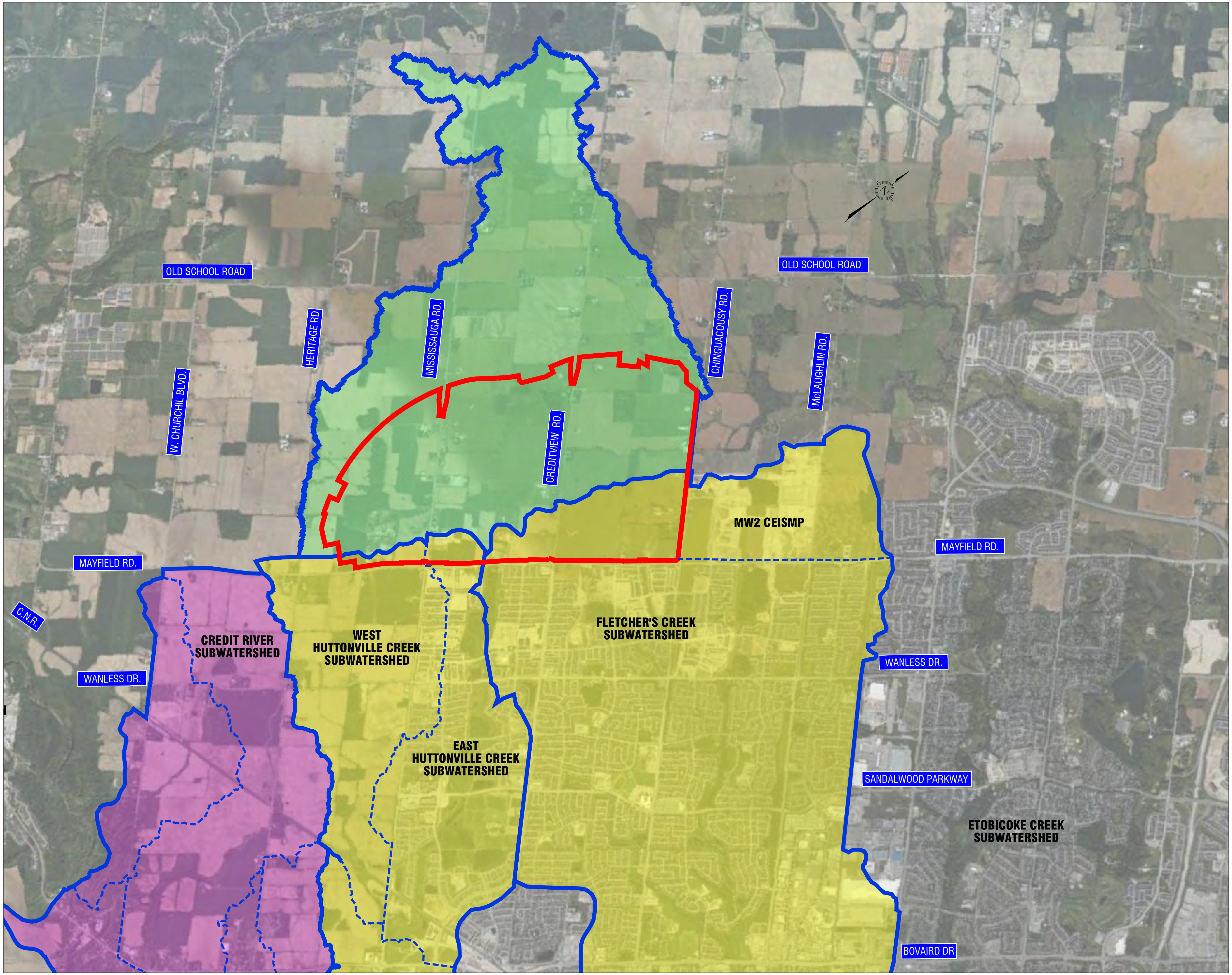
APPENDIX A
DRAWINGS AND FIGURES


OLD SCHOOL ROAD
OLD SCHOOL ROAD
HERITAGE RD
MISSISSAUGA RD.
CHINGUACOUSY RD.
McLAUGHLIN RD.
W. CHURCHIL BLVD.
CREDITVIEW RD.
MW2 CEISMP
MAYFIELD RD.
MAYFIELD RD.
C.N.R.
CREDIT RIVER SUBWATERSHED
WEST HUTTONVILLE CREEK SUBWATERSHED
FLETCHER'S CREEK SUBWATERSHED
WANLESS DR.
WANLESS DR.
EAST HUTTONVILLE CREEK SUBWATERSHED
SANDALWOOD PARKWAY
ETOBICOKE CREEK SUBWATERSHED
BOVAIRD DR

LEGEND:

- 🟥 Alloa Secondary Plan Area Limit
- 🟦 Subwatershed Boundaries
- 🟨 Huttonville Creek Subwatershed (SWS approved in 2011)
- 🟨 Fletcher's Creek Subwatershed (SWS approved in 2011)
- 🟨 Mayfield West 2 (CEISMP approved in 2019)
- 🟪 Credit River Tributaries Subwatershed (on going SWS)
- 🟩 Alloa (On going Scoped SWS)

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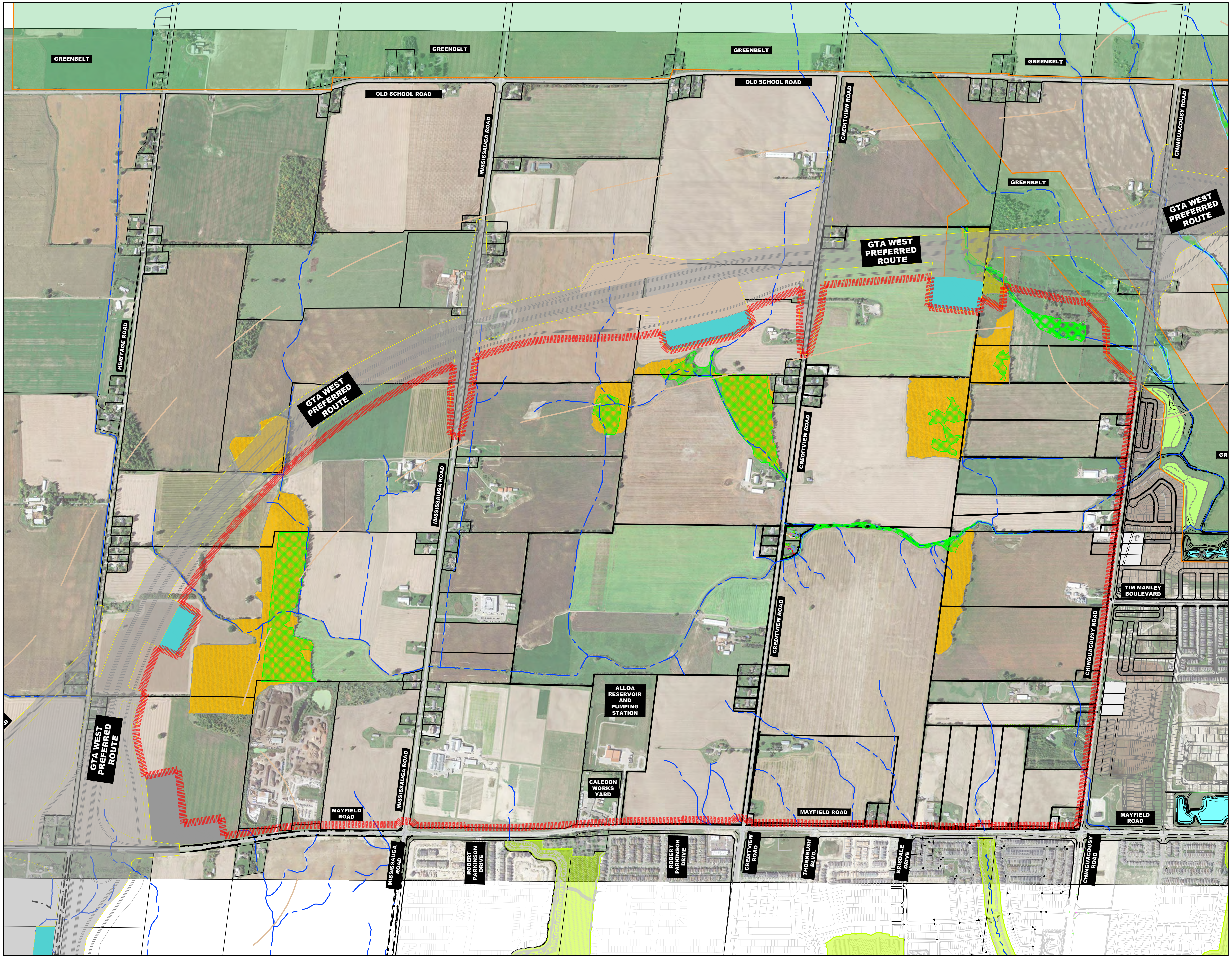
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

SUBWATERSHED BOUNDARIES

PROJECT No.	DATE	SCALE	FIG No.
20-665	JULY 2024	1:40,000	1.1

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\1_INTRODUCTION\FIG 1.1_Subwatershed Boundaries.dwg - Revised by <DZEC> : Mon, Jun 24 2024 - 3:26pm


GREENBELT
GREENBELT
GREENBELT
GREENBELT
GREENBELT
OLD SCHOOL ROAD
OLD SCHOOL ROAD
MISSISSAUGA ROAD
CREDITVIEW ROAD
CHINGUACOUSY ROAD
HERITAGE ROAD
GTA WEST PREFERRED ROUTE
GTA WEST PREFERRED ROUTE
GTA WEST PREFERRED ROUTE
GTA WEST PREFERRED ROUTE
MISSISSAUGA ROAD
CREDITVIEW ROAD
CREDITVIEW ROAD
TIM MANLEY BOULEVARD
CHINGUACOUSY ROAD
ALLOA RESERVOIR AND PUMPING STATION
CALEDON WORKS YARD
MISSISSAUGA ROAD
MAYFIELD ROAD
MAYFIELD ROAD
MAYFIELD ROAD
MISSISSAUGA ROAD
ROBERT PARKINSON DRIVE
ROBERT PARKINSON DRIVE
CREDITVIEW ROAD
THORNBUSH BLVD.
BRISDALE DRIVE
CHINGUACOUSY ROAD

LEGEND:

🟥	ALLOA BOUNDARY
🟩	GREENBELT
🟨	EXISTING WOODLOT
🟩	EXISTING WETLAND
- - -	EXISTING WATERCOURSE
☐	PROPERTY BOUNDARY

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ALLOA SECONDARY PLAN
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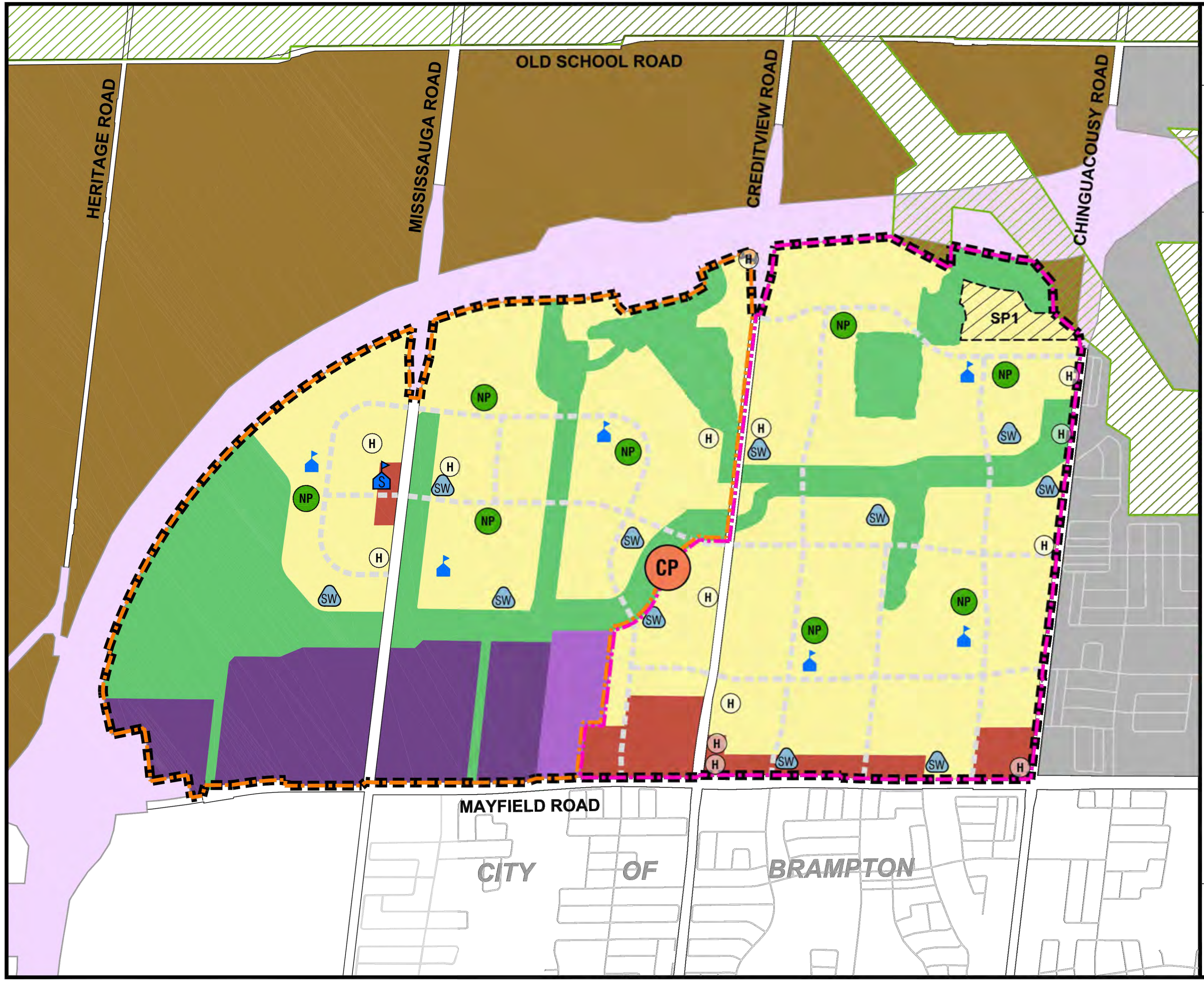
SERVICING STUDY

SECONDARY PLAN STUDY AREA

PROJECT No.	DATE	SCALE	FIG No.
20-665	JULY 2024	1:15,000	**1.2**

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\1_INTRODUCTION\FIG 1.2 - Secondary Plan Study Area.dwg - Revised by <DZEC> : Sat, Jun 22 2024 - 9:56am

P:\888-003\4. Drawings\2024 06 June\Alloa Secondary Plan Schedule June 21 24.dwg



TOWN OF CALEDON

OFFICIAL PLAN

Schedule XX

Alloa Secondary Plan: Land Use Plan

Land Use

🟨	Neighbourhood Area
🟥	Major Commerical / Mixed-Use Area
🟪	Prestige Employment Area
🟪	General Employment Area
🟩	Natural Environment System Area
🟫	Prime Agricultural Area
⬜	Urban Area
▨	Greenbelt Plan Area
NP	Neighbourhood Park
CP	Community Park
⚑	Elementary School
⚑ S	Secondary School
SW	Stormwater Management Pond
H	Potential Heritage Resource

Other Map Elements

▭	Secondary Plan Boundary
▭	Phase 1 Boundary
▭	Phase 2 Boundary
▭	Planned Highway 413 Transportation Corridor
┅	Collector Road
SP1	Special Policy Area

N

0 100 200 300 400 500 m

Date of print: 6/21/2024

June 2024

This map forms part of the Future Caledon Official Plan of the Town of Caledon and must be read in conjunction with the text, other schedules and secondary plans. The boundaries/alignments of designations on this schedule are approximate and are not intended to be scaled.

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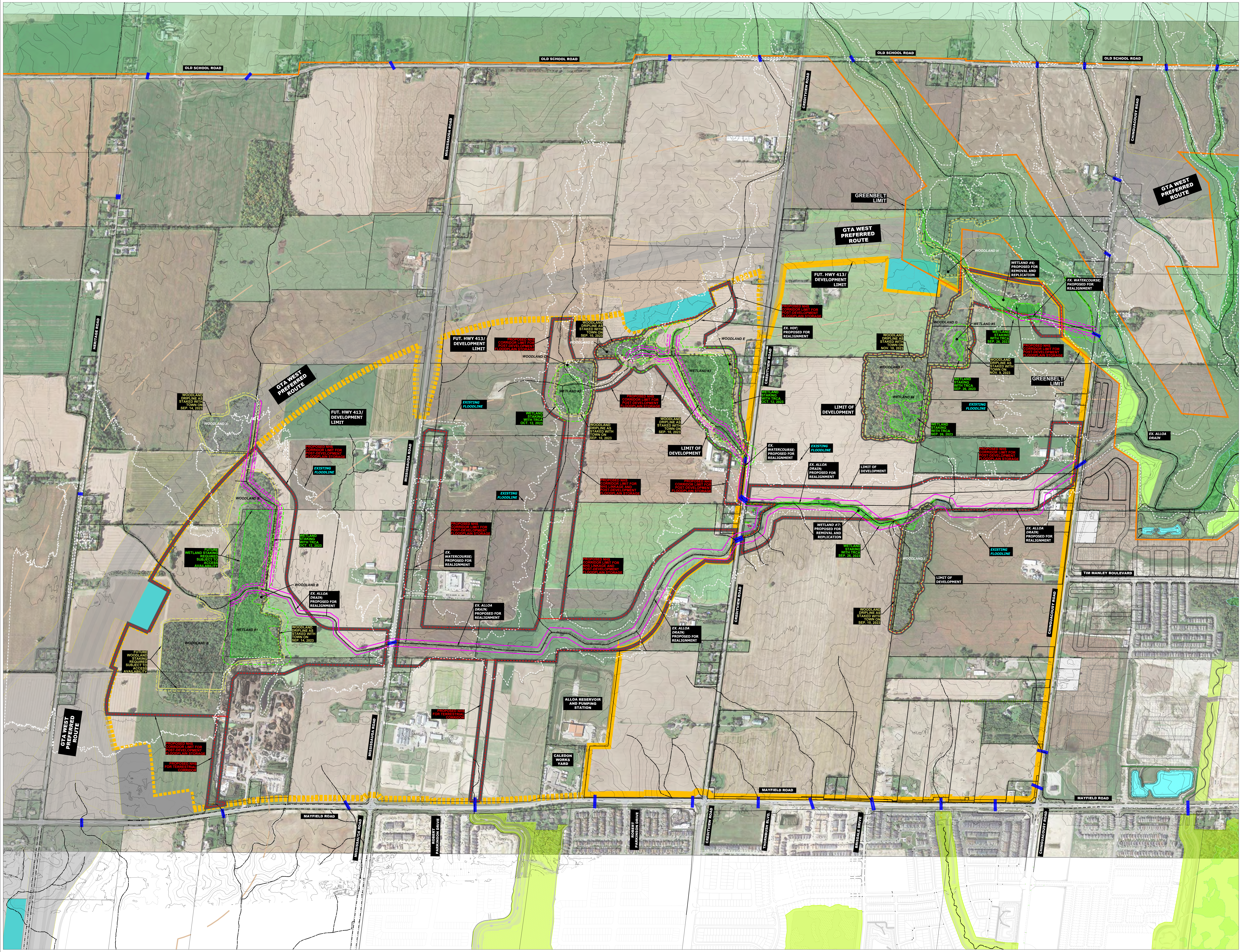
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

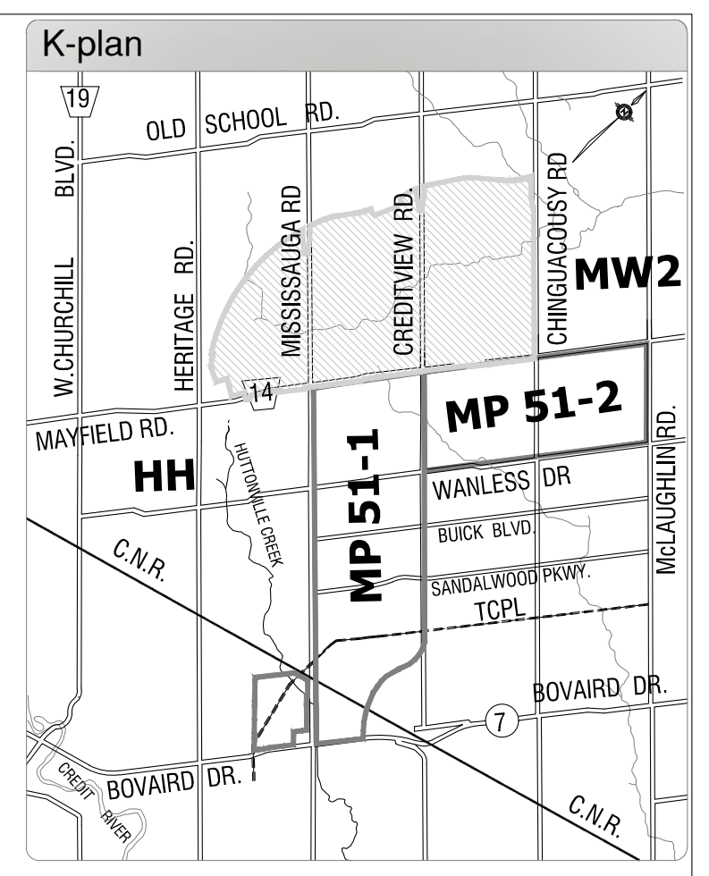
SECONDARY PLAN LAND USE SCHEDULE

PROJECT No.	DATE	SCALE	FIG No.
20-665	JULY 2024	NTS	**1.4**

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\1_INTRODUCTION\FIG 1.4 - Secondary Plan Land Schedule.dwg - Revised by <DZEC> : Mon, Jun 24 2024 - 12:17pm


OLD SCHOOL ROAD
HERITAGE ROAD
MISSISSAUGA ROAD
CREDITVIEW ROAD
CHINGUACOUSY ROAD
GREENBELT LIMIT
GTA WEST PREFERRED ROUTE
FUT. HWY 413/ DEVELOPMENT LIMIT
WOODLAND DRIPLINE AS STAKED WITH TOWN ON SEP. 14, 2023
WOODLAND A
WOODLAND B
WOODLAND C
WOODLAND D
WOODLAND E
WOODLAND F
WOODLAND G
WOODLAND H
WOODLAND I
WETLAND #1
WETLAND #2
WETLAND #3
WETLAND #4
WETLAND #5
WETLAND #6; PROPOSED FOR REMOVAL AND REPLICATION
WETLAND #7; PROPOSED FOR REMOVAL AND REPLICATION
PROPOSED NHS CORRIDOR LIMIT FOR POST-DEVELOPMENT FLOODPLAIN STORAGE
PROPOSED NHS CORRIDOR LIMIT FOR NHS LINKAGE AND POST-DEVELOPMENT FLOODPLAIN STORAGE
PROPOSED NHS FOR TERRESTRIAL CORRIDOR
EXISTING FLOODLINE
WETLAND STAKING WITH TRCA OCT. 12, 2023
WETLAND STAKING WITH TRCA SEP. 26, 2023
WOODLAND DRIPLINE AS STAKED WITH TOWN ON SEP. 10, 2023
WOODLAND DRIPLINE AS STAKED WITH TOWN ON NOV. 10, 2023
WOODLAND DRIPLINE AS STAKED WITH TOWN ON NOV. 9, 2023
FUTURE WETLAND STAKING REQUIRED SUBJECT TO ACCESS AVAILABILITY
FUTURE WOODLAND STAKING REQUIRED SUBJECT TO ACCESS AVAILABILITY
EX. HDF; PROPOSED FOR REALIGNMENT
EX. WATERCOURSE; PROPOSED FOR REALIGNMENT
EX. ALLOA DRAIN; PROPOSED FOR REALIGNMENT
EX. ALLOA DRAIN
LIMIT OF DEVELOPMENT
ALLOA RESERVOIR AND PUMPING STATION
CALEDON WORKS YARD
TIM MANLEY BOULEVARD
MAYFIELD ROAD
ROBERT PARKINSON DRIVE
THORNBUSH BLVD.
BRISDALE DRIVE

K-plan


19
OLD SCHOOL RD.
W.CHURCHILL BLVD.
HERITAGE RD.
MISSISSAUGA RD
CREDITVIEW RD.
CHINGUACOUSY RD
MW2
14
MAYFIELD RD.
HH
MP 51-1
MP 51-2
WANLESS DR
BUICK BLVD.
SANDALWOOD PKWY.
TCPL
HUTTONVILLE CREEK
McLAUGHLIN RD.
C.N.R.
BOVAIRD DR.
7
CREDIT RIVER

LEGENDA

🟧	ALLOA PHASE 1 BOUNDARY
▮▮▮▮	ALLOA PHASE 2 BOUNDARY
244.00	EXISTING CONTOUR AND ELEVATION
▮	EXISTING ROAD CROSSING
🟩	GREENBELT
▨	EXISTING WOODLOT
▨	EXISTING WETLAND

—·—·—	EXISTING WATERCOURSE
——	MEANDER BELT (BY GEOMORPHIX, 2024)
- - -	10.0m MEANDER BELT BUFFER
—+—	SURVEYED WETLAND LIMIT
- - -	30.0m WETLAND BUFFER
—+—	SURVEYED WOODLAND LIMIT
- - -	10.0m WOODLAND BUFFER
—·—·—	EXISTING REGULATORY FLOODLINE (SEE DWG.2.2A)
——	POST-DEVELOPMENT REGULATORY FLOODLINE (SEE DWG.4.2G)
- - -	10.0m POST-DEVELOPMENT FLOODLINE BUFFER
-·-·-	PROPOSED NHS LIMIT
▬	NATURAL HERITAGE SYSTEM BOUNDARY

NOTESA

1. DEVELOPMENT LIMITS SHOWN ON THIS PLAN REFLECT A FULL BUILD OUT OF THE ALLOA COMMUNITY. INTERIM DEVELOPMENT OPTIONS TO BE INVESTIGATED AS PART OF INDIVIDUAL DRAFT PLAN APPLICATIONS BASED ON THE DEVELOPMENT STAGING.

