

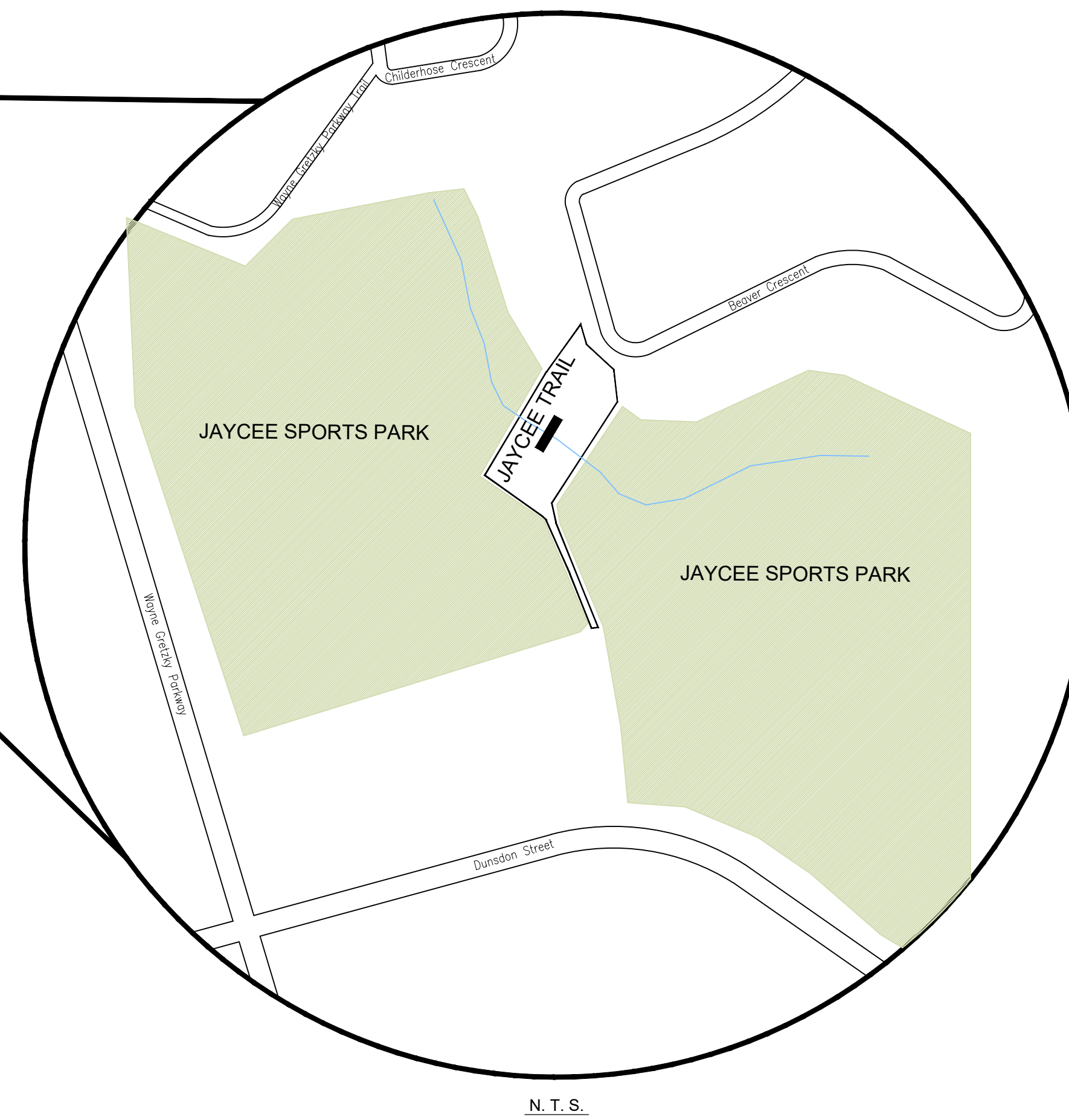
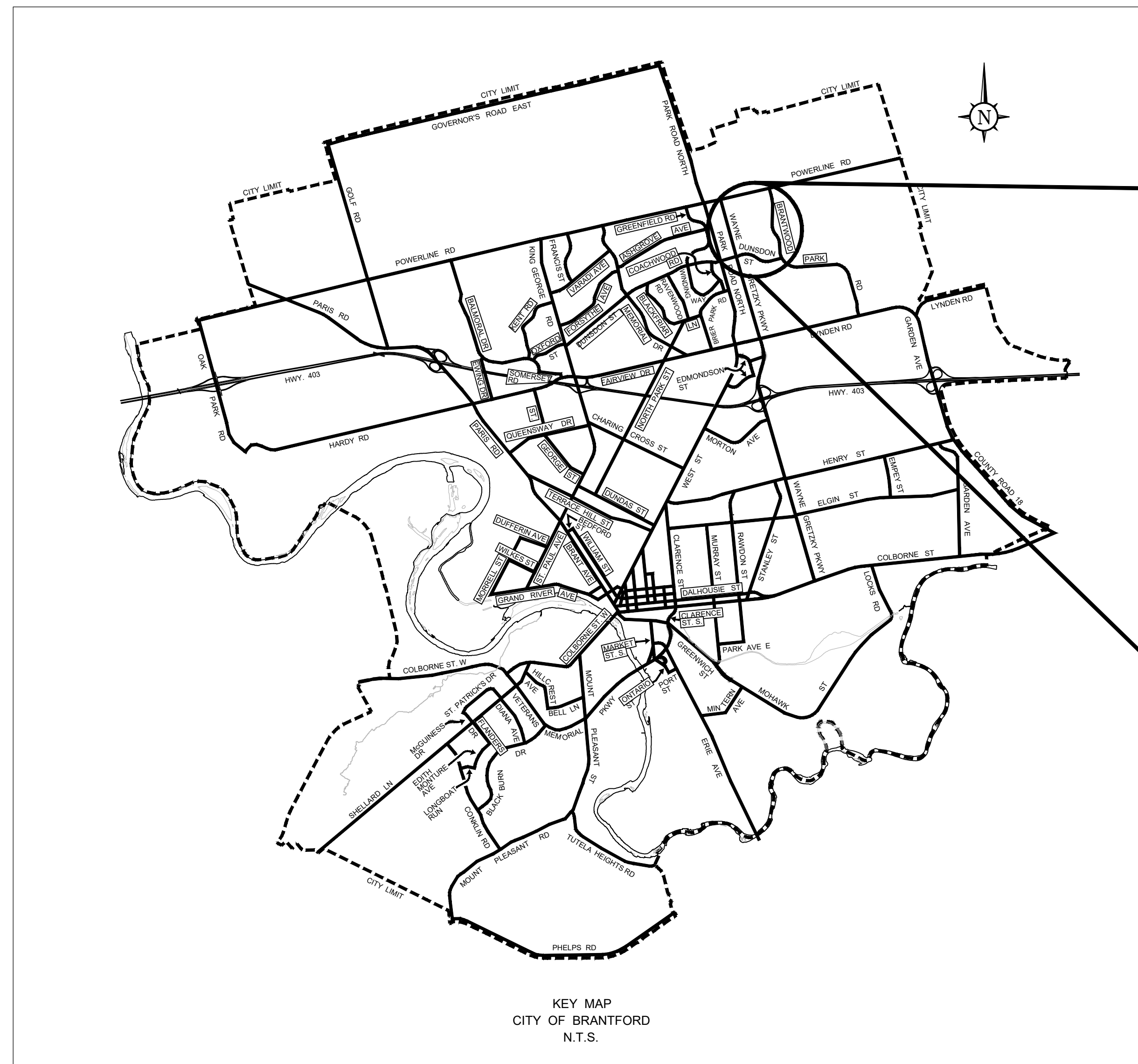
## Appendix A

### Jaycee Park New Trail and Bridge Replacement – Trail Redesign Option 1



# JAYCEE PARK TRAIL CONSTRUCTION & BRIDGE REPLACEMENT

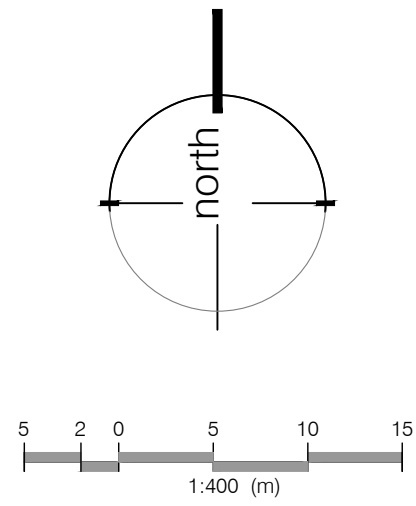
Project No. PK2226



## INDEX OF DRAWINGS

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| 2-2439-4  | Trail Layout - Enlargement 'B'                        |
| 2-2439-5  | Trail Layout - Enlargement 'C'                        |
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CONSTRUCTION SIGNAGE TO BE PROVIDED BY CITY OF BRANTFORD CONTRACTOR TO INSTALL AND MAINTAIN SIGNAGE FOR THE DURATION OF THE PROJECT

AREA TO BE USED AS STORAGE BY CONTRACTOR FOR ONGOING WORKS

TREE PROTECTION FENCE (with silt fence) SEE DETAIL 3, SHEET 2-2439-11

TREE TO BE SAVED - 4.58m AWAY FROM PROPOSED PATH

PORTION OF BEAVER CRESCENT TO BE CLOSED DURING DURATION OF CONSTRUCTION

TREE PROTECTION FENCE (with silt fence) SEE DETAIL 3, SHEET 2-2439-11

PROPOSED 1.8m HT METAL CONSTRUCTION FENCE, MODULOC OR APPROVED EQUAL (TYP.)

• SIGNAGE SUPPLIED BY CITY

• FENCE SUPPLIED AND INSTALLED BY CONTRACTOR

**NOTE:**

1. SECURE CONSTRUCTION FENCING TO EXISTING PROPERTY FENCE.
2. EXISTING VEGETATION WITHIN 2.0m ON EITHER SIDE OF PROPOSED PATH EDGE TO BE CLEARED, GRUBBED, AND DISPOSED OF OFF-SITE.
3. APPROXIMATELY 51 TREES 10cm cal. OR GREATER HAVE BEEN REMOVED ON SITE (QUANTITY BASED ON SURVEYED TREES).
4. ALL TREE REMOVALS ARE SUBJECT TO APPROVAL BY THE CONSERVATION AUTHORITY - CONFIRMATION HAS BEEN GIVEN BY CA 2024-03-22

EXISTING 16% SLOPE TO CURRENT BRIDGE CROSSING

PROPOSED HEAVY DUTY SILT FENCE AS PER OPSD 219.130 (TYP.) REFER TO STRUCTURAL DRAWINGS FOR SEDIMENT CONTROL MEASURES (SEE DWG 3-3033-3)

PROPOSED HEAVY DUTY SILT FENCE AS PER OPSD 219.130 (TYP.) REFER TO STRUCTURAL DRAWINGS FOR SEDIMENT CONTROL MEASURES (SEE DWG 3-3033-3)

PROPOSED 1.8m HT METAL CONSTRUCTION FENCE, MODULOC OR APPROVED EQUAL (TYP.)

• SIGNAGE SUPPLIED BY CITY

• FENCE SUPPLIED AND INSTALLED BY CONTRACTOR

TREES HAVE BEEN REMOVED

EXISTING 11% SLOPE TO CURRENT BRIDGE CROSSING

SECURE CONSTRUCTION FENCING TO EXISTING BASEBALL DIAMOND FENCING

**JAYCEE SPORTS PARK**

TREE PROTECTION FENCE (with silt fence) SEE DETAIL 3, SHEET 2-2439-11

CONSTRUCTION SIGNAGE TO BE PROVIDED BY CITY OF BRANTFORD CONTRACTOR TO INSTALL AND MAINTAIN SIGNAGE FOR THE DURATION OF THE PROJECT

EXISTING BRIDGE TO BE REMOVED AND DISPOSED OF OFF SITE

PROPOSED BRIDGE (12.5m x 3.0m) REFER TO STRUCTURAL DRAWINGS

PROPOSED HEAVY DUTY SILT FENCE AS PER OPSD 219.130 (TYP.) REFER TO STRUCTURAL DRAWINGS FOR SEDIMENT CONTROL MEASURES (SEE DWG 3-3033-3)

ADDITIONAL TREES TO BE REMOVED (TYP.)

SIGN TO BE REMOVED AND DISPOSED OF OFF SITE

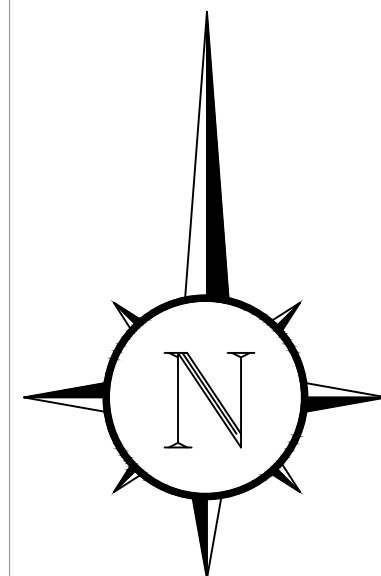
PROPOSED HEAVY DUTY SILT FENCE AS PER OPSD 219.130 (TYP.) REFER TO STRUCTURAL DRAWINGS FOR SEDIMENT CONTROL MEASURES (SEE DWG 3-3033-3)

EXISTING BRIDGE TO BE REMOVED AND DISPOSED OF OFF SITE

PROPOSED BRIDGE (12.5m x 3.0m) REFER TO STRUCTURAL DRAWINGS

PROPOSED HEAVY DUTY SILT FENCE AS PER OPSD 219.130 (TYP.) REFER TO STRUCTURAL DRAWINGS FOR SEDIMENT CONTROL MEASURES (SEE DWG 3-3033-3)

ADDITIONAL TREES TO BE REMOVED (TYP.)



**KEY PLAN**  
NOT TO SCALE

**LEGEND**

- existing vegetation to remain
- existing vegetation has been removed
- additional vegetation to be removed
- tree protection fence (with silt fence) - see detail 3, 2-2439-11
- 1.8m height construction fence
- heavy duty silt fence (OPSD 219.130) refer to structural drawings for sediment control measures (see dwg 3-3033-3)

LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

**SURVEY NOTE REFERENCE:**

|     |            |                            |       |      |
|-----|------------|----------------------------|-------|------|
| 5   | Aug 22/24  | Issued For Pricing         | M.P.  | c.d. |
| 4   | May 24/24  | Issued For Construction    | M.M.  | c.p. |
| 3   | April 2/24 | Issued For Tender Addendum | M.M.  | v.d. |
| 2   | June 15/23 | Issued For Tender          | M.M.  | v.d. |
| No. | DATE       | REVISIONS                  | INIT. |      |

DATE OF PLOT August 22, 2024



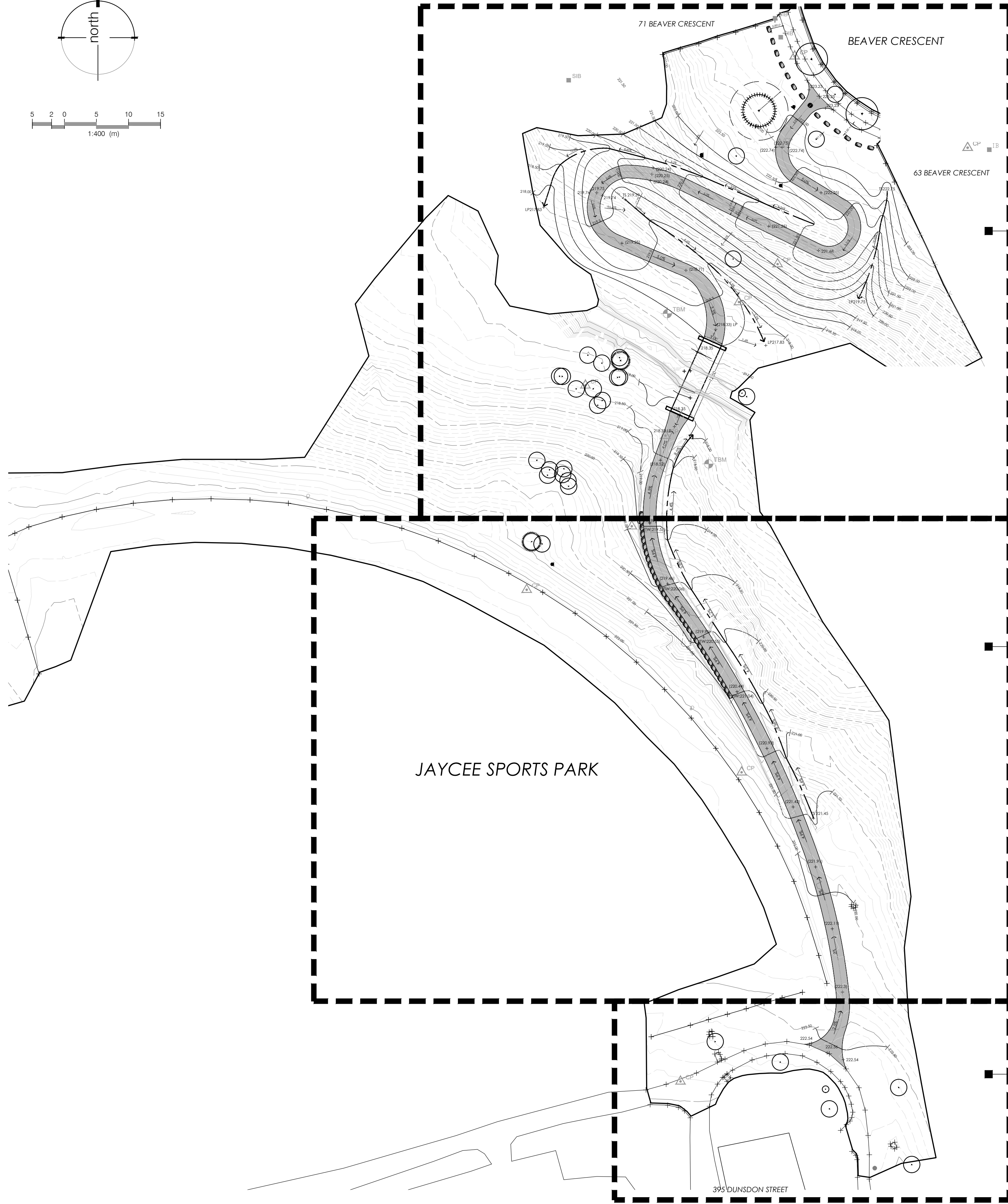
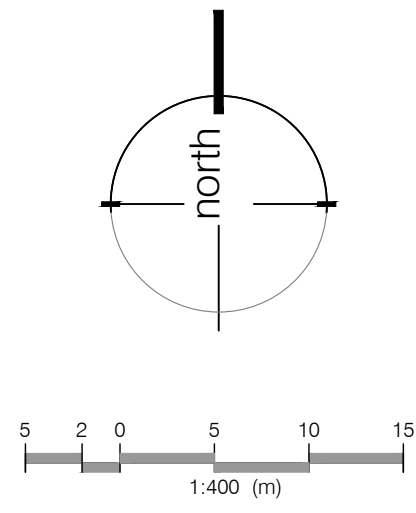
**PROPOSED REMOVALS PLAN**  
**JAYCEE PARK TRAIL**

