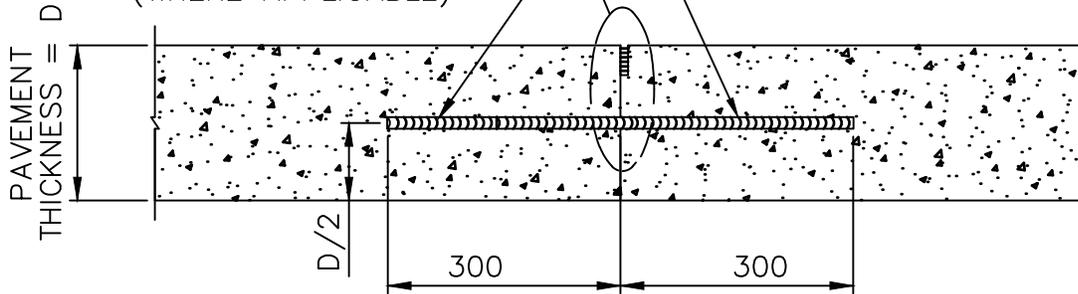
| No. | Date   | Description                        | By     |
|-----|--------|------------------------------------|--------|
| 2.  | MAY 25 | TIE BAR SIZE AND TRANSVERSE SAWCUT | R.B.   |
| 1.  | JAN 03 | GENERAL REVISION                   | L.W.B. |

PAVEMENT WIDENING  
 (CONCRETE PAVEMENT WITH  
 ASPHALT OVERLAY)

|   |                     |                       |
|---|---------------------|-----------------------|
| Designed By:<br>A.G.                    | Drawn By:<br>R.B.   | Scale :<br>N.T.S.     |
| Checked By:<br>B.K.                     | Date:<br>2025-12-15 | Drawing No.<br>SD-208 |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     |                       |

BUTT JOINT  
REF. SD-212

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

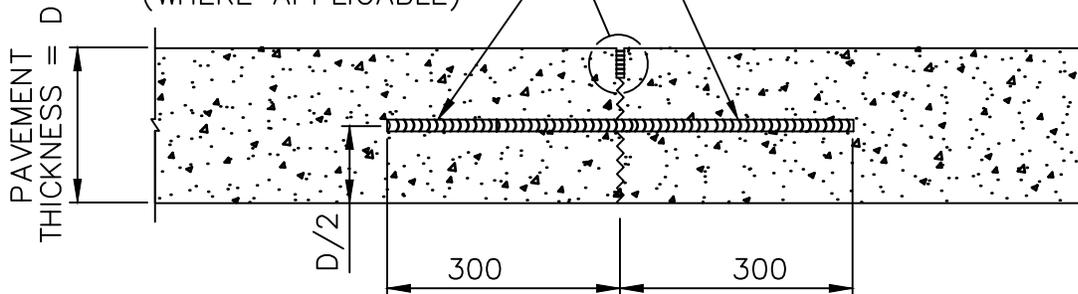


600 LONG TIE BARS:  
15M @ 600 O.C. FOR PAVEMENTS D<200  
20M @ 600 O.C. FOR PAVEMENTS D=200  
25M @ 600 O.C. FOR PAVEMENTS D>200

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

Revisions

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

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

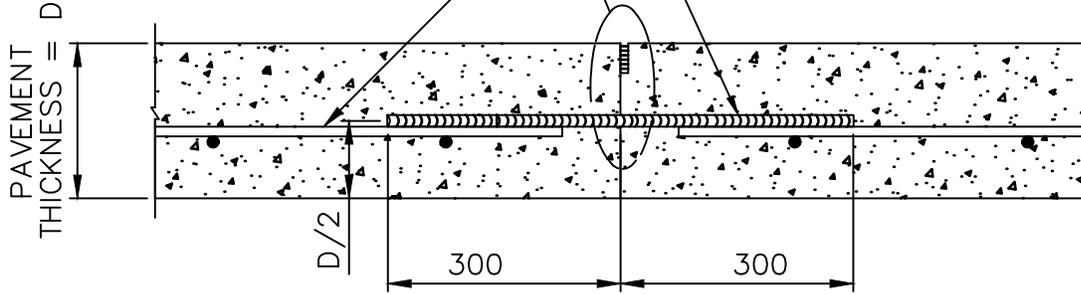
SD-210A

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  $D > 200$



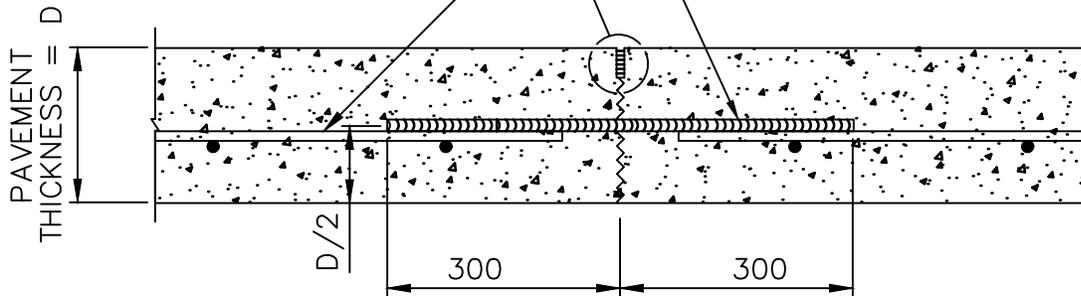
FORMED LONGITUDINAL JOINT

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

Revisions

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

LONGITUDINAL JOINT FOR  
CONCRETE PAVEMENTS WITH BAR  
MAT REINFORCEMENT

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

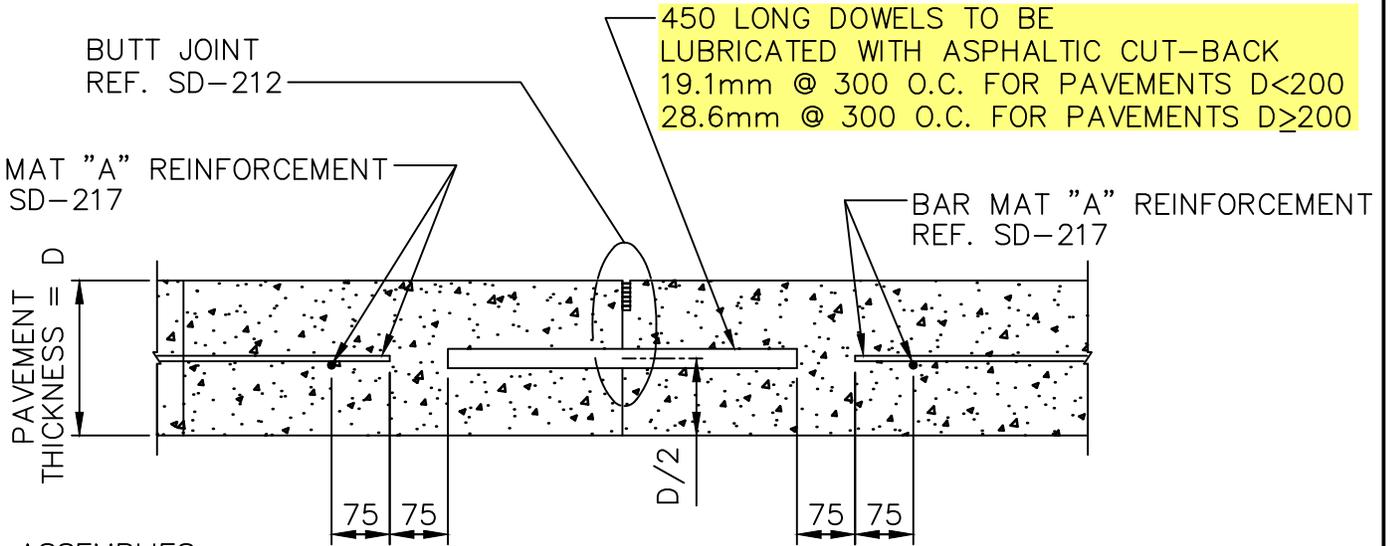
450 LONG DOWELS TO BE LUBRICATED WITH ASPHALTIC CUT-BACK  
 19.1mm @ 300 O.C. FOR PAVEMENTS D < 200  
 28.6mm @ 300 O.C. FOR PAVEMENTS D ≥ 200

BUTT JOINT  
 REF. SD-212

BAR MAT "A" REINFORCEMENT  
 REF. SD-217

BAR MAT "A" REINFORCEMENT  
 REF. SD-217

PAVEMENT THICKNESS = D



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

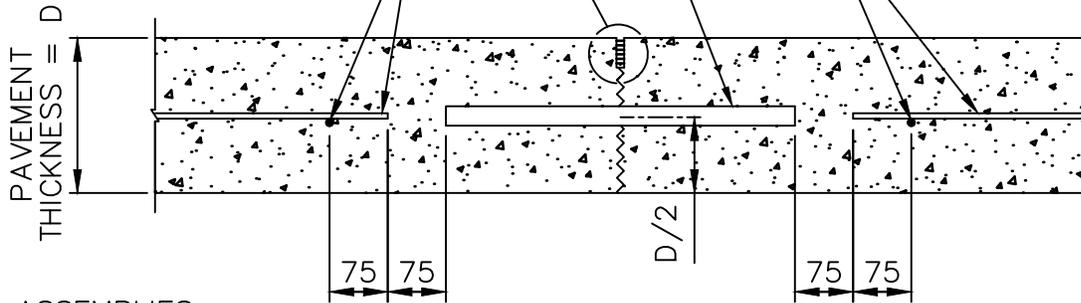
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|---|---------------------|------------------------|
| Designed By:<br>A.G.                    | Drawn By:<br>R.B.   | Scale :<br>N.T.S.      |
| Checked By:<br>B.K.                     | Date:<br>2025-12-15 | Drawing No.<br>SD-211A |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     |                        |

SAWN JOINT REF. SD-212

BAR MAT "A" REINFORCEMENT  
REF. SD-217

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≥200

BAR MAT "A" REINFORCEMENT  
REF. SD-217



NOTE:  
DOWEL ASSEMBLIES  
NOT SHOWN

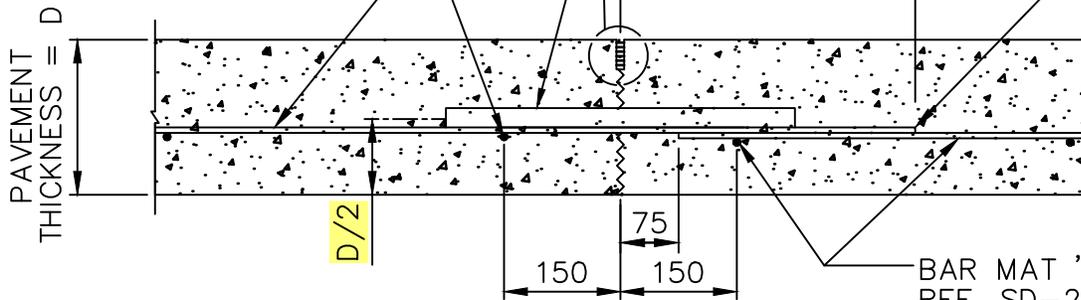
CONTRACTION JOINT MAT "A"

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≥200

EXTENSION OF LONGITUDINAL BAR  
TO BE LUBRICATED WITH ASPHALTIC  
CUT-BACK PRIOR TO CONCRETE  
PLACEMENT

BAR MAT 'B' REINFORCEMENT  
REF. SD-217

SAWN JOINT REF. SD-212



BAR MAT 'A' REINFORCEMENT  
REF. SD-217

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

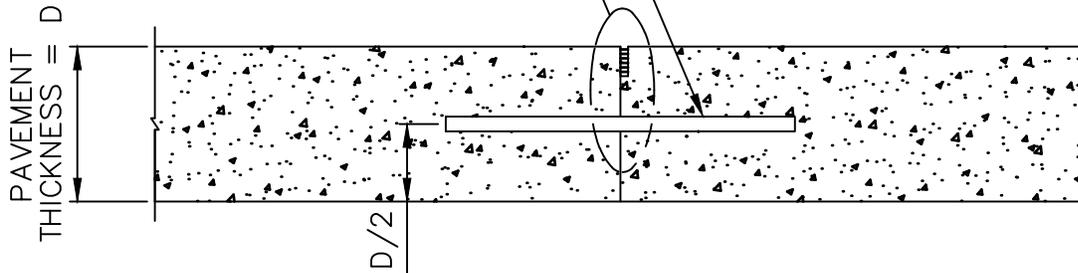
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-211B

BUTT JOINT REF. SD-212

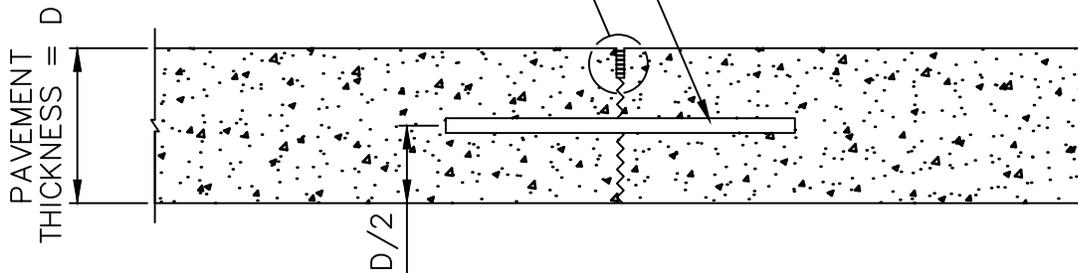
450 LONG DOWELS TO BE LUBRICATED WITH ASPHALTIC CUT-BACK  
 19.1mm @ 300 O.C. FOR PAVEMENTS  $D < 200$   
 28.6mm @ 300 O.C. FOR PAVEMENTS  $D \geq 200$



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

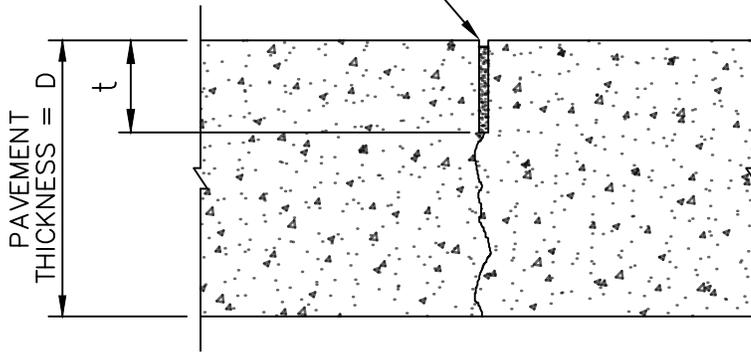
| Revisions |        |                  |      |
|-----------|--------|------------------|------|
| No.       | Date   | Description      | By   |
| 1.        | OCT 24 | GENERAL REVISION | A.G. |

CONSTRUCTION JOINT AND  
 CONTRACTION JOINT FOR  
 PLAIN DOWELLED  
 CONCRETE PAVEMENT

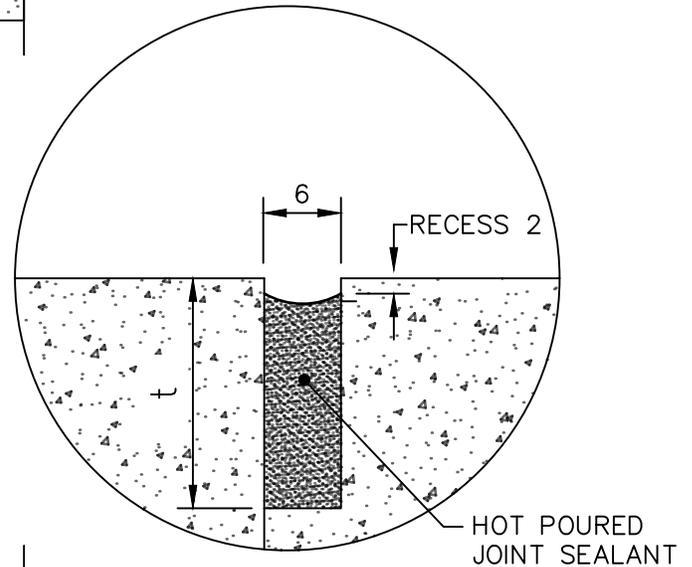
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| Designed By:<br>L.S.W.L.                | Drawn By:<br>R.B.   | Scale :<br>N.T.S. |
| Checked By:<br>D.R.K.                   | Date:<br>2025-12-15 | Drawing No.       |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     | SD-211C           |

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

SEE DETAIL "A"

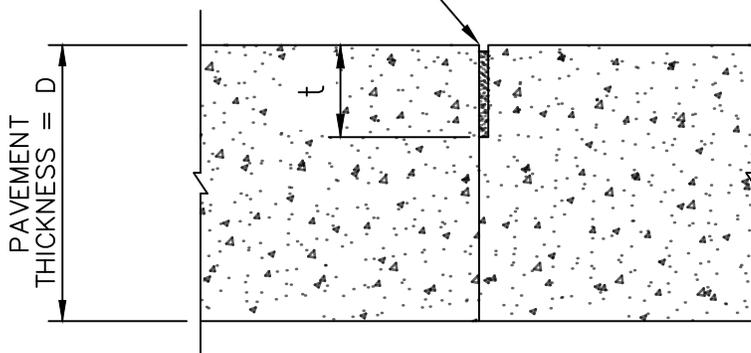


SAWN JOINT



DETAIL "A"

SEE DETAIL "A"



BUTT JOINT

NOTES:

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

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT

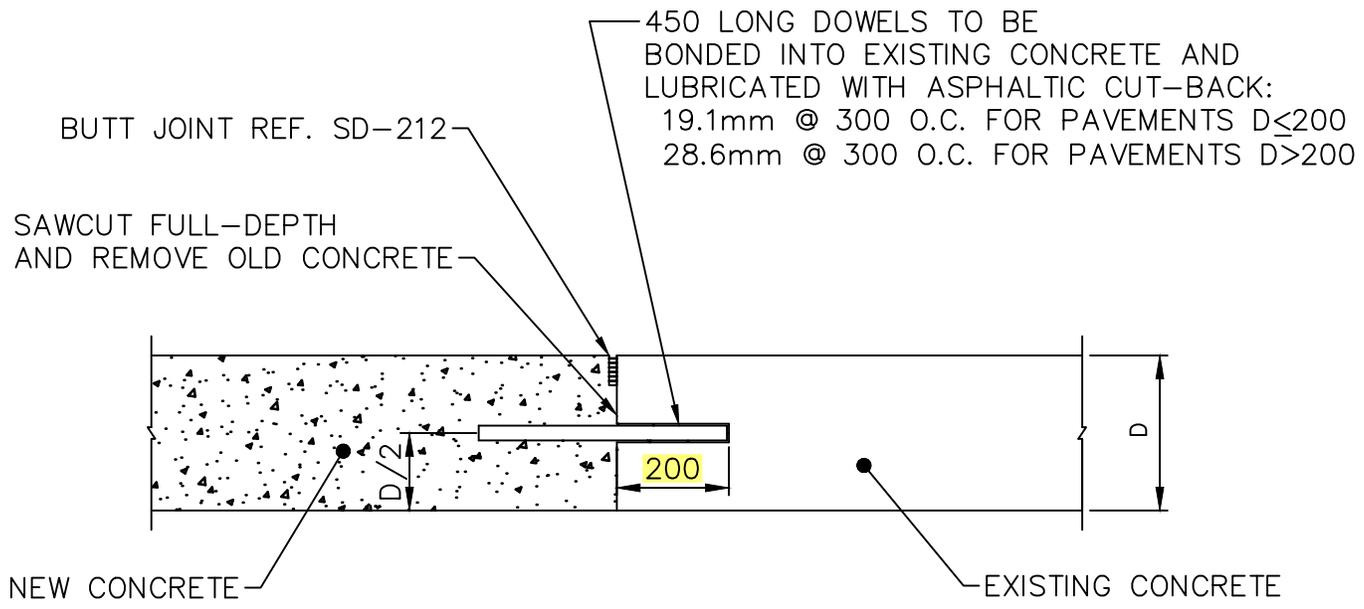
Reference Spec. No.  
 CW 3230, CW 3310

Revisions

| No. | Date   | Description             | By     |
|-----|--------|-------------------------|--------|
| 2.  | MAY 25 | SAW CUT WIDTH AND DEPTH | R.B.   |
| 1.  | OCT 06 | GENERAL REVISION        | L.W.B. |

