

## LABRADORCITY

Town of Labrador City  
390 Tamarack Drive  
P.O. Box 280, Labrador City, NL A2V 2K5

Telephone 709-944-7172

Fax 709-944-2443

Tender – 2026 Street and Sidewalk Repairs TLC-13-26  
Closing Date – June 24, 2026

### Addendum # 1 – Issued June 15, 2026

#### In The Form of Tender

Please add the following:

Item No. 4.24 – 2 Neal Street.

And;

#### In the Specifications

Please add 4.24 – 2 Neal Street to the location details.

Please see the attached Form of Tender and Location Detail.

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Peter Boland

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Company Name

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Company Representative

**TOWN OF LABRADOR CITY**

**FORM OF TENDER**

**2026 Street and Sidewalk Repairs TLC-13-26**

Tenderer \_\_\_\_\_

Address \_\_\_\_\_

Telephone # \_\_\_\_\_

The undersigned bidder has carefully examined the Form of Tender, Instructions to Bidders, and agrees to supply item(s) as per the attached specifications.

| Item No.    | Location           | Construction Cost | HST (15%) | Total Cost |
|-------------|--------------------|-------------------|-----------|------------|
| <b>4.1</b>  | Carson Carol       |                   |           |            |
| <b>4.2</b>  | 436 Grenfell       |                   |           |            |
| <b>4.3</b>  | 432 Grenfell       |                   |           |            |
| <b>4.4</b>  | 433-427 Grenfell   |                   |           |            |
| <b>4.5</b>  | 426-422 Grenfell   |                   |           |            |
| <b>4.6</b>  | 413-415 Grenfell   |                   |           |            |
| <b>4.7</b>  | 410-412 Grenfell   |                   |           |            |
| <b>4.8</b>  | 408-410 Grenfell   |                   |           |            |
| <b>4.9</b>  | 3 Maple            |                   |           |            |
| <b>4.10</b> | 2 Juniper          |                   |           |            |
| <b>4.11</b> | 3 Maple - Sidewalk |                   |           |            |
| <b>4.12</b> | 5 Juniper          |                   |           |            |
| <b>4.13</b> | 210 Humber         |                   |           |            |
| <b>4.14</b> | 736 Birch          |                   |           |            |
| <b>4.15</b> | 924 Bartlett       |                   |           |            |
| <b>4.16</b> | 222 – 216 Howley   |                   |           |            |
| <b>4.17</b> | 225 – 221 Howley   |                   |           |            |
| <b>4.18</b> | 219 – 127 Howley   |                   |           |            |
| <b>4.19</b> | 123 – 125 Howley   |                   |           |            |

|             |               |  |  |  |
|-------------|---------------|--|--|--|
| <b>4.20</b> | 220 Matthew   |  |  |  |
| <b>4.21</b> | 218 Matthew   |  |  |  |
| <b>4.22</b> | 210 Matthew   |  |  |  |
| <b>4.23</b> | 401 Avalon    |  |  |  |
| <b>4.24</b> | 2 Neal Street |  |  |  |

The above quotation shall include all freight charges, F.O.B., Tamarack Drive, Labrador City, NL.

The tenderer, if awarded the contract, agrees supply within \_\_\_\_\_ weeks following notification of award of the contract.

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Fax # \_\_\_\_\_

Email Address: \_\_\_\_\_

#### 4.24 2 Neal Street

- .1 Removal & Installation of approximately 76m<sup>2</sup> asphalt patch.
- .2 Dimensions and area are approximate. Area is marked in the field.





**Tender – 2026 Street and Sidewalk Repairs TLC-13-26**



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**TOWN OF LABRADOR CITY**

**FORM OF TENDER**

**2026 Street and Sidewalk Repairs TLC-13-26**

Tenderer \_\_\_\_\_

Address \_\_\_\_\_

Telephone # \_\_\_\_\_

The undersigned bidder has carefully examined the Form of Tender, Instructions to Bidders, and agrees to supply item(s) as per the attached specifications.

| Item No.    | Location           | Construction Cost | HST (15%) | Total Cost |
|-------------|--------------------|-------------------|-----------|------------|
| <b>4.1</b>  | Carson Carol       |                   |           |            |
| <b>4.2</b>  | 436 Grenfell       |                   |           |            |
| <b>4.3</b>  | 432 Grenfell       |                   |           |            |
| <b>4.4</b>  | 433-427 Grenfell   |                   |           |            |
| <b>4.5</b>  | 426-422 Grenfell   |                   |           |            |
| <b>4.6</b>  | 413-415 Grenfell   |                   |           |            |
| <b>4.7</b>  | 410-412 Grenfell   |                   |           |            |
| <b>4.8</b>  | 408-410 Grenfell   |                   |           |            |
| <b>4.9</b>  | 3 Maple            |                   |           |            |
| <b>4.10</b> | 2 Juniper          |                   |           |            |
| <b>4.11</b> | 3 Maple - Sidewalk |                   |           |            |
| <b>4.12</b> | 5 Juniper          |                   |           |            |
| <b>4.13</b> | 210 Humber         |                   |           |            |
| <b>4.14</b> | 736 Birch          |                   |           |            |
| <b>4.15</b> | 924 Bartlett       |                   |           |            |
| <b>4.16</b> | 222 – 216 Howley   |                   |           |            |
| <b>4.17</b> | 225 – 221 Howley   |                   |           |            |
| <b>4.18</b> | 219 – 127 Howley   |                   |           |            |
| <b>4.19</b> | 123 – 125 Howley   |                   |           |            |

|             |             |  |  |  |
|-------------|-------------|--|--|--|
| <b>4.20</b> | 220 Matthew |  |  |  |
| <b>4.21</b> | 218 Matthew |  |  |  |
| <b>4.22</b> | 210 Matthew |  |  |  |
| <b>4.23</b> | 401 Avalon  |  |  |  |

The above quotation shall include all freight charges, F.O.B., Tamarack Drive, Labrador City, NL.

The tenderer, if awarded the contract, agrees supply within \_\_\_\_\_ weeks following notification of award of the contract.

Authorized Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Fax # \_\_\_\_\_

Email Address: \_\_\_\_\_

## **INSTRUCTIONS TO BIDDERS**

### **1. Tenders**

- (a) Bidders shall submit Tenders in a sealed envelope and clearly marked to the town of Labrador City Office or by an emailed electronic copy to [cashier@labradorcity.ca](mailto:cashier@labradorcity.ca) of the Bid in pdf format. Either method of delivery shall be duly marked:

“TENDER FOR:           **2026 Street and Sidewalk Repairs TLC-13-26**  
addressed to the attention of the Town Clerk, Town Hall, P.O. Box 280, Labrador City, NL A2V 2K5.

#### **Include Bidders Name and Return Address on Envelope**

- (b) Tenders shall close at **3:00 p.m. local time**, Labrador City on:
- June 24, 2026**
- (c) Before submitting a tender, tenderers shall carefully examine the tender documents and fully inform themselves of the contract requirements and existing conditions.
- (d) The Bidder should refrain from contacting other employees or members of Council of The Town of Labrador City in respect of this procurement process, including for the purposes of lobbying or attempting to influence the outcome of this procurement process. Any such contact may, in the Town of Labrador City's sole discretion, result in disqualification of the Bidder.
- (e) The Town will not defray any expenses incurred by the tenderers in the preparation and submission of their tenders.
- (f) The Town, its employees and agents shall not be held liable or accountable for any error or omission in any part of this Tender or response to Bidder's questions.
- (g) Quotation shall be valid for acceptance for ninety (90) days from the tender closing date.
- (f) This tender is subject to the *Access to Information and Protection of Privacy Act, 2015*.
- (g) The financial value of this tender will be publicly released as part of the award notification.

- (h) If applicable, this tender is subject to trade agreements.

## **2. Bid Submission, Revision & Withdrawal**

- (a) It is the Bidders' sole responsibility to ensure their Bid is received when, where and how it is specified in this document. The Town is not responsible for lost, delayed, misplaced, or incorrectly delivered Bids.
- (b) Bid revisions, changes, and alterations will be accepted by the Town provided they are received prior to the closing date and time of the Tender. Bid revisions, changes and alterations may be made only by completing a new Bid to the Town.
- (c) Where a Bidder submits multiple Bids to a Tender, each successive Bid will nullify and replace any previous Bids.
- (d) Bidders may withdraw their Tender at any time, prior to the closing date & time of a Tender, by submitting an email to [cashier@labradorcity.ca](mailto:cashier@labradorcity.ca). All withdrawn Bids will be shredded the Town of Labrador City.

## **3. Unacceptable Tenders**

- (a) Tenders not submitted on the Tender Form provided will not be considered.
- (b) E-mail or facsimile tenders will not be accepted.
- (c) Tenders received after the tender closing time will not be considered.
- (d) Incomplete tenders will be rejected.
- (e) Tenders containing qualifications or additional clauses to the Tender Form may be rejected.

## **4. Substitutions**

- (a) Tenders shall be based upon using the materials or products as specified without substitution. Where two or more brand names are specified, the choice shall be left to the successful bidder. Where only one brand name is stated, there shall be no substitution.
- (b) Where the specifications include the **OR APPROVED EQUAL** clause, substitutions may be proposed provided that:
  - (i) The request for substitution is made in writing at least seven (7) days prior to the tender closing date.

- (ii) The request shall clearly define and describe the products for which the substitution is requested.
- (iii) The substitution item is equivalent to the described item with regard to design, function, appearance, durability, operation and quality.
- (iv) Approval of the substitution by the Town shall be in the form of an Addendum to the specifications issued to all the tenderers listed as having received a copy of the contract documents.

## **5. Acceptance or Rejection of Tenders**

- (a) The Town reserves the right to reject any or all bids without stating reasons. The lowest or any tender will not necessarily be accepted.
- (b) Upon acceptance of the tender, the Tender Form becomes part of the Contract Documents and the successful tenderer becomes the Contractor.
- (c) One payment shall be made in accordance with the contract as follows:
  - (i) Upon acceptance of all material or products, or upon substantial completion of the work.
  - (ii) Within thirty (30) days of receipt of the invoice by the Town.
- (d) The Town reserves the right to accept a non-compliant bid.