From: BEAVER CRESCENT  
To: DUNSDON STREET

|        |      |   |
|--------|------|---|
| APP'D. | DES. | RATIO: HORIZ. 1:250<br>VERT. 1:100                                  |
|        |      | DESIGNED BY: MMVD<br>DRAWN BY: V. DAMONE<br>CHECKED BY: M. PATRUCCI |
|        |      | DATE: AUGUST, 2024  |

PROJECT No. PK2226 DRAWING No. 2-2439-1

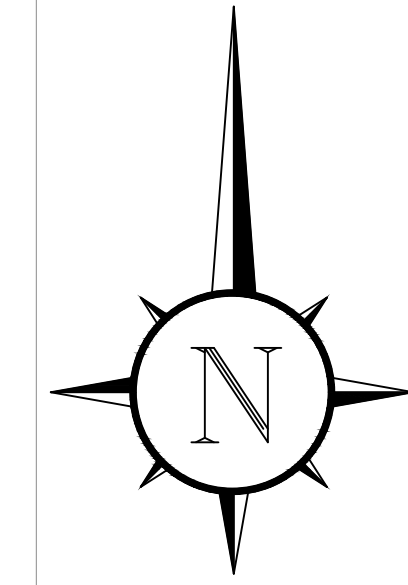
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ENLARGEMENT 'A' - SEE SHEET No. 2-2439-3

ENLARGEMENT 'B' - SEE SHEET No. 2-2439-4

ENLARGEMENT 'C' - SEE SHEET No. 2-2439-5



KEY PLAN  
NOT TO SCALE

LEGEND

- existing tree to remain
- proposed deciduous tree
- proposed elevation
- proposed slope
- proposed 2.0m width asphalt path
- existing elevation
- proposed swale

LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

SURVEY NOTE REFERENCE:

|   |            |                            |      |      |
|---|------------|----------------------------|------|------|
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| 3 | April 2/24 | Issued For Tender Addendum | M.M. | v.d. |
| 2 | June 15/23 | Issued For Tender          | M.M. | v.d. |

| No. | DATE | REVISIONS | INIT. |
|-----|------|-----------|-------|
|-----|------|-----------|-------|

DATE OF PLOT August 22, 2024



OVERALL TRAIL LAYOUT ON:

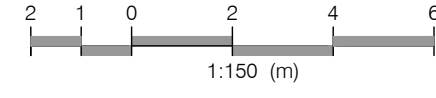
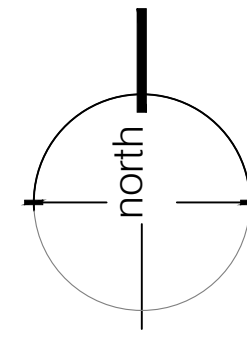
JAYCEE PARK TRAIL

From: BEAVER CRESCENT  
To: DUNSDON STREET

|        |      |  |
|--------|------|--|
| APP'D. | DES. | RATIO: HORIZ. 1:250<br>VERT. 1:100                                   |
|        |      | DESIGNED BY: MM/VD<br>DRAWN BY: V. DAMONE<br>CHECKED BY: M. PATRUCCO |
|        |      | DATE: AUGUST, 2024   |

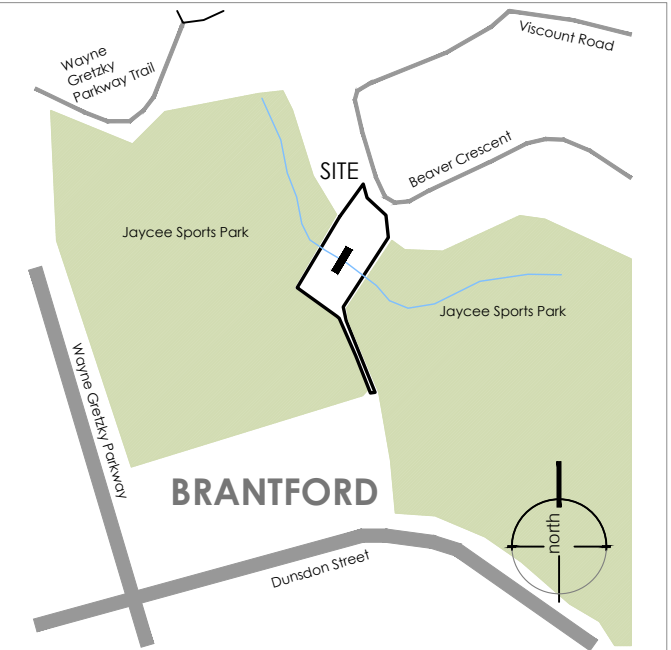
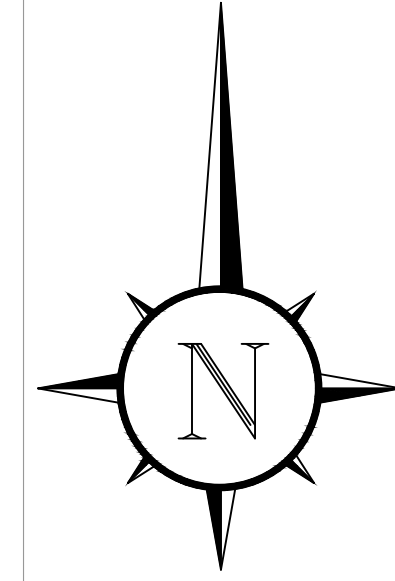
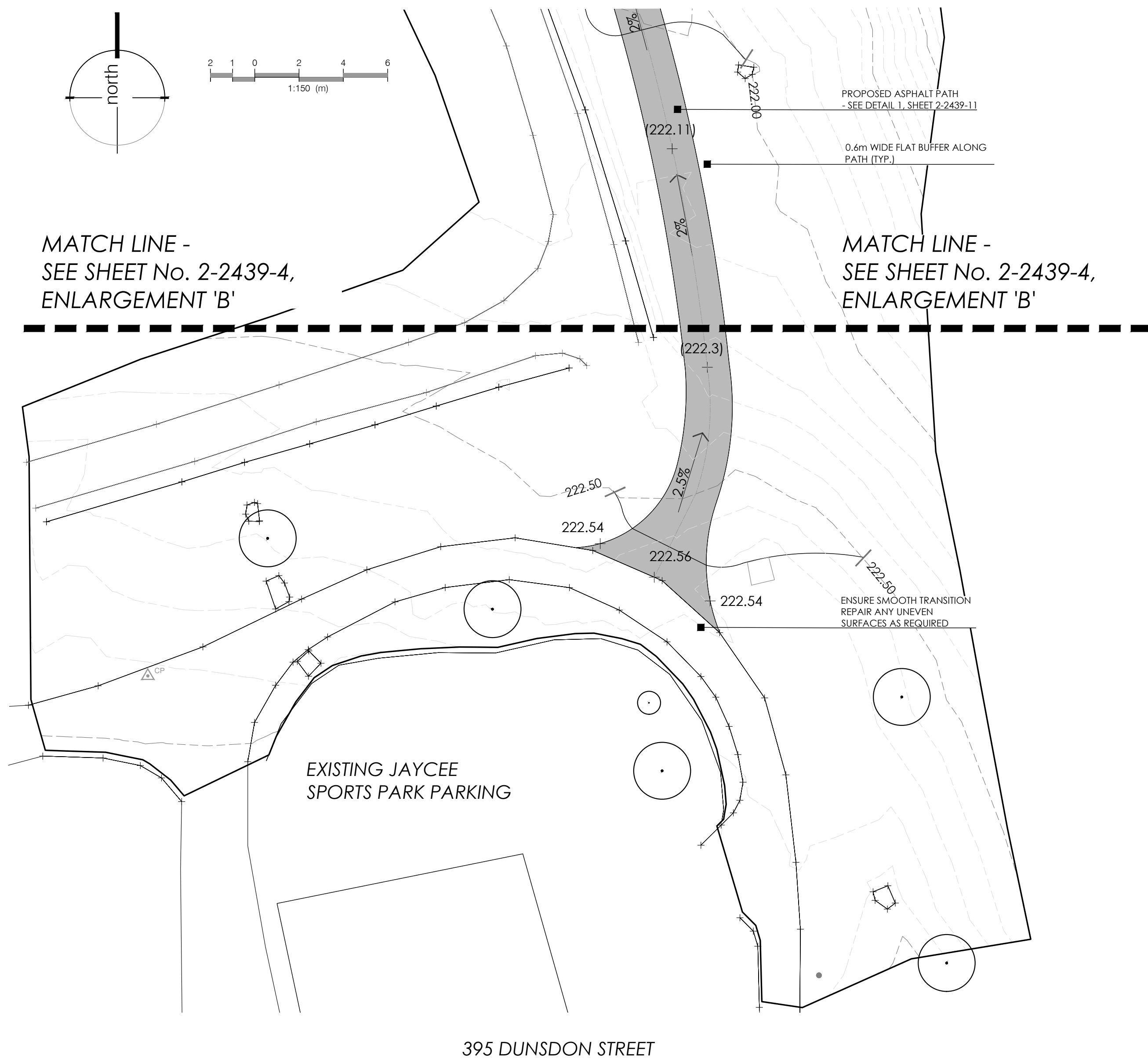






MATCH LINE -  
SEE SHEET No. 2-2439-4,  
ENLARGEMENT 'B'

MATCH LINE -  
SEE SHEET No. 2-2439-4,  
ENLARGEMENT 'B'



KEY PLAN  
NOT TO SCALE

LEGEND

- existing tree to remain
- proposed deciduous tree
- 217.83 proposed elevation
- 2% proposed slope
- proposed 2.0m width asphalt path
- 220.50 existing elevation

LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

SURVEY NOTE REFERENCE:

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|     |      |           |       |
|-----|------|-----------|-------|
| No. | DATE | REVISIONS | INIT. |
|     |      |           |       |

DATE OF PLOT August 22, 2024



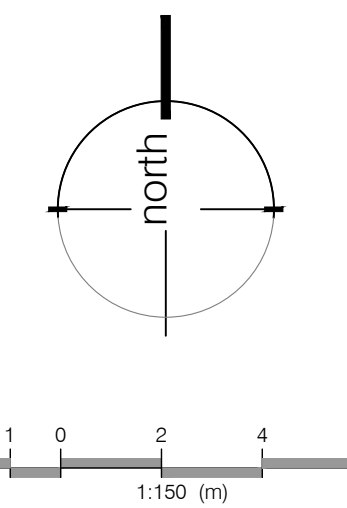
LANDSCAPE PLAN - TRAIL ENLARGEMENT 'C'  
**JAYCEE PARK TRAIL**  
From: BEAVER CRESCENT  
To: DUNSDON STREET

|        |      |  |
|--------|------|--|
| APP'D. | DES. | RATIO: HORIZ. 1:250<br>VERT. 1:100                                   |
|        |      | DESIGNED BY: MM/VD<br>DRAWN BY: V. DAMONE<br>CHECKED BY: M. PATRUCCI |
|        |      | DATE: AUGUST, 2024   |

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**NOTE:**

1. DISTURBED AREAS TO BE SEEDED WITH NATIVE SEED MIX & SOIL STABILIZER. SEE TERRASED NOTES FOR FURTHER INFORMATION AND PLAN FOR LAYOUT (EROSION CONTROL AND SEEDING LAYOUT PLAN)
2. FINAL GRADING OF SWALE TO BE DETERMINED ON SITE
3. ALL PLANTING IS PROVISIONAL AND DEPENDANT ON ON SITE CONDITIONS



**71 BEAVER CRESCENT**

TREE TO BE SAVED - 4.58m AWAY FROM PROPOSED PATH

PROPOSED ARMOURSTONE AT FRONTAGE OF TRAIL ACCESS TO BE PLACED:  
- APPROX. 2m AWAY FROM EXISTING SIDEWALK  
- 0.3m FROM PATH EDGE  
- SPACED 1.0m APART  
SEE DETAIL 2, SHEET 2-2439-11

PROPOSED LAWN SEED MIX SEE NOTES ON SHEET 2-2439-6  
DISTURBED AREAS TO BE RESTORED WITH SEED AS NOTED. MOWED AND MAINTAINED AFTER ESTABLISHED

PROPOSED SIGNAGE ON 4x4 CEDAR POST CONTRACTOR TO SUPPLY AND INSTALL CEDAR POST CITY OF BRANTFORD TO SUPPLY SIGN

PROPOSED BOLLARD SEE DETAIL 6, SHEET 2-2439-10 TO BE SUPPLIED BY CITY. INSTALLED BY CONTRACTOR

PROPOSED ASPHALT PATH SEE DETAIL 1, SHEET 2-2439-11

PROPOSED ARMOURSTONE AT FRONTAGE OF TRAIL ACCESS TO BE PLACED:  
- APPROX. 2m AWAY FROM EXISTING SIDEWALK  
- 0.3m FROM PATH EDGE  
- SPACED 1.0m APART  
SEE DETAIL 2, SHEET 2-2439-11

PROPOSED LAWN SEED MIX SEE NOTES ON SHEET 2-2439-6  
DISTURBED AREAS TO BE RESTORED WITH SEED AS NOTED. MOWED AND MAINTAINED AFTER ESTABLISHED

**63 BEAVER CRESCENT**

0.6m WIDE FLAT BUFFER ALONG PATH (TYP.)

PROPOSED SWALE SEE DETAIL 5, SHEET 2-2439-10  
FINAL GRADING OF SWALE TO BE DETERMINED ON SITE

PROPOSED EROSION CONTROL BLANKET AND TERRA SEED - SHORT UPLAND TRAIL NATIVE SEED MIX SEE NOTES ON SHEET 2-2439-9 SEE DETAIL 4, SHEET 2-2439-11

OPSD 971-101 - FARM FENCE SEE DETAIL 1, SHEET 2-2439-12 (provisional item) 1.2m HEIGHT, WOOD POSTS ONLY, NO GATES

PROPOSED SWALE SEE DETAIL 5, SHEET 2-2439-10  
FINAL GRADING OF SWALE TO BE DETERMINED ON SITE

0.6m WIDE FLAT BUFFER ALONG PATH (TYP.)  
PROPOSED BRIDGE ABUTMENT REFER TO STRUCTURAL DRAWINGS

PROPOSED CREEK BANK (WET MEADOW MIX) SEE NOTES ON SHEET 2-2439-6

PROPOSED SHORT UPLAND TRAIL NATIVE SEED MIX SEE NOTES ON SHEET 2-2439-6

PROPOSED CREEK BANK (WET MEADOW MIX) SEE NOTES ON SHEET 2-2439-6

MATCH LINE - SEE SHEET No. 2-2439-7, ENLARGEMENT 'B'

MATCH LINE - SEE SHEET No. 2-2439-7, ENLARGEMENT 'B'

**LANDSCAPE NOTES:**

1. All work to be carried out in accordance with by-laws and codes having jurisdiction over the location.
2. Complete all work to the satisfaction of the Landscape Architect.
3. Report any changes, discrepancies or substitutions to the Landscape Architect for review. Obtain approval from the Landscape Architect before proceeding.
4. It is the contractor's responsibility to determine existing service locations.
5. Exact locations of plant material will be determined by placement of site services such as hydro vaults, meters, utilities roof rain water leaders, driveways, light standards, etc.
6. All plant material locations to be staked or marked out and approved by Landscape Architect prior to installation.
7. Supply all plant material in accordance with the Canadian Standards for Nursery Stock (B8 ed.).
8. Install plant material according to details shown.
9. Supply and place mulch in accordance with Canadian Landscape Standard (Section 10, Mulching). Disturbed soil areas around trees and shrubs are to be covered with shredded conifer bark mulch such as Cedar Bark Mulch by All Treat Farms or Classic Cedar Mulch by Gro-Bark, or approved equivalent. Alternative mulches must be approved by the Landscape Architect.
10. Contractor to utilize layout dimensions where provided.
11. Provide planting bed area as noted on the drawing or to accommodate mature size of plant material.
12. All support systems must be removed by the contractor at time of final acceptance. No extras will be paid to complete this work.
13. Supply and place topsoil in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) to a minimum depth of 150mm unless otherwise specified.
14. Supply and place sod in accordance with Canadian Landscape Standard (Section 7, Lawns & Grass and Section 8, Turfgrass Sod) unless otherwise specified.
15. Supply and place seed in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) unless otherwise specified. All 5:1 or greater slopes to be seeded with topsoil. Contractor to provide necessary erosion control protection as required to ensure soil stabilization and proper seed germination.
16. All dimensions in meters unless otherwise noted.
17. If discrepancies arise between plant material count shown on drawing and plant list, the drawing shall be considered correct.
18. Contractor to provide minimum one (1) year warranty (including trees on municipal property) from date accepted on all work unless otherwise specified.
19. Not for construction unless stamped, signed and dated by Landscape Architect.
20. Drawings to be reproduced without written consent from Landscape Architect.
21. Approval of landscape plan to be obtained from municipally.
22. All plant material to be planted a minimum of 1.0m from any swales or ditches.

