



The Corporation of the Town of LaSalle

Date	November 8, 2017	Report No:	PW-36-17
Directed To:	Mayor and Members of Council	Attachments:	~ Concept Sketch 1 ~ Concept Sketch 2 ~ PW-26-17 Council Report
Department:	Public Works	Policy References:	
Prepared By:	Peter Marra, P.Eng. – Director of Public Works and Mark Beggs – Manager of Roads and Parks		
Subject:	Todd Lane Roundabout Design and Cost Estimate		

RECOMMENDATION:

That Council approve the design of the Todd Lane/Malden Road roundabout reconstruction.

That Council concur with proceeding to tender the landscaping work.

That Council concur with engaging a steel fabricator to complete the design and manufacturing of a centerpiece sculpture for the upset limit of \$50,000.00.

REPORT:

At the August 8, 2017 Council meeting the enclosed report PW-26-17 regarding the treatment for the roundabout was presented. Council's direction on Aug 8 2017 was that the PW-26-17 report be deferred until a full price is known for the complete reconstruction of the roundabouts. This report provides Council with a complete cost estimate, and a proposed design to move forward with the reconstruction of the Todd Lane/Malden Road roundabout.

The Town engaged Bezair Partners to develop a landscaping and feature concept. Various concepts were presented to the Culture and Rec committee and the recommendation was to proceed with concept 3a. Bezair has since built upon concept 3a and developed a more detailed design and the enclosed three dimension renderings.

As shown in the renderings, a complete reconstruction of the landscaping within the center island is required. The proposed work consists of retaining walls, various landscaping features for both perennial and annual plantings, irrigation, drainage and provisions for lighting. Bezaire's current design includes a center area with foundation only, to accommodate a center art piece that is still in the concept and design phase. The intention is for the centerpiece to be large scale, and representative of LaSalle. The ship pictured in the rendering is only for reference and scale ship (Le Griffon). The ship feature in the three dimensional rendering is approximately 15' tall and 12' wide. It is anticipated that the centerpiece will be made of corten steel. Corten steel is popular for use on outdoor sculptures and gives a weathered finish.

At this stage, we present the following construction estimates for this project;

Landscaping

Soft Landscaping (soil, plants, mulch, edging, etc.)	\$14,000.00
Hard Landscaping (wall, drainage, centerpiece foundation, electrical, irrigation, etc.)	\$105,000.00
Sub total	\$119,000.00
Contingency 10%	\$11,900.00
Construction Administration 15%	\$17,850.00
Total Construction Estimate (excluding HST)	\$148,750.00

Centerpiece (sculpture)

Centerpiece (corten steel)	\$50,000.00
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Total Project Estimate (excluding HST)	\$198,750.00
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As previously presented, the funding for the landscaping portion will be funded from the infrastructure reserve and the funding for the centerpiece sculpture will be from the strategic initiative budget.

Administration is recommending that Council approve the enclosed design and that the Town instruct Bezaire Partner to proceed on completion of the design and issue tenders for the landscaping work, and that the Town enter into discussions with a steel fabricator to design and manufacture a centerpiece for an upset limit of \$50,000.00.

The centerpiece is an artist interpretation and as such, this is specialized work for steel fabricators. We have made contact with our local steel fabricator and are currently working with them to develop a concept. Once a centerpiece concept is finalized, this will be brought back to Council for final approval. In our discussion to date, the manufacturing of a sculpture will take some time to complete and may result in the landscaping work and foundation to be completed well in advance of the sculpture being ready for installation.

The following are the anticipated timelines for this project;

Tender Close	December 5, 2017
Council Meeting Award	December 12, 2017
Landscaping Construction	April/May 2018
Centerpiece Manufacturing/Install	January/June 2018

Respectfully submitted,

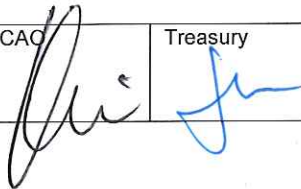


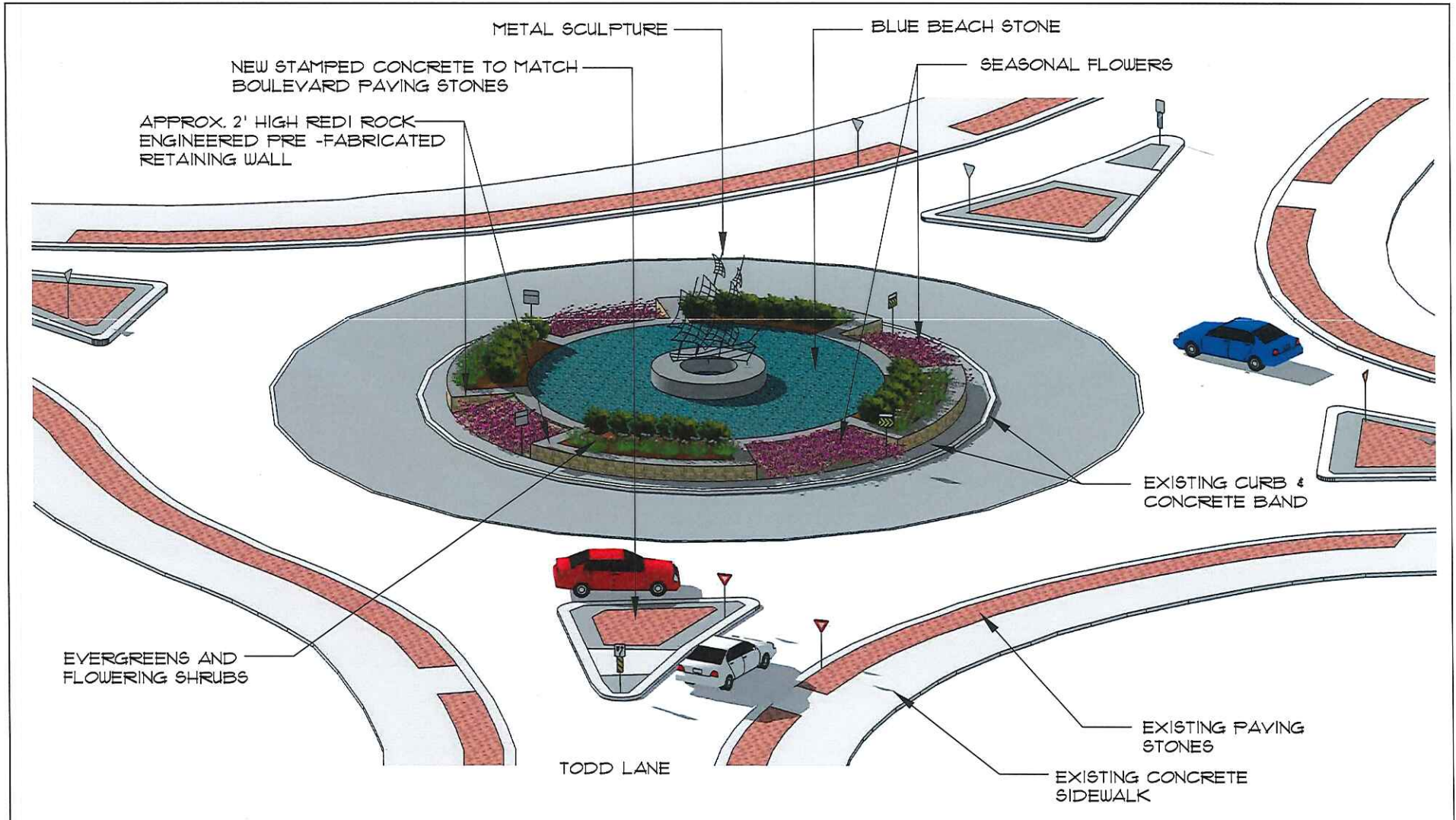
Peter Marra, P.Eng.
Director of Public Works



