

STORM M.H. & C.B. DATA				
No	Station	O/S	Desc.	Grate
1	1+089.9	LT	ADJUST	400.110
2	1+107.2	LT	701.010	400.110
3	1+111.2	LT	ADJUST	
5	1+124.7	RT	701.010	400.110
8	1+174.4	RT	701.010	400.110
9	1+172.9	LT	705.010	400.110
9b	1+175.4	LT	ADJUST	

(S) DENOTES SUMP

STORM SEWER DATA				
No to No	Size	Type	Class	Length
1 - 2	375	PVC	SDR35*	17.3
2 - 3	300	HDPE	CSA B182.8	6.0
2 - 5	300	HDPE	CSA B182.8	20.1
5 - 8	300	HDPE	CSA B182.8	49.7
8 - 9	300	HDPE	CSA B182.8	11.2
8 - 12	300	HDPE	CSA B182.8	72.5
9 - EX	300	HDPE	CSA B182.8	5.6

\* MINIMUM PRESSURE RATED JOINTS OF 345 kPa (E.G. IPEX RING-TITE PVC SDR35 OR APPROVED EQUIVALENT).

SANITARY M.H. DATA				
No	Station	O/S	Desc.	Grate
S1	1+096.4	RT	701.010	401.010A
S2	1+150.0	CL	701.010	401.010A

(B) DENOTES BENCHED

SANITARY SEWER DATA				
No to No	Size	Type	Class	Length
STUB-S1	200	PVC	SDR35	2.0
S1 - S2	200	PVC	SDR35	53.8
S2 - S5	200	PVC	SDR35	100.0

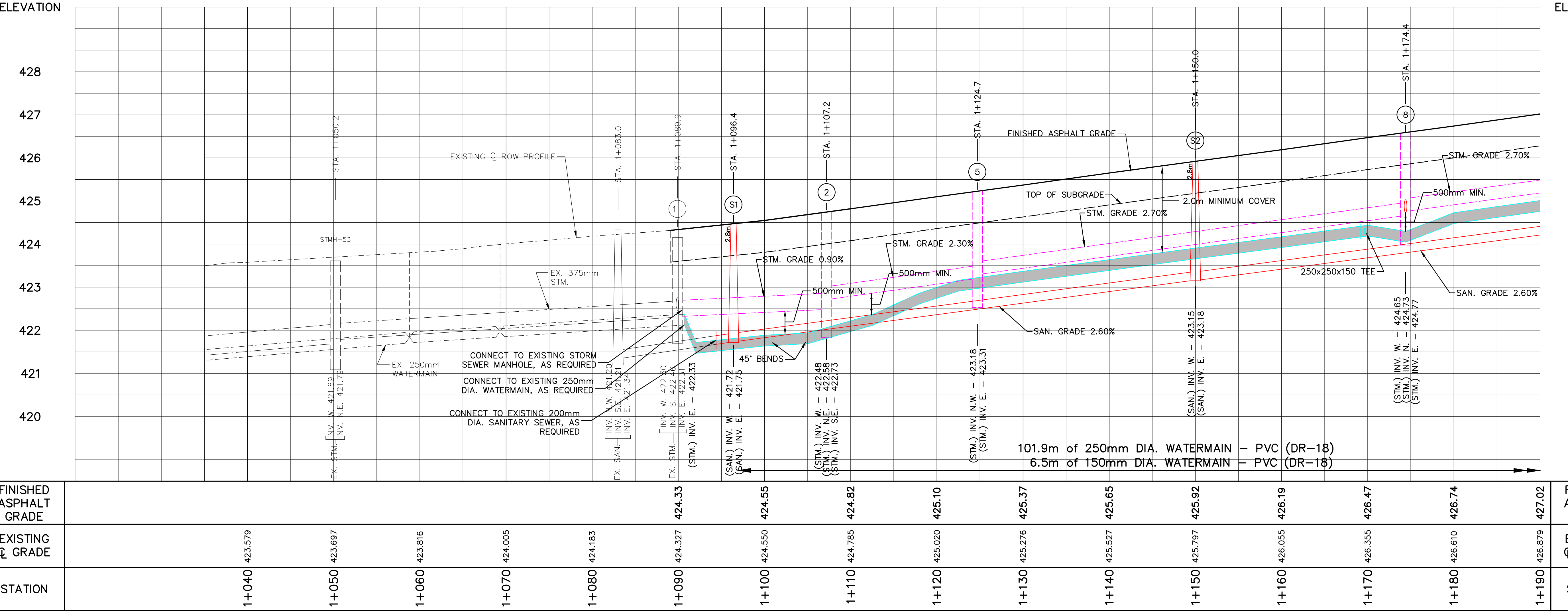
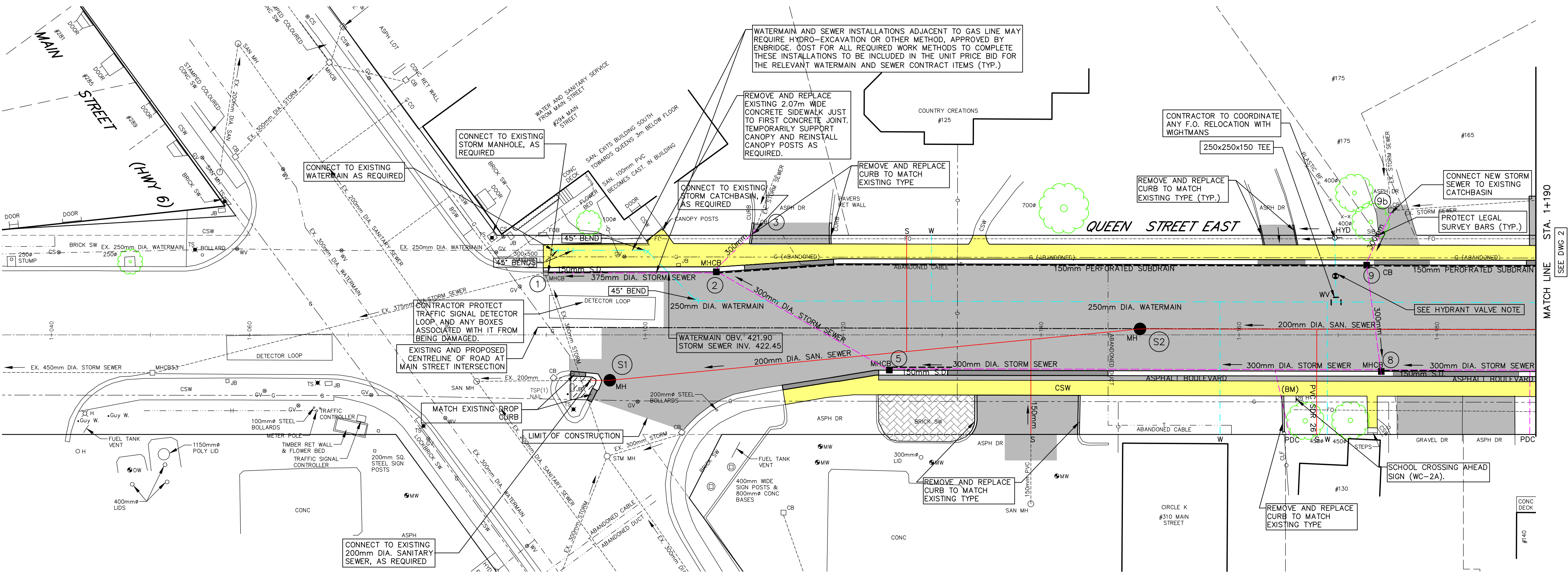
ALL WATER SERVICES INSTALLED ARE TO BE MUNICIPEX

HYDRANT SECONDARY VALVE NOTE (STA 1+169.8):

IF POSSIBLE, THE HYDRANT SECONDARY VALVE IS TO BE LOCATED BEHIND THE SIDEWALK WHICH IS ONLY POSSIBLE IF THE HYDRANT IS SET BACK AT PROPERTY LINE AND IF THE FIBRE OPTIC LINE CAN BE EASILY MOVED. NO PART OF THE VALVE COVER IS TO BE LOCATED IN THE SIDEWALK AND THE ENTIRE HYDRANT ABOVE AND BELOW GRADE IS TO BE LOCATED WITHIN THE ROAD ALLOWANCE. ALTERNATIVELY, THE VALVE IS TO BE LOCATED IN THE BOXED OUT NO PARKING AREA. HYDRANT TO BE SETBACK MINIMUM 0.5m FROM SIDEWALK.

