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**TO:** GENERAL COMMITTEE

**SUBJECT:** ROYAL CANADIAN AIR FORCE RECOGNITION FEATURES

**WARD:** 8

**PREPARED BY AND KEY CONTACT:** W. LOEVENMARK, B.L.A., B.A. LANDSCAPE ARCHITECTURAL PLANNER, EXT. 4743

**SUBMITTED BY:** K. BRADLEY, B.A. M.L.A, MANAGER OF PARKS PLANNING, EXT. 4825  
M. BANFIELD, RPP, DIRECTOR OF DEVELOPMENT SERVICES

**GENERAL MANAGER APPROVAL:** B. ARANIYASUNDARAN, P. ENG., PMP, GENERAL MANAGER OF INFRASTRUCTURE AND GROWTH MANAGEMENT

**CHIEF ADMINISTRATIVE OFFICER APPROVAL:** M. PROWSE, CHIEF ADMINISTRATIVE OFFICER

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**RECOMMENDED MOTION**

1. That the Royal Canadian Air Force (RCAF) Floral Roundel Project Concept, shown in Appendix "A" to Staff Report DEV001-24 and the Paverstone Roundel Project Concept shown in Appendix "B" to Staff Report DEV001-24, be approved for implementation prior to the RCAF 100<sup>th</sup> Anniversary Commemorative Event in June 2024.
2. That staff be granted the authority to spend up to \$61,000.00 from the Strategic Priority Reserve for the implementation of the RCAF 100<sup>th</sup> Anniversary Floral and Paverstone Roundel Projects shown in Appendices "A" and "B" to Staff Report DEV001-24.
3. That the Mayor and City Clerk be authorized to enter into a Partnership Agreement with Trees For Life substantially in the form as attached in Appendix "C" to Staff Report DEV001-24 and to the satisfaction of the Director of Legal Services.
4. That an application under the Municipal Naming Policy be submitted for consideration to the Municipal Naming Committee to name the paverstone roundel as the Major-General Richard Rohmer Roundel.
5. That \$8,250.00 be included for consideration in the 2025 Business Plan Operating Budget for the ongoing installation and maintenance of the plant material for the RCAF Floral Roundel shown in Appendix "A" Staff Report DEV001-24 in future years.

**PURPOSE & BACKGROUND**

Report Overview

6. The purpose of this Staff Report is to obtain approval to undertake the implementation of two recognition features in the Military Heritage Park, as outlined in Appendices "A" and "B," to mark the 100<sup>th</sup> anniversary of the Royal Canadian Air Force by June 2024.

7. On October 4, 2023, City Council adopted motion 23-G-207 regarding WATERFRONT STRATEGIC PLAN UPDATE as follows:

“That staff in the Operations and Development Services Departments be directed to consult with representatives from the Royal Canadian Air Force/Canadian Armed Forces and interested community groups to develop a plan to design and construct a feature to recognize the 100th anniversary of the Royal Canadian Air Force prior to June 1st, 2024 and report back to General Committee with the recommended location within or near to the Military Heritage Park and the details of the project scope, capital cost, and cost-sharing agreement, between the City, Trees For Life, and the Royal Canadian Air Force prior to the end of January 2024.”
8. Barrie’s Military Heritage Park is located at 225 Lakeshore Drive. It symbolically references Canada’s and the City of Barrie’s military history (and the City’s relationship to Canadian Forces Base Borden). This is conveyed through landforms distinct to each era of overseas and national military commitment. For example, World War II beach landings during the European Campaigns are represented by sandy pits. Red tulips represent liberating the Netherlands in World War II. A wildflower meadow pitted with craters against a line of retaining walls represents the trenches of the Western Front in World War I. A double linear row of trees paralleling Lakeshore Drive represents marching soldiers. The park opened in 2017.
9. The Canadian Air Force was renamed the “Royal Canadian Air Force” on April 1, 1924, and retained the tri-coloured roundel (a blue ring surrounding a white area with a red centre) of the Royal Air Force until 1940, when the maple leaf in the centre instead of a circle was introduced. The tri-coloured roundel remains the current ensign still worn today by aircraft of the RCAF, the Royal Canadian Naval Fleet Air Arm and Canadian Army.

## **ANALYSIS**

10. Staff met online and onsite with a representative of the Royal Canadian Air Force (RCAF) and their project partner, Trees for Life, to discuss plans to design and construct an anniversary recognition feature. The RCAF proposed two landscape features within the Military Heritage Park depicting the RCAF Roundel ensign.
11. **Project 1** is a RCAF roundel represented by annual flowers. The RCAF Floral Roundel Concept (Project 1) could be a permanent landscape feature and would be planted in blue and red annual flowers separated by a white decorative landscape rock to convey the colours of the RCAF Roundel emblem (please refer to Appendix “B” for project concept). The approximately 34-foot diameter floral roundel would be located on the north face of the turf mound to take advantage of existing irrigation and to permit viewing from the air, from the adjacent walkway and from Kempenfelt Bay. The design and cost estimate were provided by the Operations Department. The estimated cost to produce this design is \$21,460.00.
12. **Project 2** is a RCAF roundel symbolically recreated in paver stones. The RCAF Paverstone Roundel Concept (Project 2) would be a permanent landscape feature located on the far eastern border of the Military Heritage Park (MHP) directly on the existing stone dust pathway (please refer to Appendix “A” for project concept). Visitors may walk over the approximately 10-metre diameter Paverstone Roundel which features a central paverstone maple leaf and would be bordered by Bayberry shrubs. The concept design and cost estimates were provided by Brydges Landscape Architecture Inc. for the Royal Canadian Air Force. The design includes six proposed donated custom benches that would be made from reclaimed wood from former Canadian Forces Base Rivers, a former No. 1 Air Navigation School in Manitoba. The estimated cost to produce this design is \$49,900.00.

