

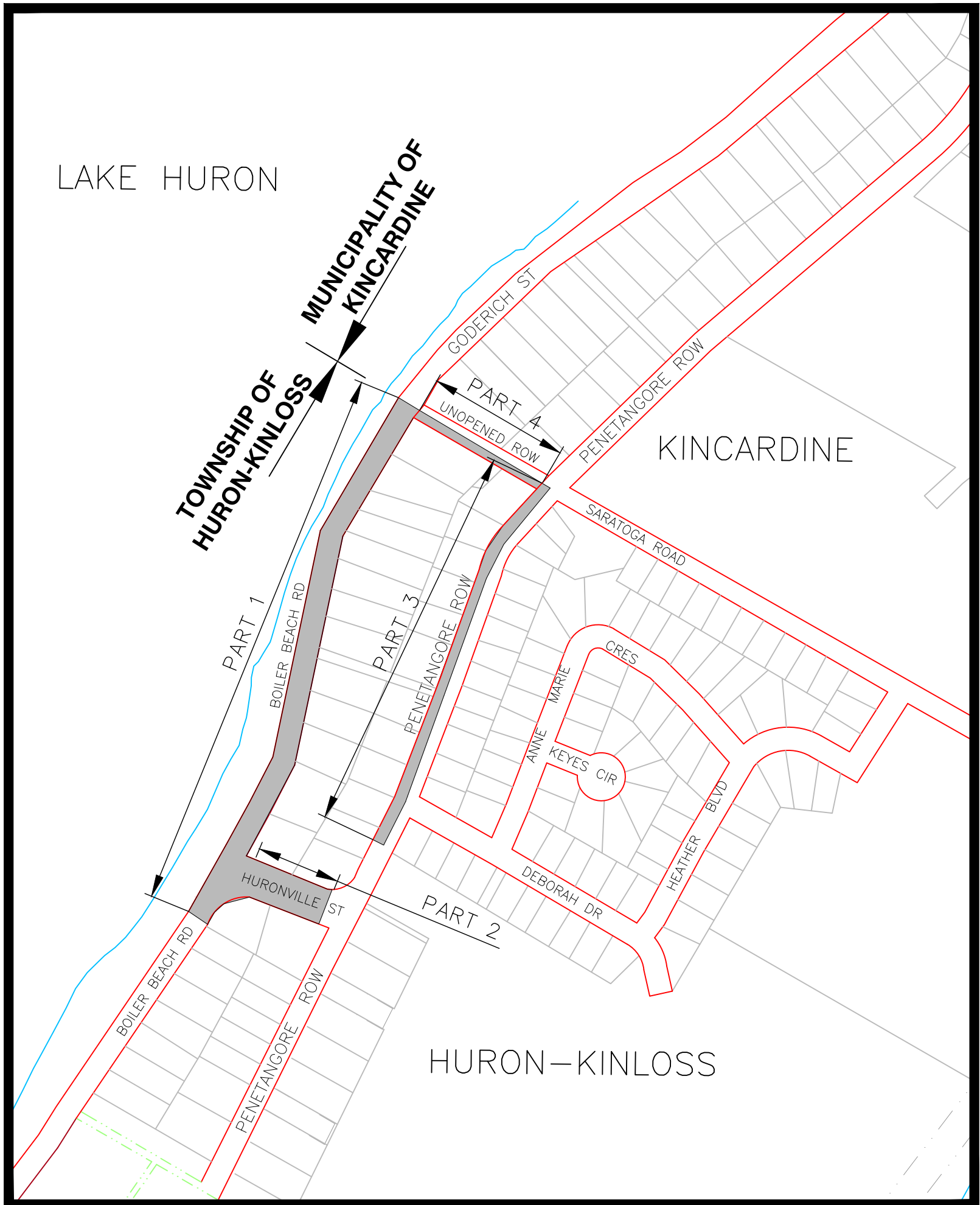
TOWNSHIP OF HUON-KINLOSS

BOILER BEACH & PENETANGORE

WATERMAINS

CONTRACT No. 17239

DWG #s	PART #	DESCRIPTION
1-4	1	BOILER BEACH ROAD
5	2	HURONVILLE ROAD
6-8	3	PENETANGORE ROW
9	4	SARATOGA ROAD (UNOPENED ROW)



KEY PLAN

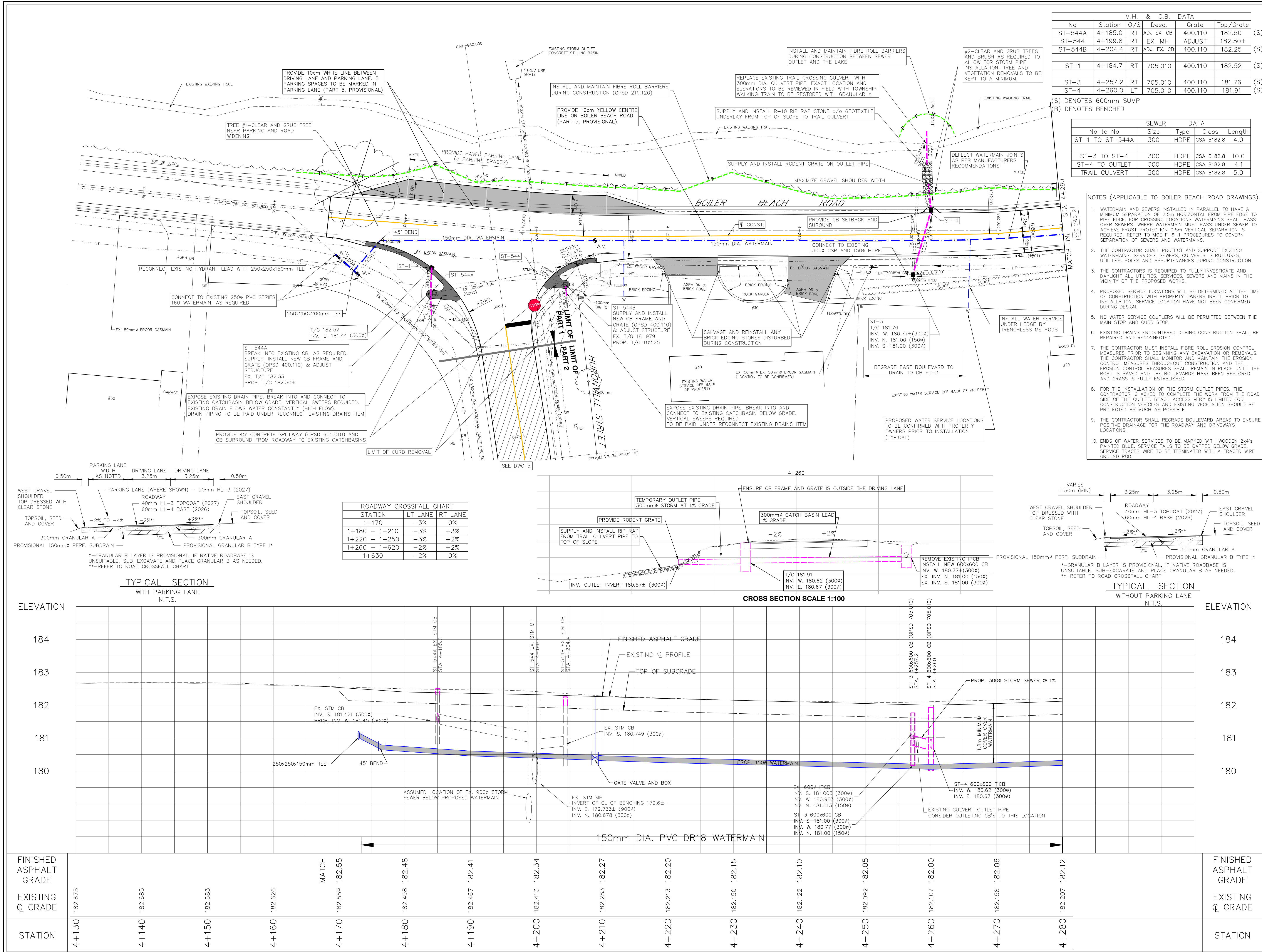
N.T.S.



