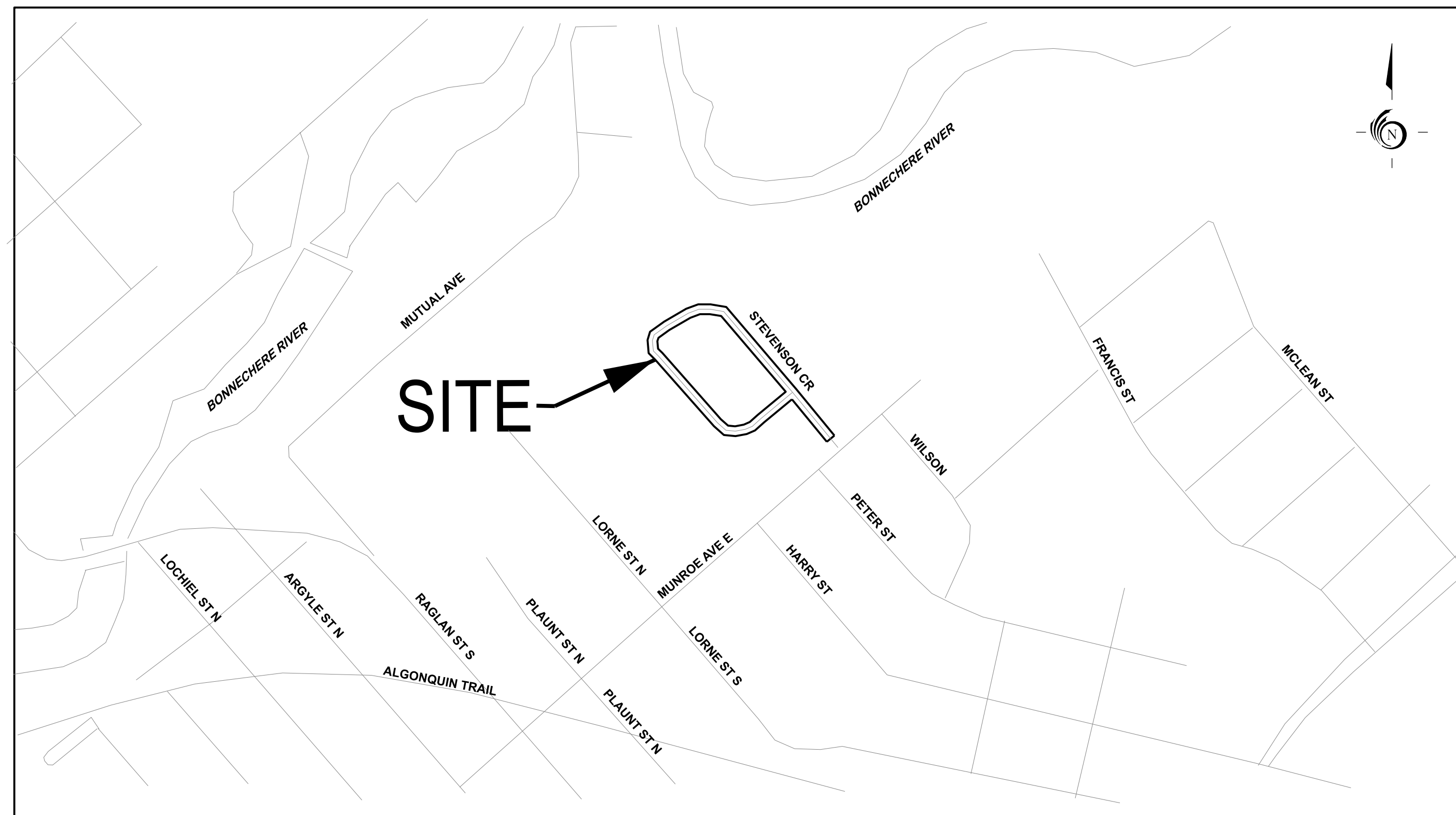




Renfrew



PARSONS

STEVENSON CRESCENT REHABILITATION

CONTRACT NO. 479069

ISSUED FOR TENDER
MAY 23, 2025

SYMBOLS			
	EXISTING	PROPOSED	REMOVALS
Roadway, Laneways & Entrances	ASPH. CONC.	ASPH.	ASPH.
Perforated Pipe Sub - Drain		(SIZE) →	
Concrete Curb		DETAIL NUMBER	X X X
Concrete Precast Curb		DETAIL NUMBER	X X
Sidewalks	ASPH. CONC.	DETAIL NUMBER	CONC. ASPH.
Interlock Pavers / Granite Sets			
Ditches and Creeks etc. over 0.6m wide			
Ditch		→ → →	
Culvert			X
Culvert with Headwalls			X
SEWERS			
Combined Sewer	450mm COMB.	450mm COMB.	450mm COMB. X
Storm Sewer Less than 450mm	350mm ST. ST	350mm ST.	350mm ST. X
Storm Sewer Greater than 450mm	500mm ST.	500mm ST.	500mm ST. X
Sanitary Sewer Less than 450mm	350mm SAN. S	350mm SAN.	350mm SAN. X S
Sanitary Sewer Greater than 450mm	500mm SAN.	500mm SAN.	500mm SAN. X
Abandoned Storm Sewer	ABAND. 500mm ST.		500mm ST.
Abandoned Sanitary Sewer	ABAND. 500mm SAN.		500mm SAN.
Single Catch Basin or Ditch Inlet			Adjust Remove
Double Catch Basin			
Storm Manhole			VB X VB
Sanitary Manhole			VC X VC
Catchbasin Manhole			VC X VC
WATERMAIN			
Watermain	203mm WM.	203mm WM.	X
Valve Box	VB	VB	VB X VB
Valve Chamber	VC	VC	VC X VC
Stand Pipe			
Hydrant	FH		FH
Reducer			
BELL			
Underground Bell Cable	UB	BELL	
Bell Pole	UP	B	
Bell Pole with Guy Wlre	UP	B	
Bell Manhole	BMH		
Telephone Booth	T	T	
Bell Pedestal	B	B	
HYDRO			
Underground Hydro	UH	HYDRO	
Hydro Pole	UP	H	
Hydro Pole with Guy Wlre	UP	H	
Hydro Manhole	HMH		
Hydro Pedestal	H	H	
Hydro Tower			

SYMBOLS			
	EXISTING	PROPOSED	REMOVALS
GAS			
Gas Main	UG UG	100mm GAS	
Gas Valve			
Gas Meter			
Underground Television Rogers Cable			
TRAFFIC PLANT & STREET LIGHTING			
TRAFFIC LIGHT	TL		
Street Light	LS		
Traffic Manhole			
Traffic Handhole	THH		
"170" Traffic Controller Foundation			
Traffic Mast Arm Foundation			
Traffic Tubular Foundation			
Joint Use Pole Foundation			
Traffic Controller Foundation			
Detector Loop			
51 mm (2") Conduit, Conc. Encased			
76mm (3") Conduit, Conc. Encased			
102mm (4") Conduit, Conc. Encased			
127mm (5") Conduit, Conc. Encased			