2. DEVELOPMENT / NHS LIMITS SHOWN ON THIS PLAN ARE BASED ON THE APPLICABLE SETBACKS FROM THE REGULATED FEATURES STAKED IN THE FIELD WITH THE AGENCIES. WHERE THE EXISTING CREEK REALIGNMENT OR FEATURE RELOCATION HAVE BEEN PROPOSED TO ACCOMMODATE DEVELOPMENT, THE DEVELOPMENT LIMITS WILL BE GOVERNED BY THE PROPOSED NHS CORRIDORS CREATED FOR POST-DEVELOPMENT FLOODPLAIN MANAGEMENT.

3. FOLLOWING BUFFERS WERE ADDED TO EXISTING FEATURE LIMITS:
   a) 30m FROM EDGE OF STAKED PSW
   b) 10m FROM EDGE OF STAKED DRIPLINE

4. FOLLOWING BUFFERS ACCOUNTED FOR IN THE PROPOSED NHS CORRIDORS:
   c) 10m FROM PROPOSED REGIONAL FLOOD LINE
   d) 10m FROM PROPOSED TOP OF BANK

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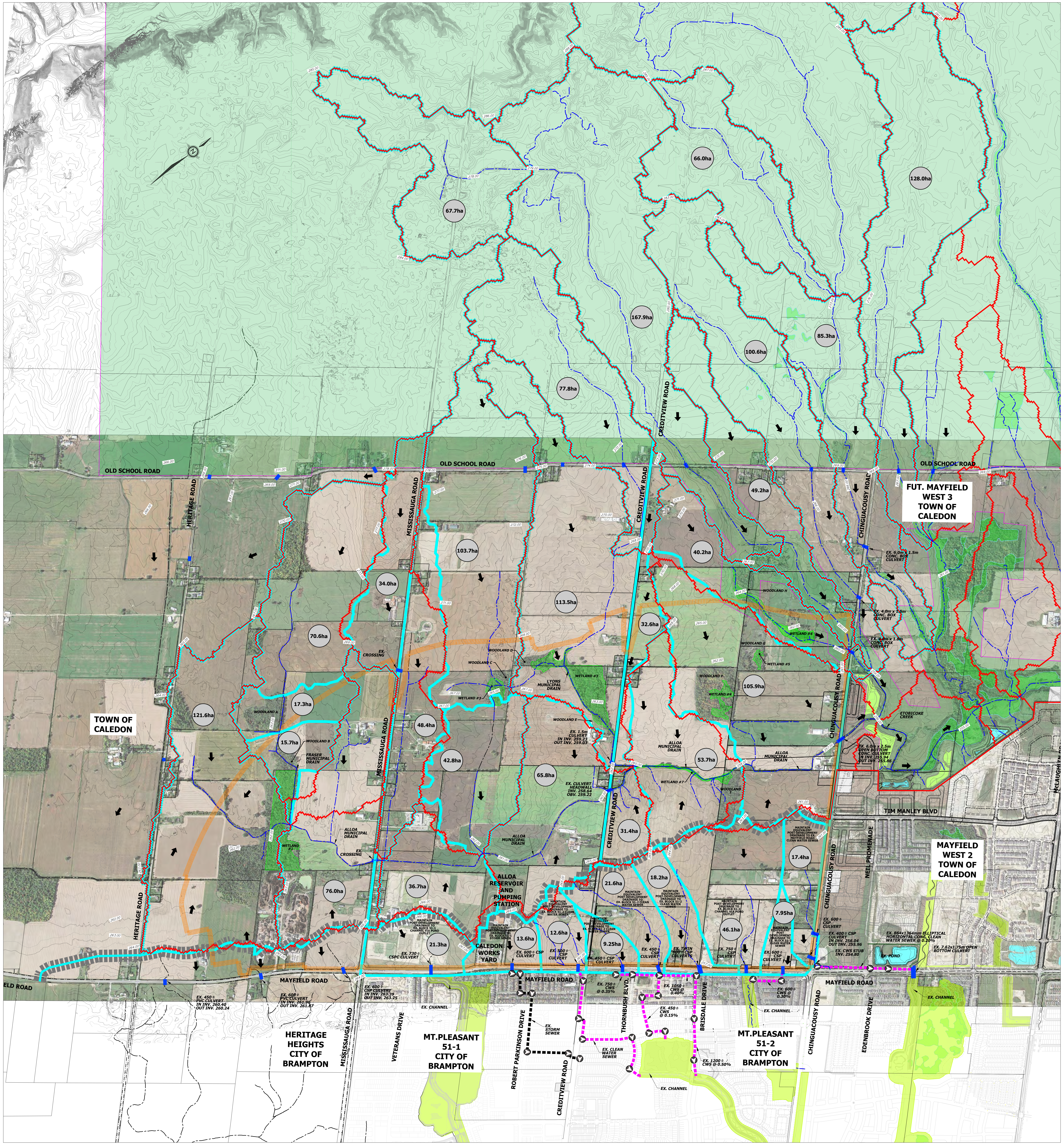
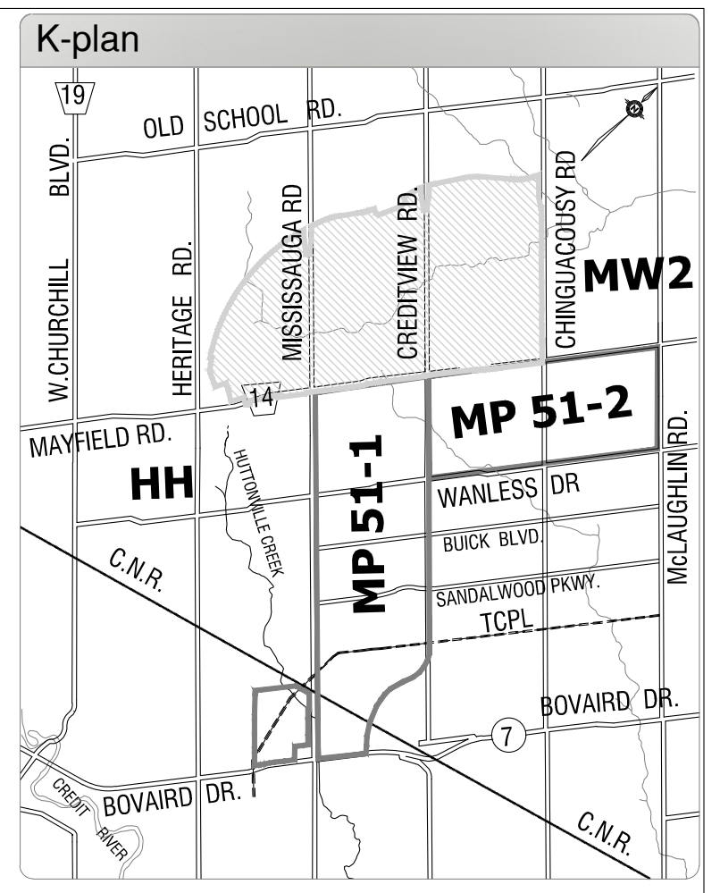
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

CONSTRAINTS MAPPING

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	1:5,000	**2.1**

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\2_STORMWATER MANAGEMENT STRATEGY\DWG 2.1 - Constraints Mapping.dwg - Revised by <DZEC> : Thu, Jun 06 2024 - 4:45pm


OLD SCHOOL ROAD
HERITAGE ROAD
MISSISSAUGA ROAD
CREDITVIEW ROAD
CHINGUACOUSY ROAD
MAYFIELD ROAD
TIM MANLEY BLVD
NEIL PROMENADE
EDENBROOK DRIVE
VETERANS DRIVE
ROBERT PARKINSON DRIVE
THORNBUSH BLVD.
BRISDALE DRIVE
FUT. MAYFIELD WEST 3 TOWN OF CALEDON
MAYFIELD WEST 2 TOWN OF CALEDON
TOWN OF CALEDON
HERITAGE HEIGHTS CITY OF BRAMPTON
MT.PLEASANT 51-1 CITY OF BRAMPTON
MT.PLEASANT 51-2 CITY OF BRAMPTON
ALLOA RESERVOIR AND PUMPING STATION
CALEDON WORKS YARD
ETOBICOKE CREEK
ALLOA MUNICIPAL DRAIN
LYONS MUNICIPAL DRAIN
FRASER MUNICIPAL DRAIN
67.7ha
66.0ha
128.0ha
167.9ha
85.3ha
100.6ha
77.8ha
49.2ha
40.2ha
103.7ha
34.0ha
113.5ha
32.6ha
70.6ha
17.3ha
105.9ha
121.6ha
48.4ha
15.7ha
42.8ha
65.8ha
53.7ha
31.4ha
17.4ha
76.0ha
36.7ha
21.6ha
18.2ha
7.95ha
21.3ha
13.6ha
12.6ha
9.25ha
46.1ha
EX. CHANNEL
EX. POND


K-plan
OLD SCHOOL RD
MAYFIELD RD
MW2
MP 51-2
MP 51-1
HH
BOVAIRD DR.
C.N.R.

LEGEND:

🟧	ALLOA BOUNDARY
🟩	GREENBELT
— · —	EXISTING WATERCOURSE
258.00	EXISTING CONTOUR AND ELEVATION
▬	EXISTING ROAD CROSSING
🟥	PRE-DEVELOPMENT DRAINAGE BOUNDARY (BY TRCA)
▬	PRE-DEVELOPMENT DRAINAGE BOUNDARY (BY URBANTECH)
▨	EXISTING FLETCHERS / ETOBICOKE CREEK WATERSHED DRAINAGE BOUNDARY
46.1ha	PRE-DEVELOPMENT DRAINAGE AREA IN HECTARES
➡	PRE-DEVELOPMENT OVERLAND FLOW DIRECTION
- - ➤ - -	EXISTING CLEAN WATER SEWER AND FLOW DIRECTION
- - ➤ - -	EXISTING STORM SEWER AND FLOW DIRECTION

NOTES:

* PRE-DEVELOPMENT ALLOA DRAINAGE CONTRIBUTES TO FLETCHERS CREEK AND ETOBICOKE CREEK. PRE-DEVELOPMENT CATCHMENT BOUNDARY TO BE GENERALLY MAINTAINED IN THE POST-DEVELOPMENT CONDITION. REFER TO DRAWING 2.4 FOR PRELIMINARY SWM SERVICING DETAILS.

* EXISTING CULVERTS ACROSS MAYFIELD ROAD AND THE SOUTH LIMIT OF CHINGUACOUSY ROAD, CONVEY ALLOA SURFACE DRAINAGE TO FLETCHERS CREEK.

* EXISTING CULVERTS ACROSS CHINGUACOUSY ROAD, BETWEEN ALLOA DRAIN CROSSING AND THE GREENBELT, CONVEY ALLOA SURFACE DRAINAGE TO ETOBICOKE CREEK.

* ULTIMATE STORM OUTLETS ACROSS BOUNDARY ROADS TO BE COORDINATED WITH THE MAYFIELD ROAD AND CHINGUCAOUSY ROAD IMPROVEMENTS BY REGION OF PEEL AND TOWN OF CALEDON RESPECTIVELY.

* MODIFICATION TO THE EXISTING ALLOA MUNICIPAL DRAIN REQUIRED TO PROVIDE ULTIMATE STORM OUTLETS AND MANAGE THE POST-DEVELOPMENT FLOODPLAIN. REFER TO 4 SERIES DRAWINGS FOR CREEK REALIGNMENT AND CHANNEL DETAILS.

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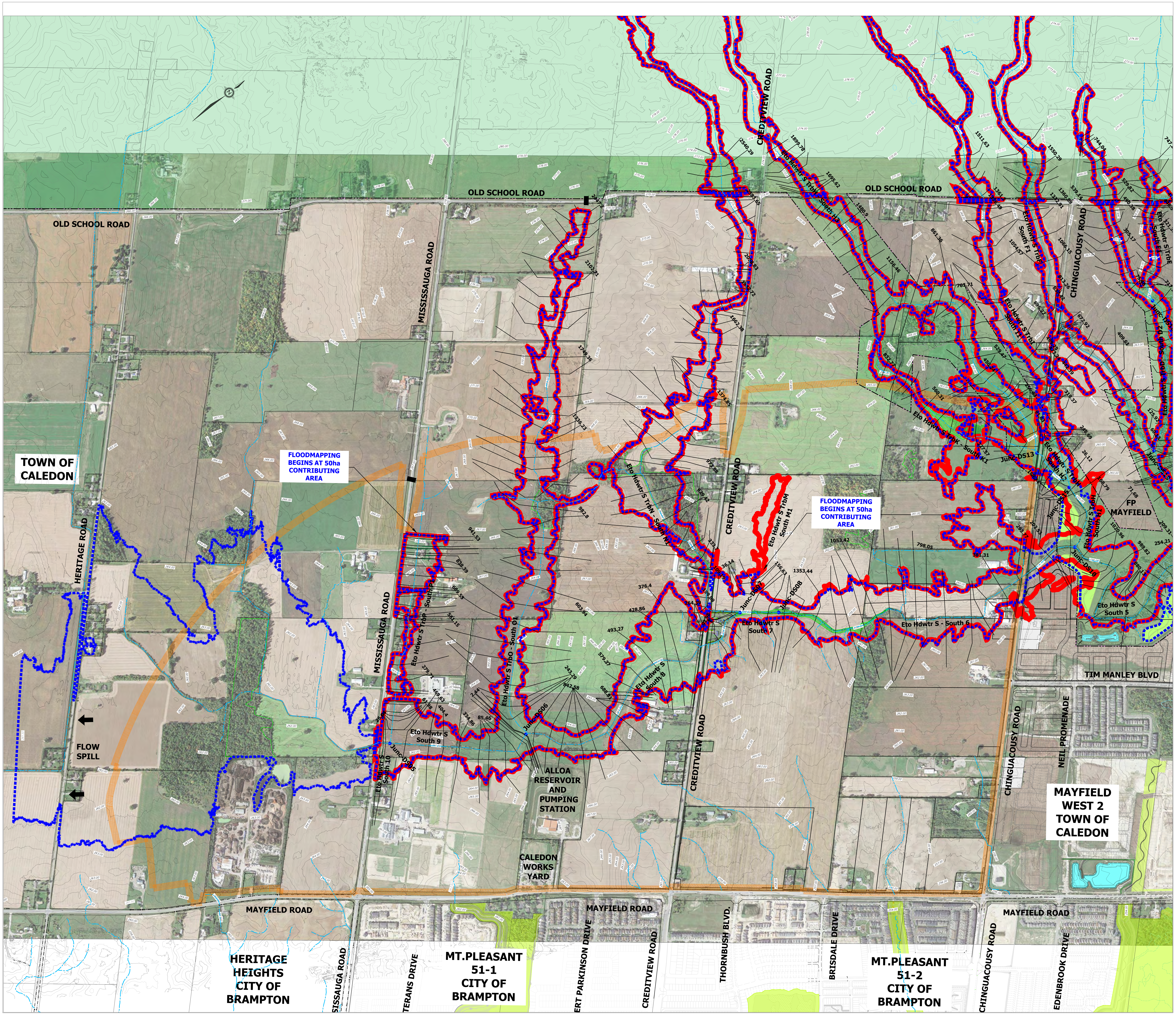
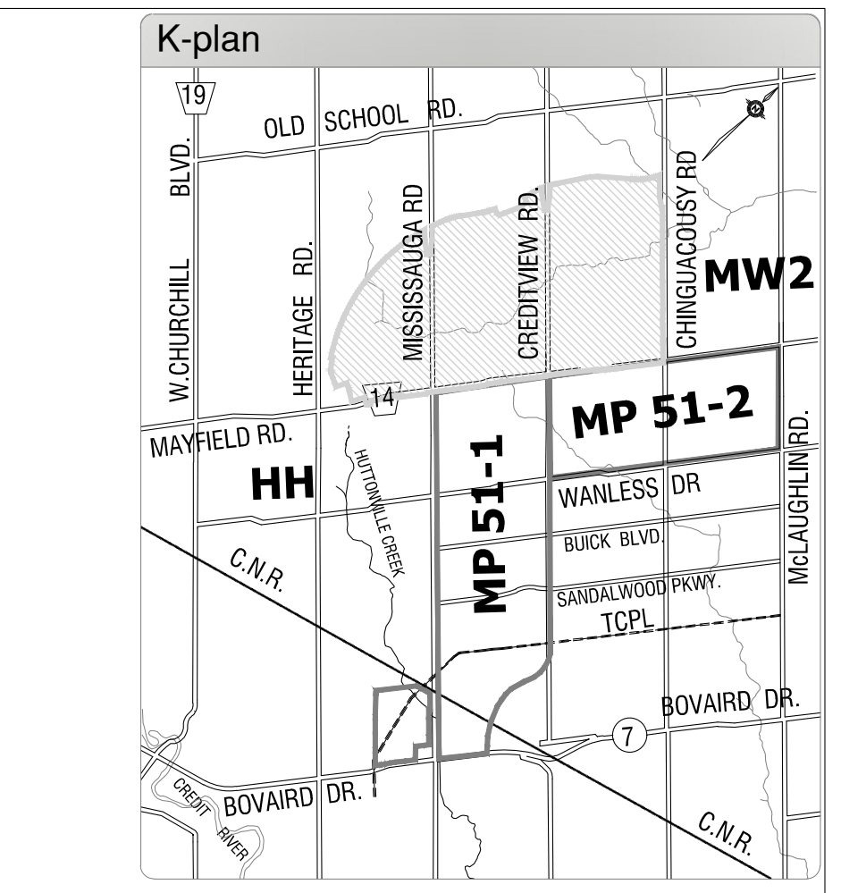
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

PRE-DEVELOPMENT DRAINAGE PLAN

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	1:8,000	2.2A

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\2_STORMWATER MANAGEMENT STRATEGY\DWG 2.2A_Pre-development Drainage Plan.dwg - Revised by <VPAVLOVIC> : Thu, Jun 27 2024 - 12:52pm


OLD SCHOOL ROAD
OLD SCHOOL ROAD
OLD SCHOOL ROAD
MISSISSAUGA ROAD
MISSISSAUGA ROAD
CREDITVIEW ROAD
CREDITVIEW ROAD
CREDITVIEW ROAD
CHINGUACOUSY ROAD
CHINGUACOUSY ROAD
HERITAGE ROAD
NEIL PROMENADE
TIM MANLEY BLVD
MAYFIELD ROAD
MAYFIELD ROAD
MAYFIELD ROAD
TOWN OF CALEDON
FLOODMAPPING BEGINS AT 50ha CONTRIBUTING AREA
FLOODMAPPING BEGINS AT 50ha CONTRIBUTING AREA
FLOW SPILL
ALLOA RESERVOIR AND PUMPING STATION
CALEDON WORKS YARD
FP MAYFIELD
MAYFIELD WEST 2 TOWN OF CALEDON
Eto Hdwtr S South 5
Eto Hdwtr S South 6
Eto Hdwtr S South 7
Eto Hdwtr S South 8
Eto Hdwtr S South 9
Eto Hdwtr S South 10
Eto Hdwtr S TrbM South M1
Junc-DS5
Junc-DS6
Junc-DS8
Junc-DS13
HERITAGE HEIGHTS CITY OF BRAMPTON
MT.PLEASANT 51-1 CITY OF BRAMPTON
MT.PLEASANT 51-2 CITY OF BRAMPTON
SSISSAUGA ROAD
TERANS DRIVE
ERT PARKINSON DRIVE
CREDITVIEW ROAD
THORNBUSH BLVD.
BRISDALE DRIVE
CHINGUACOUSY ROAD
EDENBROOK DRIVE


K-plan
OLD SCHOOL RD
MAYFIELD RD
HH
MP 51-1
MP 51-2
MW2
WANLESS DR
BOVAIRD DR.
C.N.R.
CREDIT RIVER

LEGENDA

🟧	ALLOA BOUNDARY
🟩	GREENBELT
Eto Hdwtr S South 7	EXISTING WATERCOURSE REACH
■	EXISTING ROAD CROSSING
258.00	EXISTING CONTOUR AND ELEVATION
←	FLOW SPILL DIRECTION
982.8	HEC-RAS STATION BY TRCA
🟥	EXISTING REGIONAL FLOOD HAZARD (TRCA, SEPTEMBER 2022)
▪▪▪▪	EXISTING REGIONAL FLOOD HAZARD (URBANTECH, JULY 2024)

NOTESA

* EXISTING ALLOA REGIONAL FLOODMAPPING BASED ON THE MOST RECENT VERSION OF THE ETOBICOKE CREEK HYDRAULIC MODEL (TRCA, SEPTEMBER 2022).

* EXISTING REGIONAL FLOODPLAIN LIMITS WEST OF MISSISSAUAGA ROAD ESTABLISHED USING A 2D HYDRAULIC MODEL AS PER AGREEMENT WITH TRCA (URBANTECH, MAY 11, 2023 MEMO FOR 12300 MISSISSAUGA ROAD).

* REGIONAL FLOODLINES EAST OF CHINGUACOUSY ROAD REFLECT THE PROPOSED DEVELOPMENT CONDITION WITHIN MW2. REFER TO HYDRAULIC MODEL FOR FP MAYFIELD DEVELOPMENT APPLICATION (URBANTECH, MARCH 13, 2024 FOR FP MAYFIELD).

* REFER TO DRAWING 2.2C FOR HEC-RAS MODELING TABLES (CROSS SECTIONS AND EXISTING REGIONAL WATER LEVELS).