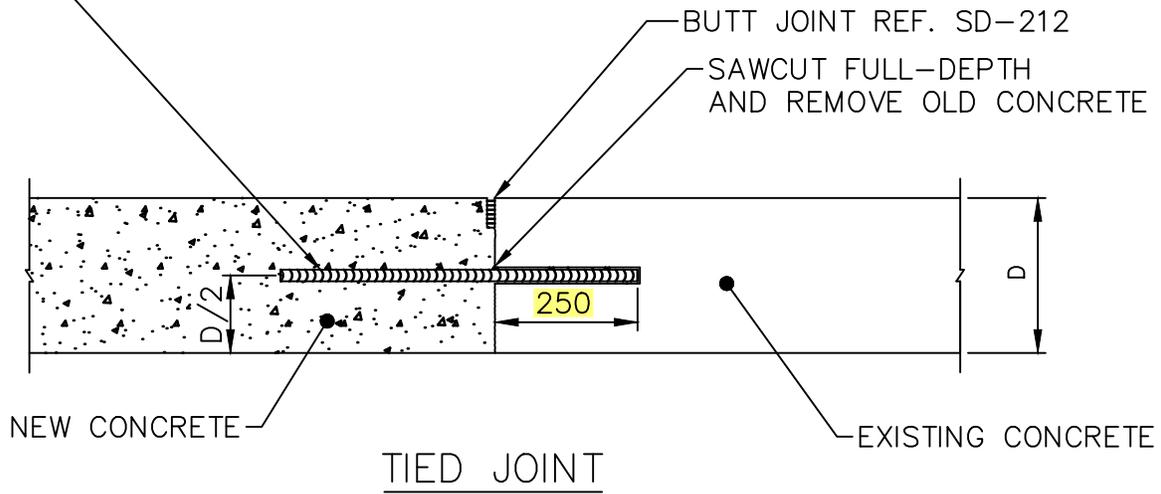
SAWN JOINT AND BUTT JOINT FOR  
 CONCRETE PAVEMENTS

|   |                     |                   |
|---|---------------------|-------------------|
| Designed By:<br>A.G.                    | Drawn By:<br>R.B.   | Scale :<br>N.T.S. |
| Checked By:<br>B.K.                     | Date:<br>2025-12-15 | Drawing No.       |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     | SD-212            |



TRANSVERSE (MOVING) JOINT

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  
 WITH MINIMUM 2 BARS PER SIDE



TIED JOINT

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

DIMENSIONS IN MILLIMETRES



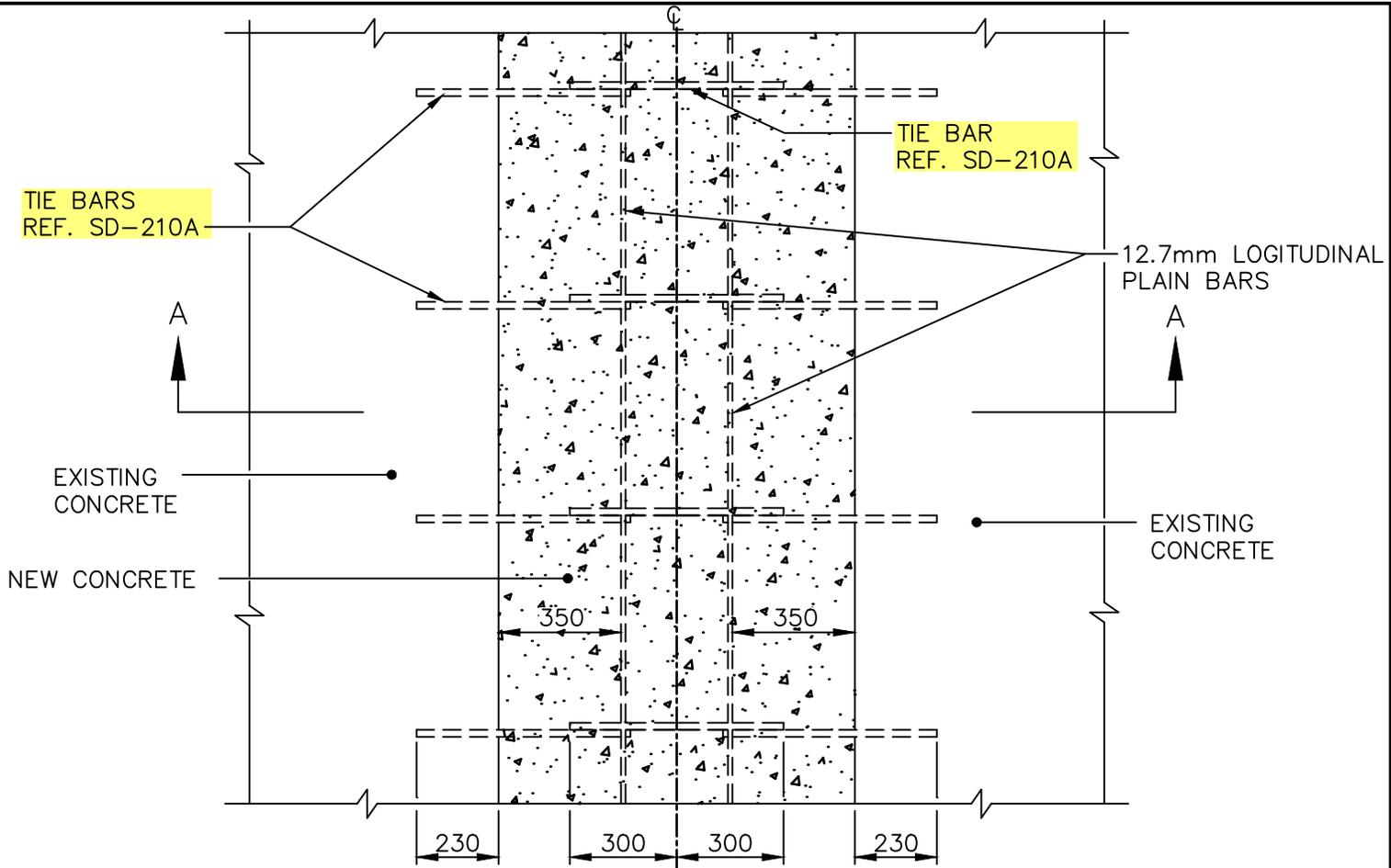
**THE CITY OF WINNIPEG**  
 PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
 CW 3230, CW 3310

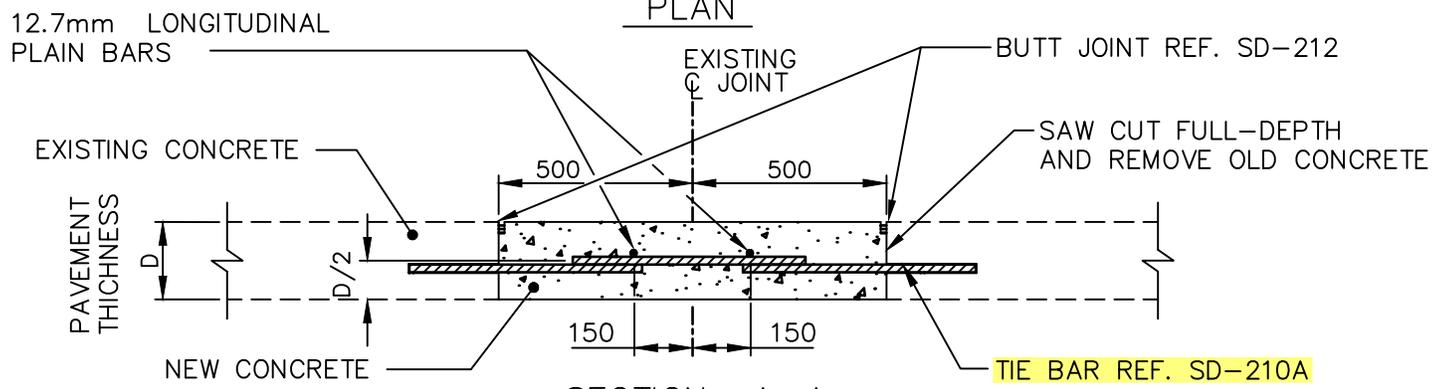
| Revisions |        |                  |        |
|-----------|--------|------------------|--------|
| No.       | Date   | Description      | By     |
| 2.        | OCT 24 | TIE BAR DETAILS  | A.G.   |
| 1.        | OCT 13 | GENERAL REVISION | L.W.B. |

FULL-DEPTH PATCHES AND  
 SLAB REPLACEMENT

|   |                     |                        |
|---|---------------------|------------------------|
| Designed By:<br>B.P.                    | Drawn By:<br>R.B.   | Scale :<br>N.T.S.      |
| Checked By:<br>D.R.K.                   | Date:<br>2025-12-15 | Drawing No.<br>SD-213B |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     |                        |



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



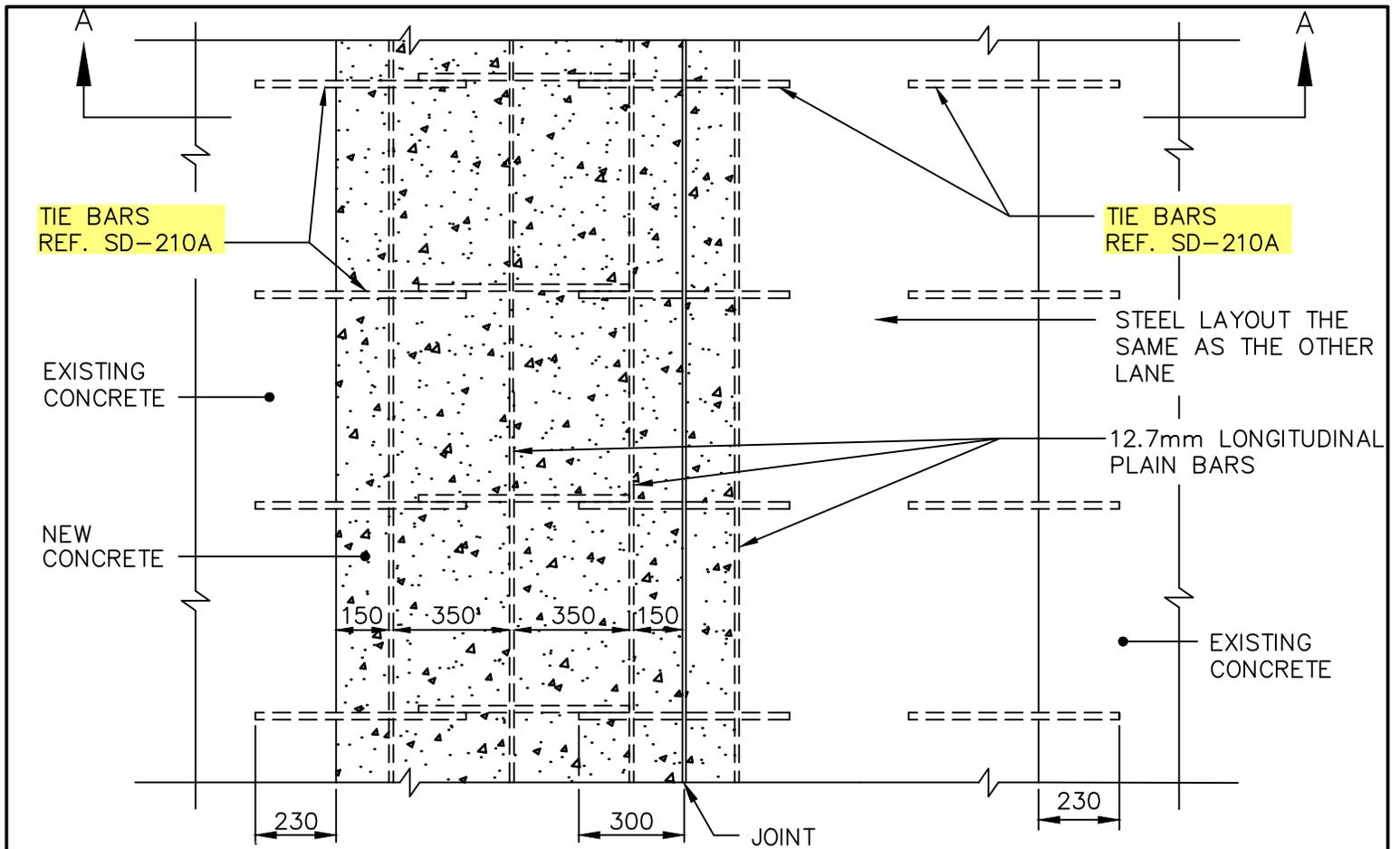
**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

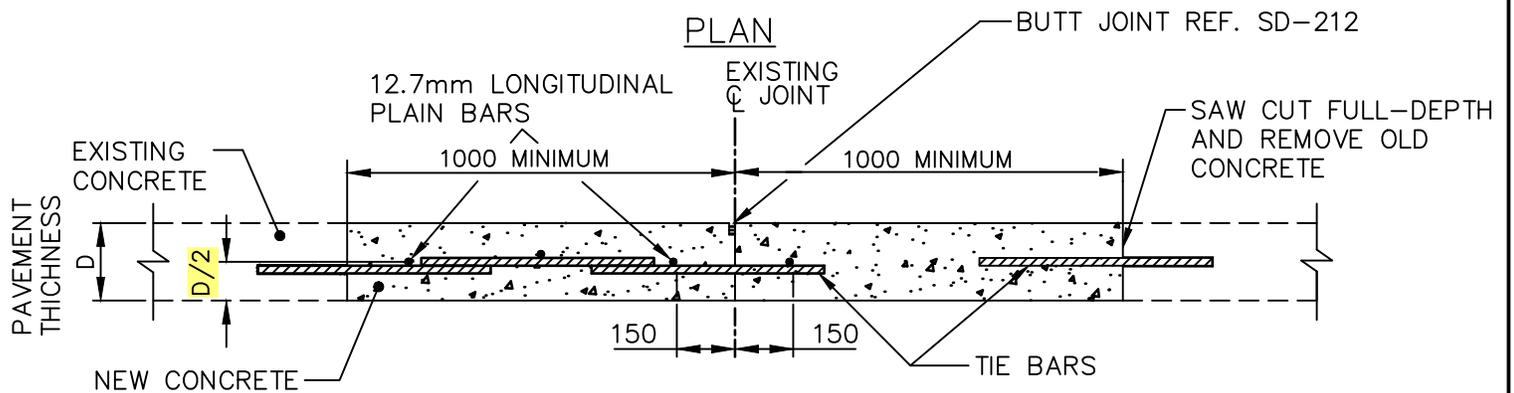
| Revisions |        |                  |      |
|-----------|--------|------------------|------|
| No.       | Date   | Description      | By   |
| 3.        | OCT 24 | TIE BAR DETAILS  | A.G. |
| 2.        | FEB 04 | GENERAL REVISION | J.G. |
| 1.        | JAN 03 | GENERAL REVISION | A.P. |

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

|   |                     |                        |
|---|---------------------|------------------------|
| Designed By:<br>L.S.W.L.                | Drawn By:<br>R.B.   | Scale :<br>N.T.S.      |
| Checked By:<br>B.P.                     | Date:<br>2025-12-15 | Drawing No.<br>SD-214A |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     |                        |



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

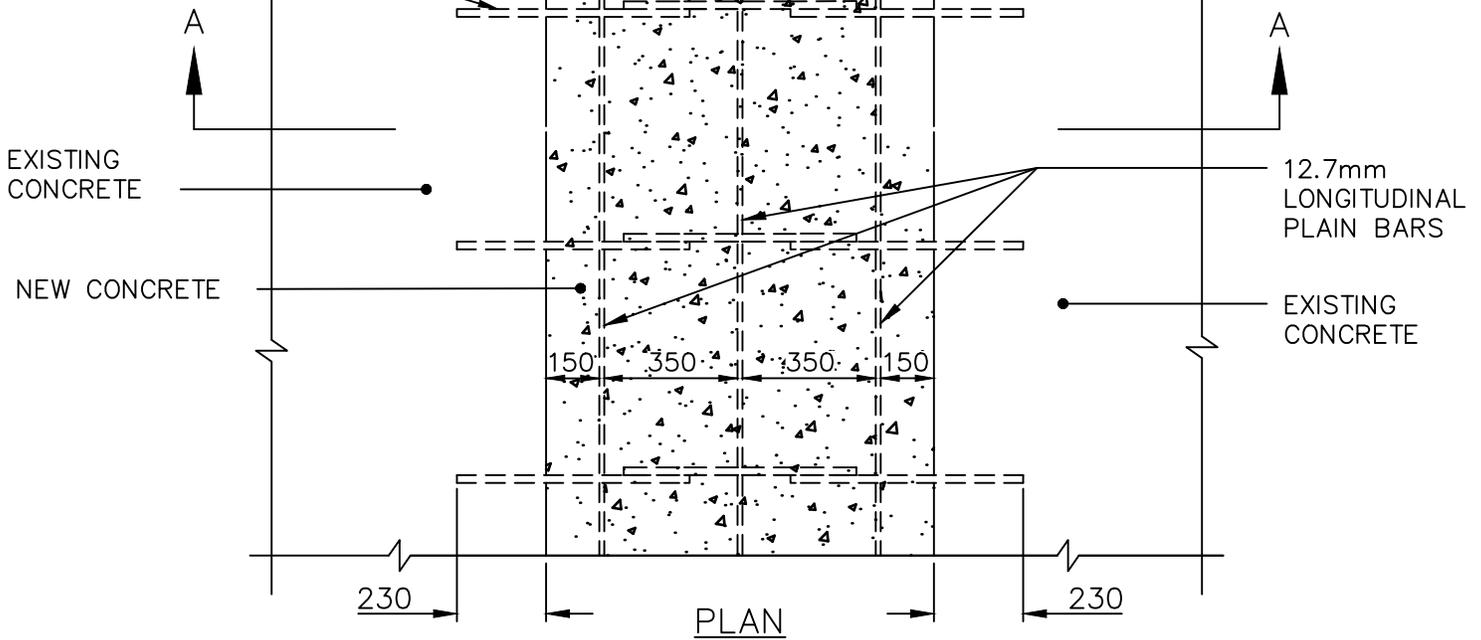
Revisions

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

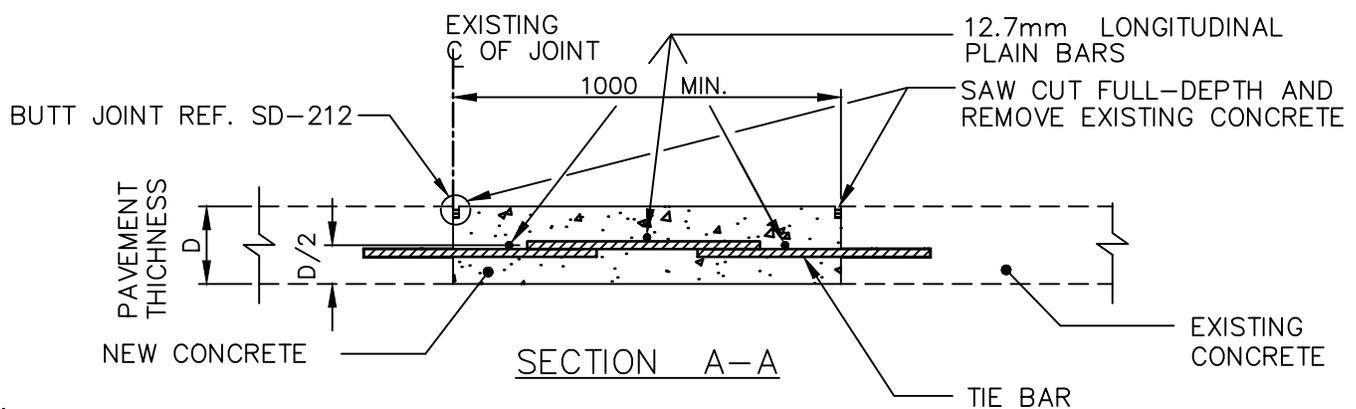
LONGITUDINAL JOINT  
REPAIR DETAILS  
LANE-AT-A-TIME PATCH

|   |                     |                   |
|---|---------------------|-------------------|
| Designed By:<br>L.S.W.L.                | Drawn By:<br>R.B.   | Scale :<br>N.T.S. |
| Checked By:<br>B.P.                     | Date:<br>2025-12-15 | Drawing No.       |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     | SD-214B           |