SUPPLEMENTARY	
EXISTING COLUMN (CONCRETE)	
EXISTING SMALL SIGN	
EXISTING BOLLARD	
EXISTING FLAG POLE	FP
EXISTING PARKING METER	PM
EXISTING IRON HANDRAIL	
EX. FLAG POLE ON CONCRETE BASE	FP
EX. CONCRETE BASE FOR STEEL COLUMN	CBSC
EX. FOUNDATION	FDN
EX. CHAIN LINK FENCE	CLF

PRELIMINARY
NOT FOR CONSTRUCTION
May 27, 2025



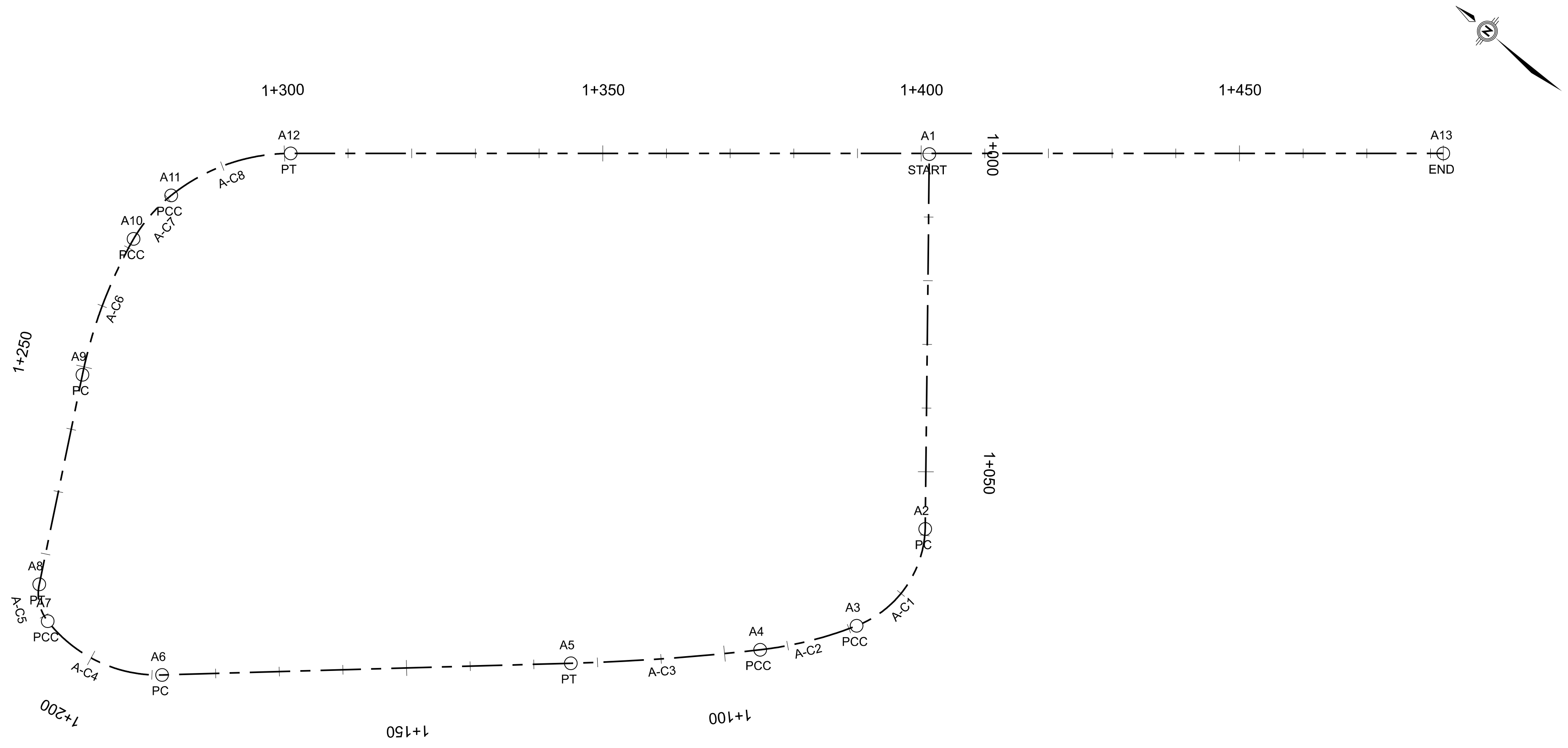
03	ISSUED FOR TENDER	MH	23/05/2025
02	ISSUED FOR 80% SUBMISSION	MH	28/08/2024
01	ISSUED FOR 50% SUBMISSION	MH	02/08/2024
No.	Revision	By	Date (dd/mm/yy)

Scale

Project Title

STEVENSON CRESCENT
REHABILITATION

LEGEND		
Designed by:	MS	Datum Node3C3G5 CVD2025
Drawn by:	MS	
Approved by:	MH	
Project No.	479069	Drawing No.
		002



Ali-stevenson						
COORDINATE DATA						
	POINT	NORTHING	EASTING	STATION	DIRECTION	DISTANCE
A1	START	5037423.439	368376.076	1+000.000 R1	231°11'55.814"	58.981
A2	PC	5037386.480	368330.110	1+058.981 R1	-	-
	PI	5037379.686	368321.256	1+070.141 R1	-	-
A3	PCC	5037385.146	368311.523	1+078.714 R1	-	-
	PI	5037388.974	368304.647	1+086.585 R1	-	-
A4	PCC	5037394.447	368298.991	1+094.366 R1	-	-
	PI	5037404.823	368288.267	1+109.287 R1	-	-
A5	PT	5037416.073	368278.466	1+124.190 R1	318°56'15.239"	64.219
A6	PC	5037464.494	368236.281	1+188.410 R1	-	-
	PI	5037472.879	368228.977	1+199.530 R1	-	-
A7	PCC	5037483.733	368231.396	1+209.002 R1	-	-
	PI	5037486.933	368232.110	1+212.281 R1	-	-
A8	PT	5037488.433	368235.025	1+215.134 R1	62°12'54.084"	33.605
A9	PC	5037504.098	368264.755	1+248.739 R1	-	-
	PI	5037509.489	368274.962	1+260.282 R1	-	-
A10	PCC	5037511.445	368286.338	1+271.633 R1	-	-
	PI	5037512.161	368290.874	1+276.226 R1	-	-
A11	PCC	5037511.218	368295.369	1+280.717 R1	-	-
	PI	5037509.053	368305.686	1+291.258 R1	-	-
A12	PT	5037500.910	368312.380	1+300.991 R1	140°34'25.124"	181.016
A12	END	5037361.086	368427.341	1+482.007 R1	-	-