13. The City of Barrie reached out to related Interested Groups on November 28, 2023, to invite feedback regarding the two recognition features for a two-week period. The interested group circulation included the Canadian Forces Base Borden Chief of Staff, the Public Affairs Officer Cadet Central, the Royal Canadian Legion Public Affairs Office (Barrie), Royal Canadian Air Force Association, the Army, Navy, Air Force Association, the Grey and Simcoe Foresters (Barrie), the 102 Barrie Silver Fox Royal Canadian Air Cadet Squadron, and the Rotary Club of Barrie.

Three responses were received:

- a) The Directors of the 441(Huron) Wing of the Royal Canadian Air Force Association conveyed a response noting that they liked the eye-catching visual effect of the floral display and the permanence of the paverstone setting, especially the benches which would allow people to spend time relaxing in the area.
  - b) The Rotary Club of Barrie representative noted that the concept looked great, and they were looking forward to seeing it implemented.
  - c) The Chief of Staff Lieutenant-Colonel D.S. Mainguy, Canadian Forces Base Borden noted that the two features would offer impressive recognition to the RCAF and its 100-year history. The Paverstone Roundel was especially favoured as it allows visitors to immerse themselves in the feature. A concern was noted for the balancing of the floral roundel within the current bordering structures within such a large space (of the grass mound) but trusted that the team would factor this into the final placement.
14. Staff recommend that **Project 1 - Floral Roundel** be funded and implemented by the City of Barrie through the Operations Department. This results in a total City of Barrie capital funding portion of \$13,570.00, plus a 20% contingency and non-recoverable HST to bring the total amount to approximately \$16,570.60, as detailed in the cost estimate in the Financial section.
15. The RCAF requested that the City work directly with Trees For Life, their representative project partner, for the installation of **Project 2 - the Paverstone Roundel** in the MHP. The project partners have agreed that the \$2,200.00 cost for the gravel pathway restoration portion of Project 2 be assumed by the City. The City would add a 20% contingency and non-recoverable HST to bring the City's committed total project cost to \$22,524.72 (which includes the total costs for Project 1 – Floral Roundel).
16. Trees For Life (TFL) proposes to provide in-kind donations of the materials and labour towards their estimated cost of \$49,900.00 for the Paverstone Roundel, excepting the \$2,200.00 gravel pathway restoration cost agreed to by the City, bringing their portion down to \$47,400.00. At the time of this staff report, Trees For Life has now confirmed the donation of the project materials (shrubs + paverstones = \$12,430.00) further reducing their portion down to \$35,270.00 but they are still pursuing this remaining donation cost for the survey, labour and granulars (before contingency and HST amounts), as noted in the cost estimate table in the Financial section below.
17. To ensure adequate funding is available to complete **Project 2 - the Paverstone Roundel** in the event of any donor contribution shortfall by the time a deadline for procurement initiation is reached, it is recommended that the City assume the budget for the outstanding funding cost of \$35,270.00 from **Project 2**, along with the **Project 1 – Floral Roundel** cost for a total budget of \$60,646.92, as per the cost estimate chart under the Financial section. This will permit staff to outsource the services of a contractor to construct the design in time for the June 2024 anniversary event. Staff recommend authorization to access a capital funding range with an upset limit of \$61,000.00 from the Strategic Priority Reserve.

18. If Trees For Life can secure further donor in-kind contributions, the City's portion of the cash funding (Survey, Labour & Granular including 20% contingency and non-refundable HST) would be reduced accordingly up to an estimated amount of \$43,068.90.
19. All donor partners would be acknowledged through a recognition sign to be placed in the Military Heritage Park.
20. On January 19, 2024, staff received a request from the RCAF to name **Project 2 – the Paverstone Roundel** for Honorary Lieutenant-General Richard Rohmer in recognition of his highly esteemed career in the RCAF and alignment with his 100<sup>th</sup> birthday on January 24, 2024, and the RCAF's 100<sup>th</sup> anniversary in 2024. HLGGen Rohmer joined the RCAF in 1942 and is the senior surviving Canadian veteran of the World War II battles Normandy, Belgium, and Holland. Staff recommend that an application be submitted to the Municipal Naming Committee for immediate consideration for the Major-General Richard Rohmer Roundel, as per the RCAF's naming request.
21. The relocation of any existing vegetation, interpretive signage, and the Project Name/Donor Acknowledgement sign would be absorbed into the current approved Operating Budget, along with landscape maintenance and project management.
22. Staff recommend that the City enter into a Partnership Agreement with Trees For Life which defines the roles, donor amounts and/or funding amounts to be delivered by each party to deliver the two proposed projects by the anniversary event date in June 2024. Please refer to Appendix "C" for a draft Cost-sharing Agreement, subject to final approval by the Legal Services Department. The Agreement would include the project delivery process; for example, the Operations Department would deliver **Project 1** and the Development Services Department would act as project liaison between the City of Barrie and Trees For Life for **Project 2**. Trees For Life would undertake the on-site project supervision and management of donor supplies and volunteers for the Paverstone Roundel. If **Project 2** requires external contracted services, the Development Services Department would provide the Project Management for the contract. All works would become City of Barrie property upon completion.
23. Projects would be implemented for a commemorative 100<sup>th</sup> Anniversary Unveiling Event currently projected for June 2024 in Barrie at the Military Heritage Park.
24. The City has the option to continue to reinstall **Project 1 - the RCAF Floral Roundel** in 2025 and beyond at its own cost at an annual operational cost of \$8,250.00 for plant material. Please refer to item 24 under the Financial section for cost estimate details.