Mark Beggs
Manager of Roads and Parks

Reviewed by:							
CAC	Treasury	Clerks	Public Works	Planning	Cult. & Rec.	Building	Fire





BP
 Bezaire Partners
 Planners, Landscape Architects

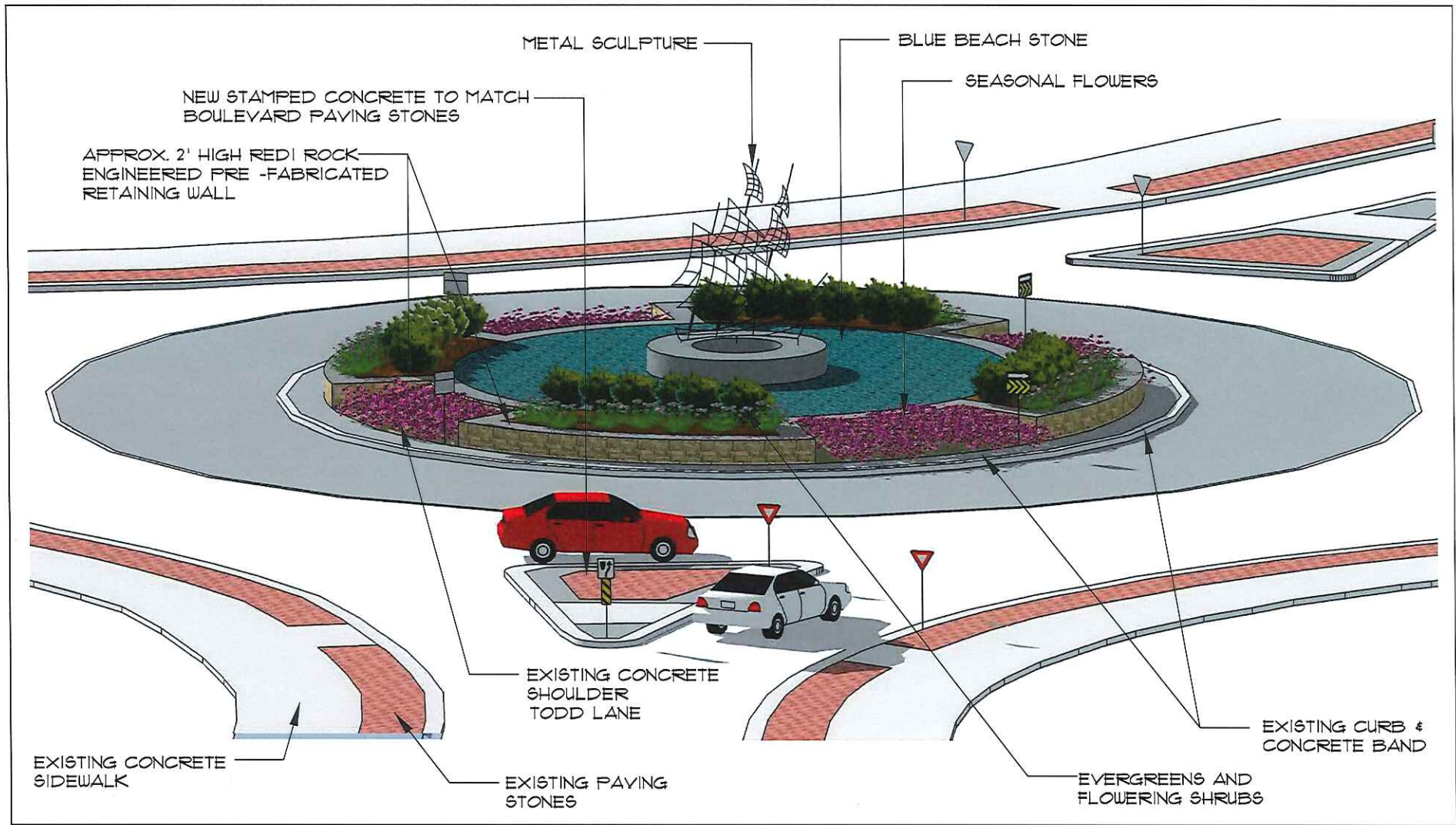
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 gbezaire@bezaire.ca

PROJECT:
**TODD - MALDEN
 ROUNDABOUT**

DRAWING TITLE
CONCEPT SKETCH 1

DATE: NOV. 2011
 SCALE: NTS
 DRAWN BY: GDB

SHEET
SK-LA 1
 1260 Inds r3



 <p>3514 Walker Rd., Unit 1A, Malden, ON N0W 3S4 p: 519.966.6844 f: 519.966.4088 gbezaire@bezaire.ca</p>	<p>PROJECT: TODD - MALDEN ROUNDAOUT</p>	<p>DRAWING TITLE CONCEPT SKETCH 2</p>	<p>DATE: NOV. 2017</p>	<p>SHEET SK-LA 2</p>
			<p>SCALE: NTS</p>	
			<p>DRAWN BY: GDB</p>	<p>1260 Inds r3</p>



The Corporation of the Town of LaSalle

Date	August 3, 2017	Report No:	PW-26-17
Directed To:	Mayor and Members of Council	Attachments:	~ PW-C&R-2017-03 C&R Committee report
Department:	Public Works	Policy References:	
Prepared By:	Peter Marra, P.Eng. – Director of Public Works		
Subject:	Roundabout Treatments		

RECOMMENDATION:

That Council concur with the C&R Committee, authorize administration to proceed with concept 3a and that administration tender, and obtain quotes for a centerpiece and fast track the process by taking funds out of the infrastructure reserve

REPORT:

At the July 25, 2017 Culture and Recreation Committee meeting the enclosed report PW-C&R-2017-03 was presented regarding the treatment at the Town roundabouts. At the C&R Committee meeting, the committee approved administration to proceed with option 3a (Figure 3). The projected cost to just prepare the site without any centerpiece is approximately \$75,000.00 to \$90,000.00. The cost of the centerpiece will be in addition to this.