MARCH 3, 2026
ISSUED FOR TENDER



BMROSS
engineering better communities



LEGEND

- SAN. or STM. M.H. CB. — EXISTING SEWERS, SANITARY or STORM MANHOLE and CATCHBASIN
- W — WATERMAIN, — FIRE HYDRANT
- G — GASMAIN
- HT — UNDERGROUND HURONTTEL
- T — UNDERGROUND TELEPHONE
- H — UNDERGROUND HYDRO
- TV — UNDERGROUND T.V. CABLE
- U — UTILITY POLES
- GRUBBING — REMOVE AND PLACE CONC. SIDEWALK AND DRIVES
- — REMOVE EXISTING ASPHALT PAVT
- — PLACE HOT MIX ASPHALT (DRIVES 50mm HL-3 HOT MIX MISC.)
- — DROP CURBS
- — REMOVE EXISTING CONC. CURB
- — LIGHT DUTY FIBRE ROLL BARRIER (OPSD 219.120)

1:250

1:50

CONSTRUCTION NORTH

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 agrees 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

BENCHMARK INFORMATION

BM Elev. 190.489
Nail and flag in north face of HP at the south side of Huronville Street, near Sta. 1+065, across from house #36 Penetangore ROW.

Design By: R.R.R. Checked By: K.D.L.

CELEBRATING 75 YEARS 1951-2026

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Goderich Kincardine Mount Forest Sarnia

Huron-Kinloss

Township of Huron-Kinloss

Boiler Beach Road Reconstruction

Plan and Profile from Sta. 4+130 to Sta. 4+280

Contract No. 17239

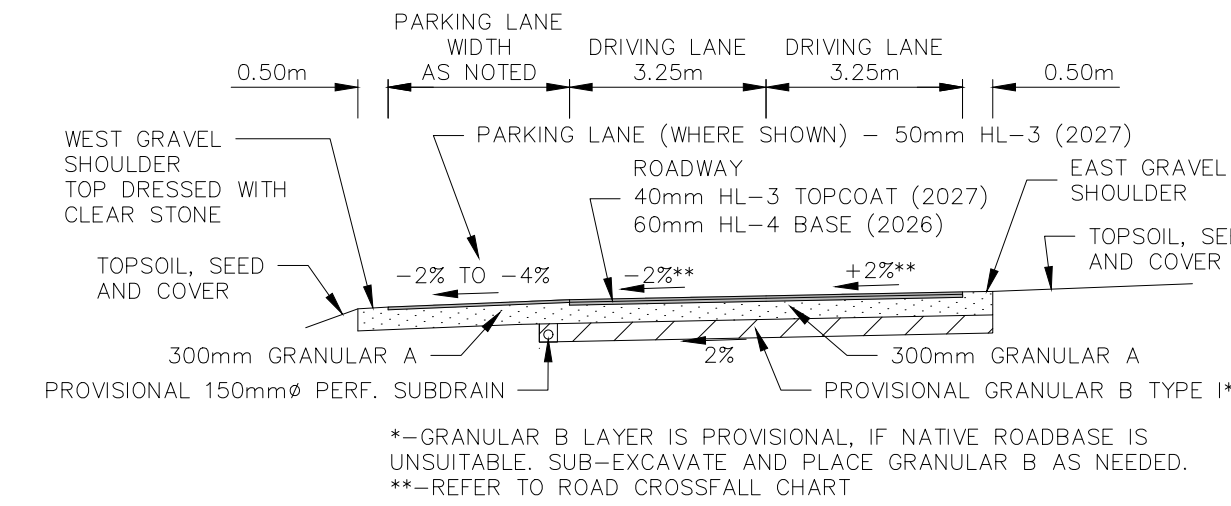
Project No. 17239

Scale (24x36)