TIE BARS  
REF. SD-210A



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

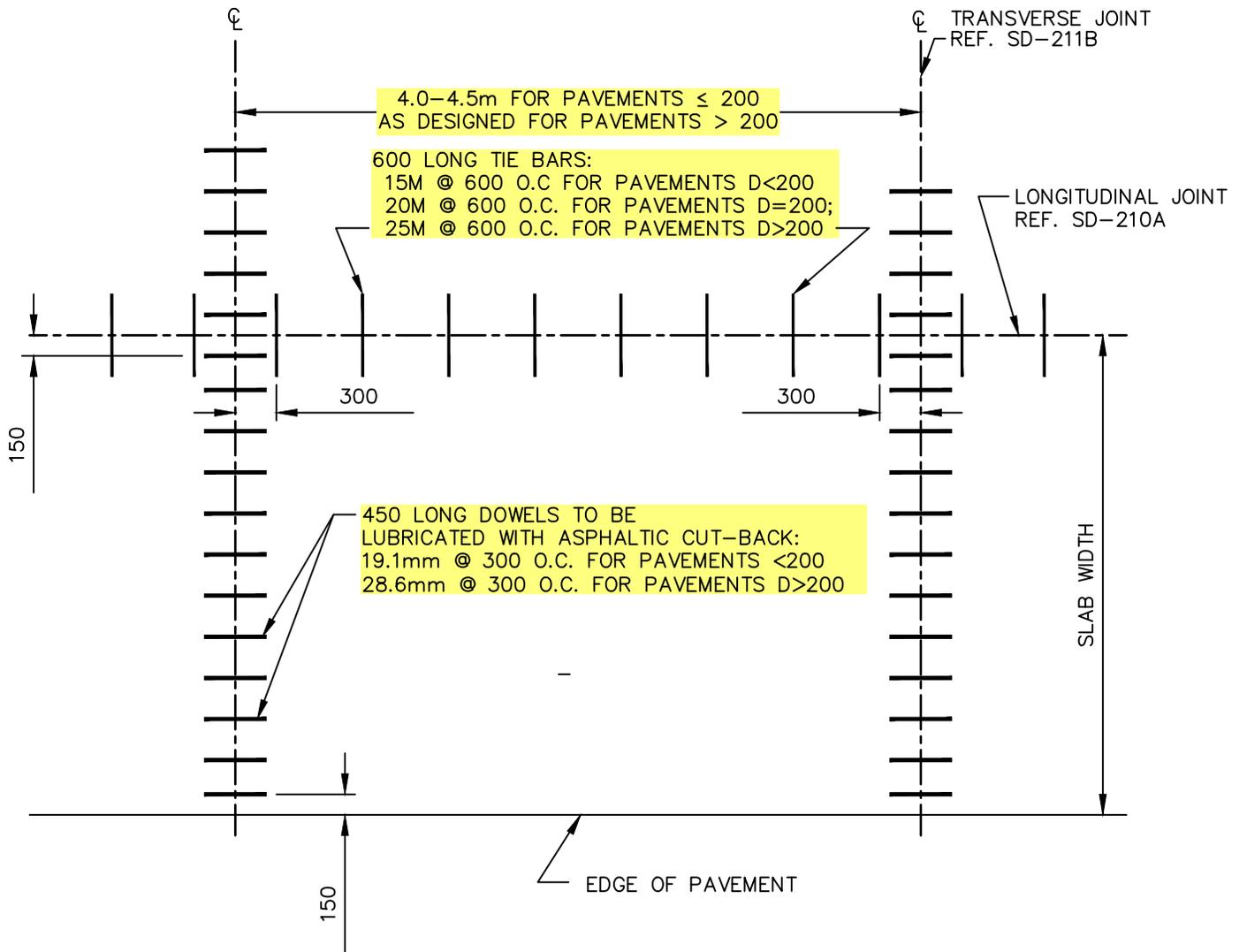
Reference Spec. No.  
CW 3230, CW 3310

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 | L.W.B. |

LONGITUDINAL JOINT PATCH DETAILS  
ONE SIDE ONLY

|   |                     |                        |
|---|---------------------|------------------------|
| Designed By:<br>L.S.W.L.                | Drawn By:<br>R.B.   | Scale :<br>N.T.S.      |
| Checked By:<br>B.P.                     | Date:<br>2025-12-15 | Drawing No.<br>SD-214C |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     |                        |



DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

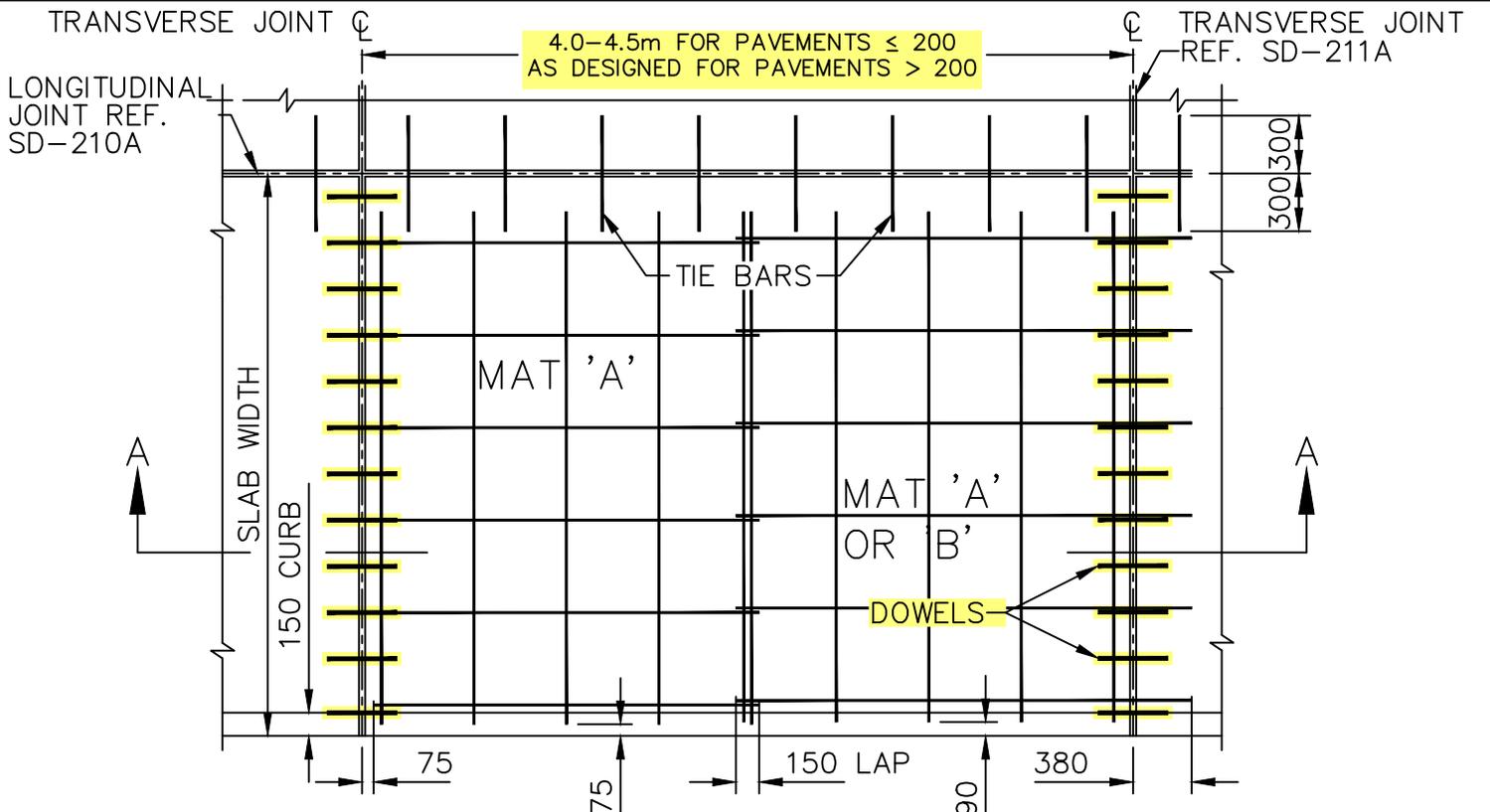
Reference Spec. No.  
CW 3230, CW 3310

Revisions

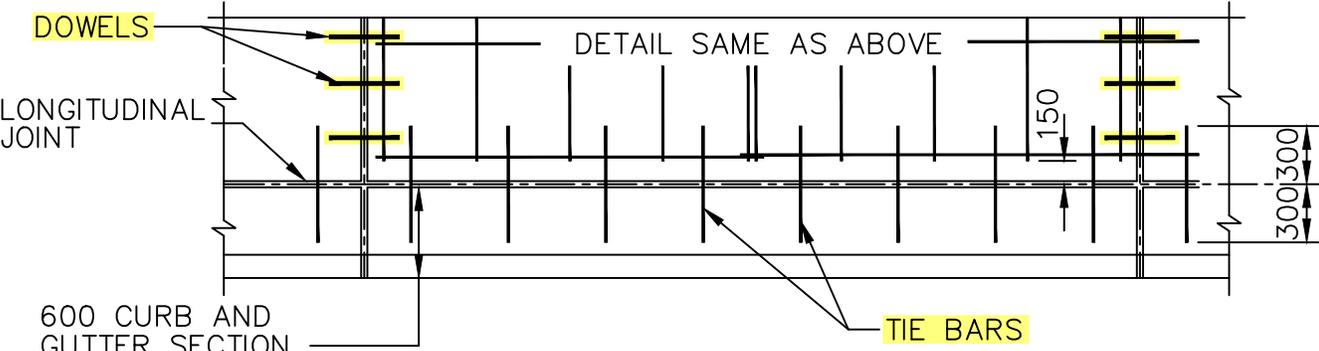
| No. | Date   | Description               | By   |
|-----|--------|---------------------------|------|
| 2.  | OCT 24 | TIE BAR AND DOWEL DETAILS | R.B. |
| 1.  | DEC 31 | GENERAL REVISION          | A.R. |

LOAD TRANSFER DEVICE FOR  
PLAIN DOWELLED CONCRETE  
PAVEMENT

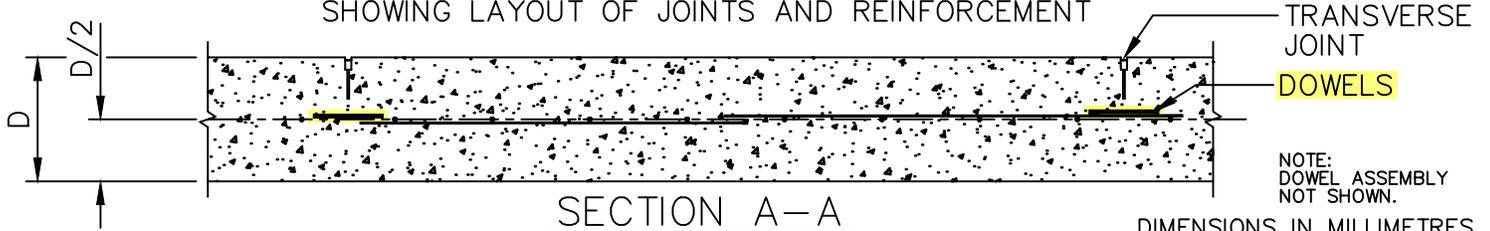
|   |                     |                       |
|---|---------------------|-----------------------|
| Designed By:<br>A.G.                    | Drawn By:<br>R.B.   | Scale :<br>N.T.S.     |
| Checked By:<br>B.K.                     | Date:<br>2025-12-15 | Drawing No.<br>SD-215 |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     |                       |



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



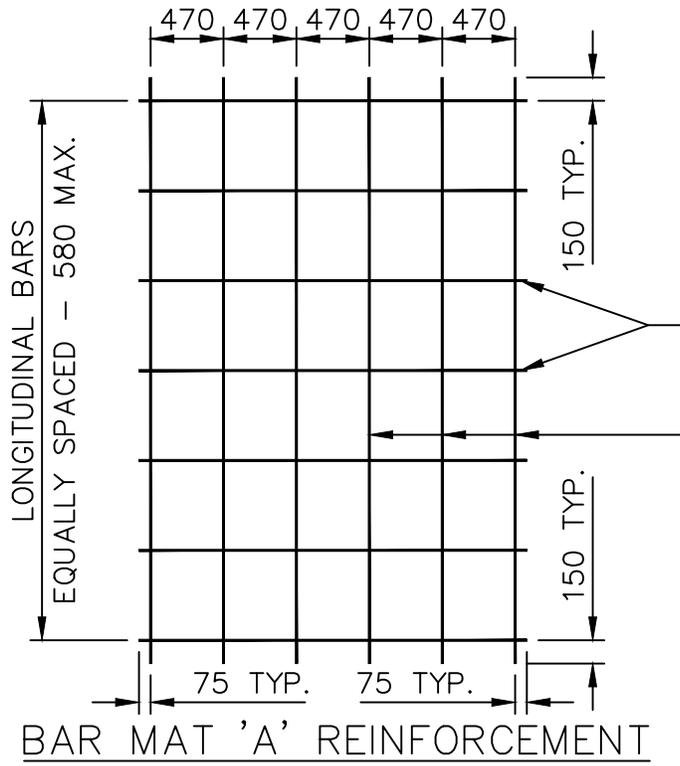
**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, CW 3310

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

STEEL REINFORCEMENT FOR  
REINFORCED CONCRETE  
PAVEMENT

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

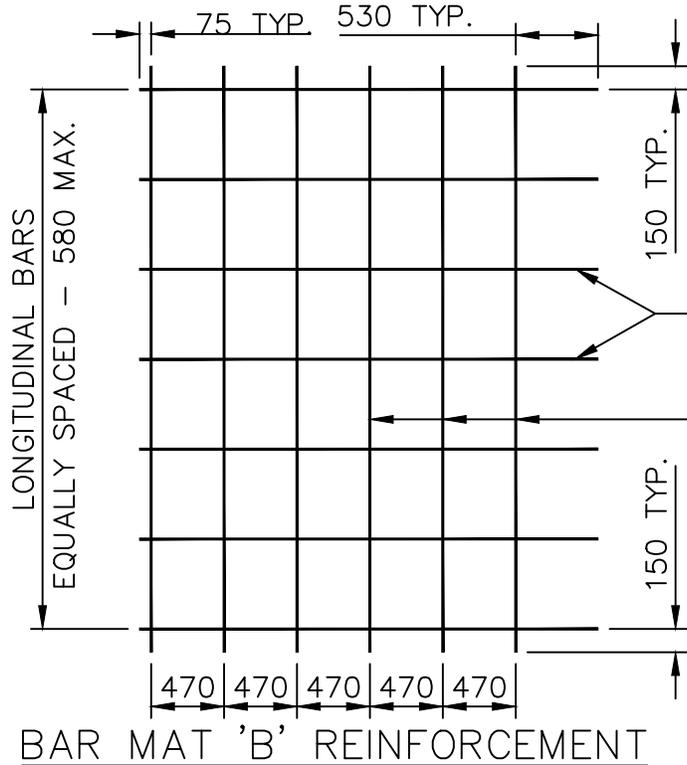


12.7mm LONGITUDINAL PLAIN BARS,  
2500 LONG.

12.7mm TRAVERSE PLAIN BARS,  
LENGTH OF BARS = SLAB WIDTH - 150

NOTE

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



12.7mm LONGITUDINAL PLAIN BARS,  
2955 LONG.

12.7mm TRANSVERSE PLAIN BARS,  
LENGTH OF BARS = SLAB WIDTH - 150

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 | GENERAL REVISION | A.G. |
| 1.  | JAN 01 | GENERAL REVISION | A.R. |

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

Designed By:  
B.P.

Drawn By:  
R.B

Scale :  
N.T.S.

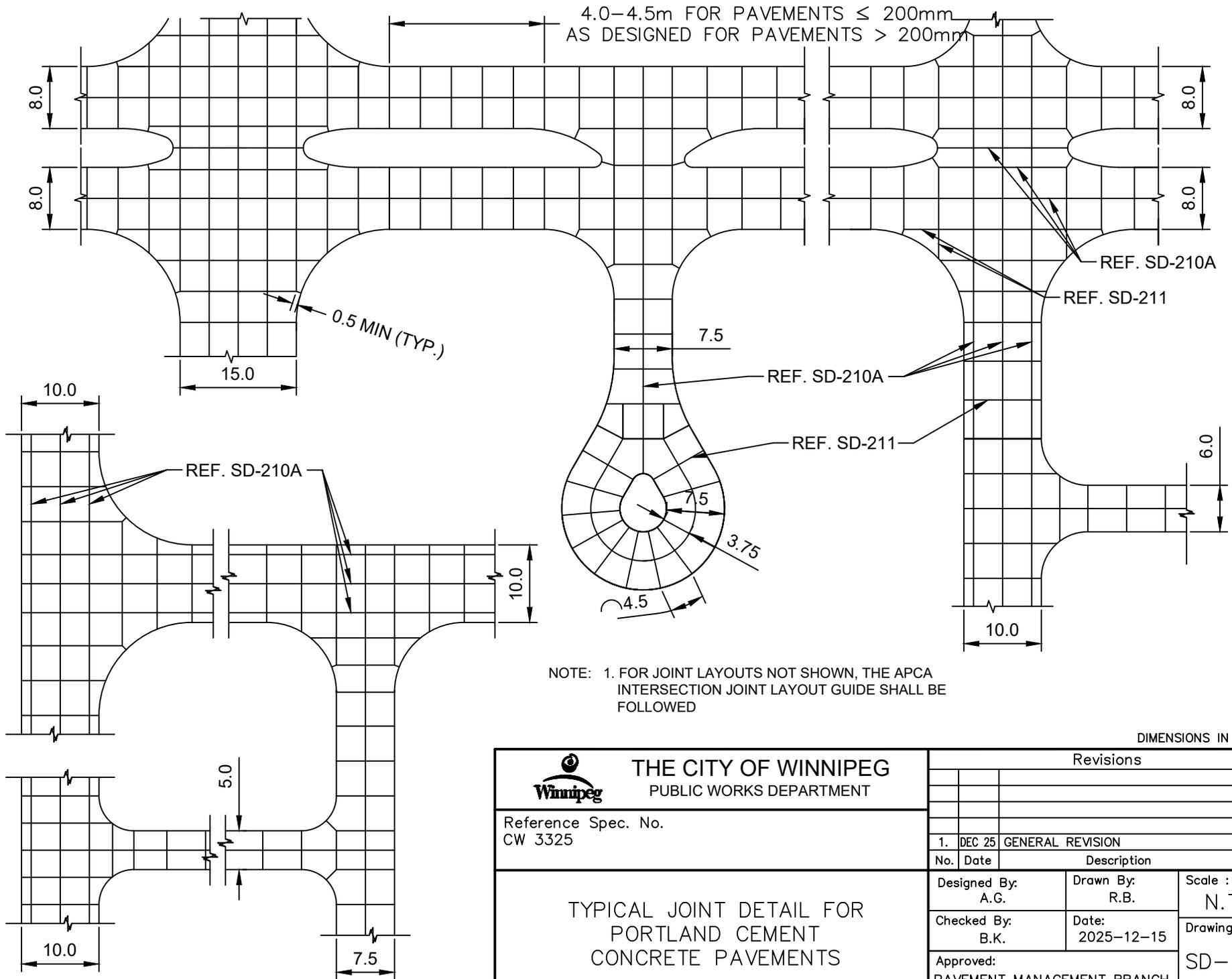
Checked By:  
D.R.K.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

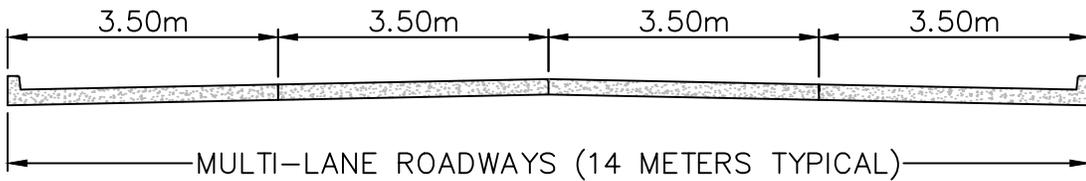
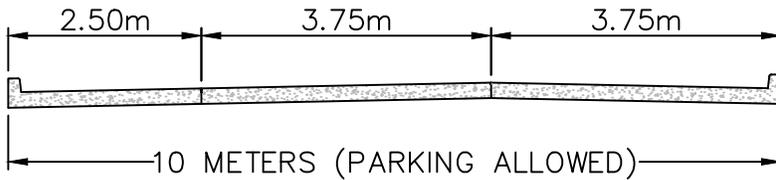
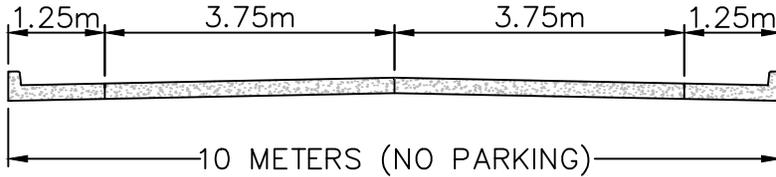
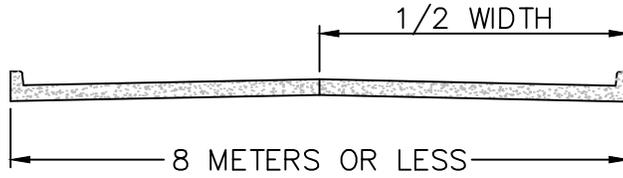
SD-217



NOTE: 1. FOR JOINT LAYOUTS NOT SHOWN, THE APCA INTERSECTION JOINT LAYOUT GUIDE SHALL BE FOLLOWED

DIMENSIONS IN METRES

|  |   |                     |                   |
|--|---|---------------------|-------------------|
| <br><b>THE CITY OF WINNIPEG</b><br>PUBLIC WORKS DEPARTMENT | Revisions                               |                     |                   |
|  |   |                     |                   |
| Reference Spec. No.<br>CW 3325   | 1. DEC 25                               | GENERAL REVISION    | R.B.              |
| TYPICAL JOINT DETAIL FOR<br>PORTLAND CEMENT<br>CONCRETE PAVEMENTS  | No.                                     | Date                | Description       |
|  |   |                     |                   |
|  |   |                     |                   |
|  |   |                     |                   |
|  | Designed By:<br>A.G.                    | Drawn By:<br>R.B.   | Scale :<br>N.T.S. |
|  | Checked By:<br>B.K.                     | Date:<br>2025-12-15 | Drawing No.       |
|  | Approved:<br>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

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

Designed By:  
L.S.W.Z

Drawn By:  
H.N.