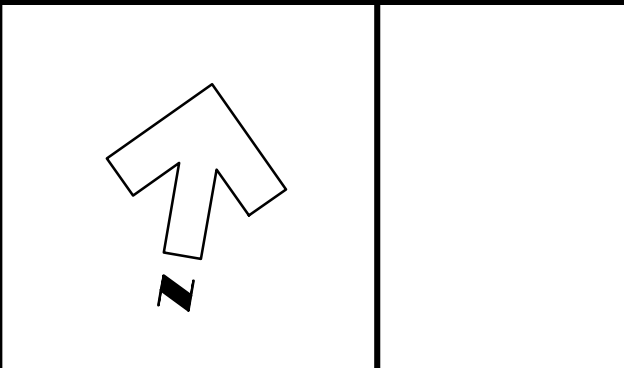
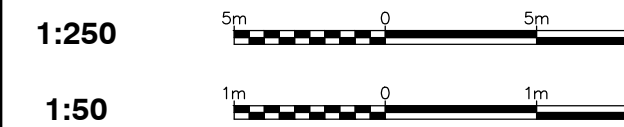
#310 MAIN STREET EAST DRIVEWAY:

TWO 50mm LIFTS OF HL-3F ASPHALT WITH A TACK COAT SHALL BE APPLIED TO THIS DRIVEWAY.



GENERAL NOTES - SEE DRAWING NO. 5

LEGEND	
— SAN. or STM.	EXISTING SEWERS, SANITARY or STORM
— MH, CB	EX. MANHOLE AND CATCHBASIN
— W	EX. FIRE HYDRANT
—	PROPOSED SANITARY SEWER
—	PROPOSED STORM SEWER
—	PROPOSED WATERMAIN
—	GASMAIN
—	UNDERGROUND TELEPHONE
—	UNDERGROUND HYDRO
—	UNDERGROUND FIBRE OPTIC CABLE
—	UTILITY POLES
—	GRUBBING
—	PLACE CONC. SIDEWALK AND DRIVES
—	PLACE HOT MIX ASPHALT (DRIVES 50mm HL-3 HOT MIX MSC.)
—	REINSTALL SALVAGED BRICK PAVING UNITS
—	BRICK CURB (NOT INCLUDING TAPER)
—	WARNING SIGN



**NOTE**  
The locations of existing underground utilities are shown in an approximate way only and have not been independently verified by the owner or its representative. The contractor shall determine the exact location of all existing utilities before commencing work and agree to be fully responsible for any damages which might be occasioned by the contractor's failure to exactly locate and preserve any and all underground utilities.

**BENCHMARK INFORMATION**  
BM Elev. 426.763  
Nail and Flag in North face of HP on South side of Queen Street, in front of house #130

Design By: J.A.V. Checked By: F.C.V.

No.	DATE	REVISION
1.	Dec. 20, 2018	Issued to MECP for ECA approval
2.	Aug. 31, 2021	Issued to Client for review (Draft Design)
3.	Jan. 18, 2022	Issued to Client for review (Design)
4.	Feb. 9, 2022	Issued for Tender
8.	Mar. 23, 2022	Issued for Public Information



Goderich Mount Forest Sarnia



**Township of Wellington North (Mount Forest)**  
**Queen Street East Reconstruction (Highway 89 Connecting Link)**  
**Plan and Profile from Main St. (Hwy. 6) to Sta. 1+190 (New Construction)**

**Contract No. 18197**

Scale (24x36)  
Horizontal : 1:250  
Vertical : 1:50

**Drawing No. 1 of 7**



SANITARY M.H. DATA				
No	Station	O/S	Desc.	Grate
S5	1+250.0	CL	701.010	401.010A (B)

SANITARY SEWER DATA				
No to No	Size	Type	Class	Length
S2 - S5	200	PVC	SDR35	100.0

ALL WATER SERVICES INSTALLED ARE TO BE MUNICIPEX.

GENERAL NOTES - SEE DRAWING NO. 5

STORM M.H. & C.B. DATA				
No	Station	O/S	Desc.	Grate
12	1+246.9	RT	701.010	400.110
13	1+246.9	LT	705.010	400.110
16	1+283.7	RT	701.010	400.110
17	1+293.5	RT	701.010	400.110
17B	1+302.2	RT	705.010	400.110
18	1+288.2	LT	705.010	400.110

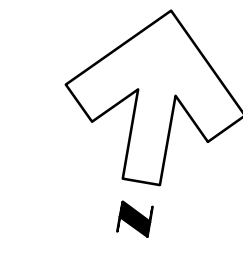
STORM SEWER DATA				
No to No	Size	Type	Class	Length
8 - 12	300	HDPE	CSA B182.8	72.5
12 - 13	300	HDPE	CSA B182.8	10.8
16 - 18	300	HDPE	CSA B182.8	19.2
18 - 17	300	HDPE	CSA B182.8	10.7
17B - 17	300	HDPE	CSA B182.8	8.2

# LEGEND

---	SAN. or SIM.	EXISTING SEWERS, SANITARY or STORM
---	M.H. or C.B.	EX. MANHOLE and CATCHBASIN
---	W	EX. WATERMAIN - EX. FIRE HYDRANT
---	---	PROPOSED SANITARY SEWER
---	---	PROPOSED STORM SEWER
---	---	PROPOSED WATERMAIN
---	---	GASMAIN
---	---	UNDERGROUND TELEPHONE
---	---	UNDERGROUND HYDRO
---	---	UNDERGROUND FIBRE OPTIC CABLE
---	---	UTILITY POLES
---	---	GRUBBING
---	---	WARNING SIGN
---	---	PLACE CONC. SIDEWALK AND DRIVES
---	---	PLACE HOT MIX ASPHALT (DRIVES 50mm H.L. 3 HOT MIX MSC.)
---	---	REINSTALL SALVAGED BRICK PAVING UNITS
---	---	DROP CURB (NOT INCLUDING TAPER)

1:250

1:50



## NOTE

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## BENCHMARK INFORMATION

BM Elev. 429.571  
Nail and Flag in North face of HP on South West corner of the Parkside Drive intersection

## BENCHMARK INFORMATION

BM Elev. 426.763  
Nail and Flag in North face of HP on South side of Queen Street, in front of house #130

Design By: J.A.V.

Checked By: F.C.V.

No.	DATE	REVISION
1.	Dec. 20, 2018	Issued to MECP for ECA approval
2.	Aug. 31, 2021	Issued to Client for review (Draft Design)
3.	Jan. 18, 2022	Issued to Client for review (Design)
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8.	Mar. 23, 2022	Issued for Public Information



Goderich Mount Forest Sarnia



**Township of Wellington North (Mount Forest)**  
**Queen Street East Reconstruction (Highway 89 Connecting Link)**  
Plan and Profile from Sta. 1+190 to Sta. 1+360 (New Construction)

