NOTE: NO TRADES PARKING OR TRUCK STAGING WILL BE ALLOWED ON THE MUNICIPAL RIGHT OF WAY.

COUNTRY CLUB DRIVE

ARBOURFIELD DRIVE

6m BUFFER

PARKING AREA

LIMIT OF EXCAVATION TRENCH AND TEMPORARY LANE & SIDEWALK CLOSURE. DISRUPTION OF ROAD, CURB & GUTTER AND SIDEWALK FOR DURATION OF INSTALLATION OF PROPOSED CIVIL SERVICES.

TEMPORARY CONSTRUCTION ENTRANCE AND MUD MAT

STOCKPILE TO BE LOCATED AWAY FROM EXISTING LOTS

HAULAGE ROUTE WEST ON COUNTRY CLUB DRIVE OUT TO VARLEY LINE

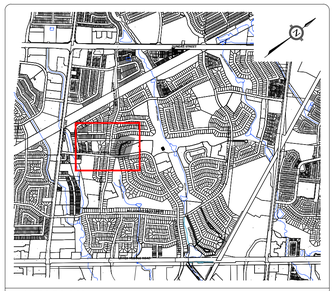
6m BUFFER

KANE CRESCENT

BERWICK DRIVE

COUNTRY CLUB DRIVE

ADDITIONAL CMMP DETAILS TO BE PROVIDED AND DIMENSIONS TO BE CONFIRMED DURING DETAILED DESIGN



KEY PLAN
N.T.S.

LEGEND

- TREE PRESERVATION ZONE
- TREE TO REMAIN
- TREE CROWN
- TREE PROTECTION FENCE
- SEDIMENT / CONSTRUCTION / TREE PROTECTION FENCE
- SITE BOUNDARY
- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATERMAIN

LICENSED PROFESSIONAL ENGINEER
A. M. FATA
100159069
Dec/18/2020
PROVINCE OF ONTARIO

BENCHMARK

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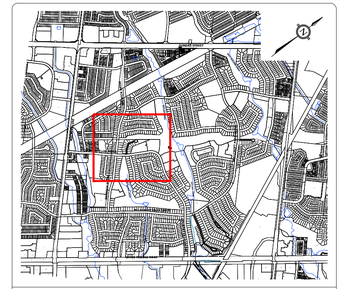
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MILLCROFT GREEN
CITY OF BURLINGTON

CONSTRUCTION MANAGMENT & MOBILITTY PLAN

PROJECT No.	DATE	SCALE	DWG No.
17-526	DEC. 2020	1:500	CMMP-C





KEY PLAN
N.T.S.

LEGEND:

- EXISTING CONTOURS & LABELS
- EXISTING SITE DRAINAGE BOUNDARY
- EXISTING EXTERNAL DRAINAGE BOUNDARY
- DRAINAGE DIRECTION
- EASEMENT
- EXISTING STORM SEWER AND MANHOLE
- PROPERTY LIMIT LINE
- 215 (0.38/0.40) — AREA ID / WEIGHTED RUNOFF COEFFICIENT / DRAINAGE AREA