Scale :  
N.T.S.

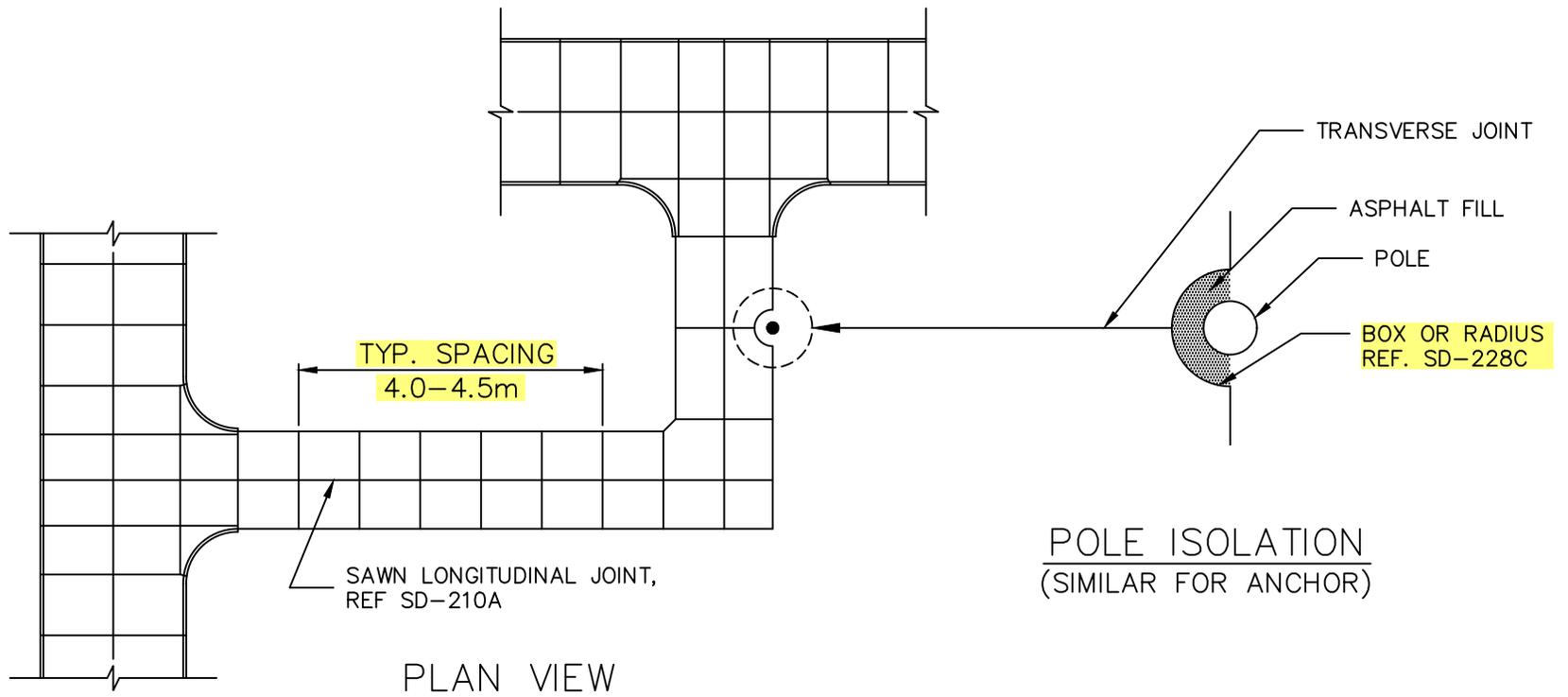
Checked By:  
L.S.W.Z

Date:  
2025-12-15

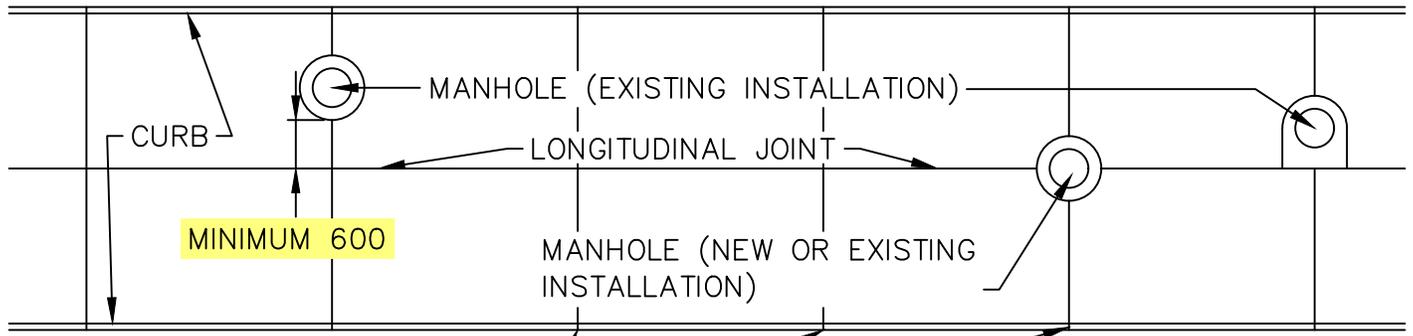
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

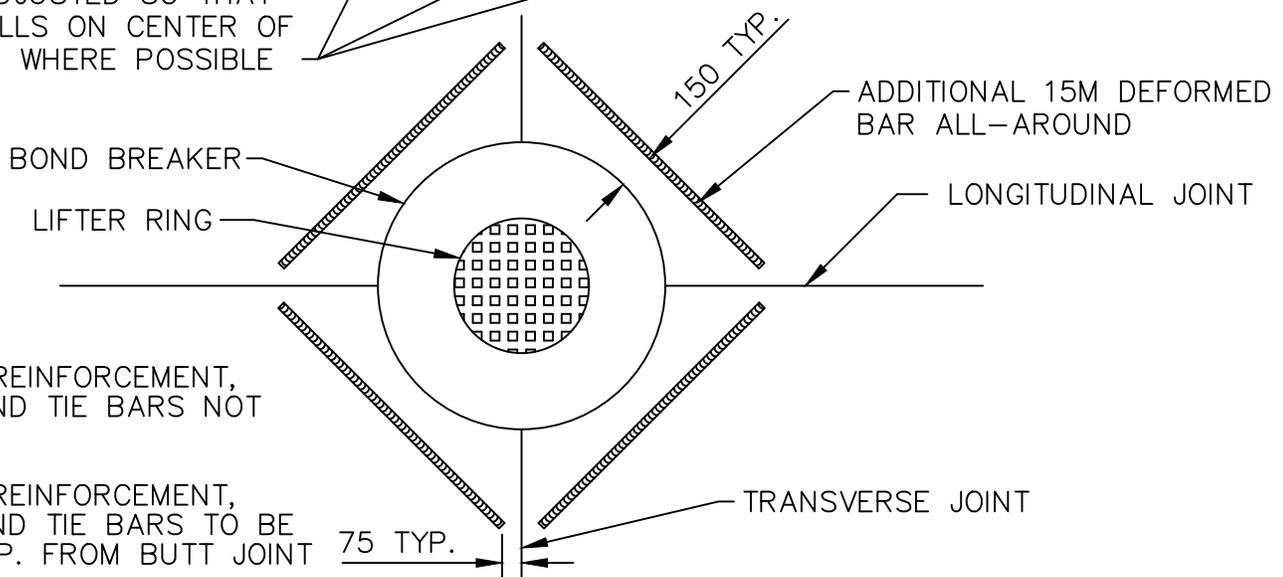
SD-218B



|  |                     |                          |                  |
|--|---------------------|--------------------------|------------------|
| <br><b>THE CITY OF WINNIPEG</b><br>PUBLIC WORKS DEPARTMENT | Revisions           |                          |                  |
|  |                     |                          |                  |
| Reference Spec No.<br>CW 3230, CW 3310                     |                     |                          |                  |
| <b>TYPICAL PUBLIC LANE<br/>DETAILS</b>                     | 1.                  | OCT 24                   | GENERAL REVISION |
|  | No.                 | Date                     | Description      |
|  | By                  | By                       | By               |
|  | R.B.                | R.B.                     | R.B.             |
| Designed By:<br>S.L.W.L.                                   | Drawn By:<br>R.B.   | Scale :<br><b>N.T.S.</b> |                  |
| Checked By:<br>A.G.  | Date:<br>2025-12-15 | Drawing No.              |                  |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH                    |                     |                          | SD-219           |



TRANSVERSE JOINT SPACING TO BE ADJUSTED SO THAT JOINT FALLS ON CENTER OF MANHOLE WHERE POSSIBLE

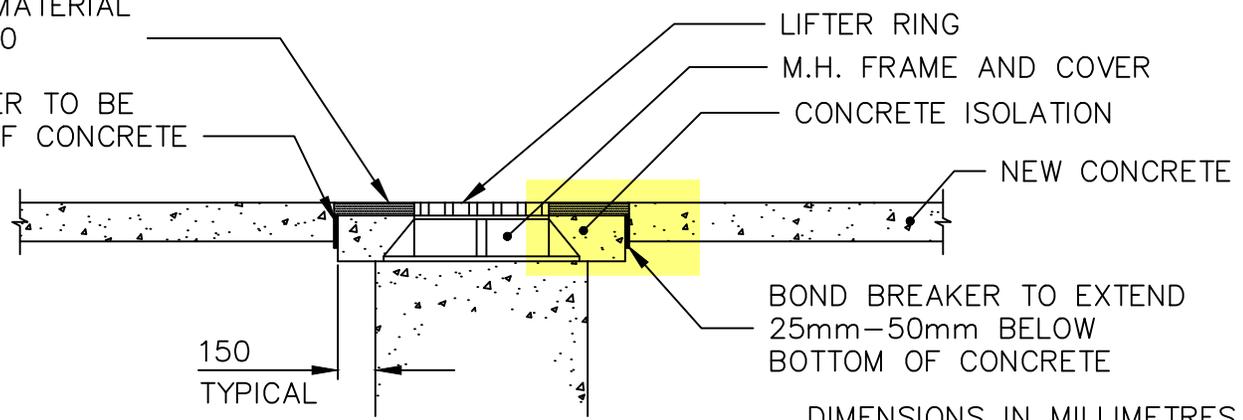


NOTE:

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

ASPHALT MATERIAL MINIMUM 50

BOND BREAKER TO BE BELOW TOP OF CONCRETE AND SEALED



DIMENSIONS IN MILLIMETRES



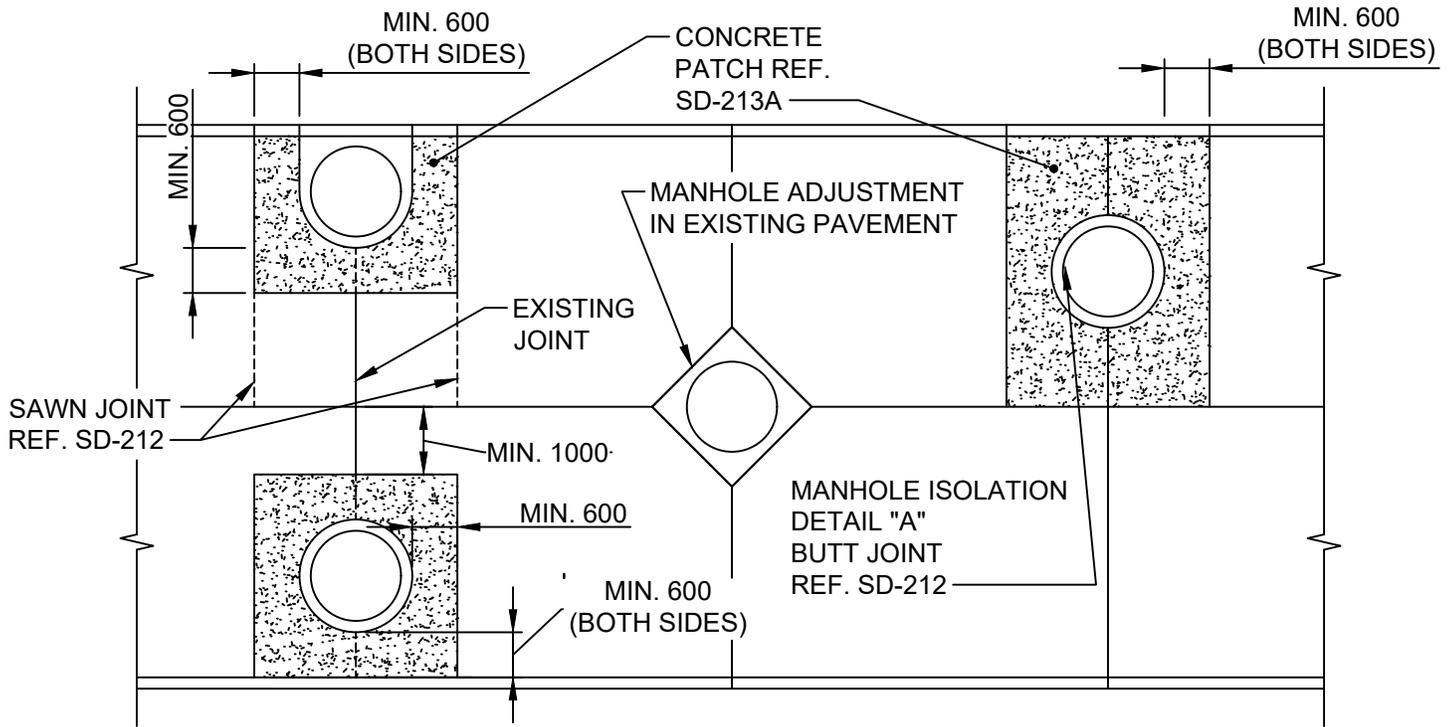
**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec No.  
CW 3310

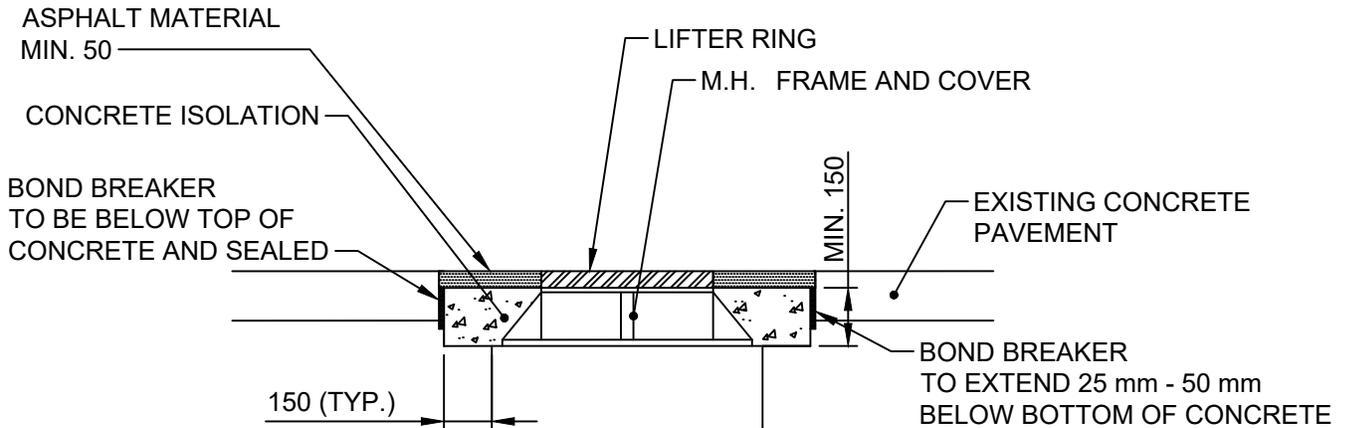
| Revisions |        |                  |        |
|-----------|--------|------------------|--------|
| No.       | Date   | Description      | By     |
| 2.        | DEC 25 | GENERAL REVISION | A.G.   |
| 1.        | JAN 03 | GENERAL REVISION | L.W.B. |

MANHOLE ISOLATION  
DETAIL FOR CONCRETE  
PAVEMENTS

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



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



**DETAIL "A"**

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

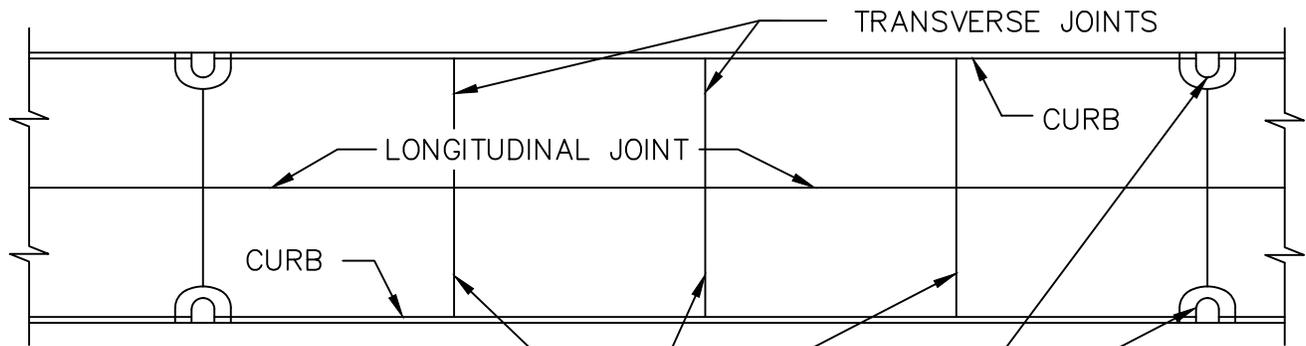
Reference Spec. No.  
CW 3210, CW 3230, CW 3310

Revisions

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

MANHOLE ISOLATION DETAIL  
IN EXISTING PAVEMENTS

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

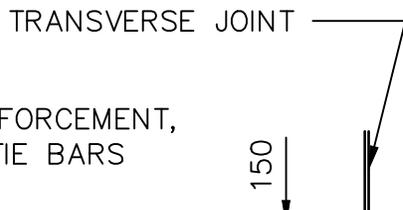


TRANSVERSE JOINT SPACING TO BE ADJUSTED SO THAT JOINT FALLS ON CENTRE OF CURB AND GUTTER INLET ISOLATION

CURB AND GUTTER INLETS

NOTE:

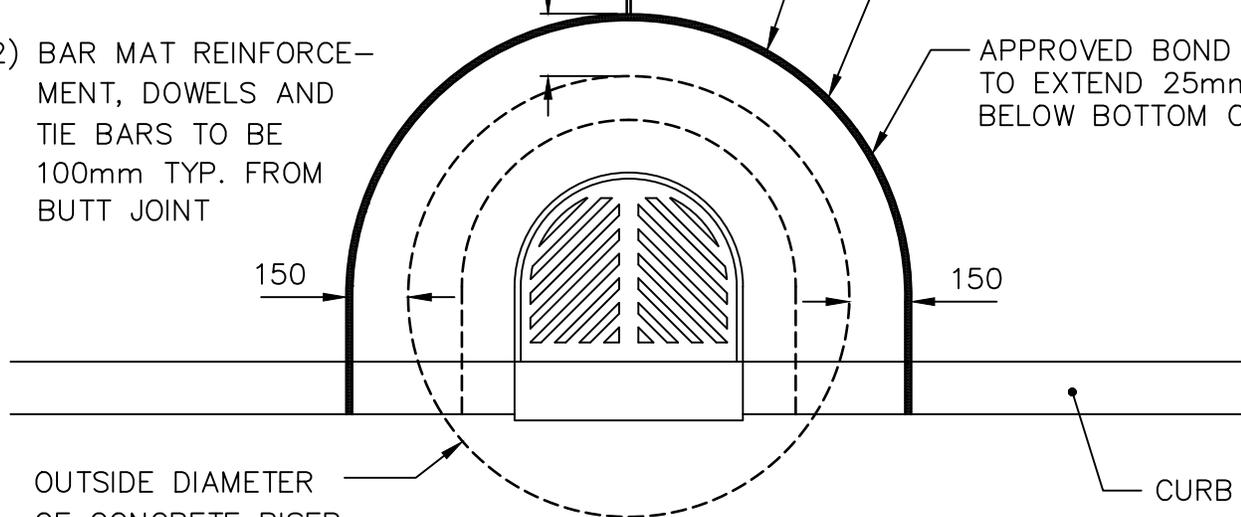
- 1) BAR MAT REINFORCEMENT, DOWELS AND TIE BARS NOT SHOWN
- 2) BAR MAT REINFORCEMENT, DOWELS AND TIE BARS TO BE 100mm TYP. FROM BUTT JOINT



BUTT JOINT ALL AROUND REF. SD-212

APPROVED BOND BREAKER TO BE BELOW TOP OF CONC. AND SEALED

APPROVED BOND BREAKER TO EXTEND 25mm-50mm BELOW BOTTOM OF CONC.



DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

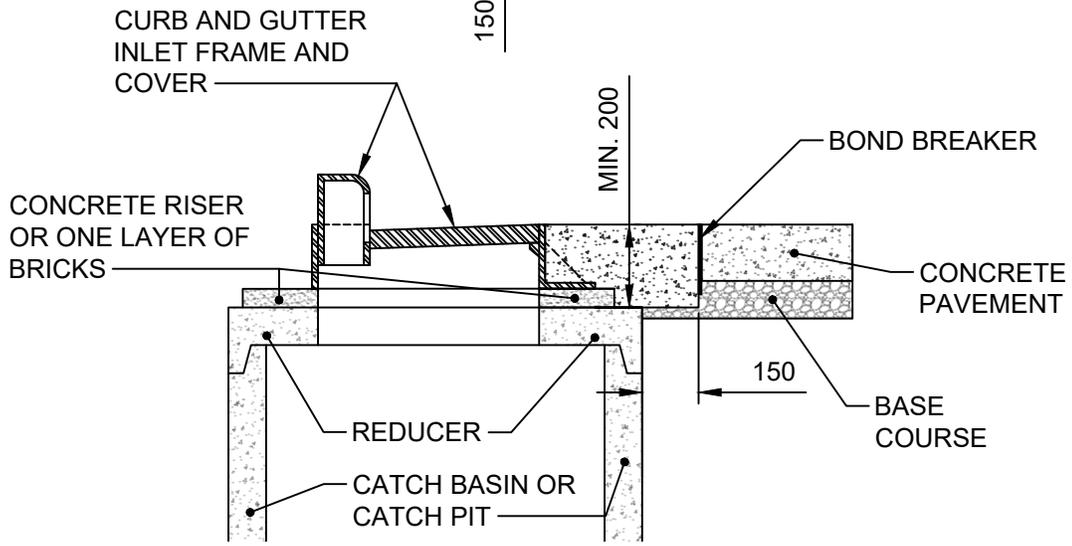
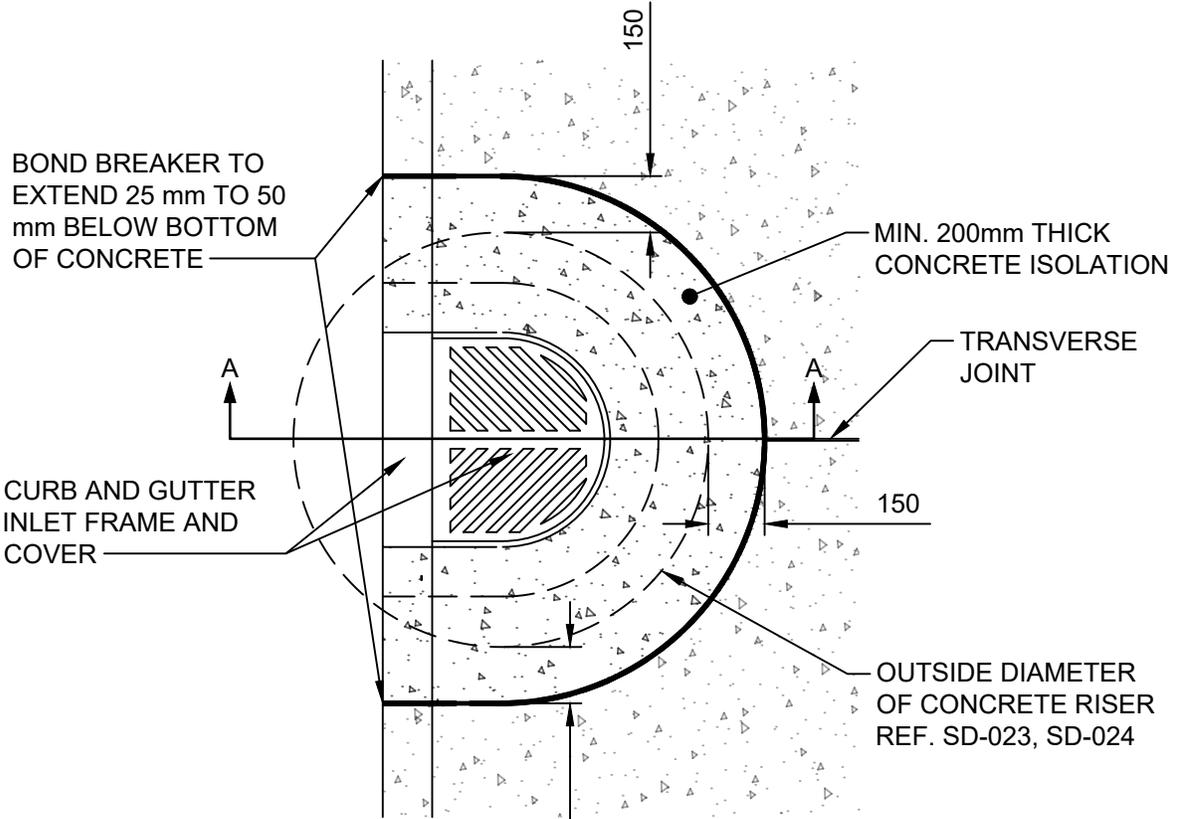
Reference Spec. No.  
CW 3210, CW 3230, CW 3310

Revisions

| No. | Date   | Description         | By   |
|-----|--------|---------------------|------|
| 1.  | DEC 25 | ADDED ROUNDED FRAME | T.K. |

CURB AND GUTTER INLET  
ISOLATION DETAIL

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



**SECTION A-A**

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

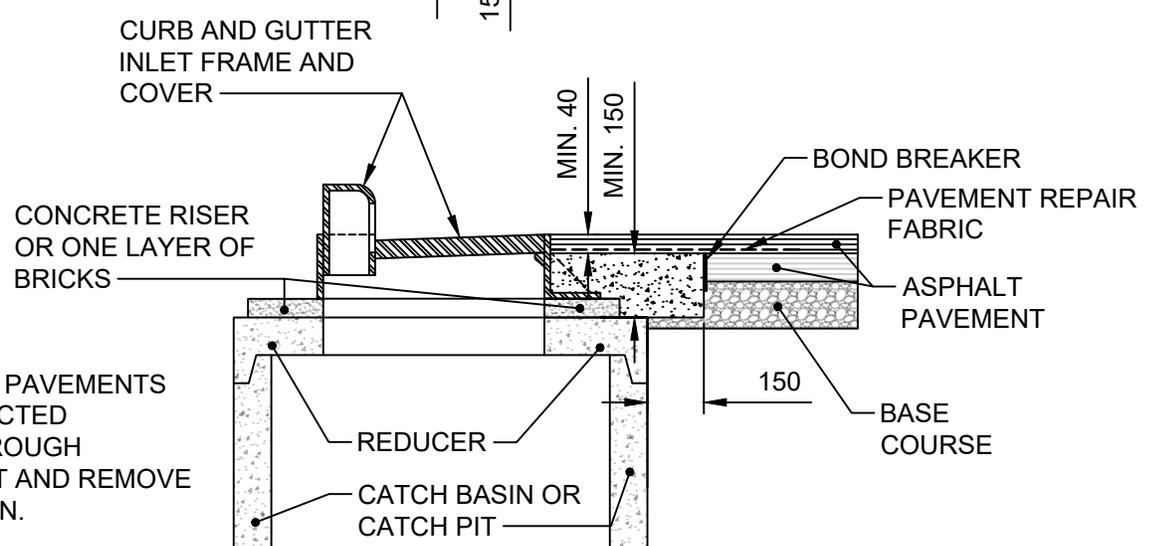
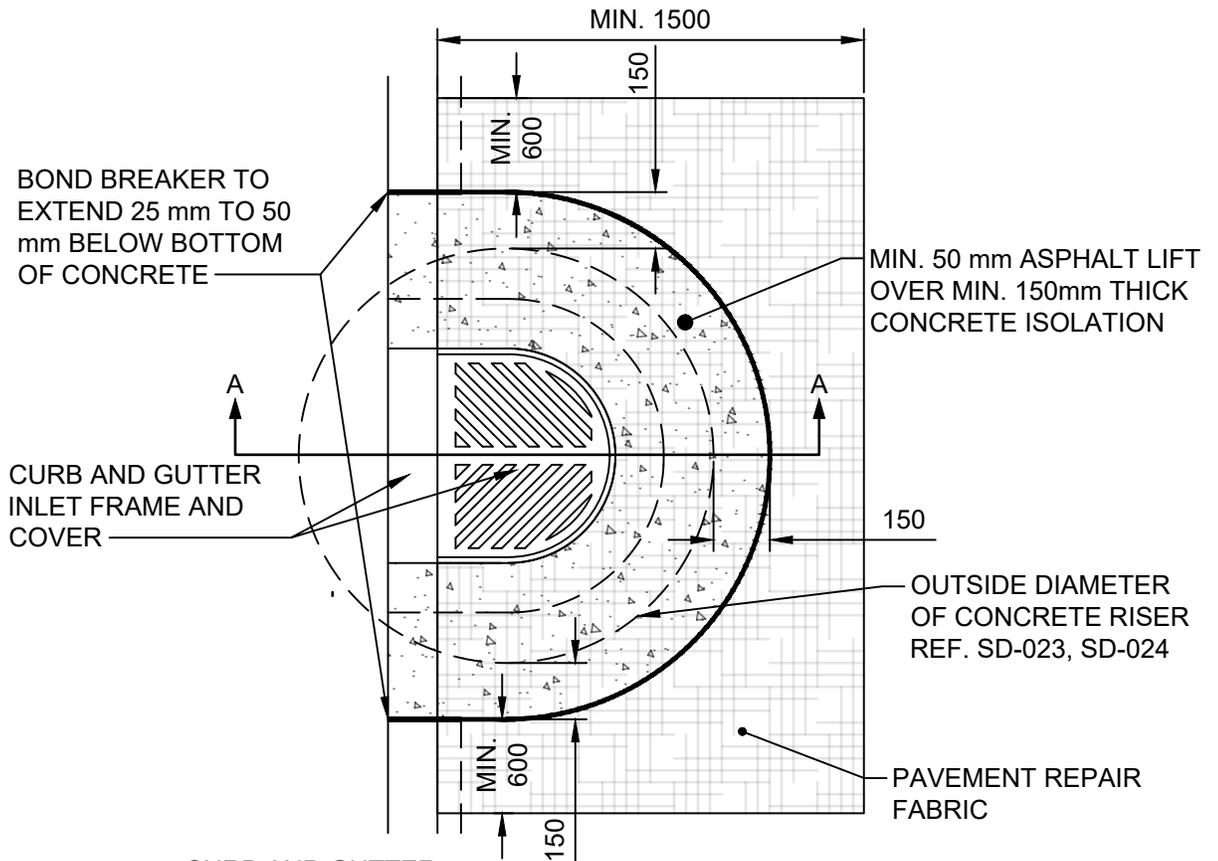
Reference Spec. No.  
CW 3325

| Revisions |  |  |  |
|-----------|--|--|--|
|           |  |  |  |
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|           |  |  |  |
|           |  |  |  |

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

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

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



**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

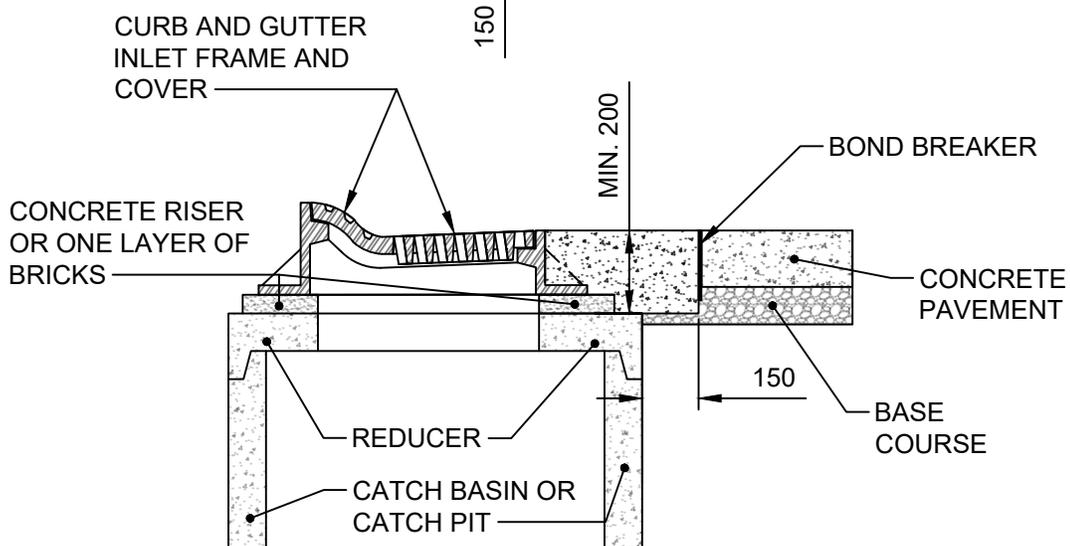
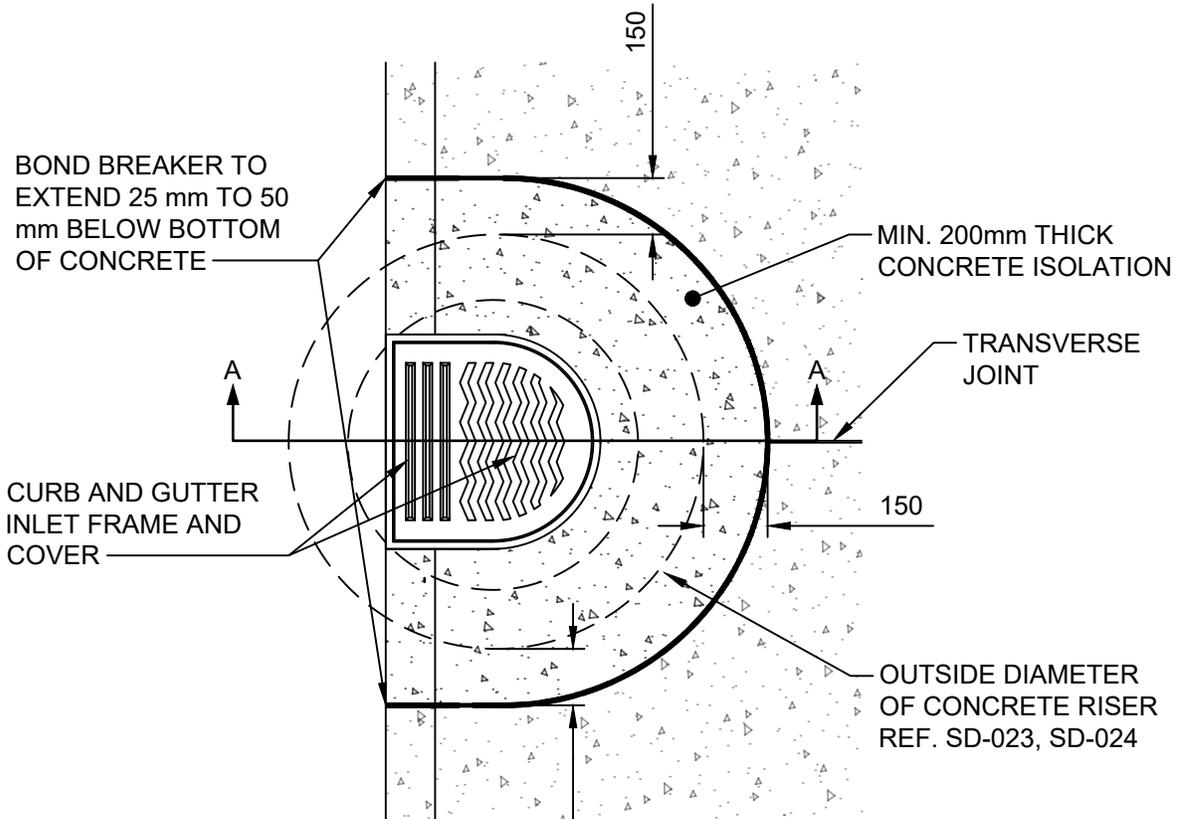
Reference Spec. No.  
CW 3325

| Revisions |  |  |  |
|-----------|--|--|--|
|           |  |  |  |
|           |  |  |  |
|           |  |  |  |
|           |  |  |  |

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

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

|   |                     |                        |
|---|---------------------|------------------------|
| Designed By:<br>A.G.                    | Drawn By:<br>T.K.   | Scale :<br>N.T.S.      |
| Checked By:<br>B.K.                     | Date:<br>2025-12-15 | Drawing No.<br>SD-220E |
| Approved:<br>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 |
|-----|------|-------------|----|
|     |      |             |    |
|     |      |             |    |
|     |      |             |    |

LIP CURB AND GUTTER INLET  
ISOLATION DETAIL FOR EXPOSED  
CONCRETE PAVEMENTS

Designed By:  
A.G.

Drawn By:  
T.K.

Scale :  
N.T.S.

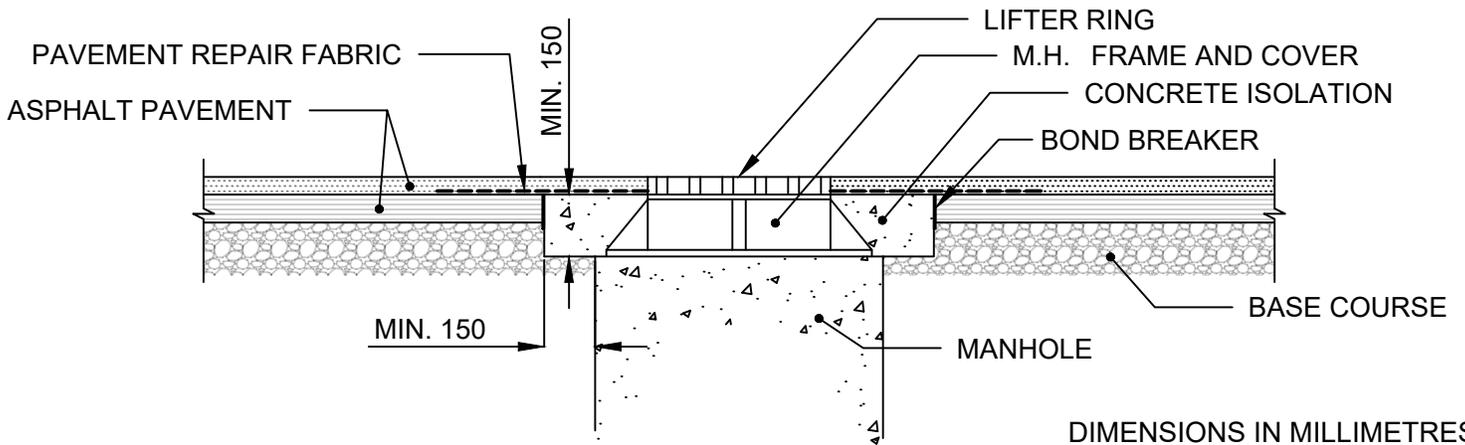
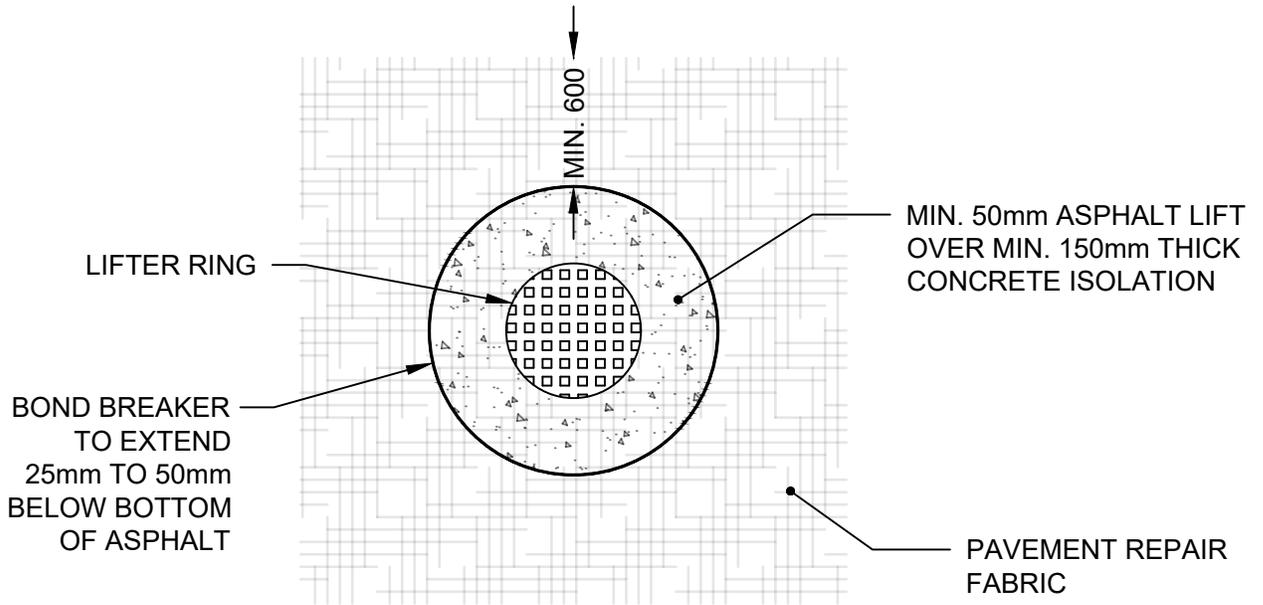
Checked By:  
B.K.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-220F