## **6. Addendums**

- (a) Addenda may be necessary for:
  - (i) Correction of the Tender and related forms
  - (ii) Extension of the submission deadline
  - (iii) Clarification of parts of the Tender
  - (iv) Retraction or cancellation of the Tender
  - (v) Responses to bidders questions
  - (vi) Other additions to, deletions from or alterations to the requirements contained in the Tender
- (b) Request for addenda must be submitted five (5) calendar days prior to the tender closing date. Requests submitted thereafter will not be considered or

responded to.

- (c) All addendums become part of the Bid Documents, as appropriate. Bidders are responsible for addressing all addenda in preparing Bids and should confirm, prior to submitting Bids, that all issued addenda have been received.

## **7. Delivery**

- (a) Where the Tender includes a mandatory delivery schedule, the Town will assume that the Bidder can meet the requested schedule and is satisfied that the goods or services required will be available for delivery on the requested date(s).
- (b) Time is of the essence, and delivery schedule(s) are legally binding. The Town reserves the right to assess penalties or cancel awards to Bidders who fail to meet the stated delivery or completion dates.
- (c) All equipment/goods delivered are subject to inspection and test within a reasonable time after delivery to the Town premises. In the event of a defective product the Town reserves the right to return it to the vendor for full credit.

## **8. Person to Contact**

For further information contact Peter Boland at the following telephone number **709-944-7172** or email: **[pboland@labradorcity.ca](mailto:pboland@labradorcity.ca)**

## **9. Workers Compensation & Insurance**

The Contractor covenants with the Town that its employees shall be fully covered within Worker's Compensation Regulations, and the Company shall on request furnish to the Town satisfactory proof that its employees are fully covered under the Worker's Compensation Act.

Prior to performing work hereunder, the Company agrees to provide the Town with confirmation of full insurance coverage including, without restricting the generality of the foregoing, Comprehensive General Liability Insurance of at least two million dollars (\$2,000,000.) covering the equipment. The Company shall be required to add the Town Council of Labrador City to this insurance policy as a named insured. The Town shall require thirty (30) days written notice of any material change in or cancellation of the insurance policy.

## **10. Safety**

The Town of Labrador City will strictly enforce safety requirements as per the Occupational Health & Safety Act. All items of safety apparel/equipment shall be the responsibility of the contractor.

## **11. Taxes**

- (a) Business Tax – In accordance with the Municipalities Act, 1999 as amended, all businesses carrying on business in the municipality shall be charged an annual tax to be known as “the business tax”. All companies doing business in the Town of Labrador City who are not subject to a property tax payable to either the Town of Labrador City or the Town of Wabush or a place of business that cannot be assessed under the Assessment Act, shall be assessed as “no fixed place of business” and billed at the rate of 3% of gross revenue with a minimum of \$2,500 and a maximum of \$5,500 per calendar year.
- (b) The Town of Labrador City is subject to the Harmonized Sales Tax at the rate of 15%.
- (c) Above referenced tax shall be shown separately on all invoices presented to the Town of Labrador City for payment.

## **12. Completing the Form of Tender**

Bidders may submit a price for any or all items listed on the Form of Tender. A separate contract will be awarded for each item of the tender.

The sums herein tendered include all taxes, royalties, custom duties, foreign exchange charges, transportation, traveling costs, all overhead and profit, all co-ordination fees, insurance premiums and all other charges.

Town of Labrador City  
2026 Street and Sidewalk Repairs

**1.0     Work Description**

**SUMMARY OF WORK**

- .1     Work under this Contract comprises the patching of various streets and sidewalks within Labrador City, NL, which can be summarized as follows:
- .1     Removal & Installation of approximately 47m<sup>2</sup> of asphalt at the intersection of Carson Avenue and Carol Drive.
  - .2     Removal & Installation of approximately 6.7m of combined curb and Sidewalk near 436 Grenfell Crescent.
  - .3     Removal & Installation of approximately 6.4m of combined curb and Sidewalk near 432 Grenfell Crescent.
  - .4     Removal & Installation of approximately 57m of combined curb and Sidewalk near 427-433 Grenfell Crescent.
  - .5     Removal & Installation of approximately 37m of combined curb and Sidewalk near 422-426 Grenfell Crescent.
  - .6     Removal & Installation of approximately 18.2m of combined curb and Sidewalk near 413-415 Grenfell Crescent.
  - .7     Removal & Installation of approximately 18.2m of combined curb and Sidewalk near 410-412 Grenfell Crescent.
  - .8     Removal & Installation of approximately 18.2m of combined curb and Sidewalk near 408-410 Grenfell Crescent.
  - .9     Removal & Installation of approximately 230m<sup>2</sup> of asphalt in the area of 3 Maple Crescent.
  - .10    Removal & Installation of approximately 8m of combined curb and Sidewalk near 2 Juniper Crescent.
  - .11    Removal & Installation of approximately 36m of combined curb and Sidewalk near 3 Maple Crescent.
  - .12    Removal & Installation of approximately 38m of combined curb and Sidewalk near 2 Maple Crescent and 5 Juniper Crescent.
  - .13    Removal & Installation of approximately 120m<sup>2</sup> of asphalt in the area of 210 Humber Avenue.
  - .14    Removal & Installation of approximately 18.3m of combined curb and Sidewalk near 736 Birch Street.
  - .15    Removal & Installation of approximately 11m of curb near 924 Bartlett Drive.

Town of Labrador City  
2026 Street and Sidewalk Repairs

- .16 Removal & Installation of approximately 55m of combined curb and Sidewalk near 216-222 Howley Avenue.
- .17 Removal & Installation of approximately 27m of combined curb and Sidewalk near 221-225 Howley Avenue.
- .18 Removal & Installation of approximately 160m of combined curb and Sidewalk near 219-227 Howley Avenue.
- .19 Removal & Installation of approximately 5.3m of combined curb and Sidewalk near 223-225 Howley Avenue.
- .20 Removal & Installation of approximately 3m of combined curb and Sidewalk near 220 Matthew Avenue.
- .21 Removal & Installation of approximately 8m of combined curb and Sidewalk near 218 Matthew Avenue.
- .22 Removal & Installation of approximately 11m of combined curb and Sidewalk near 210 Matthew Avenue.
- .23 Removal & Installation of approximately 30m<sup>2</sup> of asphalt in the area of 401 Avalon Drive.
- .2 All sidewalk, curb, and asphalt to be completed as per the latest edition of the NL Municipal Water, Sewer and Road Specifications.
- .3 All sub-base material for curb and sidewalk to meet Class 'B' Municipal Specification.
- .4 All sub-base material for asphalt work to meet Class 'A' Municipal Specification.
- .5 Asphalt patches shall be 2 – 40 mm lifts for a total thickness of 80 mm.
- .6 Provide temporary measures to accommodate vehicular traffic and pedestrian access.
- .7 Prior to commencement of work, the Contractor shall meet with the Owner at which time the Owner shall identify what, if any, priorities exist respecting the areas of work.
- .8 The bidder shall verify all measurements in the field prior to bidding.

**1.2 Contractor use of premises**

- .1 Contractor shall provide a project plan to execute the work in a safe and efficient manner. Provide a minimum of 72 hours notice prior to any street closures to the Owner and to first responders.

Town of Labrador City  
2026 Street and Sidewalk Repairs

- .2 Contractor shall minimize both the area affected and the duration of the disruption by the work along municipal roadways. Coordinate all activities with the Owner's Representative.
- .3 Contractor shall minimize the disturbance to private properties with respect to both the extents and the duration of the disturbance.
- .4 Provide construction signage to clearly mark construction activity, barricades and lights to delineate the work areas as necessary. Maintain and adjust regularly to reflect work progress.
- .5 Coordinate work activity with first responders and make provision for emergency access.

**2.0 Health and Safety Requirements**

- .1 Conduct operations in accordance with the latest edition of the Newfoundland Occupational Health and Safety (OH&S) Act and Regulations, with specific reference to codes and standards referenced therein, and the Department of Transportation and Works Occupational Health and Safety Manual.
- .2 Prior to the start of the project the Owner requires the following to be submitted to the Town Representative:
  - .1 Compliance Profile (History of subcontractor obtained from Service NL OH&S Division).
  - .2 Copy of Safety records.
  - .3 Copy of OH&S documents e.g. programs/safe work procedures, etc.
  - .4 Copy of names and contact information of adequate supervision.
  - .5 Copy of all accidents after job starts.
  - .6 Copies of safety meetings once the job starts.
  - .7 Copy of maintenance records of tools/equipment.
  - .8 Copy of hazard assessment.
  - .9 Copy of training certificates.
  - .10 Copy of permits/utility clearances where required.
  - .11 Emergency Plan (Strictly for Confined Space and working at height using fall protection) where required.
  - .12 Copy of Letter of good standing.
  - .13 Copy of Safe Work Practices.

Town of Labrador City  
2026 Street and Sidewalk Repairs

- .14 Applicable standards and guidelines.
- .15 Copy of inspections once the work starts.

**3.0 Warranty**

- .1 The Contractor shall provide a guarantee for a minimum of one (1) year for all materials and workmanship contained in this contract.
- .2 Any work deemed to be defective within one year from the date of acceptance shall be made good within by the Contractor within a time agreed upon by the Contractor and the Owner.