Horizontal : 1 : 250

Vertical : 1 : 50

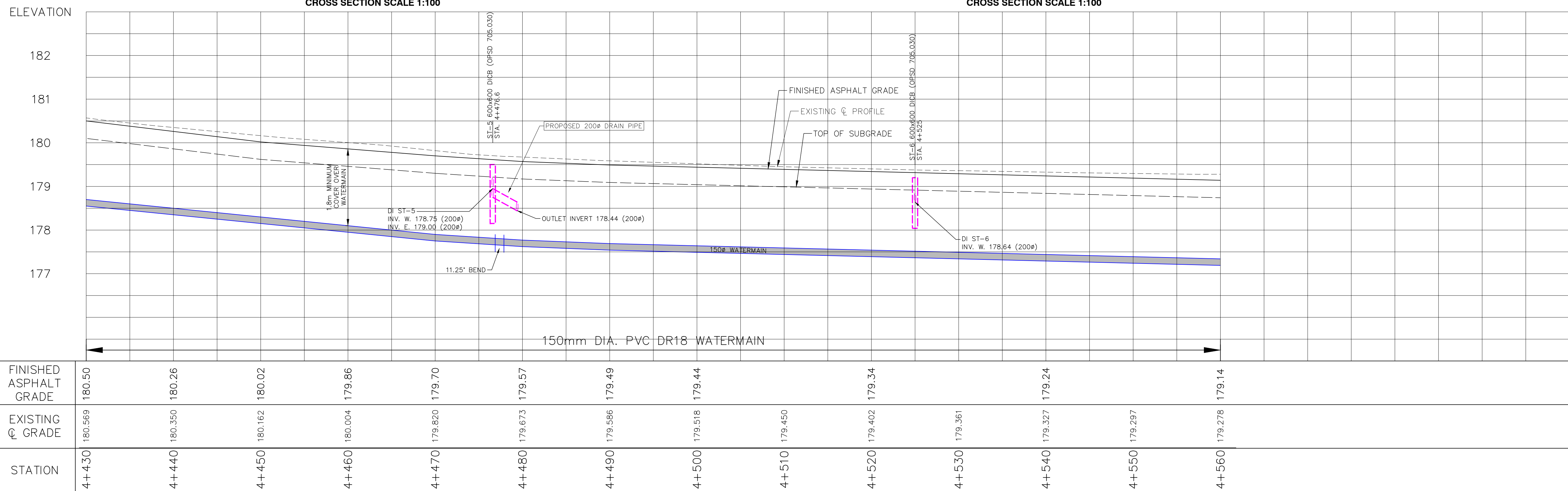
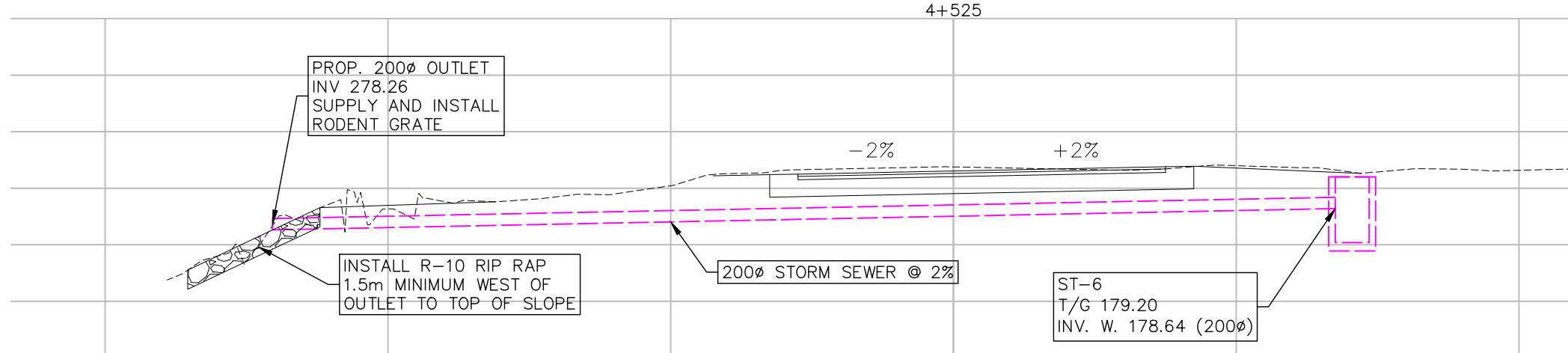
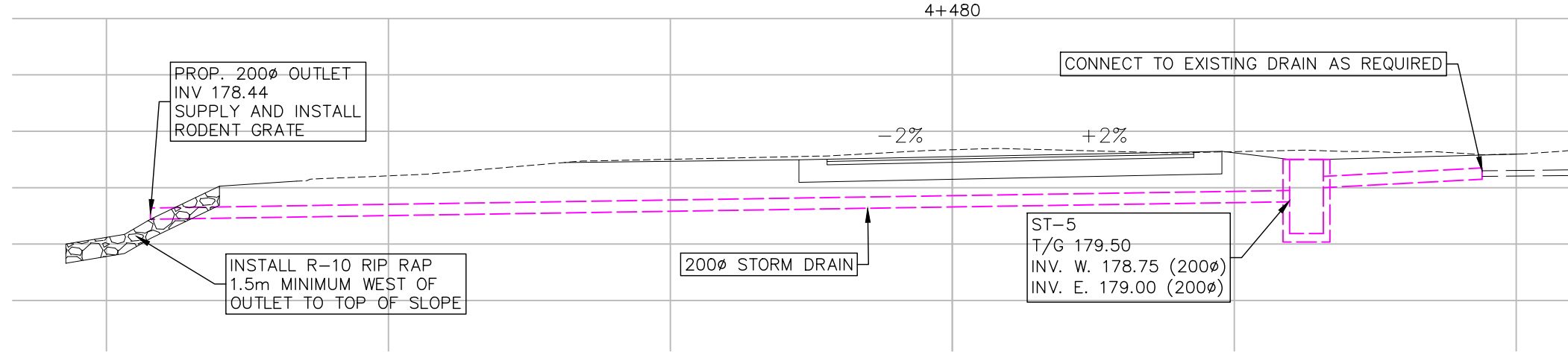
Drawing No. 1 of 9



ROADWAY CROSSFALL CHART		
STATION	LT LANE	RT LANE
1+170	-3%	0%
1+180 - 1+210	-3%	+3%
1+220 - 1+250	-3%	+2%
1+260 - 1+620	-2%	+2%
1+630	-2%	0%

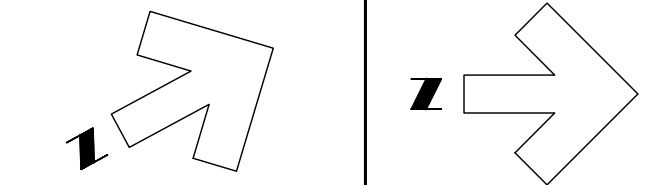
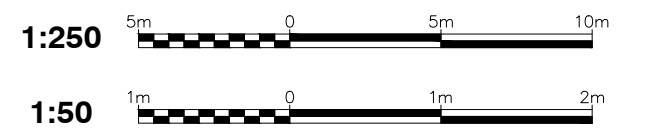
M.H. & C.B. DATA					
No	Station	O/S	Desc.	Grate	Top/Grate
ST-5	4+476.6	RT	705.030	403.010	179.50
ST-6	4+525.0	RT	705.030	403.010	179.20

SEWER		DATA		
No to No	Size	Type	Class	Length
ST-5 TO OUTLET	200	HDPE	CSA B182.8	20.5
ST-5 TO DRAIN	200	HDPE	CSA B182.8	3.0
ST-6 TO OUTLET	200	HDPE	CSA B182.6	18.5