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

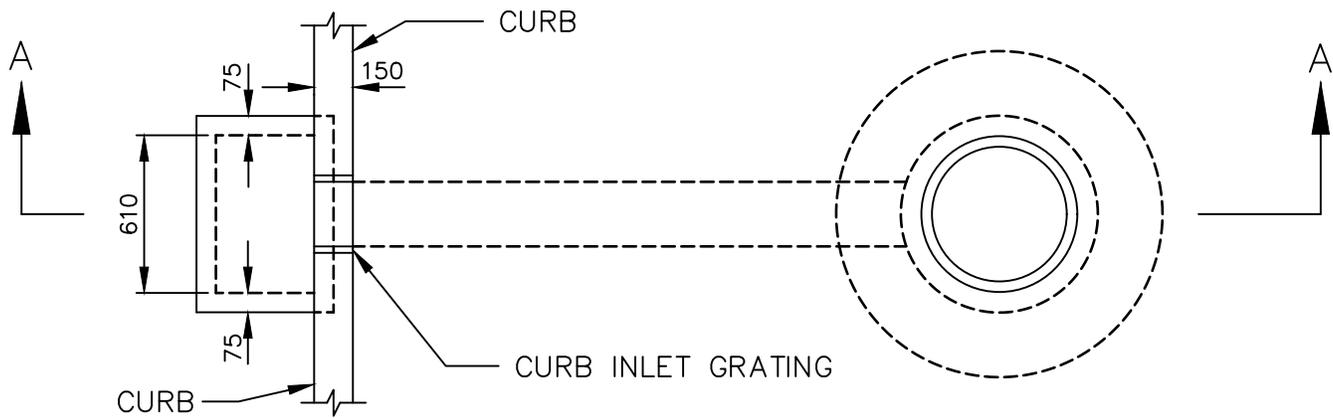
Reference Spec No.  
CW 3310

**MANHOLE ISOLATION  
DETAIL FOR ASPHALT  
PAVEMENTS**

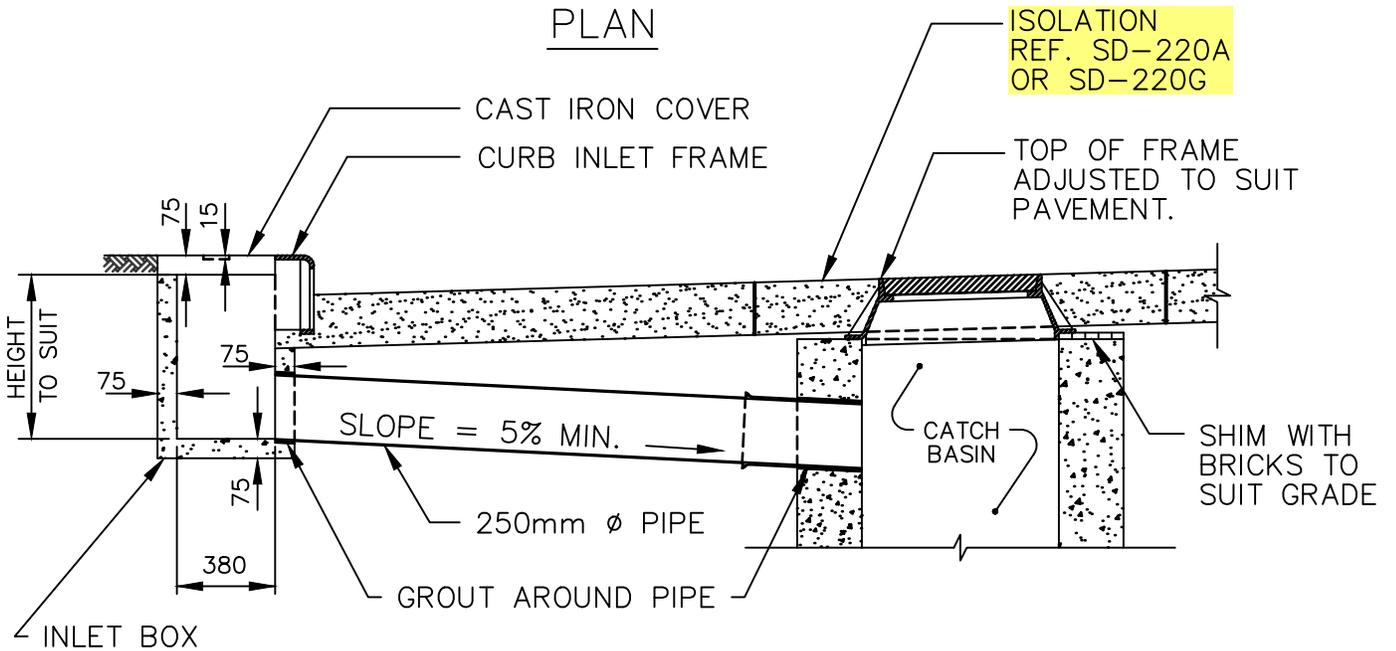
Revisions

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

|   |                    |                        |
|---|--------------------|------------------------|
| Designed By:<br>A.G.                    | Drawn By:<br>T.K.  | Scale :<br>N.T.S.      |
| Checked By:<br>B.K.                     | Date:<br>2026-1-15 | Drawing No.<br>SD-220G |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                    |                        |



PLAN



SECTION A-A

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.
- 3) IF PIPE IS BELOW SUBGRADE ELEVATION, PLACE CLASS 2 FILL TO SUBGRADE ELEVATION.

DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

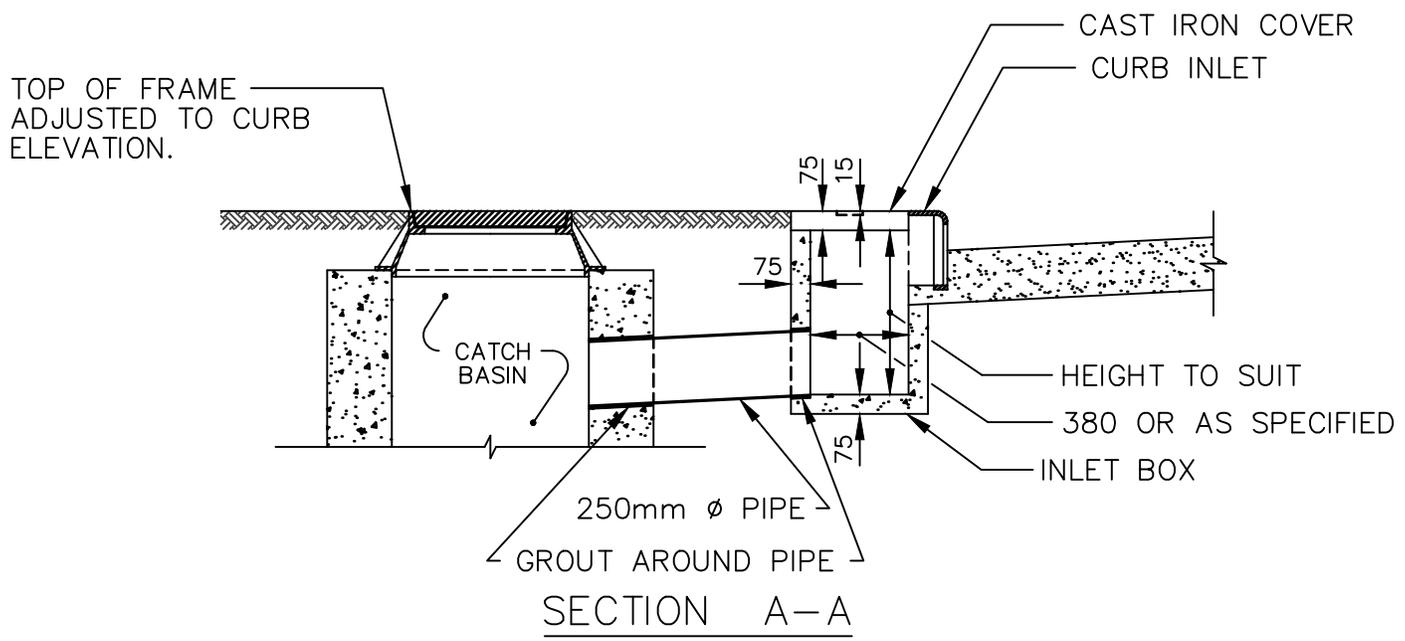
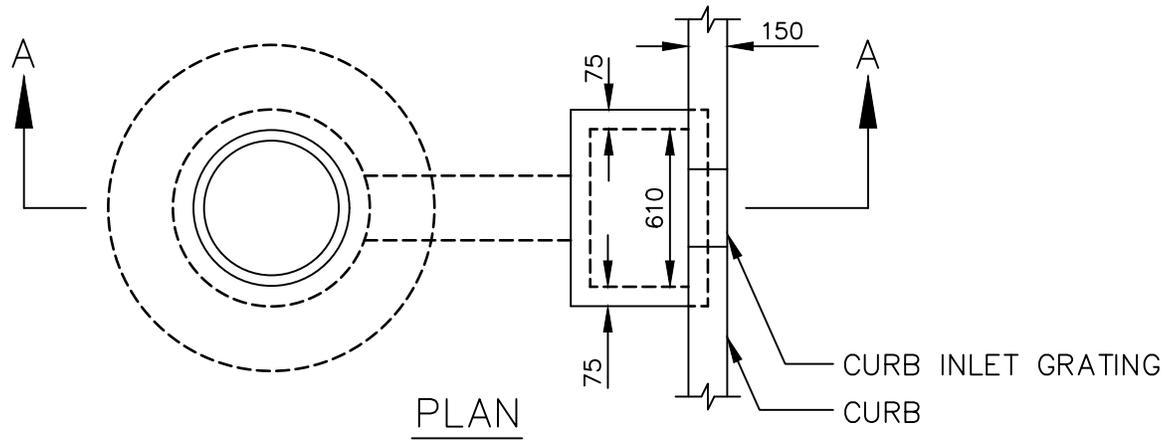
Reference Spec. No.  
CW 3210, CW 3310, **CW 3410**

Revisions

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

CURB INLET WITH  
CATCH BASIN IN PAVEMENT

|   |                     |                       |
|---|---------------------|-----------------------|
| Designed By:<br>L.S.W.L.                | Drawn By:<br>H.N.   | Scale :<br>N.T.S.     |
| Checked By:<br>D.W.D./Z.L.R.            | Date:<br>2025-12-15 | Drawing No.<br>SD-221 |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     |                       |

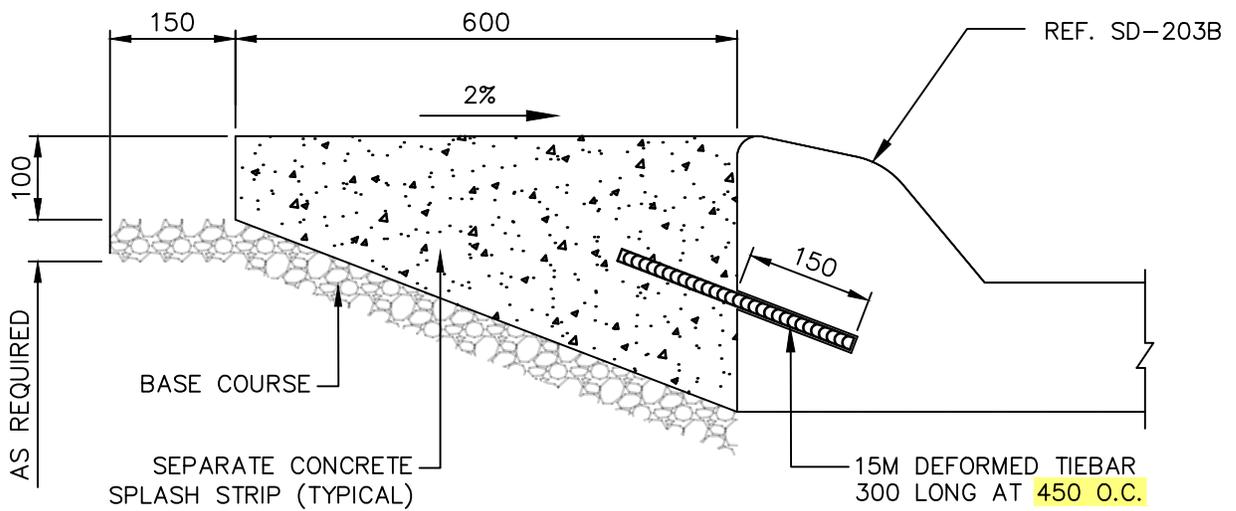
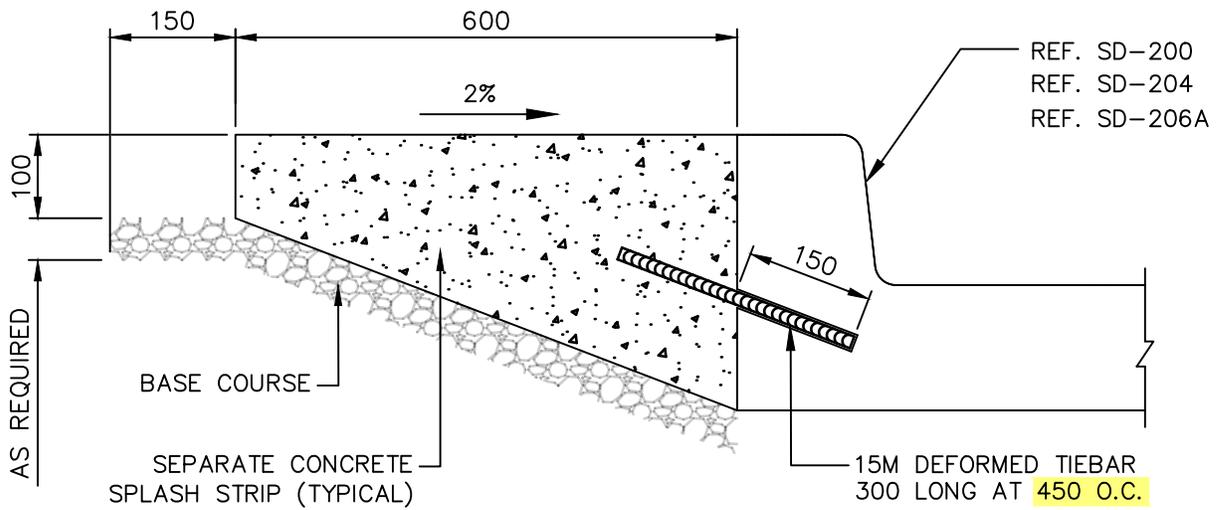


**NOTE**

- 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

|  |   |        |                     |                       |
|--|---|--------|---------------------|-----------------------|
| <b>THE CITY OF WINNIPEG</b><br>PUBLIC WORKS DEPARTMENT | Revisions                               |        |                     |                       |
|  |   |        |                     |                       |
| Reference Spec. No.<br>CW 3210                         | 1.                                      | JAN 26 | GENERAL REVISION    | A.G.                  |
|  | No.                                     | Date   | Description         | By                    |
| <b>CURB INLET WITH<br/>CATCH BASIN IN BOULEVARD</b>    | Designed By:<br>L.S.W.L.                |        | Drawn By:<br>G.F.N. | Scale :<br>N.T.S.     |
|  | Checked By:<br>L.S.W.L.                 |        | Date:<br>2025-12-15 | Drawing No.<br>SD-222 |
|  | Approved:<br>PAVEMENT MANAGEMENT BRANCH |        |                     |                       |



DIMENSIONS IN MILLIMETRES



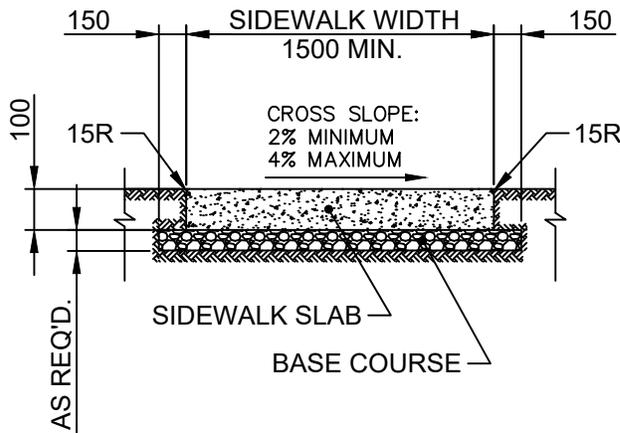
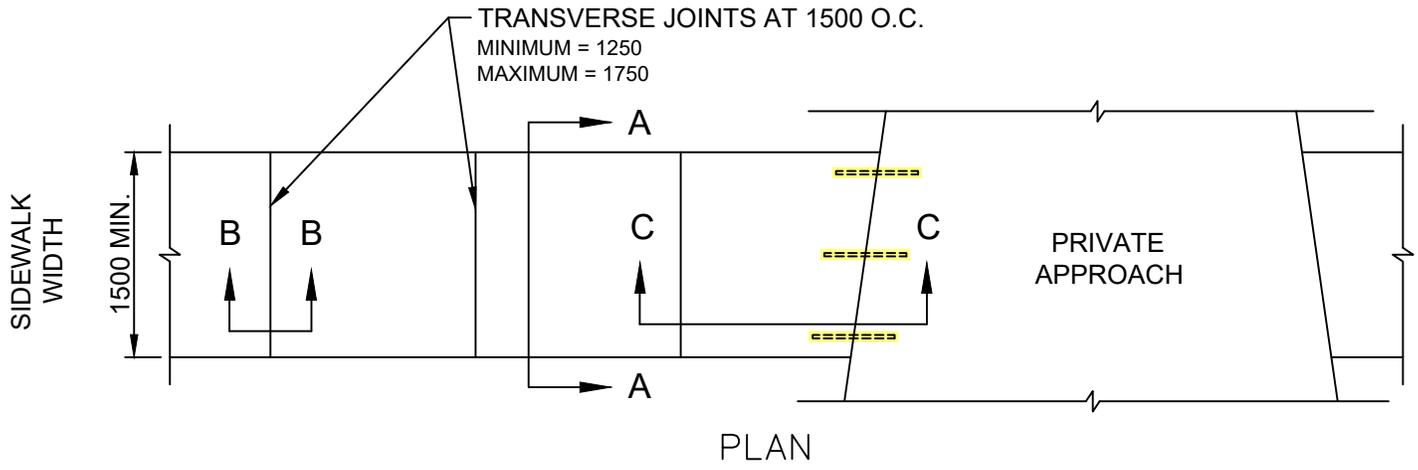
**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3310

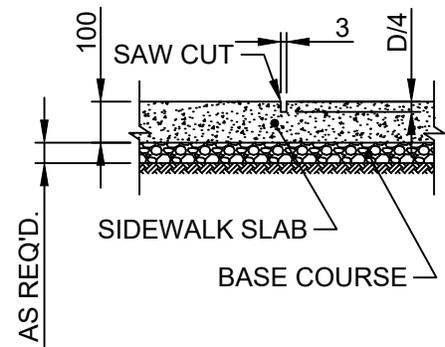
| Revisions |        |                  |      |
|-----------|--------|------------------|------|
| No.       | Date   | Description      | By   |
| 1.        | DEC 25 | GENERAL REVISION | T.K. |