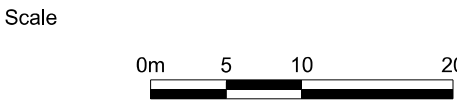
Ali-stevenson					
CURVE DATA					
	DELTA	RADIUS	TANGENT	L	EXT
A-C1	66.793 RT	16.927	11.160	19.733	3.348
A-C2	14.946 RT	60.000	7.870	15.651	0.514
A-C3	4.882 RT	350.000	14.921	29.825	0.318
A-C4	53.630 RT	22.000	11.120	20.592	2.651
A-C5	50.194 RT	7.000	3.279	6.132	0.730
A-C6	18.086 RT	72.527	11.543	22.894	0.913
A-C7	20.819 RT	25.000	4.593	9.084	0.418
A-C8	38.721 RT	30.000	10.541	20.274	1.798

NOTES

PRELIMINARY
NOT FOR CONSTRUCTION
May 27, 2025



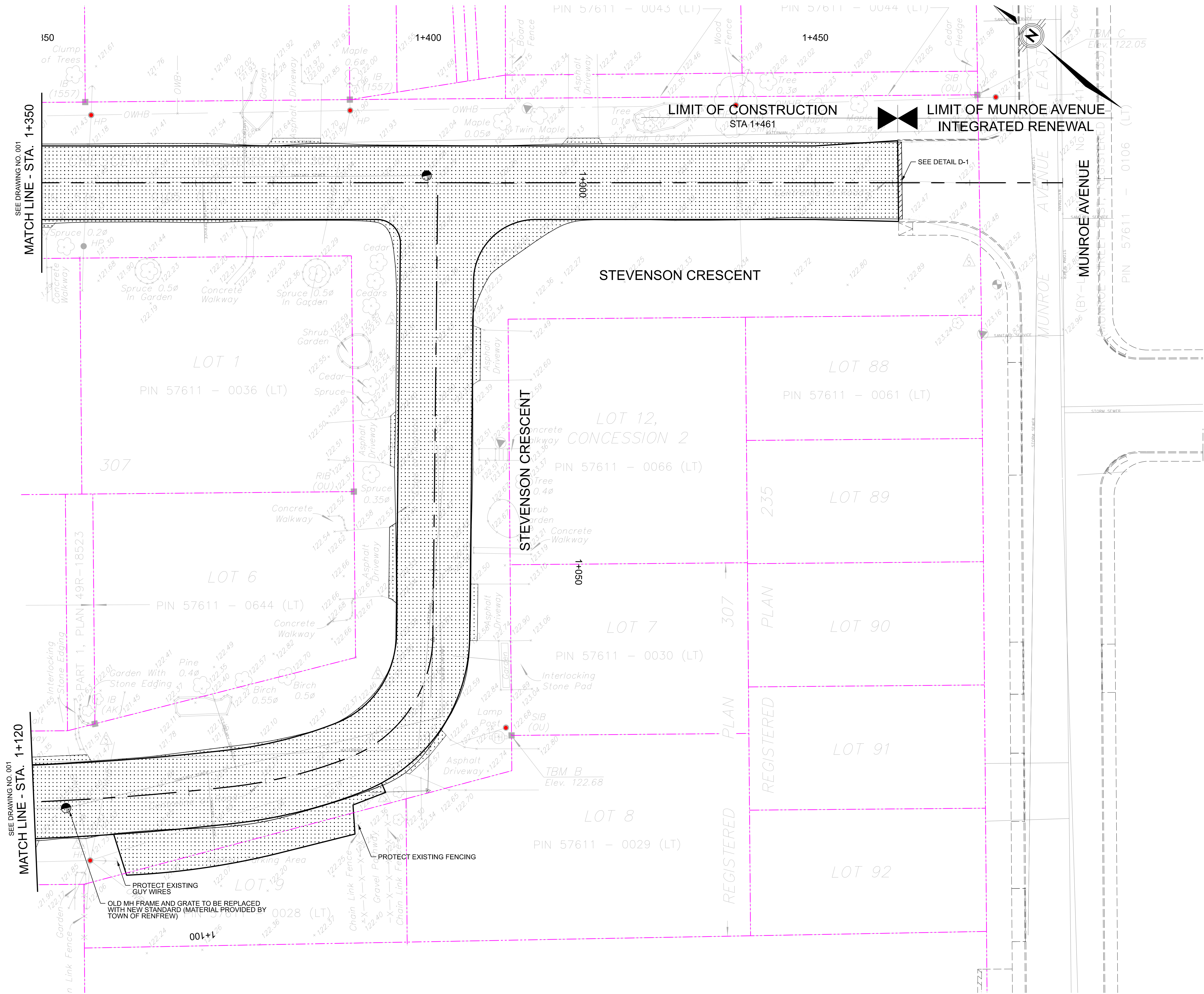
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02	ISSUED FOR 80% SUBMISSION	MH	28/08/2024
01	ISSUED FOR 50% SUBMISSION	MH	02/08/2024
No.	Revision	By	Date (dd/mm/yyyy)



Project Title

STEVENSON CRESCENT
REHABILITATION

Drawing Title		
ALIGNMENT STEVENSON CRESCENT		
Designed by:	MS	
Drawn by:	MS	
Approved by:	MH	
Project No.	479069	Drawing No. 003



NOTES

PRELIMINARY
NOT FOR CONSTRUCTION
May 27, 2025



No.	Revision	By	Date (dd/mm/yyyy)
03	ISSUED FOR TENDER	MH	23/05/2025
02	ISSUED FOR 80% SUBMISSION	MH	28/08/2024
01	ISSUED FOR 50% SUBMISSION	MH	02/08/2024