LEGEND

	EXISTING SEWERS, SANITARY or STORM
	MANHOLE AND CATCHBASIN
	WATERMAIN,  FIRE HYDRANT
	GASMAIN
	UNDERGROUND HURONTEL
	UNDERGROUND TELEPHONE
	UNDERGROUND HYDRO
	UNDERGROUND T.V. CABLE
	UTILITY POLES
	CURBING
	REMOVE AND PLACE CONC. SIDEWALK AND DRIVES
	REMOVE EXISTING ASPHALT PAVT
	PLACE HOT MIX ASPHALT (DRIVES 50mm HL-3 HOT MIX MISC.)
	REMOVE EXISTING CONC. CURB
	LIGHT DUTY FIBRE ROLL BARRIER (CPSD 215, 120)



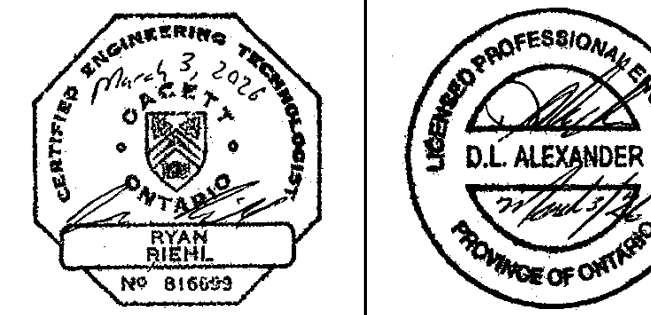
NOTE

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BENCHMARK INFORMATION
BM Elev. 179.731m
Nail and flag in HP on east side of Goderich Street, north
of the #7 Sewage Pumping Station.

BENCHMARK INFORMATION

Design By: R.R.R. Checked By: K.D



No.	DATE	REVISION
1	July 25, 2024	Preliminary Design
2	Aug. 15, 2025	Updated for Client Review
3	Feb. 10, 2026	Issued for Approval
4	Mar. 3, 2026	Issued for Tender

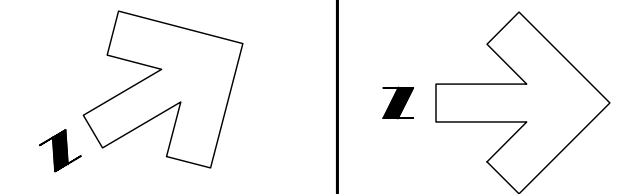
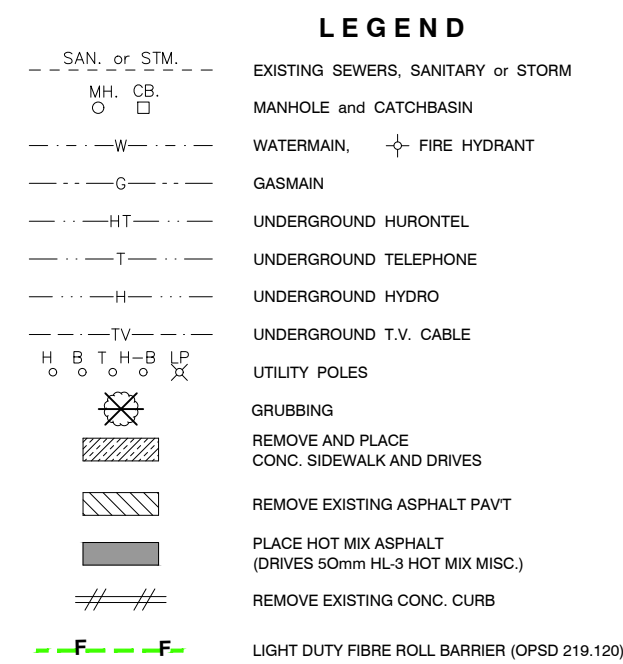


Goderich	Kincardine	Mount Forest	Sarnia
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**Township of
Huron-Kinloss
Boiler Beach Road
Reconstruction
Plan and Profile from
Sta. 4+430 to Sta. 4+560**

Contract No. 17239	Project No. 17239
Scale (24x36) Horizontal : 1 : 250 Vertical : 1 : 50	Drawing No. 3 of 9



CONSTRUCTION NORTH

NOTE

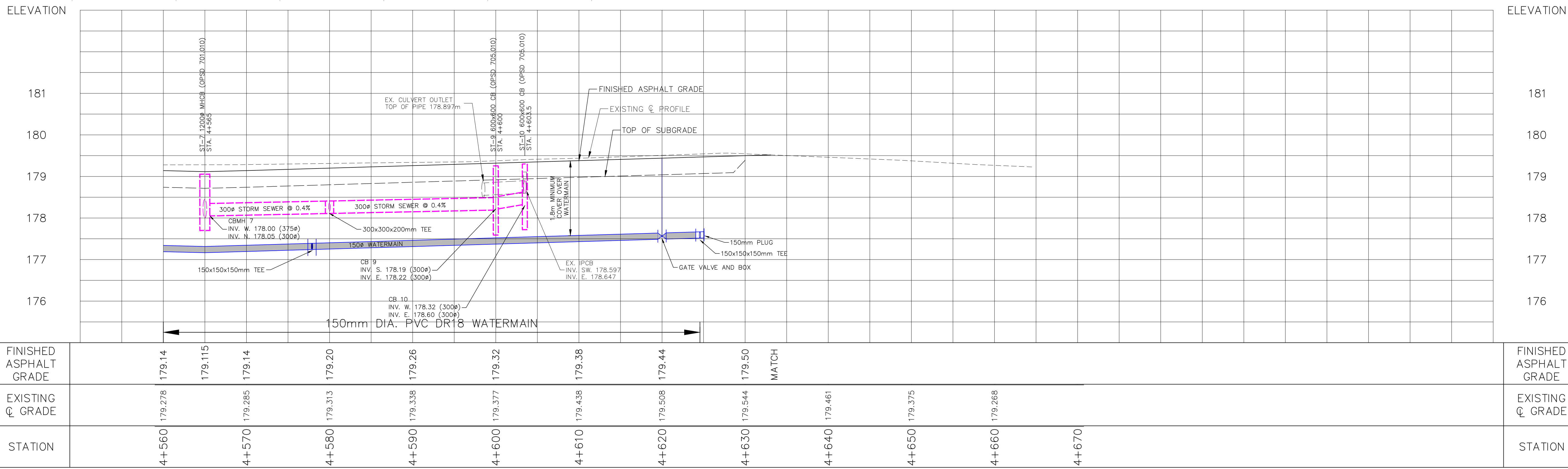
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BENCHMARK INFORMATION

BM Elev. 179.731m
Nail and flag in HP on east side of Goderich Street, north
of the #7 Sewage Pumping Station.