The proposal is that the Town take money from the infrastructure reserve fund, complete the work at the Todd Lane and Malden roundabout in 2017, prepare the site with the base concept consisting of retaining walls, annual and perennial planting area, and prepare the center to receive a future centerpiece.

The centerpiece will be a subject of a future council report including concepts and cost.

Should Council concur, this will in essence have the roundabout at Todd Lane and Malden completely redone in 2017, minus a centerpiece at this time and will allow administration to bring forward in future budgets modifications to the other roundabouts in the Town.

Respectfully submitted,



Peter Marra, P.Eng.
Director of Public Works

Reviewed by:							
CAO	Treasury	Clerks	Public Works	Planning	Cult. & Rec.	Building	Fire



The Corporation of the Town of LaSalle

Date	July 20, 2017	Report No:	PW-C&R-2017-03
Directed To:	Culture and Recreation Committee	Attachments:	~ roundabout concepts
Department:	Public Works	Policy References:	
Prepared By:	Peter Marra, P.Eng. – Director of Public Works		
Subject:	Roundabout Design		

RECOMMENDATION:

The Committee recommends administration to begin implementation of the basic roundabout treatment at Todd Lane and Malden Road and that the funds come from the infrastructure replacement and repair reserve.

REPORT:

The Town has three existing roundabout at the present time. The center treatment of the roundabouts have varied from area to area, with no consistent theming, treatment, etc.

Administration has approached Bezaire and Partners to develop a base design for the center treatment of roundabouts so that the three existing roundabouts and any new roundabout can be treated similarly and achieve consistent looks throughout the Town. Enclosed are 6 various options.

The options are all built on a base concept of retaining walls to build up the center of the median, along with seasonal planting areas and a flowering shrub and evergreen area. What differs from option to option is the main feature, some being simply an ornamental tree up to including sculptures and a hanging basket structures.

The base concept to implement is approx. \$75,000 to \$90,000 per roundabout. At this time, we are recommending that the Town implement the base concept at the Todd Lane and Malden Road roundabout and that the funding be pulled from the infrastructure replacement and repair reserve.

By allowing this to occur at the Todd/Malden Roundabout, it will not jeopardize any future placement of a main element in the center at this location and this will be budgeted for in future

years. Any proposed main feature at the Todd/Malden location and any other location will be subject to the Committee and Council approval.

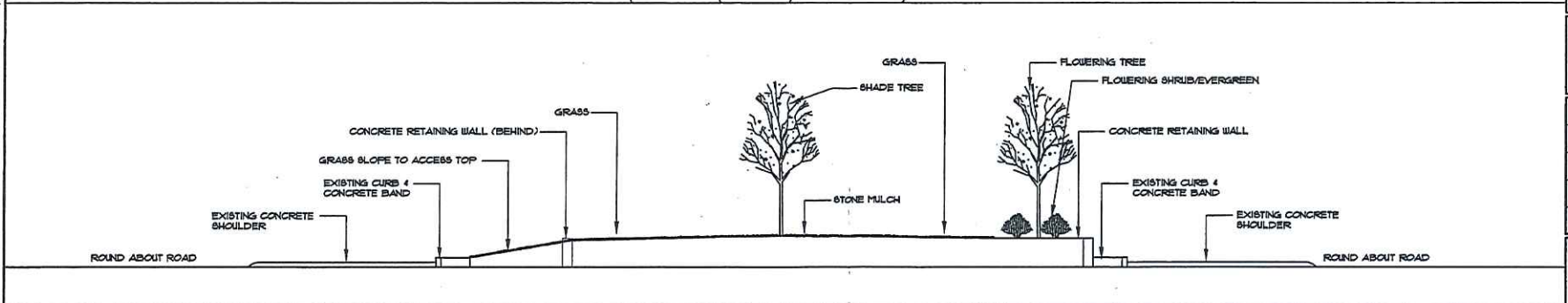
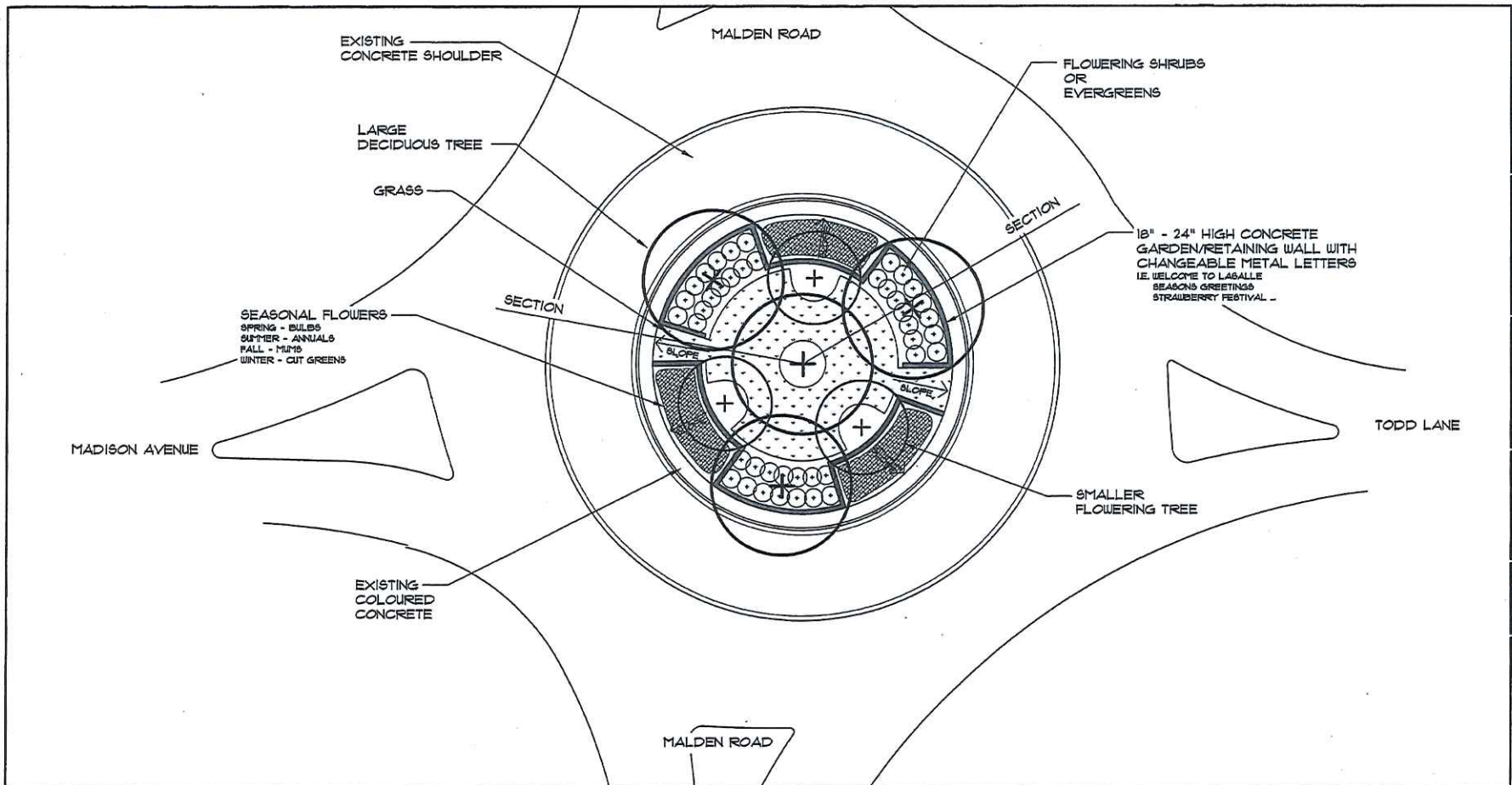
Furthermore, the base design for other roundabouts will also be budgeted for in future years.