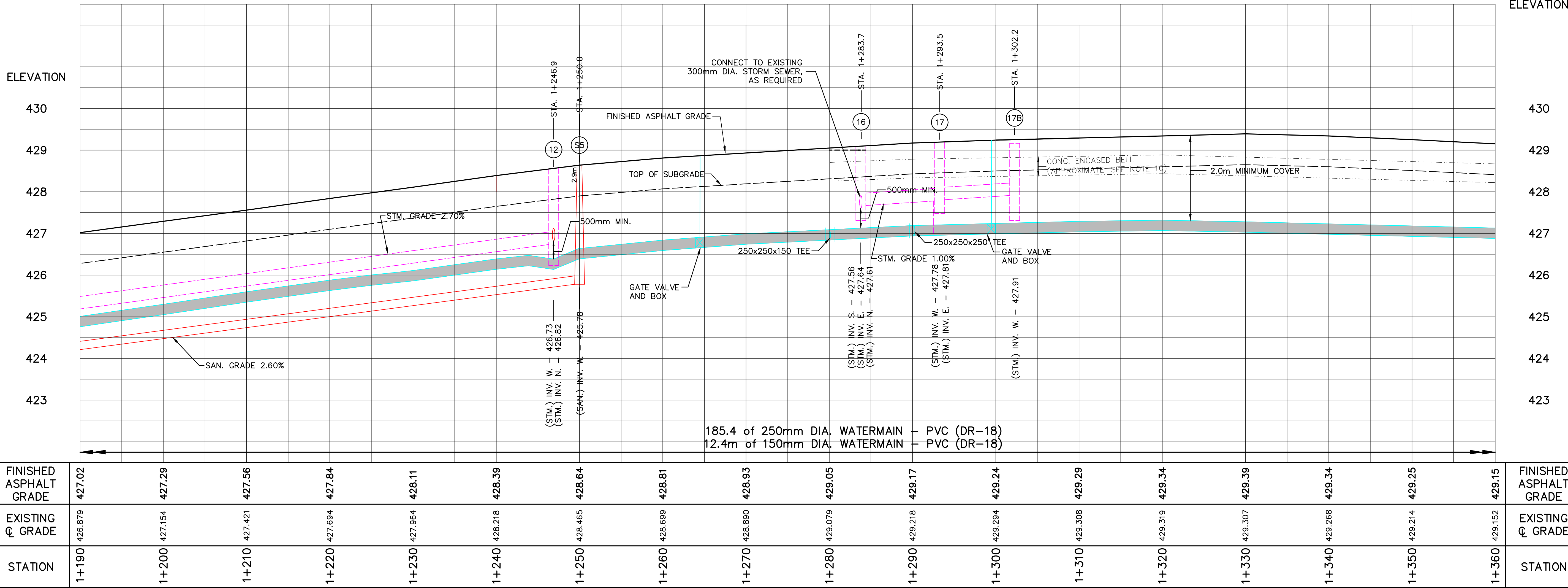
**Contract No.**  
**18197**

Scale (24x36)

Horizontal : 1:250

Vertical : 1:50

**Drawing No.**  
**2 of 7**



ELEVATION

ELEVATION

FINISHED ASPHALT GRADE	427.02	427.29	427.56	427.84	428.11	428.39	428.64	428.81	428.93	429.05	429.17	429.24	429.29	429.34	429.39	429.34	429.25	429.15	FINISHED ASPHALT GRADE
EXISTING C. GRADE	426.879	427.154	427.421	427.694	427.964	428.218	428.465	428.699	428.890	429.079	429.218	429.294	429.308	429.319	429.307	429.268	429.214	429.152	EXISTING C. GRADE
STATION	1+190	1+200	1+210	1+220	1+230	1+240	1+250	1+260	1+270	1+280	1+290	1+300	1+310	1+320	1+330	1+340	1+350	1+360	STATION



STORM M.H. & C.B. DATA				
No	Station	O/S	Desc.	Grate
19	1+370.2	RT	701.010	400.110
20	1+370.2	LT	705.010	400.110
24	1+406.3	RT	701.010	400.110
26	1+463.3	RT	701.010	400.110
27	1+463.3	LT	705.010	400.110
41	1+505.9	LT	INLINE	
42	1+415.8	RT	701.010	400.110
43	1+415.8	RT	701.010	401.010B
44	1+424.3	RT	705.010	400.110

(S) DENOTES SUMP  
(B) DENOTES BENCHMARK

STORM		SEWER		DATA	
No to No	Size	Type	Class	Length	
19 – 20	300	HDPE	CSA B182.8	8.5	
19 – 24	300	HDPE	CSA B182.8	36.1	
24 – 43	300	HDPE	CSA B182.8	9.5	
43 – 42	300	HDPE	CSA B182.8	9.8	
44 – 42	300	HDPE	CSA B182.8	8.5	
43 – 26	300	HDPE	CSA B182.8	47.5	
26 – 27	300	HDPE	CSA B182.8	8.5	
26 – 30	300	HDPE	CSA B182.8	75.0	
41-TEE	300	HDPE	CSA B182.8	11.0	

GENERAL NOTES - SEE DRAWING NO. 5

ALL WATER SERVICES INSTALLED ARE TO BE MUNICIPEX.

SANITARY M.H. DATA				
No	Station	O/S	Desc.	Grate
S7	1+376.5	CL	S8	ADJUST
S9	1+421.3	RT	ADJUST	
S10	1+420.0	CL	701.010	401.010A (B)
S11	1+477.0	CL	701.010	401.010A (B)(E)(P)
S12	1+477.0	LT	ADJUST	(B)
S14	1+420.0	RT	701.010	401.010A (B)(E)

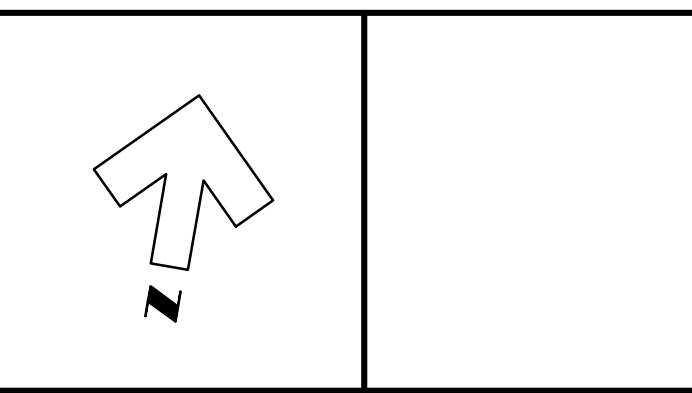
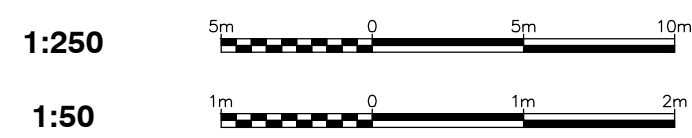
(B) DENOTES BENCHMARKED  
(E) DENOTES EXTERNAL DROP STRUCTURE  
(P) DENOTES SAFETY PLATFORM OPSPD 404.020

(B) DENOTES BENCHMARK  
(E) DENOTES EXTERNAL DROP STRUCTURE  
(P) DENOTES SAFETY PLATFORM OPSD 404.020

SANITARY		SEWER	DATA	
No to No	Size	Type	Class	Length
S7-EX	200	PVC	SDR35	5.4
S10-S14	200	PVC	SDR35	9.7
S14-S9	200	PVC	SDR35	3.6
S10-S11	200	PVC	SDR35	56.9
S11-S12	200	PVC	SDR35	11.3
S11-S13	200	PVC	SDR35	75.9

(1) NO JOINTS WITHIN 2.5m OF WATERMAIN

LEGEND	
---	EXISTING SEWERS, SANITARY OR STORM
---	EX MANHOLE AND CATCH BASIN
---	EX WATERMAIN - EX FIRE HYDRANT
---	PROPOSED SANITARY SEWER
---	PROPOSED STORM SEWER
---	PROPOSED WATERMAIN
---	GAS MAIN
---	UNDERGROUND TELEPHONE
---	UNDERGROUND HYDRO
---	UNDERGROUND FIBRE OPTIC CABLE
---	UTILITY POLES
---	GRUBBING
---	WARNING SIGN
---	PLACE CONC. SIDEWALK AND DRIVES
---	PLACE HOT MIX ASPHALT (DRIVES 50mm PL-3 HOT MIX MSC.)
---	REINSTATE SALVAGED BRICK PAVING UNITS
---	DROP CURB (NOT INCLUDING TAPER)



**NOTE**  
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**BENCHMARK INFORMATION**  
BM Elev. 427.133  
Nail and Flag in South face of HP on North West corner of the Egremont Street intersection

**BENCHMARK INFORMATION**  
BM Elev. 429.571  
Nail and Flag in North face of HP on South West corner of the Parkside Drive intersection

Design By: J.A.V. Checked By: F.C.V.