#### **ENVIRONMENTAL AND CLIMATE CHANGE IMPACT MATTERS**

25. The following environmental and/or climate change impact matters have been considered in the development of the recommendation:
  - a) The Bayberry shrubs (*Myrica pensylvanica*) proposed to border the Paverstone Roundel are native species which have been selected to support biodiversity and environmental sustainability. Using native species also strengthens the vegetative buffer along the Lake Simcoe Region Conservation Authority Regulated Area shoreline.

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## ALTERNATIVES

26. The following alternatives are available for consideration by General Committee:

**Alternative #1** General Committee could maintain the existing Military Heritage Park features with no new additions.

This alternative is not recommended as it would not achieve the goal of recognizing the Royal Canadian Air Force's 100<sup>th</sup> Anniversary.

**Alternative #2** General Committee could alter the proposed recommendation by directing staff to proceed only with one of the feature projects; either Project 1 - RCAF Floral Roundel or Project 2 - the RCAF Paverstone Roundel.

Although this alternative is available, removing the RCAF Floral Roundel would delete the most visible feature presented, which also is visible from the sky and the water. Deleting Project 2 - the RCAF Paverstone Roundel would remove the opportunity to enhance the park with trees and seating through an externally funded partnership.

**Alternative #3** General Committee could alter the proposed recommendation by choosing to approve the single 2024 installation of Project 1 - the Floral Roundel for the RCAF 100<sup>th</sup> Anniversary Commemoration. The proposed annual reoccurring budget costs for the annual re-installation of the Floral Roundel of \$8,250.00 as a permanent installation could be declined. This would result in the Floral Roundel being a special event project for 2024 only.

This alternative is not recommended as it is the wish of the RCAF to leave both projects as legacy features.

## FINANCIAL

27. **Project 1 - Floral Roundel's** total cost estimate of \$21,460.00 was prepared by the Operations Department. It can be reduced by deducting the equipment rental costs and staff time, leaving a capital implementation cost of \$13,570.00, plus a 20% contingency and non-recoverable HST for a total amount of \$16,570.60.
28. **Project 2 – Paverstone Roundel's** total cost estimate of \$49,900.00 was provided by the RCAF through Brydges Landscape Architecture Inc. The project partners have agreed that the \$2,200.00 cost for the gravel pathway restoration portion of Project 2 be assumed by the City.
29. Trees For Life continues to seek full in-kind donations for the remainder of the paverstone installation cost of \$47,700.00 (before contingency amount and HST costs).
30. Although Trees For Life is continuing to seek full in-kind donations for the paverstone installation in **Project 2**, staff recommend that funding be approved up to \$61,000.00 from the Strategic Priority Reserve to ensure the completion of both Projects, in case no donor is found for the remainder of the paverstone installation costs and the City is required to undertake the cost of contracted works in time to complete the projects for the anniversary event. This amount includes a 20% contingency on applicable capital items and non-refundable HST. The Development Services Department would provide the project management for procurement services.

31. A cost estimate for the complete implementation of the two Roundel projects is summarized in the table below:

Roundel Project	Elements	Funder	Project Capital Costs
<b>Project 1: Floral Roundel</b>	Maple Leaf Metal Frame	City of Barrie	\$1,900.00
	Plant Material	City of Barrie	\$8,250.00
	Soil Amendments	City of Barrie	\$2,700.00
	Stone	City of Barrie	\$720.00
	Installation Equipment Rental	City of Barrie	\$2,250.00
	Staff Installation time	City of Barrie	\$5,640.00
	<b>Project 1 Total</b>		
<b>Project 2: Paverstone Roundel</b>	Six Wood Benches (donation)	RCAF	\$00.00
	Shrub Plantings	Trees For Life	\$4,200.00
	Site Layout, Survey	Trees For Life	\$2,500.00
	Paverstone by Unilock	Trees For Life	\$8,230.00
	RCAF Paverstone Roundel with Maple Leaf Insert Installation	City of Barrie	\$32,770.00
	Gravel Path Restoration	City of Barrie	\$2,200.00
	<b>Project 2 Total</b>		
<b>Total Projects Costs</b>			<b>\$71,360.00</b>
Less Trees For Life Current In-kind Donation Contribution			(\$12,430.00)
Less City Staff time and Equipment Rental			(\$7,890.00)
<b>New Project Total</b>			<b>\$51,040.00</b>
20% Contingency on Capital Items Only			\$8,558.00
Sub-Total			\$59,598.00
<b>Non-recoverable HST at 1.76%</b>			<b>\$1,019.71</b>
<b>Final TOTAL</b>			<b>\$60,646.92</b>

32. Staff recommend that funding in the amount of **\$61,000.00** for the City's portion of the above 2024 RCAF 100<sup>th</sup> Anniversary landscape projects be sourced from the Strategic Priority Reserve.
33. If Trees For Life can secure further donor contributions to complete Project 2, the City's portion of the cash funding representing the Survey, Labour & Granulars with 20% contingency and non-refundable HST portion of 1.76% would be reduced accordingly up to an estimated value of **\$43,068.90**.
34. Several additional items would be funded by the City of Barrie from the current approved Operating Budget. The Operations Department would remove and relocate any existing shrubs that currently conflict with the paverstone circle. The Development Services Department would coordinate the relocation of existing interpretive signs and the installation of a Project Name (if approved)/Donor

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Acknowledgement sign for approximately \$3,000.00. All City project management and landscape maintenance would be absorbed into the current approved Operating Budget.

35. Should the City wish to continue to recreate **Project 1- Floral Roundel** beyond 2024, the estimated annual operating cost for plant production, installation and regular maintenance is \$8,250.00 in annual plant materials. The costs would be included in the 2025 Operating Budget projection and reoccur annually with appropriate cost indexing.