**4.0 Location Details**

**4.1 Carson Avenue/Carol Drive**

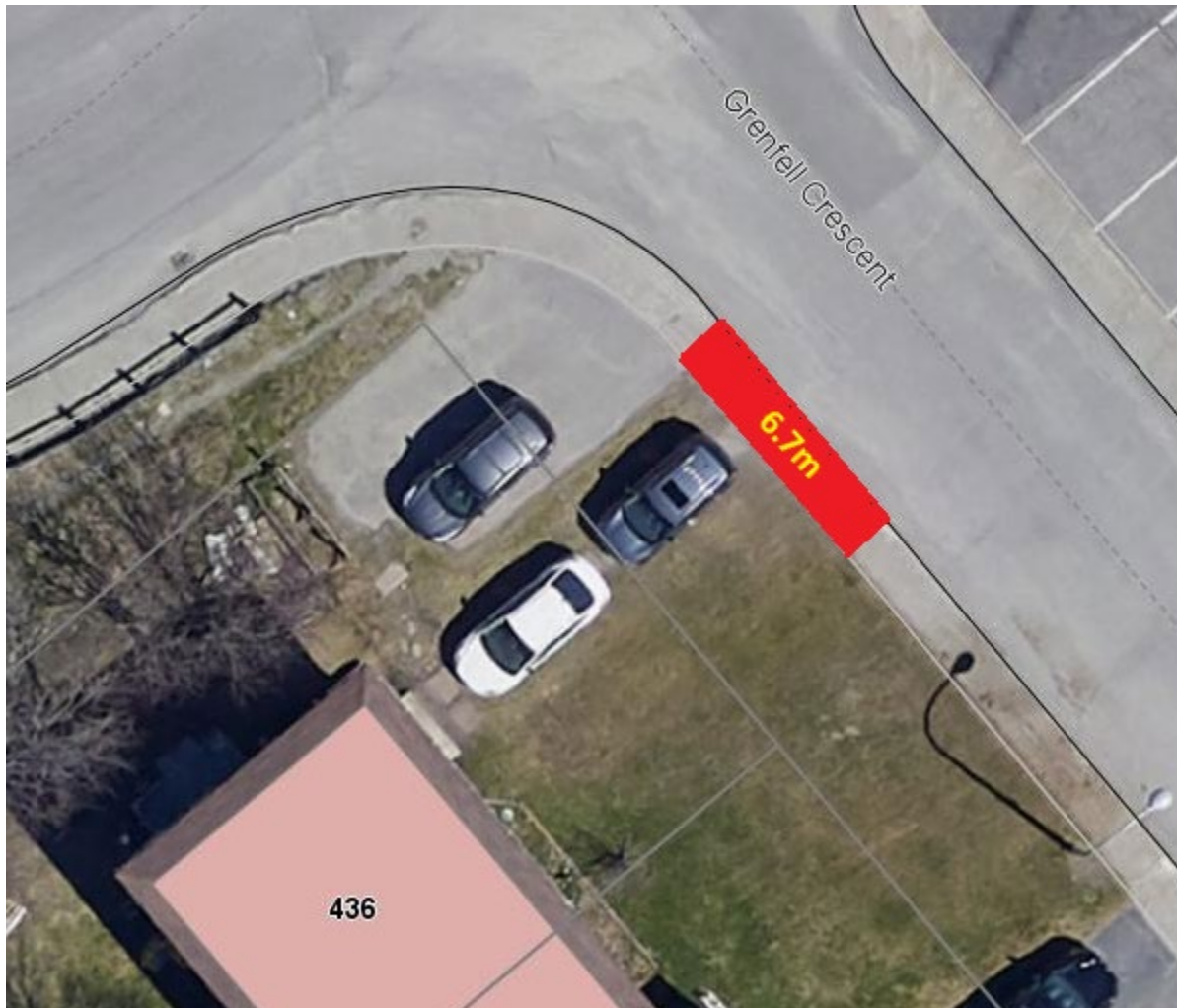
- .1 Removal & Installation of approximately 47m<sup>2</sup> asphalt patch.
- .2 Dimensions and area are approximate. Area is marked in the field.



#### 4.2 - 436 Grenfell Crescent

.1 Removal & Installation of approximately 6.7m of combined curb and sidewalk.

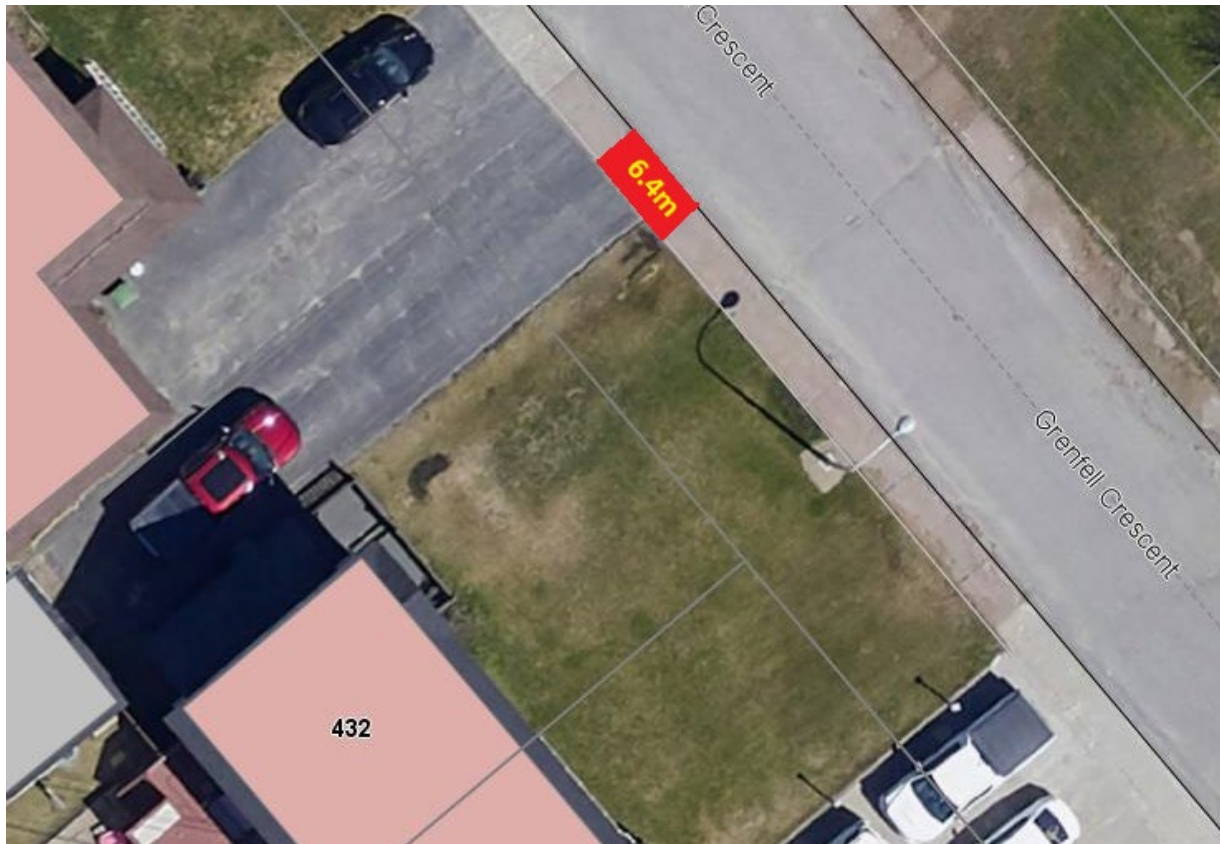
.2 Dimensions and area are approximate. Area is marked in the field.



#### 4.3 432 Grenfell Crescent

.1 Removal & Installation of approximately 6.4m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



**4.4 433-427 Grenfell Crescent**

.1 Removal & Installation of approximately 57m of combined curb and sidewalk.

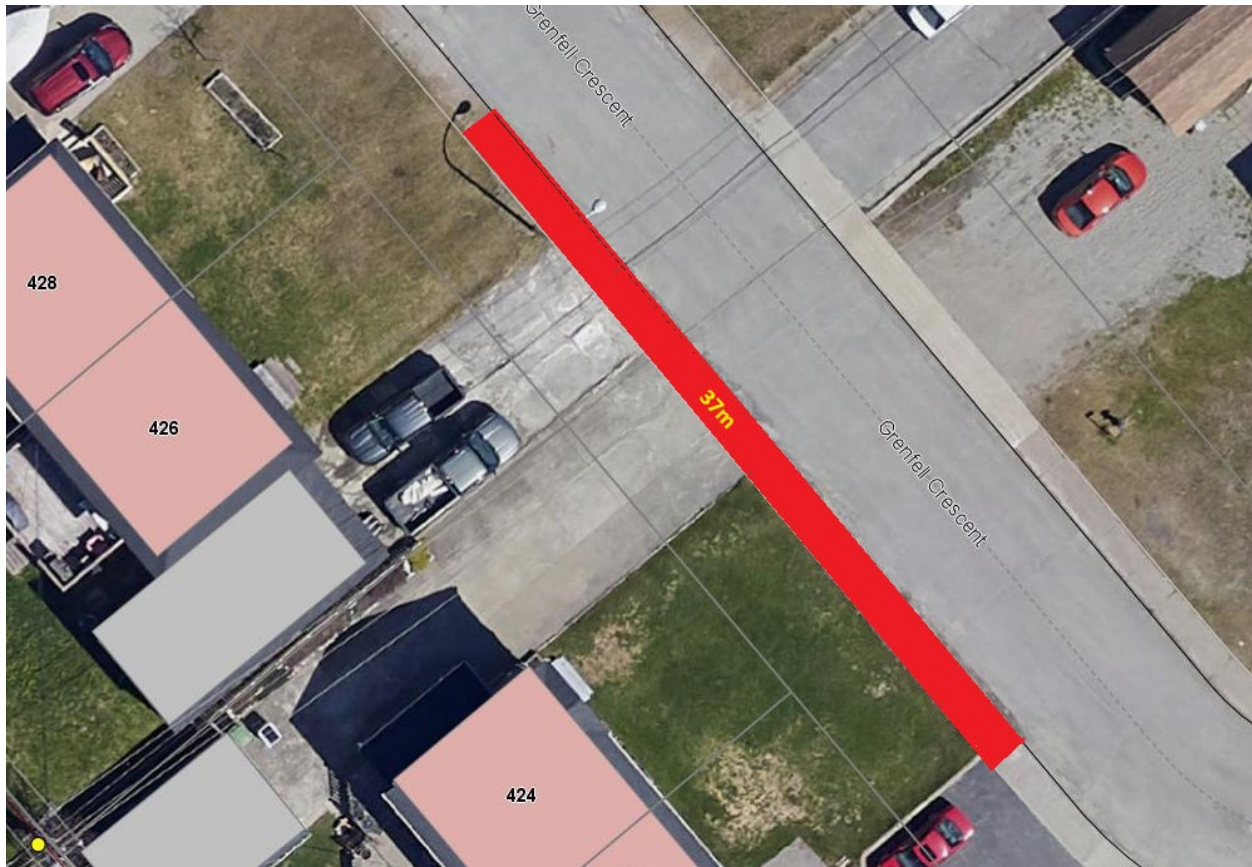
.2 Dimensions and area are approximate. Area is marked in the field.