SEPARATE CONCRETE  
SPLASH STRIP

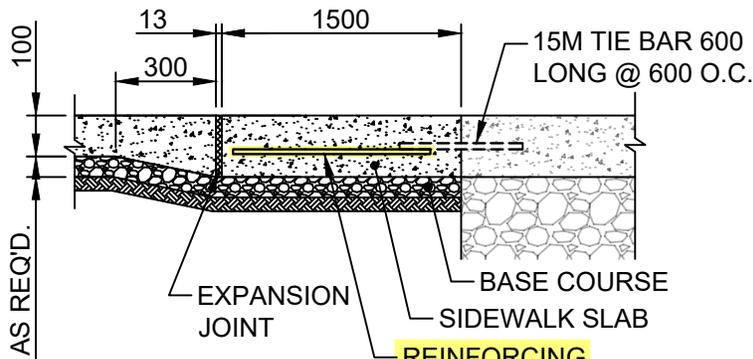
|   |                     |                   |
|---|---------------------|-------------------|
| Designed By:<br>A.G.                    | Drawn By:<br>T.K.   | Scale :<br>N.T.S. |
| Checked By:<br>B.K.                     | Date:<br>2025-12-15 | Drawing No.       |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     | SD-223B           |



SECTION A - A



SECTION B - B



SECTION C - C

REINFORCING  
REF. SD-237

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

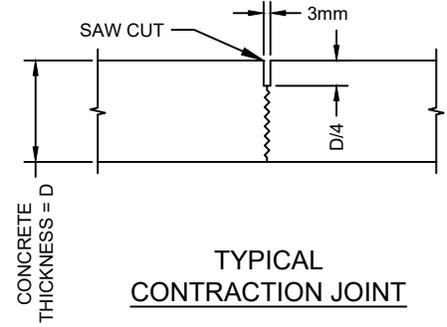
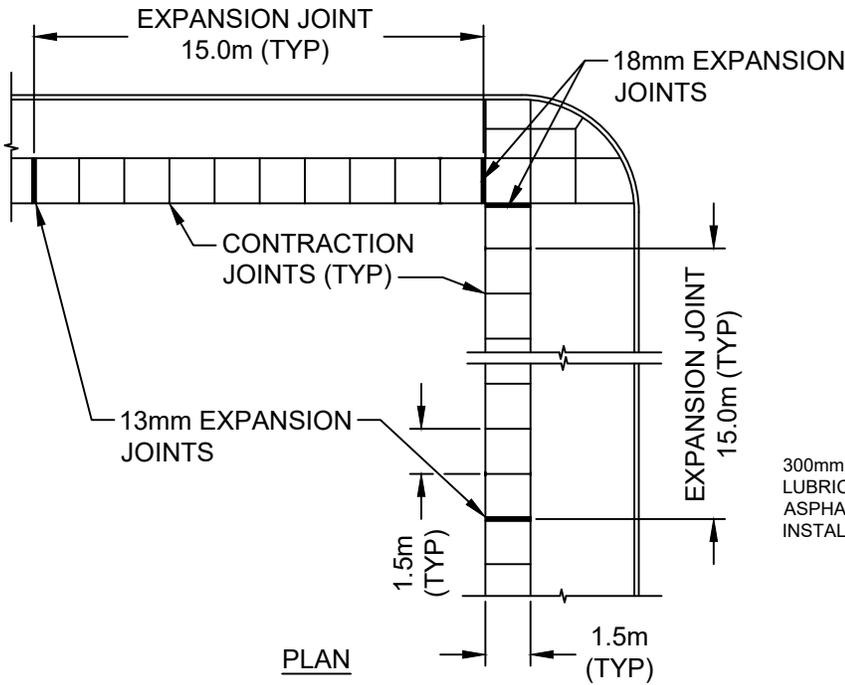


THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT

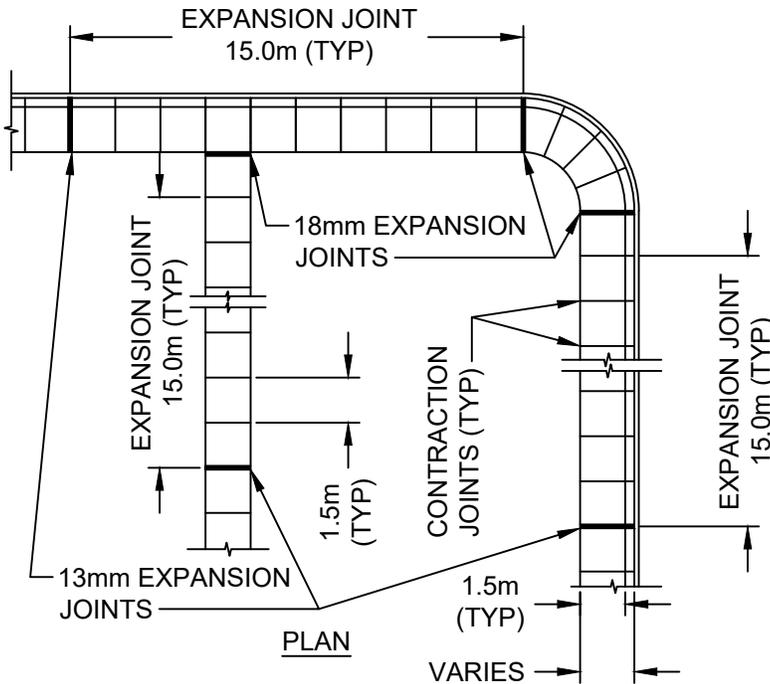
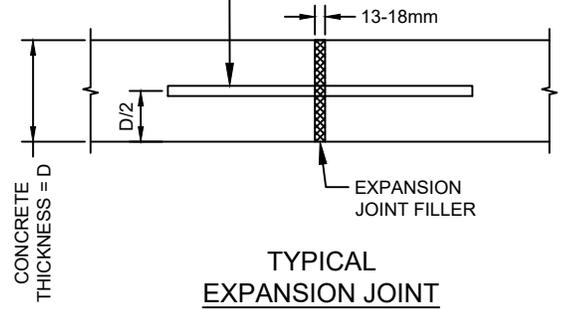
Reference Spec. No.  
CW 3235, CW 3310, CW 3325

CONCRETE SIDEWALK

| Revisions                            |        |                                |             |
|--------------------------------------|--------|--------------------------------|-------------|
| No.                                  | Date   | Description                    | By          |
| 1.                                   | DEC 25 | ADDED TIE BARS AND REINFORCING | T.K.        |
| Designed By: A.G.                    |        |                                |             |
| Drawn By: R.B.                       |        |                                |             |
| Checked By: B.K.                     |        |                                |             |
| Date: 2025-12-15                     |        |                                |             |
| Approved: PAVEMENT MANAGEMENT BRANCH |        |                                |             |
| Scale : N.T.S.                       |        |                                | Drawing No. |
|                                      |        |                                | SD-228A     |



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

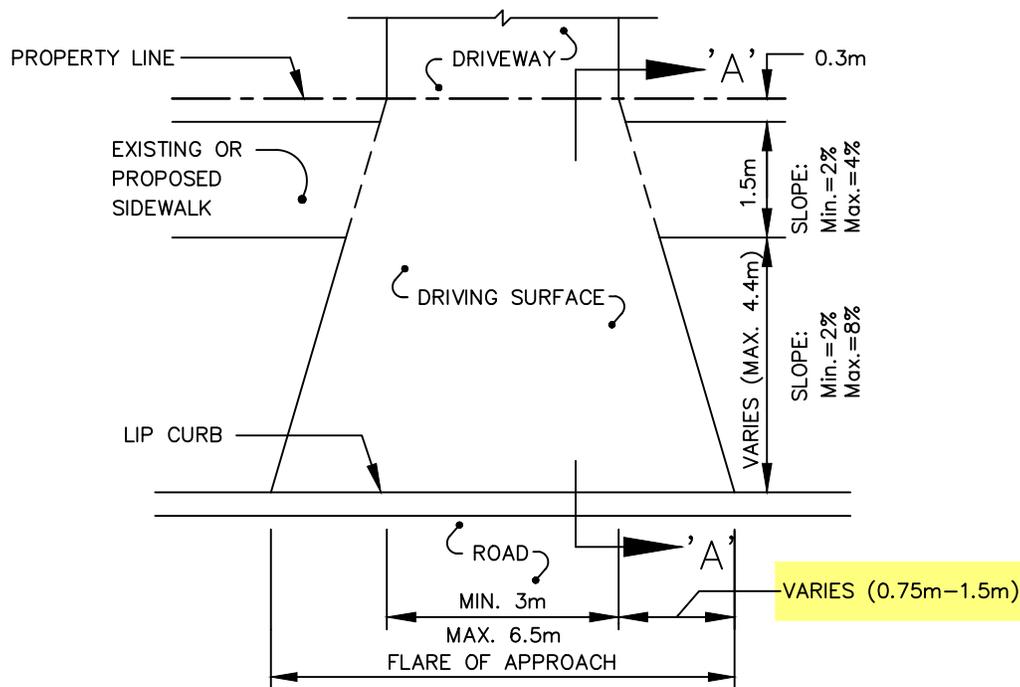
Revisions

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

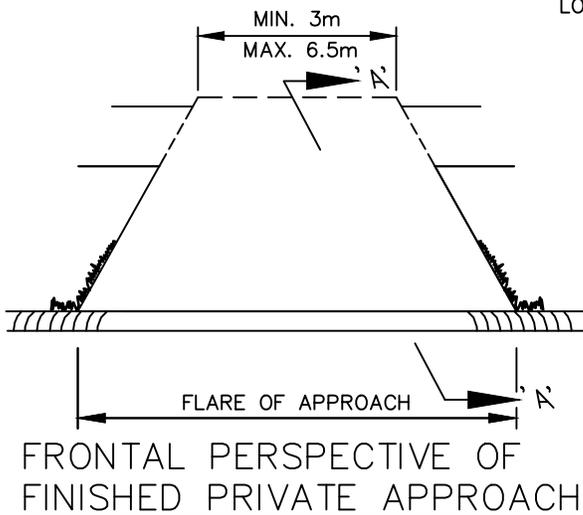
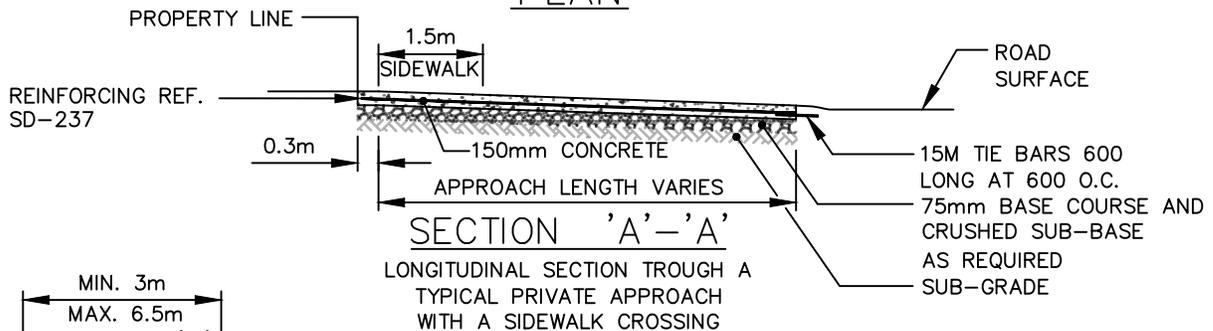
SIDEWALK EXPANSION JOINTS

|   |                     |                   |
|---|---------------------|-------------------|
| Designed By:<br>A.G.                    | Drawn By:<br>R.B.   | Scale :<br>N.T.S. |
| Checked By:<br>B.K.                     | Date:<br>2025-12-15 | Drawing No.       |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     | SD-228D           |





PLAN



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.

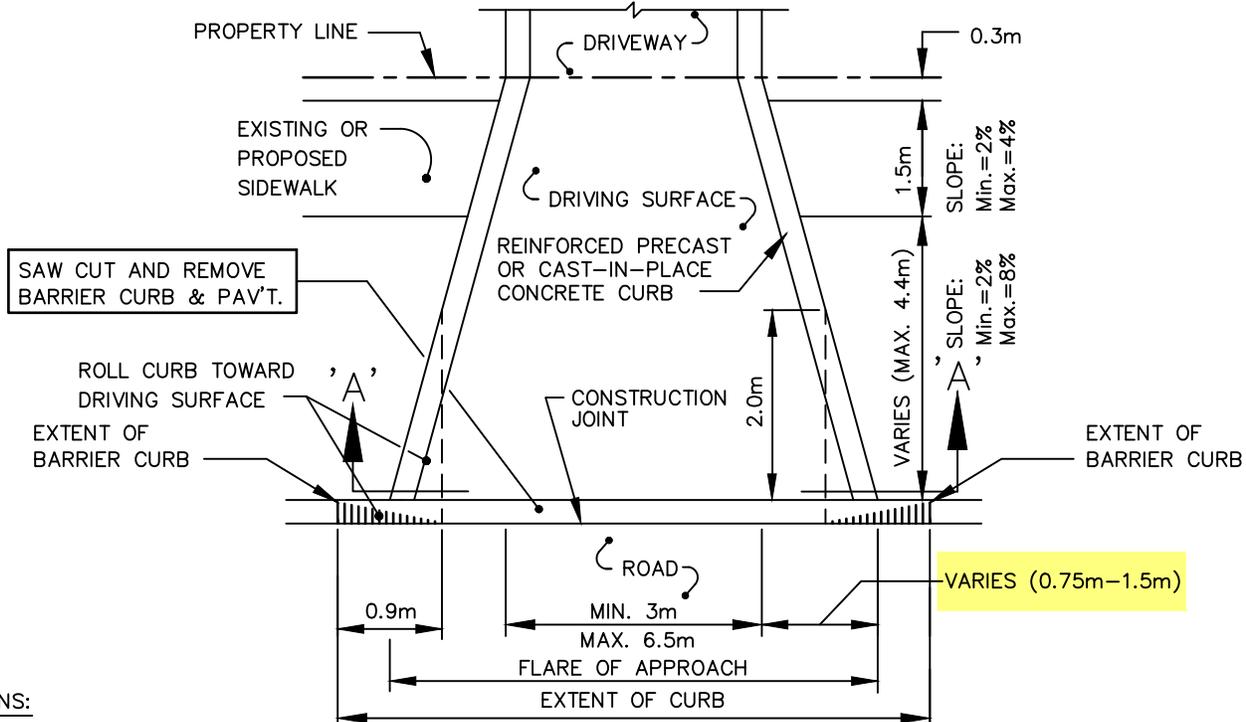
Checked By:  
B.P.

Date:  
2025-12-15

Drawing No.

Approved:  
SURFACE WORKS COMMITTEE

SD-236

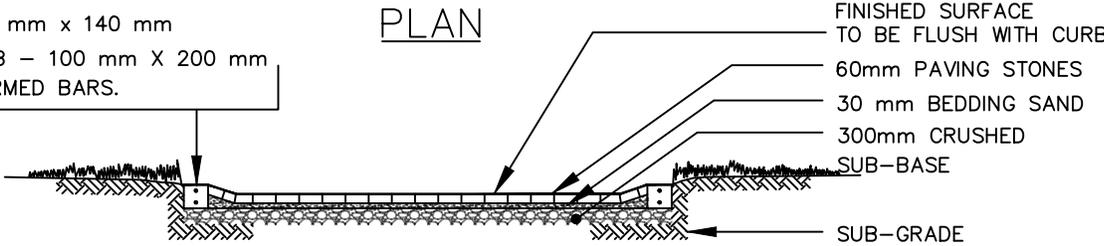


VARIES (0.75m-1.5m)

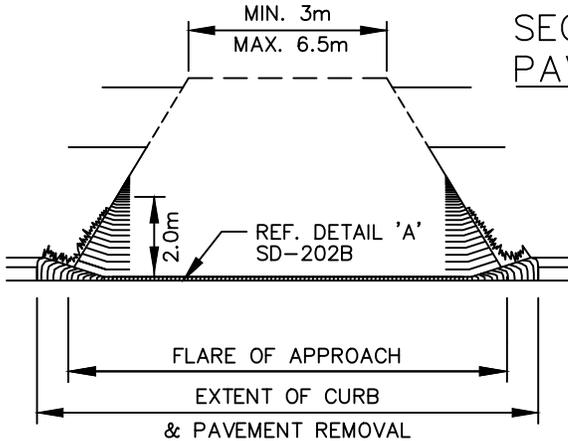
**OPTIONS:**

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.



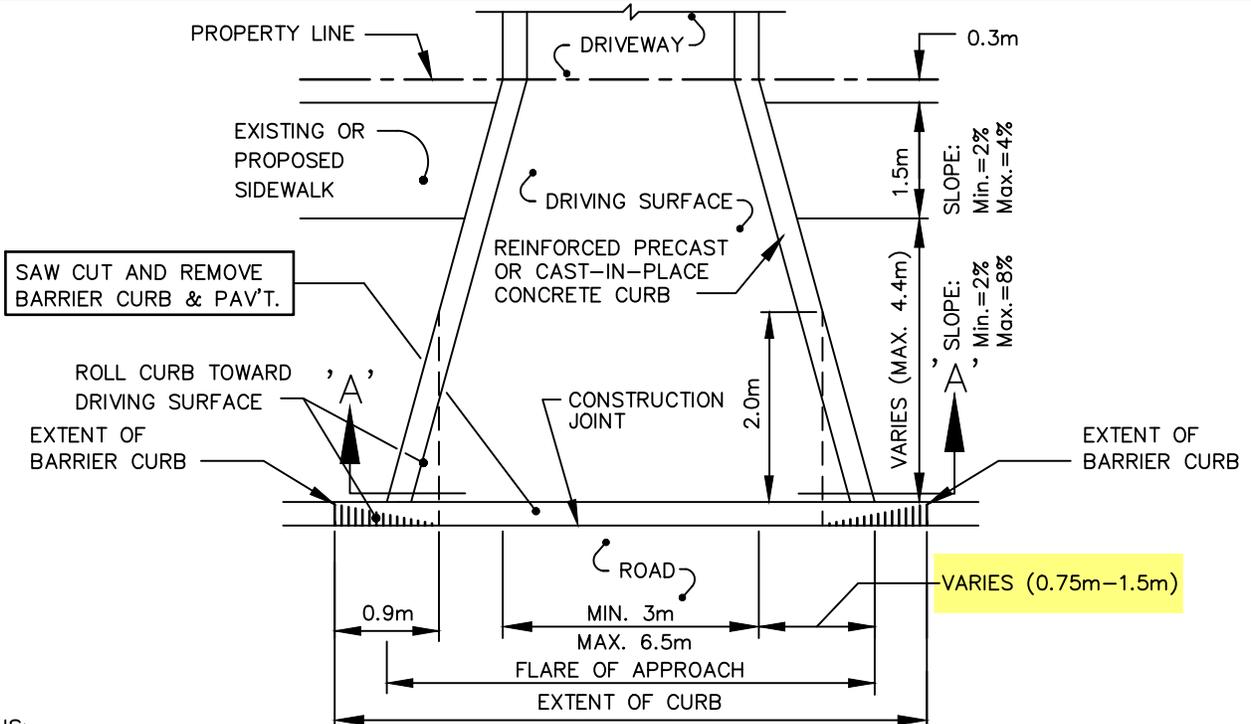
**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

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

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

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

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

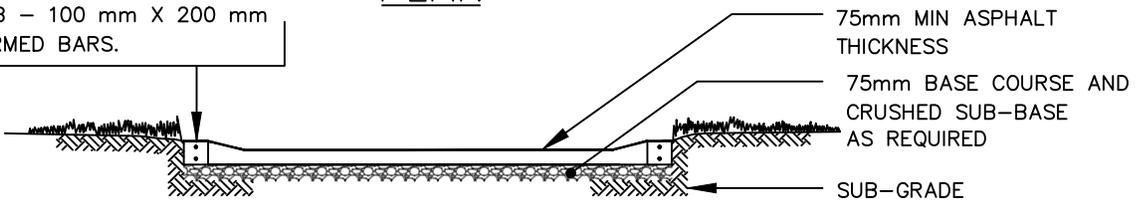


VARIES (0.75m-1.5m)

