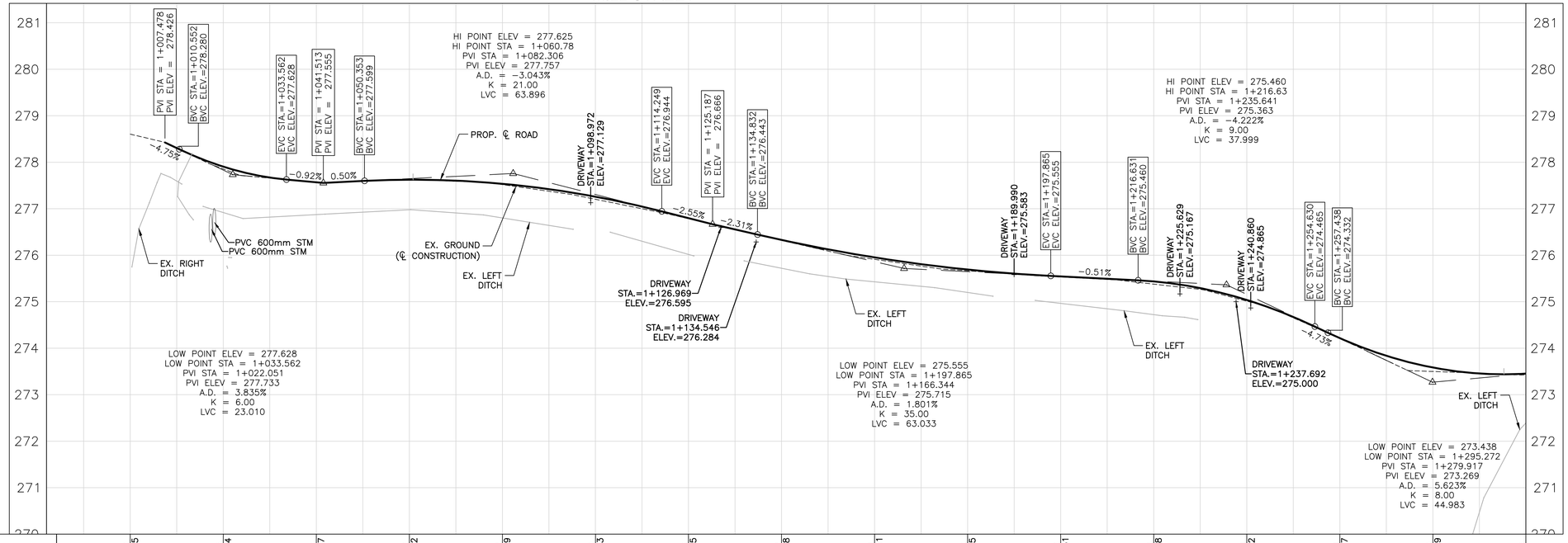
APPENDIX 9

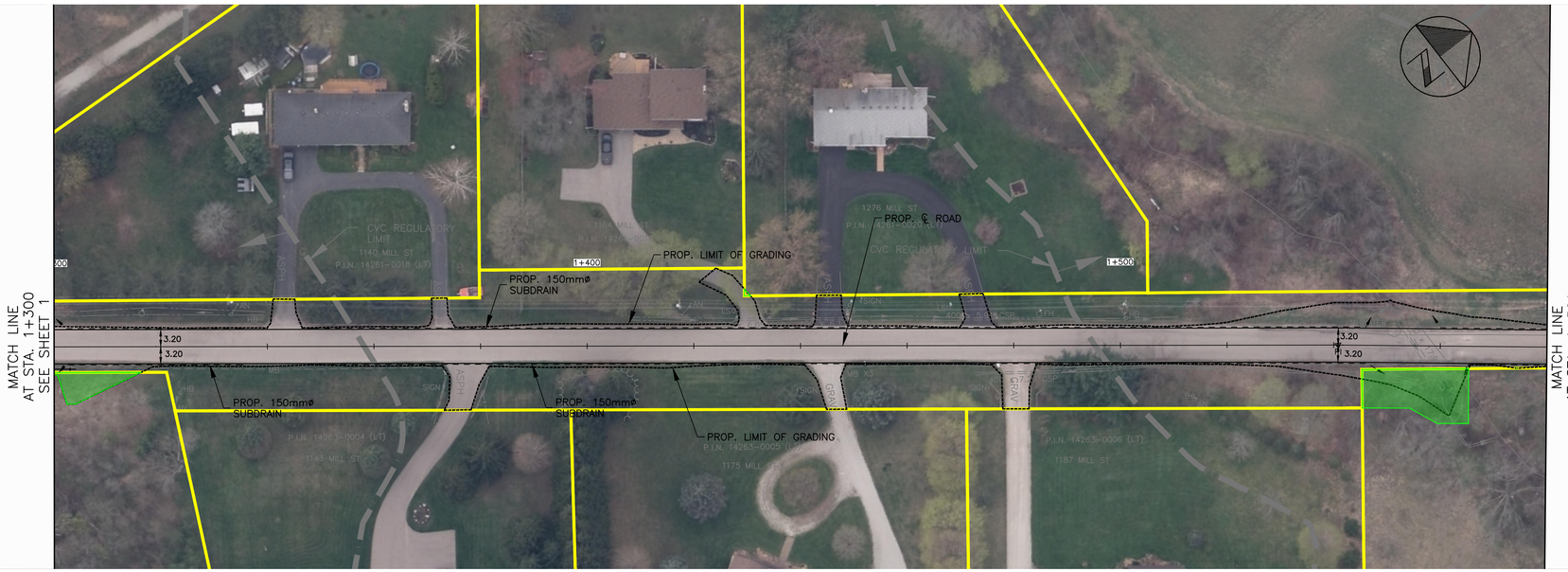
RECOMMENDED PLAN AND PROFILE

MISSISSAUGA RD
1+000
1+100
1+200
PROP. ℄ ROAD
PROP. 150mmø SUBDRAIN
PROP. LIMIT OF GRADING
PROP. GUIDERAIL
3.20
CALEDON TRAILWAY PATH
MATCH LINE AT STA. 1+300 SEE SHEET 2