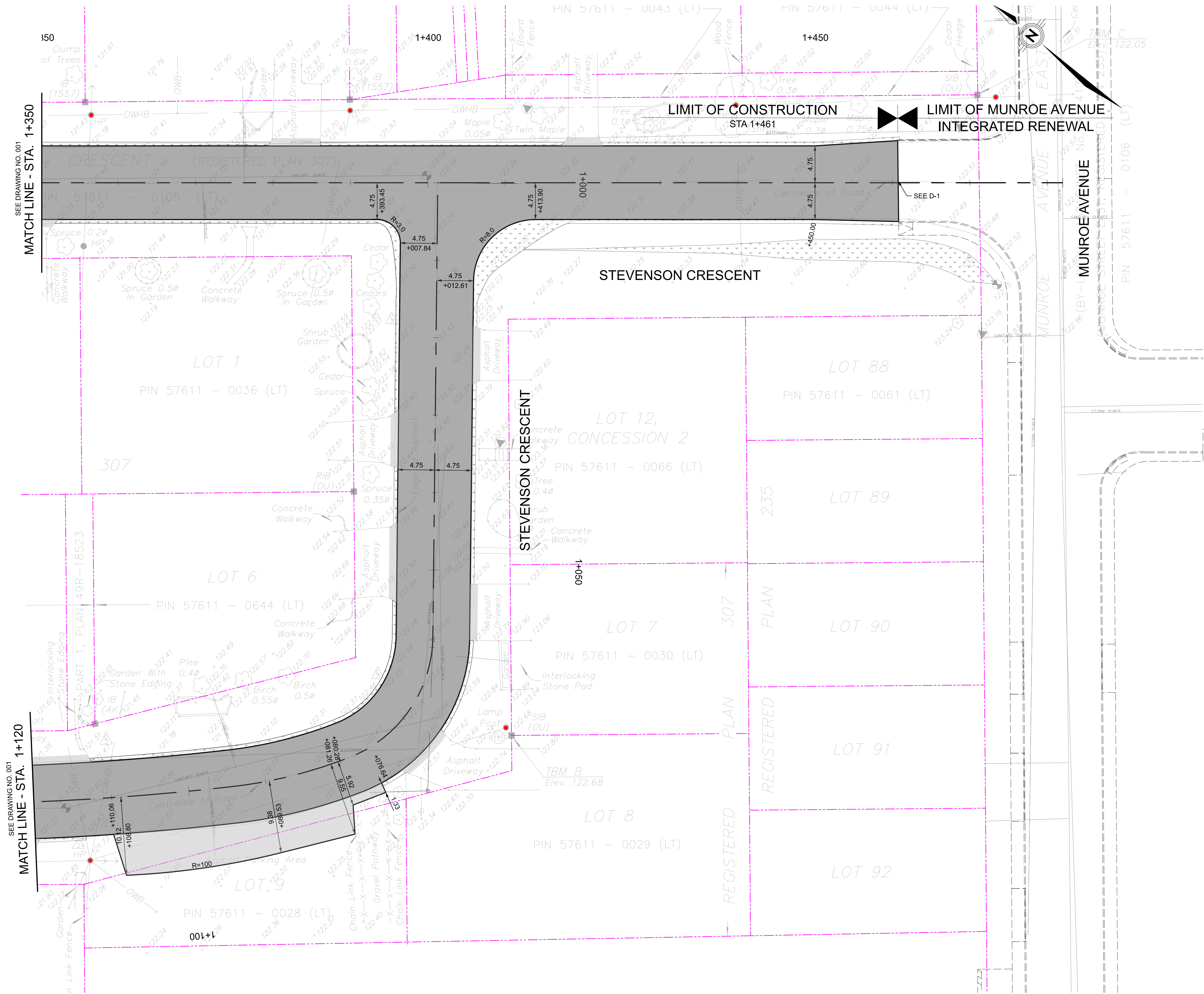
Project Title

STEVENSON CRESCENT
REHABILITATION

Drawing Title

REMOVALS 2
STEVENSON CRESCENT
STA. 1+000 TO STA. 1+120
STA. 1+350 TO LIMIT OF CONTRACT

Designed by:	MS	Datum	NOB3CSGS CGVD2015
Drawn by:	MS		
Approved by:	MH		
Project No.	479069	Drawing No.	005



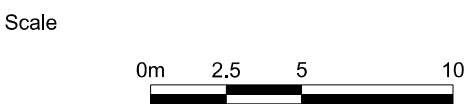
NOTES

1. GRADING LIMITS ARE PROVIDED AS A GUIDE, AND SHOULD BE ADJUSTED IN THE FIELD IN ORDER TO SUIT SPECIFIC SITE CONSTRAINTS.

PRELIMINARY
NOT FOR CONSTRUCTION
May 27, 2025



No.	Revision	By	Date (dd/mm/yyyy)
03	ISSUED FOR TENDER	MH	23/05/2025
02	ISSUED FOR 80% SUBMISSION	MH	28/08/2024
01	ISSUED FOR 50% SUBMISSION	MH	02/08/2024



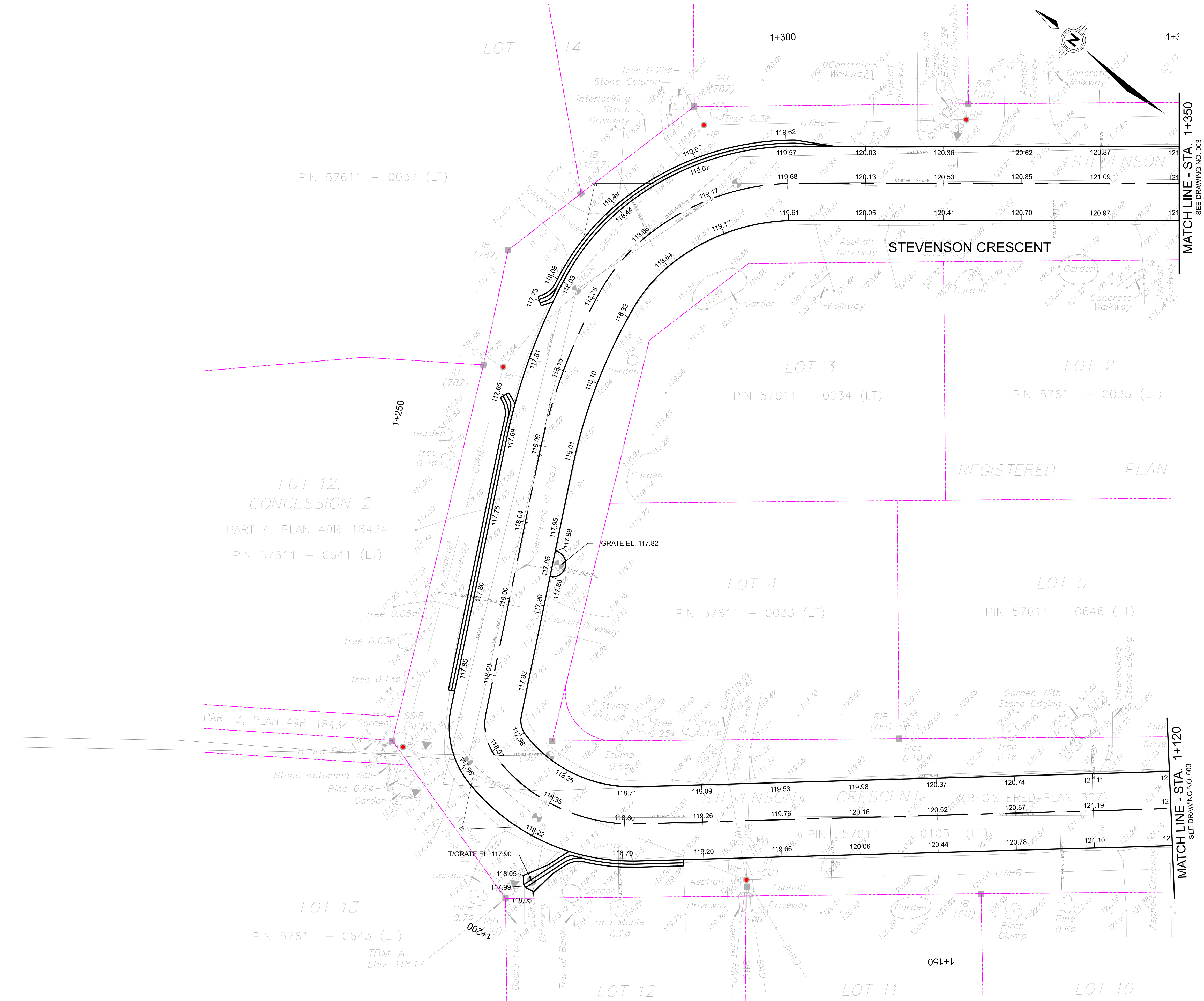
Project Title

STEVENSON CRESCENT
REHABILITATION

Drawing Title
**GEOMETRY &
GENERAL LAYOUT 2
STEVENSON CRESCENT
STA. 1+000 TO STA. 1+120
STA. 1+350 TO LIMIT OF CONTRACT**