LICENSED PROFESSIONAL ENGINEER
A. M. FATA
100159069
Dec/18/2020
PROVINCE OF ONTARIO

BENCHMARK

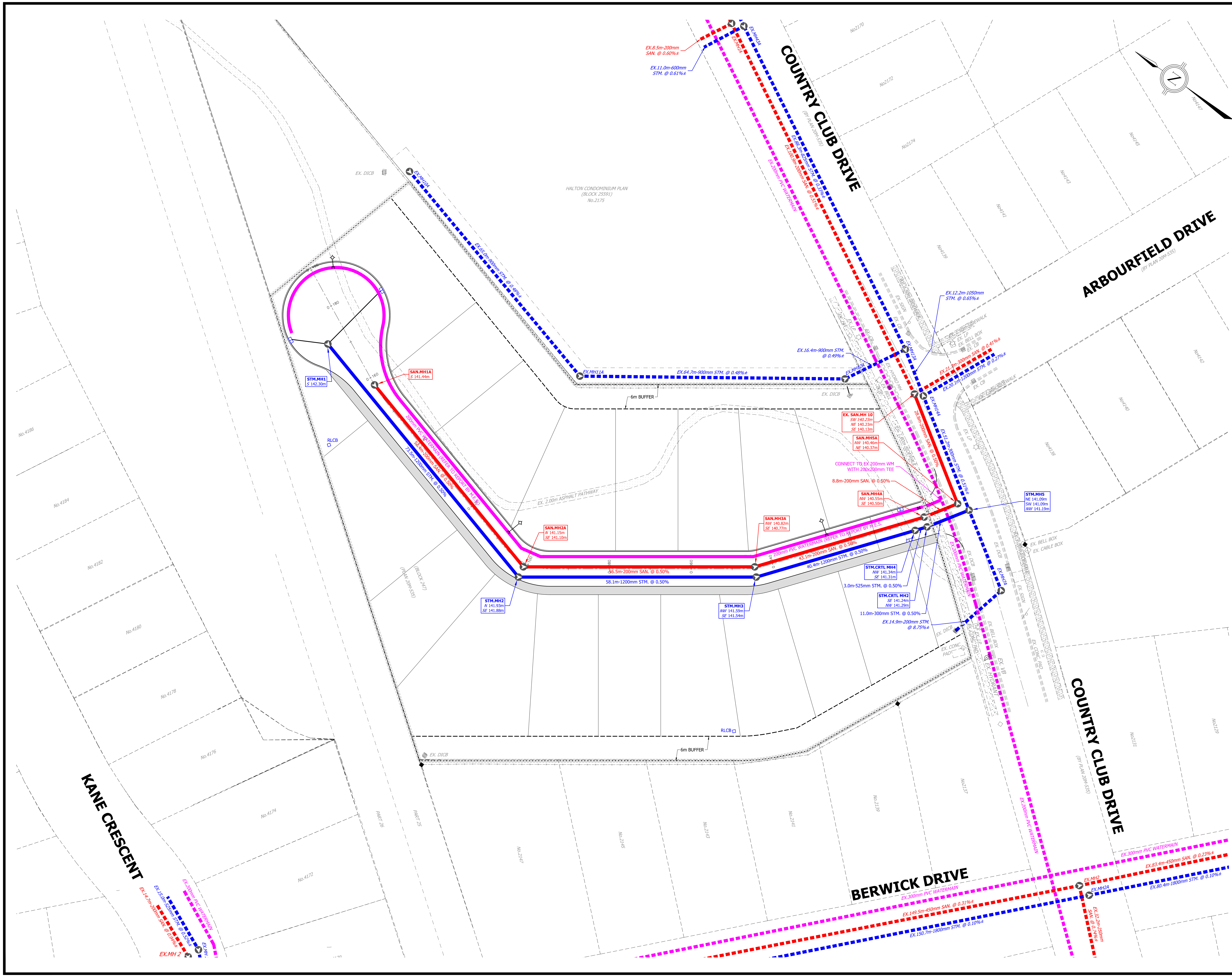
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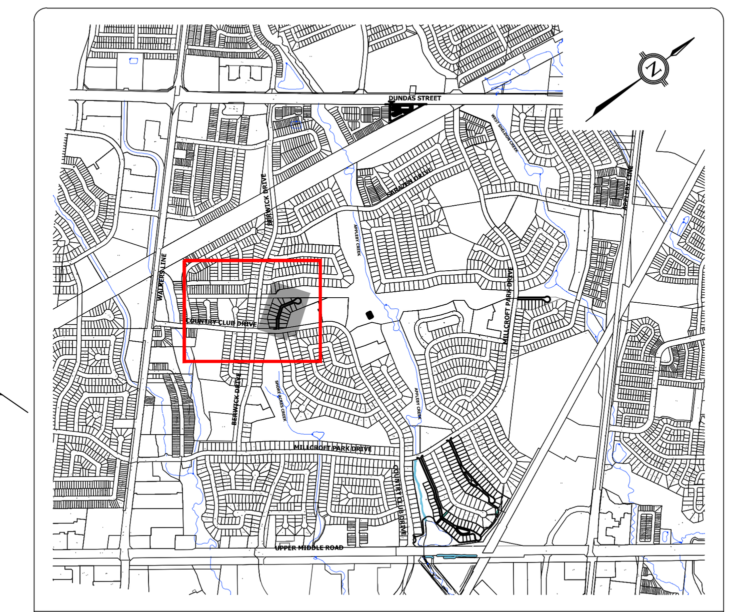
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MILLCROFT GREEN
CITY OF BURLINGTON