**TERRASED NOTES:**

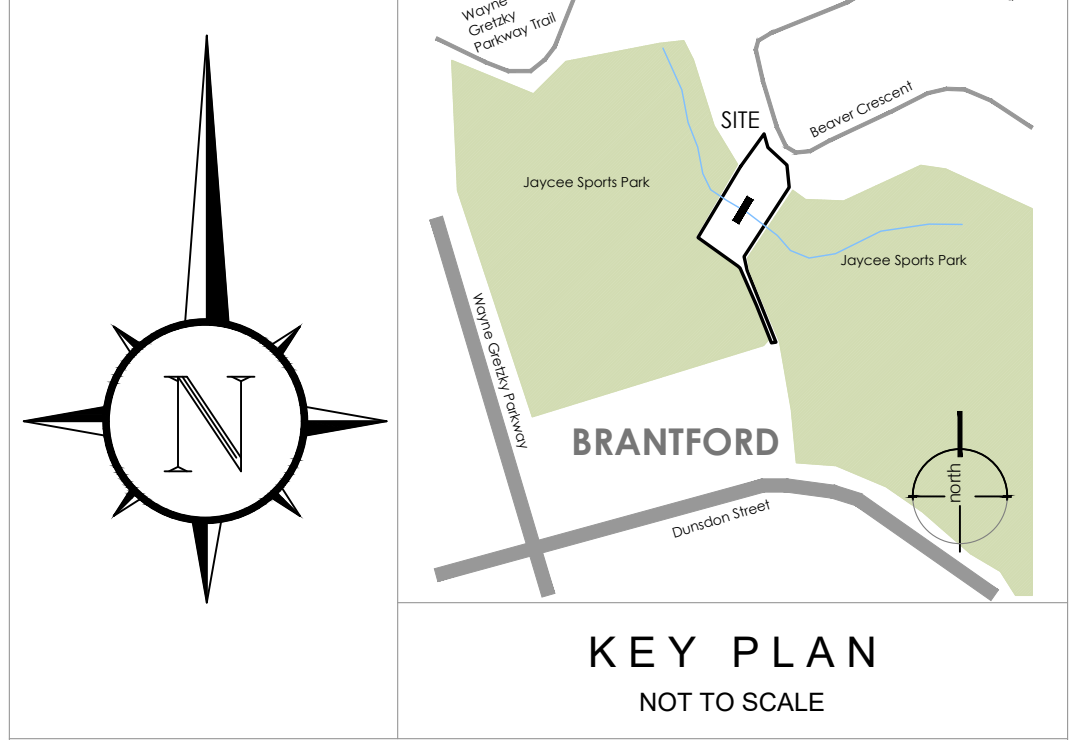
1. Areas to be seeded with naturalization mix shall receive an application of naturalization seed at the rate of 25-30 kg/hectare or 2 kg/100m<sup>2</sup> for spot applications, in the following mixture:  
**Short Upland Trail Native Seed Mix\***  
Black-eyed Susan (*Rudbeckia hirta*)  
Canada Goldenrod (*Solidago canadensis*)  
Canada Wild Rye (*Elymus canadensis*)  
Hoary Vervain (*Verbena stricta*)  
Little Blue Stem (*Schizachyrium scoparium*)  
New England Aster (*Aster novae-angliae*)  
Showy-lick Trefall (*Desmodium canadense*)  
Grey Goldenrod (*Solidago bicolor*)  
Beebalm (*Monarda fistulosa*)

2. **Creek Bank (Wet Meadow) Native Seed Mix\***  
Big Blue Stem (*Andropogon gerardii*)  
Black-eyed Susan (*Rudbeckia hirta*)  
Bottlebrush Grass (*Elymus hystrix*)  
Fowl Bluegrass (*Poa palustris*)  
Fowl Mannagrass (*Glyceria striata*)  
Fox Sedge (*Carex vulpinoidea*)  
New England Aster (*Aster novae-angliae*)

3. **Bungalow Lawn Seed Mixture**  
Kentucky Bluegrass  
Creeping Red Fescue  
Annual Rye Grass

\*apply with Annual Oats (*Avena sativa*) nursecrop at 22kg/hectare.  
Supplied by:  
Ontario Seed Company (OSC) (or approved equal)  
P: 1-519-886-0557  
W: info@oscseeds.com

2. Contractor responsible for soil test to determine fertilizer rates. Results of soil test shall be provided to the Landscape Architect for review and approval.
3. Hydraulic mulch to be approved by the Landscape Architect shall be applied at the rate of 2100kg per hectare.
4. The contractor shall not carry out the work under adverse weather conditions such as high wind, frozen ground or ground covered with snow, ice or standing water.
5. Grade sub-grade, eliminate uneven areas and low spots, ensure positive drainage. Remove debris, roots, branches, stones in excess of 50mm diameter and other deleterious materials. Remove subsoil that has been contaminated with oil, gasoline or calcium chloride, dispose of removed material as directed by Landscape Architect.
6. Grade seed bed for terraseeding to a uniform surface and remove vegetation which may interfere with seeding operations. Loosen soil to depth of 25mm minimum and remove stones and foreign material which protrude more than 75mm above the surface.
7. All areas to be terraseeded to receive 150mm of topsoil.
8. Seeded areas to be maintained by contractor ensuring adequate water, fertilizer, maintenance and repair until seeded areas are properly established. Areas seeded in fall will be accepted in following spring, one month after start of growing season provided acceptance conditions are fulfilled.



**LEGEND**

- existing tree to remain
- proposed deciduous tree
- proposed 2.0m wide asphalt path with sodded 0.6m wide flat buffer either side
- existing elevation
- proposed swale
- proposed terraseed - short upland trail native seed mix
- proposed terraseed - creek bank (wet meadow mix)
- proposed terraseed - lawn seed mix
- proposed terraseed - short upland trail native seed mix and erosion control blanket
- provisional item - 1.2m height OPSD 971-101 wooden posts only, no gates

LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

**SURVEY NOTE REFERENCE:**

| No. | DATE       | REVISIONS                  | INIT.     |
|-----|------------|----------------------------|-----------|
| 5   | Aug 22/24  | Issued For Pricing         | M.P. c.d. |
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| 2   | June 15/23 | Issued For Tender          | M.M. v.d. |

DATE OF PLOT August 22, 2024



**LANDSCAPE PLAN - PLANTING ENLARGEMENT 'A'**

**JAYCEE PARK TRAIL**  
From: BEAVER CRESCENT  
To: DUNSDON STREET

|                      |      |  |
|----------------------|------|--|
| APP'D.               | DES. | RATIO: HORIZ. 1:250<br>VERT. 1:100                                   |
|                      |      | DESIGNED BY: MM/VD<br>DRAWN BY: V. DAMONE<br>CHECKED BY: M. PATRUCCI |
| PROJECT No. PK 2226  |      | DATE: AUGUST, 2024   |
| DRAWING No. 2-2439-6 |      |  |

**PLANT SCHEDULE ENLARGEMENT A**

| TREES         | BOTANICAL NAME          | COMMON NAME         | SIZE      | COND.    | MATURE HT. (M) | MATURE SPR. (M) | O.C. (M) | REMARKS           |
|---------------|-------------------------|---------------------|-----------|----------|----------------|-----------------|----------|-------------------|
| 4             | Acer x freemanii        | Freeman Maple       | 50mm Cal. | W.B.     | 18.0           | 12.0            |          |                   |
| 3             | Carpinus caroliniana    | American Hornbeam   | 50mm Cal. | W.B.     | 9.0            | 10.0            | As Shown | Native to Ontario |
| 6             | Ostrya virginiana       | Ironwood            | 50mm Cal. | W.B.     | 10.0           | 7.0             | As Shown | Native to Ontario |
| 2             | Quercus rubra           | Red Oak             | 50mm Cal. | W.B.     | 18.0           | 17.0            | As Shown | Native to Ontario |
| SHRUBS        | BOTANICAL NAME          | COMMON NAME         | SIZE      | COND.    | MATURE HT. (M) | MATURE SPR. (M) | O.C. (M) | REMARKS           |
| 9             | Comus racemosa          | Gray Dogwood        | 60cm      | #3 cont. | 3.0            | 2.5             |          | Native to Ontario |
| 20            | Comus sericea           | Red Osier Dogwood   | 50cm      | #3 cont. | 1.75           | 2.0             | 1.75     | Native to Ontario |
| 67            | Physocarpus opulifolius | Common Ninebark     | 50cm      | #3 cont. | 1.75           | 1.75            | 1.6      | Native to Ontario |
| 20            | Rhus aromatica          | Fragrant Sumac      | 60cm      | #3 cont. | 1.3            | 1.75            | 1.7      | Native to Ontario |
| GROUND COVERS | BOTANICAL NAME          | COMMON NAME         | SIZE      | COND.    | MATURE HT. (M) | MATURE SPR. (M) | O.C. (M) | REMARKS           |
| 31            | Rhus typhina            | Staghorn Sumac      | 50cm      | #3 cont. | 2.5            | 2.5             |          | Native to Ontario |
| 152           | Rubus odoratus          | Flowering Raspberry | 30cm      | #2 cont. | 1.5            | 1.25            | 1.0      | Native to Ontario |
| 83            | Taxus canadensis        | Canadian Yew        | 40cm      | #3 cont. | 0.50           | 0.80            | 0.70     | Native to Ontario |

**PLANTING NOTE:**  
PLANTING WITHIN THIS AREA IS TO BE PROVISIONAL AND BASED ON AVAILABLE ROOM REMAINING, FOLLOWING GRADING AND REMOVALS.

Z:\PROJECTS\_FILES\PROJECTS\_2023\2-2439\_JAYCEE\_TRAIL\_BRANTFORD\01-CURRENT\_DRAWINGS\2-2439-06\_LANDSCAPE\_PLAN\_ENLARGEMENT\_A.dwg



MATCH LINE -  
SEE SHEET No. 2-2439-6, ENLARGEMENT 'A'

MATCH LINE -  
SEE SHEET No. 2-2439-6, ENLARGEMENT 'A'

**LANDSCAPE NOTES:**

- All work to be carried out in accordance with by-laws and codes having jurisdiction over site location.
- Complete all work to the satisfaction of the Landscape Architect. Report any changes, discrepancies or substitutions to the Landscape Architect for review. Obtain approval from the Landscape Architect before proceeding.
- It is the contractor's responsibility to determine existing service locations.
- Exact locations of plant material will be determined by placement of site services such as hydro vaults, manholes, utilities roof rain water leaders, driveways, light standards, etc.
- All plant material locations to be staked or marked out and approved by Landscape Architect prior to installation.
- Supply all plant material in accordance with the Canadian Standards for Nursery Stock (8th ed.).
- Install plant material according to details shown.
- Supply and place mulch in accordance with Canadian Landscape Standard (Section 10, Mulching). Disturbed soil areas around trees and shrubs are to be covered with shredded conifer bark mulch such as Cedar Bark Mulch by All Treat Farms or Classic Cedar Mulch by Gro-Bark, or approved equivalent. Alternative mulches must be approved by the Landscape Architect.
- Contractor to utilize layout dimensions where provided.
- Provide planting bed area as noted on the drawing or to accommodate mature size of plant material.
- All support systems must be removed by the contractor at time of final acceptance. No extras will be paid to complete this work.
- Supply and place topsoil in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) to a minimum depth of 150mm unless otherwise specified.
- Supply and place soil in accordance with Canadian Landscape Standard (Section 7, Lawns & Grass and Section 8, Turfgrass Sod/linings otherwise specified).
- Supply and place seed in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) unless otherwise specified. All 5:1 or greater slopes to be seeded with topsoil. Contractor to provide necessary erosion control protection as required to ensure soil stabilization and proper seed germination.
- All dimensions in meters unless otherwise noted.
- If discrepancies arise between plant material count shown on drawing and plant list, the drawing shall be considered correct.
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- Drawings not to be reproduced without written consent from Landscape Architect.
- Approval of landscape plan to be obtained from municipality.
- All plant material to be planted a minimum of 1.0m from any swales or ditches.

**TERRASEED NOTES:**

- Areas to be seeded with naturalization mix shall receive an application of naturalization seed at the rate of 25-30 kg/hectare or 2 kg/100m<sup>2</sup> for spot applications, in the following mixture:

**Short Upland Trail Native Seed Mix\***

- Black-eyed Susan (*Rudbeckia hirta*)
- Canada Goldenrod (*Solidago canadensis*)
- Canada Wild Rye (*Elymus canadensis*)
- Hoary Vervain (*Verbena stricta*)
- Little Blue Stem (*Schizachyrium scoparium*)
- New England Aster (*Aster novae-angliae*)
- Showy-lick Trefol (*Desmodium canadense*)
- Grey Goldenrod (*Solidago bicolor*)
- Beebalm (*Monarda fistulosa*)

**Creek Bank (Wet Meadow) Native Seed Mix\***

- Big Blue Stem (*Andropogon gerardi*)
- Black-eyed Susan (*Rudbeckia hirta*)
- Bottlebrush Grass (*Elymus hystrix*)
- Fowl Bluegrass (*Poa palustris*)
- Fowl Mannagrass (*Silyberia siliata*)
- Fox Sedge (*Carex vulpinoidea*)
- New England Aster (*Aster novae-angliae*)

**Bungalow Lawn Seed Mixture**

- Kentucky Bluegrass
- Creeping Red Fescue
- Annual Rye Grass

\*apply with Annual Oats (*Avena sativa*) nursecrop at 22kg/hectare.

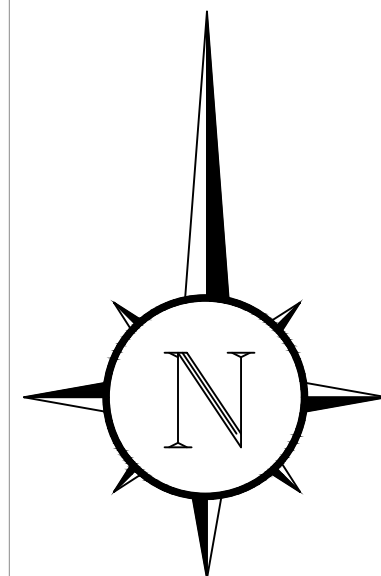
Supplied by:  
Ontario Seed Company (OSC) (or approved equal)  
P: 1-519-886-0557  
W: info@oscseeds.com

- Contractor responsible for soil test to determine fertilizer rates. Results of soil test shall be provided to the Landscape Architect for review and approval.
- Hydraulic mulch to be approved by the Landscape Architect shall be applied at the rate of 2100kg per hectare.
- The contractor shall not carry out the work under adverse weather conditions such as high wind, frozen ground or ground covered with snow, ice or standing water.
- Grade sub-grade, eliminate uneven areas and low spots, ensure positive drainage. Remove debris, roots, branches, stones in excess of 50mm diameter and other deleterious materials. Remove subsoil that has been contaminated with oil, gasoline or calcium chloride, dispose of removed material as directed by Landscape Architect.
- Grade seed bed for terraseeding to a uniform surface and remove vegetation which may interfere with seeding operations. Loosen soil to depth of 25mm minimum and remove stones and foreign material which protrude more than 75mm above the surface.
- All areas to be terraseeded to receive 150mm of topsoil.
- Seeded areas to be maintained by contractor ensuring adequate water, fertilizer, maintenance and repair until seeded areas are properly established. Areas seeded in fall will be accepted in following spring, one month after start of growing season provided acceptance conditions are fulfilled.