BENCHMARK INFORMATION

ROADWAY CROSSFALL CHART		
STATION	LT LANE	RT LANE
1+170	-3%	0%
1+180 - 1+210	-3%	+3%
1+220 - 1+250	-3%	+2%
1+260 - 1+620	-2%	+2%
1+630	-2%	0%



Goderich	Kincardine	Mount Forest	Sarnia
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**Township of
Huron-Kinloss**

Boiler Beach Road Reconstruction

Plan and Profile from Sta. 4+560 to Sta. 4+660

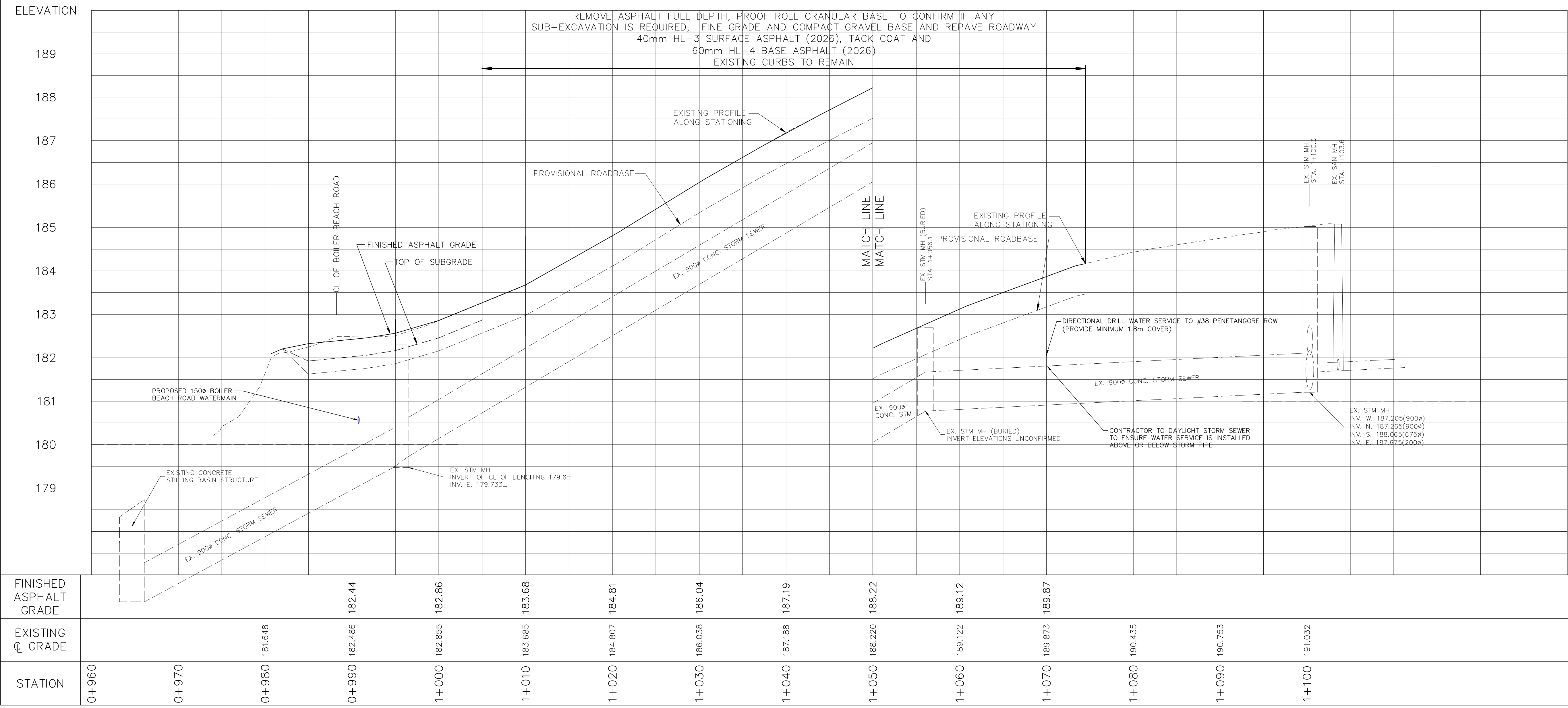
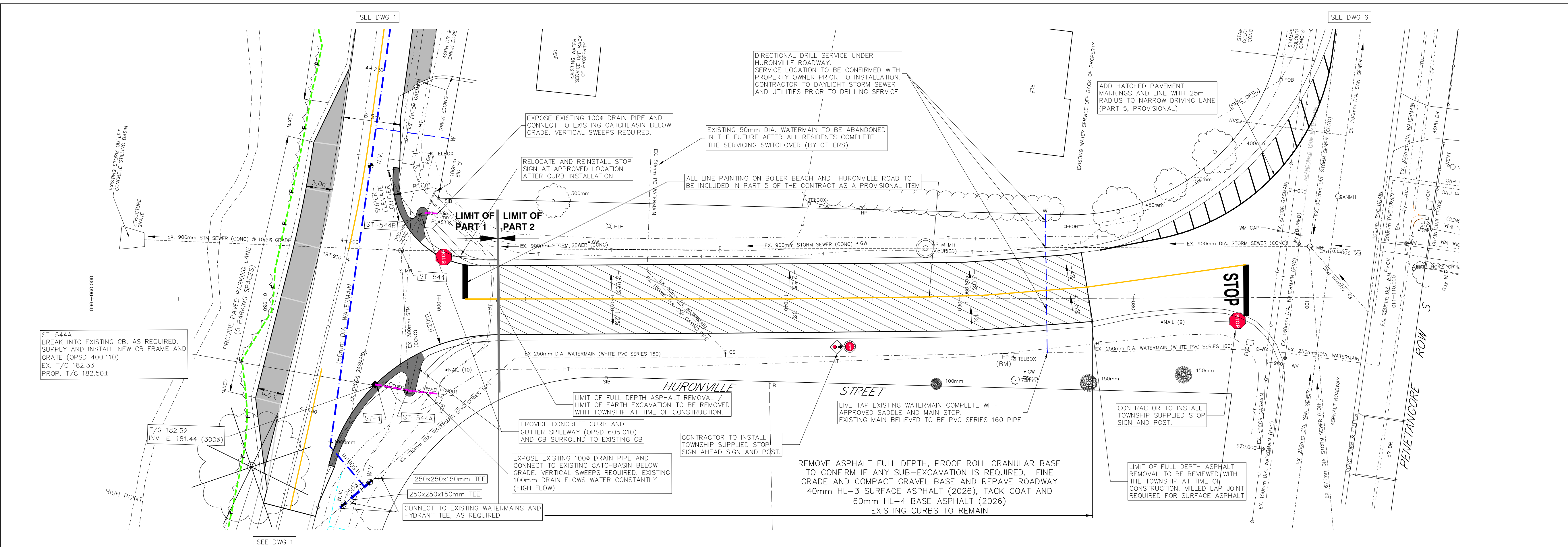
Contract No
17239