EXISTING DRAINAGE PLAN
(PARCEL C)

PROJECT No.	DATE	SCALE	DWG No.
17-526	DEC. 2020	1:750	EX-C





KEY PLAN
N.T.S.

LEGEND

- PROPOSED SANITARY SEWER
- EXISTING SANITARY SEWER
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- PROPOSED WATERMAIN
- EXISTING WATERMAIN
- SITE BOUNDARY

LICENSED PROFESSIONAL ENGINEER
A. M. FATA
100159069
Dec/18/2020
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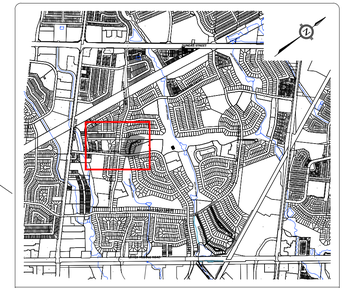
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MILLCROFT GREEN
CITY OF BURLINGTON

GENERAL PLAN
(AREA C)

PROJECT No.	DATE	SCALE	DWG No.
17-526	DEC. 2020	1:500	GP-C





KEY PLAN
N.T.S.

LEGEND

252.55	PROPOSED GRADE
252.74	EXISTING GRADE
252.82 / 125.54	PROPOSED AND EXISTING GRADE
124.00	EXISTING CONTOUR & ELEVATION
	MAJOR OVERLAND FLOW
	EXISTING MAJOR OVERLAND FLOW
	SITE BOUNDARY
	TREE PRESERVATION ZONE TREE TO REMAIN TREE CROWN TREE PROTECTION FENCE