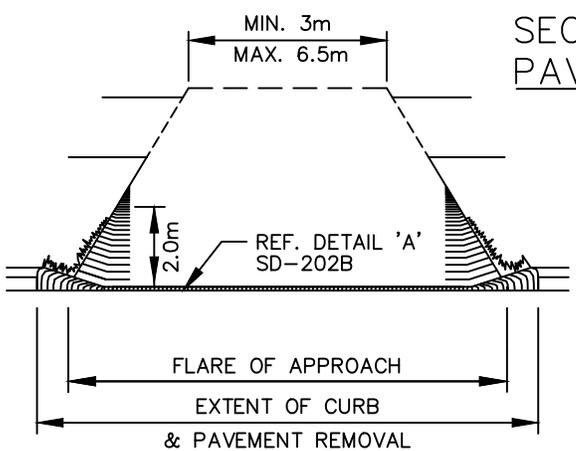
**OPTIONS:**

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

**PLAN**



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



**NOTES:**

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

**FRONTAL PERSPECTIVE OF FINISHED PRIVATE APPROACH**



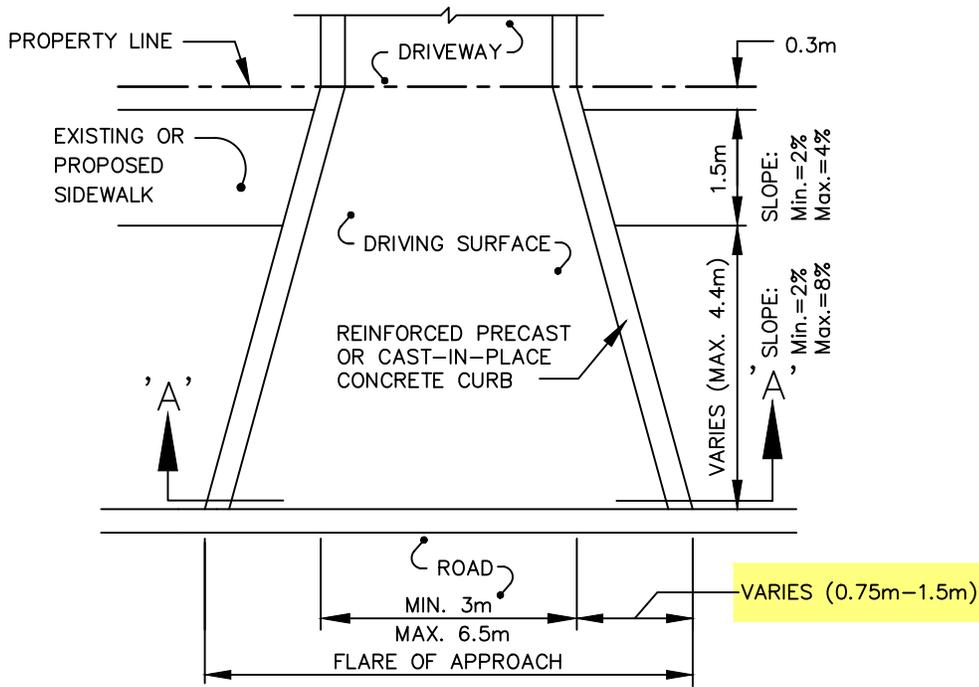
**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

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. |

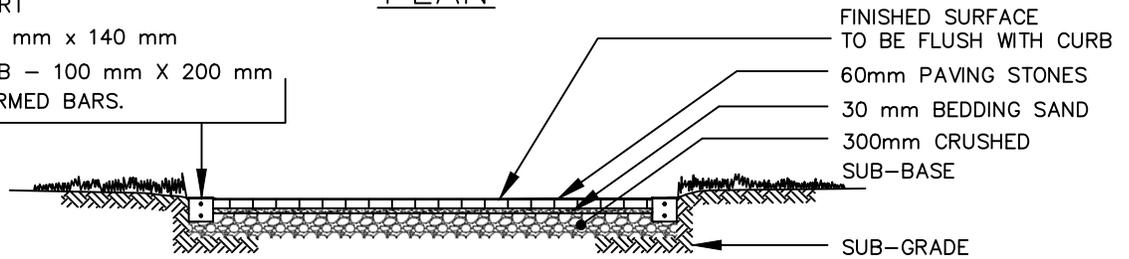
**RESIDENTIAL APPROACH-ASPHALT**  
(WITH EXISTING BARRIER CURB)

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

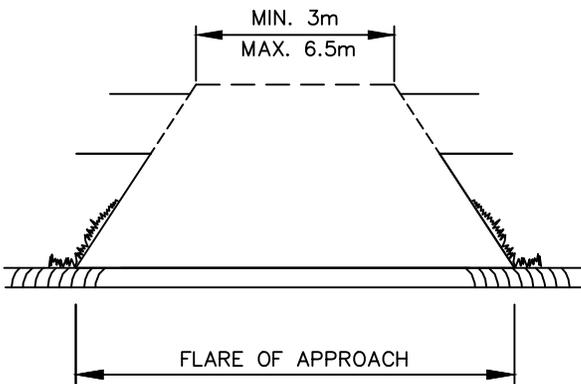


**OPTIONS:**

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.



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



**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.



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

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

**Revisions**

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

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

Designed By:  
L.S.W.L.

Drawn By:  
T.K.

Scale :  
N.T.S.

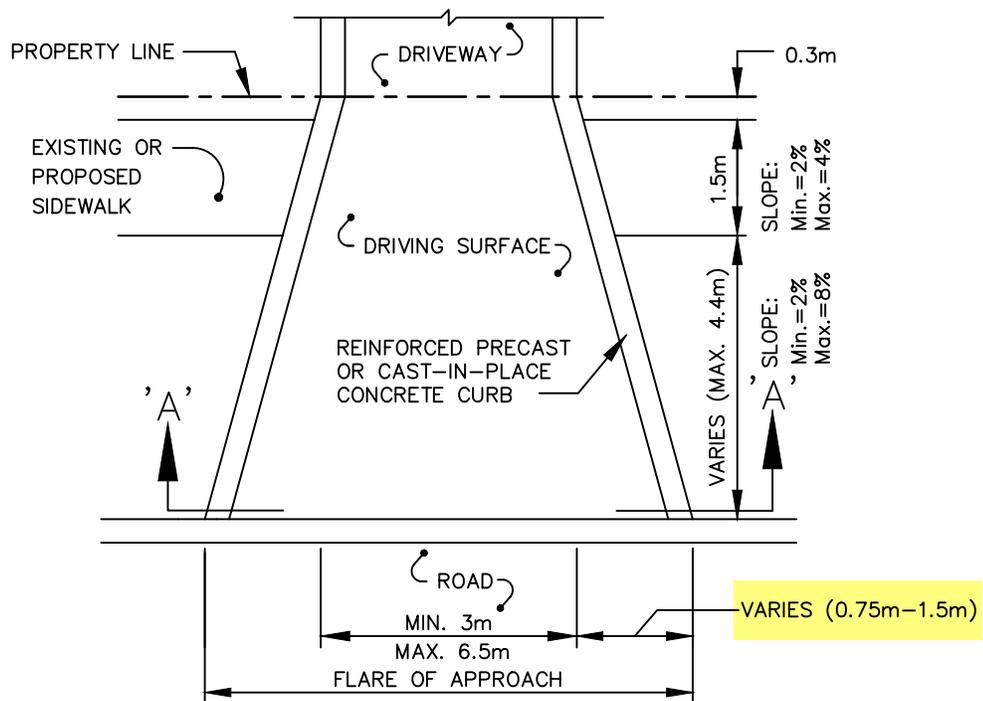
Checked By:  
D.R.K.

Date:  
2025-12-15

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

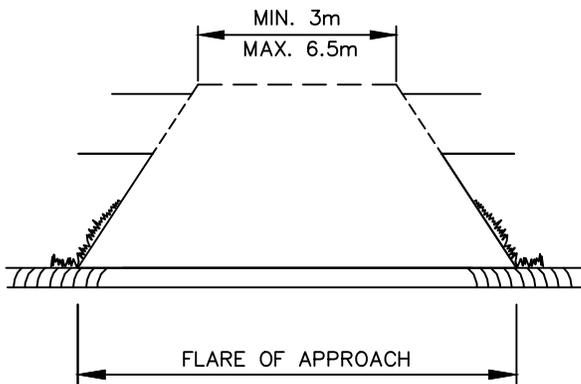
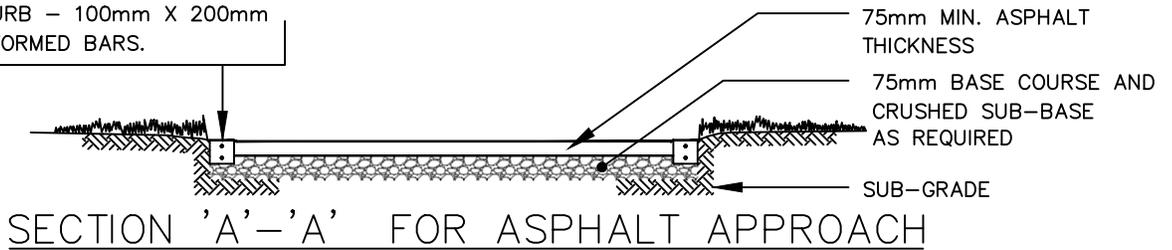
SD-238A



PLAN

OPTIONS:

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



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.



THE CITY OF WINNIPEG  
PUBLIC WORKS DEPARTMENT

Reference Spec. No.  
CW 3230, 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 LIP CURB)

Designed By:  
L.S.W.L.

Drawn By:  
T.K.

Scale :  
N.T.S.

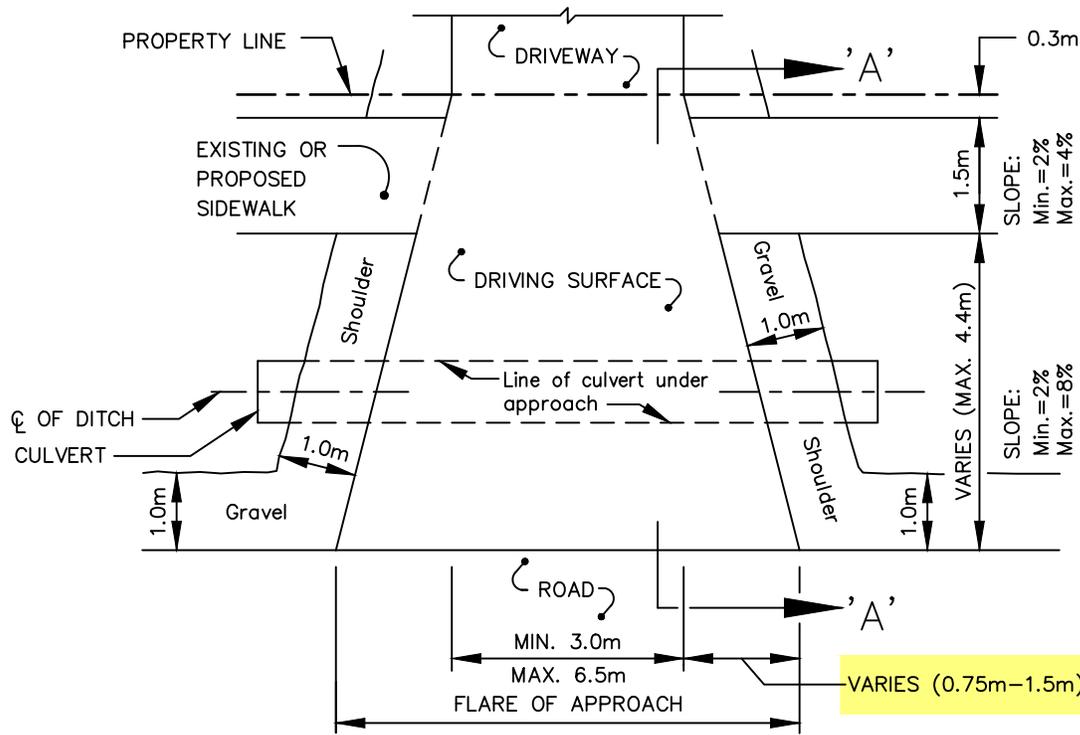
Checked By:  
D.R.K.

Date:  
2025-12-15

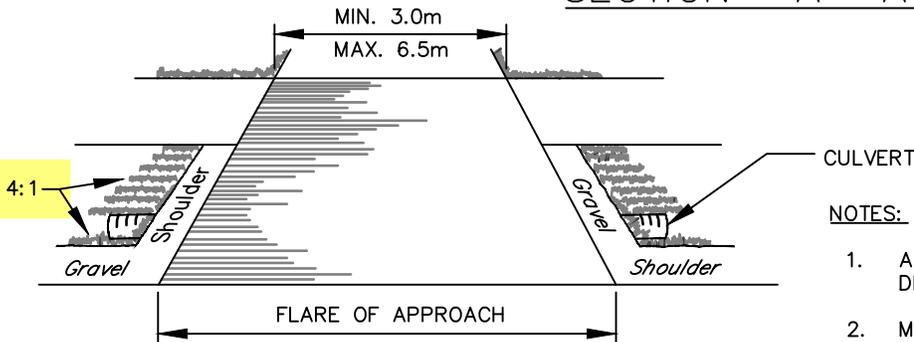
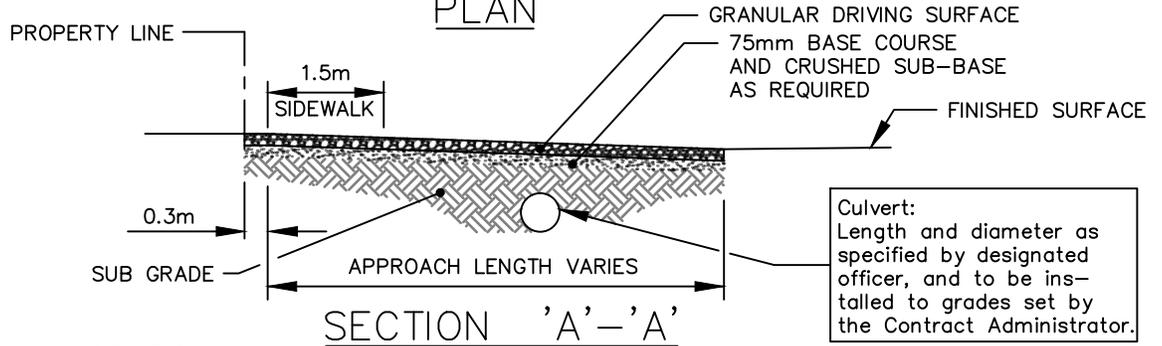
Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-238B



PLAN



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

Revisions

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

RESIDENTIAL APPROACH – WITH  
DITCH DRAINAGE

Designed By:  
B.P.

Drawn By:  
T.K.

Scale :  
N.T.S.

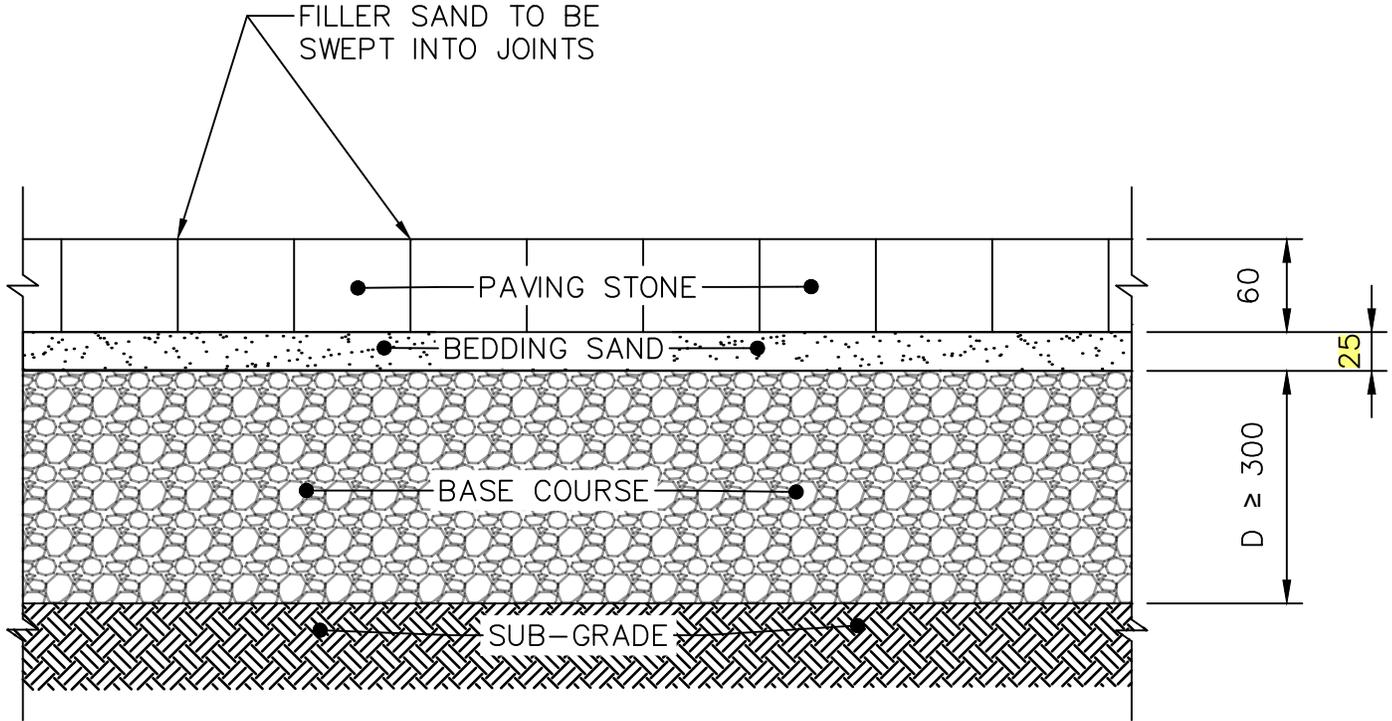
Checked By:  
B.P.

Date:  
2025-05-12

Drawing No.

Approved:  
PAVEMENT MANAGEMENT BRANCH

SD-239



DIMENSIONS IN MILLIMETRES



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

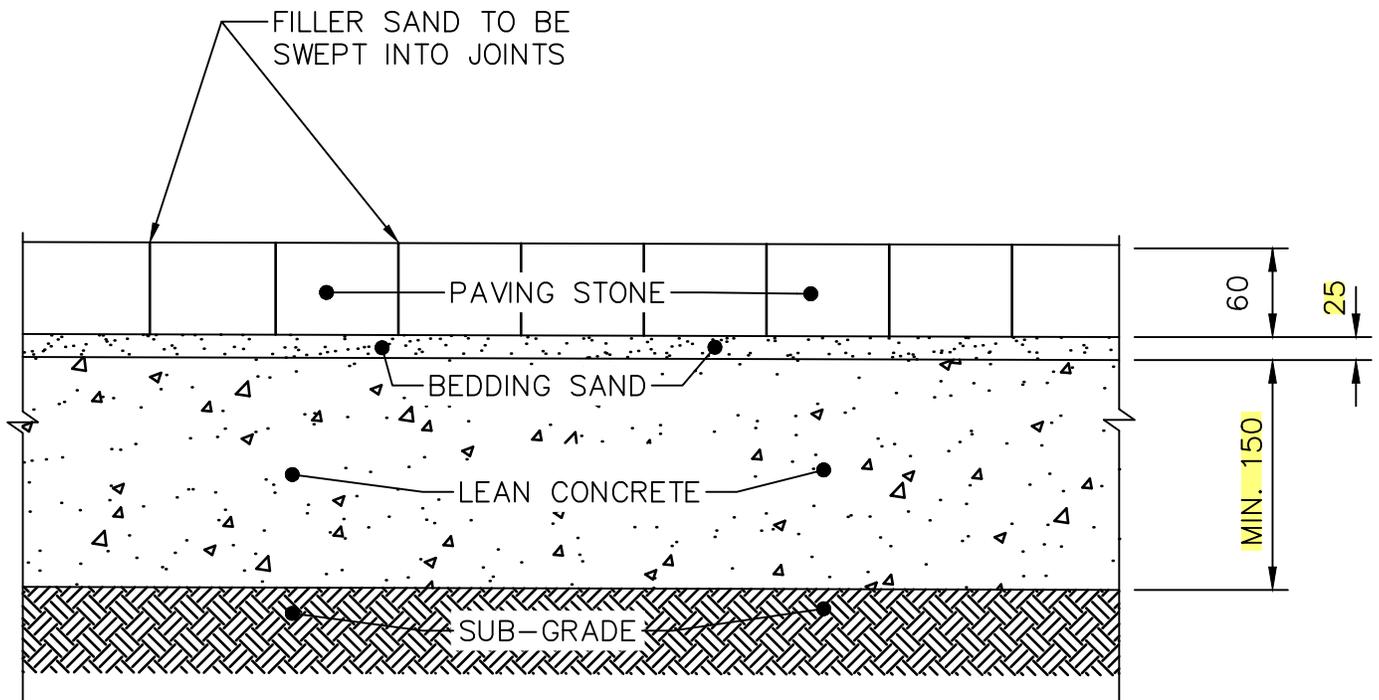
Reference Spec. No.  
CW 3110, CW 3330

Revisions

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

INTERLOCKING PAVING STONE DETAIL  
FOR RESIDENTIAL APPROACHES

|   |                     |                        |
|---|---------------------|------------------------|
| Designed By:<br>A.G.                    | Drawn By:<br>R.B.   | Scale :<br>N.T.S.      |
| Checked By:<br>B.K.                     | Date:<br>2025-12-15 | Drawing No.<br>SD-240A |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     |                        |



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:<br>Z.V.K.                  | Drawn By:<br>R.B.   | Scale :<br>N.T.S. |
| Checked By:<br>L.S.W.L.                 | Date:<br>2025-12-15 | Drawing No.       |
| Approved:<br>PAVEMENT MANAGEMENT BRANCH |                     | SD-240B           |