No.	DATE	REVISION
1.	Dec. 20, 2018	Issued to MECP for ECA approval
2.	Aug. 31, 2021	Issued to Client for review (Draft Design)
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4.	Feb. 9, 2022	Issued for Tender
5.	Mar. 23, 2022	Issued for Public Information



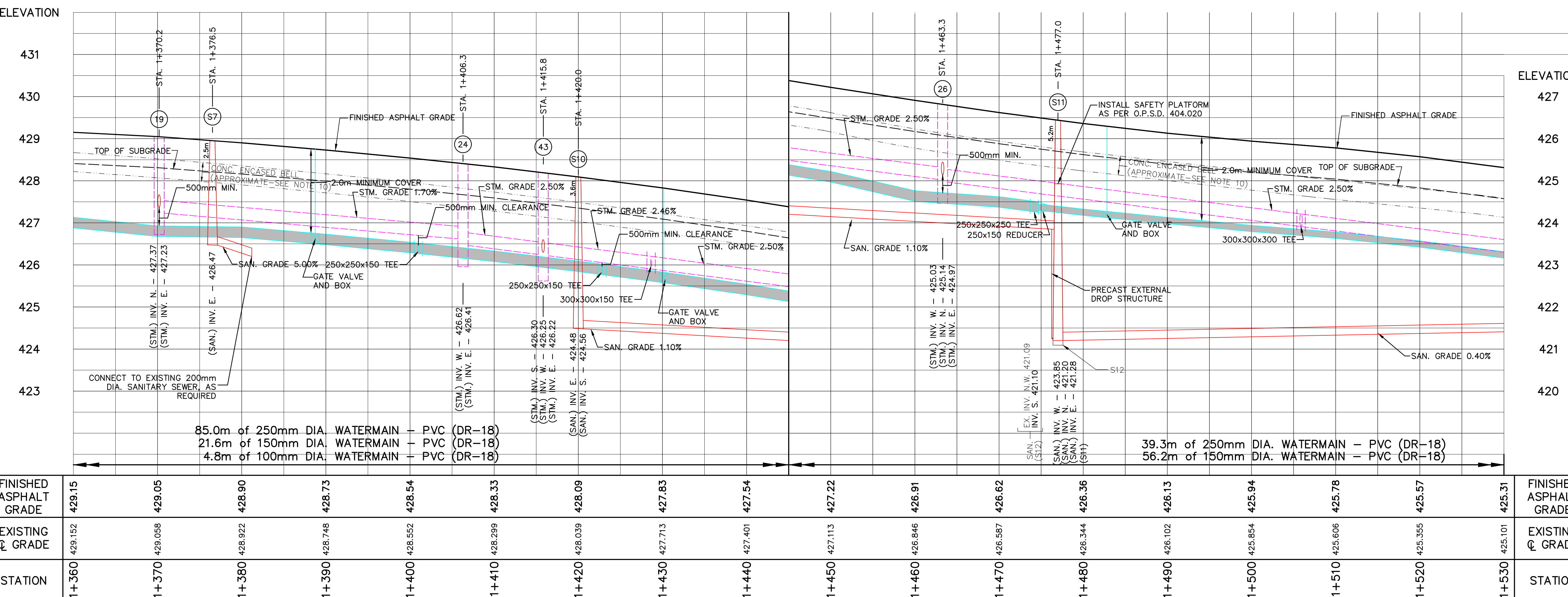
Goderich Mount Forest Sarnia



**Township of Wellington North (Mount Forest)**  
**Queen Street East Reconstruction (Highway 89 Connecting Link)**  
Plan and Profile from Sta. 1+360 to Sta. 1+530 (New Construction)

**Contract No. 18197**

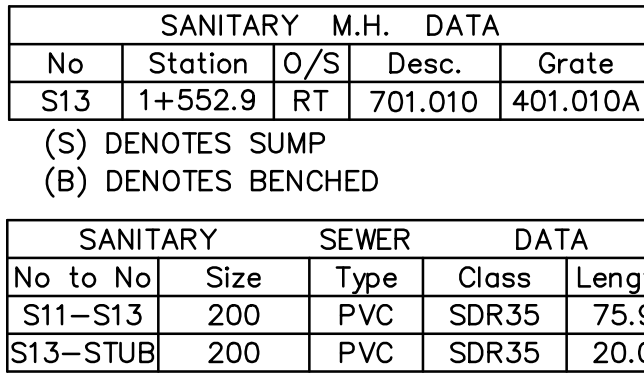
Scale (24x36)  
Horizontal : 1:250  
Vertical : 1:50  
**Drawing No. 3 of 7**



FINISHED ASPHALT GRADE	429.15	429.05	428.90	428.73	428.54	428.33	428.09	427.83	427.54	427.22	426.91	426.62	426.36	426.13	425.94	425.78	425.57	425.31	FINISHED ASPHALT GRADE
EXISTING G. GRADE	429.152	429.058	428.922	428.748	428.552	428.299	428.039	427.713	427.401	427.113	426.846	426.587	426.344	426.102	425.854	425.606	425.355	425.101	EXISTING G. GRADE
STATION	1+360	1+370	1+380	1+390	1+400	1+410	1+420	1+430	1+440	1+450	1+460	1+470	1+480	1+490	1+500	1+510	1+520	1+530	STATION

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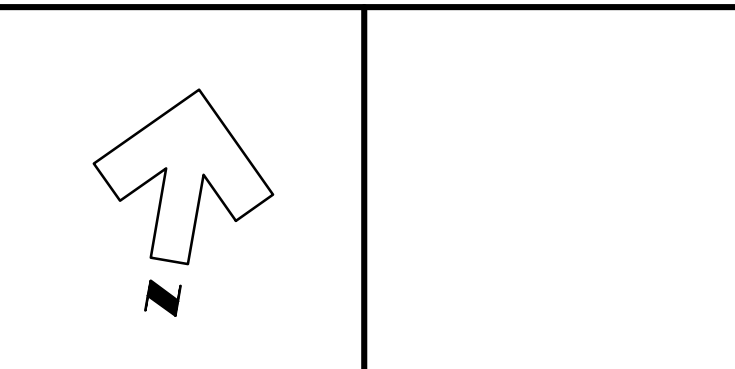
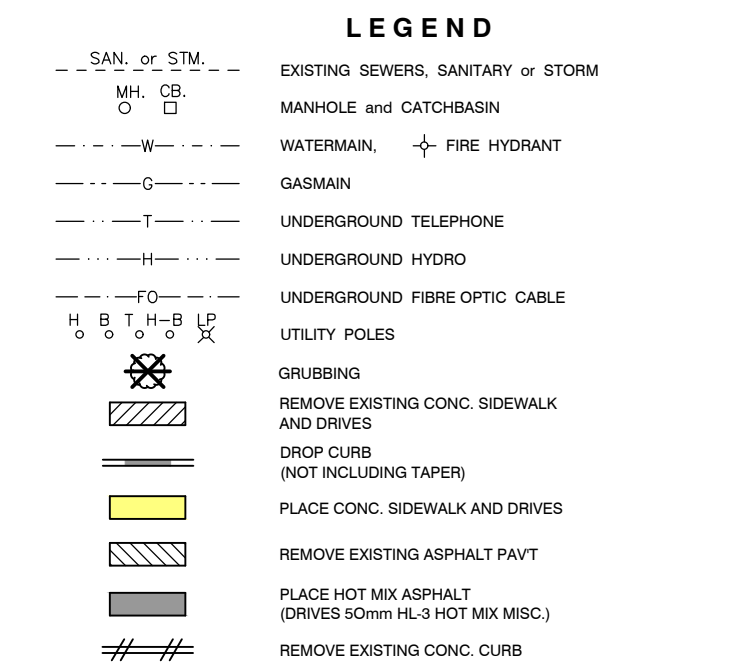
STORM M.H. & C.B. DATA				
No	Station	O/S	Desc.	Grate
30	1+538.3	RT	701.010	400.110
31	1+538.3	LT	705.010	401.010
34	1+557.1	RT	701.010	401.010B
35	1+557.1	RT	701.010	400.110
36	1+548.6	RT	705.010	400.110
37	1+566.9	RT	701.010	400.110
38	1+566.9	LT	705.010	400.110