Respectively Submitted



Peter Marra, P.Eng.
Director of Public Works

Reviewed by:							
CAO	Treasury	Clerks	Public Works	Planning	Parks & Rec	Building	Fire



1001-1002
 1001-1002
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SEAL:

PRELIMINARY
 NOT TO BE USED FOR
 CONSTRUCTION

ISSUED:

REVISIONS:

All drawings, specifications and other related documents shall be read in conjunction with the contract documents and shall be subject to the contract documents. The contractor shall obtain and verify all necessary permits and approvals from the appropriate authorities before proceeding with the work.

PROJECT:
**MALDEN ROAD
 ROUND ABOUT
 LABALLE, ONTARIO**

DRAWING TITLE:
CONCEPT 1

SCALE: As Noted

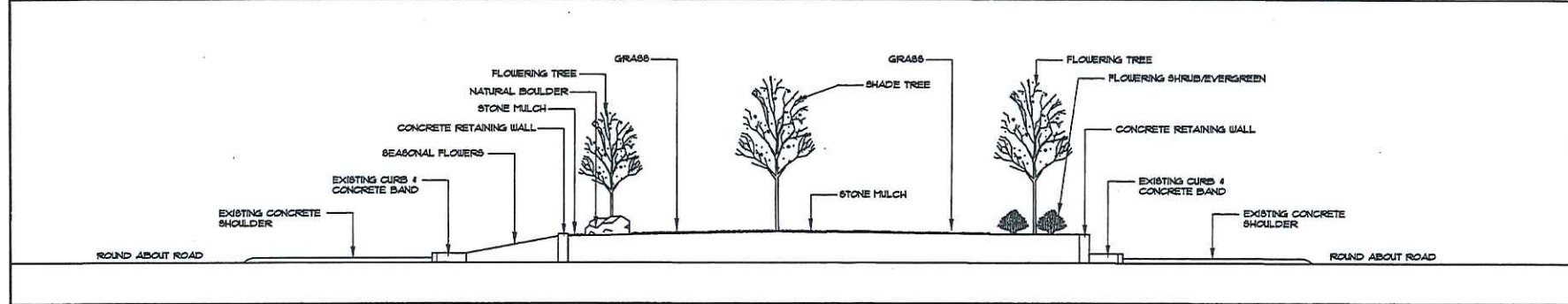
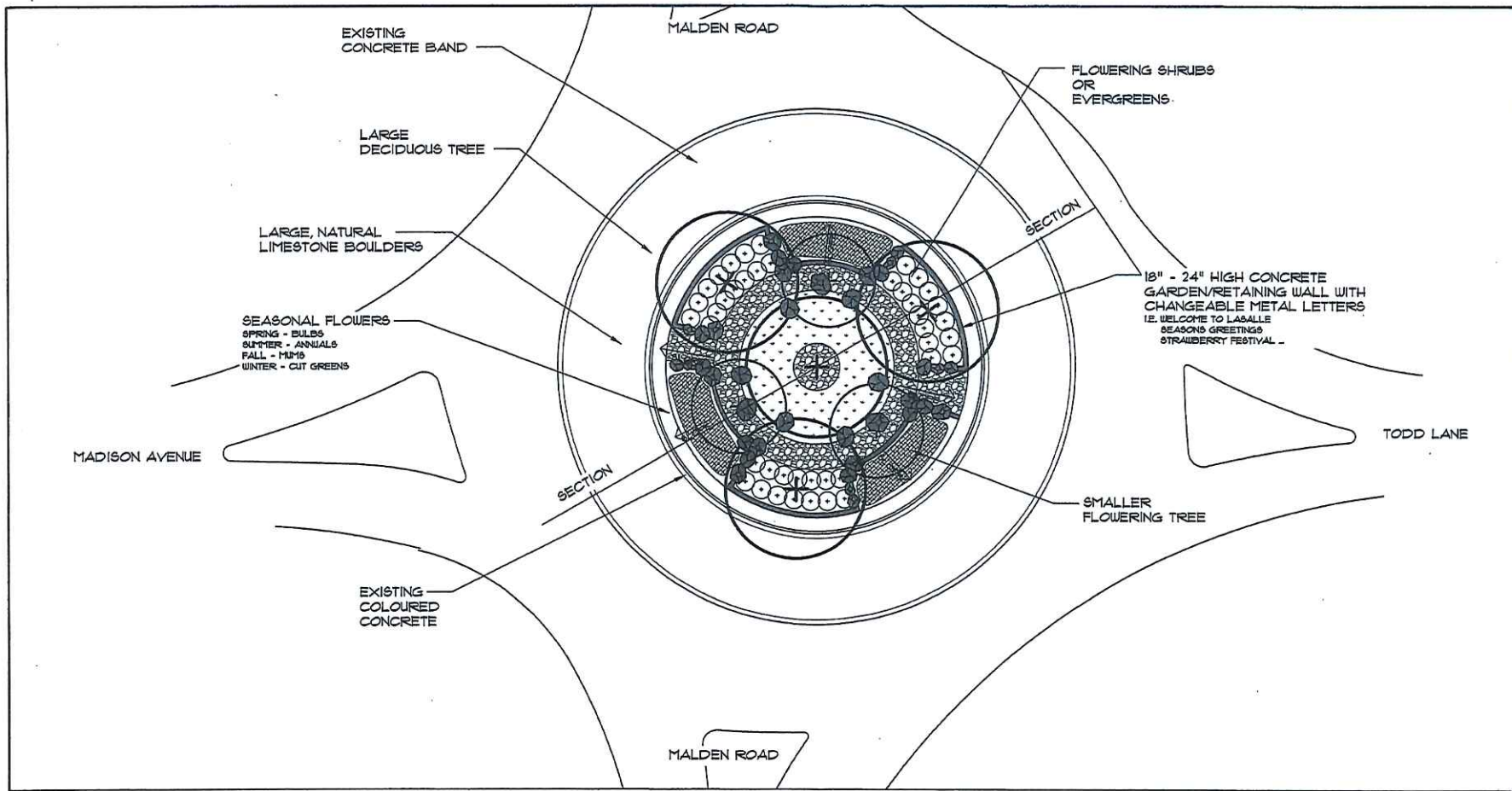
DRAWN BY: GDB