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ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

PRE-DEVELOPMENT FLOODMAPPING

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	1:5,000	2.2B

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\2_STORMWATER MANAGEMENT STRATEGY\DWG 2.2B_Pre-development Floodmapping.dwg - Revised by <DZEC> : Sat, Jun 22 2024 - 12:03pm

Sections	Eto Hdwtr STrbP-South P1		
	TRCA	Urbantech	Adding East of Chinguacousy Rd
941.53	265.65	265.65	265.65
926.11	265.65	265.65	265.65
893.27	265.65	265.65	265.65
882.29	265.65	265.65	265.65
4 ETO_13	0	0	0
861.48	265.64	265.64	265.64
852.98	265.62	265.62	265.62
1 ETO_13	0	0	0
838.39	265.62	265.62	265.62
805.07	265.62	265.62	265.62
763.87	265.61	265.61	265.61
716.7	265.61	265.61	265.61
706.63	265.61	265.61	265.61
8 ETO_13	0	0	0
689.55	265.28	265.28	265.28
672.11	265.26	265.26	265.26
627.23	265.23	265.23	265.23
584	265.11	265.11	265.11
579	265.02	265.02	265.02
573	264.88	264.88	264.88
561.15	264.69	264.69	264.69
531.15	264.57	264.57	264.57
449.78	264.08	264.08	264.08
350.14	263.49	263.49	263.49
279.71	263.29	263.29	263.29
242.08	263.24	263.24	263.24
230	263.22	263.22	263.22
ETO_128	0	0	0
190.99	263.13	263.13	263.13
176.94	263.12	263.12	263.12
141.09	263.11	263.11	263.11
124.82	263.11	263.11	263.11
103.99	263.11	263.11	263.11
61.98	263.11	263.11	263.11

Sections	Eto Hdwtr STrbO-South O1		
	TRCA	Urbantech	Adding East of Chinguacousy Rd
2447.2	274.28	274.28	274.28
2384.78	273.83	273.83	273.83
2329.03	273.45	273.45	273.45
2248.66	272.99	272.99	272.99
2178.75	272.64	272.64	272.64
2102.71	271.94	271.94	271.94
2019.6	271.41	271.41	271.41
1952.53	270.66	270.66	270.66
1883.39	270.36	270.36	270.36
1821.91	269.99	269.99	269.99
1749.36	269.25	269.25	269.25
1676.49	268.61	268.61	268.61
1567.49	267.96	267.96	267.96
1487.49	267.38	267.38	267.38
1413.44	266.83	266.83	266.83
1336.23	266.45	266.45	266.45
1277.86	266.12	266.12	266.12
1224.81	265.99	265.99	265.99
1175.98	265.85	265.85	265.85
1111.25	265.32	265.32	265.32
1058.36	265.17	265.17	265.17
982.8	265.05	265.05	265.05
914.41	264.87	264.87	264.87
843.05	264.7	264.7	264.7
770.03	264.4	264.4	264.4
695.28	264.28	264.28	264.28
603.94	264.19	264.19	264.19
511.3	264.07	264.07	264.07
427.12	263.79	263.79	263.79
352.14	263.35	263.35	263.35
243.29	263.02	263.02	263.02
193.64	262.96	262.96	262.96
149.08	262.93	262.93	262.93
92.61	262.92	262.92	262.92

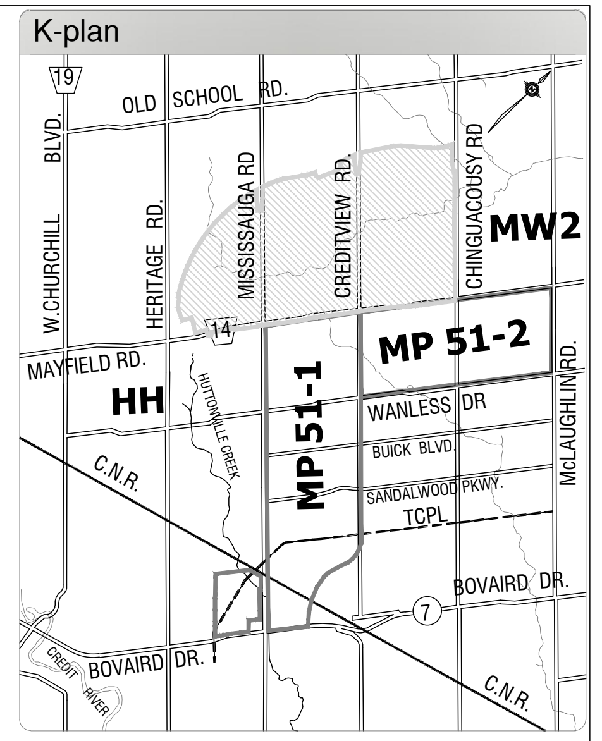
Sections	Eto Hdwtr STrbN-South N1		
	TRCA	Urbantech	Adding East of Chinguacousy Rd
3728.34	280.19	280.19	280.19
3609.64	279.72	279.72	279.72
3445.67	279.29	279.29	279.29
3302.11	278.89	278.89	278.89
3226.38	278.69	278.69	278.69
3119.28	278.15	278.15	278.15
2997.41	276.94	276.94	276.94
2900.84	275.74	275.74	275.74
2811.8	274.59	274.59	274.59
2768.95	274.09	274.09	274.09
2704.77	273.34	273.34	273.34
2649.79	273	273	273
2591.9	272.49	272.49	272.49
2540.29	272.34	272.34	272.34
2497.83	272.32	272.32	272.32
2444.57	272.31	272.31	272.31
2431.98	272.31	272.31	272.31
2416 ETO_051	0	0	0
2400.66	271.48	271.48	271.48
2383.65	271.42	271.42	271.42
2325.46	271.15	271.15	271.15
2267.06	270.75	270.75	270.75
2190.18	270.34	270.34	270.34
2129.55	270.16	270.16	270.16
2075.6	270	270	270
2058.83	269.96	269.96	269.96
2052 ETO_124	0	0	0
2040.05	269.91	269.91	269.91
2029.31	269.89	269.89	269.89
1989.1	269.84	269.84	269.84
1981.56	269.84	269.84	269.84
1972 ETO_123	0	0	0
1956.49	269.27	269.27	269.27
1942.72	268.98	268.98	268.98
1849.95	268.14	268.14	268.14
1813.45	267.7	267.7	267.7
1749.43	267.32	267.32	267.32
1700.93	267.06	267.06	267.06
1662.38	266.87	266.87	266.87
1611.44	266.66	266.66	266.66
1533.75	266.19	266.19	266.19
1461.19	265.73	265.73	265.73
1412.53	265.59	265.59	265.59
1374.85	265.38	265.38	265.38
1278	264.89	264.89	264.89
1196.09	264.58	264.58	264.58
1136.23	264.21	264.21	264.21
1071.01	263.85	263.85	263.85
973.88	263.65	263.65	263.65
911.36	263.6	263.6	263.6
844.82	263.59	263.59	263.59
768.37	263.58	263.58	263.58
707.21	263.56	263.56	263.56
629.42	263.43	263.43	263.43
584.02	263.14	263.14	263.14
505.61	262.8	262.8	262.8
452.51	262.6	262.6	262.6
389.9	262.31	262.29	262.29
333.7	262.25	262.27	262.27
327.2	262.23	262.25	262.25
318 ETO_122	0	0	0
302.29	262.08	262.08	262.08
291.61	262.04	262.04	262.04
199.09	261.96	261.98	261.98
157.95	261.95	261.97	261.97
154.65	261.94	261.96	261.96
143 ETO_021	0	0	0
122.79	261.19	261.15	261.15
109.19	261.19	261.15	261.15
36.14	261.19	261.14	261.14

Sections	Eto Hdwtr STrbM-South M1		
	TRCA	Urbantech	Adding East of Chinguacousy Rd
704.15	263.59	263.55	263.55
614.68	262.92	262.89	262.89
502.85	262.51	262.46	262.46
428.79	262.13	262.08	262.08
369.01	261.96	261.89	261.89
337.1	261.9	261.82	261.82
304.12	261.53	261.59	261.59
246.8	261.26	261.25	261.25
211.67	261.24	261.2	261.2
156.63	261.23	261.19	261.19
125.24	261.17	261.13	261.13
53.23	261.07	261.03	261.03

Sections	Eto Hdwtr STrbK-South K1		
	TRCA	Urbantech	Adding East of Chinguacousy Rd
832.77	264.31	264.31	264.31
764.88	263.89	263.89	263.89
714.31	263.46	263.46	263.46
682.28	263.3	263.3	263.3
634.18	263.02	263.02	263.02
560.31	262.54	262.54	262.54
479.58	262.4	262.4	262.4
418.21	262.37	262.37	262.37
326.67	262.28	262.28	262.28
308.35	261.7	261.7	261.7
227.57	261.03	261.03	261.03
131.29	260.74	260.74	260.73
62.41	260.66	260.66	260.65

Sections	Eto Hdwtr STrbK-South 6 to 10		
	TRCA	Urbantech	Adding East of Chinguacousy Rd
26.04	263.11	263.11	263.11
15.81	263.11	263.11	263.11
573.62	263.1	263.1	263.1
469.63	263.08	263.08	263.08
404.4	263.06	263.06	263.06
334.86	263.01	263.01	263.01
247.19	262.94	262.94	262.94
204.14	262.92	262.92	262.92
132.32	262.89	262.89	262.89
85.46	262.88	262.88	262.88
32.93	262.86	262.86	262.86
19.21	262.86	262.86	262.86
4.52	262.85	262.85	262.85
2.44	262.85	262.85	262.85
1208.81	262.81	262.81	262.81
1137.3	262.74	262.74	262.74
1075.82	262.66	262.66	262.66
989.73	262.53	262.53	262.53
936.39	262.46	262.46	262.46
842.58	262.27	262.27	262.27
777.24	262.07	262.07	262.07
720.56	261.86	261.86	261.86
701.24	261.8	261.8	261.8
688.81	261.76	261.76	261.76
676 ETO_125	0	0	0
666.51	261.75	261.75	261.75
652.85	261.7	261.7	261.7
579.37	261.63	261.63	261.63
493.27	261.59	261.59	261.59
428.86	261.57	261.57	261.57
376.4	261.57	261.57	261.57
264.39	261.55	261.55	261.55
248.01	261.55	261.55	261.55
237 ETO_032	0	0	0
221.78	261.33	261.31	261.31
206.26	261.33	261.3	261.3
164.75	261.29	261.26	261.26
92.98	261.22	261.18	261.18
32.55	261.2	261.16	261.16
117.2	261.14	261.1	261.1
45.61	261.04	261.01	261.01
1499.07	260.88	260.83	260.83
1437.05	260.65	260.58	260.58
1353.44	260.41	260.33	260.33
1248.74	260.22	260.13	260.13
1183.99	260.07	260.02	260.02
1121.64	259.95	259.93	259.93
1053.42	259.86	259.84	259.84
985.29	259.75	259.75	259.75
890.44	259.69	259.68	259.68
843.98	259.66	259.63	259.63
798.05	259.62	259.6	259.59
713.2	259.55	259.53	259.53
599.67	259.42	259.42	259.42
546.27	259.39	259.39	259.38
460.91	259.26	259.26	259.25
381.31	259.18	259.18	259.17
293.77	259.1	259.1	259.1
280.55	259.1	259.1	259.06
267 ETO_036	0	0	0
248.06	259.08	259.08	258.94
203.53	259.06	259.06	258.91
127.12	258.98	258.98	258.65
128.12	-	-	258.75
Pedestrian Bric	-	-	-
127.12	-	-	258.65
78.4	-	-	258.55
77.4	258.91	258.91	258.57
17.65	258.84	258.84	258.58

K-plan



NOTE:

* REFER TO DRAWING 2.2B FOR HEC-RAS CROSS SECTION LOCATIONS AND EXISTING FLOODPLAIN.

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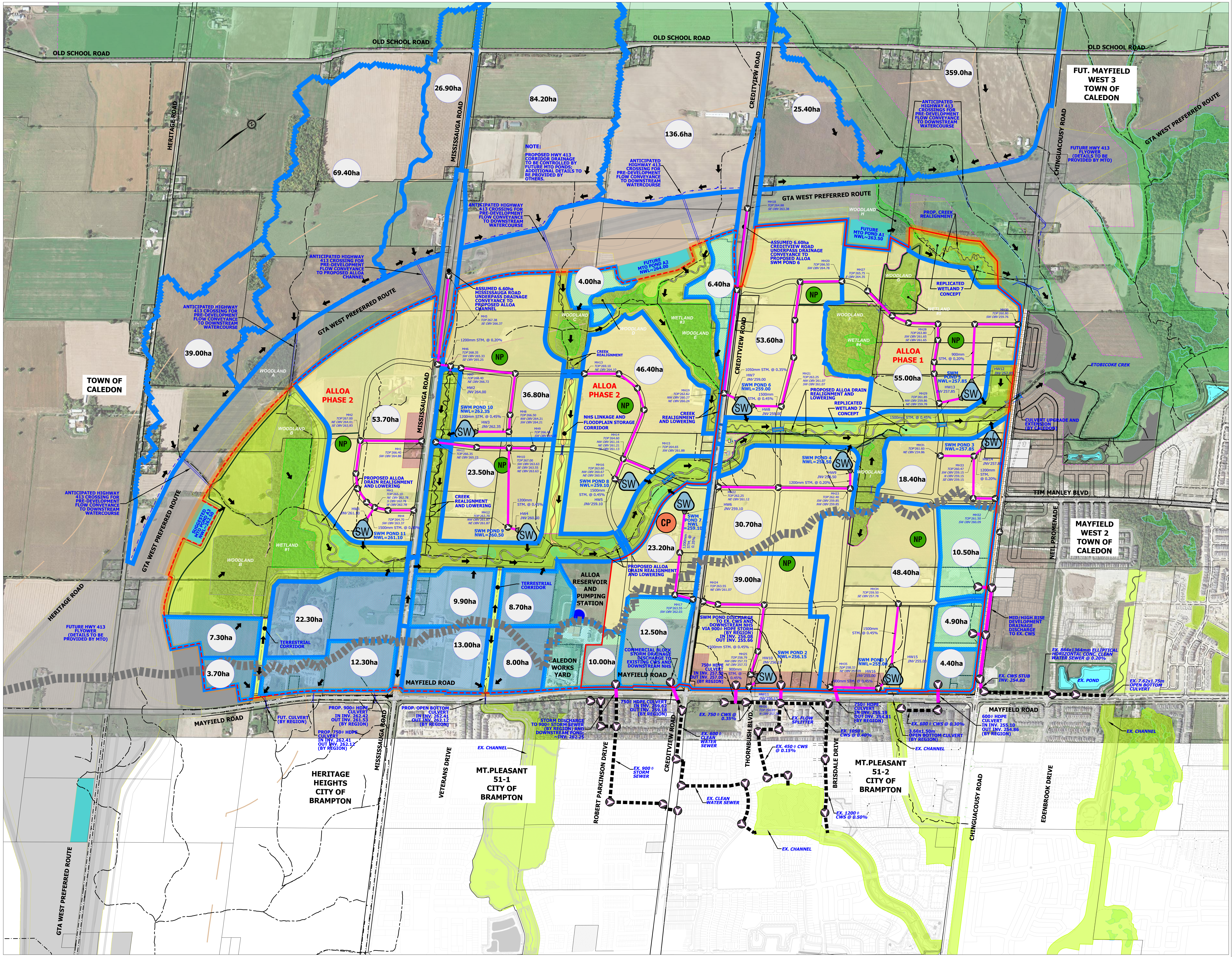
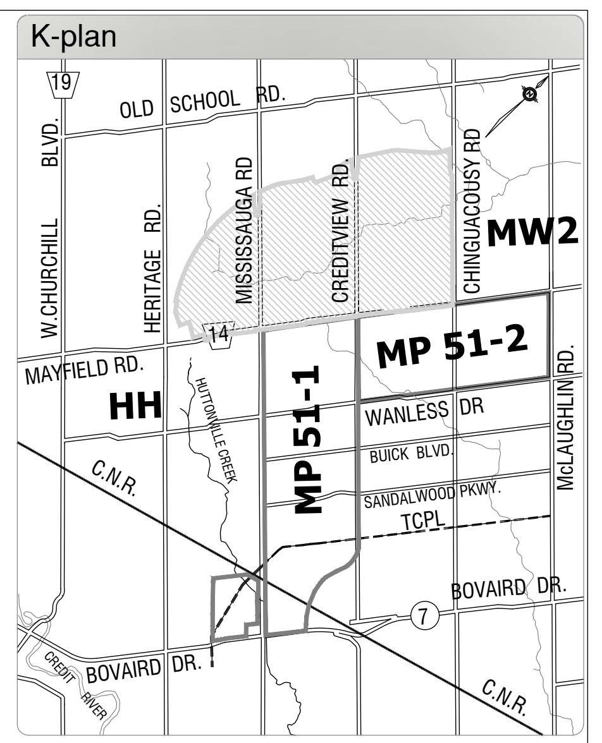
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

HEC-RAS STATIONS AND PRE-DEVELOPMENT FLOOD ELEVATIONS

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	N.T.S.	2.2C


OLD SCHOOL ROAD
OLD SCHOOL ROAD
OLD SCHOOL ROAD
OLD SCHOOL ROAD
HERITAGE ROAD
MISSISSAUGA ROAD
CREDITVIEW ROAD
CHINGUACOUSY ROAD
GTA WEST PREFERRED ROUTE
MAYFIELD ROAD
TIM MANLEY BLVD
NEIL PROMENADE
VETERANS DRIVE
ROBERT PARKINSON DRIVE
THORNBUSH BLVD.
BRISDALE DRIVE
EDENBROOK DRIVE
TOWN OF CALEDON
FUT. MAYFIELD WEST 3 TOWN OF CALEDON
MAYFIELD WEST 2 TOWN OF CALEDON
HERITAGE HEIGHTS CITY OF BRAMPTON
MT.PLEASANT 51-1 CITY OF BRAMPTON
MT.PLEASANT 51-2 CITY OF BRAMPTON
ALLOA PHASE 1
ALLOA PHASE 2
ALLOA PHASE 2
ALLOA RESERVOIR AND PUMPING STATION
CALEDON WORKS YARD
26.90ha
84.20ha
136.6ha
25.40ha
359.0ha
69.40ha
39.00ha
4.00ha
6.40ha
53.60ha
46.40ha
55.00ha
36.80ha
53.70ha
23.50ha
18.40ha
30.70ha
23.20ha
10.50ha
48.40ha
39.00ha
9.90ha
8.70ha
22.30ha
7.30ha
3.70ha
12.30ha
13.00ha
8.00ha
10.00ha
12.50ha
4.90ha
4.40ha
NP
CP
SW
SWM POND 1
SWM POND 2 NWL=256.15
SWM POND 3 NWL=257.85
SWM POND 4 NWL=259.50
SWM POND 5 NWL=257.85
SWM POND 6 NWL=259.00
SWM POND 7 NWL=259.10
SWM POND 8 NWL=259.10
SWM POND 9 NWL=260.50
SWM POND 10 NWL=262.35
SWM POND 11 NWL=261.10
FUTURE MTO POND A1 NWL=263.50
FUTURE MTO POND A2 NWL=264.00
SUGGESTED MTO POND
WOODLAND A
WOODLAND B
WOODLAND C
WOODLAND D
WOODLAND E
WOODLAND H
WETLAND #1
WETLAND #3
WETLAND #4
NOTE: PROPOSED HWY 413 CORRIDOR DRAINAGE TO BE CONTROLLED BY FUTURE MTO PONDS. ADDITIONAL DETAILS TO BE PROVIDED BY OTHERS.
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM WATERCOURSE
ANTICIPATED HIGHWAY 413 CROSSING FOR PROPOSED ALLOA CHANNEL
ASSUMED 6.60ha MISSISSAUGA ROAD UNDERPASS DRAINAGE CONVEYANCE TO PROPOSED ALLOA CHANNEL
ASSUMED 6.60ha CREDITVIEW ROAD UNDERPASS DRAINAGE CONVEYANCE TO PROPOSED ALLOA SWM POND 6
FUTURE HWY 413 FLYOVER (DETAILS TO BE PROVIDED BY MTO)
PROP. CREEK REALIGNMENT
REPLICATED WETLAND 7 CONCEPT
PROPOSED ALLOA DRAIN REALIGNMENT AND LOWERING
CREEK REALIGNMENT AND LOWERING
NHS LINKAGE AND FLOODPLAIN STORAGE CORRIDOR
TERRESTRIAL CORRIDOR
COMMERCIAL BLOCK STORM DRAINAGE DISCHARGE TO EXISTING CWS AND DOWNSTREAM NHS
SWM POND DISCHARGE TO EX. CWS AND DOWNSTREAM NHS VIA 900ø HDPE STORM (BY REGION)
STORM DISCHARGE TO 900ø STORM SEWER (BY REGION) AND DOWNSTREAM POND
CULVERT UPGRADE AND EXTENSION (BY CALEDON)
MID/HIGH RISE DEVELOPMENT DRAINAGE DISCHARGE TO EX. CWS
ETOBICOKE CREEK
EX. POND
EX. CHANNEL
EX. CLEAN WATER SEWER
EX. FLOW SPLITTER
FUT. CULVERT (BY REGION)
1200mm STM. @ 0.20%
1500mm STM. @ 0.45%
1200mm STM. @ 0.45%
1050mm STM. @ 0.35%
900mm STM. @ 0.20%
EX. 750ø CWS @ 0.35%
EX. 1050ø CWS @ 0.40%
EX. 600ø CWS @ 0.30%
EX. 1200ø CWS @ 0.50%
EX. 450ø CWS @ 0.15%
EX. 900ø STORM SEWER
EX. 600ø CLEAN WATER SEWER
EX. CWS STUB INV. 254.80
EX. 864x1364mm ELLIPTICAL HORIZONTAL CONC. CLEAN WATER SEWER @ 0.20%
EX. 7.62x1.75m OPEN BOTTOM CULVERT
3.66x1.50m OPEN BOTTOM CULVERT (BY REGION)
PROP. OPEN BOTTOM CULVERT IN INV. 262.41 OUT INV. 262.12 (BY REGION)
PROP. 900ø HDPE CULVERT IN INV. 262.42 OUT INV. 261.53 (BY REGION)
PROP. 750ø HDPE CULVERT IN INV. 262.41 OUT INV. 262.17 (BY REGION)
750ø HDPE CULVERT IN INV. 259.62 OUT INV. 259.18 (BY REGION)
750ø HDPE CULVERT IN INV. 257.50 OUT INV. 257.00 (BY REGION)
750ø HDPE CULVERT IN INV. 255.15 OUT INV. 254.81 (BY REGION)
600ø HDPE CULVERT IN INV. 255.10 OUT INV. 254.86 (BY REGION)


K-plan
OLD SCHOOL RD.
MAYFIELD RD.
HH
MW2
MP 51-2
MP 51-1
WANLESS DR.
BUCK BLVD.
SANDALWOOD PKWY.
BOVAIRD DR.
BOVAIRD DR.
C.N.R.
C.N.R.
CREDIT RIVER
W.CHURCHILL BLVD.
HERITAGE RD.
MISSISSAUGA RD.
CREDITVIEW RD.
CHINGUACOUSY RD.
MCLAUGHLIN RD.
19
14
7

LEGEND:

▨	ALLOA BOUNDARY
🟩	GREENBELT
━	ALLOA PHASE 1 BOUNDARY
╍	ALLOA PHASE 2 BOUNDARY
▨	EXISTING WOODLOT
▨	EXISTING WETLAND
⸺	EXISTING WATERCOURSE
▮▮▮	EXISTING WATERSHED DRAINAGE BOUNDARY
🟨	NEIGHBORHOOD AREA
🟫	MAJOR COMMERCIAL / MIXED USE AREA
🟪	EMPLOYMENT LANDS
🟩	NATURAL HERITAGE SYSTEM
▨	TERRESTRIAL CORRIDOR AND/OR FLOODPLAIN STORAGE
🟦	PROPOSED ROAD CROSSING
╌	PROPOSED WATERCOURSE REALIGNMENT
➡	OVERLAND FLOW DIRECTION
SW	PROPOSED SWM POND
━	PROPOSED STORM DRAINAGE BOUNDARY TO SWM POND
▨	PRIVATE SWM FACILITY / LID
29.80ha	PROPOSED STORM DRAINAGE AREA TO SWM POND (IN HECTARES)
╍▶╍	EXISTING STORM SEWER / CLEAN WATER SEWER AND FLOW DIRECTION
━▶━	PROPOSED STORM SEWER
MH2	STORM MANHOLE ID
TOP 267.00	STORM MANHOLE TOP ELEVATION
NE OBV 264.01 SE OBV 263.93	STORM SEWER OBVERT ELEVATION