Project No.
17239

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

Drawing No.
4 of 9

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ELEVATION

189
188
187
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180
179

189
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186
185
184

FINISHED ASPHALT GRADE

EXISTING Q. GRADE

STATION

0+960
0+970
0+980
0+990
1+000
1+010
1+020
1+030
1+040
1+050
1+060
1+070
1+080
1+090
1+100

FINISHED ASPHALT GRADE

EXISTING Q. GRADE

STATION

0+960
0+970
0+980
0+990
1+000
1+010
1+020
1+030
1+040
1+050
1+060
1+070
1+080
1+090
1+100

LEGEND

- SAN. or STM. MH. CB.
- EXISTING SEWERS, SANITARY or STORM MANHOLE and CATCHBASIN
- WATERMAIN
- GASMAIN
- UNDERGROUND HURONTEL
- UNDERGROUND TELEPHONE
- UNDERGROUND HYDRO
- UNDERGROUND T.V. CABLE
- UTILITY POLES
- GRUBBING
- REMOVE EXISTING CONC. SIDEWALK AND DRIVES
- REMOVE AND PLACE CONC. SIDEWALK AND DRIVES
- PLACE CONC. SIDEWALK AND DRIVES
- REMOVE EXISTING ASPHALT PAVT
- PLACE HOT MIX ASPHALT (CRIVES 50mm HL-3 HOT MIX MISC.)
- REMOVE EXISTING CONC. CURB

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 agrees 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. 190.489
Nail and flag in north face of HP at the south side of Huronville Street, near Sta. 1+065, across from house #36 Penetangore ROW.

BENCHMARK INFORMATION

Design By: R.R.R. Checked By: K.D.L.

CELEBRATING 75 YEARS 1951-2026

BMROSS
engineering better communities

Huron-Kinloss

Township of Huron-Kinloss

Huronville Street

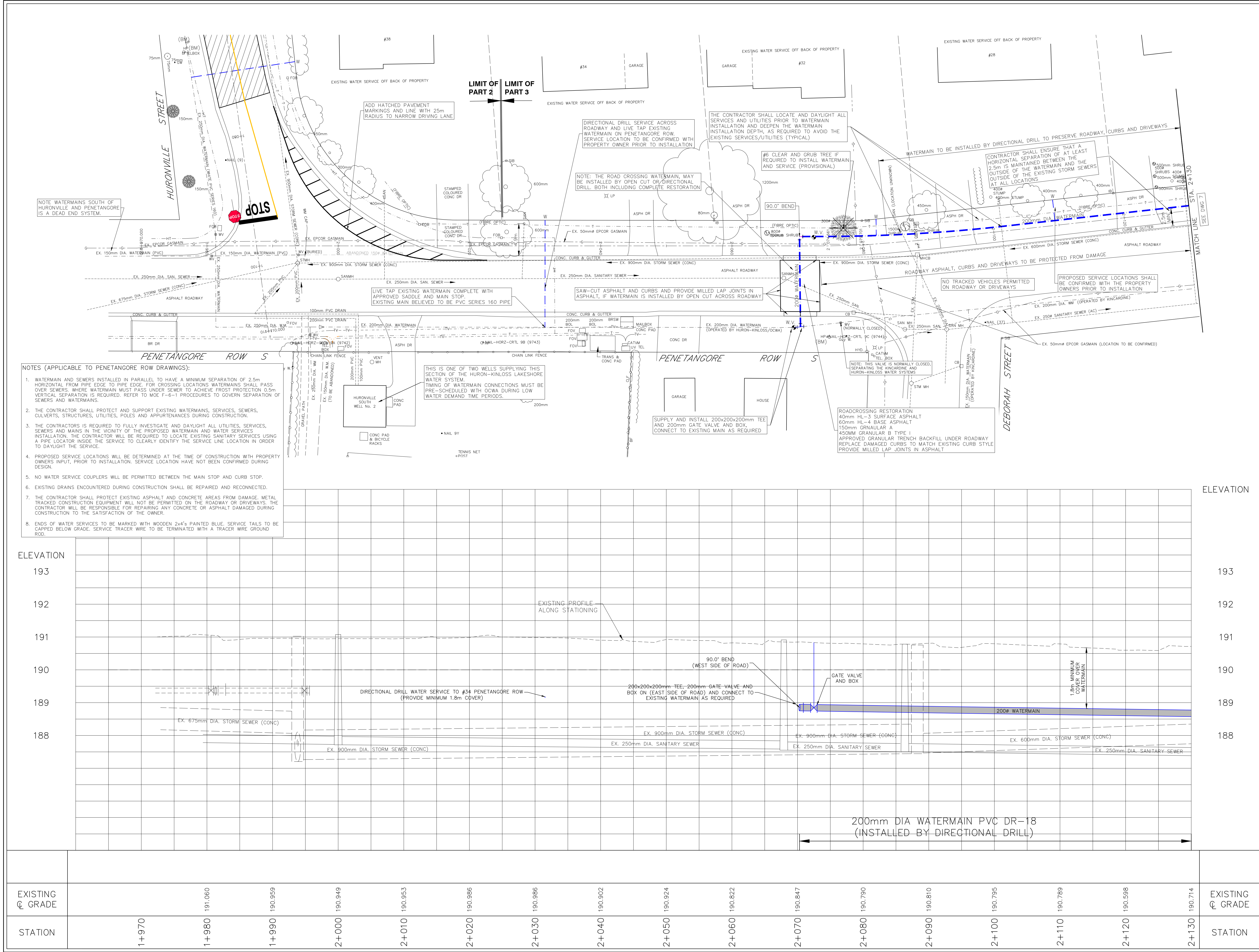
Plan and Profile from Boiler Brach Rd to Penetangore ROW

Contract No. 17239

Project No. 17239

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

Drawing No. 5 of 9



LEGEND

SAN. or STM. MH. CB. MANHOLE and CATCHBASIN

W. WATERMAIN, FIRE HYDRANT

G. GASMAIN

HT. UNDERGROUND HYDROTEL

T. UNDERGROUND TELEPHONE

HT. UNDERGROUND HYDRO

TV. UNDERGROUND T.V. CABLE

UT. UTILITY POLES

GRUBBING REMOVE EXISTING CONC. SIDEWALK AND DRIVES

REMOVE AND PLACE CONC. SIDEWALK AND DRIVES

PLACE CONC. SIDEWALK AND DRIVES

REMOVE EXISTING ASPHALT PAVT

PLACE HOT MIX ASPHALT (DRIVES 200mm HL-HOT MIX MISC.)