**4.5 426-422 Grenfell Crescent**

.1 Removal & Installation of approximately 37m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



#### 4.6 415-413 Grenfell Crescent

.1 Removal & Installation of approximately 18.2m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



**4.7 410-412 Grenfell Crescent**

.1 Removal & Installation of approximately 18.3m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



Town of Labrador City  
2026 Street and Sidewalk Repairs

**4.8 408-410 Grenfell Crescent**

.1 Removal & Installation of approximately 9.2m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



Town of Labrador City  
2026 Street and Sidewalk Repairs

**4.9 3 Maple Crescent**

- .1 Removal & Installation of approximately 230m<sup>2</sup> asphalt patch.
- .2 Dimensions and area are approximate. Area is marked in the field.



**4.10 2 Juniper Crescent**

.1 Removal & Installation of approximately 8m of combined curb and sidewalk.

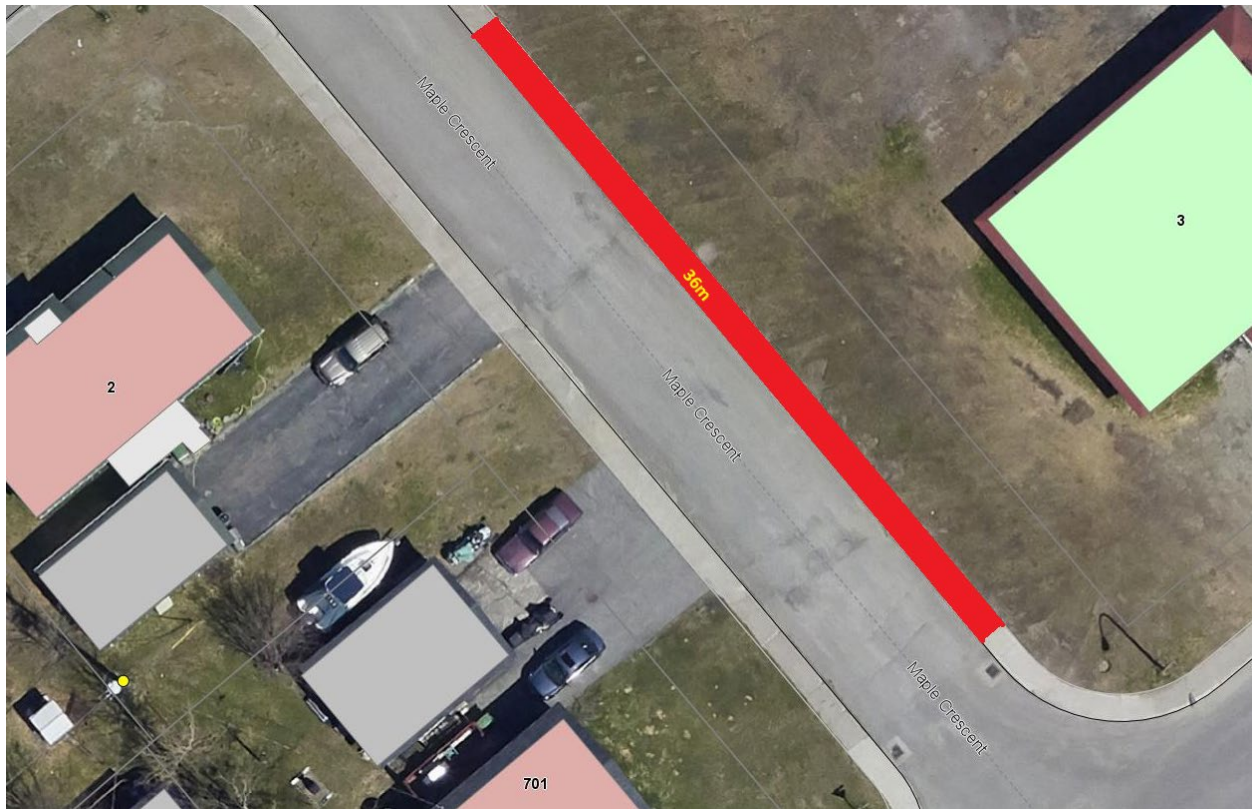
.2 Dimensions and area are approximate. Area is marked in the field.



**4.11 3 Maple Crescent**

.1 Removal & Installation of approximately 36m of combined curb and sidewalk.

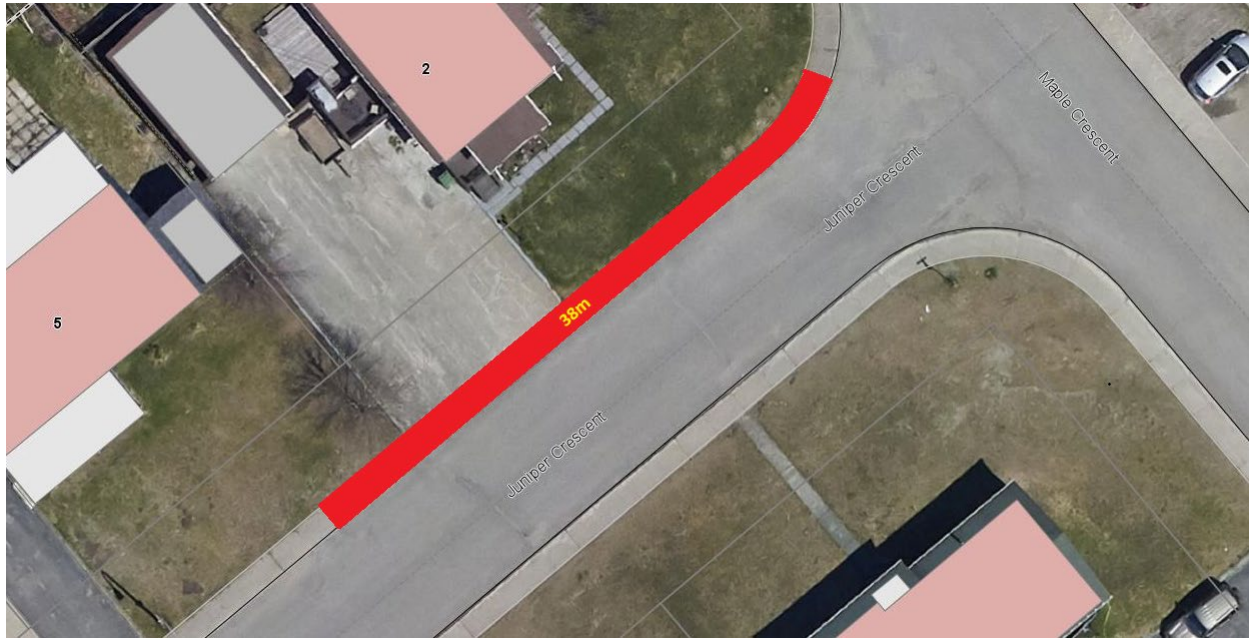
.2 Dimensions and area are approximate. Area is marked in the field.



**4.12 5 Juniper Crescent – 2 Maple Crescent**

.1 Removal & Installation of approximately 38m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



Town of Labrador City  
2026 Street and Sidewalk Repairs

**4.13 210 Humber Avenue**

- .1 Removal & Installation of approximately 120m<sup>2</sup> of asphalt patch.
- .2 Dimensions and area are approximate. Area is marked in the field.



Town of Labrador City  
2026 Street and Sidewalk Repairs

**4.14 736 Birch Street**

.1 Removal & Installation of approximately 18.3m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



#### 4.15 924 Bartlett Drive

- .1 Removal & Installation of approximately 11m of curb.
- .2 Dimensions and area are approximate. Area is marked in the field.