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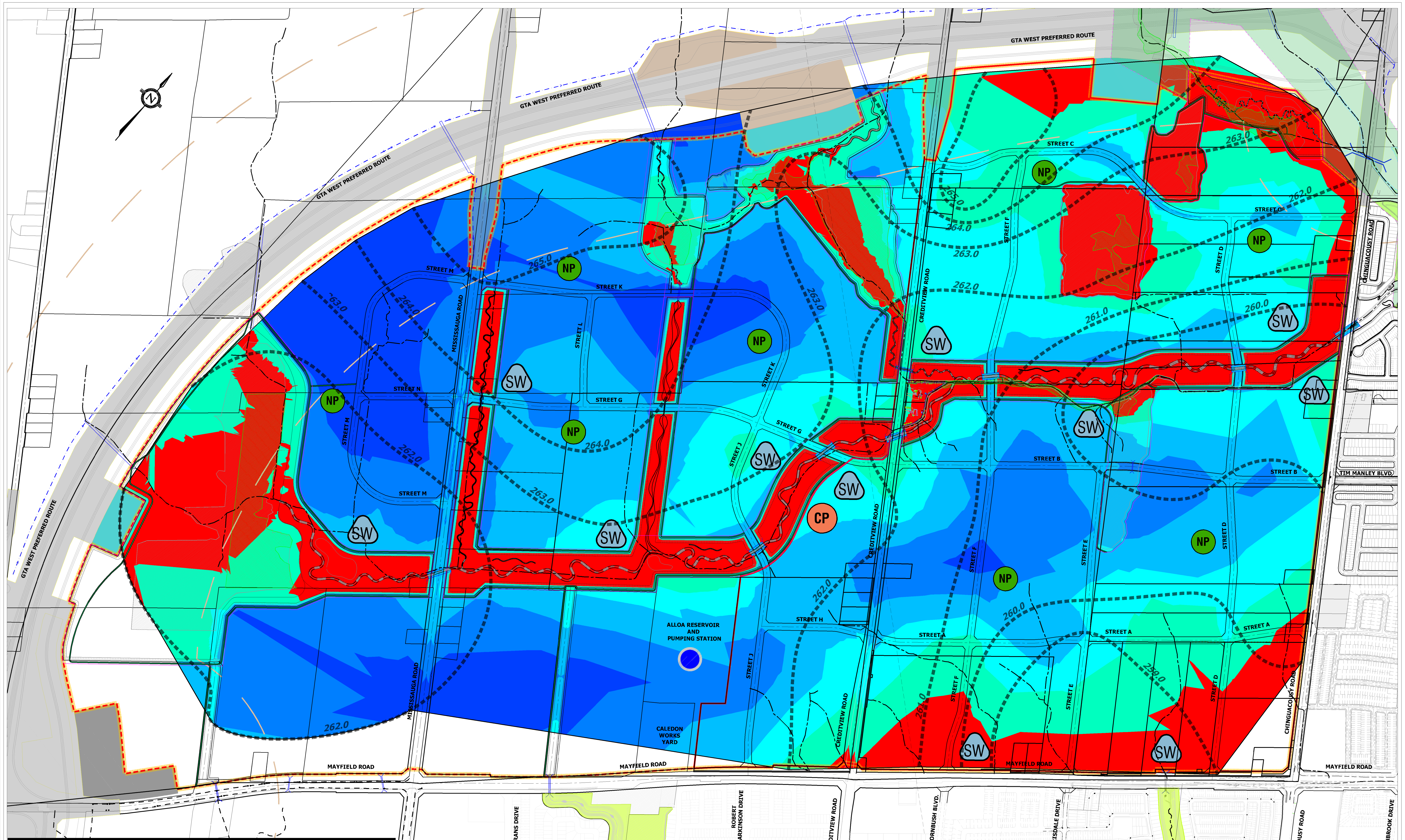
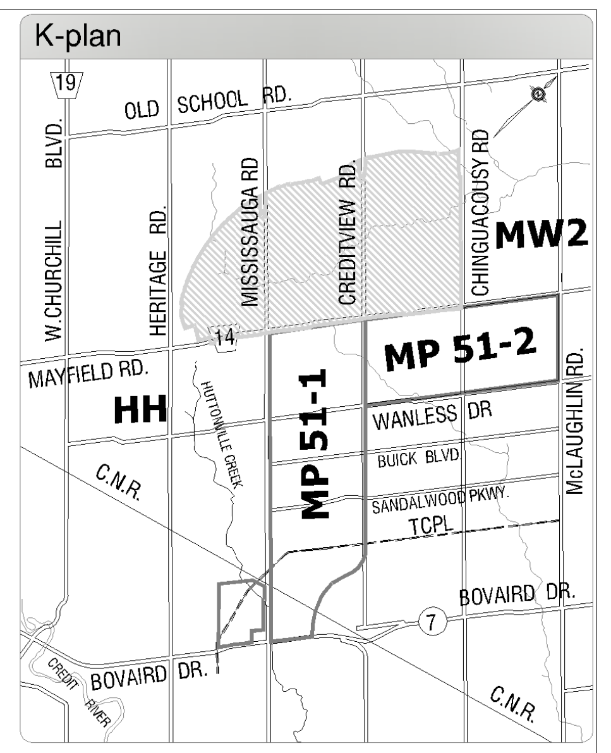
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

PRELIMINARY STORM SERVICING AND POND LOCATIONS

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	1:8000	2.4

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\2_STORMWATER MANAGEMENT STRATEGY\DWG 2.4_Storm Servicing.dwg - Revised by <TLEVITIN> : Mon, Jun 24 2024 - 1:50pm


GTA WEST PREFERRED ROUTE
STREET M
STREET N
STREET K
STREET L
STREET G
STREET J
STREET H
STREET C
STREET D
STREET B
STREET A
STREET F
STREET E
MISSISSAUGA ROAD
CREDITVIEW ROAD
CHINGUACOUSY ROAD
TIM MANLEY BLVD.
MAYFIELD ROAD
VETERANS DRIVE
ROBERT PARKINSON DRIVE
THORNBUSH BLVD.
BRISDALE DRIVE
EDENBROOK DRIVE
ALLOA RESERVOIR AND PUMPING STATION
CALEDON WORKS YARD
NP
SW
CP
265.0
264.0
263.0
262.0
261.0
260.0
259.0


K-plan
OLD SCHOOL RD.
MAYFIELD RD.
W CHURCHILL BLVD.
HERITAGE RD.
MISSISSAUGA RD
CREDITVIEW RD
CHINGUACOUSY RD
MW2
HH
MP 51-1
MP 51-2
WANLESS DR
BUICK BLVD.
SANDALWOOD PKWY
BOVAIRD DR.
C.N.R.
MCLAUGHLIN RD.

LEGEND:

🟨	ALLOA BOUNDARY
☐	ALLOA PHASE 1 BOUNDARY
☐	ALLOA PHASE 2 BOUNDARY
🟩	GREENBELT
🟩	PROPOSED NHS
260.0	INTERPRETED HIGH GROUNDWATER CONTOUR AND ELEVATION

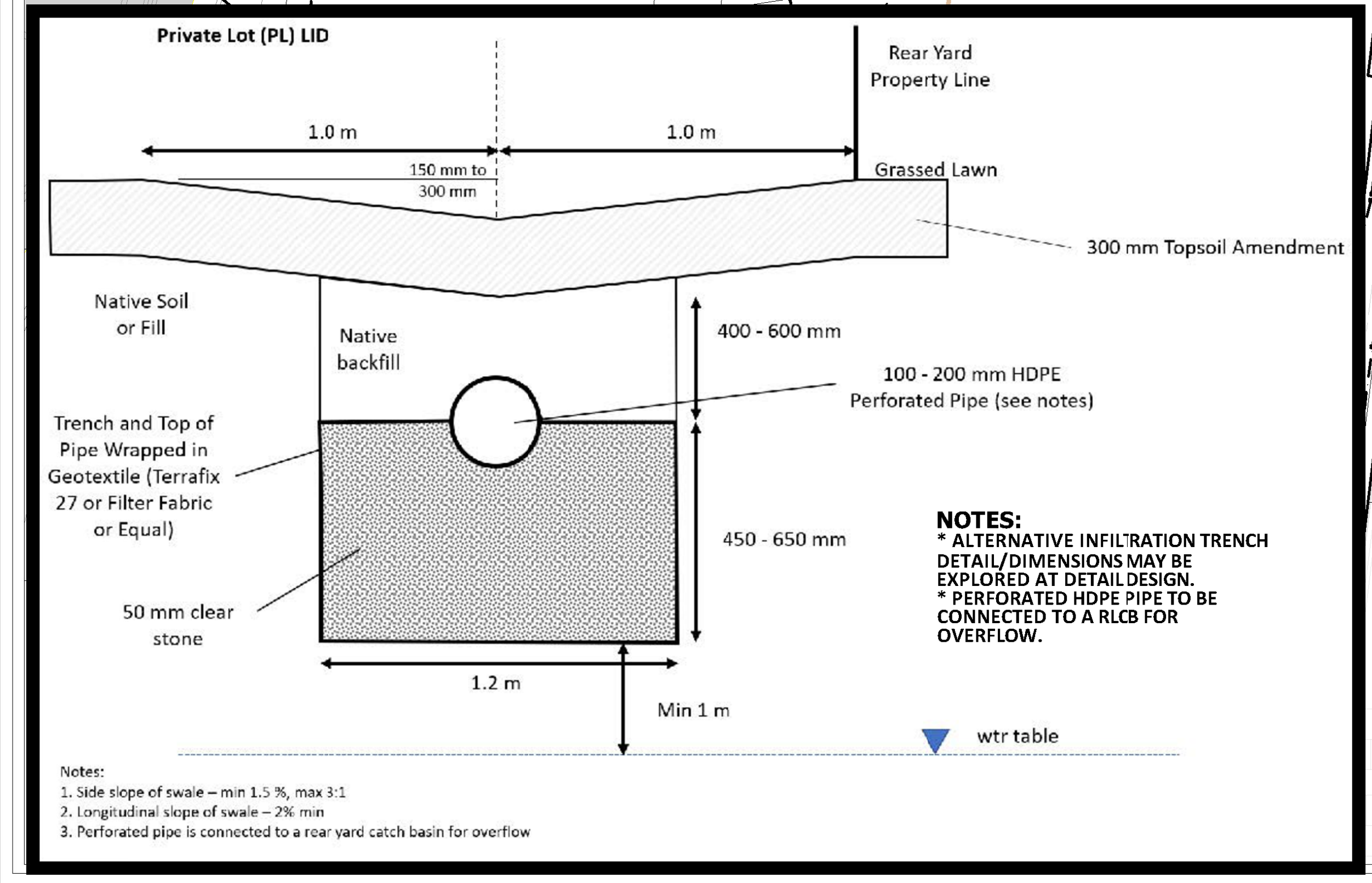
INTERPOLATED DEPTH TO HIGH WATER TABLE FROM PROPOSED GRADE:

🟥	ABOVE PROPOSED GRADE
🟩	0m to 1.0m BELOW PROP. GRADE
🟦	1.0m to 2.0m BELOW PROP. GRADE
🟦	2.0m to 3.0m BELOW PROP. GRADE
🟦	3.0m to 4.0m BELOW PROP. GRADE
🟦	>4.0m BELOW PROP. GRADE

LID NOTE:

IF REQUIRED TO ACHIEVE WATER BALANCE, REAR-YARD INFILTRATION TRENCHES COULD BE IMPLEMENTED ON PRIVATE PROPERTIES, AND SHOULD BE GENERALLY LOCATED WHERE THE GROUNDWATER IS >2m BELOW PROPOSED GRADE TO ALLOW FOR MINIMUM 1m CLEARANCE FROM TRENCH BOTTOM TO WATER TABLE. REFER TO A TYPICAL INFILTRATION TRENCH DETAIL ON THIS DRAWING.

Private Lot (PL) LID


Rear Yard Property Line
1.0 m
1.0 m
150 mm to 300 mm
Grassed Lawn
300 mm Topsoil Amendment
Native Soil or Fill
Native backfill
400 - 600 mm
100 - 200 mm HDPE Perforated Pipe (see notes)
Trench and Top of Pipe Wrapped in Geotextile (Terrafix 27 or Filter Fabric or Equal)
450 - 650 mm
50 mm clear stone
1.2 m
Min 1 m
wtr table

NOTES:
- * ALTERNATIVE INFILTRATION TRENCH DETAIL/DIMENSIONS MAY BE EXPLORED AT DETAIL DESIGN.
- * PERFORATED HDPE PIPE TO BE CONNECTED TO A RLCB FOR OVERFLOW.

Notes:
1. Side slope of swale – min 1.5 %, max 3:1
2. Longitudinal slope of swale – 2% min
3. Perforated pipe is connected to a rear yard catch basin for overflow

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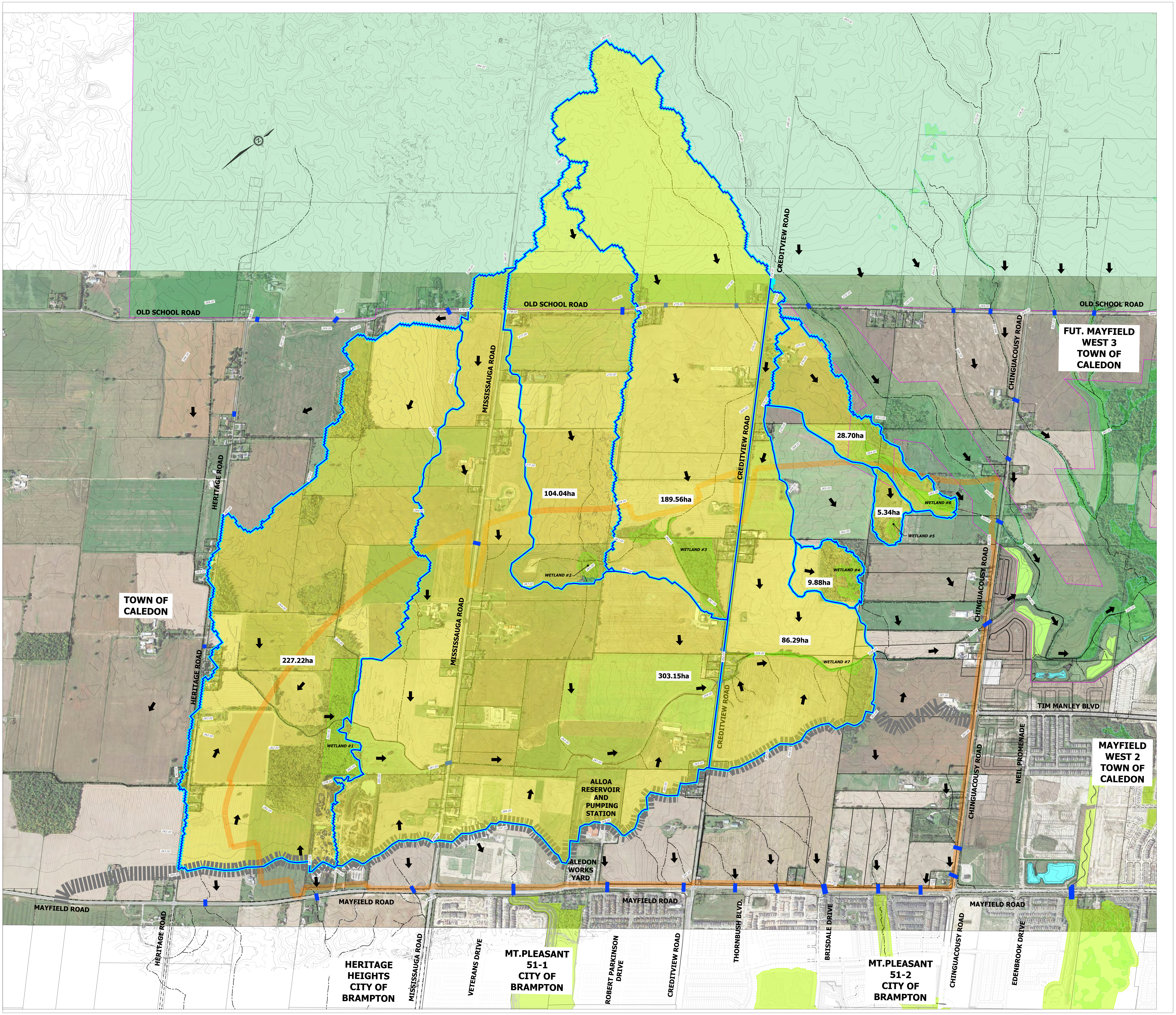
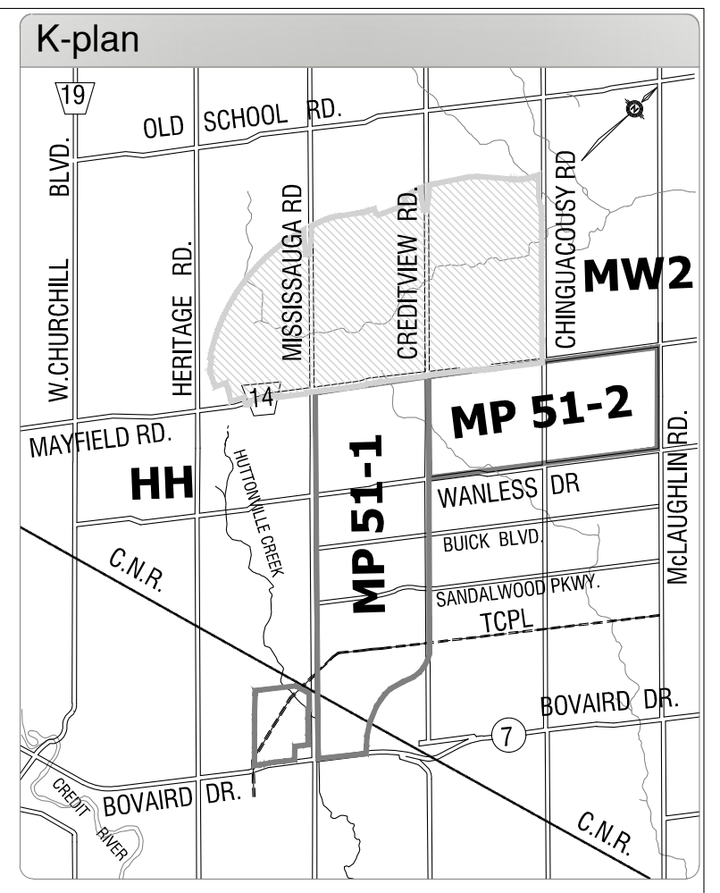
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

INTERPOLATED DEPTH TO GROUNDWATER

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	1:6,000	2.5.2


OLD SCHOOL ROAD
OLD SCHOOL ROAD
OLD SCHOOL ROAD
MISSISSAUGA ROAD
CREDITVIEW ROAD
CHINGUACOUSY ROAD
HERITAGE ROAD
MAYFIELD ROAD
TIM MANLEY BLVD
NEIL PROMENADE
VETERANS DRIVE
ROBERT PARKINSON DRIVE
THORNBUSH BLVD.
BRISDALE DRIVE
EDENBROOK DRIVE
FUT. MAYFIELD WEST 3 TOWN OF CALEDON
MAYFIELD WEST 2 TOWN OF CALEDON
TOWN OF CALEDON
HERITAGE HEIGHTS CITY OF BRAMPTON
MT.PLEASANT 51-1 CITY OF BRAMPTON
MT.PLEASANT 51-2 CITY OF BRAMPTON
ALLOA RESERVOIR AND PUMPING STATION
CALEDON WORKS YARD
227.22ha
104.04ha
189.56ha
303.15ha
86.29ha
28.70ha
5.34ha
9.88ha
WETLAND #1
WETLAND #2
WETLAND #3
WETLAND #4
WETLAND #5
WETLAND #6
WETLAND #7


K-plan
19
OLD SCHOOL RD.
W.CHURCHILL BLVD.
HERITAGE RD.
MISSISSAUGA RD
CREDITVIEW RD.
CHINGUACOUSY RD
MW2
14
MAYFIELD RD.
HH
MP 51-1
MP 51-2
WANLESS DR
BUICK BLVD.
SANDALWOOD PKWY.
TCPL
McLAUGHLIN RD.
HUTTONVILLE CREEK
C.N.R.
BOVAIRD DR.
7
CREDIT RIVER
C.N.R.

LEGEND:

▨	ALLOA BOUNDARY
🟩	GREENBELT
- - - -	EXISTING WATERCOURSE
258.00	EXISTING CONTOUR AND ELEVATION
➡	PRE-DEVELOPMENT OVERLAND FLOW DIRECTION
▬	EXISTING ROAD CROSSING
🟨	PRE-DEVELOPMENT DRAINAGE AREA BOUNDARY TO PSW
105.86ha	PRE-DEVELOPMENT DRAINAGE AREA TO EXISTING PSW IN HECTARES

NOTES:

1. PRE-DEVELOPMENT DRAINAGE AREA CONTRIBUTION TO EXISTING WETLANDS TO BE MAINTAINED AND/OR REPLICATED IN THE POST-DEVELOPMENT CONDITION. DETAILS OF THE FEATURE BASED WATER BALANCE MEASURES WILL BE PROVIDED IN RELEVANT EIR/FSR DOCUMENTS TO SUPPORT ALLOA DRAFT PLAN APPLICATIONS.

2. RELOCATION OF EXISTING WETLANDS 6 AND 7 WILL BE PROPOSED TO ACCOMMODATE FUTURE ALLOA SECONDARY PLAN. REFER TO 4 SERIES DRAWINGS FOR NHS DETAILS AND PROPOSED WETLAND 6 AND 6 COMPENSATION.

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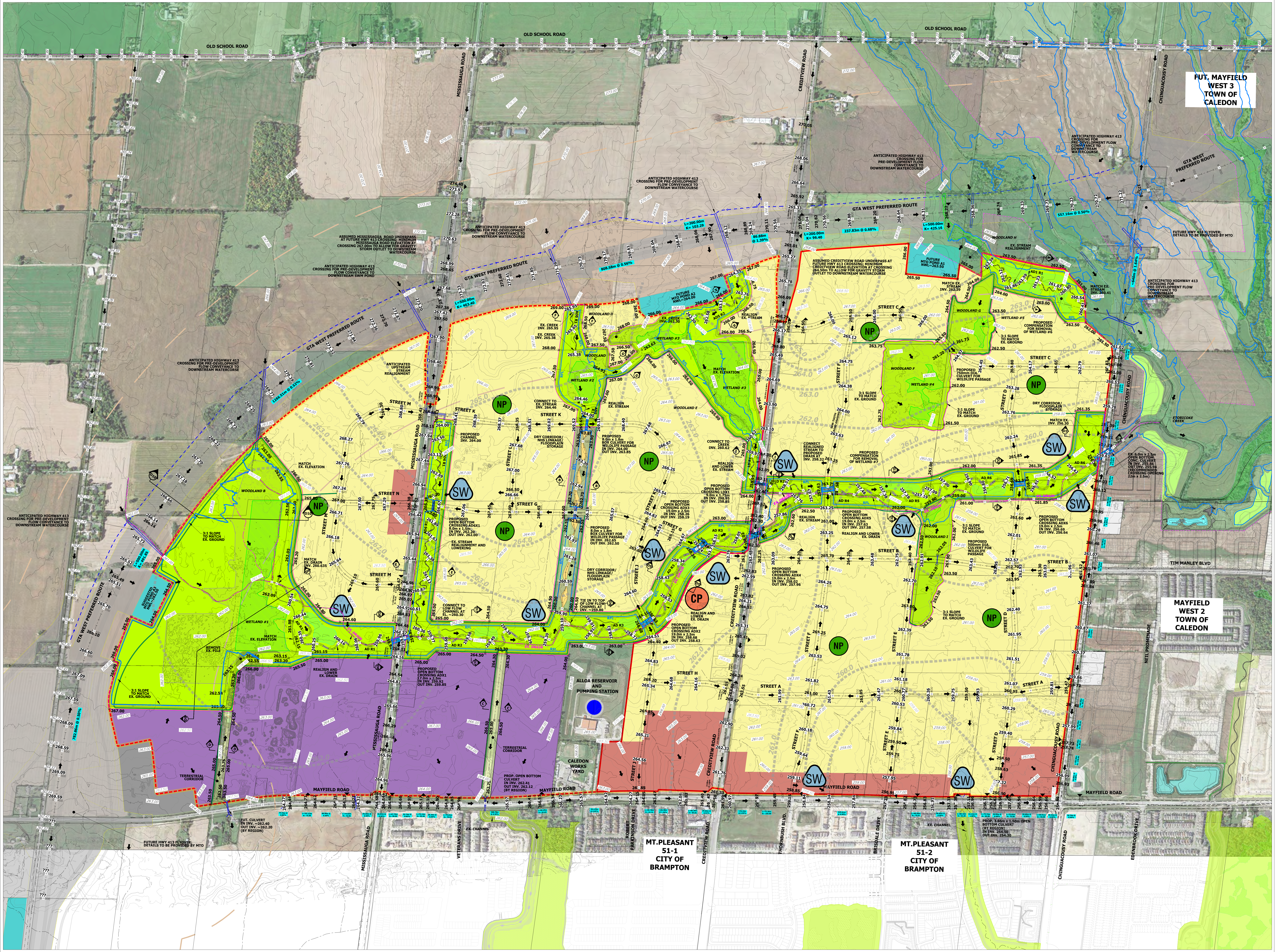
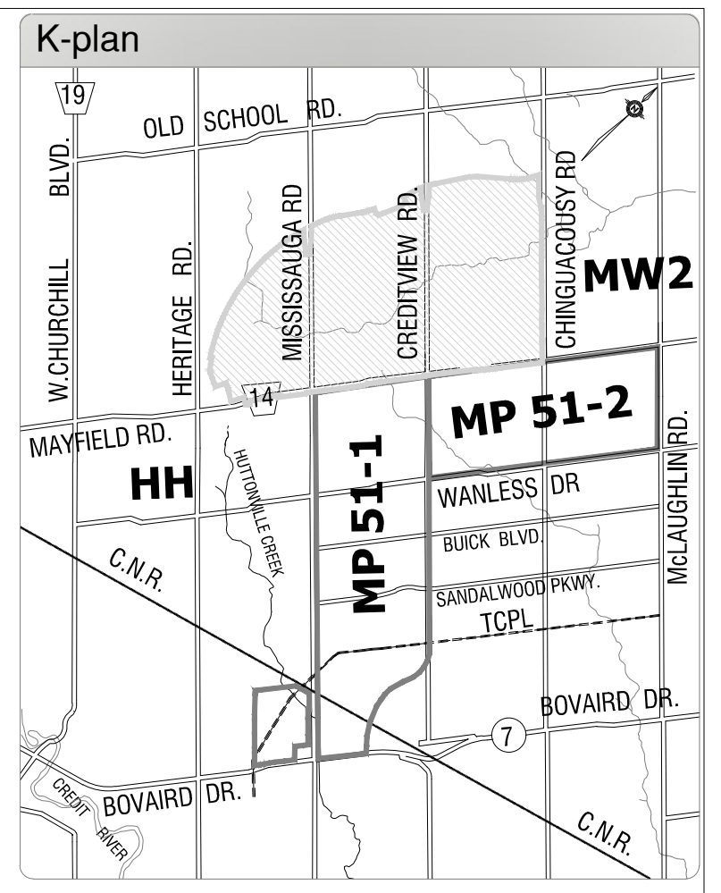
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