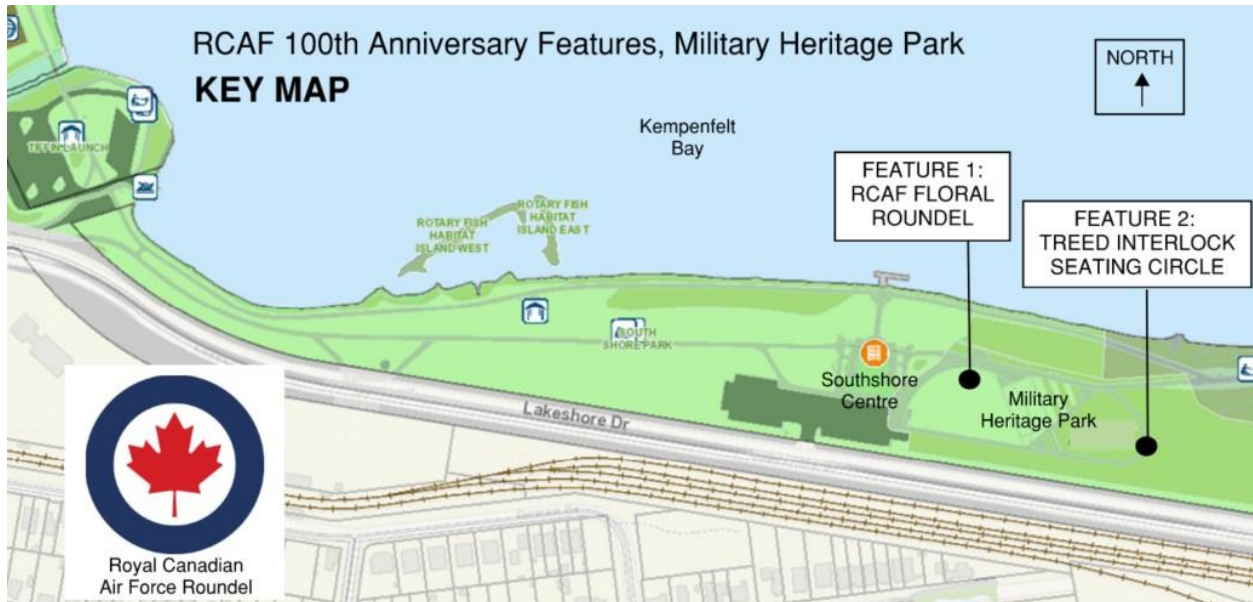
**LINKAGE TO 2022-2026 STRATEGIC PLAN**

36. The recommendation(s) included in this Staff Report are not specifically related to the goals identified in the 2022-2026 Strategic Plan.



APPENDIX "A"

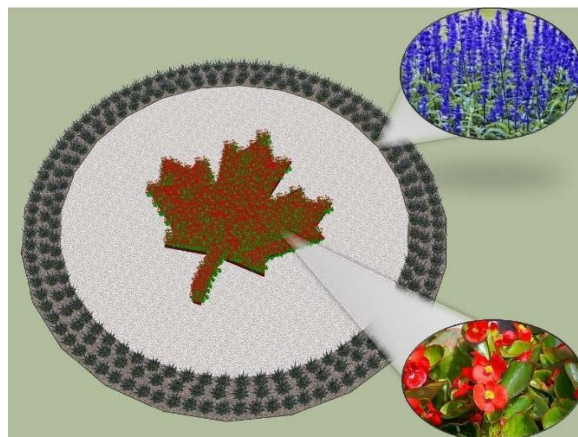
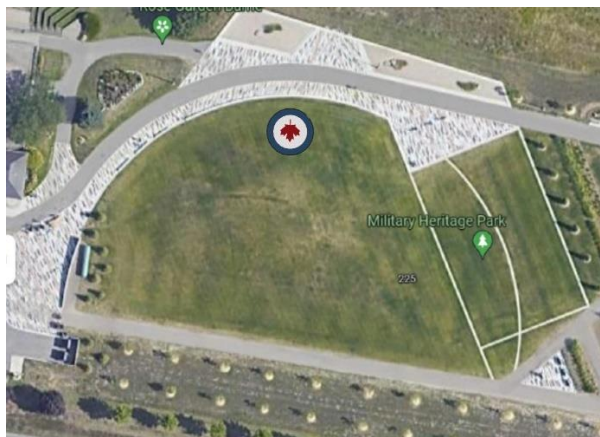
Project 1: 2024 RCAF Floral Roundel



**FLORAL ROUNDEL CONCEPT**

City of Barrie Operations Department staff prepared a concept and cost estimate for an approximately 10.36 metre (34') diameter Floral Roundel located on the north face of the sod mound, as shown in the arial image below to take advantage of existing irrigation.

The 4.6 metre (15') wide floral maple leaf would be outlined using a metal outline filled with red Begonias (*Begonia fibrous* 'semperflorens' (red)). A bed of white crush stone permits interior maintenance access to the red Begonias. The roundel border would be planted in blue Saliva (*Salvia farinacea* 'Victoria Blue') as shown in the closeup, also below. Both plant species are annuals for continuous flowering. The landscape feature could be a feature project for 2024 with the option to continue in the future as an annual renewal project.