CHECKED BY: FLB

APPROVED BY:

DATE: MAY 2011

DRAWING NO.:
LA-1
 CID (R: 1250 Inds 1)



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SEAL:
PRELIMINARY
 NOT TO BE USED FOR
 CONSTRUCTION

ISSUED:

REVISIONS:

If several consultations and other parties are involved, the responsibility of the contractor is to ensure that all relevant work is completed as it pertains to the project. The contractor shall check and verify all materials, dimensions and report and correspondence to the CONSULTANT before proceeding with the work.

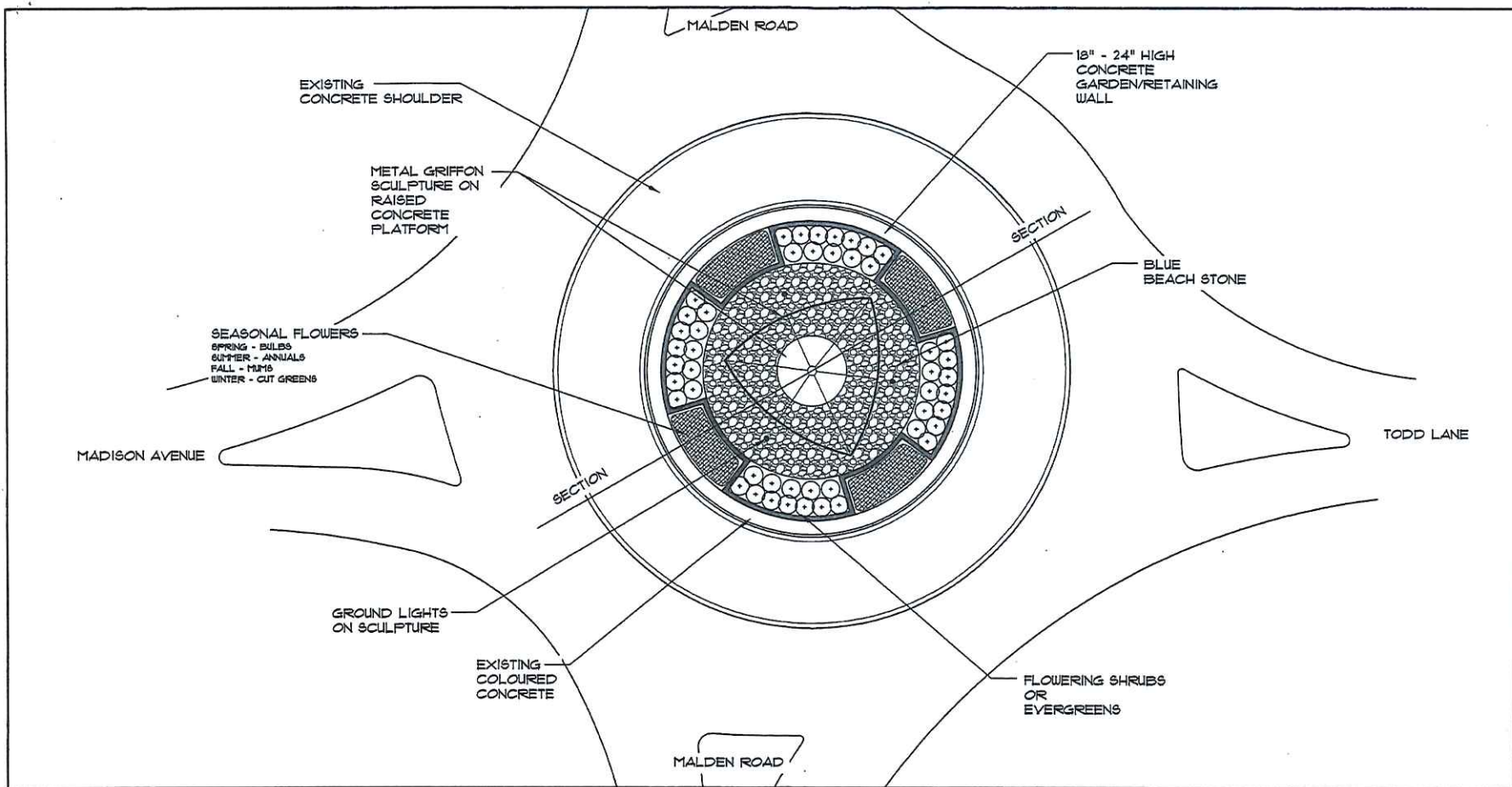
PROJECT:
**MALDEN ROAD
 ROUND ABOUT
 LASALLE, ONTARIO**

DRAWING TITLE:
CONCEPT 2

SCALE:
 As Noted
 DRAWN BY:
 GDB
 CHECKED BY:
 PLB
 APPROVED BY:
 DATE: MAY 2017

DRAWING NO:
LA-1
 CAD file: 1205 hds.r1

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 CONSTRUCTION

ISSUED:

REVISIONS:

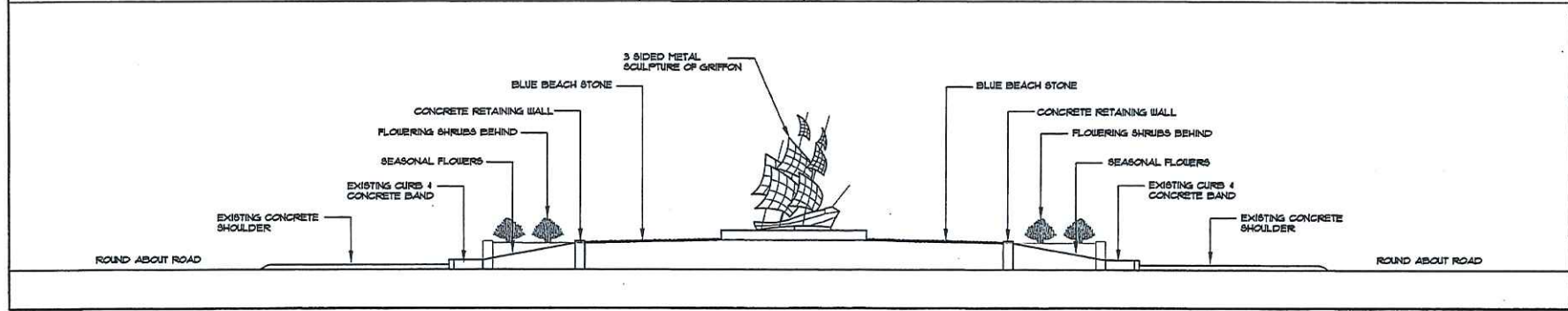
All elements, materials and plant species shown on this drawing are subject to change without notice. The contractor shall verify all materials, quantities and specifications before proceeding with the work.

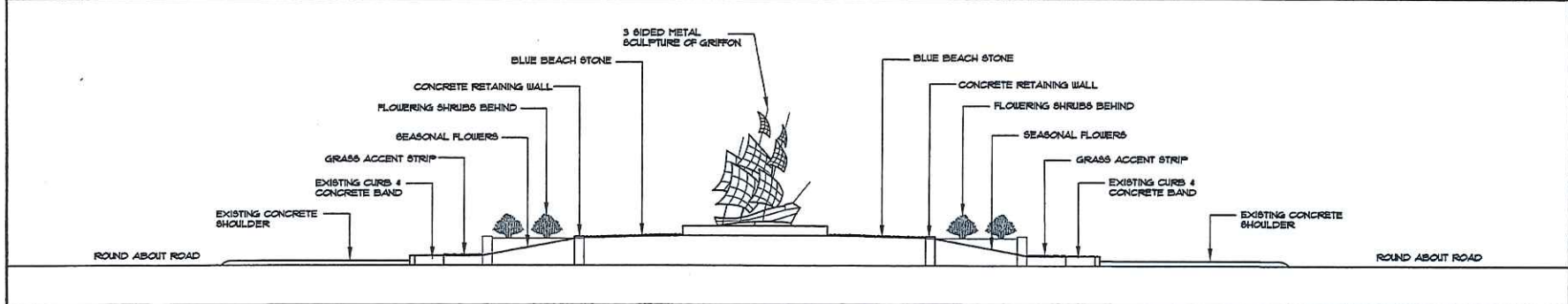
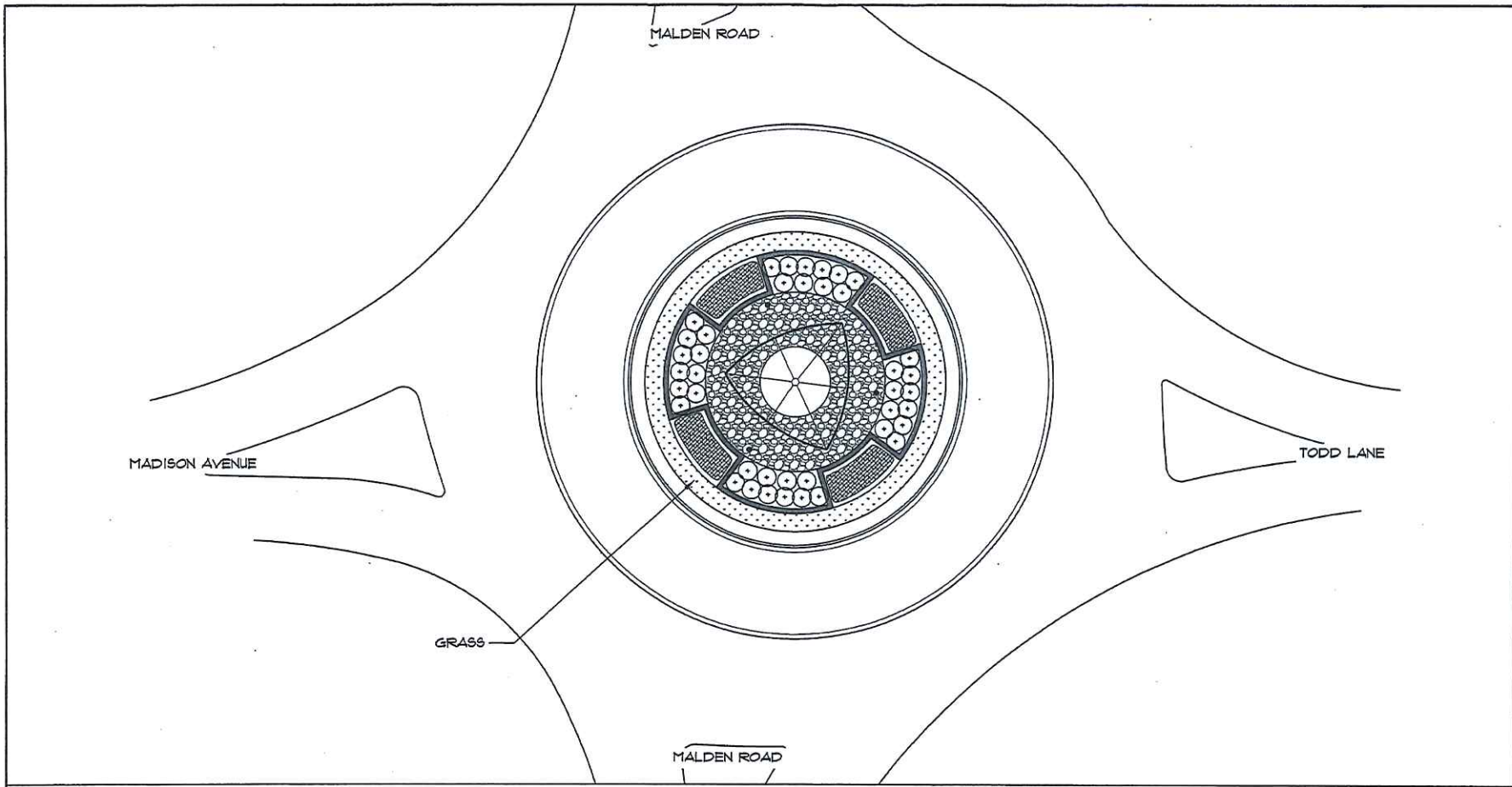
PROJECT:
**MALDEN ROAD
 ROUND ABOUT
 LASALLE, ONTARIO**