PRE-DEVELOPMENT DRAINAGE TO EXISTING WETLANDS

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	1:6,000	**2.5.3**


OLD SCHOOL ROAD
MISSISSAUGA ROAD
CREDITVIEW ROAD
CHINGUACOUSY ROAD
MAYFIELD ROAD
GTA WEST PREFERRED ROUTE
FUT. MAYFIELD WEST 3 TOWN OF CALEDON
MAYFIELD WEST 2 TOWN OF CALEDON
MT.PLEASANT 51-1 CITY OF BRAMPTON
MT.PLEASANT 51-2 CITY OF BRAMPTON
TIM MANLEY BLVD
NEIL PROMENADE
VETERANS DRIVE
ROBERT PARKINSON DRIVE
THORNDBUSH BLVD.
BRISDALE DRIVE
EDENBROOK DRIVE
ALLOA RESERVOIR AND PUMPING STATION
CALEDON WORKS YARD
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM WATERCOURSE
FUTURE HWY 413 FLYOVER. DETAILS TO BE PROVIDED BY MTO
STREET A
STREET B
STREET C
STREET D
STREET E
STREET F
STREET G
STREET H
STREET J
STREET K
STREET M
STREET N
WOODLAND A
WOODLAND B
WOODLAND C
WOODLAND D
WOODLAND E
WOODLAND F
WOODLAND G
WOODLAND H
WOODLAND I
WETLAND #1
WETLAND #2
WETLAND #3
WETLAND #4
WETLAND #5
SW
NP
CP
3:1 SLOPE TO MATCH EX. GROUND
TERRESTRIAL CORRIDOR


K-plan
OLD SCHOOL RD
MAYFIELD RD
W. CHURCHILL BLVD
HERITAGE RD
MISSISSAUGA RD
CREDITVIEW RD
CHINGUACOUSY RD
MCLAUGHLIN RD
MW2
MP 51-2
MP 51-1
HH
WANLESS DR
C.N.R.
CREDIT RIVER
BOVAIRD DR.
7

LEGEND:

▨	ALLOA BOUNDARY
🟥	ALLOA PHASE 1 BOUNDARY
🟥	ALLOA PHASE 2 BOUNDARY
🟩	GREENBELT
▨	EXISTING WOODLOT
🟩	EXISTING WETLAND
—·—	EXISTING ALLOA DRAIN
~	EXISTING WATERCOURSE
256.00	EXISTING CONTOUR AND ELEVATION
🟨	PROPOSED NEIGHBORHOOD AREA
🟥	PROPOSED MAJOR COMMERCIAL / MIXED USE AREA
🟪	PROPOSED EMPLOYMENT LANDS
~	PROPOSED WATERCOURSE REALIGNMENT
🟦	PROPOSED ROAD CROSSING
🟩	PROPOSED NHS
🟨	PROPOSED NHS LINKAGE / TERRESTRIAL CORIDOR / FLOODPLAIN STORAGE
→	OVERLAND FLOW DIRECTION
SW	PROPOSED SWM POND
NP	PROPOSED NEIGHBOURHOOD PARK
CP	PROPOSED COMMUNITY PARK
260.0	INTERPRETED GROUND WATER CONTOUR AND ELEVATION
—	PROPOSED REGIONAL FLOODLINE

NOTES:

* CHINGUACOUSY ROAD CENTERLINE GRADES SHOWN ON THIS PLAN ARE CONSISTENT WITH THE CURRENT EA INFORMATION PROVIDED BY TOWN OF CALEDON.

* MAYFIELD ROAD CENTERLINE GRADES SHOWN ON THIS PLAN ARE CONSISTENT WITH THE DETAILED DESIGN GRADES PROVIDED BY REGION OF PEEL.

* HWY 413 CENTERLINE GRADES SHOWN ON THIS PLAN ARE PRELIMINARY ONLY AND SUBJECT TO CONFIRMATION BY MTO. REFER TO DRAWINGS 3.3A-1 TO 3.3A-3 FOR A PRELIMINARY HWY 413 VERTICAL PROFILE.

* CREDITVIEW ROAD AND MISSISSAUGA ROAD GRADES SHOWN ON THIS PLAN ARE PRELIMINARY ONLY AND SUBJECT TO FUTURE COORDINATION WITH TOWN OF CALEDON AND REGION OF PEEL RESPECTIVELY. THE ROAD GRADES HAVE BEEN ESTABLISHED TO ACCOMMODATE FUTURE DEVELOPMENTS, ROAD CROSSINGS AND STORM OUTLETS TO EXISTING AND/OR REALIGNED WATERCOURSES. REFER TO DRAWINGS 3.3B to 3.3C FOR PRELIMINARY ROAD PROFILES.

* ROAD CROSSING SIZES ARE PRELIMINARY AND SUBJECT TO FURTHER DESIGN REFINEMENTS AND COORDINATION WITH AGENCIES. RECOMMENDED OPENNESS RATIO FOR ROAD CROSSING SHOULD BE BASED ON THE CRITERIA TO ACCOMMODATE MEDIUM-SIZED MAMMALS.

* REFER TO 4 SERIES DRAWINGS FOR POST-DEVELOPMENT FLOODMAPPING, PRELIMINARY NHS PROFILES AND TYPICAL NHS CROSS SECTIONS.

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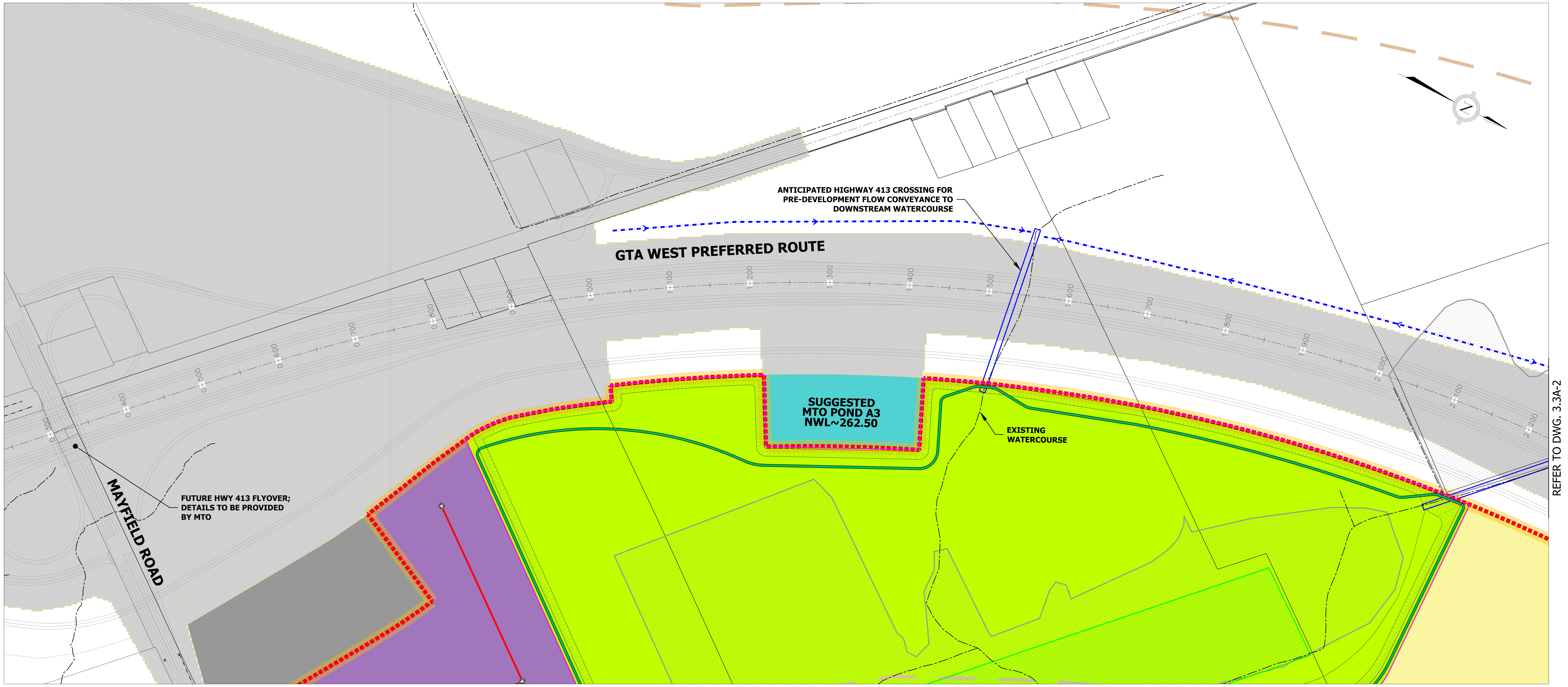
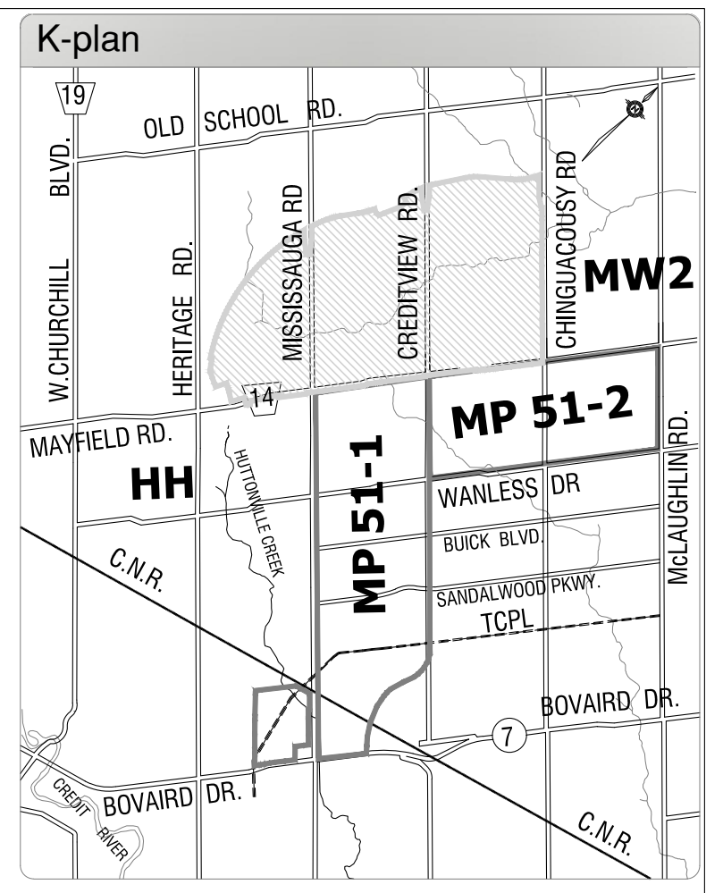
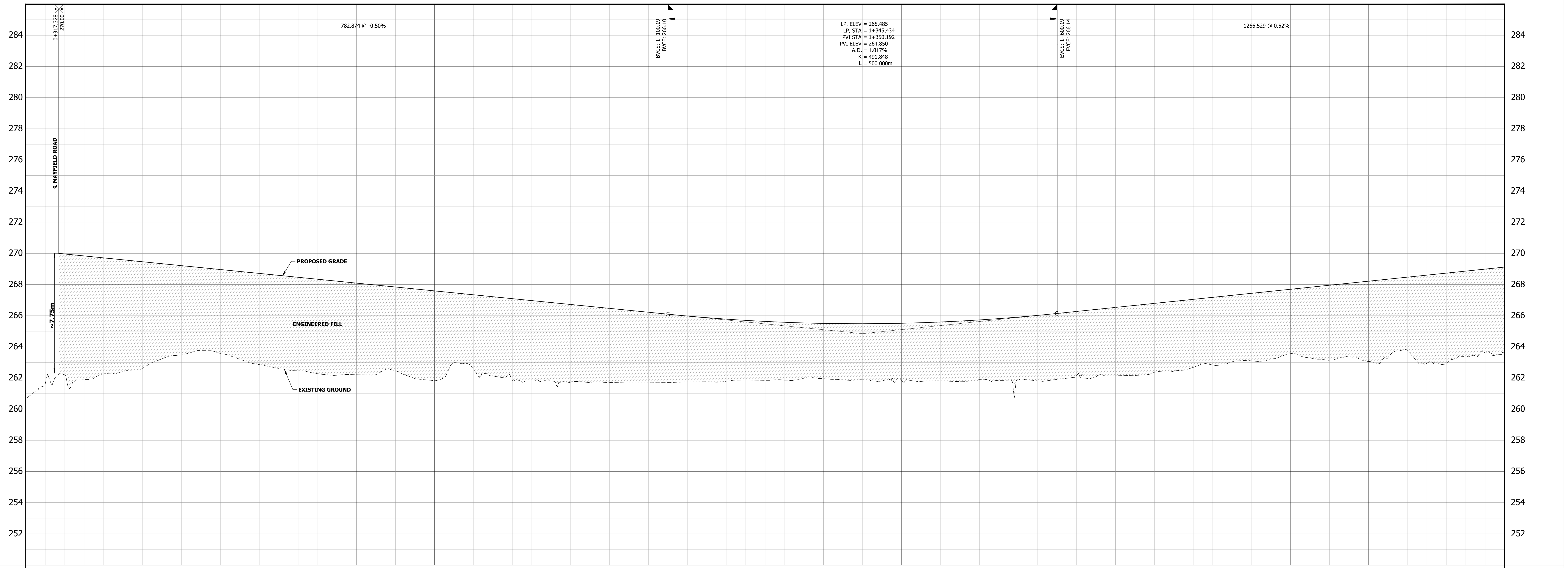
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

PRELIMINARY GRADING PLAN

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	1:5,000	**3.1**


GTA WEST PREFERRED ROUTE
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM WATERCOURSE
SUGGESTED MTO POND A3 NWL~262.50
EXISTING WATERCOURSE
FUTURE HWY 413 FLYOVER; DETAILS TO BE PROVIDED BY MTO
MAYFIELD ROAD
REFER TO DWG. 3.3A-2
0+300
0+400
0+500
0+600
0+700
0+800
0+900
1+000
1+100
1+200
1+300
1+400
1+500
1+600
1+700
1+800
1+900
2+000
2+100
2+200


K-plan
19
OLD SCHOOL RD.
BLVD.
W.CHURCHILL
HERITAGE RD.
MISSISSAUGA RD
CREDITVIEW RD.
CHINGUACOUSY RD
MW2
14
MAYFIELD RD.
HH
MP 51-1
MP 51-2
WANLESS DR
BUICK BLVD.
SANDALWOOD PKWY.
TCPL
McLAUGHLIN RD.
HUTTONVILLE CREEK
C.N.R.
BOVAIRD DR.
7
CREDIT RIVER



CENTRELINE CHAINAGE	PROPOSED & EXISTING CENTRELINE ELEVATION	PROPOSED STORM SEWER INVERTS	PROPOSED SANITARY SEWER INVERTS
0+300	261.628		
0+400	269.588 262.419		
0+500	269.089 263.757		
0+600	268.591 262.618		
0+700	268.092 262.213		
0+800	267.593 261.827		
0+900	267.095 261.853		
1+000	266.596 261.703		
1+100	266.097 261.708		
1+200	265.700 261.870		
1+300	265.506 261.957		
1+400	265.515 261.862		
1+500	265.728 261.897		
1+600	266.144 261.913		
1+700	266.662 262.161		
1+800	267.180 262.828		
1+900	267.698 263.566		
2+000	268.216 263.063		
2+100	268.734 262.950		

NOTES:

* REFER TO DRAWINGS 3.1 AND 2.4 FOR PRELIMINARY SITE GRADING AND PROPOSED STORM DRAINAGE.
* HWY 413 GRADING AND DRAINAGE DETAILS SHOWN ON THIS PLAN ARE PRELIMINARY ONLY AND SUBJECT TO FUTURE COORDINATION WITH MTO.

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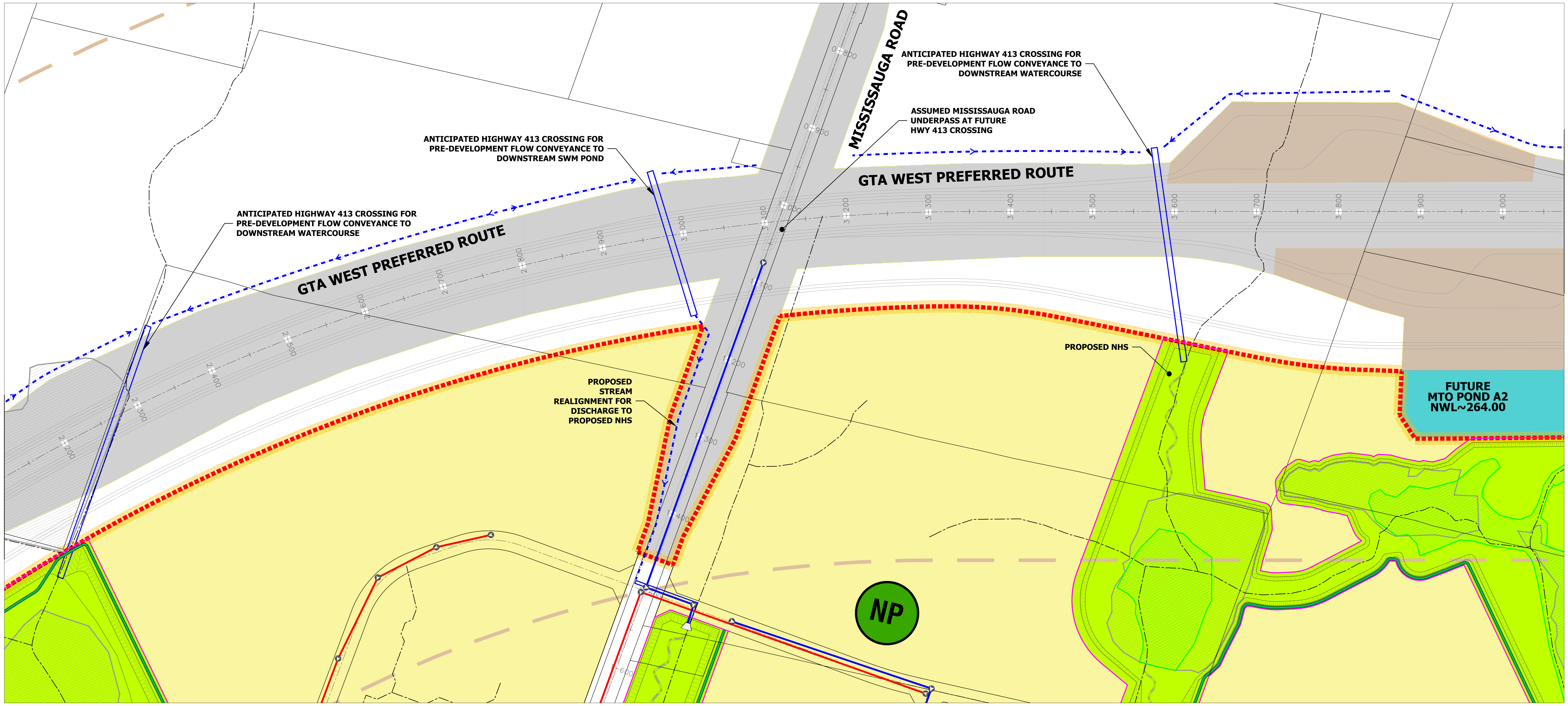
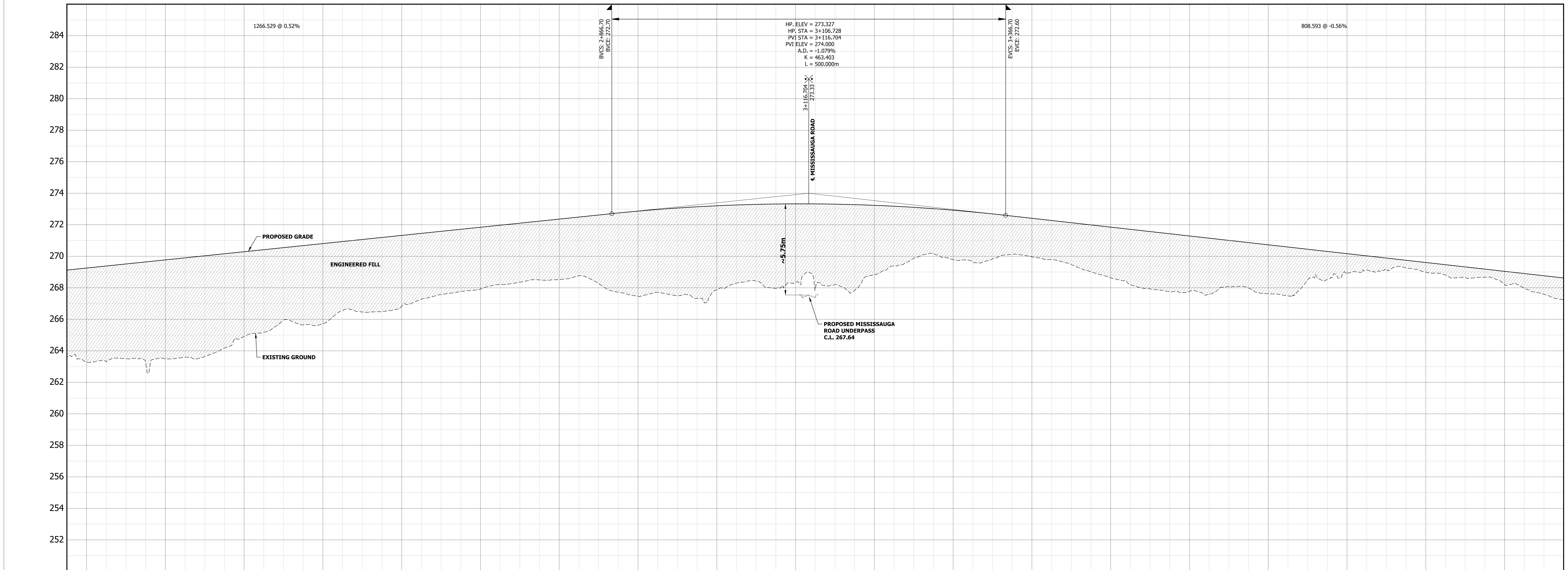
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

PRELIMINARY HIGHWAY 413 PLAN & PROFILE (PART 1)