**4.16 222 – 216 Howley Avenue**

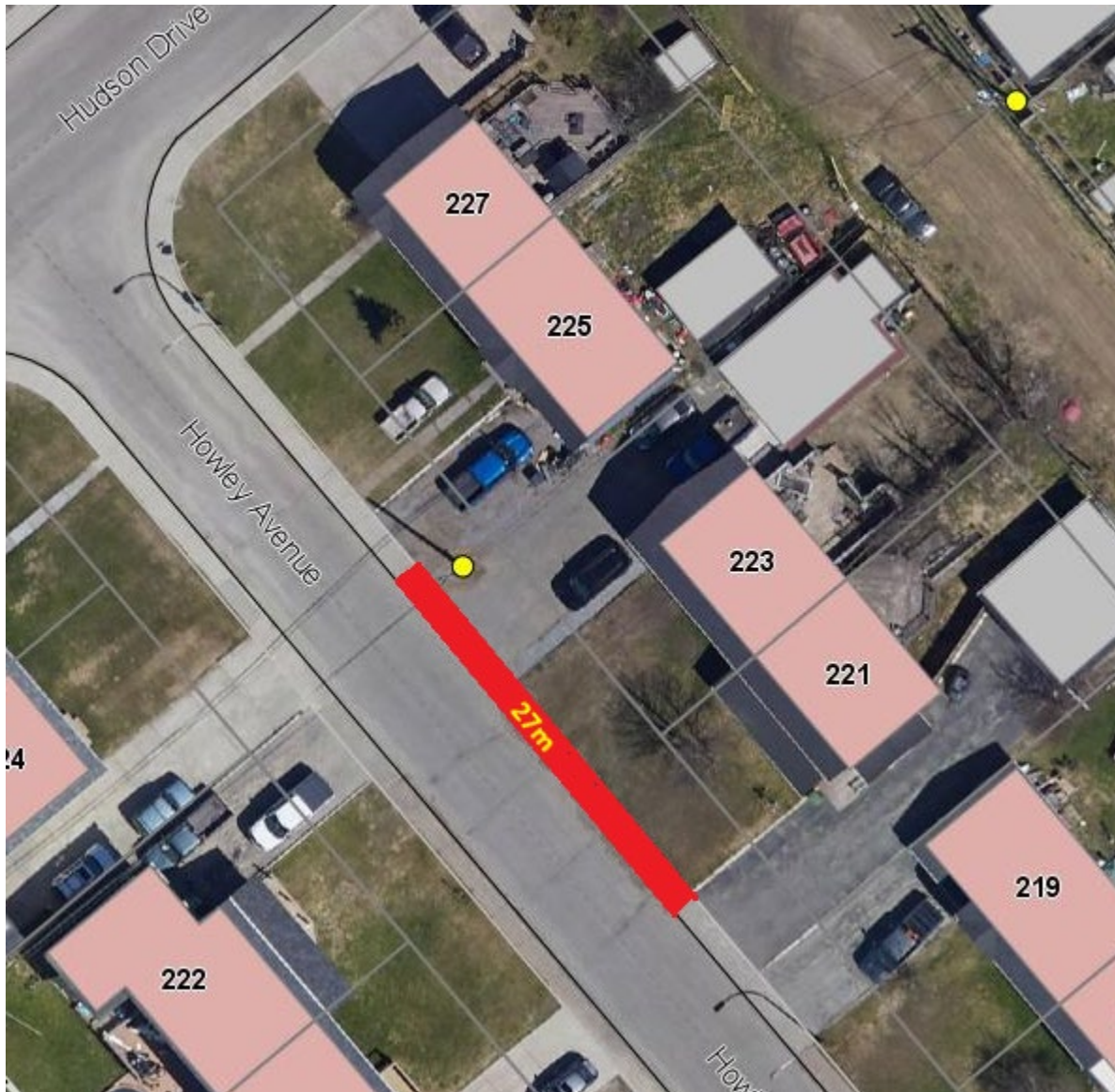
- .1 Removal & Installation of approximately 55m of combined curb and sidewalk.
- .2 Dimensions and area are approximate. Area is marked in the field.



**4.17 225 – 221 Howley Avenue**

.1 Removal & Installation of approximately 27m of combined curb and sidewalk.

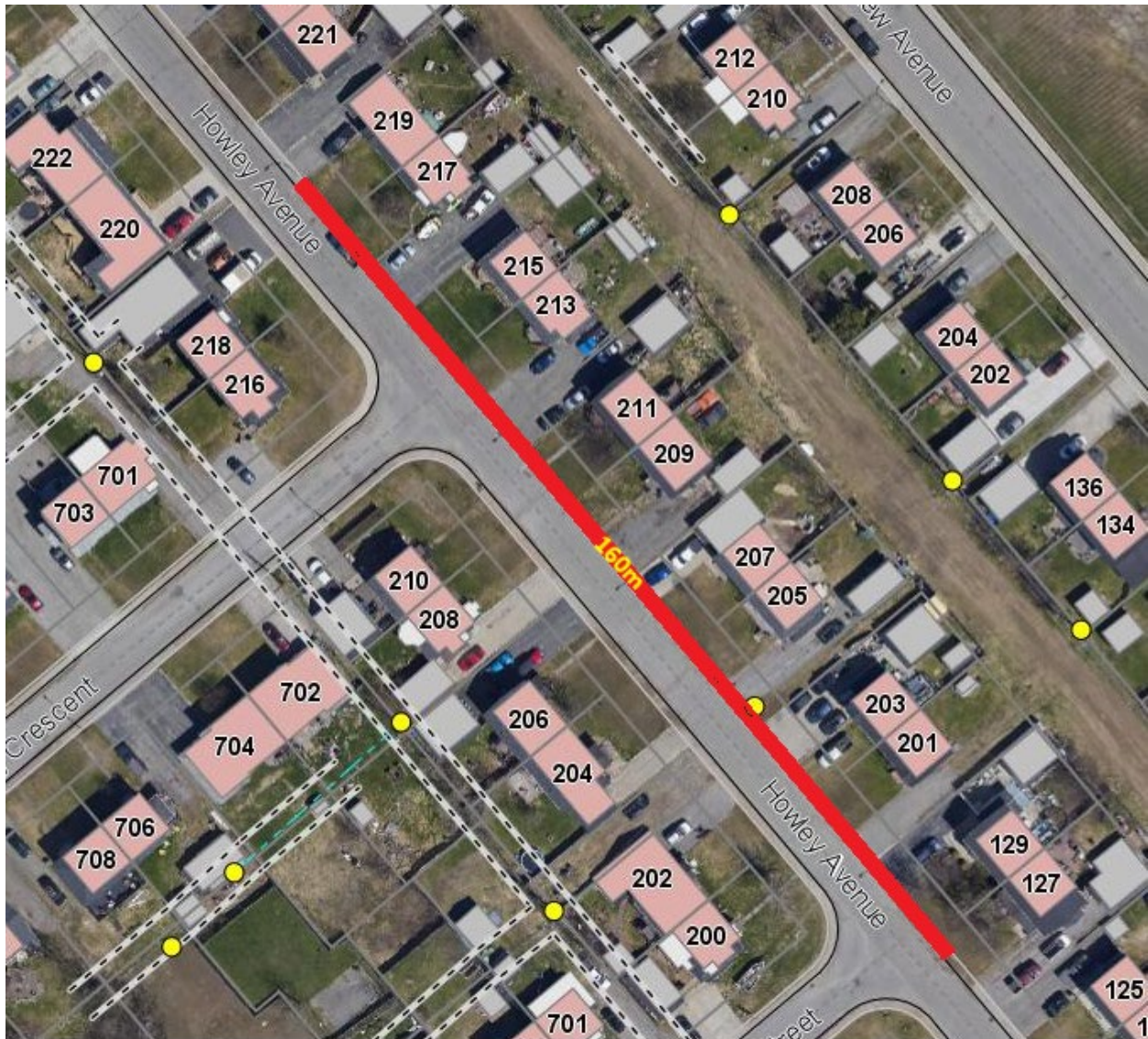
.2 Dimensions and area are approximate. Area is marked in the field.



#### 4.18 219 – 127 Howley Avenue

.1 Removal & Installation of approximately 160m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



**4.19 123 – 125 Howley Avenue**

.1 Removal & Installation of approximately 5.3m of combined curb and sidewalk.

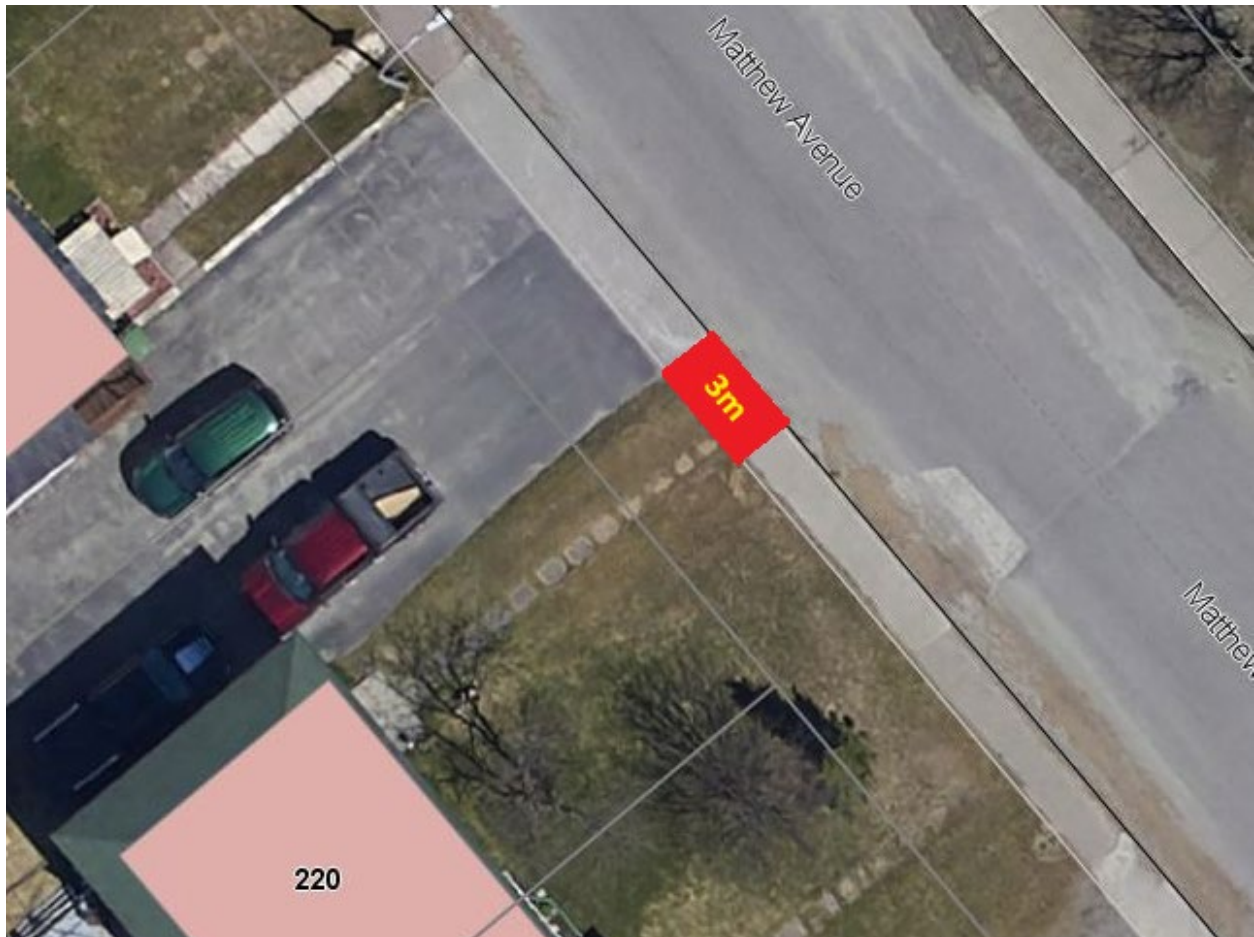
.2 Dimensions and area are approximate. Area is marked in the field.