(S) DENOTES SUMP  
(B) DENOTES BENCHD

STORM		SEWER		DATA	
No	No	Size	Type	Class	Length
26	– 30	300	HDPE	CSA B182.8	75.0
30	– 31	300	HDPE	CSA B182.8	8.5
30	– 34	375	HDPE	CSA B182.8	18.8
36	– 35	300	HDPE	CSA B182.8	8.5
35	– 34	300	HDPE	CSA B182.8	10.1
34	– 37	375	HDPE	CSA B182.8	9.8
37	– 38	300	HDPE	CSA B182.8	8.0
EX	– 30	150	HDPE	CSA B182.8	6.8
49	– 50	300	HDPE	CSA B182.8	7.7

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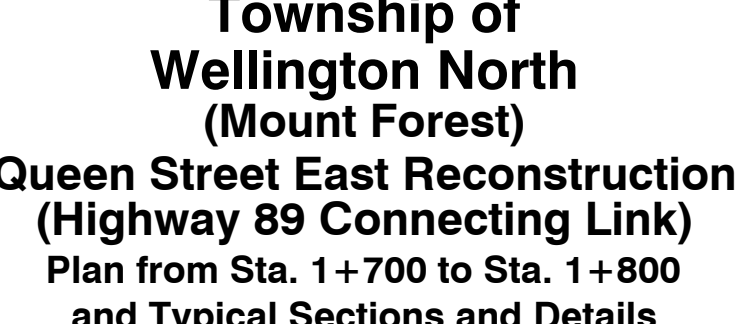




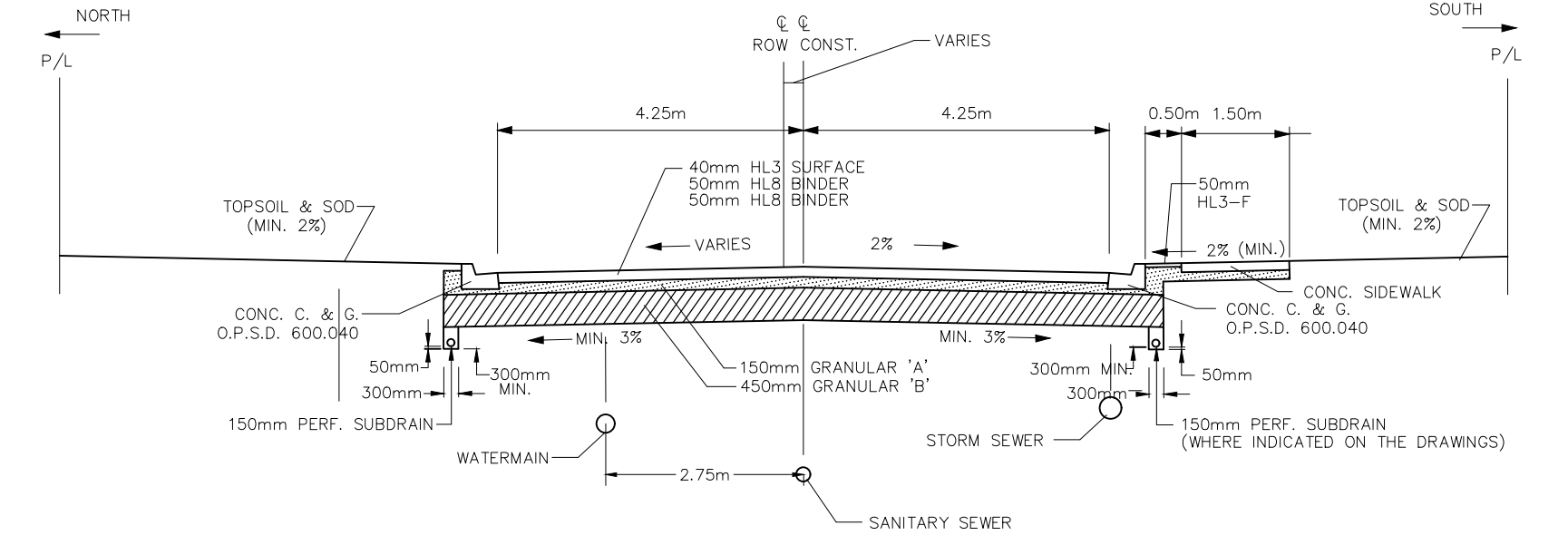
**BENCHMARK INFORMATION**  
BM Elev. 422.381  
Nail and Flag in South face of HP on North side of  
Queen Street, 70m East of York Street

Design By: J.A.V.                      Checked By: F.C.V.

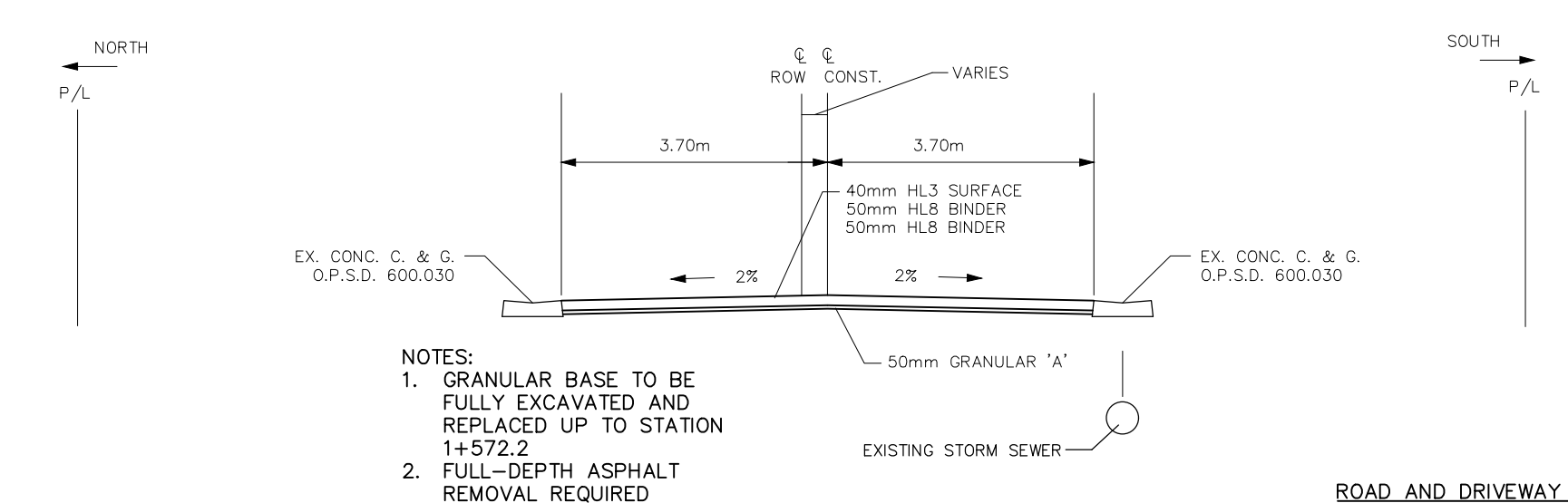
NO.	DATE	REVISION
2.	Aug. 31, 2021	Issued to Client for approval (Draft Design)
3.	Jan. 18, 2022	Issued to Client for review (Design)
4.	Feb. 9, 2022	Issued for Tender
5.	Feb. 14, 2022	Issued for SVCA Permit
8.	Mar. 23, 2022	Issued for Public Information



Scale (24x36)	Drawing No.
AS SHOWN	5 of 7



TYPICAL SECTION  
QUEEN STREET EAST  
ALBERT STREET TO YORK STREET  
N.T.S.



TYPICAL SECTION  
QUEEN STREET EAST  
YORK STREET TO EAST  
N.T.S.