Designed by:	MS	Datum	
Drawn by:	MS		
Approved by:	MH		

Project No. 479069
Drawing No. 007



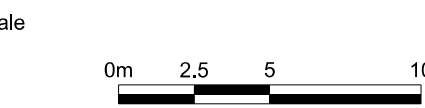
- GENERAL NOTES:
1. DRIVEWAY TIE-INS- MATCH EXISTING ELEVATIONS AT DRIVEWAYS - 8% MAX. SLOPES.
- NOTES:
1. ELEVATIONS ARE PROVIDED AS A GUIDE, AND SHOULD BE ADJUSTED IN THE FIELD IN ORDER TO SUIT SPECIFIC SITE CONSTRAINTS.
 2. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE TOWARDS EXISTING CATCH BASINS.

PRELIMINARY
NOT FOR CONSTRUCTION
May 27, 2025



03	ISSUED FOR TENDER	MH	23/05/2025
02	ISSUED FOR 80% SUBMISSION	MH	28/08/2024
01	ISSUED FOR 50% SUBMISSION	MH	02/08/2024

No.	Revision	By	Date (dd/mm/yyyy)
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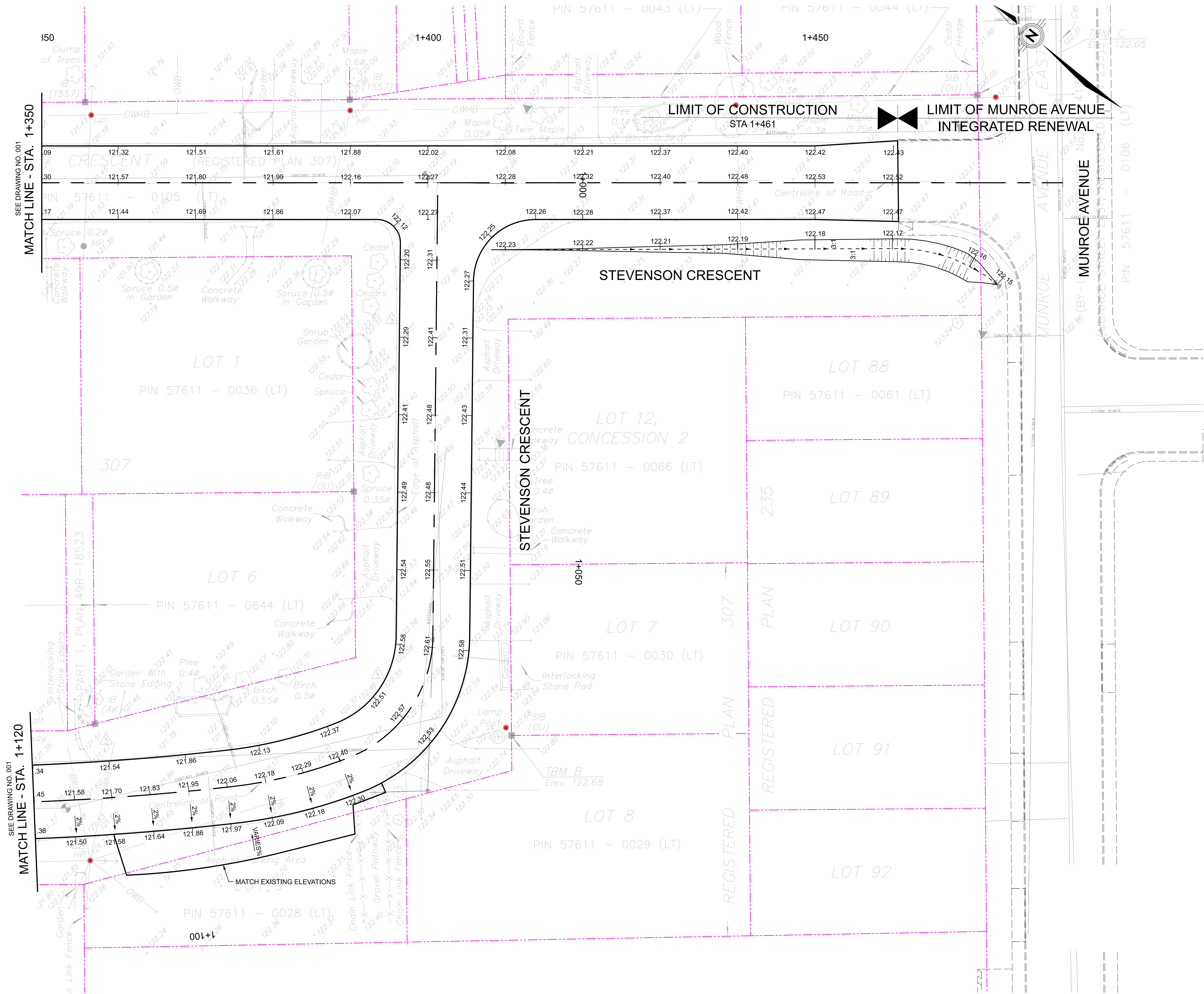
Project Title

STEVENSON CRESCENT
REHABILITATION

Drawing Title

GRADING AND
DRAINAGE 1
STEVENSON CRESCENT
STA. 1+120 TO STA. 1+350

Designed by:	MS	Datum	NOB3C355 CVD205
Drawn by:	MS		
Approved by:	MH		
Project No.	479069	Drawing No.	008



- GENERAL NOTES:
- DRIVEWAY TIE-INS - MATCH EXISTING ELEVATIONS AT DRIVEWAYS - 8% MAX. SLOPES.
- NOTES:
- ELEVATIONS ARE PROVIDED AS A GUIDE AND SHOULD BE ADJUSTED IN THE FIELD IN ORDER TO SUIT SPECIFIC SITE CONSTRAINTS.
 - CONTRACTOR TO PROVIDE POSITIVE DRAINAGE TOWARDS EXISTING CATCH BASINS.