**PLANT SCHEDULE ENLARGEMENT B**

| TREES  | BOTANICAL NAME            | COMMON NAME            | SIZE      | COND.    | MATURE HT. (M) | MATURE SPR. (M) | O.C. (M) | REMARKS           |
|--------|---------------------------|------------------------|-----------|----------|----------------|-----------------|----------|-------------------|
| 3      | <i>Acer x freemanii</i>   | Freeman Maple          | 50mm Cal. | W.B.     | 18.0           | 12.0            |          |                   |
| 4      | <i>Amelanchier laevis</i> | Allegheny Serviceberry | 50mm Cal. | W.B.     | 5.0            | 5.0             | As Shown | Native to Ontario |
| 4      | <i>Ostrya virginiana</i>  | Ironwood               | 50mm Cal. | W.B.     | 10.0           | 7.0             | As Shown | Native to Ontario |
| 3      | <i>Quercus rubra</i>      | Red Oak                | 50mm Cal. | W.B.     | 18.0           | 17.0            | As Shown | Native to Ontario |
| SHRUBS | BOTANICAL NAME            | COMMON NAME            | SIZE      | COND.    | MATURE HT. (M) | MATURE SPR. (M) | O.C. (M) | REMARKS           |
| 9      | <i>Cornus racemosa</i>    | Gray Dogwood           | 60cm      | #3 cont. | 3.0            | 3.0             | 2.5      | Native to Ontario |
| 14     | <i>Cornus sericea</i>     | Red Osier Dogwood      | 50cm      | #3 cont. | 1.75           | 2.0             | 1.75     | Native to Ontario |

**PLANTING NOTE:**  
PLANTING WITHIN THIS AREA IS TO BE PROVISIONAL AND BASED ON AVAILABLE ROOM REMAINING, FOLLOWING GRADING AND REMOVALS.

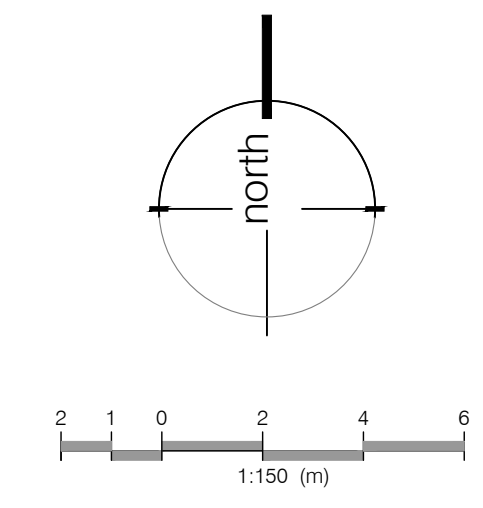


**KEY PLAN**  
NOT TO SCALE

**LEGEND**

- existing tree to remain
- proposed deciduous tree
- proposed 2.0m width asphalt path with sodded 0.6m wide flat buffer either side
- existing elevation
- proposed terraseed - short upland trail native seed mix
- proposed swale

JAYCEE SPORTS PARK



MATCH LINE - SEE SHEET No. 2-2439-8, ENLARGEMENT 'C'

MATCH LINE - SEE SHEET No. 2-2439-8, ENLARGEMENT 'C'

LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE, BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

**SURVEY NOTE REFERENCE:**

| No. | DATE       | REVISIONS                  | INIT.     |
|-----|------------|----------------------------|-----------|
| 5   | Aug 22/24  | Issued For Pricing         | M.P. c.d. |
| 4   | May 24/24  | Issued For Construction    | M.M. c.p. |
| 3   | April 2/24 | Issued For Tender Addendum | M.M. v.d. |
| 2   | June 15/23 | Issued For Tender          | M.M. v.d. |

DATE OF PLOT August 22, 2024



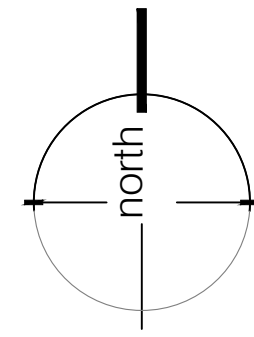
**LANDSCAPE PLAN - PLANTING ENLARGEMENT 'B'**

**JAYCEE PARK TRAIL**

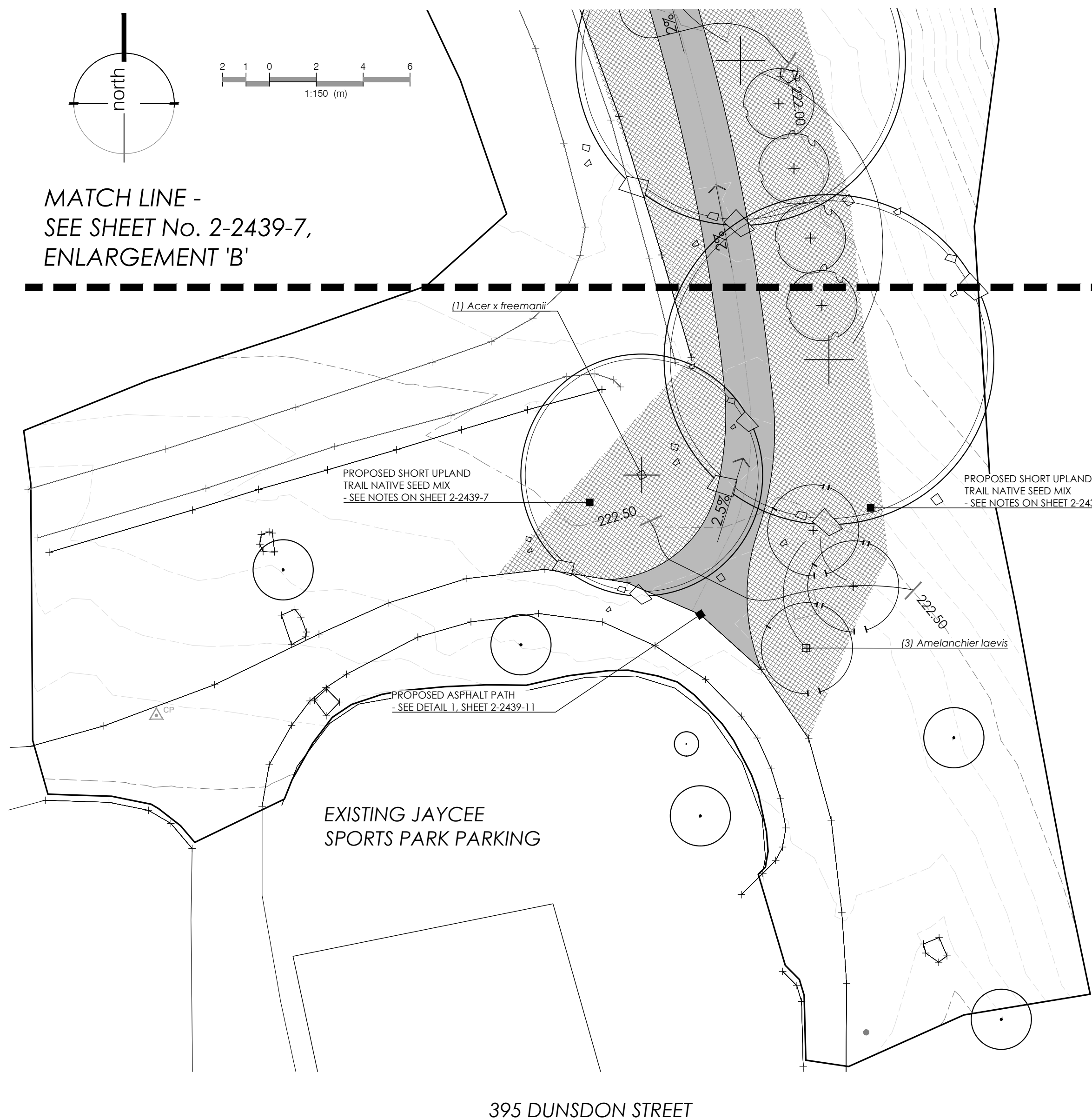
From: BEAVER CRESCENT  
To: DUNDON STREET

|                      |      |  |
|----------------------|------|--|
| APP'D.               | DES. | RATIO: HORIZ. 1:250<br>VERT. 1:100                                   |
|                      |      | DESIGNED BY: MM/VD<br>DRAWN BY: V. DAMONE<br>CHECKED BY: M. PATRUCCI |
| PROJECT No. PK 2226  |      | DATE: AUGUST, 2024   |
| DRAWING No. 2-2439-7 |      |  |

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MATCH LINE -  
SEE SHEET No. 2-2439-7,  
ENLARGEMENT 'B'



MATCH LINE -  
SEE SHEET No. 2-2439-7,  
ENLARGEMENT 'B'

**LANDSCAPE NOTES:**

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- Supply all plant material in accordance with the Canadian Standards for Nursery Stock (8th ed.).
- Install plant material according to details shown.
- Supply and place mulch in accordance with Canadian Landscape Standard (Section 10, Mulching). Disturbed soil areas around trees and shrubs are to be covered with shredded conifer bark mulch such as 'Cedar Bark Mulch' by All Treat Farms or 'Classic Cedar Mulch' by Gro-Bark, or approved equivalent. Alternative mulches must be approved by the Landscape Architect.
- Contractor to utilize layout dimensions where provided to accommodate mature size of plant material.
- All support systems must be removed by the contractor at time of final acceptance. No extras will be paid to complete this work.
- Supply and place topsoil in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) to a minimum depth of 150mm unless otherwise specified.
- Supply and place sod in accordance with Canadian Landscape Standard (Section 7, Lawns & Grass and Section 8, Turfgrass Sod) unless otherwise specified.
- Supply and place seed in accordance with Canadian Landscape Standard (Section 4, Grading & Drainage and Section 6, Growing Medium) unless otherwise specified. All 1:1 or greater slopes to be seeded with topsoil. Contractor to provide necessary erosion control protection as required to ensure soil stabilization and proper seed germination.
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**TERRASEED NOTES:**

- Areas to be seeded with naturalization mix shall receive an application of naturalization seed at the rate of 25-30 kg/hectare or 2 kg/100m<sup>2</sup> for spot applications, in the following mixture:

**Short Upland Trail Native Seed Mix\***

- Black-eyed Susan (*Rudbeckia hirta*)
- Canada Goldenrod (*Solidago canadensis*)
- Canada Wild Rye (*Elymus canadensis*)
- Hoop Vervain (*Verbena stricta*)
- Little Blue Stem (*Schizochyrium scoparium*)
- New England Aster (*Aster novae-angliae*)
- Showy-lick Trefall (*Desmodium canadense*)
- Grey Goldenrod (*Solidago bicolor*)
- Beebalm (*Monarda fistulosa*)

**Creek Bank (Wet Meadow) Native Seed Mix\***

- Big Blue Stem (*Andropogon gerardii*)
- Black-eyed Susan (*Rudbeckia hirta*)
- Botlebrush Grass (*Elymus hystrix*)
- Fowl Bluegrass (*Poa polystris*)
- Fowl Mannagrass (*Glyceria striata*)
- Fox Sedge (*Carex vulpinoidea*)
- New England Aster (*Aster novae-angliae*)

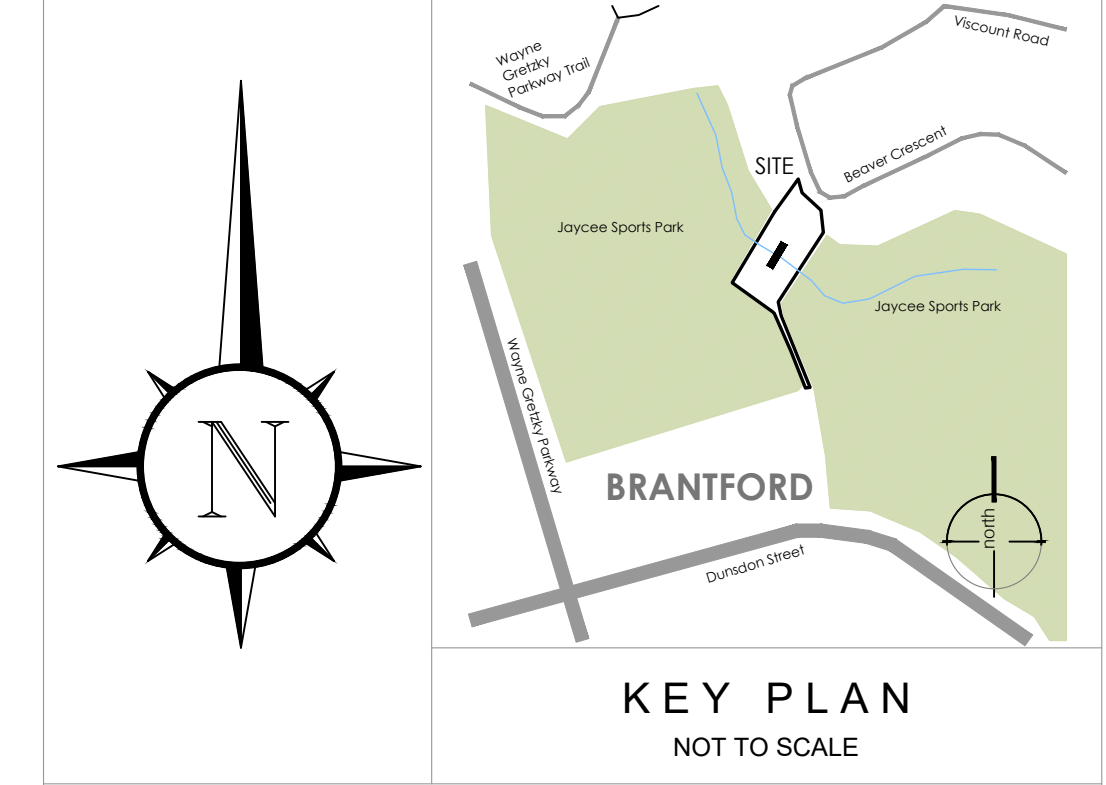
**Bungalow Lawn Seed Mixture**

- Kentucky Bluegrass
- Creeeping Red Fescue
- Annual Rye Grass

\*apply with Annual Oats (*Avena sativa*) nursecrop at 22kg/hectare.

Supplied by:  
Ontario Seed Company (OSC) [or approved equal]  
P: 1-519-884-0557  
W: info@oscseeds.com

- Contractor responsible for soil test to determine fertilizer rates. Results of soil test shall be provided to the Landscape Architect for review and approval.
- Hydraulic mulch to be approved by the Landscape Architect shall be applied at the rate of 210kg per hectare.
- The contractor shall not carry out the work under adverse weather conditions such as high wind, frozen ground or ground covered with snow, ice or standing water.
- Grade sub-grade, eliminate uneven areas and low spots, ensure positive drainage. Remove debris, roots, branches, stones in excess of 50mm diameter and other deleterious materials. Remove subsoil that has been contaminated with oil, gasoline or calcium chloride, dispose of removed material as directed by Landscape Architect.
- Grade seed bed for terraseeding to a uniform surface and remove vegetation which may interfere with seeding operations. Loosen soil to depth of 25mm minimum and remove stones and foreign material which protrude more than 75mm above the surface.
- All areas to be terraseeded to receive 150mm of topsoil.
- Seeded areas to be maintained by contractor ensuring adequate water, fertilizer, maintenance and repair until seeded areas are properly established. Areas seeded in fall will be accepted in following spring, one month after start of growing season provided acceptance conditions are fulfilled.



**LEGEND**

- existing tree to remain
- proposed deciduous tree
- proposed 2.0m width asphalt path with sodded 0.6m wide flut buffer either side
- existing elevation
- proposed terraced - short upland trail native seed mix

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| 4   | May 24/24  | Issued For Construction    | M.M. c.p. |
| 3   | April 2/24 | Issued For Tender Addendum | M.M. v.d. |
| 2   | June 15/23 | Issued For Tender          | M.M. v.d. |

DATE OF PLOT: August 22, 2024



LANDSCAPE PLAN - PLANTING ENLARGEMENT 'C'  
**JAYCEE PARK TRAIL**  
From: BEAVER CRESCENT  
To: DUNSDON STREET

APP'D. DES. RATIO: HORIZ. 1:250  
VERT. 1:100

DESIGNED BY: MM/VD  
DRAWN BY: V. DAMONE  
CHECKED BY: M. PATTUCCI

DATE: AUGUST, 2024

**PLANT SCHEDULE ENLARGEMENT C**

| TREES | BOTANICAL NAME            | COMMON NAME            | SIZE      | COND. | MATURE HT. (M) | MATURE SPR. (M) | O.C. (M) | REMARKS           |
|-------|---------------------------|------------------------|-----------|-------|----------------|-----------------|----------|-------------------|
| 1     | <i>Acer x freemanii</i>   | Freeman Maple          | 50mm Cal. | W.B.  | 18.0           | 12.0            |          |                   |
| 3     | <i>Amelanchier laevis</i> | Allegheny Serviceberry | 50mm Cal. | W.B.  | 5.0            | 5.0             | As Shown | Native to Ontario |

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**LANDSCAPE NOTES:**

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**Short Upland Trail Native Seed Mix\***

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- Canada Goldenrod (*Solidago canadensis*)
- Canada Wild Rye (*Elymus canadensis*)
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**Creek Bank (Wet Meadow) Native Seed Mix\***

- Big Blue Stem (*Andropogon gerardii*)
- Black-eyed Susan (*Rudbeckia hirta*)
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- Fowl Bluegrass (*Poa palustris*)
- Fowl Mannagrass (*Glyceria striata*)
- Fox Sedge (*Carex vulpinoidea*)
- New England Aster (*Aster novae-angliae*)

**Bungalow Lawn Seed Mixture**

- Kentucky Bluegrass
- Creeping Red Fescue
- Annual Rye Grass

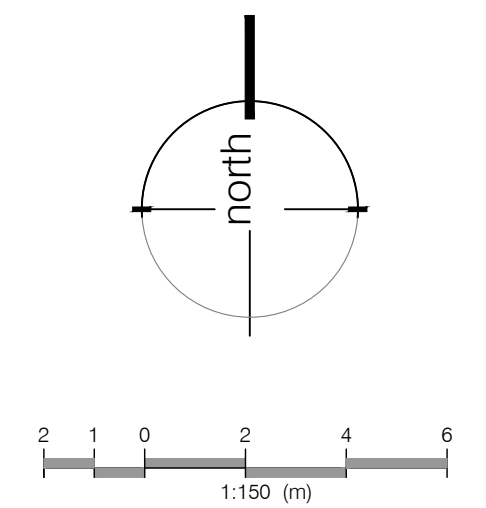
\*Apply with Annual Oats (*Avena sativa*) nursecrop at 22kg/hectare.