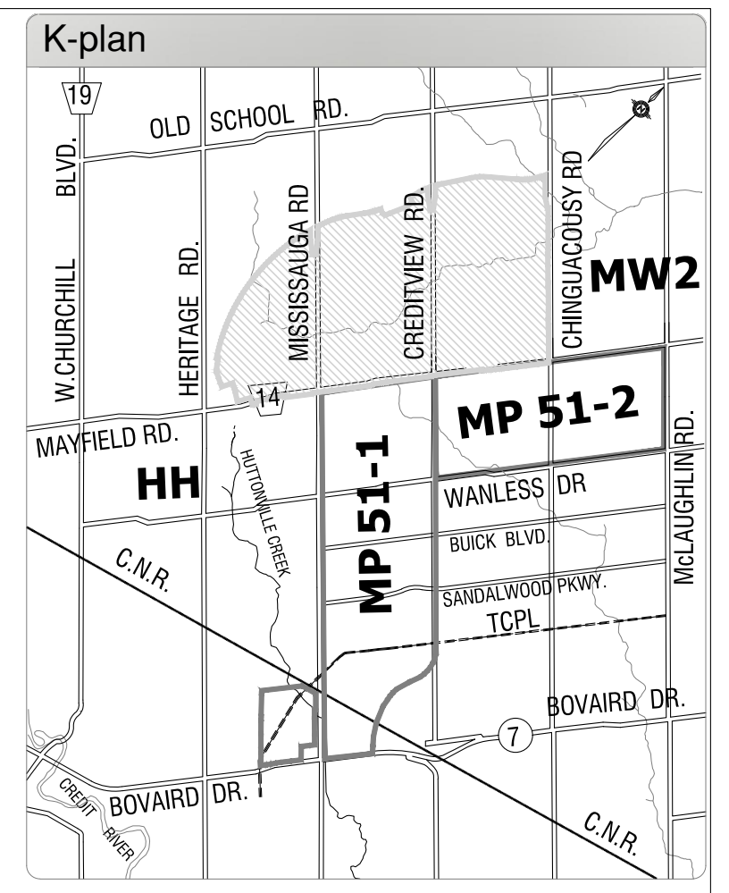
PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	H 1:2000 V 1:100	3.3A-1


MISSISSAUGA ROAD
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM WATERCOURSE
ASSUMED MISSISSAUGA ROAD UNDERPASS AT FUTURE HWY 413 CROSSING
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM SWM POND
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM WATERCOURSE
GTA WEST PREFERRED ROUTE
GTA WEST PREFERRED ROUTE
PROPOSED STREAM REALIGNMENT FOR DISCHARGE TO PROPOSED NHS
PROPOSED NHS
FUTURE MTO POND A2 NWL~264.00
NP
REFER TO DWG. 3.3A-1
REFER TO DWG 3.3A-3
2+200
2+300
2+400
2+500
2+600
2+700
2+800
2+900
3+000
3+100
3+200
3+300
3+400
3+500
3+600
3+700
3+800
3+900
4+000



PROPOSED SANITARY SEWER INVERTS										
PROPOSED STORM SEWER INVERTS										
PROPOSED & EXISTING CENTRELINE ELEVATION	269.252 *263.273*	269.770 *263.490*	270.288 *264.914*	270.806 *265.724*	271.324 *266.820*	271.841 *267.914*	272.359 *268.525*	272.865 *267.460*	273.204 *267.873*	273.326 *268.343*
CENTRELINE CHAINAGE	2+200	2+300	2+400	2+500	2+600	2+700	2+800	2+900	3+000	3+100

PROPOSED SANITARY SEWER INVERTS									
PROPOSED STORM SEWER INVERTS									
PROPOSED & EXISTING CENTRELINE ELEVATION	273.233 *268.848*	272.923 *269.784*	272.410 *269.964*	271.849 *268.625*	271.288 *267.770*	270.727 *267.620*	270.166 *268.944*	269.605 *268.993*	269.044 *268.206*
CENTRELINE CHAINAGE	3+200	3+300	3+400	3+500	3+600	3+700	3+800	3+900	4+000


K-plan
19
OLD SCHOOL RD.
W.CHURCHILL BLVD.
HERITAGE RD.
MISSISSAUGA RD
CREDITVIEW RD.
CHINGUACOUSY RD
MW2
14
MAYFIELD RD.
HH
MP 51-1
MP 51-2
HUTTONVILLE CREEK
WANLESS DR
BUICK BLVD.
SANDALWOOD PKWY.
TCPL
McLAUGHLIN RD.
C.N.R.
BOVAIRD DR.
7
CREDIT RIVER
C.N.R.

NOTES:

* REFER TO DRAWINGS 3.1 AND 2.4 FOR PRELIMINARY SITE GRADING AND PROPOSED STORM DRAINAGE.
* HWY 413 GRADING AND DRAINAGE DETAILS SHOWN ON THIS PLAN ARE PRELIMINARY ONLY AND SUBJECT TO FUTURE COORDINATION WITH MTO.
* REFER TO DRAWING 3.3C-1 FOR PRELIMINARY MISSISSAUGA ROAD PROFILE.

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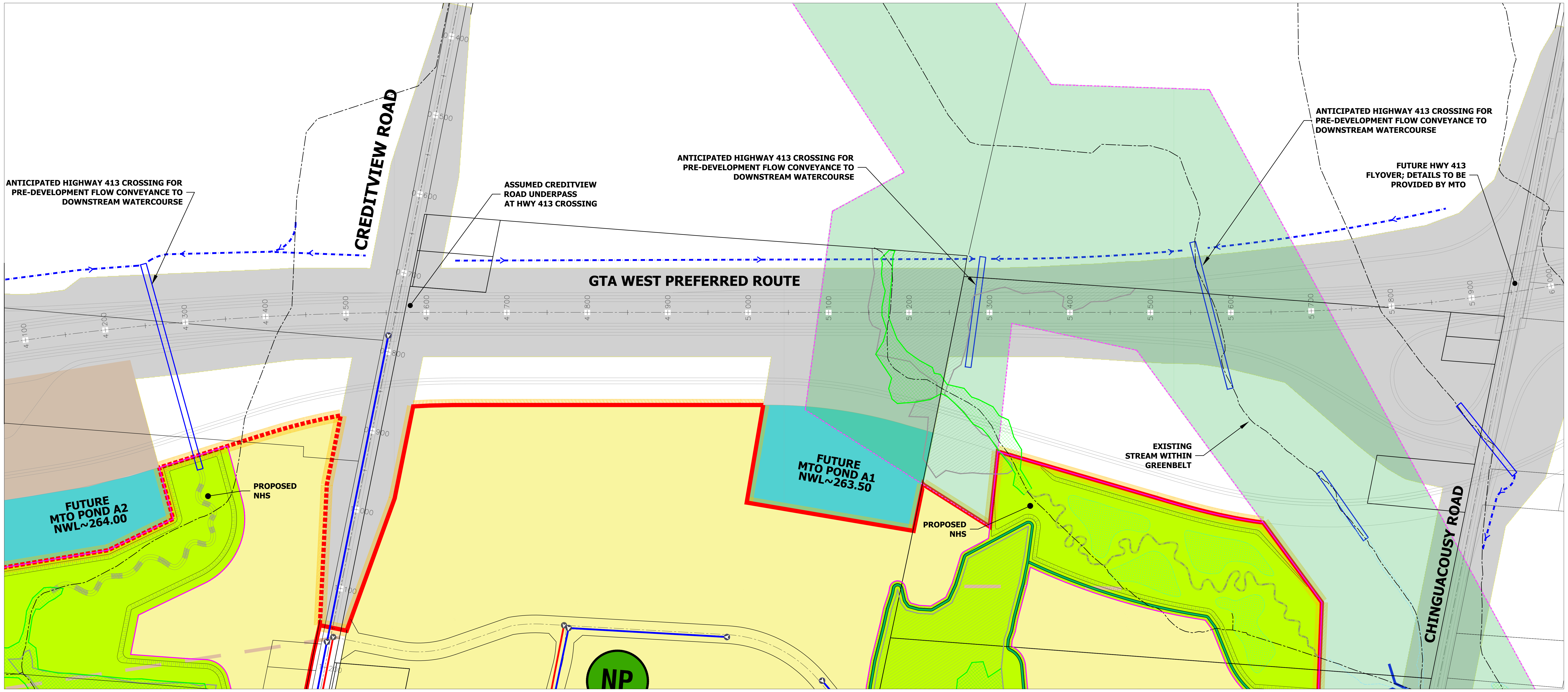
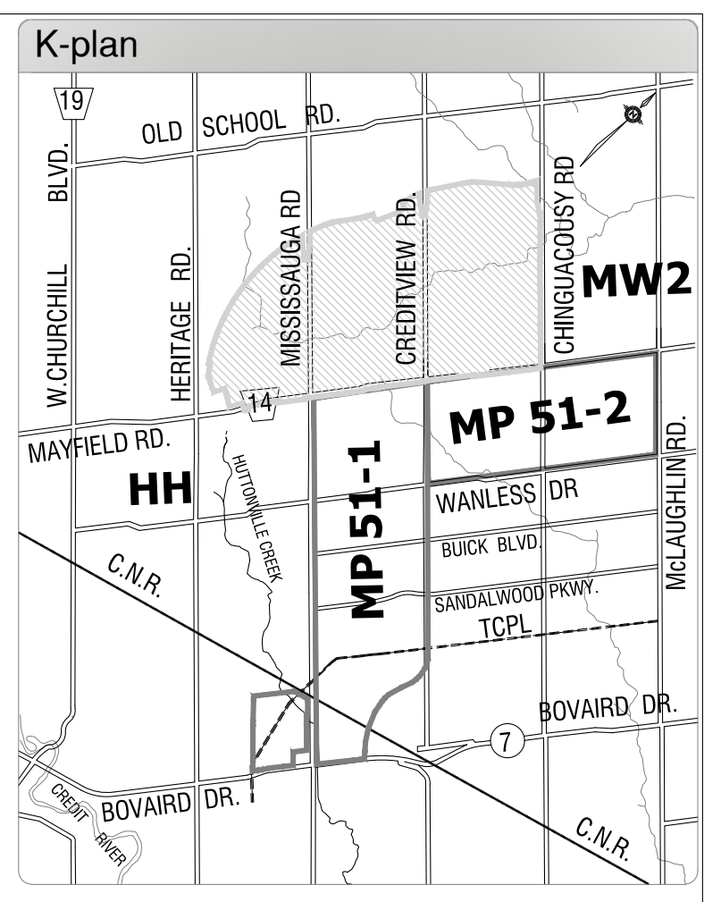
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

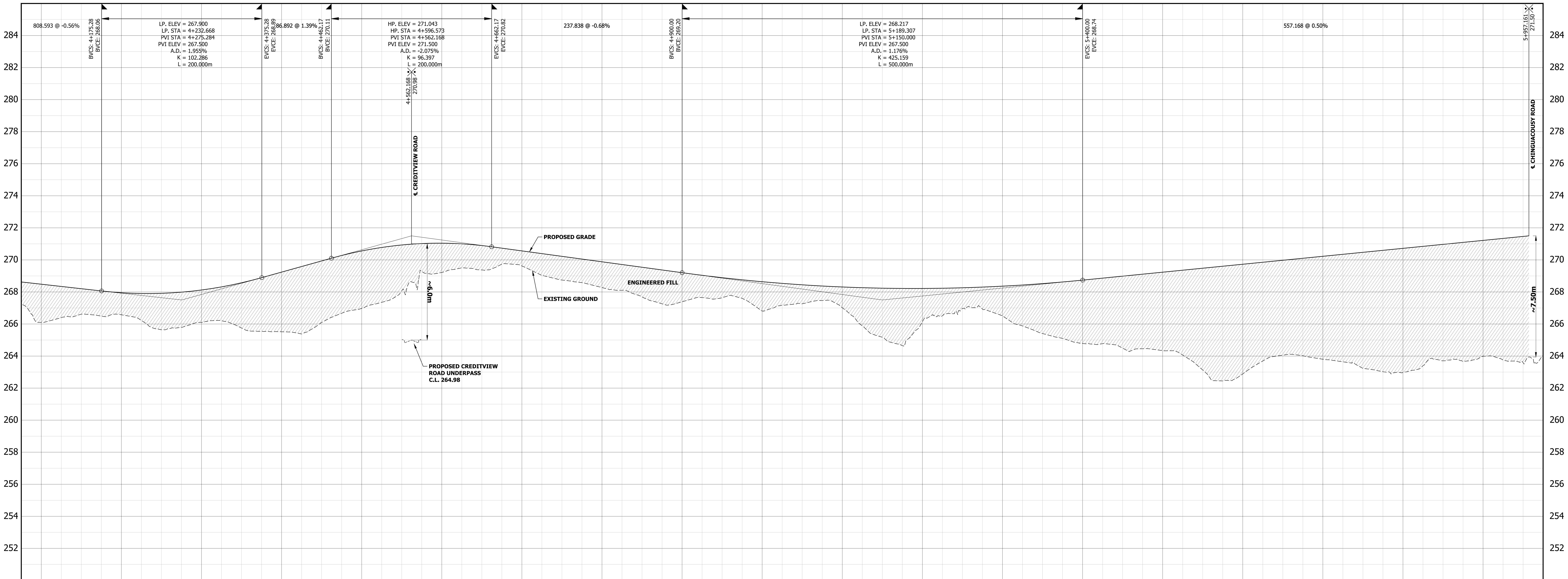
PRELIMINARY HIGHWAY 413 PLAN & PROFILE (PART 2)

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	H 1:2000 V 1:100	3.3A-2

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\3_SITE GRADING\DWG 3.3A - Preliminary HWY 413 Plan & Profiles.dwg - Revised by <TLEVITIN> : Fri, Jun 21 2024 - 4:39pm


REFER TO DWG. 3.3A-2
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM WATERCOURSE
CREDITVIEW ROAD
ASSUMED CREDITVIEW ROAD UNDERPASS AT HWY 413 CROSSING
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM WATERCOURSE
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM WATERCOURSE
FUTURE HWY 413 FLYOVER; DETAILS TO BE PROVIDED BY MTO
GTA WEST PREFERRED ROUTE
4+100
4+200
4+300
4+400
4+500
4+600
4+700
4+800
4+900
5+000
5+100
5+200
5+300
5+400
5+500
5+600
5+700
5+800
5+900
FUTURE MTO POND A2 NWL~264.00
PROPOSED NHS
FUTURE MTO POND A1 NWL~263.50
PROPOSED NHS
EXISTING STREAM WITHIN GREENBELT
CHINGUACOUSY ROAD
NP


K-plan
OLD SCHOOL RD
MW2
MP 51-2
HH
MP 51-1
MAYFIELD RD
W. CHURCHILL BLVD
HERITAGE RD
MISSISSAUGA RD
CREDITVIEW RD
CHINGUACOUSY RD
McLAUGHLIN RD
WANLESS DR
BUICK BLVD
SANDALWOOD PKWY
BOVAIRD DR
C.N.R.


808.593 @ -0.56%
BVCS: 4+175.28
BVCE: 268.06
LP. ELEV = 267.900
LP. STA = 4+232.668
PVI STA = 4+275.284
PVI ELEV = 267.500
A.D. = 1.955%
K = 102.286
L = 200.000m
EVCS: 4+375.28
EVCE: 268.89
86.892 @ 1.39%
BVCS: 4+462.17
BVCE: 270.11
HP. ELEV = 271.043
HP. STA = 4+596.573
PVI STA = 4+562.168
PVI ELEV = 271.500
A.D. = -2.075%
K = 96.397
L = 200.000m
4+562.168
270.98
℄ CREDITVIEW ROAD
EVCS: 4+662.17
EVCE: 270.82
237.838 @ -0.68%
BVCS: 4+900.00
BVCE: 269.20
LP. ELEV = 268.217
LP. STA = 5+189.307
PVI STA = 5+150.000
PVI ELEV = 267.500
A.D. = 1.176%
K = 425.159
L = 500.000m
EVCS: 5+400.00
EVCE: 268.74
557.168 @ 0.50%
5+957.161
271.50
℄ CHINGUACOUSY ROAD
PROPOSED GRADE
ENGINEERED FILL
EXISTING GROUND
~6.0m
~7.50m
PROPOSED CREDITVIEW ROAD UNDERPASS C.L. 264.98
284
282
280
278
276
274
272
270
268
266
264
262
260
258
256
254
252

PROPOSED SANITARY SEWER INVERTS										
PROPOSED STORM SEWER INVERTS										
PROPOSED & EXISTING CENTRELINE ELEVATION	268.483 *266.102*	267.952 *266.575*	268.122 *266.103*	269.239 *265.516*	270.559 *266.973*	271.042 *269.219*	270.562 *269.620*	269.882 *268.273*	269.201 *267.387*	268.638 *266.815*
CENTRELINE CHAINAGE	4+100	4+200	4+300	4+400	4+500	4+600	4+700	4+800	4+900	5+000

PROPOSED SANITARY SEWER INVERTS									
PROPOSED STORM SEWER INVERTS									
PROPOSED & EXISTING CENTRELINE ELEVATION	268.311 *267.012*	268.218 *266.149*	268.361 *266.507*	268.739 *264.782*	269.234 *264.337*	269.730 *262.891*	270.226 *263.800*	270.721 *262.987*	271.217 *263.987*
CENTRELINE CHAINAGE	5+100	5+200	5+300	5+400	5+500	5+600	5+700	5+800	5+900

NOTES:

* REFER TO DRAWINGS 3.1 AND 2.4 FOR PRELIMINARY SITE GRADING AND PROPOSED STORM DRAINAGE.
* HWY 413 GRADING AND DRAINAGE DETAILS SHOWN ON THIS PLAN ARE PRELIMINARY ONLY AND SUBJECT TO FUTURE COORDINATION WITH MTO.
* REFER TO DRAWING 3.3B-1 FOR PRELIMINARY CREDITVIEW ROAD PROFILE.

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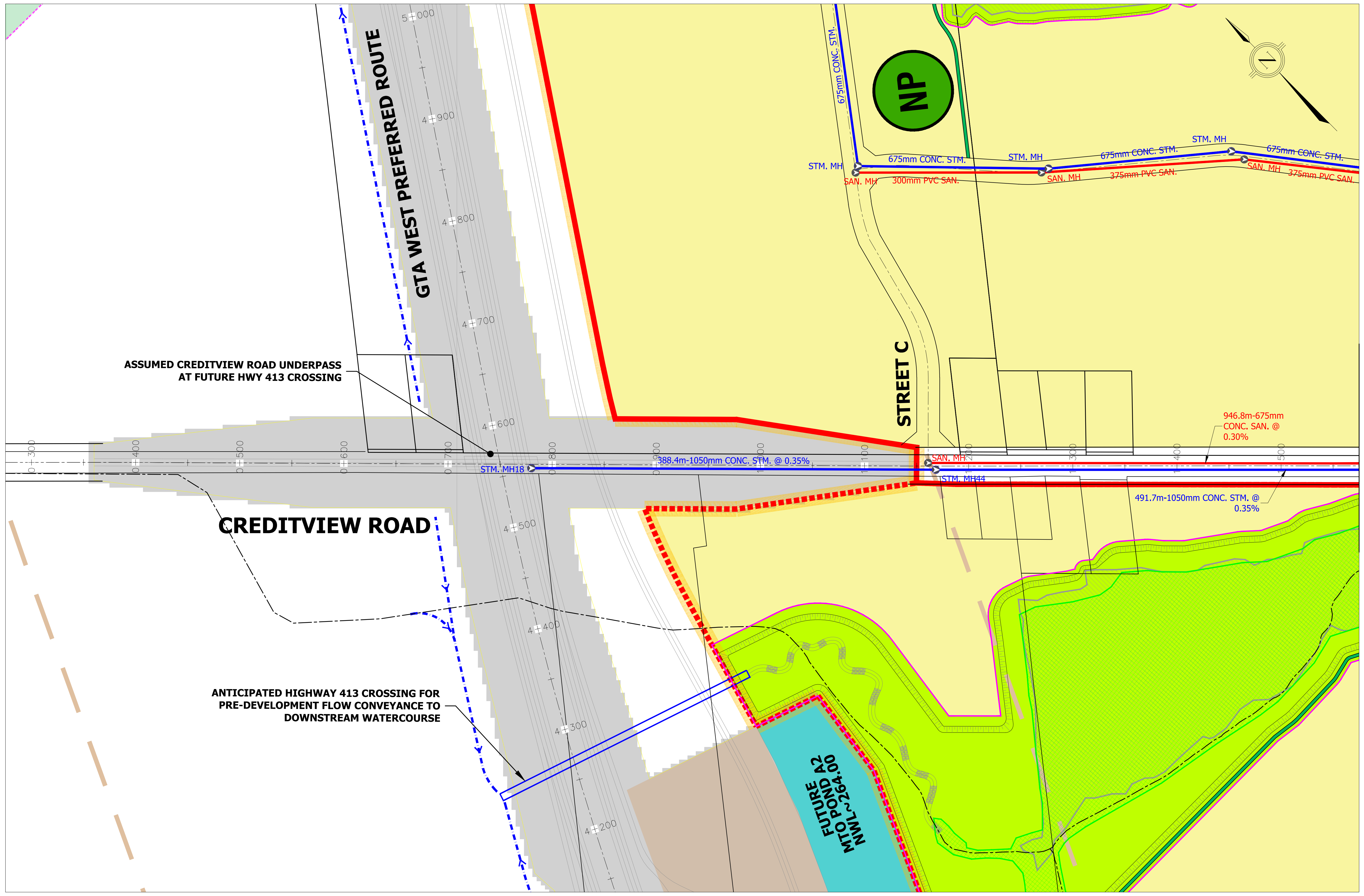
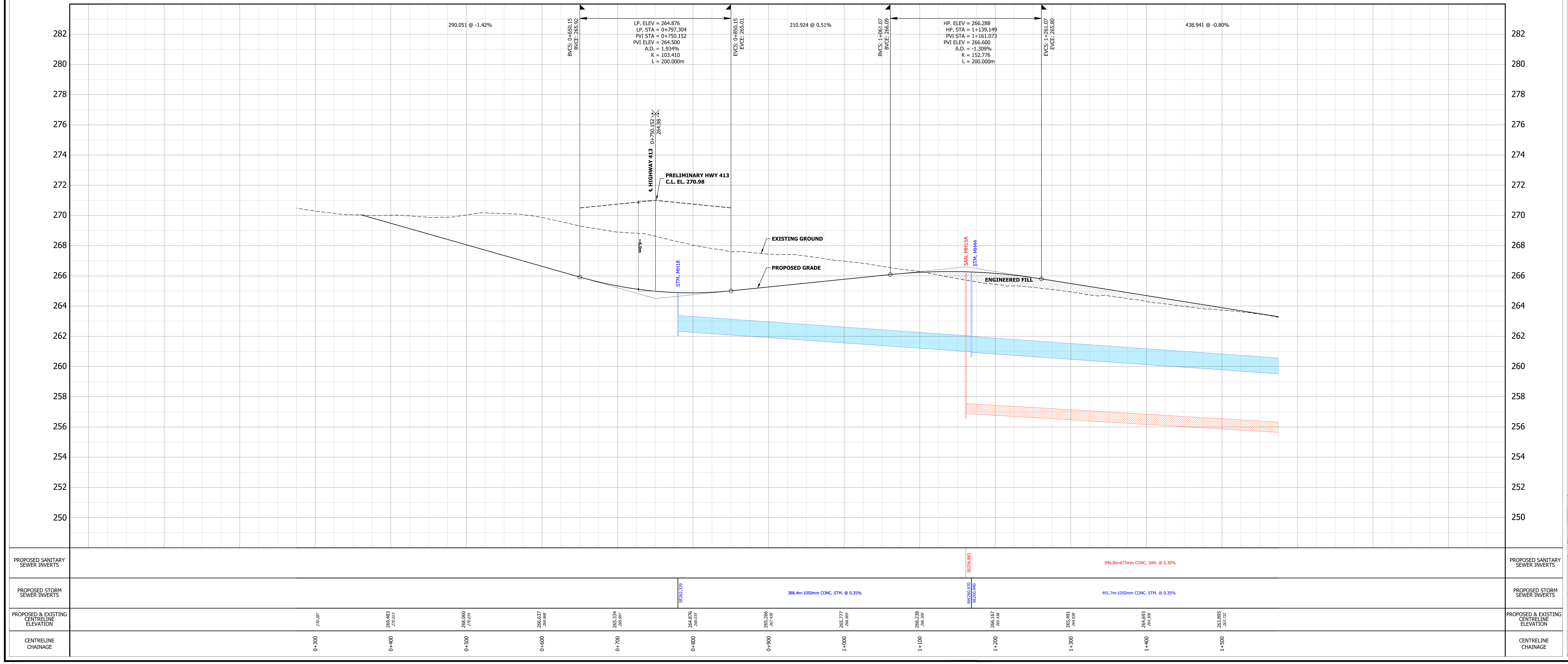
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