**4.20 220 Matthew Avenue**

.1 Removal & Installation of approximately 3m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



**4.21 218 Matthew Avenue**

.1 Removal & Installation of approximately 8m of combined curb and sidewalk.

.2 Dimensions and area are approximate. Area is marked in the field.



**4.22 210 Matthew Avenue**

- .1 Removal & Installation of approximately 11m of combined curb and sidewalk.
- .2 Dimensions and area are approximate. Area is marked in the field.

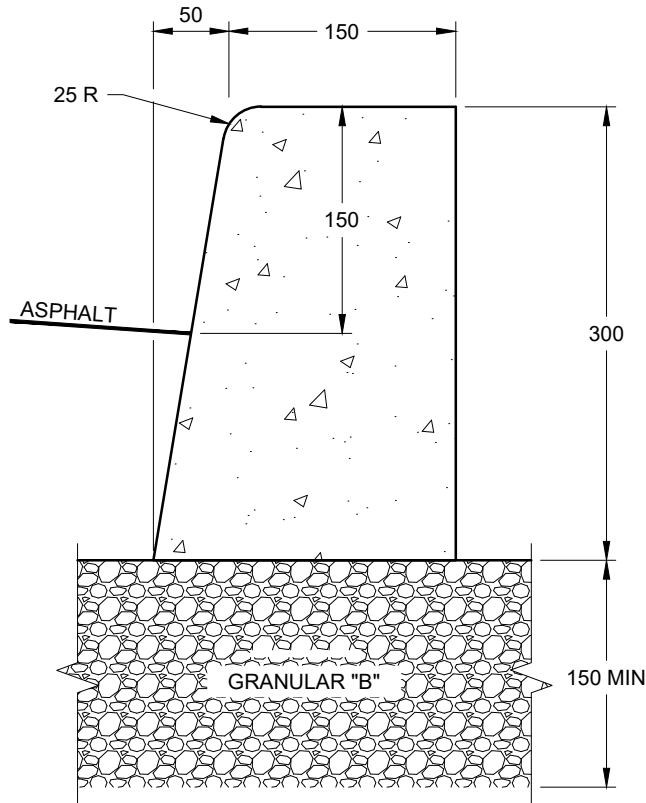


**4.23 401Avalon Drive**

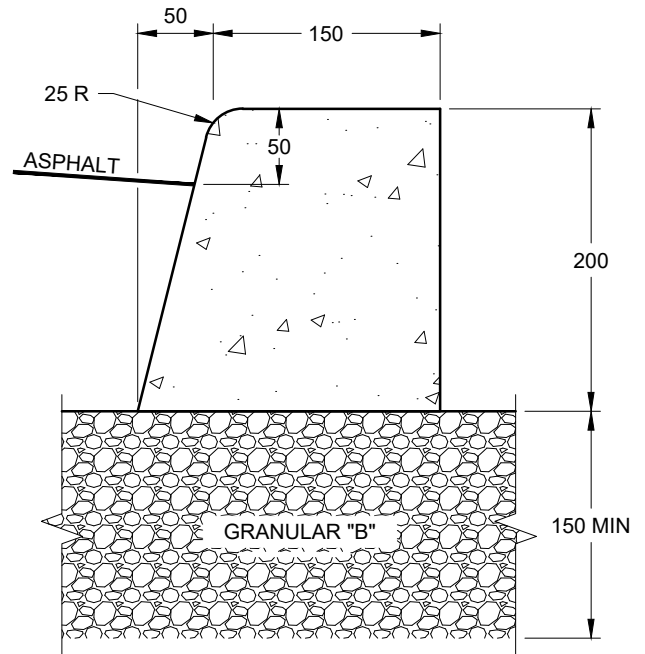
- .1 Removal & Installation of approximately 30m<sup>2</sup> asphalt patch.
- .2 Dimensions and area are approximate. Area is marked in the field.



## Appendix 1



**HIGH BACK**



**LOW BACK**

**NOTES:**

1. 32 MPa CONCRETE TO MEET CSA A23.1/A23.2, CLASS C-2 EXPOSURE.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
3. CONTRACTION JOINTS IN CURB AND GUTTER SECTIONS SHOULD EXTEND COMPLETELY THROUGH THE CURB HEIGHT AND 1/4 OF THE GUTTER THICKNESS. WHEN SIDEWALK IS ADJACENT TO CURB, MAKE JOINTS OF CURB AND SIDEWALK ALIGN.
4. IF THE CURB IS INTEGRAL WITH CONCRETE PAVEMENT, CONTRACTION JOINT SPACING IN THE CURB SHOULD MATCH THAT IN THE PAVEMENT.
5. CONTRACTION JOINTS SHOULD BE LOCATED WHERE THE PLACING OF CONCRETE MUST BE STOPPED FOR A PERIOD IN EXCESS OF 30 MINUTES.

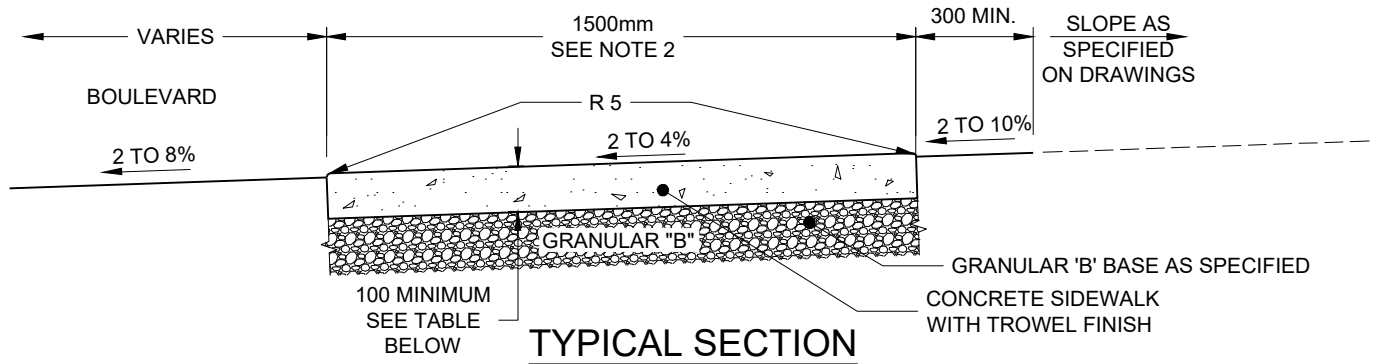
**MUNICIPAL MASTER  
SPECIFICATIONS**

**CONCRETE BARRIER CURB**

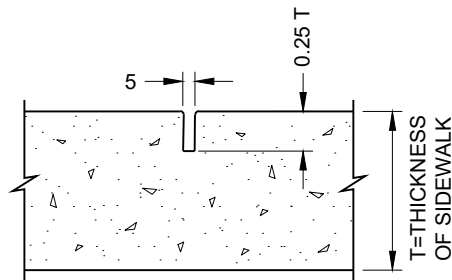
DRAWING NUMBER 04080

DATE: APRIL 2023

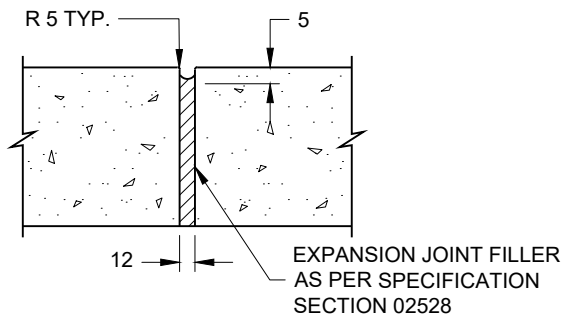
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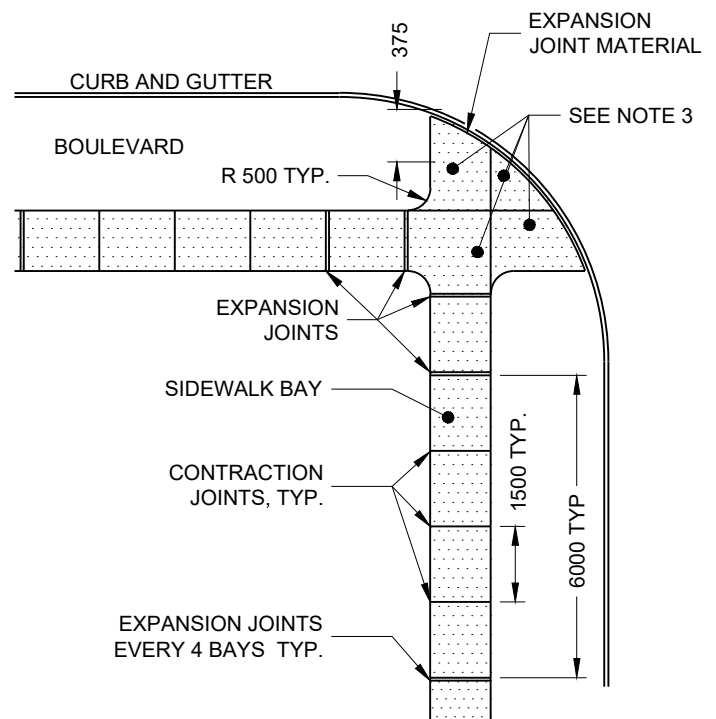
| CONCRETE THICKNESS              |       |
|---------------------------------|-------|
| MINIMUM                         | 100mm |
| RESIDENTIAL DRIVEWAY            | 150mm |
| COMMERCIAL/ INDUSTRIAL DRIVEWAY | 200mm |