BENCHMARK

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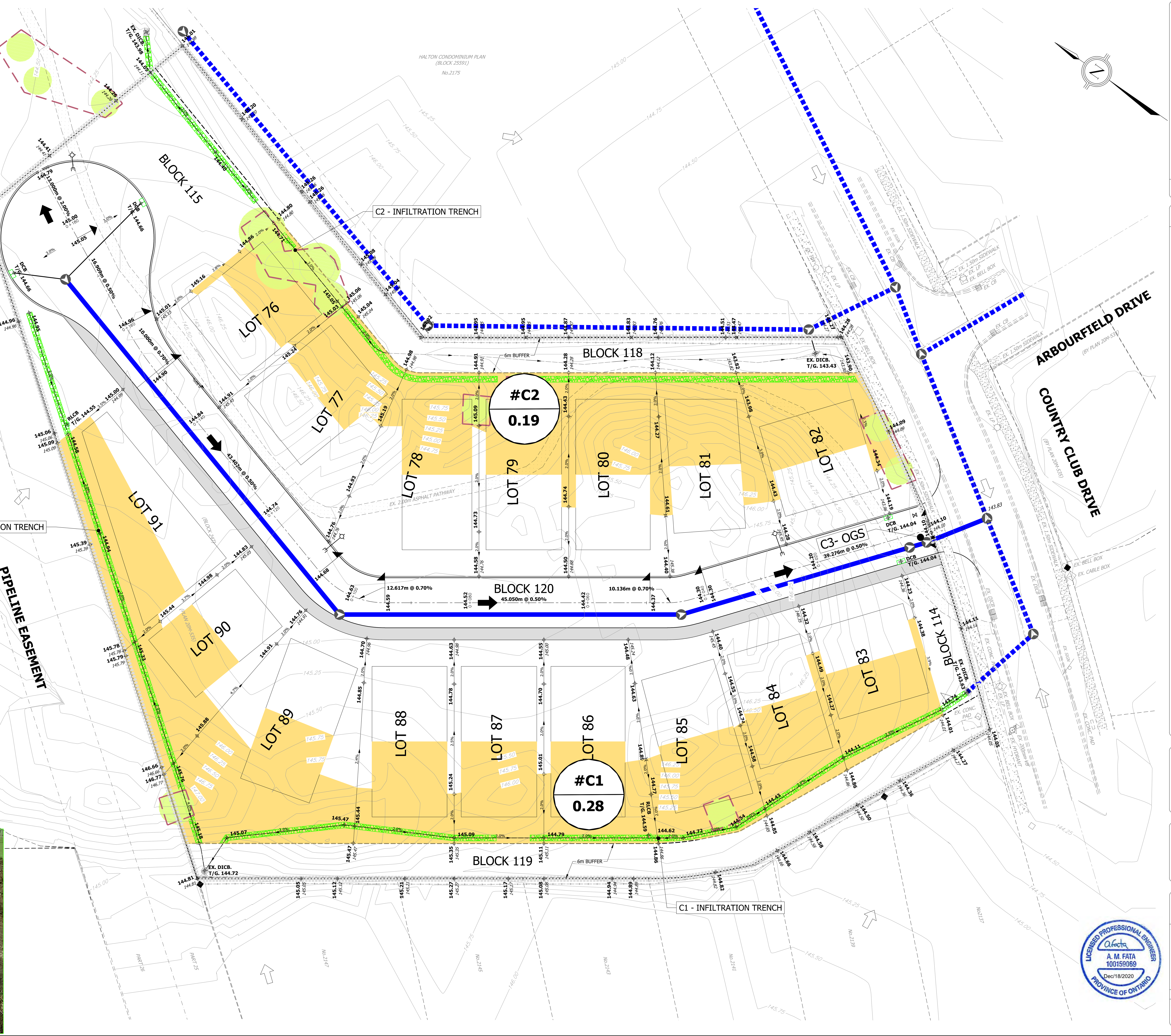
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A. M. FATA
100159069
DEC 15, 2020
PROVINCE OF ONTARIO

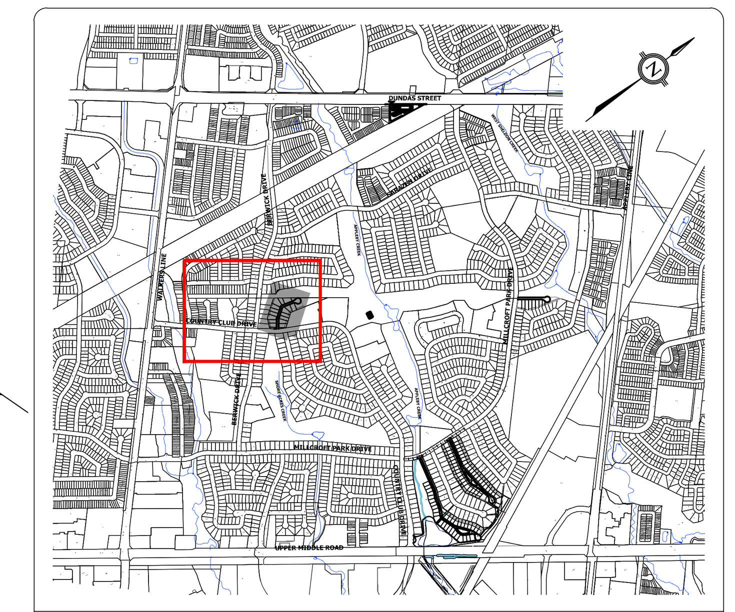
MILLCROFT GREEN
CITY OF BURLINGTON

GRADING PLAN
(AREA C)

PROJECT No.	DATE	SCALE	DWG No.
17-526	DEC. 2020	1:300	GR-C







KEY PLAN
N.T.S.