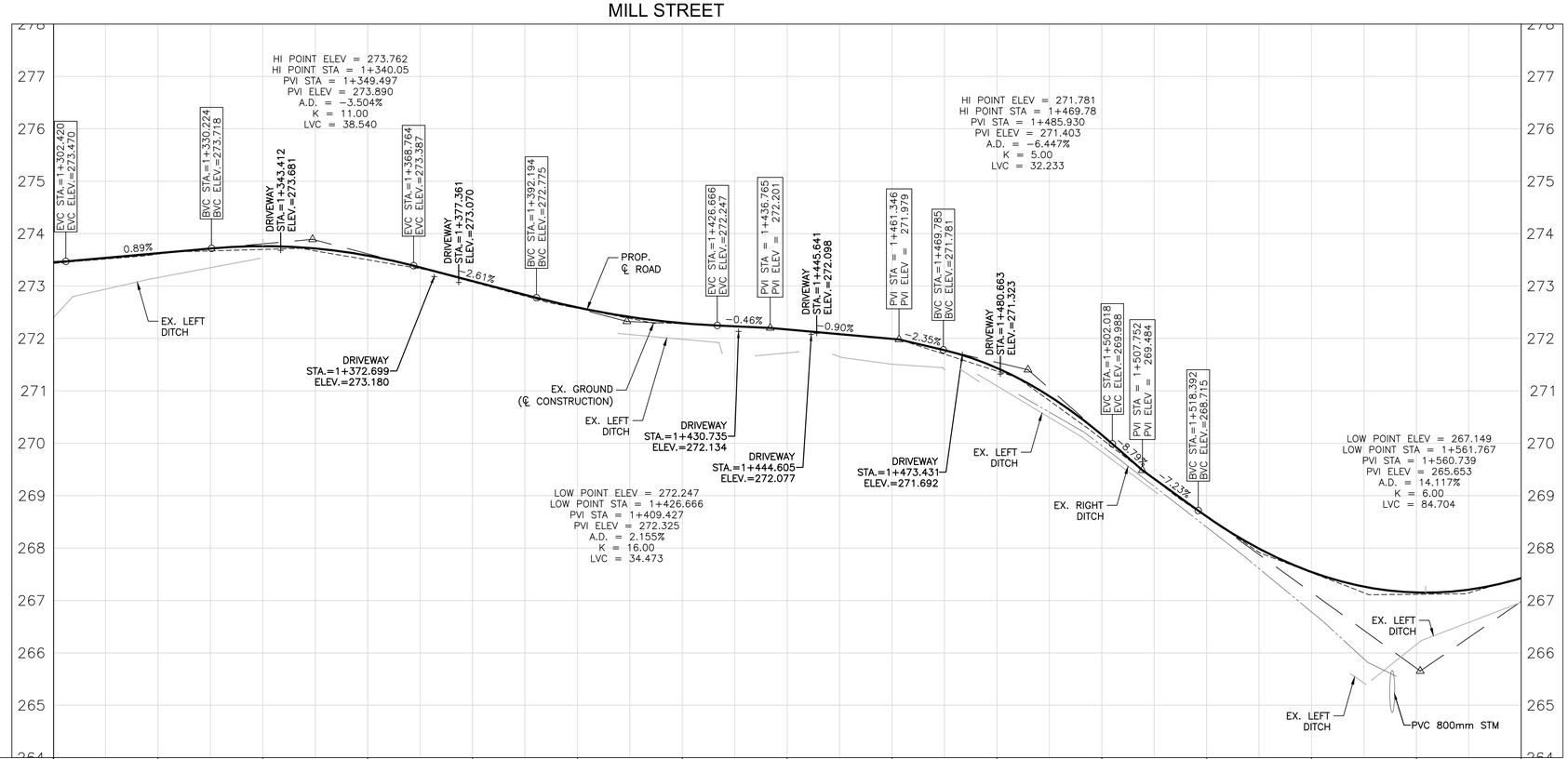
MILL STREET


281
280
279
278
277
276
275
274
273
272
271
PVI STA = 1+007.478
PVI ELEV = 278.426
BVC STA.=1+010.552
BVC ELEV.=278.280
EVC STA.=1+033.562
EVC ELEV.=277.628
PVI STA = 1+041.513
PVI ELEV = 277.555
BVC STA.=1+050.353
BVC ELEV.=277.599
HI POINT ELEV = 277.625
HI POINT STA = 1+060.78
PVI STA = 1+082.306
PVI ELEV = 277.757
A.D. = -3.043%
K = 21.00
LVC = 63.896
PROP. ℄ ROAD
DRIVEWAY STA.=1+098.972 ELEV.=277.129
EVC STA.=1+114.249
EVC ELEV.=276.944
PVI STA = 1+125.187
PVI ELEV = 276.666
BVC STA.=1+134.832
BVC ELEV.=276.443
HI POINT ELEV = 275.460
HI POINT STA = 1+216.63
PVI STA = 1+235.641
PVI ELEV = 275.363
A.D. = -4.222%
K = 9.00
LVC = 37.999
DRIVEWAY STA.=1+189.990 ELEV.=275.583
EVC STA.=1+197.865
EVC ELEV.=275.555
BVC STA.=1+216.63
BVC ELEV.=275.460