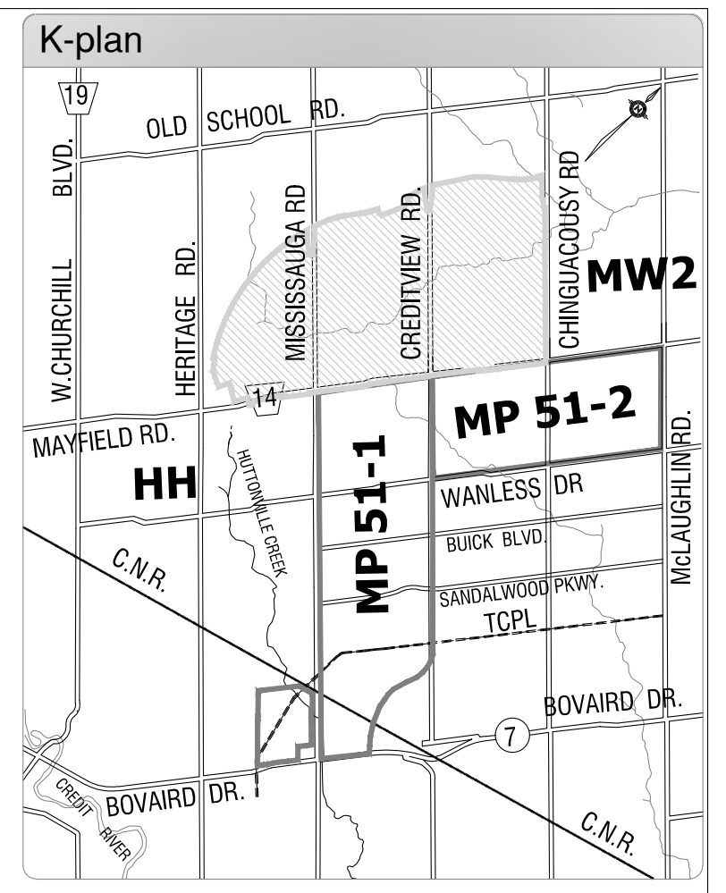
PRELIMINARY HIGHWAY 413 PLAN & PROFILE (PART 3)

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	H 1:2000 V 1:100	3.3A-3


GTA WEST PREFERRED ROUTE
NP
675mm CONC. STM.
STM. MH
SAN. MH
675mm CONC. STM.
300mm PVC SAN.
675mm CONC. STM.
375mm PVC SAN.
675mm CONC. STM.
375mm PVC SAN.
ASSUMED CREDITVIEW ROAD UNDERPASS AT FUTURE HWY 413 CROSSING
STREET C
946.8m-675mm CONC. SAN. @ 0.30%
REFER TO DWG. 3.3B-2
STM. MH18
388.4m-1050mm CONC. STM. @ 0.35%
SAN. MH
STM. MH44
491.7m-1050mm CONC. STM. @ 0.35%
CREDITVIEW ROAD
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO DOWNSTREAM WATERCOURSE
FUTURE MTO POND A2 NWL~264.00
0+300
0+400
0+500
0+600
0+700
0+800
0+900
1+000
1+100
1+200
1+300
1+400
1+500
4+200
4+300
4+400
4+500
4+600
4+700
4+800
4+900
5+000


290.051 @ -1.42%
BVCS: 0+650.15
BVCE: 265.92
LP. ELEV = 264.876
LP. STA = 0+797.304
PVI STA = 0+750.152
PVI ELEV = 264.500
A.D. = 1.934%
K = 103.410
L = 200.000m
EVCS: 0+850.15
EVCE: 265.01
210.924 @ 0.51%
BVCS: 1+061.07
BVCE: 266.09
HP. ELEV = 266.288
HP. STA = 1+139.149
PVI STA = 1+161.073
PVI ELEV = 266.600
A.D. = -1.309%
K = 152.776
L = 200.000m
EVCS: 1+261.07
EVCE: 265.80
438.941 @ -0.80%
0+750.152
264.98
℄ HIGHWAY 413
PRELIMINARY HWY 413 C.L. EL. 270.98
EXISTING GROUND
PROPOSED GRADE
ENGINEERED FILL
STM. MH18
SAN. MH15A
STM. MH44
282
280
278
276
274
272
270
268
266
264
262
260
258
256
254
252
250
PROPOSED SANITARY SEWER INVERTS
SE256.883
946.8m-675mm CONC. SAN. @ 0.30%
PROPOSED STORM SEWER INVERTS
SE262.329
388.4m-1050mm CONC. STM. @ 0.35%
NW260.970
SE260.940
491.7m-1050mm CONC. STM. @ 0.35%
PROPOSED & EXISTING CENTRELINE ELEVATION
270.287
269.483
270.013
268.060
270.034
266.637
269.868
265.334
268.897
264.876
268.035
265.266
267.438
265.777
266.969
266.238
266.300
266.167
265.438
265.491
264.938
264.693
264.306
263.895
263.732
CENTRELINE CHAINAGE
0+300
0+400
0+500
0+600
0+700
0+800
0+900
1+000
1+100
1+200
1+300
1+400
1+500

K-plan


OLD SCHOOL RD.
MW2
MP 51-2
MP 51-1
HH
MAYFIELD RD
W. CHURCHILL BLVD.
HERITAGE RD
MISSISSAUGA RD
CREDITVIEW RD
CHINGUACOUSY RD
McLAUGHLIN RD.
WANLESS DR
SANDALWOOD PKWY
BOVAIRD DR.
C.N.R.

NOTES:

* REFER TO DRAWINGS 3.1 AND 2.4 FOR PRELIMINARY SITE GRADING AND PROPOSED STORM DRAINAGE.
* PROPOSED CREDITVIEW ROAD GRADES TO BE COORDINATED WITH THE TOWN AND MTO WITH RESPECT TO THE HWY 413 CROSSING. SEE DRAWING 3.3A-3 FOR PRELIMINARY HWY 413 PROFILE.

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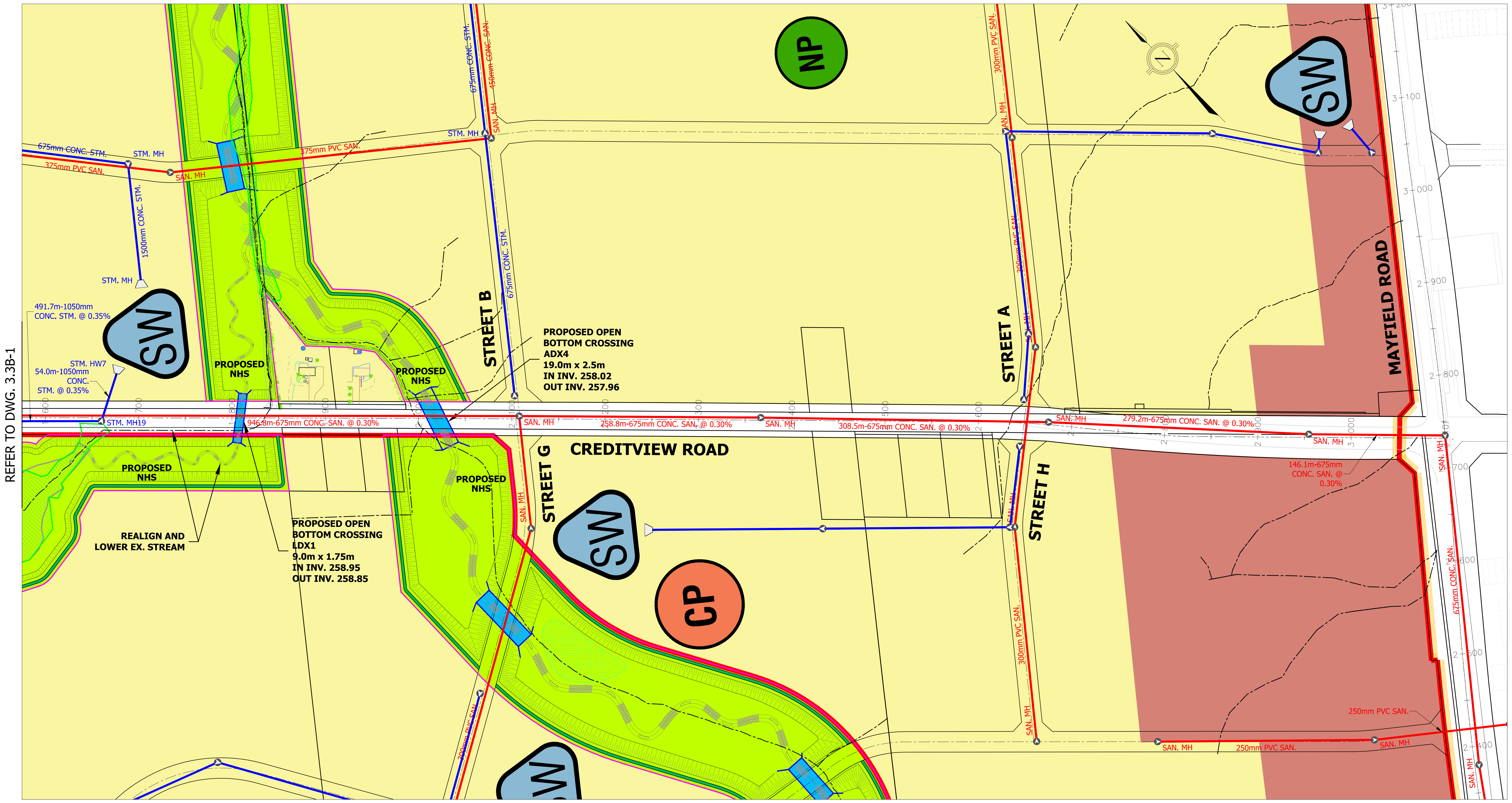
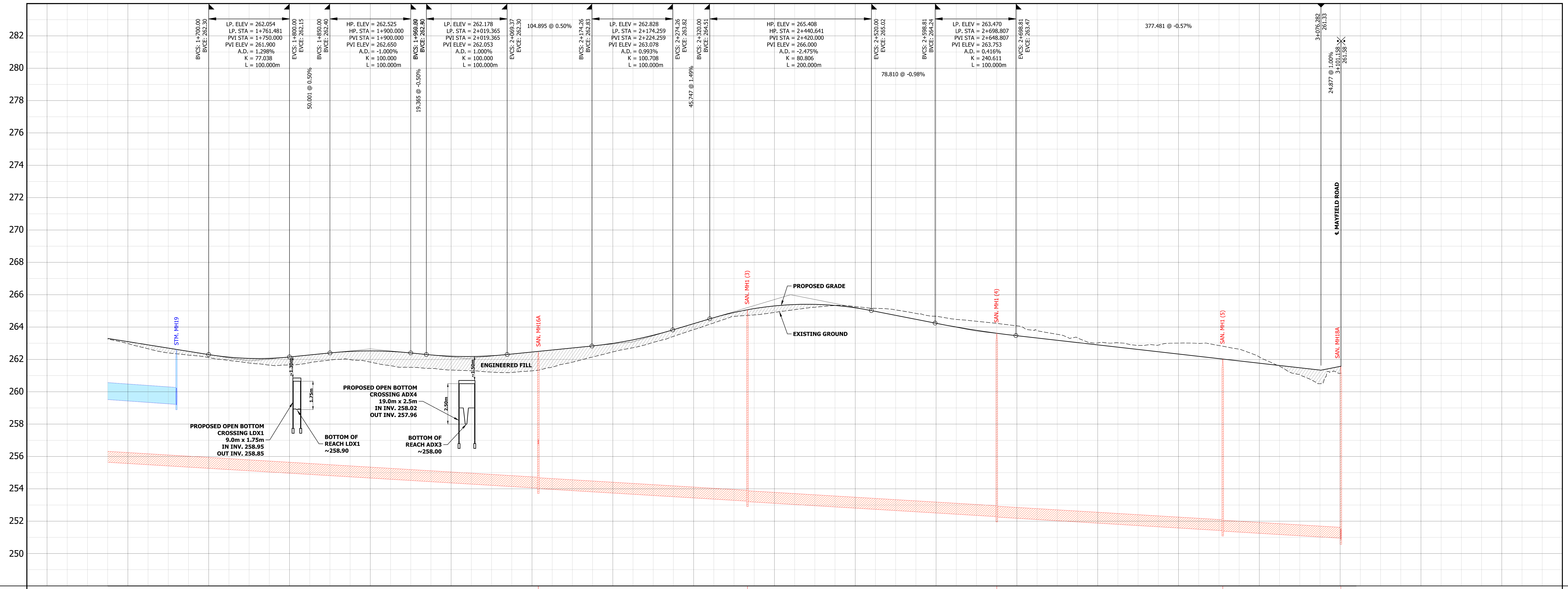
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

PRELIMINARY CREDITVIEW ROAD PLAN & PROFILE (PART 1)

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	H 1:2000 V 1:100	**3.3B-1**

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\3_SITE GRADING\DWG 3.3B1-2_Preliminary Creditview Road Plan & Profiles.dwg - Revised by <DZEC> : Thu, Jun 27 2024 - 9:37am


REFER TO DWG. 3.3B-1
675mm CONC. STM.
STM. MH
375mm PVC SAN.
SAN. MH
375mm PVC SAN.
1500mm CONC. STM.
STM. MH
491.7m-1050mm
CONC. STM. @ 0.35%
SW
STM. HW7
54.0m-1050mm
CONC.
STM. @ 0.35%
STM. MH19
946.8m-675mm CONC. SAN. @ 0.30%
PROPOSED
NHS
PROPOSED
NHS
PROPOSED
NHS
PROPOSED
NHS
REALIGN AND
LOWER EX. STREAM
PROPOSED OPEN
BOTTOM CROSSING
LDX1
9.0m x 1.75m
IN INV. 258.95
OUT INV. 258.85
675mm CONC. STM.
450mm CONC. SAN.
STM. MH
SAN. MH
675mm CONC. STM.
STREET B
PROPOSED OPEN
BOTTOM CROSSING
ADX4
19.0m x 2.5m
IN INV. 258.02
OUT INV. 257.96
SAN. MH
258.8m-675mm CONC. SAN. @ 0.30%
SAN. MH
CREDITVIEW ROAD
STREET G
SAN. MH
SW
CP
NP
300mm PVC SAN.
SAN. MH
300mm PVC SAN.
STREET A
SAN. MH
308.5m-675mm CONC. SAN. @ 0.30%
SAN. MH
279.2m-675mm CONC. SAN. @ 0.30%
SAN. MH
146.1m-675mm
CONC. SAN. @
0.30%
STREET H
SAN. MH
300mm PVC SAN.
SAN. MH
SW
MAYFIELD ROAD
250mm PVC SAN.
SAN. MH
250mm PVC SAN.
SAN. MH
675mm CONC. SAN.
SAN. MH
SAN. MH
3+100
3+000
2+900
2+800
2+700
2+600
2+500
2+400


282
280
278
276
274
272
270
268
266
264
262
260
258
256
254
252
250
BVCS: 1+700.00
BVCE: 262.30
LP. ELEV = 262.054
LP. STA = 1+761.481
PVI STA = 1+750.000
PVI ELEV = 261.900
A.D. = 1.298%
K = 77.038
L = 100.000m
EVCS: 1+800.00
EVCE: 262.15
50.001 @ 0.50%
BVCS: 1+850.00
BVCE: 262.40
HP. ELEV = 262.525
HP. STA = 1+900.000
PVI STA = 1+900.000
PVI ELEV = 262.650
A.D. = -1.000%
K = 100.000
L = 100.000m
EVCS: 1+950.00
BVCS: 1+969.37
19.365 @ -0.50%
LP. ELEV = 262.178
LP. STA = 2+019.365
PVI STA = 2+019.365
PVI ELEV = 262.053
A.D. = 1.000%
K = 100.000
L = 100.000m
EVCS: 2+069.37
EVCE: 262.30
104.895 @ 0.50%
BVCS: 2+174.26
BVCE: 262.83
LP. ELEV = 262.828
LP. STA = 2+174.259
PVI STA = 2+224.259
PVI ELEV = 263.078
A.D. = 0.993%
K = 100.708
L = 100.000m
EVCS: 2+274.26
EVCE: 263.82
45.747 @ 1.49%
BVCS: 2+320.00
BVCE: 264.51
HP. ELEV = 265.408
HP. STA = 2+440.641
PVI STA = 2+420.000
PVI ELEV = 266.000
A.D. = -2.475%
K = 80.806
L = 200.000m
EVCS: 2+520.00
EVCE: 265.02
78.810 @ -0.98%
BVCS: 2+598.81
BVCE: 264.24
LP. ELEV = 263.470
LP. STA = 2+698.807
PVI STA = 2+648.807
PVI ELEV = 263.753
A.D. = 0.416%
K = 240.611
L = 100.000m
EVCS: 2+698.81
EVCE: 263.47
377.481 @ -0.57%
3+076.282
261.33
24.877 @ 1.00%
3+101.158
261.58
℄ MAYFIELD ROAD
STM. MH19
~1.30m
1.75m
PROPOSED OPEN BOTTOM
CROSSING LDX1
9.0m x 1.75m
IN INV. 258.95
OUT INV. 258.85
BOTTOM OF
REACH LDX1
~258.90
~1.50m
2.50m
PROPOSED OPEN BOTTOM
CROSSING ADX4
19.0m x 2.5m
IN INV. 258.02
OUT INV. 257.96
BOTTOM OF
REACH ADX3
~258.00
ENGINEERED FILL
SAN. MH16A
SAN. MH1 (3)
PROPOSED GRADE
EXISTING GROUND
SAN. MH1 (4)
SAN. MH1 (5)
SAN. MH18A

PROPOSED SANITARY SEWER INVERTS

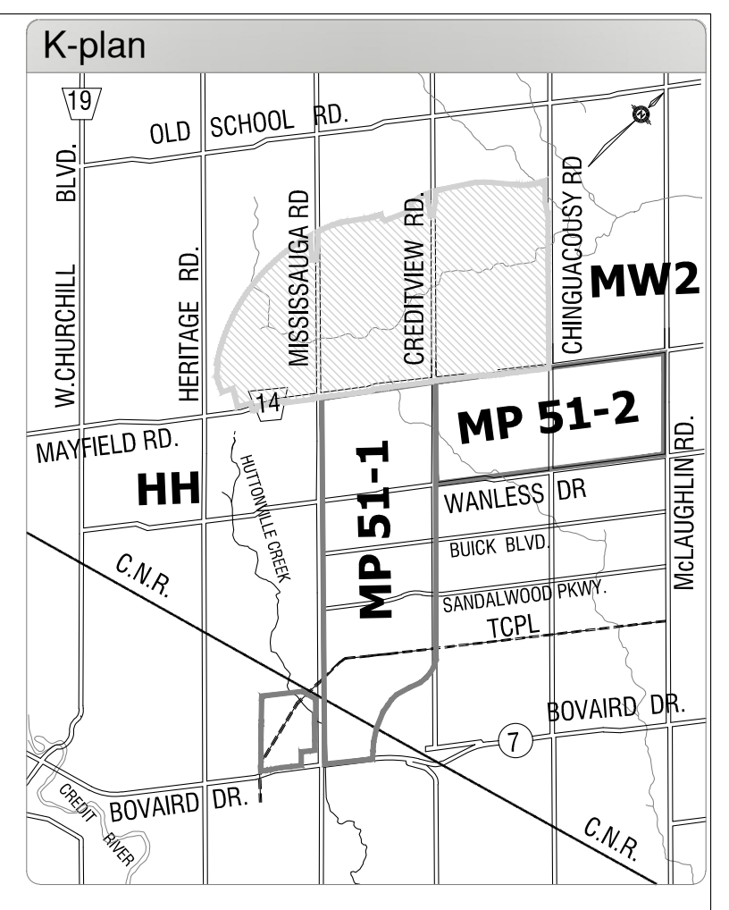
946.8m-675mm CONC. SAN. @ 0.30%
NW254.042 SW256.747 SE254.012
258.8m-675mm CONC. SAN. @ 0.30%
NW253.236 SE253.206
308.5m-675mm CONC. SAN. @ 0.30%
NW252.281 SE252.251
279.2m-675mm CONC. SAN. @ 0.30%
NW251.413 SE251.383
146.1m-675mm CONC. SAN. @ 0.30%
NW250.944 SW250.864

PROPOSED STORM SEWER INVERTS

491.7m-1050mm CONC. STM. @ 0.35%
NW259.219 NE259.189

CENTRELINE CHAINAGE	PROPOSED & EXISTING CENTRELINE ELEVATION
1+600	263.097 *262.980*
1+700	262.299 *262.114*
1+800	262.150 *261.648*
1+900	262.525 *261.834*
2+000	262.197 *261.342*
2+100	262.456 *261.292*
2+200	262.989 *262.462*
2+300	264.208 *263.840*
2+400	265.305 *264.903*
2+500	265.190 *265.269*
2+600	264.232 *264.670*
2+700	263.463 *264.075*
2+800	262.896 *263.015*
2+900	262.330 *263.008*
3+000	261.763 *262.153*
3+100	261.568 *261.142*

K-plan


19
OLD SCHOOL RD.
BLVD.
W.CHURCHILL
HERITAGE RD.
MISSISSAUGA RD
CREDITVIEW RD.
CHINGUACOUSY RD
MW2
14
MAYFIELD RD.
HH
MP 51-1
MP 51-2
HUTTONVILLE CREEK
WANLESS DR
BUICK BLVD.
SANDALWOOD PKWY.
TCPL
McLAUGHLIN RD.
C.N.R.
BOVAIRD DR.
7
BOVAIRD DR.
CREDIT RIVER
C.N.R.

NOTES:

* REFER TO DRAWINGS 3.1 AND 2.4 FOR PRELIMINARY SITE GRADING AND PROPOSED STORM DRAINAGE.
* PROPOSED CREDITVIEW ROAD GRADES TO BE COORDINATED WITH THE TOWN AND MTO WITH RESPECT TO THE HWY 413 CROSSING.