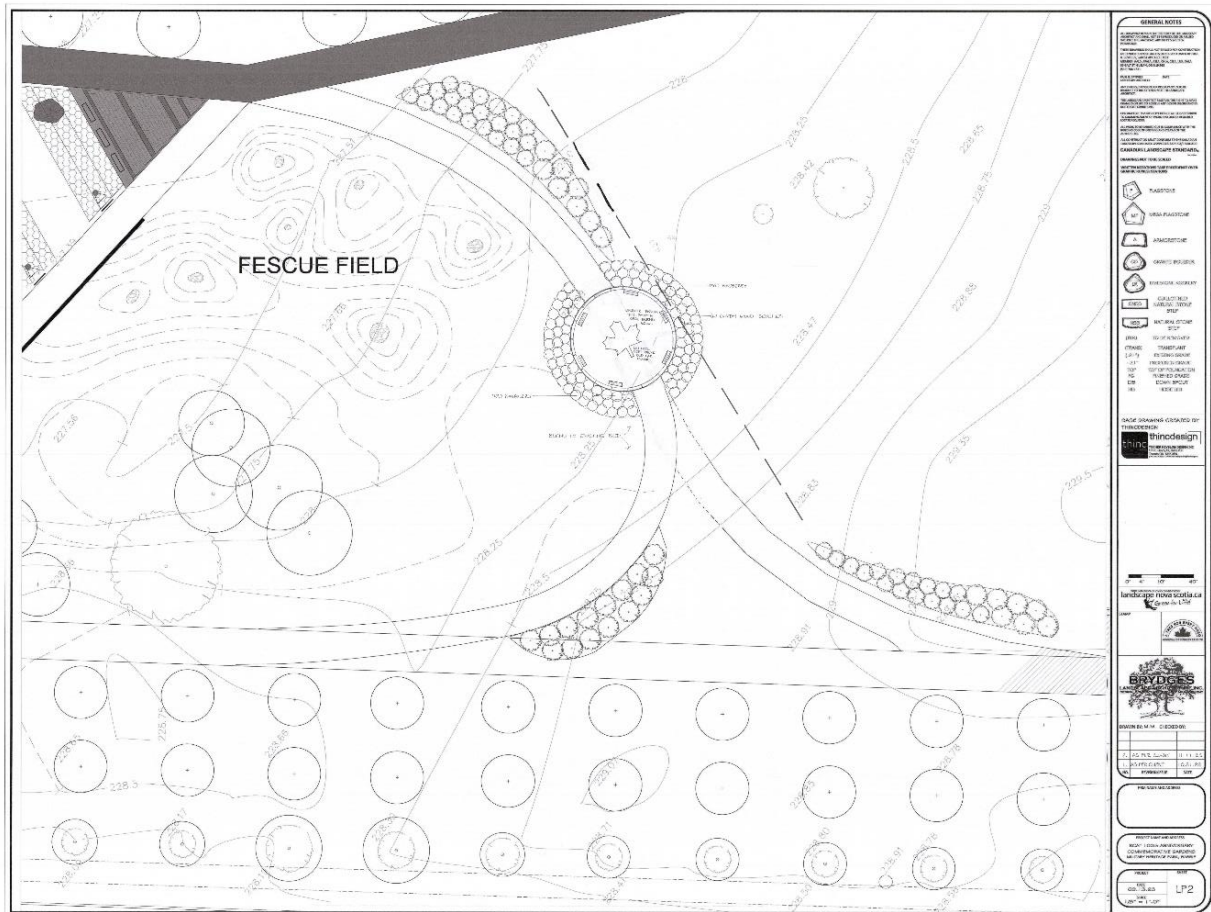




APPENDIX "B"

Project 2: RCAF Paverstone Roundel

Please refer to Appendix "A" Key Map for location context.



**PAVERSTONE ROUNDEL CONCEPT**

The Royal Canadian Air Force retained Brydges Landscape Architecture Inc. to provide a concept and cost estimate for the design of an approximately 10-metre (33') diameter paverstone roundel constructed on the existing eastern pathway of the Military Heritage Park.

The Paverstone Roundel would feature a paverstone maple leaf insert in the centre. The paverstone circle would be bordered with Bayberry shrubs. There would be six new benches placed within the paverstone Roundel. To create space for the new paverstone roundel, any existing planting beds and interpretive signs would be relocated nearby to ensure interpretive chronological continuity. The landscape feature would be a permanent installation and become the property of the City of Barrie.

The RCAF has proposed that the project be named the Major-General Richard Rohmer Roundel, which the City will review through the Municipal Naming Policy.

**APPENDIX "C"**

**Draft Agreement between the City and Trees for Life**

**JOINT DEVELOPMENT AND FUNDING AGREEMENT**

This Agreement made as of the \_\_\_\_ day of \_\_\_\_, 2024.

**BETWEEN:**

**THE CORPORATION OF THE CITY OF BARRIE**  
("Barrie")

- and -

**TREES FOR LIFE**

**WHEREAS:**

- A. Recognizing the 100<sup>th</sup> anniversary of the Royal Canadian Air Force (RCAF) will take place in 2024;
- B. Recognizing both Barrie and Trees for Life wish to join their efforts to create landscape features in Barrie's Military Heritage Park to commemorate this event;
- C. Barrie owns the lands and premises known as the Military Heritage Park located on the waterfront of Kempenfelt Bay;
- D. Barrie and Trees for Life wish to construct two landscape features located in the Military Heritage Park (as outlined in Schedule A) for the use and benefit of members of the public (the 'RCAF Floral Roundel' and the 'RCAF Paverstone Roundel');
- E. Trees for Life has offered to contribute to the cost of constructing the 'RCAF Paverstone Roundel'; and
- F. Barrie is authorized to enter into a Joint Development and Funding Agreement with Trees for Life by motion \_\_\_\_\_.