DRIVEWAY STA.=1+225.629 ELEV.=275.167
DRIVEWAY STA.=1+240.860 ELEV.=274.865
EVC STA.=1+254.630
EVC ELEV.=274.465
BVC STA.=1+257.438
BVC ELEV.=274.332
-4.75%
-0.92%
0.50%
-2.55%
-2.31%
-0.51%
-4.73%
PVC 600mm STM
PVC 600mm STM
EX. RIGHT DITCH
EX. GROUND (℄ CONSTRUCTION)
EX. LEFT DITCH
DRIVEWAY STA.=1+126.969 ELEV.=276.595
DRIVEWAY STA.=1+134.546 ELEV.=276.284
EX. LEFT DITCH
EX. LEFT DITCH
DRIVEWAY STA.=1+237.692 ELEV.=275.000
EX. LEFT DITCH
LOW POINT ELEV = 277.628
LOW POINT STA = 1+033.562
PVI STA = 1+022.051
PVI ELEV = 277.733
A.D. = 3.835%
K = 6.00
LVC = 23.010
LOW POINT ELEV = 275.555
LOW POINT STA = 1+197.865
PVI STA = 1+166.344
PVI ELEV = 275.715
A.D. = 1.801%
K = 35.00
LVC = 63.033
LOW POINT ELEV = 273.438
LOW POINT STA = 1+295.272
PVI STA = 1+279.917
PVI ELEV = 273.269
A.D. = 5.623%
K = 8.00
LVC = 44.983