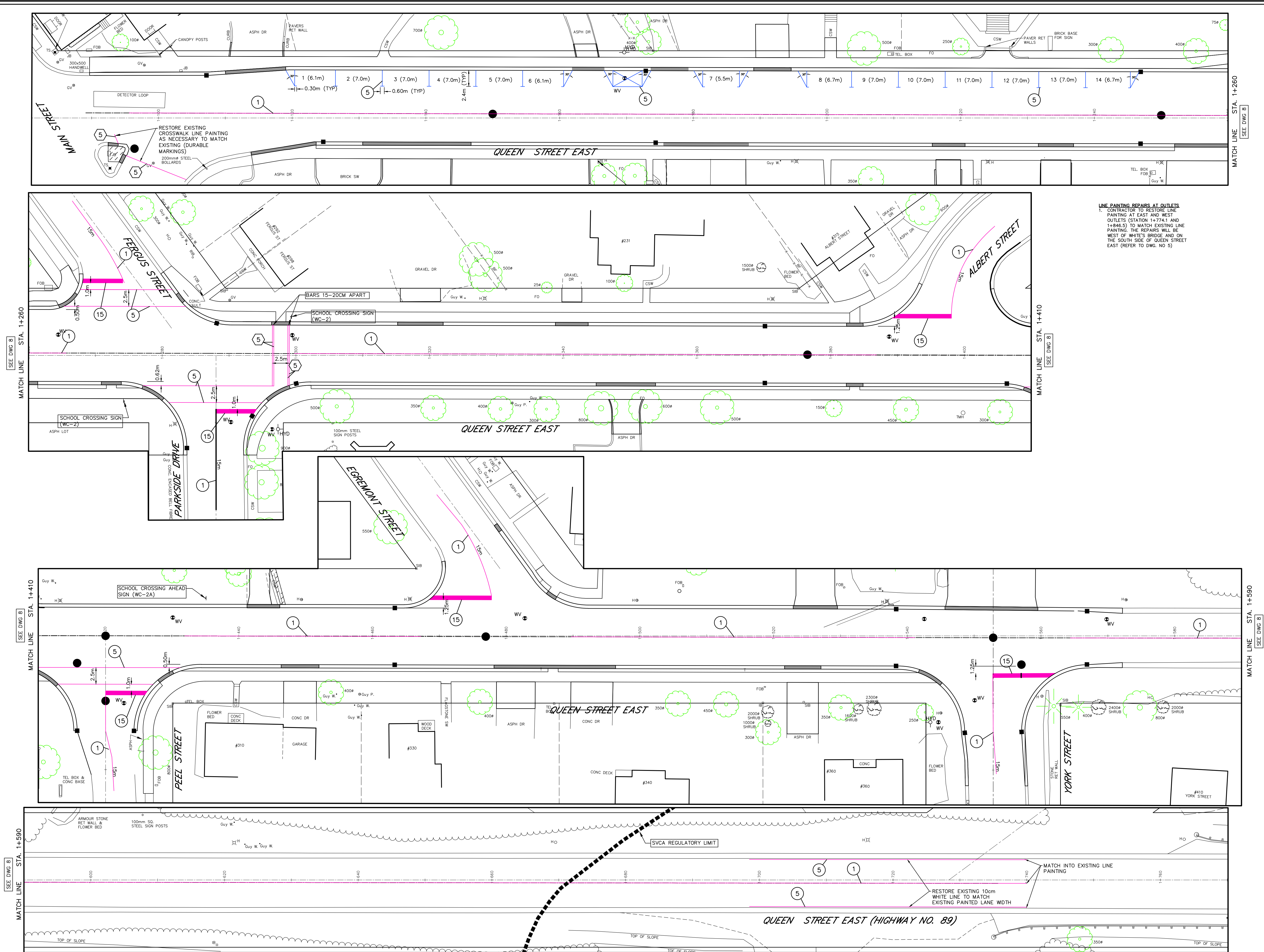
- ROAD AND DRIVEWAY NOTES:**
1. DRIVEWAY SLOPES 2% TO 6% WHERE APPROVED BY CONTRACT ADMINISTRATOR, DRIVEWAY SLOPES UP TO 8% WILL BE PERMITTED.
  2. WHERE LOT GRADES ARE LOWER THAN THE STREET, THE FIRST 1.5m ± OF THE DRIVEWAY SHALL SLOPE AT A MINIMUM 4% TOWARDS THE STREET OR AS OTHERWISE APPROVED BY THE CONTRACT ADMINISTRATOR.
  3. THE CENTRELINE OF CONSTRUCTION VARIES IN RELATION TO THE CENTRELINE OF THE RIGHT-OF-WAY.
  4. SEWER AND WATERMAIN LOCATION VARIES - SEE THE PLAN VIEWS.
  5. DROP CURB EXTENTS AS SHOWN ON DRAWINGS DOES NOT INCLUDE TAPER.

QUEEN STREET CROSSFALL CHART			
STATION	LEFT PARKING LANE	LEFT CROSSFALL	RIGHT CROSSFALL
MAIN TO 1+120	+2.0%	+2.0%	-2.0%
1+130 TO 1+180	+3.0%	+2.0%	-2.0%
1+190 TO 1+195	+2.0%	+2.0%	-2.0%
1+205 TO 1+245	+3.0%	+2.0%	-2.0%
1+255 TO 1+260	+3.0%	+2.0%	-3.0%
1+270 TO 1+275	--	+2.0%	-3.0%
1+280	--	+2.0%	-2.0%
1+295 TO 1+370	--	+3.0%	-2.0%
1+380 TO 1+485	--	+2.0%	-2.0%
1+495 TO 1+550	--	+3.0%	-2.0%
1+560 TO 1+740	--	+2.0%	-2.0%

SIDEWALK AND ASPHALT BOULEVARD CROSSFALL CHART			
STREET	STATION	BOULEVARD	SIDEWALK
NORTH SIDE			
QUEEN	MAIN TO 1+185	---	2%
QUEEN	1+190 TO 1+195	---	4%
QUEEN	1+200 TO FERGUS	---	2%
QUEEN	1+200 TO FERGUS	2%	2%
QUEEN	ALBERT TO 1+740	---	---
SOUTH SIDE			
QUEEN	MAIN TO 1+120	2%	2%
QUEEN	1+120 TO 1+135	6%	4%
QUEEN	1+135 TO 1+295	2%	2%
QUEEN	1+300 TO 1+340	6%	2%
QUEEN	1+345 TO 1+354	6%	4%
QUEEN	1+360 TO 1+405	6%	2%
QUEEN	1+410 TO 1+430	2%	2%
QUEEN	1+435 TO 1+441	6%	2%
QUEEN	1+446 TO 1+452	6%	4%
QUEEN	1+457 TO 1+473	6%	2%
QUEEN	1+478 TO 1+497	6%	4%
QUEEN	1+502 TO 1+516	6%	2%
QUEEN	1+521 TO 1+527	6%	4%
QUEEN	1+532 TO YORK	6%	2%
QUEEN	YORK TO 1+740	---	---

NOTE: SIDEWALK AND BOULEVARD CROSSFALL FOR ALL OTHER STATIONS 2% TO 4% AND 2% TO 6%, RESPECTIVELY, AS REQUIRED TO MATCH FINISHED GRADES.