LEGEND

252.55	PROPOSED GRADE
252.74	EXISTING GRADE
252.82 / 125.54	PROPOSED AND EXISTING GRADE
124.00	EXISTING CONTOUR & ELEVATION
	MAJOR OVERLAND FLOW
	EXISTING MAJOR OVERLAND FLOW
	PROPOSED INFILTRATION TRENCH
	PROPOSED STORM SEWER
	EXISTING STORM SEWER
	SITE BOUNDARY
	TREE PRESERVATION ZONE TREE TO REMAIN TREE CROWN TREE PROTECTION FENCE

STORMWATER MANAGEMENT STRATEGY

AREA DRAIN TO INFILTRATION TRENCH

#C1 / 0.10 — AREA ID# / DRAINAGE AREA (Ha)

AREA ID#	AREA (Ha)	% IMP
C1	0.28	50%
C2	0.19	53%

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MILLCROFT GREEN
CITY OF BURLINGTON

CONCEPTUAL LID PLAN
(AREA C)

PROJECT No.	DATE	SCALE	DWG No.
17-526	DEC. 2020	1:300	LID-C

KANE CRESCENT

BERWICK DRIVE

APPLEBY CREEK

EX.MH1 1B

EX.MH1 2A

EX.MH1 2

STM OUTLET #4C

E03-C
0.41 | 0.4

S-04C
0.05 | 0.65

E01-C
2.70 | 0.30

E02-C
0.43 | 0.40

E04-C
0.19 | 0.4

S-02C
0.98 | 0.65

S-01C
0.13 | 0.65

S-05C
0.22 | 0.65

S-03C
0.11 | 0.65

73.5m-1200mm STM. @ 0.50%

MH2

NH1

98.1m-1200mm STM. @ 0.50%

EX.MH10A

STM OUTLET #1C

EX.MH11A

40.4m-1200mm STM. @ 0.50% MH3

CRTL MH4
3.0m-525mm
STM. @ 0.50%

CRTL MH2

11.0m-300mm
STM. @ 0.50%

MH4

MH4A

EX.MH12A

EX.MH17A

MH5

MH25

STM OUTLET #2C

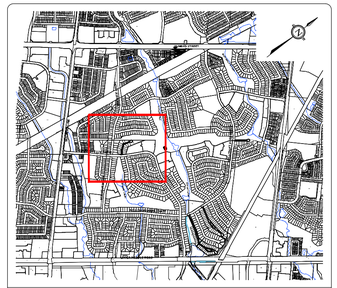
MH42A

MH43A

COUNTRY CLUB DRIVE

STM OUTLET #3C

ARBOURFIELD DRIVE



KEY PLAN
N.T.S.

LEGEND:

- EXISTING CONTOURS & LABELS
- PROPOSED SITE DRAINAGE BOUNDARY
- PROPOSED EXTERNAL DRAINAGE BOUNDARY
- DRAINAGE DIRECTION
- EASEMENT
- PROPOSED STORM SEWER AND MANHOLE
- EXISTING STORM SEWER AND MANHOLE
- PROPERTY LIMIT LINE
- 215 / 0.360 /0.42 — AREA ID, WEIGHTED RUNOFF COEFFICIENT, DRAINAGE AREA

LICENSED PROFESSIONAL ENGINEER
A. M. FATA
100159069
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BENCHMARK

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MILLCROFT GREEN
CITY OF BURLINGTON

PROPOSED DRAINAGE PLAN
(PARCEL C)

PROJECT No.	DATE	SCALE	DWG No.
17-526	DEC. 2020	1:750	PR-C

HALTON CONDOMINIUM PLAN
(BLOCK 25591)
No.2175

EX.100.9m-200mm SAN. @ 0.51%±

ARBOURFIELD DRIVE
(BY PLAN 20M-535)