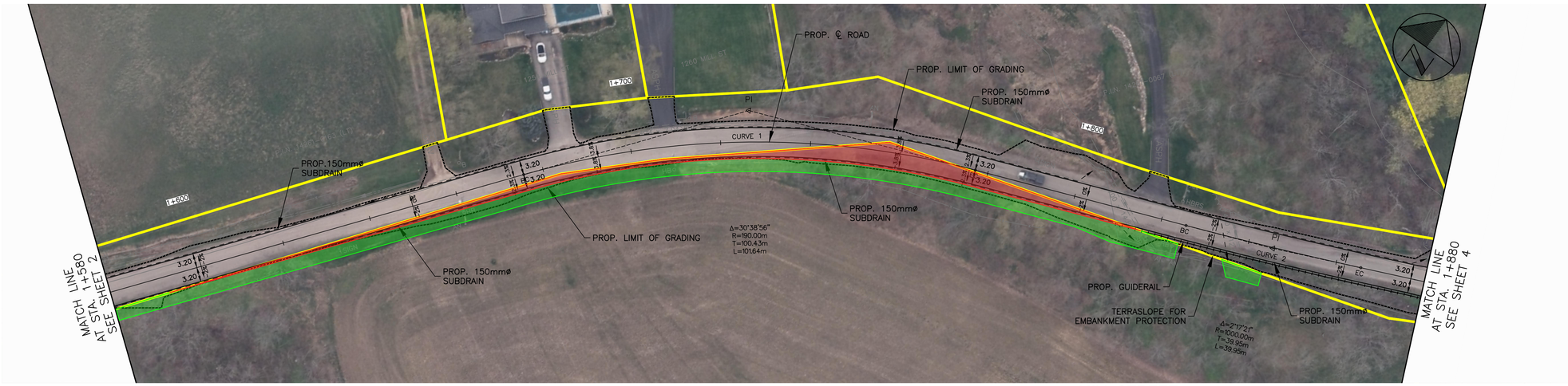
| | | |


MATCH LINE
AT STA. 1+300
SEE SHEET 1
MATCH LINE
AT STA. 1+580
SEE SHEET 3
PROP. LIMIT OF GRADING
PROP. 150mmø SUBDRAIN
PROP. ℄ ROAD
1+400
1+500
3.20
3.20
3.20
3.20
CVC REGULATORY LIMIT
1140 MILL ST
P.I.N. 14261-0018 (LT)
1143 MILL ST
P.I.N. 14263-0004 (LT)
1175 MILL
P.I.N. 14263-0005 (LT)
1276 MILL ST
P.I.N. 14263-0006 (LT)
1187 MILL ST