PRELIMINARY
NOT FOR CONSTRUCTION
May 27, 2025



No.	Revision	By	Date (dd/mm/yyyy)
03	ISSUED FOR TENDER	MH	23/05/2025
02	ISSUED FOR 80% SUBMISSION	MH	28/08/2024
01	ISSUED FOR 50% SUBMISSION	MH	02/08/2024

Scale
0m 2.5 5 10

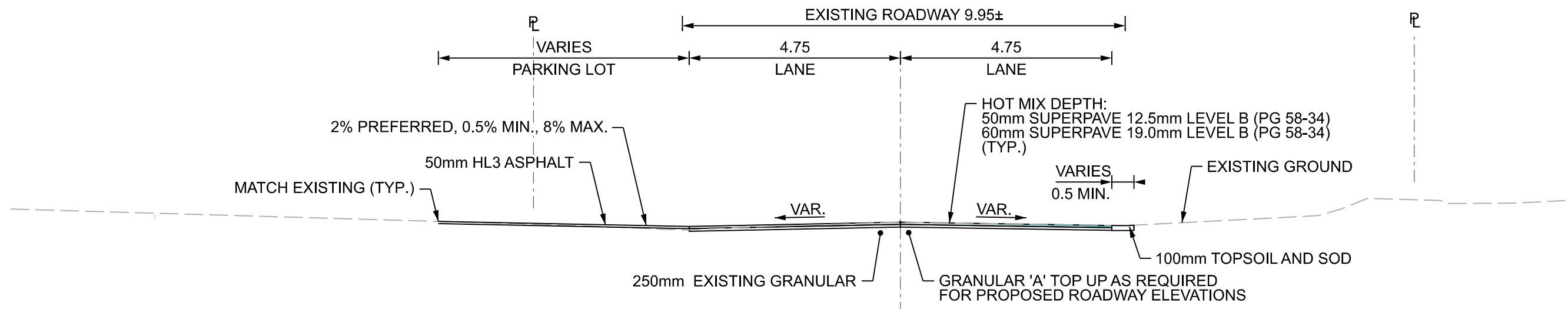
Project Title
**STEVENSON CRESCENT
REHABILITATION**