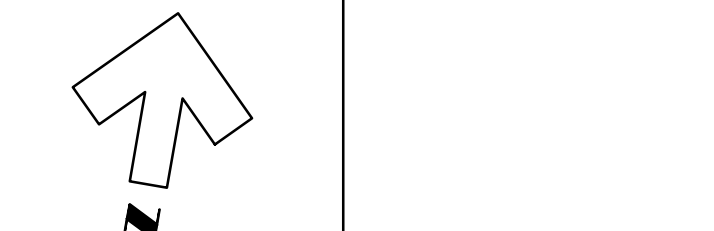


**LINE PAINTING REPAIRS AT OUTLETS**  
1. CONTRACTOR TO RESTORE LINE PAINTING AT EAST AND WEST OUTLETS (STATION 1+774.1 AND 1+846.5) TO MATCH EXISTING LINE PAINTING. THE REPAIRS WILL BE WEST OF WHITE'S BRIDGE AND ON THE SOUTH SIDE OF QUEEN STREET EAST (REFER TO DWG. NO. 5)

- LEGEND**
1. SOLID YELLOW, 10cm
  2. SOLID DOUBLE YELLOW, 10cm
  3. 363 BROKEN YELLOW, 10cm
  4. SOLID YELLOW, 20cm
  5. SOLID WHITE, 10cm
  6. 333 BROKEN WHITE, 10cm
  7. 363 BROKEN WHITE, 10cm
  8. 393 BROKEN WHITE, 10cm
  9. SOLID WHITE, 20cm
  10. 111 BROKEN WHITE, 20cm
  11. 333 BROKEN WHITE, 30cm
  12. 333 BROKEN WHITE, 30cm
  13. SOLID WHITE, 30cm
  14. SOLID WHITE, 45cm
  15. SOLID WHITE, 60cm
  20. SYMBOLS
- [ ] LIMITS OF MARKINGS (OR AS SHOWN)
- NOTES (LINE PAINTING DRAWING)**
1. 333, 363, 393, DENOTES PAVEMENT MARKING SPACING (e.g. 3m line, 3m gap, 3m line)
  2. USE (1) TO DENOTE PAVEMENT MARKING
  3. USE (1) TO DENOTE PAVEMENT MARKING, DURABLE
  4. LINE PAINTING AT SIDE STREETS TO CONFORM TO OTM BOOK 11 FIGURE 31.

- DROP CURB (NOT INCLUDING TAPER)
- PARKING STALLS
- PAVEMENT MARKING

1:250



Design By: J.A.V. Checked By: F.C.V.

No.	DATE	REVISION
3.	Jan. 18, 2022	Issued to Client for review (Design)
4.	Feb. 9, 2022	Issued for Tender
6.	Mar. 23, 2022	Issued for Public Information



Goderich Mount Forest Sarnia



**Township of Wellington North (Mount Forest)**  
**Queen Street East Reconstruction (Highway 89 Connecting Link)**  
**Line Painting Drawing**

Scale (24x36) 1:250	<b>Contract No.</b> 18197
	<b>Drawing No.</b> 6 of 7



(D-1) - ADVANCED NOTIFICATION

**Hwy. 89 East**  
**To be Closed** TC-64  
**Hwy. 6 to White's Bridge** TC-64  
**Starts May 2**

(D-1)

**Hwy. 89 East**  
**CLOSED** TC-64  
**Hwy. 6 to White's Bridge** TC-64  
**Hwy. 89 East Follow** **D-1** TC-10

(D-1) - ADVANCED NOTIFICATION

**Hwy. 89**  
**To be Closed** TC-64  
**Hwy. 6 to White's Bridge** TC-64  
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(D-1)

**Hwy. 89**  
**CLOSED** TC-64  
**Hwy. 6 to White's Bridge** TC-64  
**Hwy. 89 East Follow** **D-1** TC-10

All Businesses  
OPEN  
In Mount Forest  
During Construction

Size: 1200mmX2400mm  
Lettering: FHWA Em

(D-5) - ADVANCED NOTIFICATION

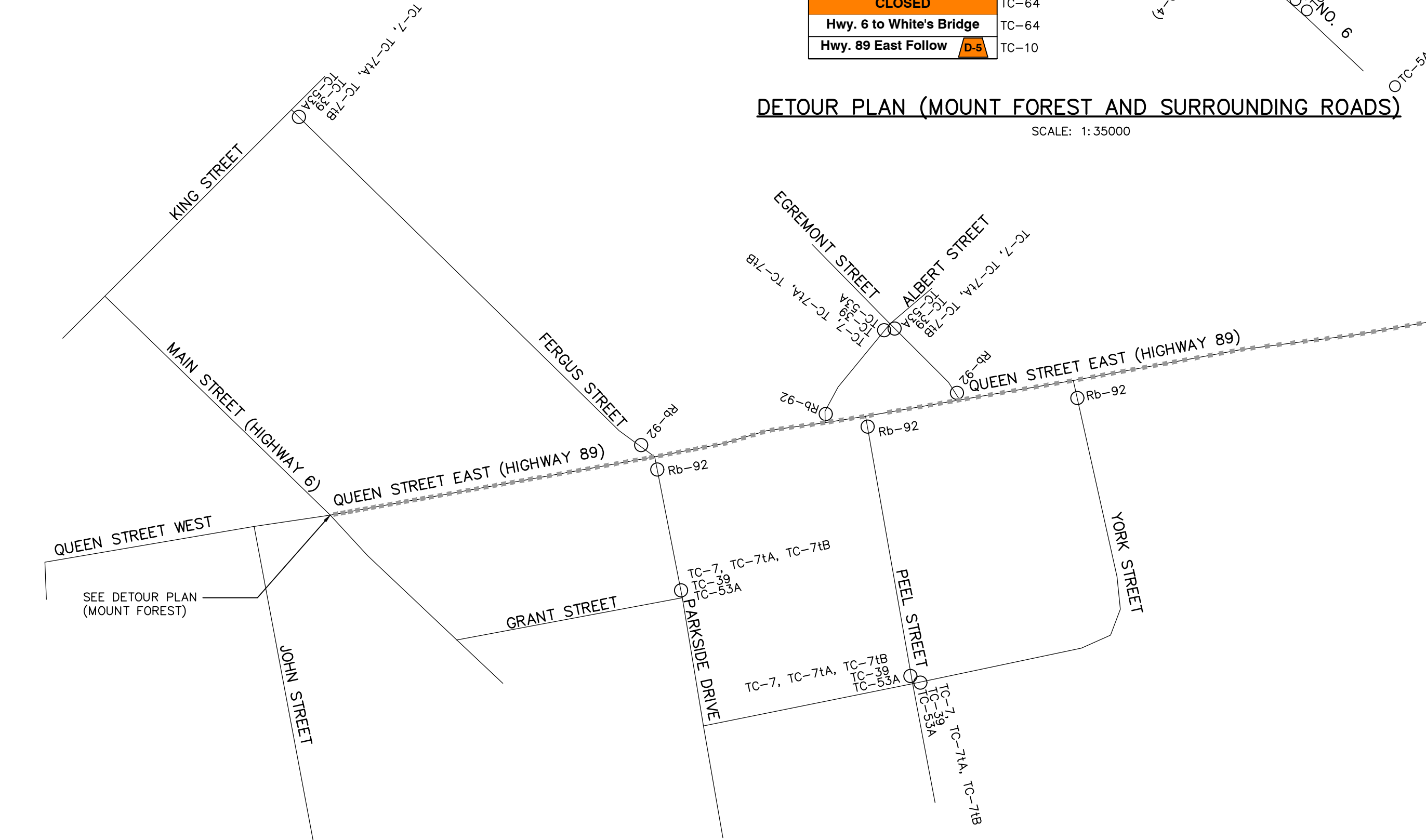
**Hwy. 89 East**  
**To be Closed** TC-64  
**Hwy. 6 to White's Bridge** TC-64  
**Starts May 2**

(D-5)

**Hwy. 89 East**  
**CLOSED** TC-64  
**Hwy. 6 to White's Bridge** TC-64  
**Hwy. 89 East Follow** **D-5** TC-10

DETOUR PLAN (MOUNT FOREST AND SURROUNDING ROADS)

SCALE: 1: 35000



(D-2)

**Hwy. 89**  
**CLOSED** TC-64  
**White's Bridge to Hwy. 6** TC-64  
**Hwy 89 West Follow** **D-2** TC-10

(D-2 D-3, D-4) - ADVANCED NOTIFICATION

**Hwy. 89**  
**To be Closed** TC-64  
**White's Bridge to Hwy. 6** TC-64  
**Starts May 2**

(D-2, D-3, D-4)