Supplied by:  
Ontario Seed Company (OSC) (or approved equal)  
P: 1-519-886-0557  
W: info@oscseeds.com

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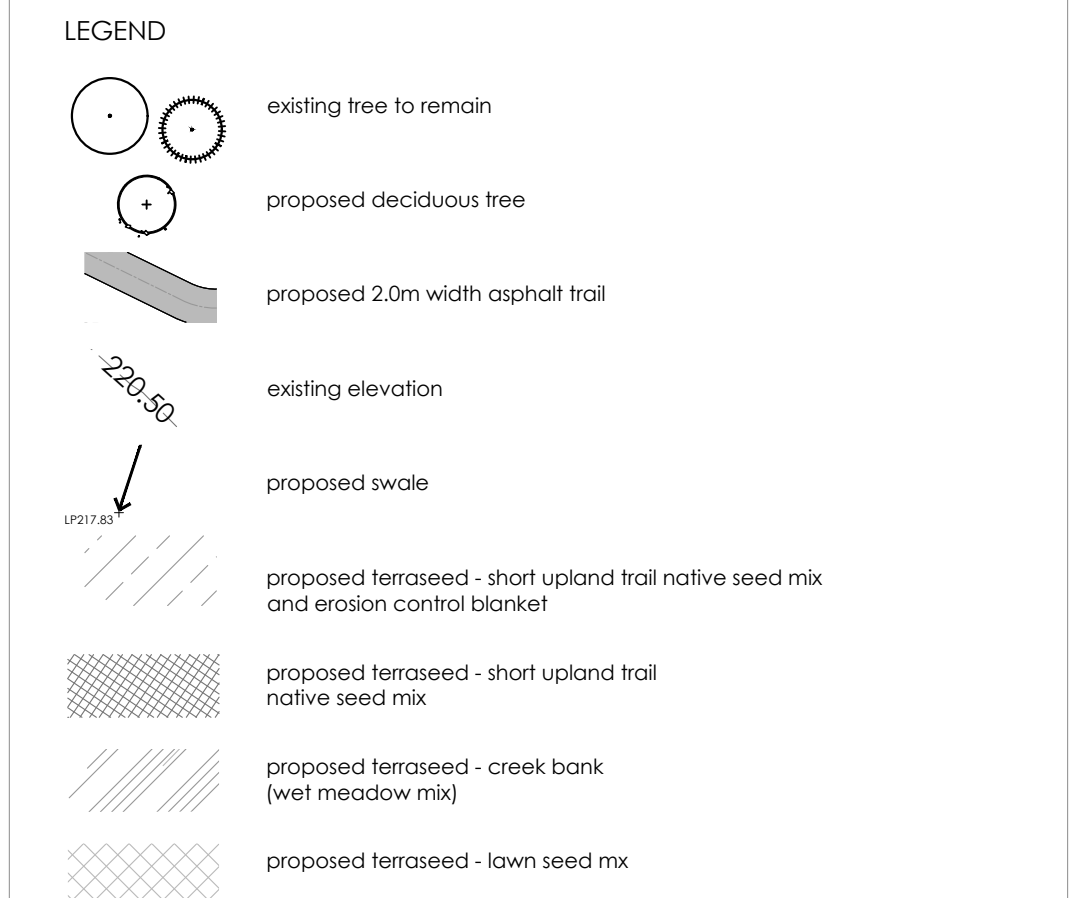
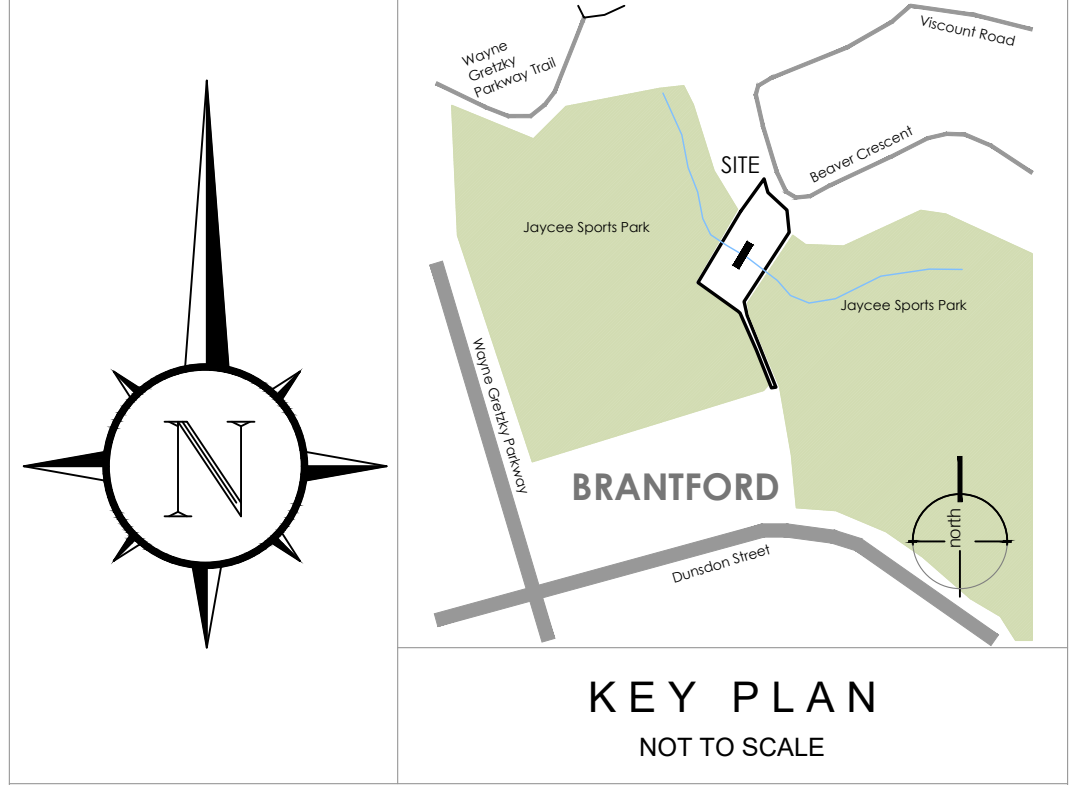
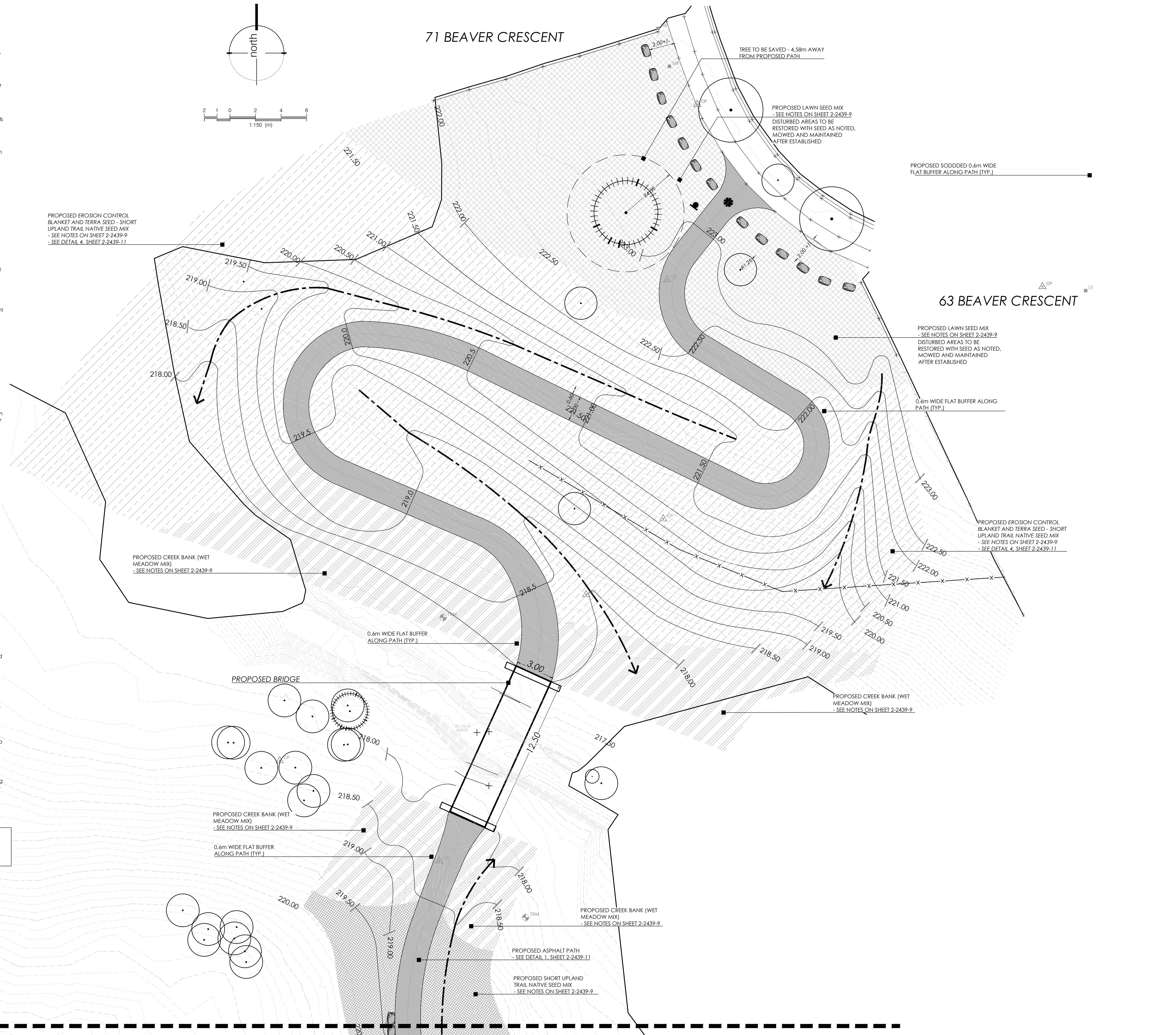
**NOTE:**

- DISTURBED AREAS TO BE SEED WITH NATIVE SEED MIX & SOIL STABILIZER. SEE TERRASEED NOTES FOR FURTHER INFORMATION AND PLAN FOR LAYOUT (EROSION CONTROL AND SEEDING LAYOUT PLAN)



**71 BEAVER CRESCENT**

**63 BEAVER CRESCENT**



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**SURVEY NOTE REFERENCE:**

| No. | DATE       | REVISIONS                  | INIT.     |
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| 5   | Aug 22/24  | Issued For Pricing         | M.P. c.d. |
| 4   | May 24/24  | Issued For Construction    | M.M. c.p. |
| 3   | April 2/24 | Issued For Tender Addendum | M.M. v.d. |
| 2   | June 15/23 | Issued For Tender          | M.M. v.d. |

DATE OF PLOT: August 22, 2024



**EROSION CONTROL & SEEDING LAYOUT PLAN**

**JAYCEE PARK TRAIL**

From: BEAVER CRESCENT  
To: DUNSDON STREET

|                      |      |  |
|----------------------|------|--|
| APP'D.               | DES. | RATIO: HORIZ. 1:250<br>VERT. 1:100                                   |
|                      |      | DESIGNED BY: MM/VD<br>DRAWN BY: V. DAMONE<br>CHECKED BY: M. PATRUCCI |
| PROJECT No. PK 2226  |      | DATE: AUGUST, 2024   |
| DRAWING No. 2-2439-9 |      |  |

MATCH LINE -  
SEE SHEET No. 2-2439-7, ENLARGEMENT 'B'

MATCH LINE -  
SEE SHEET No. 2-2439-7, ENLARGEMENT 'B'

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# NOTES & DETAILS

(D2, PARKS & RECREATION)

## GENERAL NOTES

- Remove subsoil, rocks, roots, and foreign debris from excavated material. Dispose off site.
- Tree hole depths to be 300mm wider than the perimeter of root ball or root system.
- Tree hole depths to be no deeper than the root ball. In heavy clay or poorly drained soil, place so that root collar is positioned 75mm higher than surrounding grade. Otherwise position root collar at finished grade level.
- Scarify sides of planting hole.
- Scarify soil preparation area (5x dia. of root ball) to a depth of 300mm for aeration.
- Hole to be back filled, tamped (in 150mm lifts), and watered to eliminate air pockets.
- Saucer shall be soaked with water and mulched immediately following planting.

## MULCHING

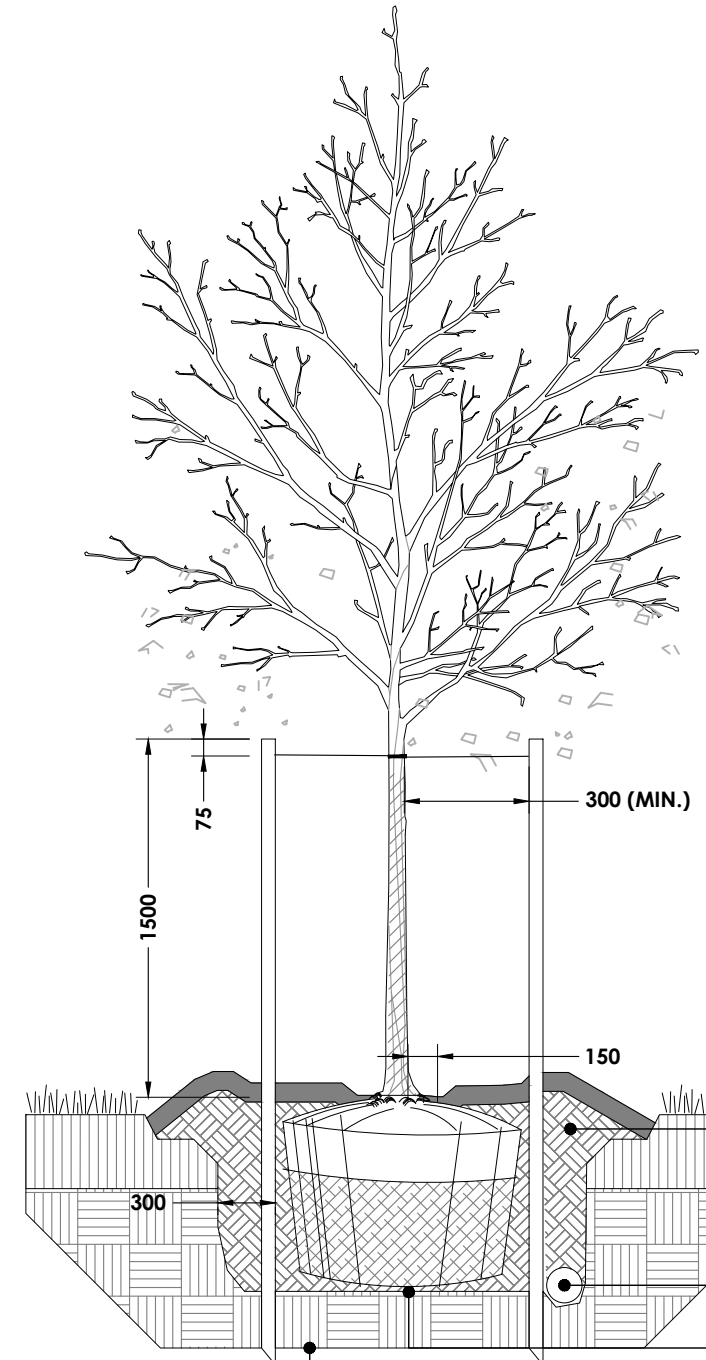
Mulch with approved shredded bark mulch to depth of 100mm. Keep mulch 150mm away from trunk. 100mm high raised saucer (except in bed areas).

## WARRANTY

The contractor warrants that all materials and workmanship will remain free of defects for two full growing seasons. The consultant reserves the right to extend the warranty period if development and growth are not sufficient to ensure future survival. Stakes and ties to be removed at end of warranty period.

## REFERENCE STANDARDS

Planting to be done in accordance with the Canadian Nursery Stock latest edition of the Canadian Nursery Trades Association.



## PLANTING SOIL

Back fill with 50% native soil and 50% soil mixture supplemented with application of fertilizer (20-20-20) Soil mixture to be:  
2 parts screened sandy loam soil  
1 part shredded commercial peat moss  
1 part well rotted manure

## PRUNING

Prune at planting to carefully remove dead, broken, damaged branches only. Do not cut leader.