REMOVE EXISTING CONC. CURB

NOTE

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BENCHMARK INFORMATION

BM Elev. 191.170
Nail and flag in west face of HP at the southeast corner of Penetangore ROW and Deborah Street

BENCHMARK INFORMATION

BM Elev. 190.489
Nail and flag in north face of HP at the south side of Huronville Street, near Sta. 1+065, across from house #36 Penetangore ROW.

Design By: R.R.R. Checked By: K.D.L.

CELEBRATING 75 YEARS 1951-2025

BMROSS
engineering better communities

No.	DATE	REVISION
1	July 25, 2024	Preliminary Design
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Huron-Kinloss

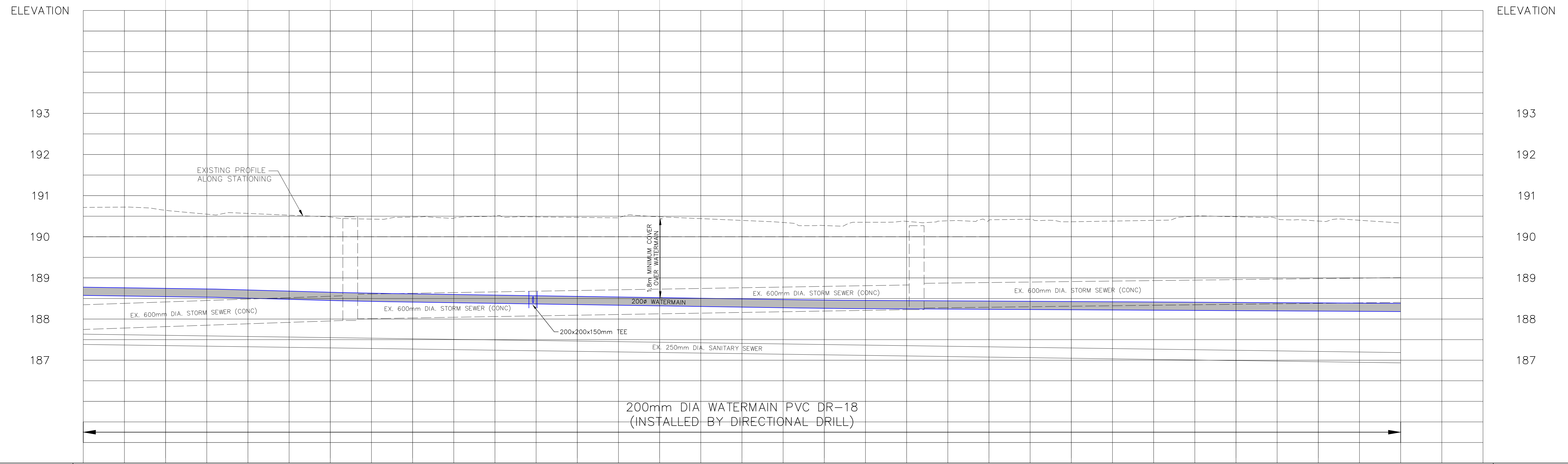
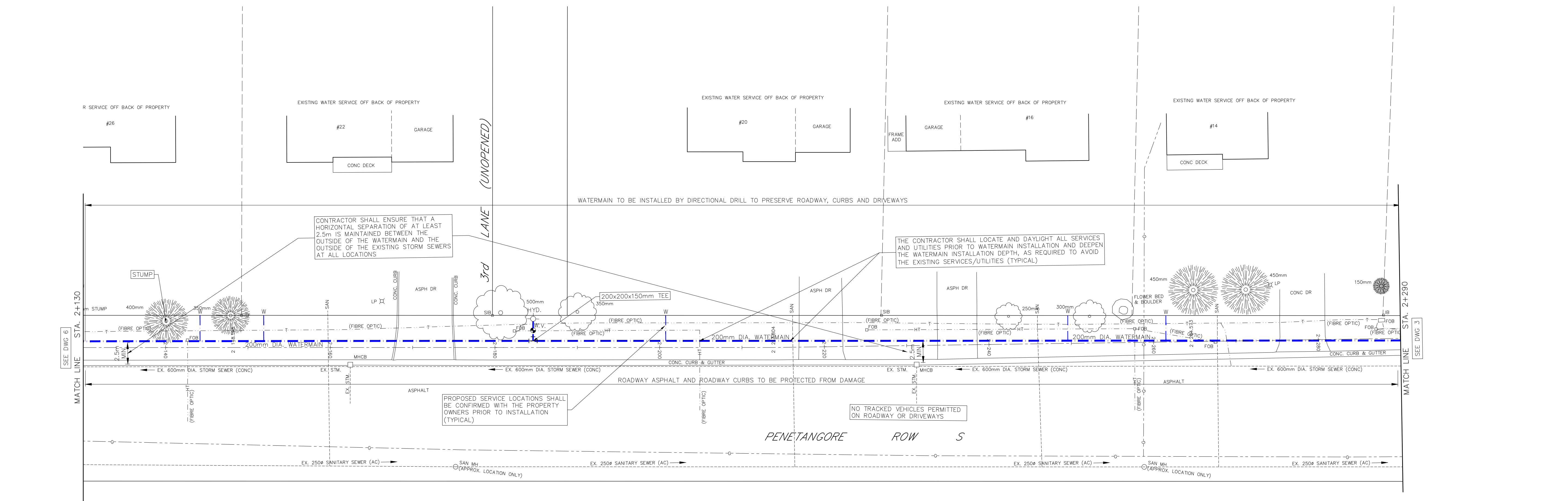
Township of Huron-Kinloss