NOW THEREFORE in consideration of the sum of Two Dollars (\$2.00) paid by each party to the other and for other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the parties agree as follows:

**GOVERNING PRINCIPLES OF THE PROJECT**

1. The parties will work together cooperatively to create a quality Project for the benefit of the residents of, and visitors to, the City of Barrie.
2. The parties agree that the Project Costs will be divided as follows, as per Schedule B:
  - i. Barrie will contribute the funding for the Floral Roundel and the restoration of the granular pathway of the Paverstone Roundel.
  - ii. Trees for Life will contribute the costs in-kind for the Paverstone Roundel, with the exclusion of the restoration of the granular pathway.

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## Trees for Life CONTRIBUTION

1. Trees for Life commits to:
  - a. Follow the design for the 'RCAF Paverstone Roundel' to the satisfaction of the RCAF and the City of Barrie, as per Schedule A and the costing in Schedule B.
  - b. Supply and install the plant material, the triple mix bedding material, and the mulch for the 'RCAF Paverstone Roundel' (estimated cost of \$4,200.00).
  - c. Source, supply and install the paverstone (including site layout and survey) required to construct the 'RCAF Paverstone Roundel'.
  - d. Source, supply and install six wood benches.
  - e. Undertake the project management of all in-kind material donations and volunteer labour.
  - f. The project schedule in Schedule C.

## BARRIE CONTRIBUTION

2. In consideration of the commitment to pay the above noted funds and make the above contributions, Barrie commits to:
  - a. Provide a project manager to liaise with the RCAF and Trees For Life on all aspects related to the development of the commemorative landscape features. This person will be:

Kevin Bradley  
Manager of Parks Planning  
Development Services, City of Barrie  
Telephone: 704-739-4220 Ext.4825  
Email: [kevin.bradley@barrie.ca](mailto:kevin.bradley@barrie.ca)
  - b. Prepare a design and location for the 'RCAF Floral Roundel' to the satisfaction of the RCAF and Trees for Life, as per Schedule A;
  - c. Pay the funds required to implement the RCAF Floral Roundel' and the 'RCAF Paverstone Roundel' up to a maximum of \$60,000, as per Schedule B;
  - d. Coordinate the development and construction of the 'RCAF Floral Roundel' and the 'RCAF Paverstone Roundel' to achieve completion by June 1, 2024, as per the designs in Schedule A;
  - e. Undertake the relocation of existing plant material applicable to the Paverstone Roundel construction.
  - f. Undertake the relocation of existing interpretive signs to permit the construction of the Roundels.
  - g. Consult with the RCAF and Trees For Life with respect to the development of the Project including the tendering process and design decisions.
  - h. Apply to the Municipal Naming Policy to determine if the paverstone circle can be named the Major-General Richard Rohmer Roundel.
  - i. Install a Project Name (if approved)/Acknowledgement sign at the paverstone roundel to recognize the contributions of the RCAF, Trees For Life and the City of Barrie.
  - j. Display the 'RCAF Floral Roundel' and undertake all maintenance for a period beginning no later than June 1, 2024, and ending no sooner than mid-September 2024;
  - k. Acknowledge the collaboration between the parties, including all associated donors, in a Press Release for the RCAF 100<sup>th</sup> Anniversary Event.
  - l. Host a RCAF 100<sup>th</sup> Anniversary Event at the Military Heritage Park on June x, 2024, led by the Mayor of Barrie.
  - m. Responsibility for on-going maintenance and repairs to the Projects.
  - n. The project schedule in Schedule C.

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## GENERAL

3. The parties' responsibilities, financial or otherwise, incurred during the effective period of this Agreement, will remain that parties' responsibility until fulfilled, notwithstanding withdrawal from, expiry or termination of this Agreement.
4. This Agreement is not a procurement instrument. The parties will process any material procurement resulting from, or required by, the implementation of this Agreement in accordance with their respective contracting laws, regulations, and financial authorities.
5. Any Schedules added to this Agreement will be considered to form an integral part of this Agreement and are to be interpreted in a manner consistent with this Agreement.
6. The parties may amend this Agreement upon their mutual written consent. Notice to the either party shall be deemed to have been sufficiently given when mailed to such party as follows:  
  
The Corporation of the City of Barrie  
70 Collier Street, P.O. Box 400  
Barrie, Ontario, L4M 4T5  
Attention: Manager of Parks Planning  
Telephone: 705-739-4220 Ext. 4825  
Email: kevin.bradley@barrie.ca  
  
Mike Hurley  
Executive Director  
Trees for Life  
Telephone: 647-292-7794  
Email: mike@treesforlife.ca
7. This Agreement constitutes the entire understanding between the parties with respect to the stated purpose of this Agreement, and supersedes all previous negotiations, communication, or commitment unless it is included as a reference in this Agreement.
8. The parties will work together to resolve any differences relating to this Agreement through consultation in good faith, in a spirit of cooperation, and in a timely manner. The parties will not refer any difference to a court, tribunal, or any other third party for resolution.
9. The parties agree that the 'RCAF Floral Roundel' and the 'RCAF Paverstone Roundel' and any and all alterations, additions, renovations or upgrading to the 'RCAF Floral Roundel' and the 'RCAF Paverstone Roundel' shall be and remain the property of Barrie. The RCAF shall not at any time or in any manner materially interfere with the operation, maintenance or use by Barrie or others of the 'RCAF Floral Roundel' and the 'RCAF Paverstone Roundel'.
10. If any part of this Agreement or the application thereof shall, to any extent, be invalid or unenforceable, it shall be deemed to have been severed from the Agreement and the remainder of the terms and provisions will continue to operate in full force and effect and be binding upon the parties to the extent necessary to implement the intentions of this Agreement.
11. This Agreement shall enure to the benefit of and be binding upon the parties and their respective successors and permitted assigns.
12. This Agreement will remain in effect until December 31, 2024.