## ROOT BALL: Burlap, Twine

Cut and remove all wire, burlap, and twine from around trunk and top 1/3 of root ball. Remove all non-biodegradable ties from this zone.

## STAKES

Stake immediately. Use 2 number 1 spruce stakes, 38 x 38 x 2400mm (2" x 2" x 8'). Stakes to be driven beside and below root ball 300mm.  
Stakes to have above grade height of 1500mm free and clear of branches. Tie free to stakes with biodegradable heavy duty jute material (binder twine). Place stakes to avoid damage to root ball, trunk, and branches.  
Remove all tags, plastic and metal ties.

## WATERING

Ensure trees are thoroughly watered at planting and as required during warranty period.

## TREE GUARD (as approved)

To be supplied and installed by contractor.

1  
1

## CITY OF BRANTFORD DECIDUOUS TREE PLANTING DETAIL

N.T.S.

## GENERAL NOTES

- Remove subsoil, rocks, roots, and foreign debris from excavated materials. Dispose off site.
- Planting hole widths to be 300mm wider than the perimeter of root ball or root system.
- Carefully prune damaged, dead or broken branches only. Remove all nursery tags, plastic and/or metal ties.
- Place plant so that the root collar is positioned at the same level as it was grown originally. Set bare root material so that roots lie in a natural state. Backfill with soil mixture working soil between roots.
- Tamp and water plants when backfilled to eliminate air pockets.
- Water plants immediately after planting.
- Space plants as indicated on the drawing.

## MULCHING

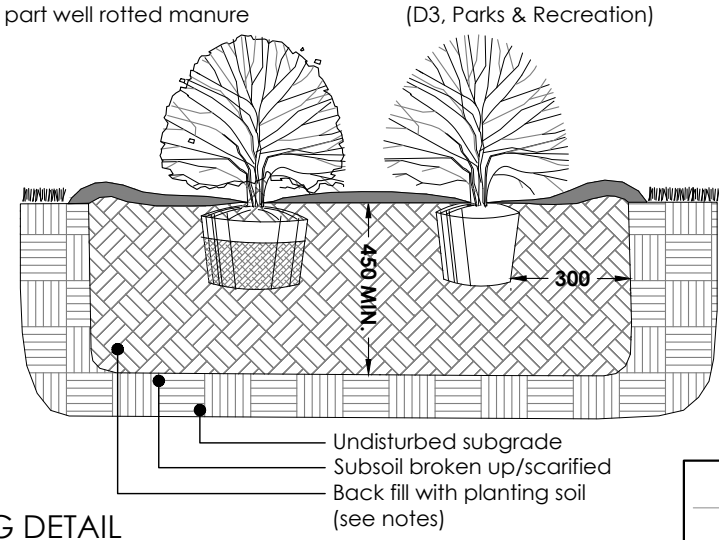
Mulch with approved bark mulch to depth of 100mm. 100mm raised saucer around bed perimeter.

## PLANTING SOIL

Back fill with 50% native soil and 50% soil mixture supplemented with application of fertilizer (20-20-20). Soil mixture to be:  
2 parts screened sandy loam soil  
1 part shredded commercial peat moss  
1 part well rotted manure

## PLANTING

Balled and burlap root balls - loosen burlap and cut away a minimum top 1/3 without disturbing root ball. Container stock - remove all containers including plastic pots and other containers without disturbing the root ball. Shrubs to be planted in continuous planting beds.



(D3, Parks & Recreation)

## GENERAL NOTES

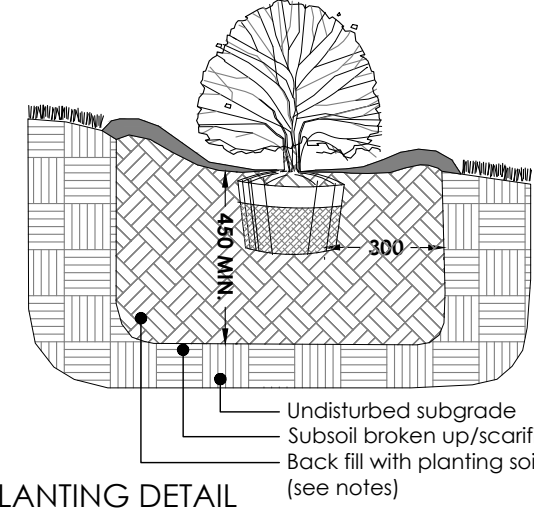
- Remove subsoil, rocks, roots, and foreign debris from excavated materials. Dispose off site.
- Planting hole widths to be 300mm wider than the perimeter of root ball or root system.
- Carefully prune damaged, dead or broken branches only. Remove all nursery tags, plastic and/or metal ties.
- Place plant so that the root collar is positioned at the same level as it was grown originally. Set bare root material so that roots lie in a natural state. Backfill with soil mixture working soil between roots.
- Tamp and water plants when backfilled to eliminate air pockets.
- Water plants immediately after planting.
- Space plants as indicated on the drawing.

## MULCHING

Mulch with approved bark mulch to depth of 100mm. 100mm raised saucer around bed perimeter.

## PLANTING SOIL

Back fill with 50% native soil and 50% soil mixture supplemented with application of fertilizer (20-20-20). Soil mixture to be:  
2 parts screened sandy loam soil  
1 part shredded commercial peat moss  
1 part well rotted manure



(D6, Parks & Recreation)

## WARRANTY

The contractor warrants that all materials and workmanship will remain free of defects for two full growing seasons. The consultant reserves the right to extend the warranty period if development and growth are not sufficient to ensure future survival.

## REFERENCE STANDARDS

Planting to be done in accordance with the Canadian Nursery Stock latest edition of the Canadian Nursery Trades Association.

## CITY OF BRANTFORD SHRUB ON SLOPE PLANTING DETAIL

N.T.S.

3  
1

## CITY OF BRANTFORD SHRUB PLANTING DETAIL

N.T.S.

(D5, PARKS & RECREATION)

## GENERAL NOTES

- Remove subsoil, rocks, roots, and foreign debris from excavated material. Dispose off site.
- Tree hole depths to be 300mm wider than the perimeter of root ball or root system.
- Tree hole depths to be no deeper than the root ball. In heavy clay or poorly drained soil, place so that root collar is positioned 75mm higher than surrounding grade. Otherwise position root collar at finished grade level.
- Scarify sides of planting hole.
- Scarify soil preparation area (5x dia. of root ball) to a depth of 300mm for aeration.
- Hole to be back filled, tamped (in 150mm lifts), and watered to eliminate air pockets.
- Saucer shall be soaked with water and mulched immediately following planting.

## MULCHING

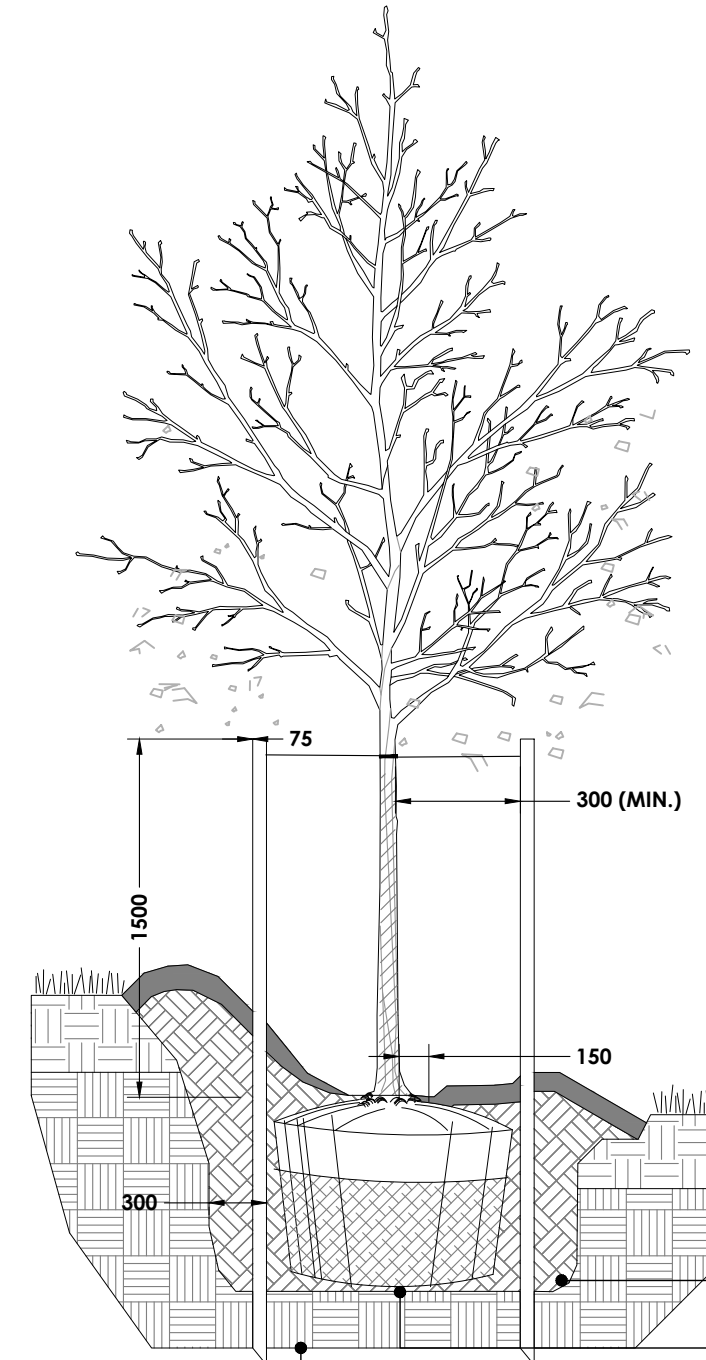
Mulch with approved shredded bark mulch to depth of 100mm. Keep mulch 150mm away from trunk. 100mm high raised saucer (except in bed areas).

## WARRANTY

The contractor warrants that all materials and workmanship will remain free of defects for two full growing seasons. The consultant reserves the right to extend the warranty period if development and growth are not sufficient to ensure future survival. Stakes and ties to be removed at end of warranty period.

## REFERENCE STANDARDS

Planting to be done in accordance with the Canadian Nursery Stock latest edition of the Canadian Nursery Trades Association.

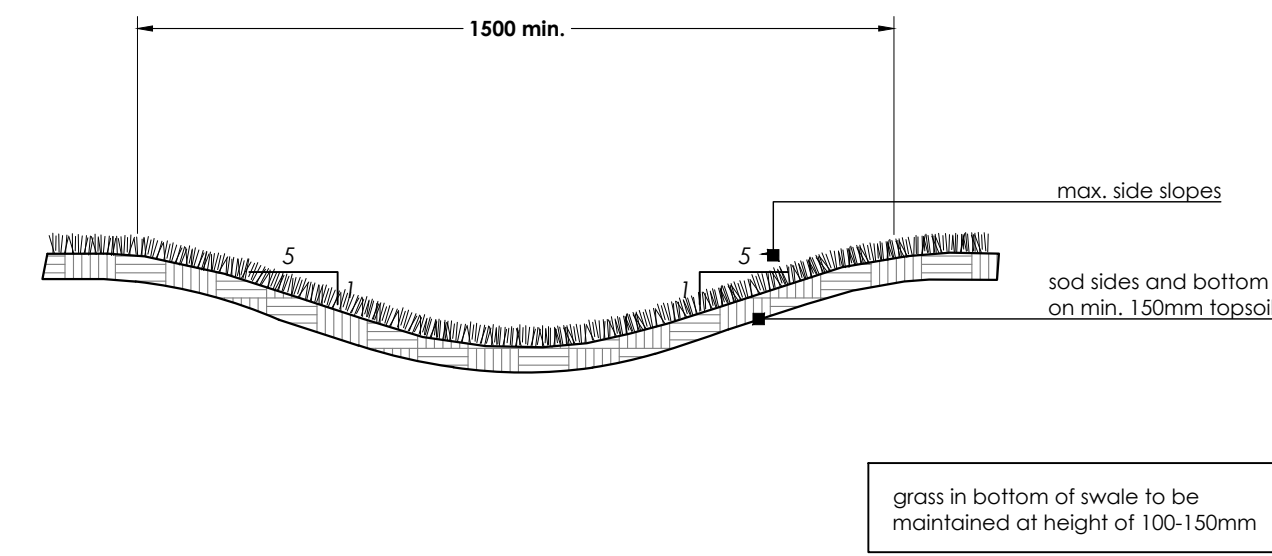


2  
1

## CITY OF BRANTFORD DECIDUOUS TREE ON SLOPE PLANTING DETAIL

N.T.S.

## TYPICAL SWALE CROSS SECTION



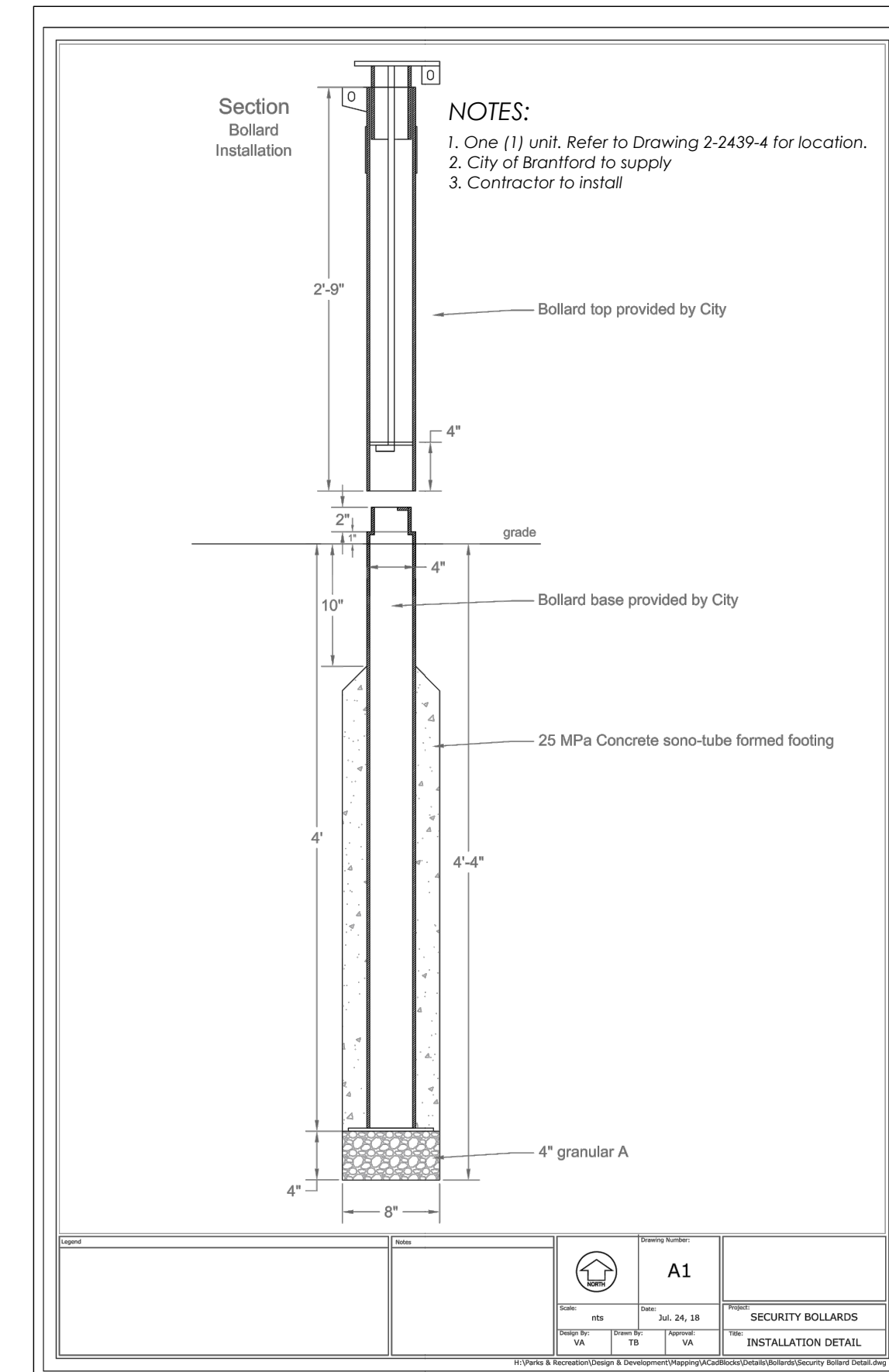
## NOTES:

- Subdrain required for swales with less than a 1.5% slope.
- Longitudinal slopes shall be maximum 10%.
- Discharge water on-site catch basin or soak-away pit as per grading plan.
- Do not convey water over municipal sidewalks or off property.

## SWALE

N.T.S.