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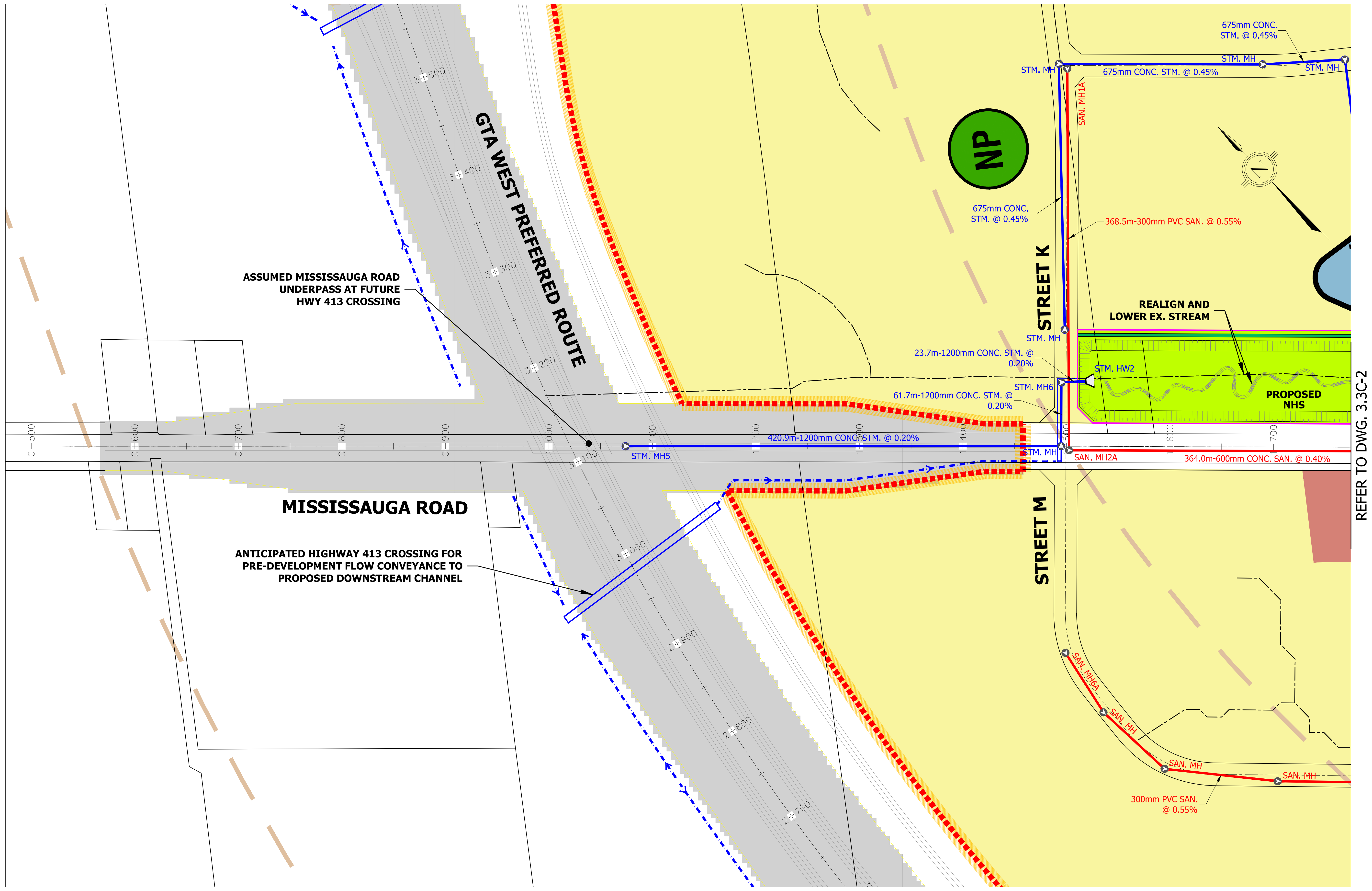
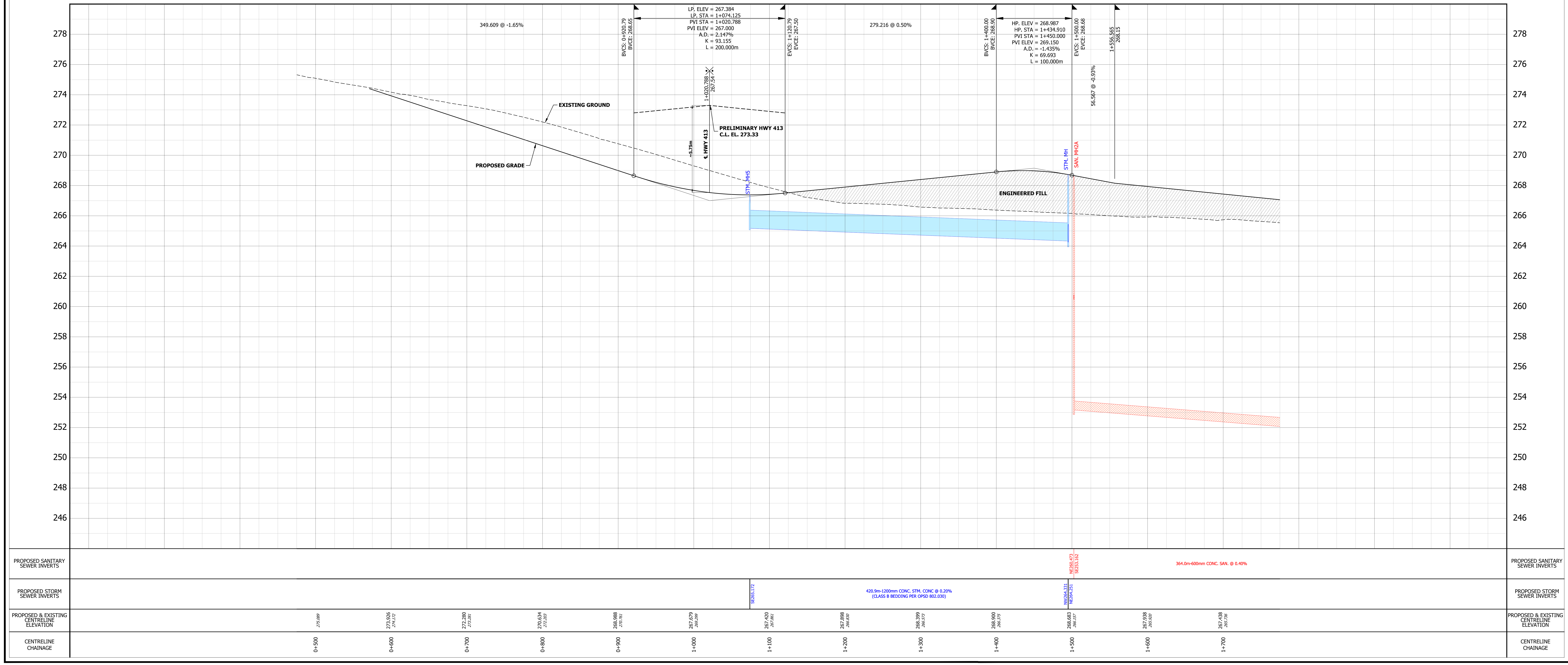
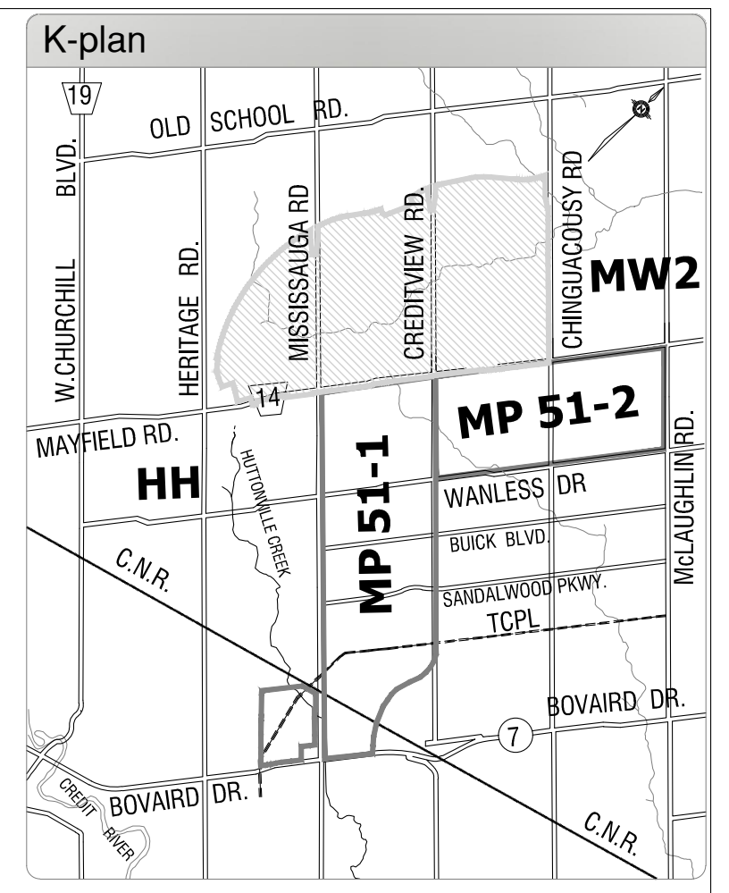
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

PRELIMINARY CREDITVIEW ROAD PLAN & PROFILE (PART 2)

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	H 1:2000 V 1:100	3.3B-2


675mm CONC. STM. @ 0.45%
STM. MH
STM. MH
STM. MH
675mm CONC. STM. @ 0.45%
SAN. MH1A
NP
675mm CONC. STM. @ 0.45%
368.5m-300mm PVC SAN. @ 0.55%
STREET K
STM. MH
REALIGN AND LOWER EX. STREAM
23.7m-1200mm CONC. STM. @ 0.20%
STM. HW2
STM. MH6
61.7m-1200mm CONC. STM. @ 0.20%
PROPOSED NHS
ASSUMED MISSISSAUGA ROAD UNDERPASS AT FUTURE HWY 413 CROSSING
GTA WEST PREFERRED ROUTE
3+500
3+400
3+300
3+200
3+100
3+000
2+900
2+800
2+700
0+500
0+600
0+700
0+800
0+900
1+000
1+100
1+200
1+300
1+400
1+500
1+600
1+700
STM. MH5
420.9m-1200mm CONC. STM. @ 0.20%
STM. MH
SAN. MH2A
364.0m-600mm CONC. SAN. @ 0.40%
MISSISSAUGA ROAD
STREET M
ANTICIPATED HIGHWAY 413 CROSSING FOR PRE-DEVELOPMENT FLOW CONVEYANCE TO PROPOSED DOWNSTREAM CHANNEL
SAN. MH6A
SAN. MH
SAN. MH
SAN. MH
300mm PVC SAN. @ 0.55%
REFER TO DWG. 3.3C-2


278
276
274
272
270
268
266
264
262
260
258
256
254
252
250
248
246
349.609 @ -1.65%
BVCS: 0+920.79
BVCE: 268.65
LP. ELEV = 267.384
LP. STA = 1+074.125
PVI STA = 1+020.788
PVI ELEV = 267.000
A.D. = 2.147%
K = 93.155
L = 200.000m
EVCS: 1+120.79
EVCE: 267.50
279.216 @ 0.50%
BVCS: 1+400.00
BVCE: 268.90
HP. ELEV = 268.987
HP. STA = 1+434.910
PVI STA = 1+450.000
PVI ELEV = 269.150
A.D. = -1.435%
K = 69.693
L = 100.000m
EVCS: 1+500.00
EVCE: 268.68
1+556.565
268.15
56.567 @ -0.93%
1+020.788
267.54
EXISTING GROUND
PRELIMINARY HWY 413 C.L. EL. 273.33
~5.75m
℄ HWY 413
PROPOSED GRADE
STM. MH5
STM. MH
SAN. MH2A
ENGINEERED FILL
PROPOSED SANITARY SEWER INVERTS
NE260.473
SE253.162
364.0m-600mm CONC. SAN. @ 0.40%
PROPOSED STORM SEWER INVERTS
SE265.172
420.9m-1200mm CONC. STM. CONC @ 0.20%
(CLASS B BEDDING PER OPSD 802.030)
NW264.331
NE264.251
PROPOSED & EXISTING CENTRELINE ELEVATION
275.089
273.926
274.172
272.280
273.281
270.634
272.203
268.988
270.761
267.679
269.299
267.420
267.861
267.898
266.830
268.399
266.573
268.900
266.375
268.683
266.157
267.938
265.920
267.438
265.736
CENTRELINE CHAINAGE
0+500
0+600
0+700
0+800
0+900
1+000
1+100
1+200
1+300
1+400
1+500
1+600
1+700


K-plan
19
OLD SCHOOL RD.
W.CHURCHILL BLVD.
HERITAGE RD.
MISSISSAUGA RD
CREDITVIEW RD.
CHINGUACOUSY RD
MW2
14
MAYFIELD RD.
MP 51-2
HH
MP 51-1
HUTTONVILLE CREEK
WANLESS DR
BUICK BLVD.
McLAUGHLIN RD.
C.N.R.
SANDALWOOD PKWY.
TCPL
BOVAIRD DR.
7
BOVAIRD DR.
CREDIT RIVER
C.N.R.

NOTES:

* REFER TO DRAWINGS 3.1 AND 2.4 FOR PRELIMINARY SITE GRADING AND PROPOSED STORM DRAINAGE.
* PROPOSED MISSISSAUGA ROAD GRADES TO BE COORDINATED WITH THE REGION AND MTO WITH RESPECT TO THE HWY 413 CROSSING. SEE DRAWING 3.3A-2 FOR PRELIMINARY HWY 413 PROFILE.

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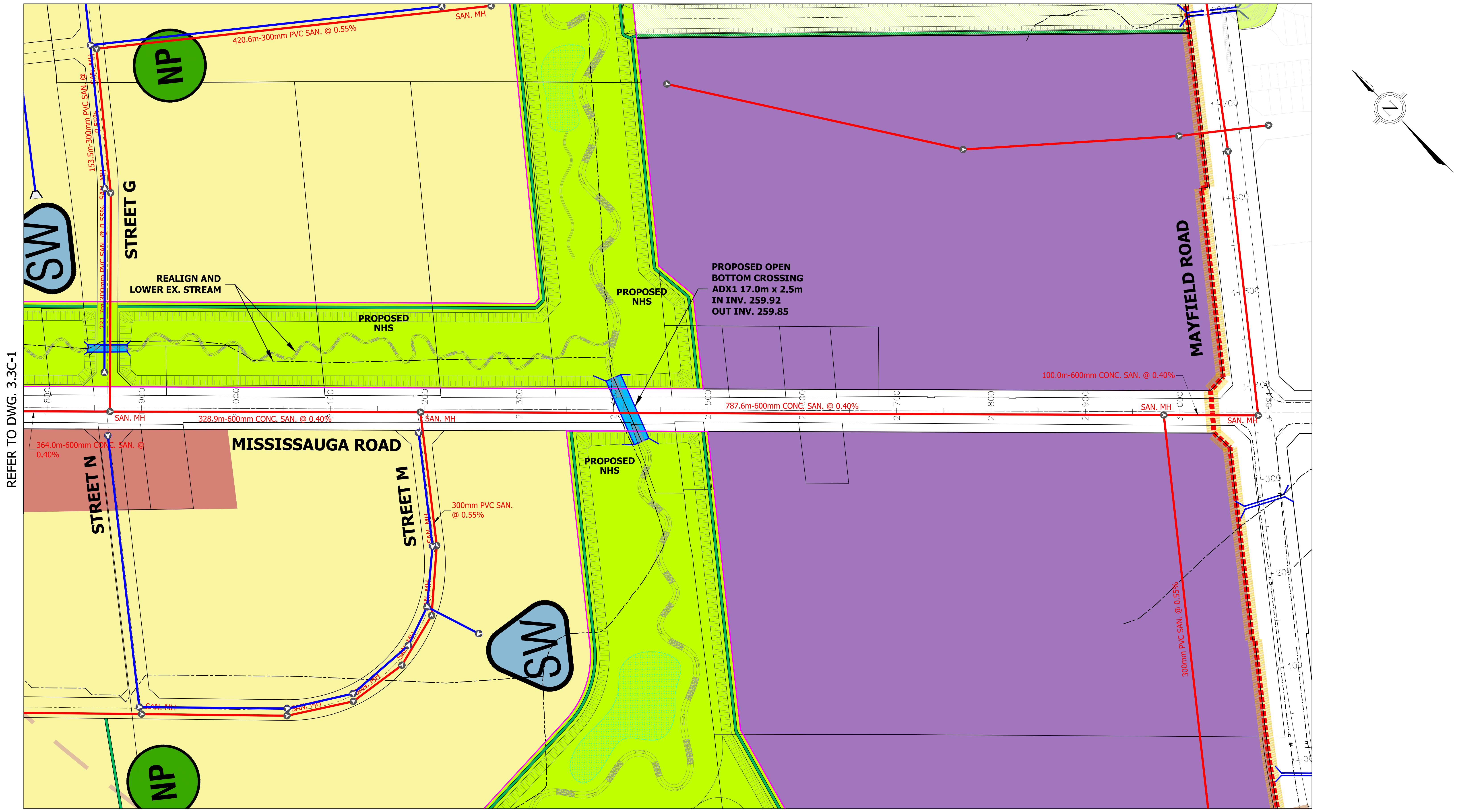
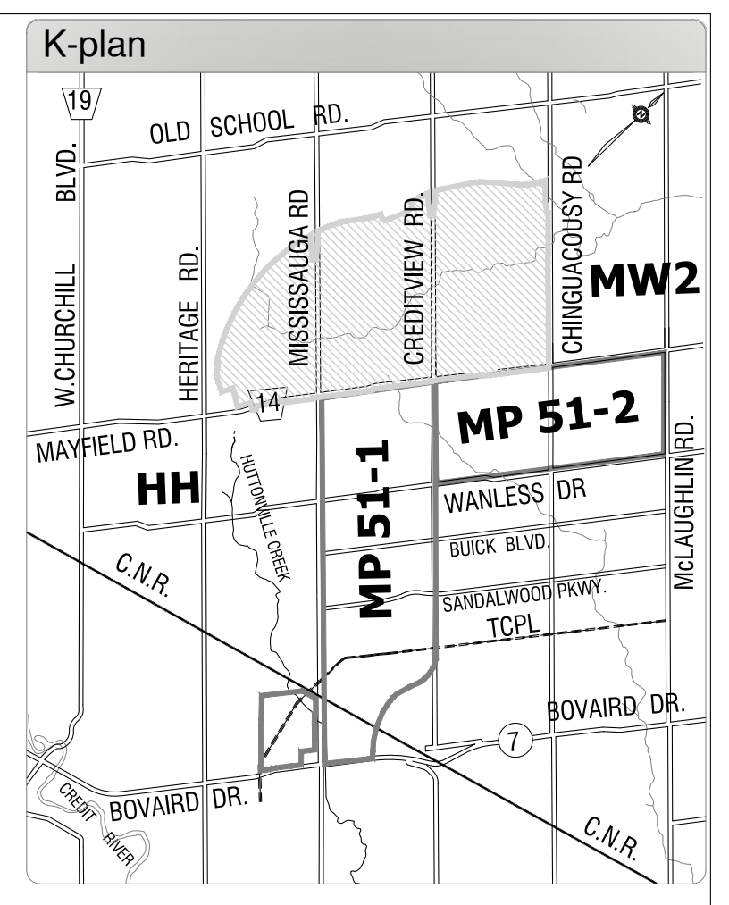
ALLOA SECONDARY PLAN
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

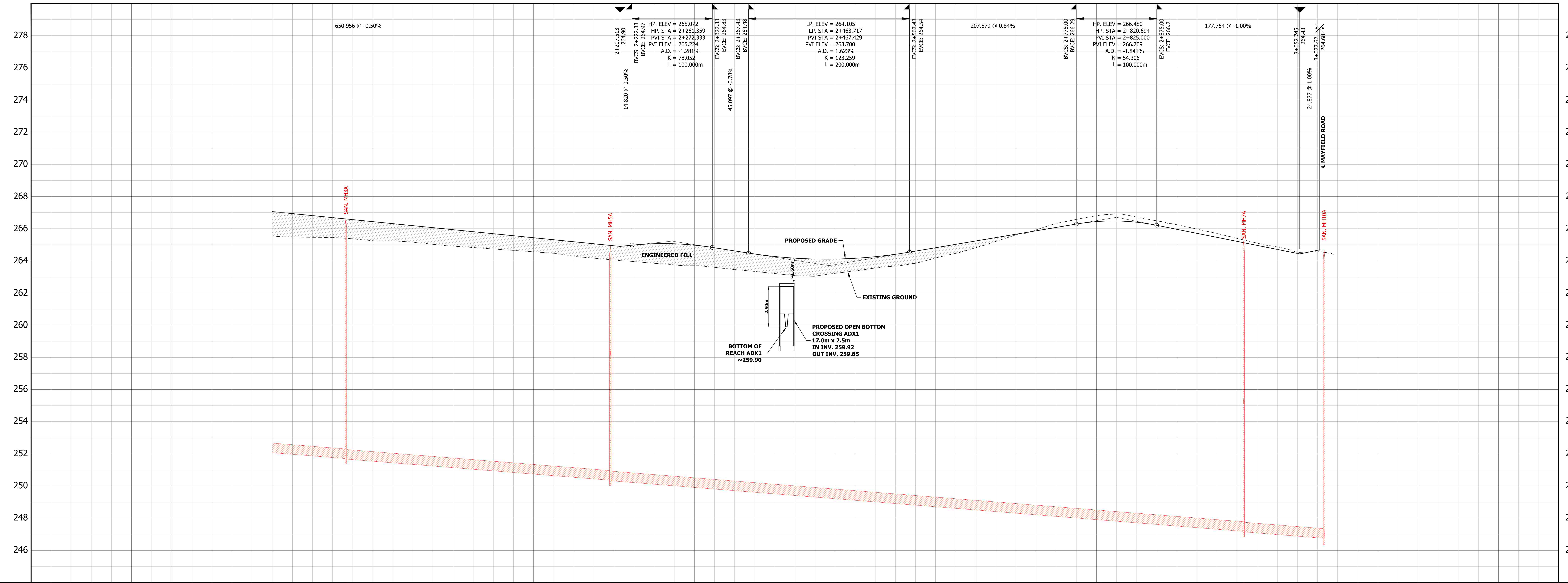
PRELIMINARY MISSISSAUGA ROAD PLAN & PROFILE (PART 1)

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	H 1:2000 V 1:100	**3.3C-1**

File: P:\Projects\20-665 - Alloa Caledon (Argo - Peel)\Reports\Secondary Plan Scoped Servicing Study_Drawings & Figures\3_SITE GRADING\DWG 3.3C - Preliminary Mississauga Road Plan & Profiles.dwg - Revised by <TLEVITIN> : Fri, Jun 21 2024 - 4:17pm


REFER TO DWG. 3.3C-1
420.6m-300mm PVC SAN. @ 0.55%
SAN. MH
153.5m-300mm PVC SAN. @ 0.55%
NP
SW
STREET G
REALIGN AND
LOWER EX. STREAM
PROPOSED NHS
PROPOSED OPEN BOTTOM CROSSING ADX1 17.0m x 2.5m IN INV. 259.92 OUT INV. 259.85
MAYFIELD ROAD
100.0m-600mm CONC. SAN. @ 0.40%
328.9m-600mm CONC. SAN. @ 0.40%
787.6m-600mm CONC. SAN. @ 0.40%
364.0m-600mm CONC. SAN. @ 0.40%
MISSISSAUGA ROAD
STREET N
STREET M
300mm PVC SAN. @ 0.55%
300mm PVC SAN. @ 0.55%
1+800
1+900
2+000
2+100
2+200
2+300
2+400
2+500
2+600
2+700
2+800
2+900
3+000


K-plan
OLD SCHOOL RD
MAYFIELD RD
HH
MP 51-1
MP 51-2
MW2
WANLESS DR
SANDALWOOD PKWY
BOVAIRD DR
C.N.R.
HERITAGE RD
MISSISSAUGA RD
CREDITVIEW RD
CHINGUACOUSY RD
McLAUGHLIN RD


650.956 @ -0.50%
2+207.513
264.90
14.820 @ 0.50%
BVCS: 2+222.33
BVCE: 264.97
HP. ELEV = 265.072
HP. STA = 2+261.359
PVI STA = 2+272.333
PVI ELEV = 265.224
A.D. = -1.281%
K = 78.052
L = 100.000m
EVCS: 2+322.33
EVCE: 264.83
45.097 @ -0.78%
BVCS: 2+367.43
BVCE: 264.48
LP. ELEV = 264.105
LP. STA = 2+463.717
PVI STA = 2+467.429
PVI ELEV = 263.700
A.D. = 1.623%
K = 123.259
L = 200.000m
EVCS: 2+567.43
EVCE: 264.54
207.579 @ 0.84%
BVCS: 2+775.00
BVCE: 266.29
HP. ELEV = 266.480
HP. STA = 2+820.694
PVI STA = 2+825.000
PVI ELEV = 266.709
A.D. = -1.841%
K = 54.306
L = 100.000m
EVCS: 2+875.00
EVCE: 266.21
177.754 @ -1.00%
3+052.745
264.43
24.877 @ 1.00%
3+077.621
264.68
℄ MAYFIELD ROAD
SAN. MH5A
SAN. MH6A
SAN. MH7A
SAN. MH10A
ENGINEERED FILL
PROPOSED GRADE
EXISTING GROUND
~1.60m
2.50m
PROPOSED OPEN BOTTOM CROSSING ADX1 17.0m x 2.5m IN INV. 259.92 OUT INV. 259.85
BOTTOM OF REACH ADX1 ~259.90
278
276
274
272
270
268
266
264
262
260
258
256
254
252
250
248
246

PROPOSED SANITARY SEWER INVERTS		NW251.706 NE255.508 SE251.676	328.9m-600mm CONC. SAN. @ 0.40%	NW250.361 SW258.106 SE250.331	787.6m-600mm CONC. SAN. @ 0.40%							NW247.180 SW255.084 SE247.150	100.0m-600mm CONC. SAN. @ 0.40%	NW246.750 NE246.675
PROPOSED STORM SEWER INVERTS														

PROPOSED & EXISTING CENTRELINE ELEVATION	266.938 265.480	266.438 265.252	265.938 264.914	265.438 264.559	264.938 264.054	264.976 263.695	264.270 263.211	264.159 263.378	264.816 264.176	265.657 265.617	266.441 266.803	265.959 266.246	264.959 265.098
CENTRELINE CHAINAGE	1+800	1+900	2+000	2+100	2+200	2+300	2+400	2+500	2+600	2+700	2+800	2+900	3+000

NOTES:

* REFER TO DRAWINGS 3.1 AND 2.4 FOR PRELIMINARY SITE GRADING AND PROPOSED STORM DRAINAGE.
* PROPOSED MISSISSAUGA ROAD GRADES TO BE COORDINATED WITH THE REGION AND MTO WITH RESPECT TO THE HWY 413 CROSSING.

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ALLOA SECONDARY PLAN
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REGIONAL MUNICIPALITY OF PEEL
SERVICING STUDY

PRELIMINARY MISSISSAUGA ROAD PLAN & PROFILE (PART 2)

PROJECT No.	DATE	SCALE	DWG No.
20-665	JULY 2024	H 1:2000 V 1:100	3.3C-2