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13. This Agreement shall be governed by and construed in accordance with the laws of the Province of Ontario.
  14. Without limiting the generality of the foregoing, if this Agreement is the subject of a request under the *Access to Information Act*, the information contained herein will be processed by the Participants in accordance with that Act and the Privacy Act.
  15. The parties acknowledge and agree that this Agreement and any schedules may be executed in counterparts, which, taken together, shall constitute one and the same instrument. Copies of counterparts of this Agreement shall be deemed to be originals and shall be binding upon the parties executing the same in the same manner as if each party had executed the original.
  16. The parties may sign this Agreement using industry standard electronic signatures and the parties will rely on such signature as if this Agreement contained original signatures. Such electronic signature will have the same effect as an original signature.

**IN WITNESS WHEREOF** the parties have executed this Agreement by their proper signing officers duly authorized in that regard.

**THE CORPORATION OF THE CITY OF BARRIE**

Per: \_\_\_\_\_  
Alex Nuttall, Mayor

Per: \_\_\_\_\_  
Wendy Cooke, City Clerk  
We have the authority to bind the Corporation

**THE ROYAL CANADIAN AIR FORCE**

Per: \_\_\_\_\_  
Name:  
Title:  
I have the authority to bind the Corporation



## SCHEDULE A – PROJECT CONCEPTS

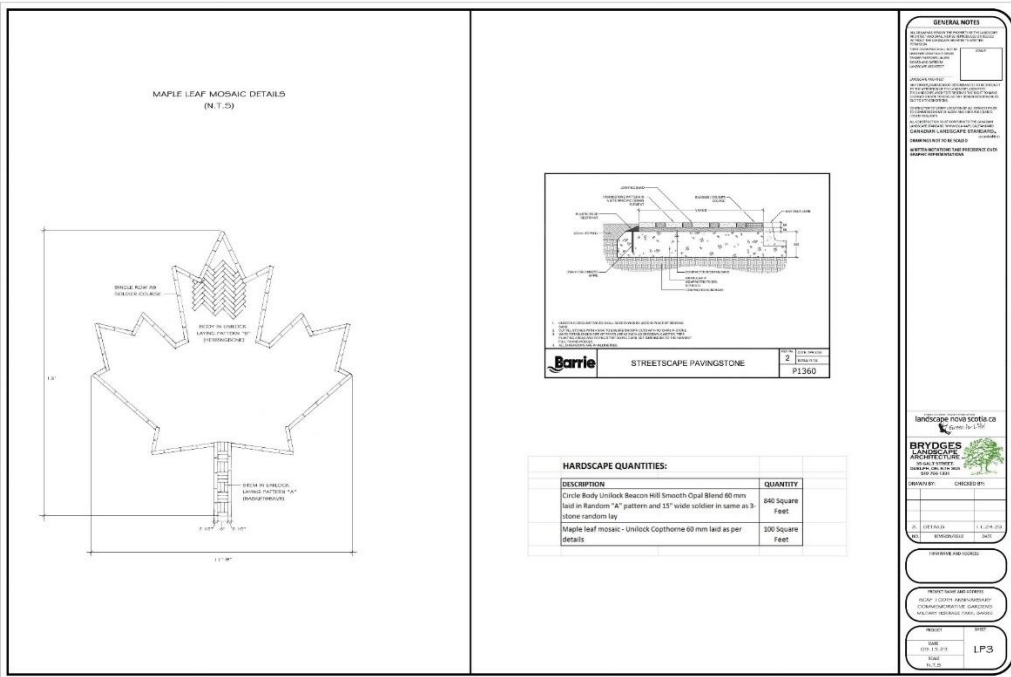
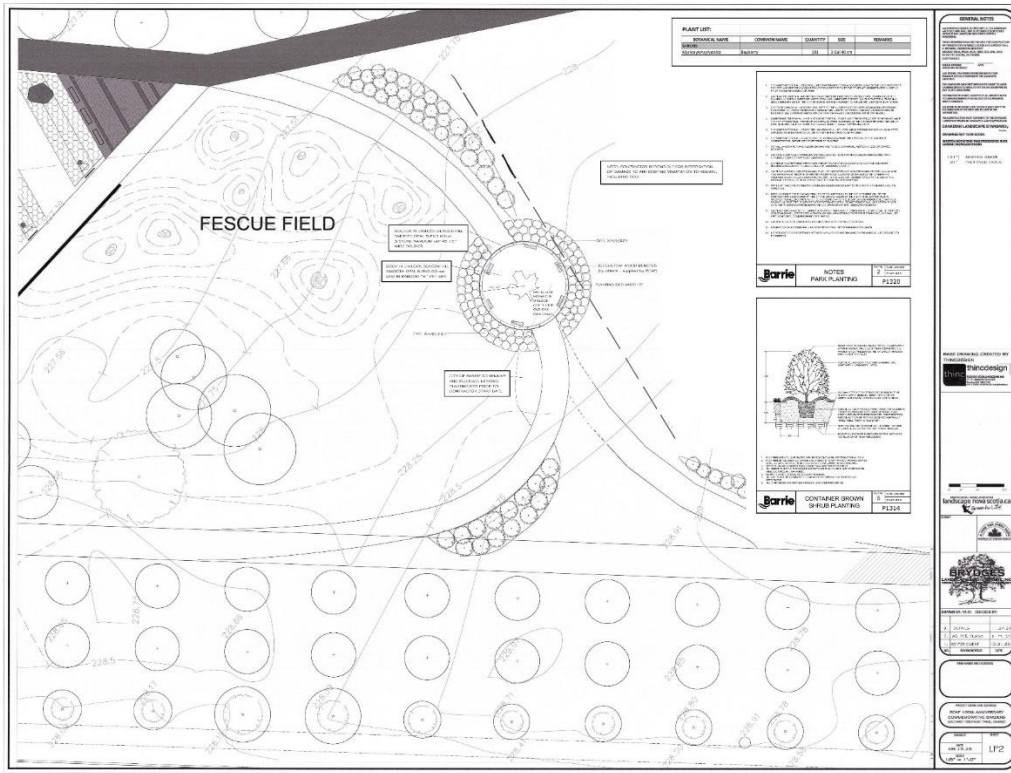
### Project 1: RCAF Floral Roundel Concept