**CONTRACTION JOINT**



**EXPANSION JOINT**



**JOINT LAYOUT**

**NOTES:**

- 32 MPa CONCRETE TO MEET CSA A23.1/A23.2, CLASS C-2 EXPOSURE. AS PER SPECIFICATION SECTION 02528.
- SIDEWALK WIDTH SHALL BE INCREASED TO 2400mm AT SCHOOLS, BUS STOPS, AND OTHER HIGH PEDESTRIAN AREAS. SIDEWALK LENGTH IS PROJECT SPECIFIC AND SHALL BE DETERMINED BY ENGINEER.
- THIS STANDARD DRAWING TO BE READ IN CONJUNCTION WITH STANDARD DRAWING 04150.
- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.
- WHERE CONTRACTION JOINTS ARE NEEDED, THE METHOD USED MUST GUARANTEE THAT AT LEAST 1/4 OF THE SIDEWALK THICKNESS OF CONCRETE IS INDENTED TO CONTROL DRYING SHRINKAGE CRACKING. SUITABLE METHODS ARE THE USE OF PREFORMED JOINT MATERIALS OR SAW CUTTING ONE QUARTER THE SLAB THICKNESS WITHIN 6 TO 18 HOURS AFTER THE CONCRETE HAS HARDENED BEFORE DRYING SHRINKAGE CRACKS APPEAR. FOR SLIPFORM CONSTRUCTION, THE JOINTS MAY BE FORMED USING A GUILLOTINE OR WIRE TO CUT THE PLASTIC CONCRETE, OR BY SAW CUTTING THE HARDENED CONCRETE.
- CONTRACTION JOINTS SHALL BE LOCATED AT 24 TO 30 T MAXIMUM. WHERE SIDEWALK WIDTH IS 2.5 m OR GREATER, A CONTRACTION JOINT SHOULD ALSO BE FORMED ALONG THE CENTERLINE OF THE WALK. CONTRACTION JOINT SPACING FOR SIDEWALK SHALL BE APPROXIMATELY THE SAME AS THE WIDTH AND NOT MORE THAN 1.5 TIMES THE WIDTH.
- ISOLATION JOINTS SHOULD BE LOCATED ADJACENT TO EXISTING STRUCTURES, (POLES, WALLS, HYDRANTS, BUILDINGS, ETC.) ISOLATION JOINTS SHOULD ALSO BE LOCATED BEFORE AND AFTER CURVE SECTIONS AND AT INTERSECTIONS.
- ISOLATION JOINT FILLER SHOULD BE 12 mm THICK.
- CONTRACTION JOINTS SHOULD BE LOCATED WHERE THE PLACING OF CONCRETE MUST BE STOPPED FOR A PERIOD IN EXCESS OF 30 MINUTES.

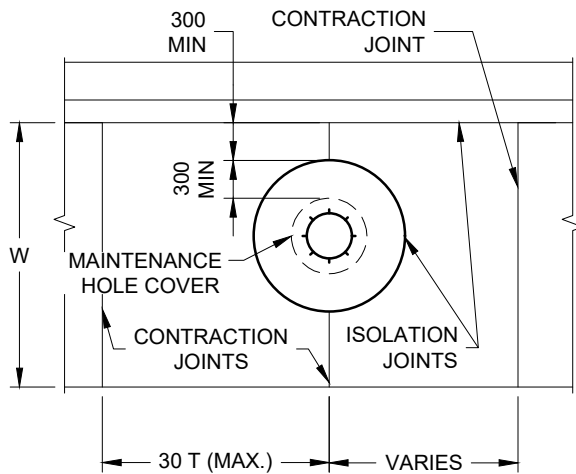
**MUNICIPAL MASTER  
SPECIFICATIONS**

**CONCRETE SIDEWALK**

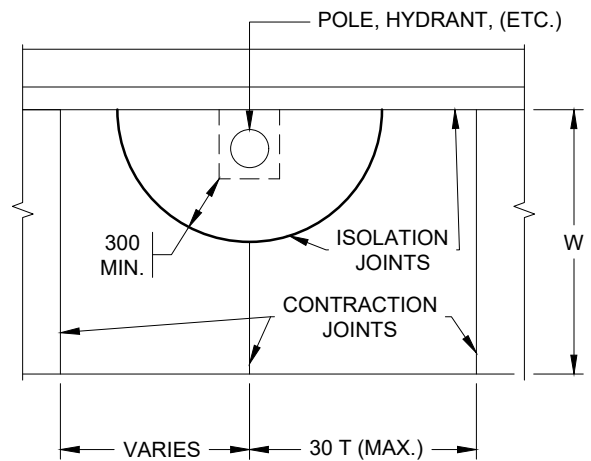
DRAWING NUMBER 04100

DATE: APRIL 2023

SCALE: N.T.S.



**DETAIL COVER BOXOUT**



**DETAIL POLE BOXOUT**

**NOTES:**

1. T = CONCRETE THICKNESS.
2. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.
3. WHERE CONTRACTION JOINTS ARE NEEDED, THE METHOD USED MUST GUARANTEE THAT AT LEAST 1/4 OF THE CONCRETE THICKNESS IS INDENTED TO CONTROL DRYING SHRINKAGE CRACKING. SUITABLE METHODS ARE THE USE OF PREFORMED JOINT MATERIALS OR SAW CUTTING ONE QUARTER THE SLAB THICKNESS WITHIN 6 TO 18 HOURS AFTER THE CONCRETE HAS HARDENED BEFORE DRYING SHRINKAGE CRACKS APPEAR. FOR SLIPFORM CONSTRUCTION, THE JOINTS MAY BE FORMED USING A GUILLOTINE OR WIRE TO CUT THE PLASTIC CONCRETE, OR BY SAW CUTTING THE HARDENED CONCRETE.
4. CONTRACTION JOINTS SHALL BE LOCATED AT 24 TO 30 T MAXIMUM.
5. SPACING OF CONTRACTION JOINTS SHOULD VARY TO COINCIDE WITH THE CENTER OF MAINTENANCE HOLES OR OTHER BOX-OUTS.
6. ISOLATION JOINT FILLER (AS PER SPECIFICATION SECTION 02528) SHOULD BE 12 mm THICK.
7. CONTRACTION JOINTS SHOULD BE LOCATED WHERE THE PLACING OF CONCRETE MUST BE STOPPED FOR A PERIOD IN EXCESS OF 30 MINUTES.
8. CONTRACTION JOINTS IN CURB AND GUTTER SECTIONS SHOULD EXTEND COMPLETELY THROUGH THE CURB HEIGHT AND 1/4 OF THE GUTTER THICKNESS. WHEN SIDEWALK IS ADJACENT TO CURB, MAKE JOINTS OF CURB AND SIDEWALK ALIGN.
9. IF THE CURB IS INTEGRAL WITH CONCRETE PAVEMENT, CONTRACTION JOINT SPACING IN THE CURB SHOULD MATCH THAT IN THE PAVEMENT.
10. WHERE SIDEWALK WIDTH IS 2.5 m OR GREATER, A CONTRACTION JOINT SHOULD ALSO BE FORMED ALONG THE CENTERLINE OF THE WALK. CONTRACTION JOINT SPACING FOR SIDEWALK SHALL BE APPROXIMATELY THE SAME AS THE WIDTH AND NOT MORE THAN 1.5 TIMES THE WIDTH.
11. ISOLATION JOINTS SHOULD BE LOCATED ADJACENT TO EXISTING STRUCTURES, (POLES, WALLS, HYDRANTS, BUILDINGS, ETC.) ISOLATION JOINTS SHOULD ALSO BE LOCATED BEFORE AND AFTER CURVE SECTIONS AND AT INTERSECTIONS.

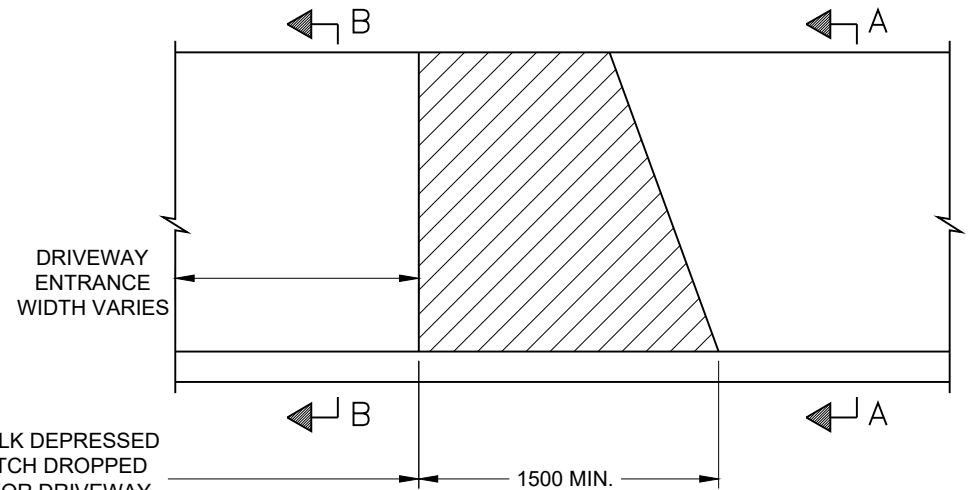
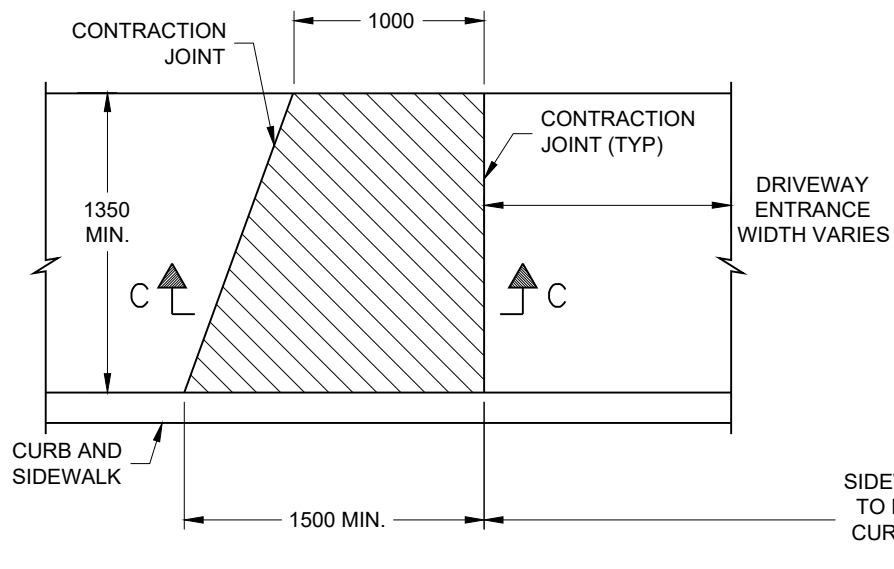
**MASTER  
SPECIFICATIONS**