DRAWING TITLE:
CONCEPT 3a

SCALE:
 As Noted
 DRAWN BY:
 GDB
 CHECKED BY:
 P.L.D.
 APPROVED BY:

DATE: MAY 2017
 DRAWING NO:
LA-1
CAD file: 1280.rvt





hexalite Partners
 Planner, Landscape Architects,
 Consultant, Public Consultation,
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SCALE:

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ISSUED:

REVISIONS:

All drawings, specifications and other printed
 production of drawings and related documents,
 in their production, to: www.cadcentre.com
 The purchaser shall check and verify
 all dimensions, measurements and levels and
 discrepancies to the CONTRACTOR
 before proceeding with the work.

PROJECT:
**MALDEN ROAD
 ROUND ABOUT
 LASALLE, ONTARIO**

DRAWING TITLE:
CONCEPT 3b

SCALE:
 As Noted

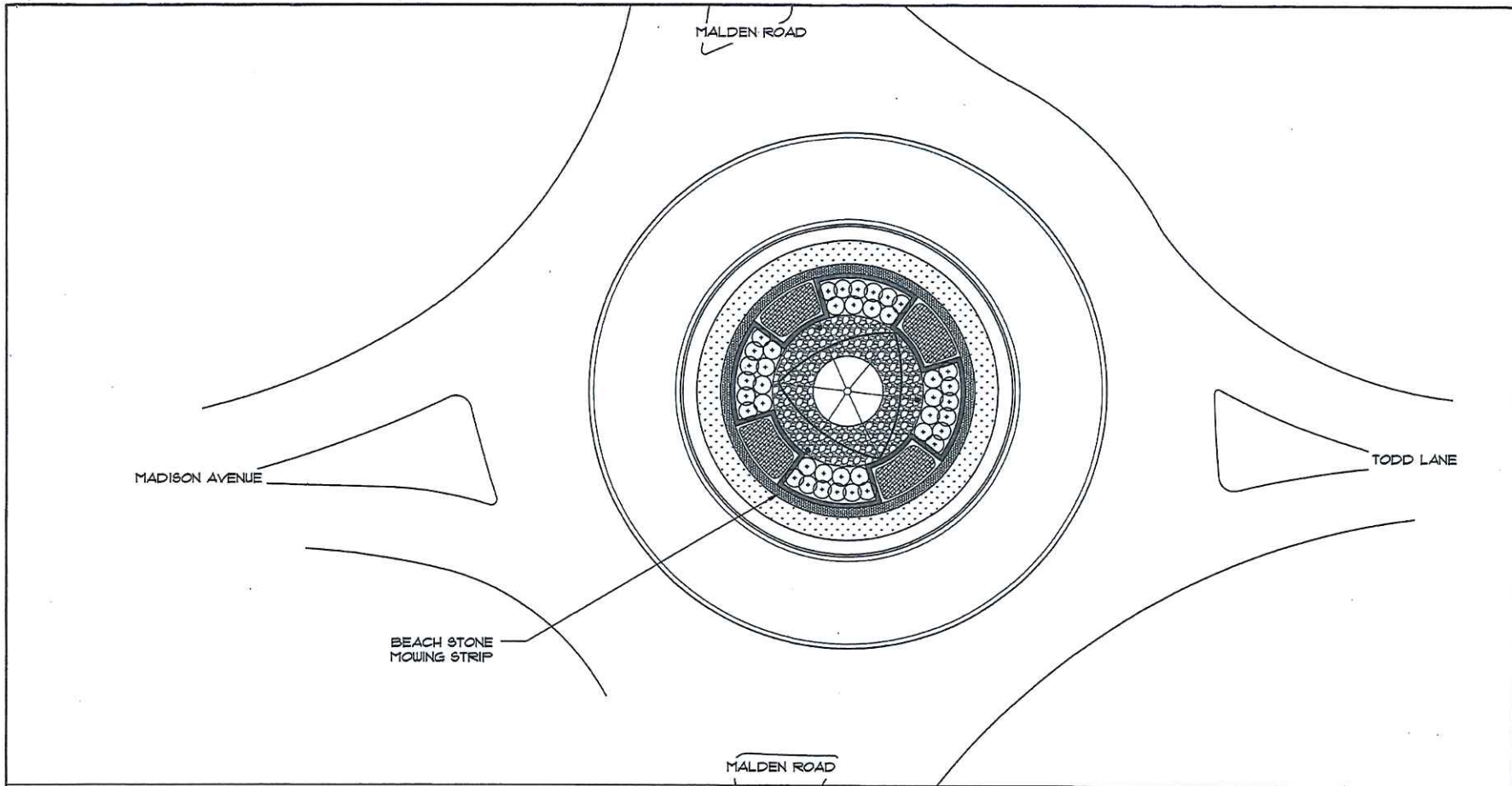
DRAWN BY:
 GDB

CHECKED BY:
 PLB

APPROVED BY:

DATE: MAY 2017

DRAWING NO:
LA-1
 CAD file: 1200.bds.r1



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 REVISIONS:

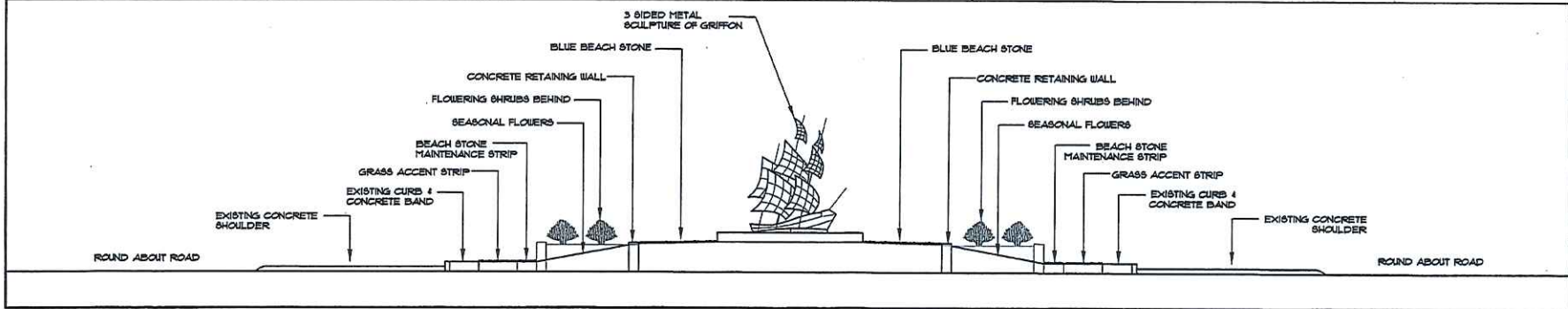
12 drawings, modifications and other related documents are the property of the consultant and are to remain confidential. The contractor shall check and verify all material dimensions and notes, and discrepancies to the GOVERNMENT before proceeding with the work.

PROJECT:
 MALDEN ROAD
 ROUND ABOUT
 LASALLE, ONTARIO

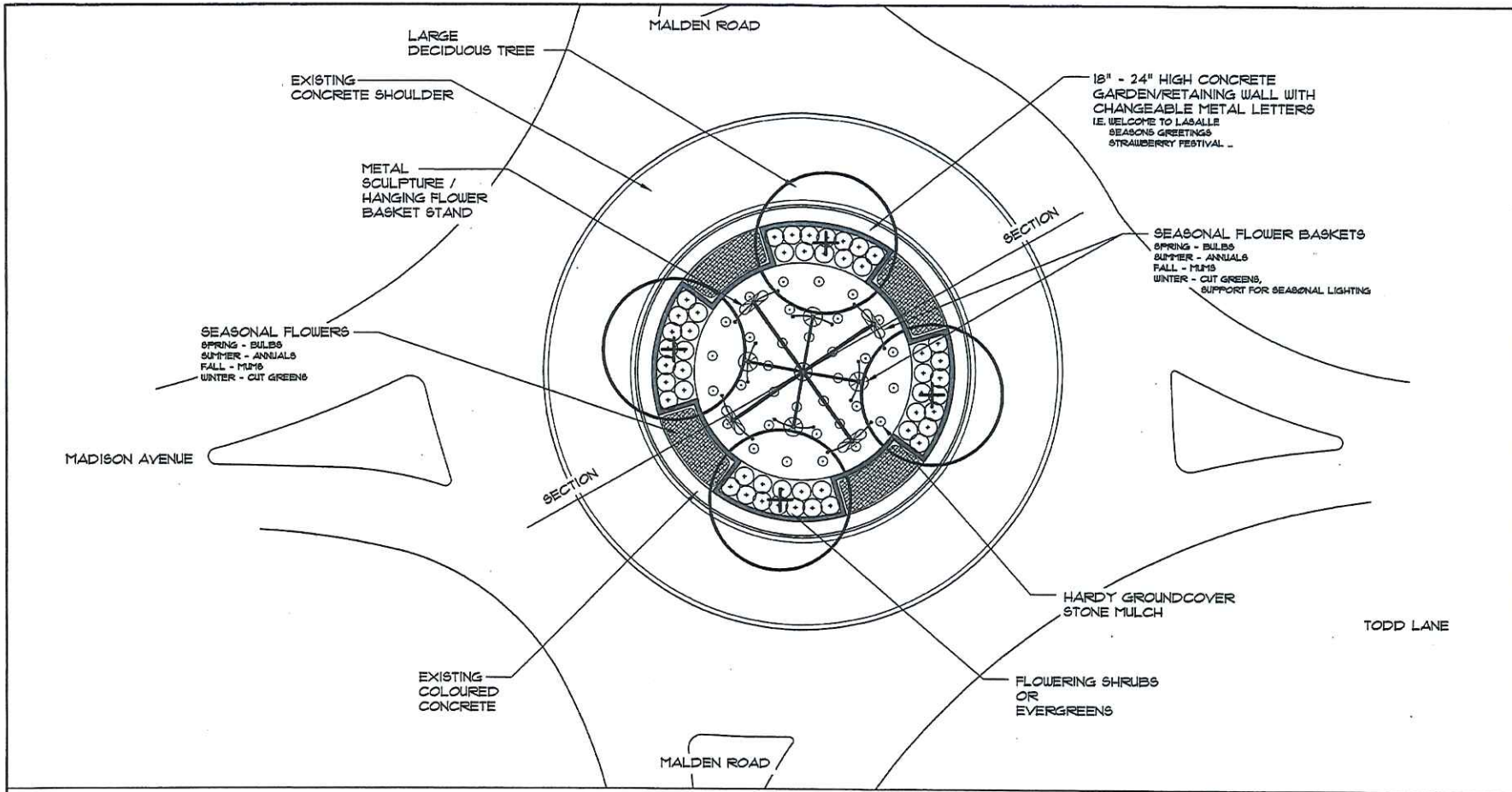
DRAWING TITLE:
 CONCEPT 3c

SCALE: As Noted
 DRAWN BY: GCB
 CHECKED BY: PLB
 APPROVED BY:
 DATE: MAY 2011

DRAWING NO:
 LA-1
 CAD file: 1209 Ind.rvt



8



Project:
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 www.rezolve.com

SCALE:

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ISSUED:

REVISIONS:

All drawings, specifications and other content
 hereon are the property of the
 CONSULTANT and are to remain confidential.
 No part of this drawing may be reproduced,
 stored in a retrieval system, or transmitted
 in any form or by any means, electronic,
 mechanical, photocopying, recording, or
 otherwise, without the prior written
 permission of the CONSULTANT.
 The contractor shall check and verify
 measurements to the CONSULTANT
 before proceeding with the work.

PROJECT:
**MALDEN ROAD
 ROUND ABOUT
 LASALLE, ONTARIO**

DRAWING TITLE:
CONCEPT 4

SCALE: As Noted

DRAWN BY: GDB

CHECKED BY: PLB

APPROVED BY:

DATE: MAY 20/11

DRAWING NO:
LA-1

CAD file: 1220 Inds.rvt