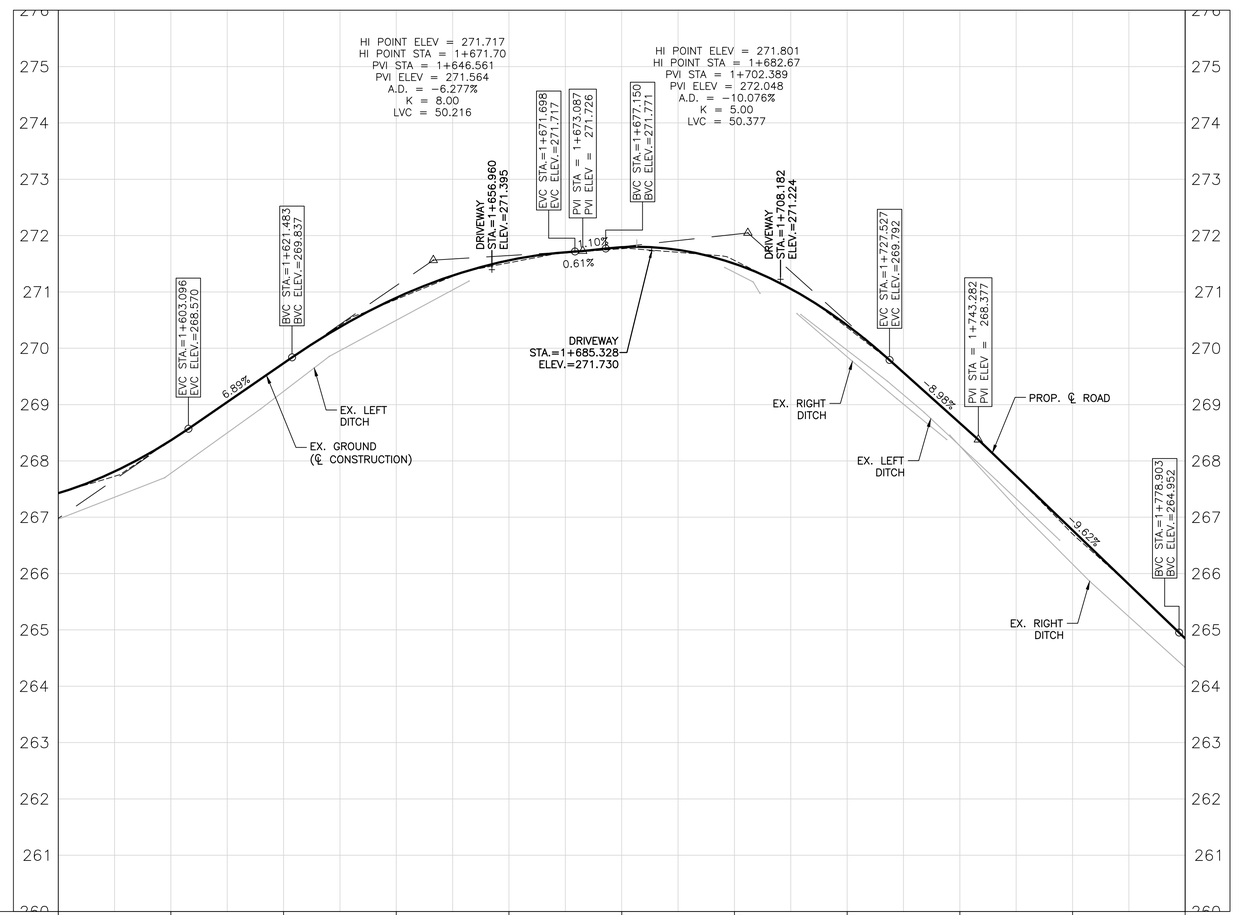
MILL STREET

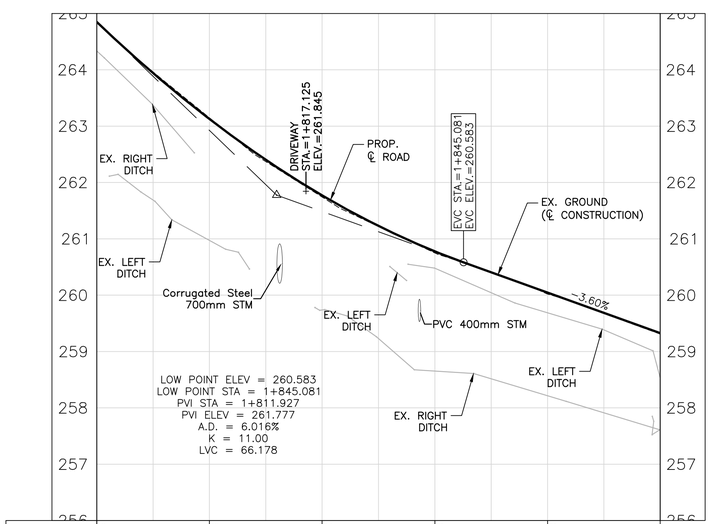

HI POINT ELEV = 273.762
HI POINT STA = 1+340.05
PVI STA = 1+349.497
PVI ELEV = 273.890
A.D. = -3.504%
K = 11.00
LVC = 38.540
HI POINT ELEV = 271.781
HI POINT STA = 1+469.78
PVI STA = 1+485.930
PVI ELEV = 271.403
A.D. = -6.447%
K = 5.00
LVC = 32.233
EVC STA.=1+302.420
EVC ELEV.=273.470
BVC STA.=1+330.224
BVC ELEV.=273.718
DRIVEWAY
STA.=1+343.412
ELEV.=273.681
EVC STA.=1+368.764
EVC ELEV.=273.387
DRIVEWAY
STA.=1+377.361
ELEV.=273.070
BVC STA.=1+392.194
BVC ELEV.=272.775
EVC STA.=1+426.666
EVC ELEV.=272.247
PVI STA = 1+436.765
PVI ELEV = 272.201
DRIVEWAY
STA.=1+445.641
ELEV.=272.098
PVI STA = 1+461.346
PVI ELEV = 271.979
BVC STA.=1+469.785
BVC ELEV.=271.781
DRIVEWAY
STA.=1+480.663
ELEV.=271.323
EVC STA.=1+502.018
EVC ELEV.=269.988
PVI STA = 1+507.752
PVI ELEV = 269.484
BVC STA.=1+518.392
BVC ELEV.=268.715
0.89%
-3.61%
-0.46%
0.90%
-2.36%
-8.79%
-7.23%
EX. LEFT DITCH
DRIVEWAY
STA.=1+372.699
ELEV.=273.180
PROP. ℄ ROAD
EX. GROUND
(℄ CONSTRUCTION)
EX. LEFT DITCH
DRIVEWAY
STA.=1+430.735
ELEV.=272.134
DRIVEWAY
STA.=1+444.605
ELEV.=272.077
LOW POINT ELEV = 272.247
LOW POINT STA = 1+426.666
PVI STA = 1+409.427
PVI ELEV = 272.325
A.D. = 2.155%
K = 16.00