5  
1



## NOTES:

- One (1) unit. Refer to Drawing 2-2439-4 for location.
- City of Brantford to supply
- Contractor to install

## SURVEY NOTE REFERENCE:

| No. | DATE       | REVISIONS                  | INIT.     |
|-----|------------|----------------------------|-----------|
| 5   | Aug 22/24  | Issued For Pricing         | M.P. c.d. |
| 4   | May 24/24  | Issued For Construction    | M.M. c.p. |
| 3   | April 2/24 | Issued For Tender Addendum | M.M. v.d. |
| 2   | June 15/23 | Issued For Tender          | M.M. v.d. |

## DATE OF PLOT

August 22, 2024



## NOTES, DETAILS AND LEGEND FOR:

## JAYCEE PARK TRAIL

| APP'D.                  | DES. | RATIO: HORIZ.       | N/A |
|-------------------------|------|---------------------|-----|
|                         |      | VERT.               | N/A |
| DESIGNED BY: MM/VD      |      | DRAWN BY: V. DAMONE |     |
| CHECKED BY: M. PATTUCCI |      | DATE: AUGUST, 2024  |     |

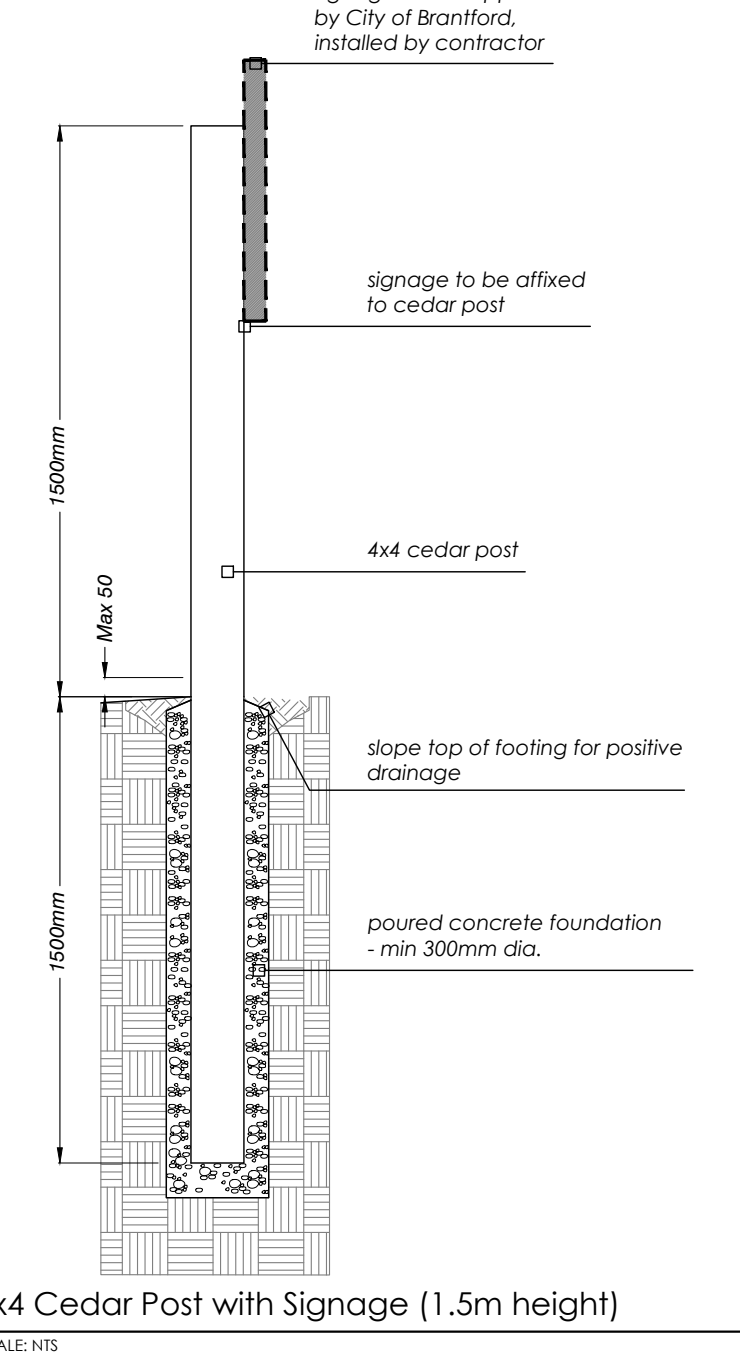
PROJECT No. PK2226 DRAWING No. 2-2439-10

# NOTES & DETAILS

## NOTES

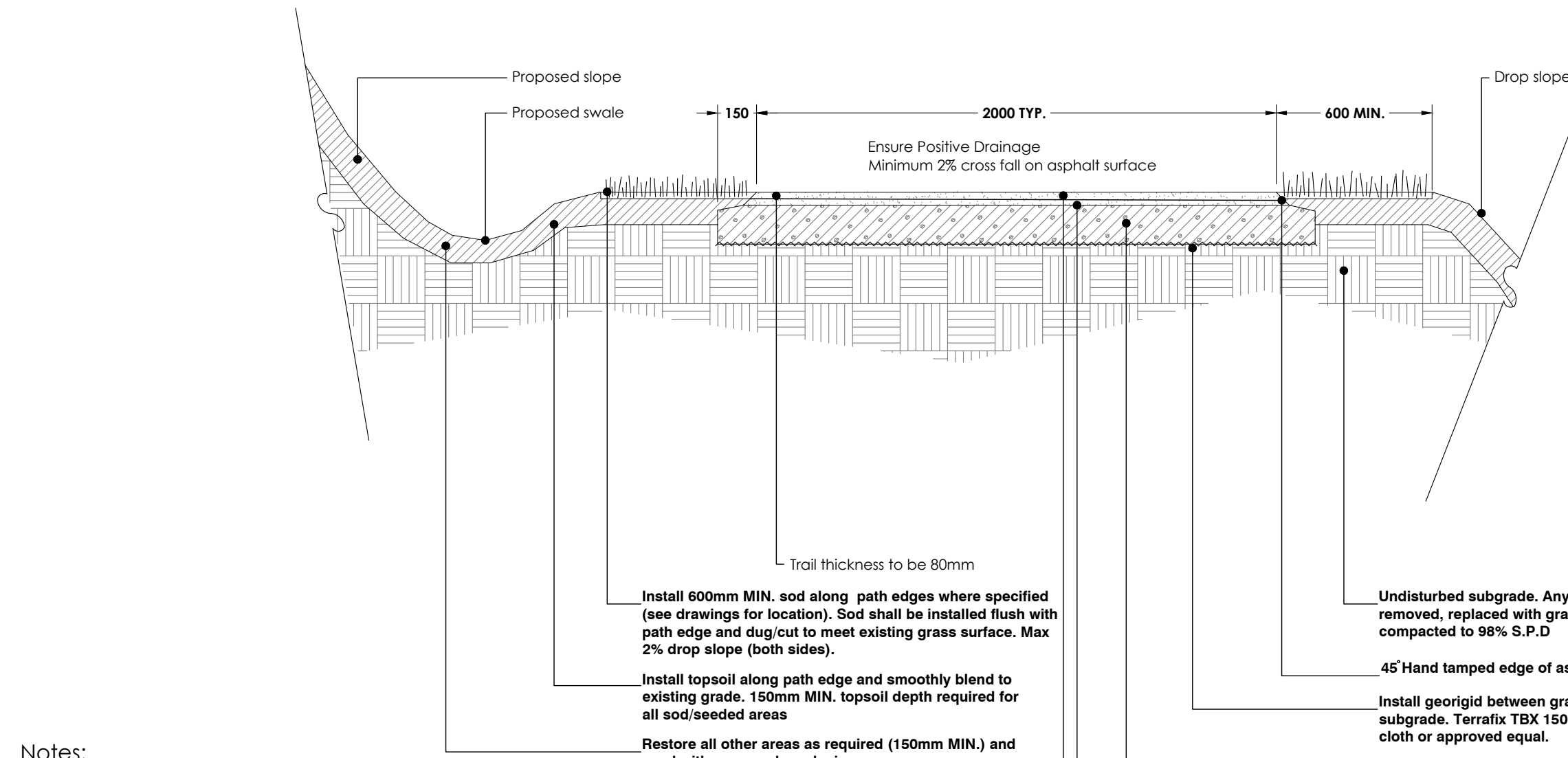
- All materials, components and workmanship to conform to building and local by-laws.
- All wood to be selected mainly for good appearance all members shall be free of warne and bark pockets. All torn grain shall be eliminated by sanding and planing. Members exhibiting moderate to heavy knots shall be well distributed throughout the site.
- All wood to bear lumber grading stamp.
- All fasteners shall have exterior grade finishes suitable for use with cedar.
- All galvanizing to be hot dipped in conformance to CSA Standard C164.
- Drive all fastener heads below surface of wood. Use sufficient size and quantity of fasteners to ensure a stable, secure structure.
- Lumber sizes are actual sizes rather than nominal sizes.
- Concrete to have minimum compressive strength of 25 Mpa @ 28 days with 5-7% air entrainment.
- See Landscape Plan for sign location.

## SECTION



4x4 Cedar Post with Signage (1.5m height)

SCALE NTS



## Notes:

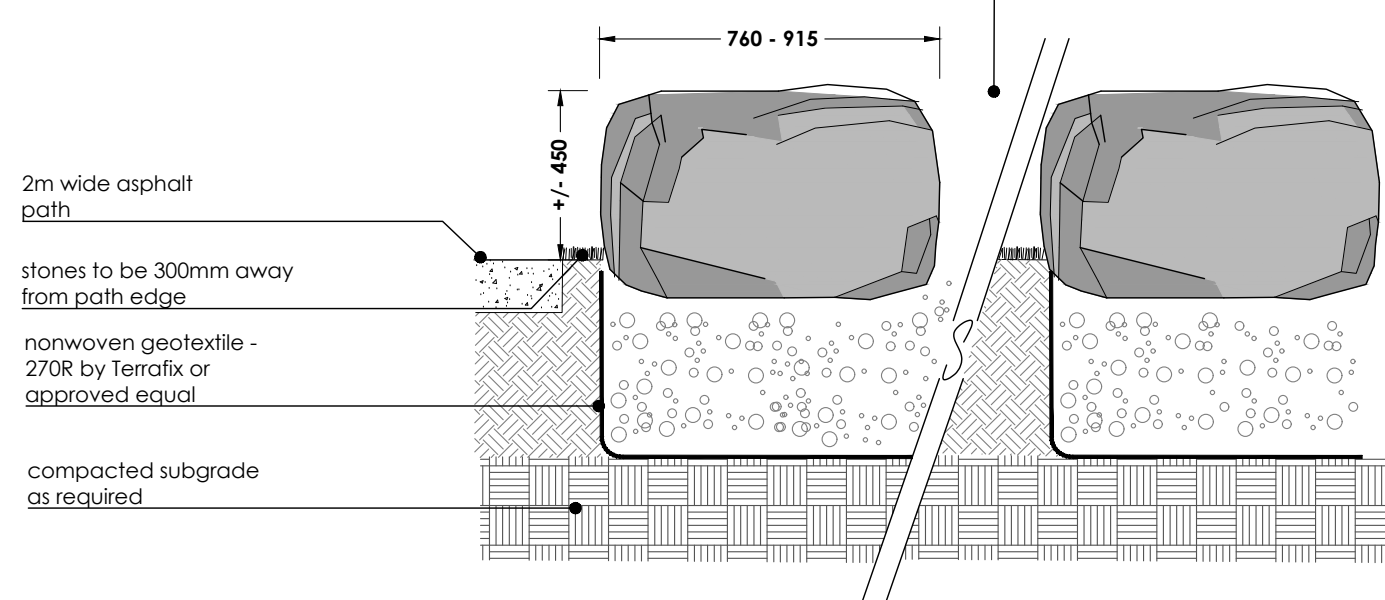
- The prepared subgrade should be carefully proof-rolled to a consistently dense state in the presence of a qualified representative of a geotechnical engineering firm, and any soft or wet spots or other obviously objectionable materials (such as organic material, construction debris, etc.) subexcavated and properly replaced with suitable, approved material.
- Construct the pavement base with 300 mm of OPSS MUNI 1010 Granular A and compact to 100% S.P.D.
- Place one lift of hot-mix asphalt (40 mm lift of OPSS 1150 HL 4 binder course) and compact in conformance with OPSS 310 requirements.
- Place one lift of hot-mix asphalt (40 mm lift of OPSS 1150 HL 3F surface course) and compact in conformance with OPSS 310 requirements.
- It is recommended that PG 58-20 be used in the surface course for the pathway. Performance graded asphalt cement (PGAC) should conform to OPSS 1101 requirements.

CITY OF BRANTFORD ASPHALT PATH SLOPED PAVING DETAIL

N.T.S.

## FRONT SECTION

spacing between stones to be 1000mm apart (see sheet 2-2439-3 for location and layout)



## ARMOUR STONE NOTES:

- Height to be +/- 450mm (18 inches) with a 50mm tolerance
- Spacing to be 1000mm between each stone
- Stones to be placed 300mm from path edge
- Stones to be offset 2.0m +/- from the existing sidewalk (see sheet 2-2439-3 for layout/location)
- Stones to follow layout of concrete curve
- Length of each piece to be between 760mm and 915mm (30 and 36 inches)
- Width of each stone to be between 500mm and 760 mm (20 and 30 inches)

1

2

ARMOUR STONE

N.T.S.

## SIDE SECTION

ensure no sharp edges

stones to be 300mm away from path edge

2M wide asphalt path

nonwoven geotextile - 270R by Terrafix or approved equal

compact subgrade as required

Embed armourstones 150mm below grade into compacted granular base - see L-1 for stone locations

450

500 - 760

450

1500mm

Min 50

1500mm

signage to be supplied by City of Brantford, installed by contractor

signage to be affixed to cedar post

4x4 cedar post

slope top of footing for positive drainage

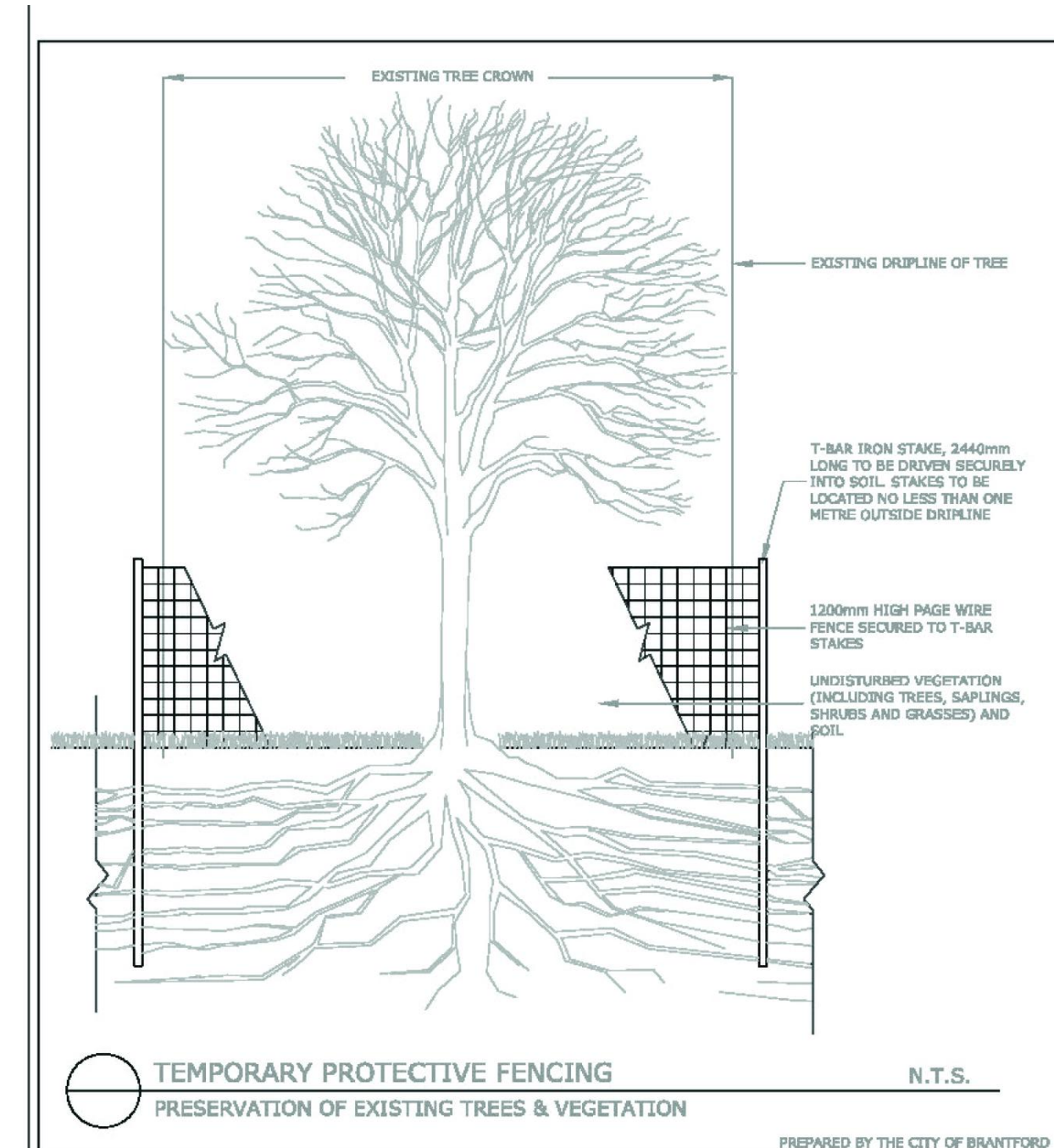
poured concrete foundation - min 300mm dia.