Penetangore ROW

Plan and Profile from Huronville Street to Sta. 2+130

Contract No.	Project No.
17239	17239

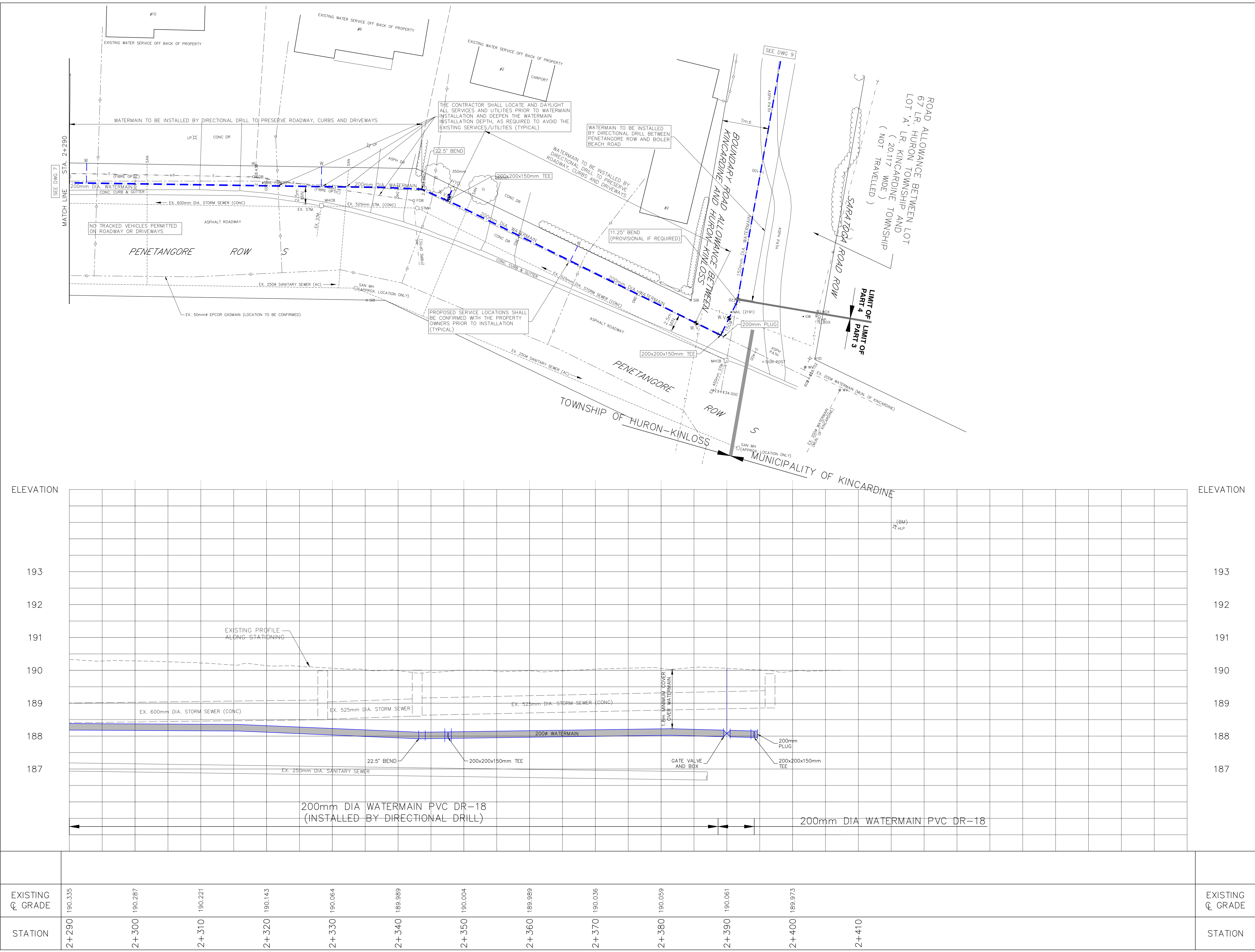
Scale (24x36)	Drawing No.
Horizontal : 1 : 250 Vertical : 1 : 50	6 of 9



EXISTING C GRADE	190.714	190.643	190.568	190.481	190.479	190.507	190.472	190.485	190.398	190.273	190.375	190.400	190.364	190.398	190.487	190.383	190.335	EXISTING C GRADE
STATION	2+130	2+140	2+150	2+160	2+170	2+180	2+190	2+200	2+210	2+220	2+230	2+240	2+250	2+260	2+270	2+280	2+290	STATION

LEGEND -- SAN or STM -- MH CB O -- W -- -- G -- -- HT -- -- T -- -- TV -- H B T H=8 I.P. O O X X [Hatched Box] [Dotted Box] [Diagonal Lines Box] [Solid Grey Box] /// EXISTING SEWERS, SANITARY or STORM MANHOLE AND CATCHBASIN WATERMAIN, FIRE HYDRANT GASMAIN UNDERGROUND HURONTEL UNDERGROUND TELEPHONE UNDERGROUND HYDRO UNDERGROUND T.V. CABLE UTILITY POLES GRUBBING REMOVE EXISTING CONC. SIDEWALK AND DRIVES REMOVE AND PLACE CONC. SIDEWALK AND DRIVES PLACE CONC. SIDEWALK AND DRIVES REMOVE EXISTING ASPHALT PAVT PLACE HOT MIX ASPHALT (DRIVES 50mm HL-3 HOT MIX MISC.) REMOVE EXISTING CONC. CURB		
1:250 1:50 		
 N		
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 agrees 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. 191.170 Nail and flag in west face of HP at the southeast corner of Penetangore ROW and Deborah Street		
BENCHMARK INFORMATION		
Design By: R.R.R. Checked By: K.D.L.		
 RYAN NIEHL No. 916693 D.L. ALEXANDER PREVINCE OF ONTARIO		
No.	DATE	REVISION
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 CELEBRATING 75 YEARS 1951-2026 BMROSS engineering better communities +		
Goderich Kincardine Mount Forest Sarnia		
 Huron-Kinloss		
Township of Huron-Kinloss Penetangore ROW Plan and Profile from Sta. 2+130 to Sta. 2+290		
Contract No. 17239		Project No. 17239
Scale (24x36) Horizontal : 1 : 250 Vertical : 1 : 50		Drawing No. 7 of 9

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LEGEND

— SAN. or STM. — EXISTING SEWERS, SANITARY or STORM
— W. — WATERMAIN
— G. — GASMAIN
— HT. — UNDERGROUND HURONTEL
— T. — UNDERGROUND TELEPHONE
— H. — UNDERGROUND HYDRO
— TV. — UNDERGROUND T.V. CABLE
— U.P. — UTILITY POLES

GRUBBING
REMOVE EXISTING CONC. SIDEWALK AND DRIVES
REMOVE AND PLACE CONC. SIDEWALK AND DRIVES
PLACE CONC. SIDEWALK AND DRIVES
REMOVE EXISTING ASPHALT PAVT
PLACE HOT MIX ASPHALT (CRIVES 50mm HL-HOT MIX MISC.)
REMOVE EXISTING CONC. CURB

1:250

1:50

NOTE

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BENCHMARK INFORMATION

B.M. Elev. 190.286m
Nail and flag in west face of HP on northeast corner of Penetangore ROW and Saratoga Road

BENCHMARK INFORMATION

Design By: R.R.R.. Checked By: K.D.L.

CELEBRATING 75 YEARS 1951-2026

BMROSS
engineering better communities

Huron-Kinloss

Township of Huron-Kinloss

Penetangore ROW

Plan and Profile from Sta. 2+290 to Sta. 2+400

Contract No. 17239	Project No. 17239
Scale (24x36) Horizontal : 1 : 250 Vertical : 1 : 50	Drawing No. 8 of 9