Drawing Title
**GRADING AND
DRAINAGE 2
STEVENSON CRESCENT
STA. 1+000 TO STA. 1+120
STA. 1+350 TO LIMIT OF CONTRACT**

Designed by: MS
Drawn by: MS
Approved by: MH

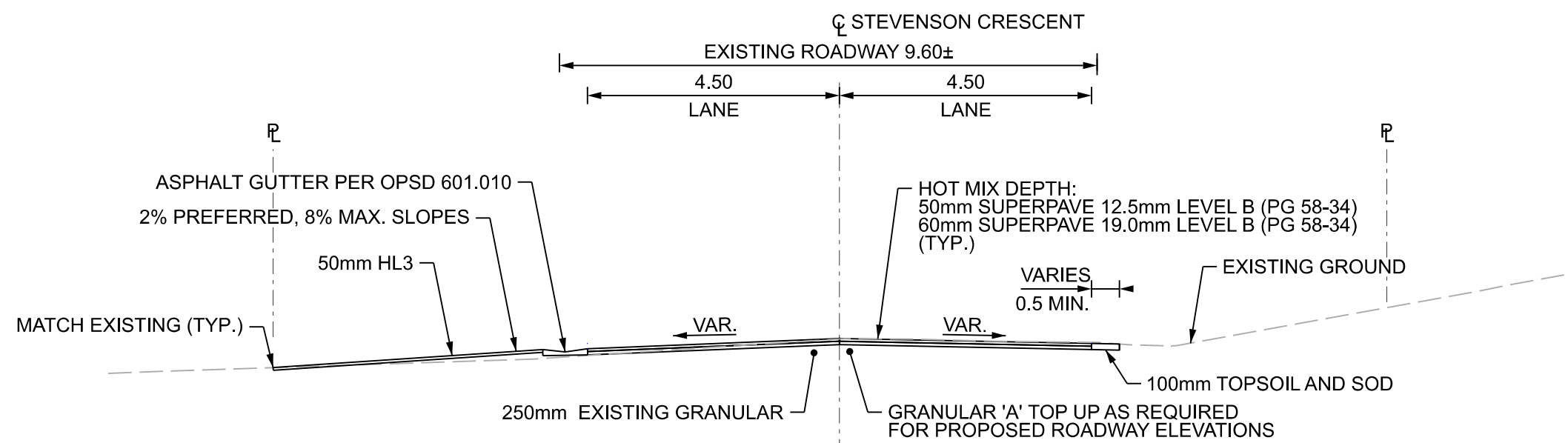
Project No. 479069
Drawing No. 009

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Plot Date: 2025-05-27



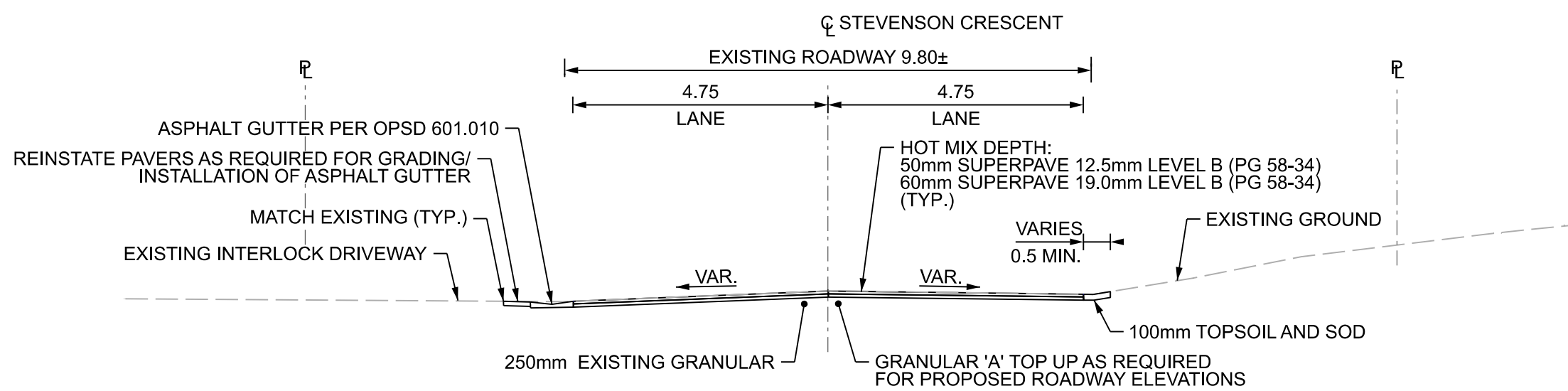
STEVENSON CRESCENT TYPICAL SECTION

STA. 1+100



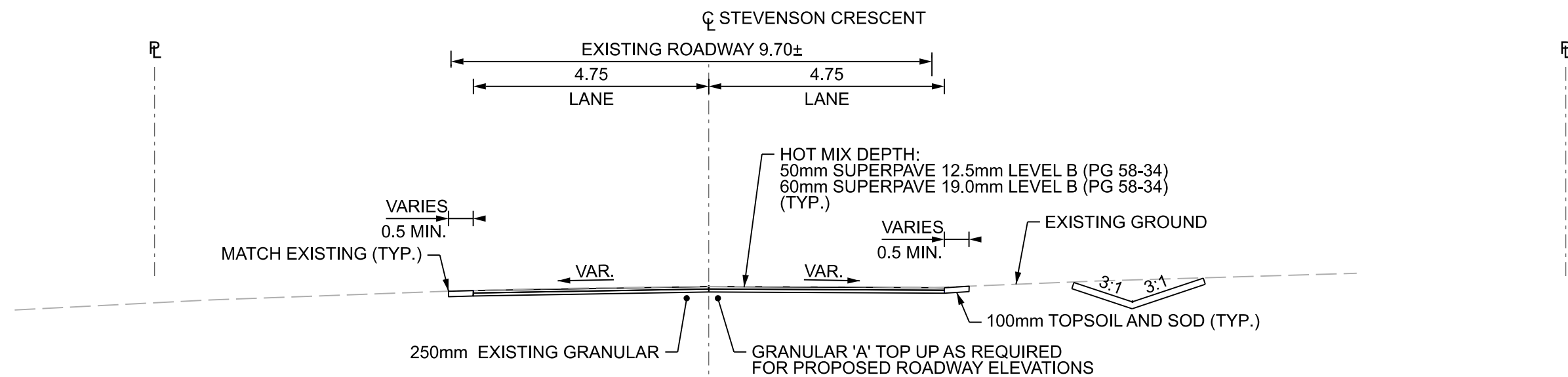
STEVENSON CRESCENT TYPICAL SECTION

STA. 1+235



STEVENSON CRESCENT TYPICAL SECTION

STA. 1+285



STEVENSON CRESCENT TYPICAL SECTION

STA. 1+450

- GENERAL NOTES:
- REINSTATEMENT OF TOPSOIL AND SEED LIMITS ARE ASSUMED AS DISTURBED AREA DURING PROPOSED WORKS - IF ADDITIONAL WORKS ARE DISTURBED, CONTRACTOR IS TO REINSTATE TO EXISTING CONDITIONS OR BETTER.
- DRIVEWAY TIE-INS SHOULD BE DONE AT 2% SLOPES WITH A MINIMUM OF 0.5% OR A MAX. OF 5% TO TIE INTO EXISTING DRIVEWAYS/PARKING LOTS.

PRELIMINARY
NOT FOR CONSTRUCTION
May 27, 2025



No.	Revision	By	Date (dd/mm/yy)
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02	ISSUED FOR 80% SUBMISSION	MH	28/08/2024
01	ISSUED FOR 50% SUBMISSION	MH	02/08/2024

Scale

Project Title

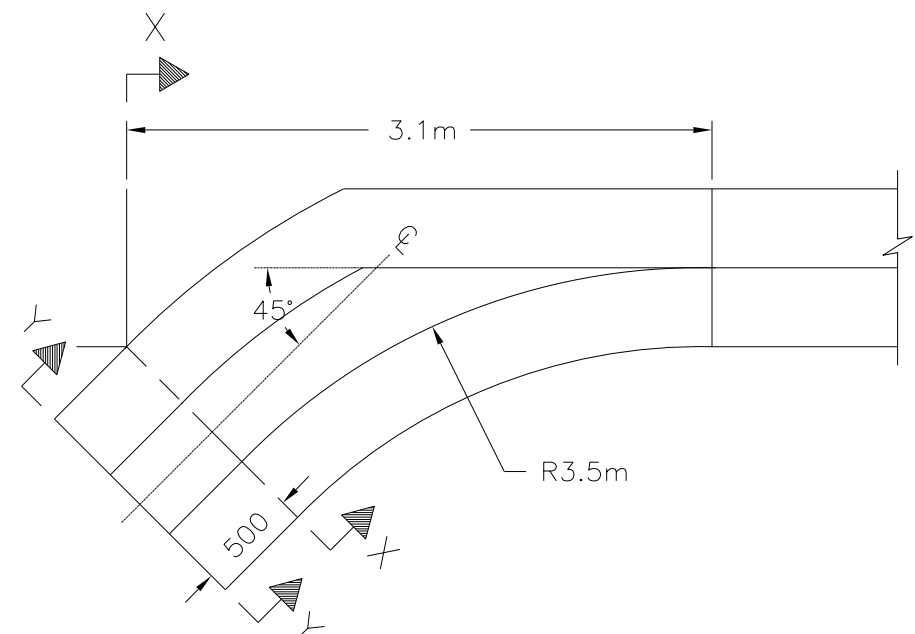
**STEVENSON CRESCENT
REHABILITATION**

Drawing Title

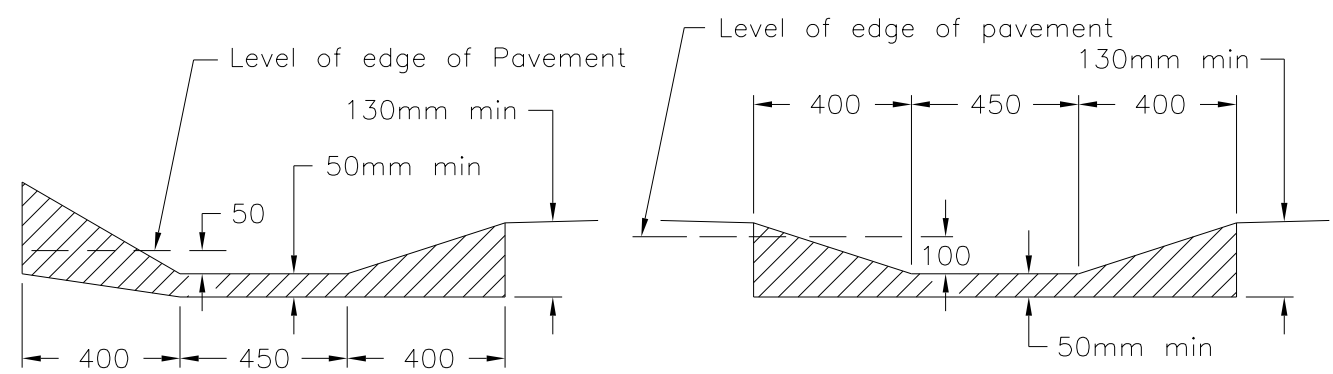
**TYPICAL SECTIONS
STEVENSON CRESCENT**

Designed by:	MS	Datum	
Drawn by:	MS		
Approved by:	MH		
Project No.	479069	Drawing No.	011

Consultant's Information: p:\01\ANVA\01\PW\NT01\Parsons.com\Ontario Provincial Documents\City of Ottawa Projects\2023\172003 - Stevenson\30_Design\CAD\Roadway\01-Sheets\172003-008-DTL_001.dgn
Last Saved: 5/16/2025 2:31:02 PM
Plot Date: 2025-05-27