The Floral Roundel Concept was prepared by the City of Barrie Operations Department staff and approved by the RCAF. The approximately 10.36 metre (34') diameter Floral Roundel will be positioned on the north face of the sodded mound in the Military Heritage Park. It will include a 4.6 metre (15') wide floral maple leaf using a metal outline filled with red Begonias (Begonia fibrous 'semperflorens') surrounded by a bed of white crush stone. The roundel border will be planted in blue Salvia (Salvia farinacea 'Victoria Blue') as shown in the closeup image below. This project will be funded and implemented by the City of Barrie for the RCAF 100<sup>th</sup> Anniversary Commemorative Event in 2024.



### Project 2: RCAF Paverstone Roundel Concept (Final Name to Be Determined)

The Paverstone Roundel design shall be constructed from the two drawings titled RCAF 100<sup>th</sup> Anniversary Commemorative Gardens, Military Heritage Park, Barrie, as prepared by Brydges Landscape Architecture Inc., dated 09.13.23, last revised 11.24.23, as approved by the RCAF and City of Barrie. The design includes an approximately 10-metre (33') diameter paverstone roundel constructed on the existing eastern pathway of the Military Heritage Park with a paverstone maple leaf insert in the centre and bordered with Bayberry shrubs. Six new benches are placed within the paverstone Roundel. Existing planting beds and interpretive signs will be relocated to permit installation. The landscape feature would be a permanent installation and become the property of the City of Barrie. Drawings LP2 and LP3 are included below:



**SCHEDULE B – PROJECT DEVELOPMENT CONTRIBUTIONS**

A cost estimate for the complete implementation of the two Roundel projects is summarized in the table below.

Project 1

The City will assume the cost for the implementation of Project 1: Floral Roundel.

Project 2

Trees For Life will undertake the coordination for the supply and installation of the components for Project 2, except for the restoration of the granular pathway. However, the City will assume the costs for installation of the Paverstone Roundel project, except for the Unilock pavers, the plant material, and the benches, if Trees For Life does not secure the labour and materials donations required to complete the paverstone installation.

The City of Barrie will also assume the costs for all City project management and landscape maintenance, the removal and relocation any existing shrubs that currently conflict with the paverstone circle, the relocation of existing interpretive signs and the installation of a Project Donor Acknowledgement sign.

The cost estimate for the complete implementation of the two Roundel projects is summarized in the table below, indicating the highest potential cost for the City of Barrie.

Roundel Project	Elements	Funder	Project Capital Costs
<b>Project 1: Floral Roundel</b>	Maple Leaf Metal Frame	City of Barrie	\$1,900.00
	Plant Material	City of Barrie	\$8,250.00
	Soil Amendments	City of Barrie	\$2,700.00
	Stone	City of Barrie	\$720.00
	Installation Equipment Rental	City of Barrie	\$2,250.00
	Staff Installation time	City of Barrie	\$5,640.00
	<b>Project 1 Total</b>		
<b>Project 2: Paverstone Roundel</b>	Six Wood Benches (donation)	RCAF	\$00.00
	Shrub Plantings	Trees For Life	\$4,200.00
	Site Layout, Survey	Trees For Life	\$2,500.00
	Paverstone by Unilock	Trees For Life	\$8,230.00
	RCAF Paverstone Roundel with Maple Leaf Insert Installation	City of Barrie	\$32,770.00
	Gravel Path Restoration	City of Barrie	\$2,200.00
	<b>Project 2 Total</b>		
<b>Total Projects Costs</b>			<b>\$71,360.00</b>
Less Trees For Life Current In-kind Donation Contribution			(\$12,430.00)



Less City Staff time and Equipment Rental	(\$7,890.00)
<b>New Project Total</b>	<b>\$51,040.00</b>
20% Contingency on Capital Items Only	\$8,558.00
Sub-Total	\$59,598.00
<b>Non-recoverable HST at 1.76%</b>	<b>\$1,019.71</b>
<b>Final TOTAL</b>	<b>\$60,646.92</b>

The City of Barrie will also assume the costs for all City project management and landscape maintenance, the removal and relocation any existing shrubs that currently conflict with the paverstone circle, the relocation of existing interpretive signs and the installation of a Project Name/Donor Acknowledgement sign.

**SCHEDULE C – DRAFT PROJECT SCHEDULE**

<b>PROJECT PHASE</b>	<b>PROJECT ACTION</b>	<b>TIMELINE</b>
Project Planning	Municipal Approvals	February 2023
	Project Agreement Signed	February 2024
Project Development	Greenhouse Seeding and Growing	February – May 2024
	Paverstone Contingency Project Tender Process	March – April 2024
	Project Acknowledgement Sign Development	April 2024
	Floral Roundel Preparation and Planting	May 2024
	Paverstone Roundel Construction Process	May 2024
	Project Acknowledgement Sign Installation	May 2024
	Project Completion	June 1, 2024
Maintenance	Project Anniversary Event	June 2024
	Project Completion	June 1, 2024
	Floral Roundel Maintenance Period	May – October 2024