**Hwy. 89**  
**CLOSED** TC-64  
**White's Bridge to Hwy. 6** TC-64  
**Hwy 89 West Follow** **D-2** TC-10  
**Hwy 6 North Follow** **D-3** TC-10  
**Hwy 6 South Follow** **D-4** TC-10

All Businesses  
OPEN  
In Mount Forest  
During Construction

Size: 1200mmX2400mm  
Lettering: FHWA Em

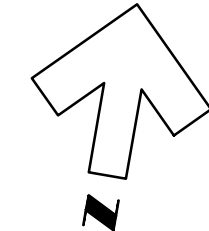
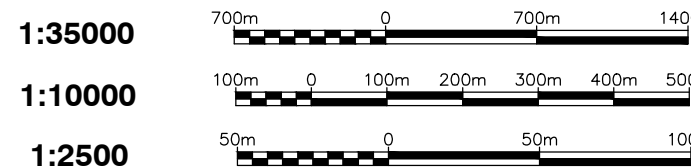
- DETOUR NOTES:
1. TWO ONTARIO BUILDS SIGNS ARE TO BE ERECTED AT EAST AND WEST ENDS OF CONSTRUCTION SITE. SIGN TEMPLATE IS INCLUDED IN THE TENDER SPECIFICATIONS.
  2. TC-73A SIGN ARE TO BE ERECTED AT EAST AND WEST ENDS OF CONSTRUCTION SITE. CONSTRUCTION LENGTH IS 0.64km. BY THE TOWNSHIP OF WELLINGTON NORTH, CONTRIBUTION BY MTO OF 90%.
  3. ADDITIONAL TC-10 DETOUR SIGNS MAY BE ORDERED BY THE CONTRACT ADMINISTRATOR AT THE TIME OF CONSTRUCTION WHERE DETERMINED TO BE NECESSARY.
  4. DETOUR TO BE ACTIVE ONLY WHEN REQUIRED BY THE CONTRACTOR WITHIN THE PERIOD OF MAY 2 TO AUGUST 31, 2022.
  5. THIS DETOUR PLAN IS INTENDED TO DEPICT DETOUR SIGNAGE REQUIREMENTS ONLY. THE CONTRACTOR IS ENTIRELY RESPONSIBLE FOR ALL TRAFFIC CONTROL AND PEDESTRIAN SAFETY, AND FOR MAINTAINING DETOUR SIGNAGE FOR THE DURATION OF CONSTRUCTION.
  6. TRAFFIC CONTROL TO BE IN ACCORDANCE WITH THE MOST CURRENT VERSION OF THE ONTARIO TRAFFIC MANUAL BOOK 7 - TEMPORARY CONDITIONS.
  7. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO DESIGN, INSTALL, AND MAINTAIN THE REQUIRED TRAFFIC CONTROL SYSTEM.
  8. LOCATION AND PLACEMENT OF TRAFFIC CONTROL SIGNS ON HIGHWAY 89 AND ON HIGHWAY 6 TO BE CO-ORDINATED BY THE CONTRACTOR WITH THE TOWNSHIP OF WELLINGTON NORTH.
  9. LOCATION AND PLACEMENT OF TRAFFIC CONTROL SIGNS ON SUGO ROAD TO BE CO-ORDINATED BY THE CONTRACTOR WITH THE COUNTY OF WELLINGTON.
  10. LOCATION AND PLACEMENT OF TRAFFIC CONTROL SIGNS ON SOUTHGATE RAODS TO BE CO-ORDINATED BY THE CONTRACTOR WITH THE TOWNSHIP OF SOUTHGATE.
  11. LOCATION AND PLACEMENT OF TRAFFIC CONTROL SIGNS ON LOCAL STREETS TO BE CO-ORDINATED BY THE CONTRACTOR WITH THE TOWNSHIP OF WELLINGTON NORTH.
  12. ADVANCE NOTIFICATION SIGNS TO BE POSTED BY THE CONTRACTOR AT LEAST ONE WEEK IN ADVANCE OF THE ACTUAL CLOSING.
  13. DISTANCE BETWEEN DETOUR SIGNS AT THE APPROACH TO THE DETOUR TO BE AS PER TABLE B OF OTM BOOK 7, AS FOLLOWS:

NORMAL POSTED REGULATORY SPEED LIMIT (KM/HR)	50	80
DISTANCE BETWEEN DETOUR APPROACH SIGNS (M)		
• TC-10B TO TC-10A	40-50	130-140
• TC-10A TO TC-67/TC-10	40-50	130-140
• TC-67/TC-10 TO TC-5		1KM*

\*AS PER PAGE 165 OF OTM BOOK 7

DETOUR SUMMARY CHART			
DETOUR NO.	DESCRIPTION	POSTED SPEED LIMIT (KM/HR)	DETOUR LENGTH (KM)
D-1	EASTBOUND HIGHWAY 89 TRAFFIC THAT KEEPS HEADING EASTBOUND ON HIGHWAY 89, AND SOUTHBOUND HIGHWAY 6 TRAFFIC THAT WILL BE HEADING EASTBOUND ON HIGHWAY 89.	50, 60, 80	9.7
D-2	WESTBOUND HIGHWAY 89 TRAFFIC THAT KEEPS HEADING WESTBOUND ON HIGHWAY 89.	50, 60, 80	9.7
D-3	WESTBOUND HIGHWAY 89 TRAFFIC THAT HEADS NORTHBOUND ON HIGHWAY 6.	50, 60, 80	8.2
D-4	WESTBOUND HIGHWAY 89 TRAFFIC THAT HEADS SOUTHBOUND ON HIGHWAY 6.	80	7.5
D-5	NORTHBOUND HIGHWAY 6 TRAFFIC THAT WILL BE HEADING EASTBOUND ON HIGHWAY 89.	80	7.5
*****	ROAD CLOSED		

LEGEND	
	SIGN POST
	BARRICADE
	CONSTRUCTION AHEAD SIGN
	CONSTRUCTION AHEAD SIGN 1 KM
	ROAD WORK (SHORT & LONG DURATION)
	LANE CLOSURE ARROW SIGN
	DETOUR SIGN
	DETOUR - TURN OFF/DIVERSION SIGN
	ROAD CLOSED TAB SIGN
	LOCAL TRAFFIC ONLY TAB SIGN
	DETOUR DESIGNATION SIGN
	DETOUR MARKER - 90° LEFT TURN APPROACHING
	DETOUR MARKER - 90° RIGHT TURN APPROACHING
	DETOUR MARKER - 90° LEFT TURN
	DETOUR MARKER - 90° RIGHT TURN
	DETOUR MARKER - STRAIGHT AHEAD
	DETOUR MARKER - DETOUR ENDS
	DETOUR MARKER - 45° LEFT TURN APPROACHING
	DETOUR MARKER - 45° RIGHT TURN APPROACHING
	DETOUR MARKER - 45° LEFT TURN
	DETOUR MARKER - 45° RIGHT TURN
	BUMP AHEAD TC-15 BUMP
	TRAFFIC CONTROL PERSON AHEAD SIGN
	NO EXIT SIGN
	SIDEWALK CLOSED TAB
	SMALL BARRICADE
	STREET SECTION CLOSED SIGN
	CONTRACT IDENTIFICATION (CONNECTING LINK)
	NO PASSING SIGN
	ROAD CLOSED SIGN
	DETOUR ROUTE



Design By: J.A.V. Checked By: F.C.V.

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3.	Jan. 18, 2022	Issued to Client for Review (Design)
4.	Feb. 9, 2022	Issued for Tender
5.	Feb. 14, 2022	Issued for Permits
6.	Mar. 3, 2022	Issued for Tender (Addendum No. 2)
7.	Mar. 16, 2022	Issued for Permits (Revised)
8.	Mar. 23, 2022	Issued for Public Information



Goderich Mount Forest Sarnia



**Township of Wellington North**  
**(Mount Forest)**  
**Queen Street East Reconstruction**  
**(Highway 89 Connecting Link)**  
**Detour Plan**

Scale (24x36) AS SHOWN	<b>Contract No.</b> <b>18197</b>
	<b>Drawing No.</b> <b>7 of 7</b>