45° ASPHALT OUTLET



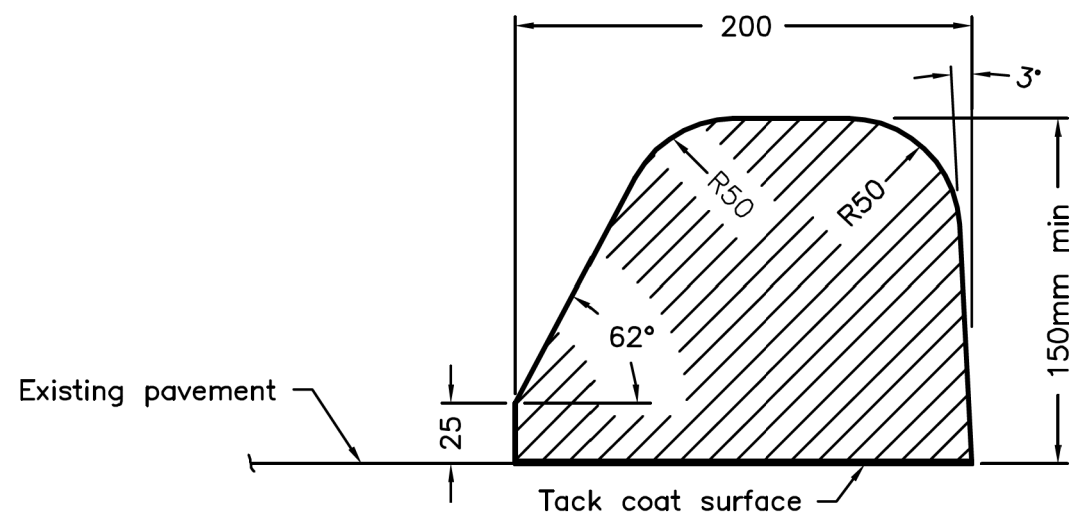
SECTION X-X, Typ

SECTION Y-Y, Typ

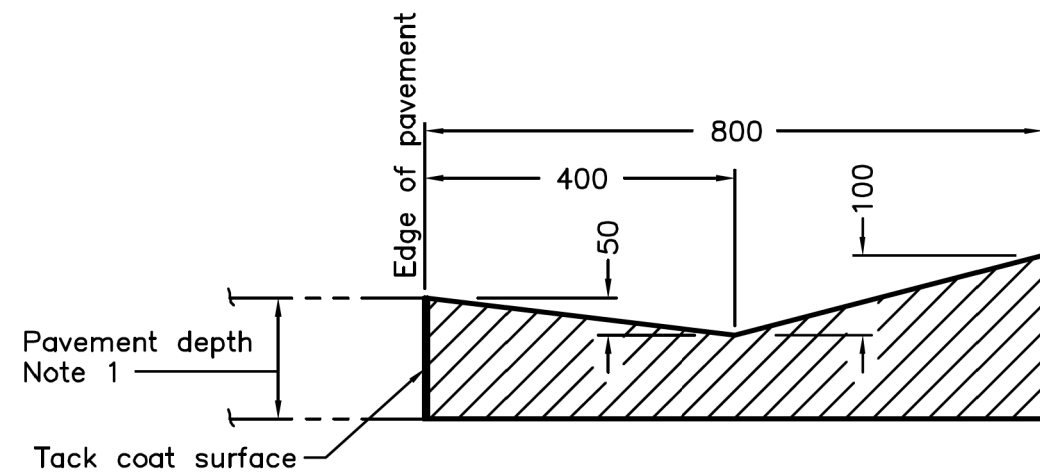
- NOTES:
- 1 For asphalt curb with gutter refer to OPSD 601.010.
 - A For asphalt spillway details refer to OPSD 605.040.
 - B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING		Nov 2013	Rev	2	
30° AND 45° ASPHALT OUTLETS FOR ASPHALT CURB WITH GUTTER		-----			

		OPSD 605.020MOD.			



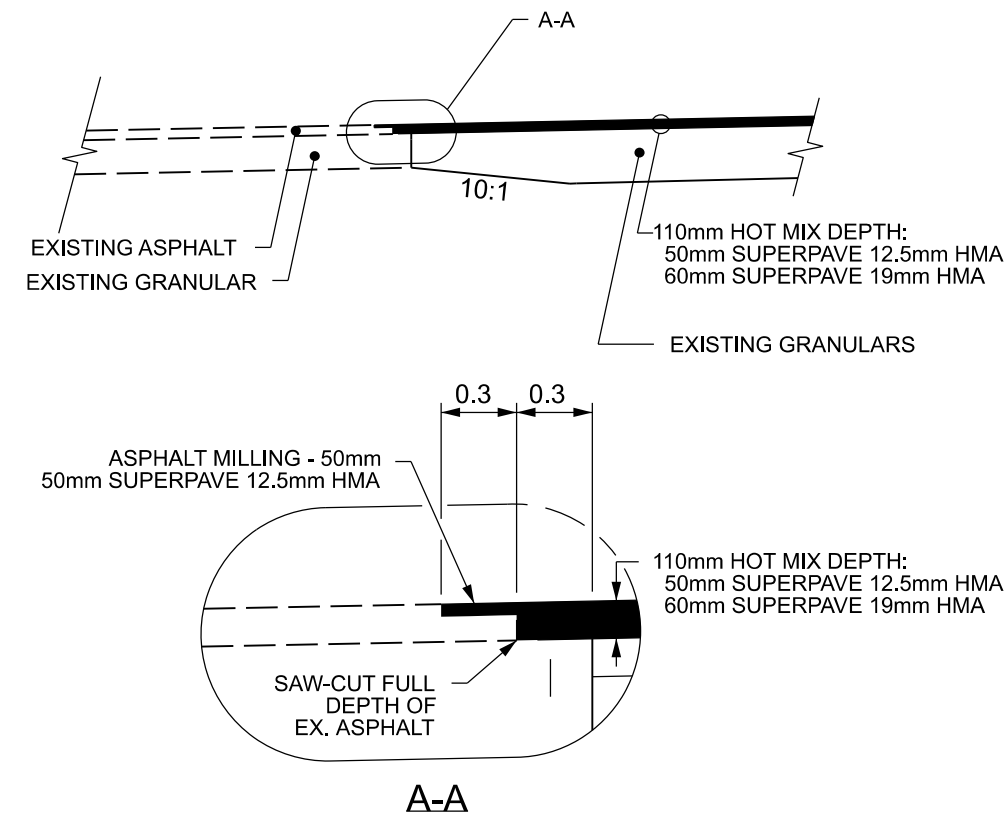
ASPHALT BARRIER CURB
(MACHINE LAID)



ASPHALT MOUNTABLE CURB WITH WIDE GUTTER

- NOTES:
- 1 Depth of asphalt curb with gutter at pavement edge shall equal depth of new pavement, but in no case less than 130mm.
 - A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING		Nov 2013	Rev	2	
ASPHALT CURB AND ASPHALT CURB WITH GUTTER					
		OPSD 601.010			



NEW TO EXISTING PAVEMENT TRANSITION TREATMENT

PARSONS

D - 1

PRELIMINARY
NOT FOR CONSTRUCTION
May 27, 2025



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No.	Revision	By	Date (dd/mm/yy)

Scale

Project Title

STEVENSON CRESCENT
REHABILITATION

Drawing Title

DETAILS

Designed by:	MS		
Drawn by:	MS		
Approved by:	MH		
Project No.	479069	Drawing No.	011