LVC = 34.473
DRIVEWAY
STA.=1+473.431
ELEV.=271.692
EX. LEFT DITCH
EX. RIGHT DITCH
LOW POINT ELEV = 267.149
LOW POINT STA = 1+561.767
PVI STA = 1+560.739
PVI ELEV = 265.653
A.D. = 14.117%
K = 6.00
LVC = 84.704
EX. LEFT DITCH
EX. LEFT DITCH
PVC 800mm STM
278
277
276
275
274
273
272
271
270
269
268
267
266
265
264

| | | |

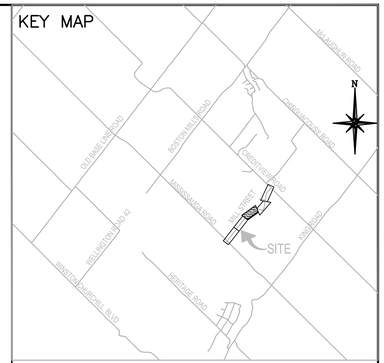


MILL STREET





KEY MAP



NOTE:

1. IN THE RURAL PAVEMENT AREA, PULVERIZE THE EXISTING ASPHALT TO A THICKNESS OF 150mm WITH THE UNDERLYING GRANULAR MATERIAL (FDR), GRADE THE PROCESSED MATERIAL AS REQUIRED FOR THE PLACEMENT OF A NEW 130mm ASPHALT (40mm HL3 AND 90mm HL8).

2. IN THE URBAN PAVEMENT AREA WITH CURB AND GUTTERS, REMOVE THE EXISTING ASPHALT UNTIL GRANULAR MATERIAL EXPOSED, GRADE AS REQUIRED FOR THE PLACEMENT OF 130mm OF NEW HMA (40mm HL3 AND 90mm HL8).

3. PAVEMENT WIDENING WITH SUBDRAIN: 40mm HL3, 90mm HL8, 300mm GRANULAR A

4. PAVEMENT WIDENING WITHOUT SUBDRAIN: 40mm HL3, 90mm HL8, 225mm GRANULAR A OR FDR MATERIAL, 345mm SELECT SUBGRADE MATERIAL (SSM).

LEGEND:

EASEMENT

FEE SIMPLE

NO.	BY	DATE	REVISION	CONS. CHECKED	TOWN APPR'D
####	####	####	####	####	
####	####	####	####	####	
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####	####	####	####	####	

BENCH MARK:

CONSULTANT

R.V. Anderson Associates Limited
engineering • environment • infrastructure

ENGINEER'S STAMP

APPROVED FOR CONSTRUCTION

RYAN GRODECKI, MANAGER - ENGINEERING SERVICES, FINANCE AND INFRASTRUCTURE SERVICES — DATE

PROJECT NAME

ROAD RECONSTRUCTION
MILL STREET
FROM MISSISSAUGA ROAD TO CREDITVIEW ROAD

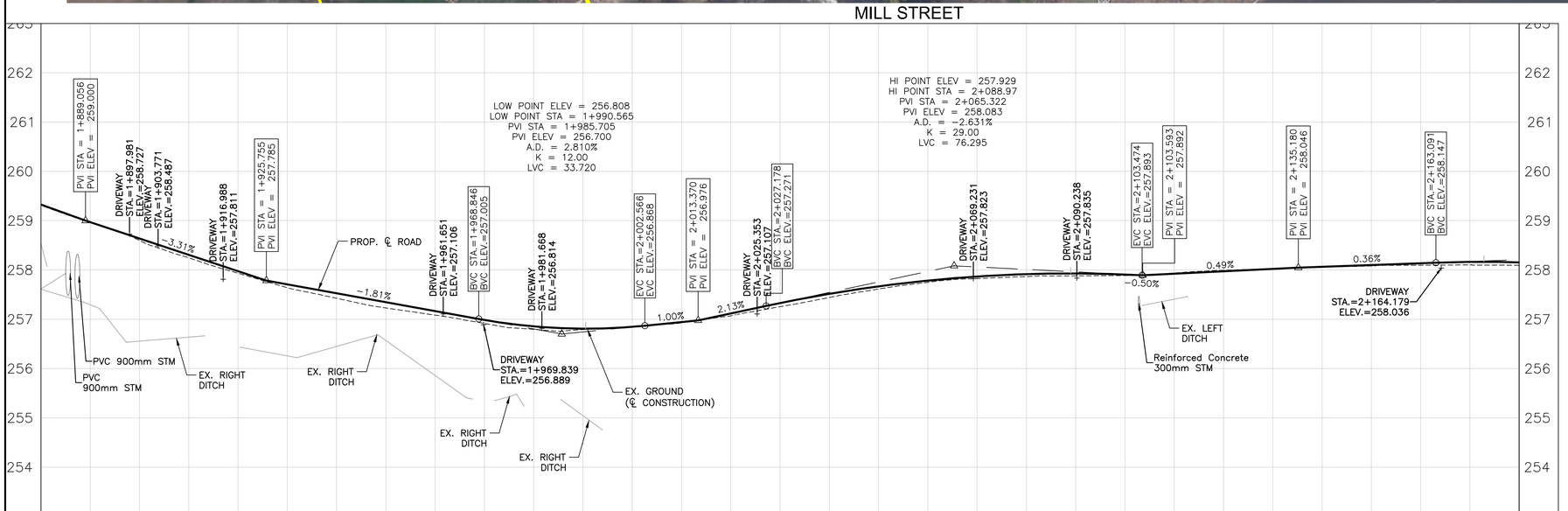
FINANCE AND INFRASTRUCTURE SERVICES

TOWN OF CALEDON

MILL STREET
PLAN AND PROFILE

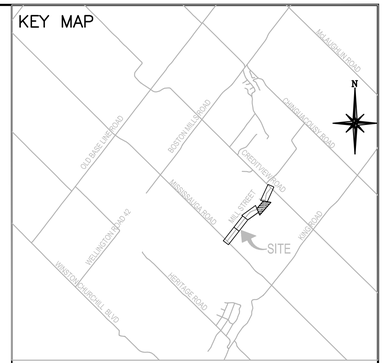
SCALE: HORIZ. 1:500	VERT. 1:50	PROJECT No.	205388
DESIGNED BY: ####	DRAWN BY: ####	DRAWING No.	3
CHECKED BY: ####	DATE: ####		

MILL STREET



259.310	258.60 258.599	257.33 257.333	257.43 257.425	257.08 257.083	256.79 256.795	256.85 256.854	257.07 257.069	257.44 257.441	257.75 257.749	257.87 257.867	257.89 257.887	257.99 257.993	258.06 258.057	258.10 258.096	258.10	℄ ROAD ELEVATIONS
1+900	1+920	1+940	1+960	1+980	2+000	2+020	2+040	2+060	2+080	2+100	2+120	2+140	2+160	2+180		STATIONS

KEY MAP



NOTE:

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LEGEND:

EASEMENT

FEE SIMPLE

NO.	BY	DATE	REVISION	CONS. CHECKED	TOWN APPR'D
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ENGINEER'S STAMP

APPROVED FOR CONSTRUCTION

RYAN GRODECKI,
MANAGER - ENGINEERING SERVICES
FINANCE AND INFRASTRUCTURE SERVICES

DATE

PROJECT NAME

ROAD RECONSTRUCTION
MILL STREET
FROM MISSISSAUGA ROAD TO CREDITVIEW ROAD

FINANCE AND INFRASTRUCTURE SERVICES

TOWN OF CALEDON

MILL STREET
PLAN AND PROFILE

SCALE: HORIZ. 1:500 VERT. 1:50

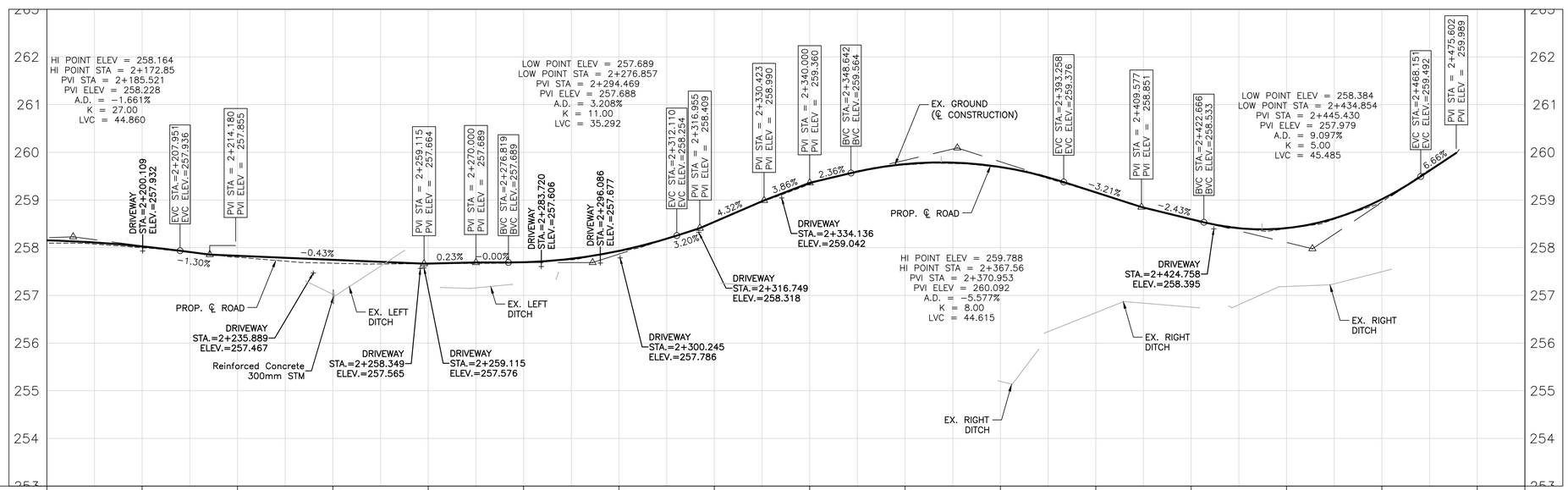
DESIGNED BY: #### DRAWN BY: ####

CHECKED BY: #### DATE: ####

PROJECT No. 205388

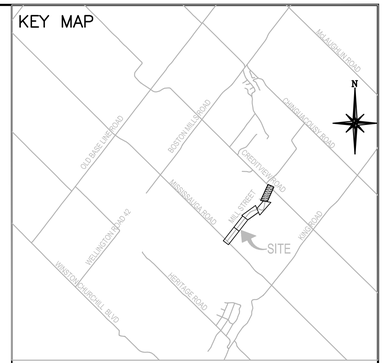
DRAWING No. 4

MILL STREET



℄ ROAD ELEVATIONS	258.096	258.00 258.001	257.80 257.799	257.67 257.674	257.66 257.664	257.69 257.692	257.92 257.920	258.54 258.536	259.33 259.330	259.73 259.735	259.68 259.680	259.15 259.149	258.58 258.583	258.40 258.399	258.96 258.960
STATIONS		2+200	2+220	2+240	2+260	2+280	2+300	2+320	2+340	2+360	2+380	2+400	2+420	2+440	2+460	2+480

KEY MAP



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LEGEND:

EASEMENT

FEE SIMPLE

NO.	BY	DATE	REVISION	CONS. CHECKED	TOWN APPR'D
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ENGINEER'S STAMP

APPROVED FOR CONSTRUCTION

RYAN GRODECKI, MANAGER - ENGINEERING SERVICES, FINANCE AND INFRASTRUCTURE SERVICES — DATE

PROJECT NAME

ROAD RECONSTRUCTION
MILL STREET
FROM MISSISSAUGA ROAD TO CREDITVIEW ROAD

FINANCE AND INFRASTRUCTURE SERVICES

TOWN OF CALEDON

MILL STREET
PLAN AND PROFILE

SCALE: HORIZ. 1:500	VERT. 1:50	PROJECT No.	205388
DESIGNED BY: ####	DRAWN BY: ####	DRAWING No.	5
CHECKED BY: ####	DATE: ####		