**CONCRETE JOINT NOTES**

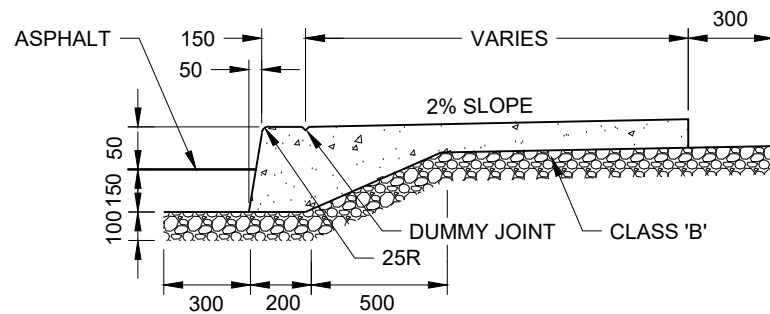
DRAWING NUMBER 04110

DATE: APRIL 2023

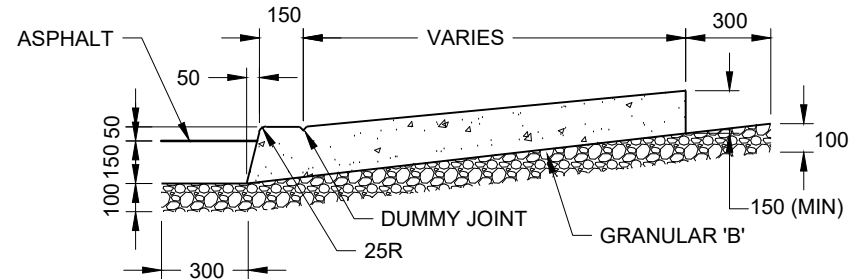
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## SIDEWALK AT DRIVEWAY ENTRANCE - PLAN



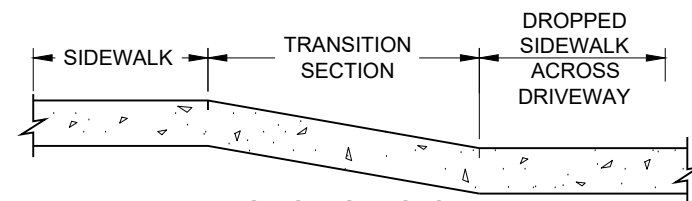
SECTION A-A



SECTION B-B

### NOTES:

1. DRIVEWAY MINIMUM THICKNESS OF SIDEWALK SHALL BE 150 MILLIMETERS, 200mm AT COMMERCIAL AND INDUSTRIAL DRIVEWAYS.
2. FOR CONTRACTION JOINT DETAIL, SEE STANDARD DRAWING 04100.
3. CONCRETE IS TO BE 32 MPa TO MEET CSA A23.1/23.2, CLASS C-2 EXPOSURE.



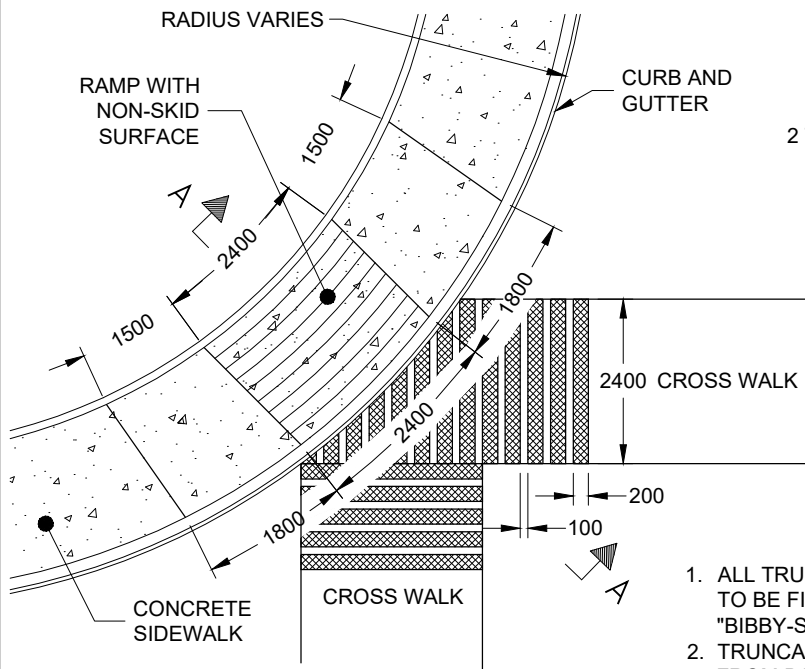
SECTION C-C

MUNICIPAL MASTER  
SPECIFICATIONS

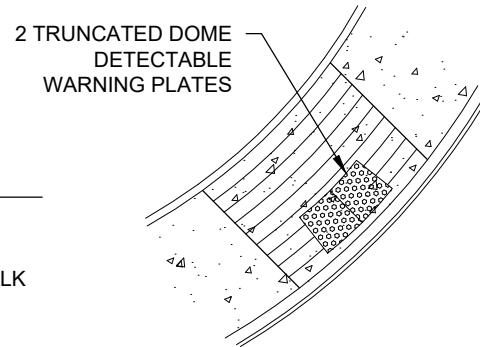
COMBINED CONCRETE  
CURB & SIDEWALK

DRAWING NUMBER 04141

DATE:  
APRIL 2023  
SCALE:  
N.T.S.

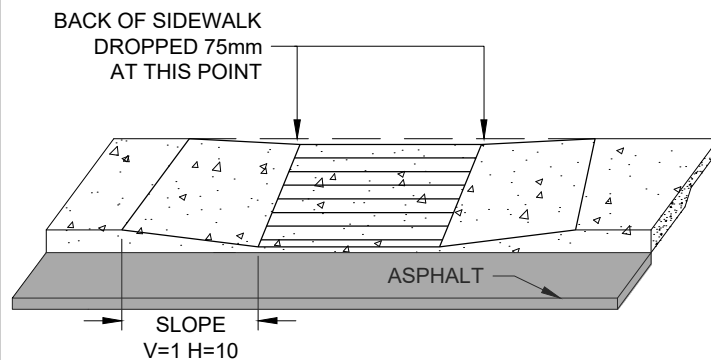


**PLAN VIEW**

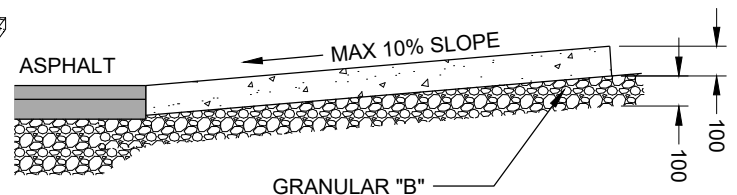


**TACTILE PLATES OPTION**

1. ALL TRUNCATED DOME DETECTABLE WARNING PLATE DESIGNS ARE TO BE FINALIZED BY THE PLATE MANUFACTURER, "BIBBY-STE-CROIX" OR APPROVED EQUIVALENT (610mmx610mm SQ.).
2. TRUNCATED DOME PLATES ARE TO BE PLACED 150mm OFFSET FROM BACK OF CURB (200mm MAX.) MINIMUM 150mm CONCRETE REQUIRED FROM OUTER EDGE OF PLATE ASSEMBLY TO EDGE OF SIDEWALK.
3. COLOUR OF TRUNCATED DOME PLATES TO BE NATURAL PATINA.
4. PLATES TO BE ALIGNED PARALLEL TO CURB. ON RADII, REAR CORNERS OF ADJACENT PLATES TO TOUCH.



**RAMP VIEW**



**SECTION A-A**

**NOTES:**

1. CONCRETE TO BE 32 MPa TO MEET CSA A23.1/23.2, CLASS C-2 EXPOSURE.
2. A NON-SKID RIBBED SURFACE SHALL BE EDGED ON RAMP. SCORE LINES MUST LINE UP IN THE DIRECTION OF TRAVEL AND BE PARALLEL WITH THE SIDEWALK. SCORE CONCRETE USING A 9.5mm TROWEL, MIN 6 SCORE LINES AT 150mm O.C.
3. THE CURB RAMP SLOPE SHOULD BE IN ACCORDANCE WITH THE PROVINCIAL BUILDINGS AND ACCESSIBILITY ACT AND REGULATIONS AND SHOULD NOT EXCEED 1:10 SLOPE.
4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

**MUNICIPAL MASTER  
SPECIFICATIONS**

**CURB RAMP ON RADIUS**

DRAWING NUMBER 04150

DATE: APRIL 2023

SCALE: N.T.S.