2

2

5

11



## TREE PRESERVATION NOTES:

- Tree preservation fencing shall be erected prior to commencing construction and maintained throughout construction.
- All tree preservation fencing and protection devices shall be installed as approved by the City Representative.
- The contractor shall maintain tree preservation fencing and protection devices throughout construction and not remove the fencing without written approval from the City Representative.
- During construction the contractor shall maintain tree preservation fencing and protection devices.
- The contractor shall not permit any activity near the protected trees including, but not limited to, parking, the storage of equipment, supplies, excavation materials, concrete washout, disposal of fuels, solvents, or chemicals, or causing disturbance of any soils or vegetation within the protected areas.
- No damaging attachments, wires, signs, or permits are to be fastened to any protected tree.
- The contractor shall retain the existing grade around the protected existing trees and vegetation.
- Protective fencing shall remain in place until construction is complete and other landscape work is complete.
- The contractor shall inform the City Representative of any damage done to existing tree crowns, trunks, or root systems and repair as directed.
- Roots extending beyond the protected area and are exposed during construction shall be cut cleanly.
- The contractor shall water trees within the protected area during construction.
- Signs (aluminum blank .064 thickness, vinyl cut letters or digital print out, laminated 12" x 18") must be posted along the inside wire fence at a maximum spacing of 45m. The sign must be maintained in good condition for the duration of construction.

## MIGRATORY BIRDS AND NESTS:

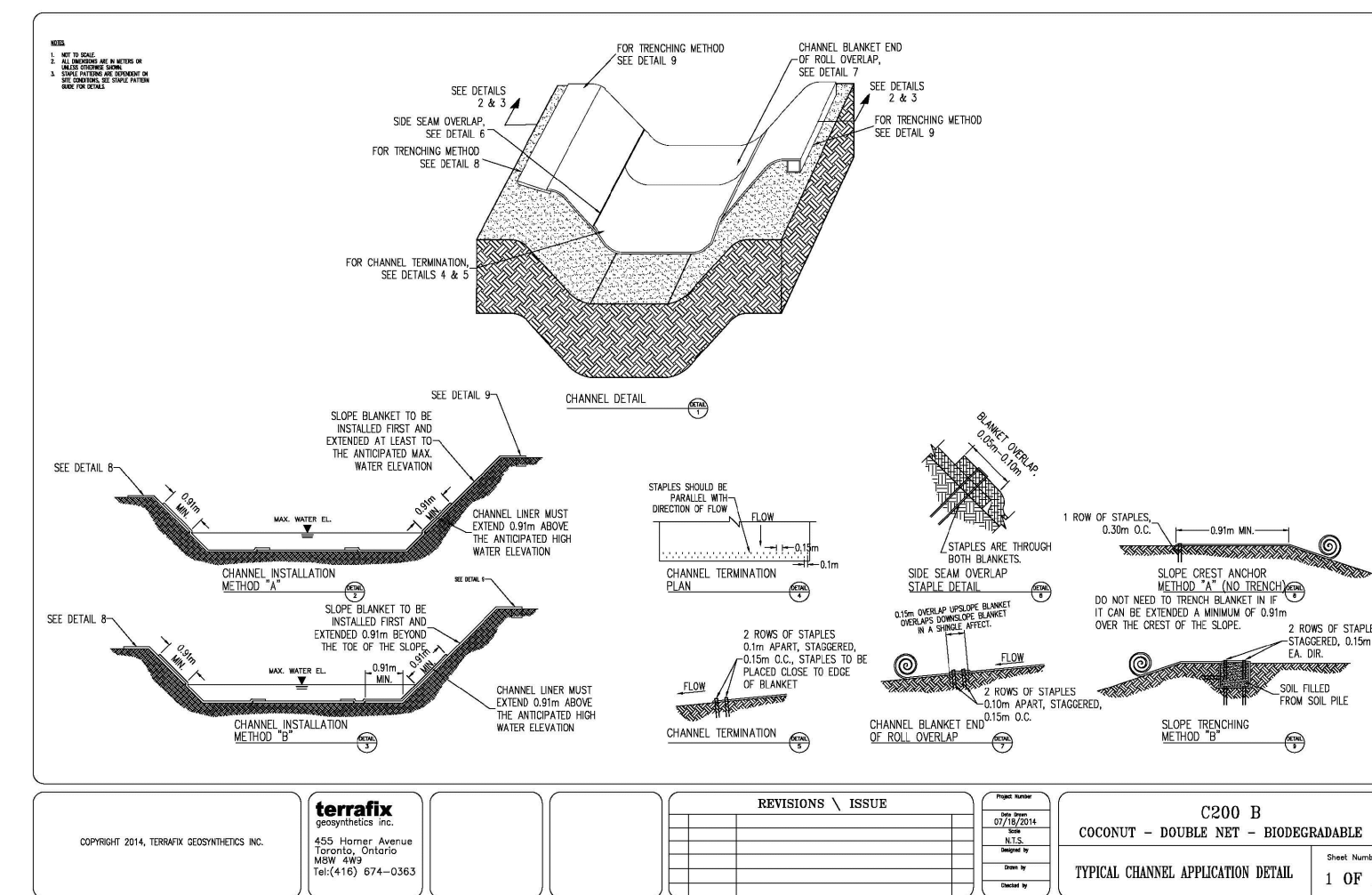
- The Owner and Contractor must be aware of the Migratory Birds Convention Act, 1994 - specifically:
  - No tree removal or construction activity shall contravene the Act.
  - Construction activities with the potential to harm migratory birds or their nest should be restricted from March 15 to August 31.
  - If work must occur during the migratory bird breeding season, a nest survey should be taken by a qualified avian biologist.
  - A mitigation plan (showing active nests and appropriate buffers) may be required for review and approval by the Canadian Wildlife Services.

3

11

City of Brantford - Temporary Tree Protection Fencing

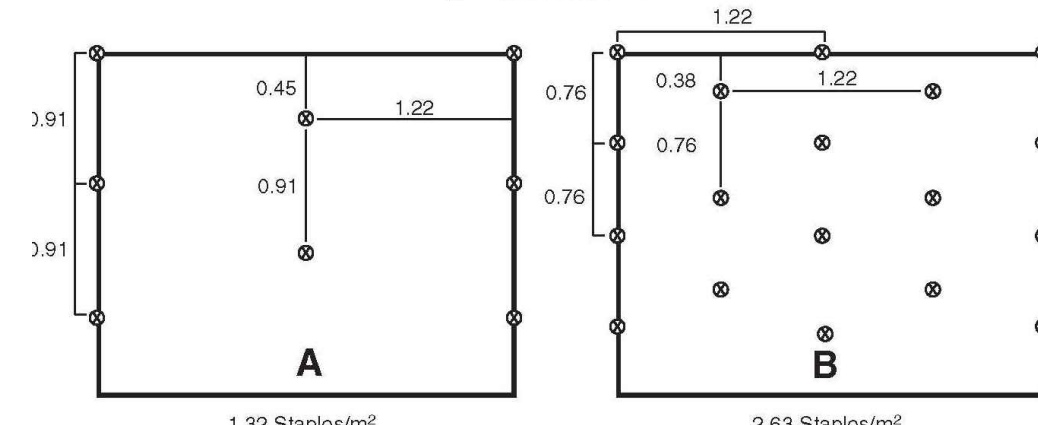
N.T.S.



## C200/C200 B Staple Pattern Guide

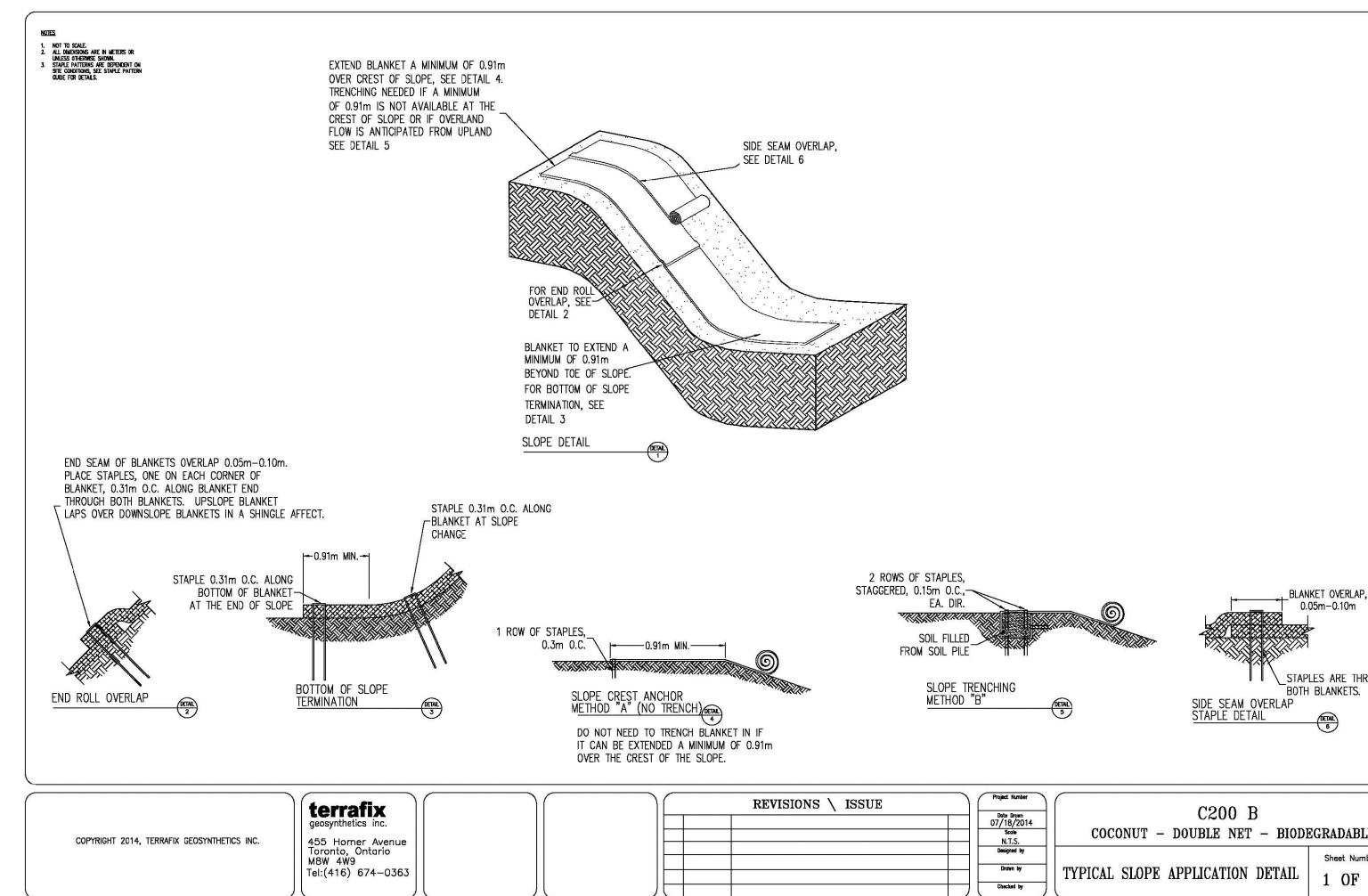
| Application    | Slope | Channel   |
|----------------|-------|---|
| Staple Pattern | ≤ 3:1 | ≤ 108 Pa (2.25 lbf/ft <sup>2</sup> ) Shear Stress |
|                | ≤ 1:1 | ≤ 2.7 miles (0.0) Velocity                        |
|                | A     | B   |

⊙ = Staple Placement



Erosion Control Blanket by Terrafix - or approved equal

SCALE NTS



## Notes:

- Recommended staples are a minimum 6" biodegradable staple or 6" wire for cohesive soils and 8" biodegradable staple or 8" wire for non-cohesive soils.
- For best results insert staples so heads are parallel to the flow of water.
- Not to scale. Dimensions in metres unless otherwise noted.
- Adjust staple pattern so staples are placed in critical channel points (e.g. slope interface, channel bottom) as illustrated below:

Critical channel points are circled.

4

11

## SURVEY NOTE REFERENCE:

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| 3   | April 2/24 | Issued For Tender Addendum | M.M. v.d. |
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DATE OF PLOT

August 22, 2024

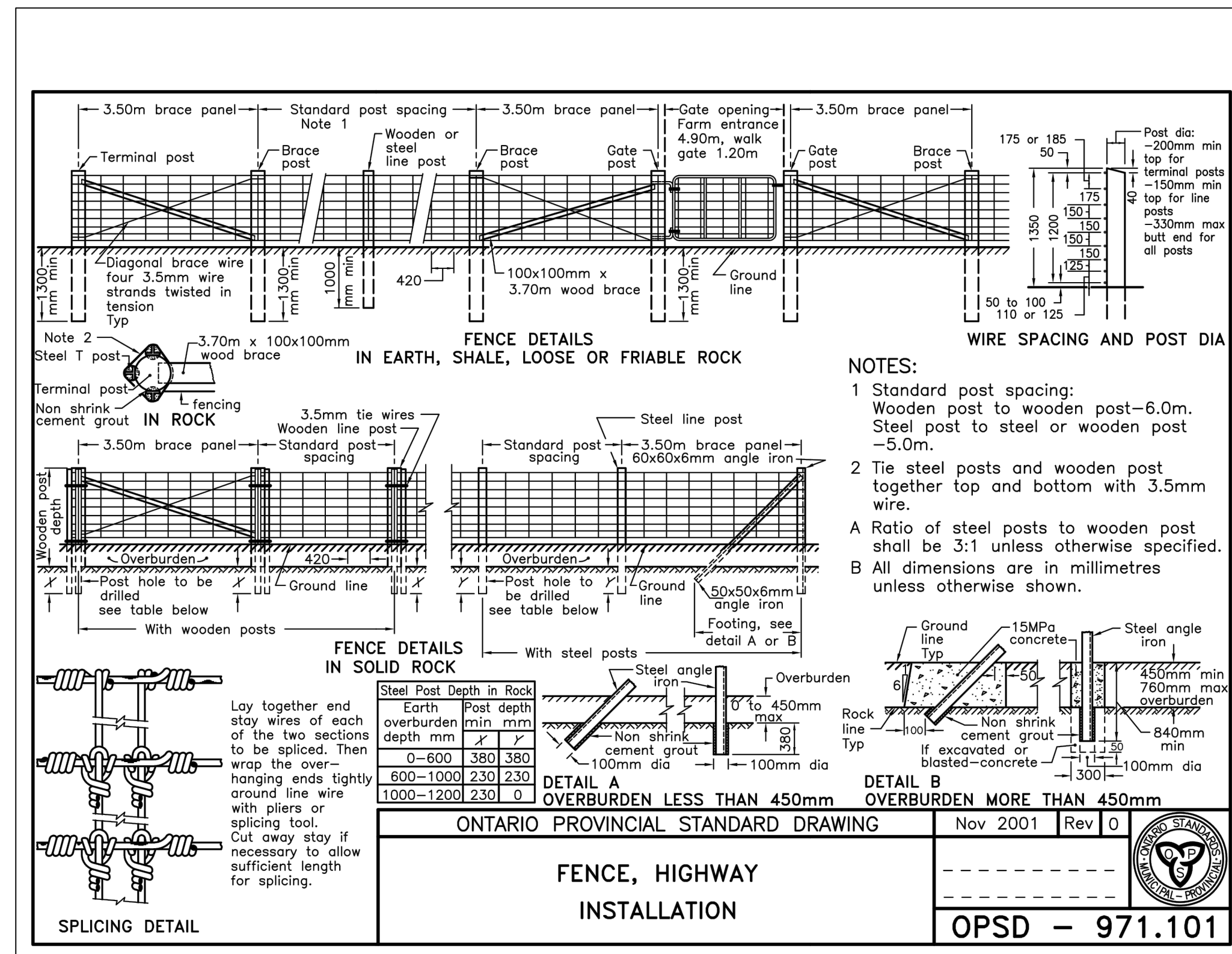


## NOTES, DETAILS AND LEGEND FOR:

# JAYCEE PARK TRAIL

| APP'D.                  | DES. | RATIO: HORIZ. VERT.   | N/A N/A |
|-------------------------|------|-----------------------|---------|
|                         |      |                       |         |
| DESIGNED BY: MM/VD      |      | DRAWN BY: V. DAMONE   |         |
| CHECKED BY: M. PATTUCCI |      | DATE: AUGUST, 2024    |         |
| PROJECT No. PK2226      |      | DRAWING No. 2-2439-11 |         |

# NOTES & DETAILS



OPSD - 971.101 - FARM FENCE

1  
12

N.T.S

ISSUED FOR CONSTRUCTION

| No. | DATE       | REVISIONS                  | INIT.     |
|-----|------------|----------------------------|-----------|
| 5   | Aug 22/24  | Issued For Pricing         | M.P. c.d. |
| 4   | May 24/24  | Issued For Construction    | M.M. c.p. |
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| 2   | June 15/23 | Issued For Tender          | M.M. v.d. |

DATE OF PLOT August 22, 2024



NOTES, DETAILS AND LEGEND FOR:  
**JAYCEE PARK TRAIL**

|        |      |  |
|--------|------|--|
| APP'D. | DES. | RATIO: HORIZ. N/A<br>VERT. N/A                                       |
|        |      | DESIGNED BY: MM/VD<br>DRAWN BY: V. DAMONE<br>CHECKED BY: M. PATTUCCI |
|        |      | DATE: AUGUST, 2024   |

PROJECT No. PK2226 DRAWING No. 2-2439-12