EX. SIDEWALK
EX. LP
EX. SIGN

EX.21.7m-300mm SAN. @ 0.41%±

SAN.MH1A
S 141.44m

57.4m-200mm SAN. @ 0.50%

6m BUFFER

EX. MH 10
SW 140.23m
NE 140.23m
SE 140.13m

28.8m-200mm SAN. @ 0.50%

SAN.MH5A
NW 140.46m
NE 140.37m

8.8m-200mm SAN. @ 0.50%

EX. 2.80m ASPHALT PATHWAY

SAN.MH2A
N 141.15m
SE 141.10m

SAN.MH3A
NW 140.82m
SE 140.77m

43.1m-200mm SAN. @ 0.50%

56.5m-200mm SAN. @ 0.50%

SAN.MH4A
NW 140.55m
SE 140.50m

COUNTRY CLUB DRIVE
(BY PLAN 20M-535)

1.46ha
16 | 3.2

6m BUFFER

(BLOCK 247)
(PLAN 20M-535)

No.4180
No.4178
No.4176
No.4174
No.4172
PART 26
PART 25
No.2147
No.2145
No.2143
No.2141
No.2139
No2137

KEY PLAN
N.T.S.

LEGEND

- PROPOSED SANITARY SEWER
- EXISTING SANITARY SEWER
- 0.32ha — DRAIANGE AREA
- 10 | 3.2 — POPULATION PER UNIT / UNITS
- SANITARY DRAINAGE AREA
- SITE BOUNDARY

LICENSED PROFESSIONAL ENGINEER
A. M. FATA
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MILLCROFT GREEN
CITY OF BURLINGTON

SANITARY DRAINAGE PLAN
(AREA C)

PROJECT No.	DATE	SCALE	DWG No.
17-526	DEC. 2020	1:750	SAN-C

ALLOWABLE RELEASE RATE = 0.655m³/s

PROP. SUBDIVISION S-01C:
AREA = 0.13ha
R.C. = 0.65
100-YR CONSTANT FLOW = 0.024m³/s

EX. GOLF COURSE E01-C:
AREA = 2.70ha
R.C. = 0.30
100-YR CONSTANT FLOW = 0.231m³/s

EX. SUBDIVISION E02-C:
AREA = 0.43ha
R.C. = 0.40
100-YR CONSTANT FLOW = 0.049m³/s

TOTAL 100-YR CONSTANT FLOW = 0.304m³/s

E02-C
0.43 | 0.40

E01-C
2.70 | 0.30

EX.STM OUTLET #1C

EX. MH10A

HALTON CONDOMINIUM PLAN (BLOCK 25591) No.2175

DCB

DCB

STM.MH1
S 142.30m

0.13ha
0.65

RLCB

73.5m-1200mm STM. @ 0.50%

ALLOWABLE RELEASE RATE = 0.136m³/s

PROP. SUBDIVISION S-05C:
AREA = 0.22ha
R.C. = 0.65
100-YR CONSTANT FLOW = 0.041m³/s

TOTAL 100-YR CONSTANT FLOW = 0.222m³/s

EX. MH11A

EX. MH12A

EX. MH13A

EX. MH14A

EX.CB

EX.CB

EX.CB

EX.CB

EX. LP

EX. LP

EX. SIGN

EX. SIGN

EX. 1.50m SIDEWALK

EX. SIDEWALK (BY PLAN 20M-535)

EX. SIDEWALK

ARBOURFIELD DRIVE

COUNTRY CLUB DRIVE

6m BUFFER

EX.STM OUTLET #2C

EX. 3.0m ASPHALT PATHWAY

0.22ha
0.65

STM.MH5
NE 141.09m
SW 141.09m
NW 141.19m

0.16ha
0.65

STM.MH2
N 141.93m
SE 141.88m

STM.MH3
NW 141.59m
SE 141.54m

40.4m-1200mm STM. @ 0.50%

58.1m-1200mm STM. @ 0.50%

0.34ha
0.65

110mm ORIFICE TO CONTROL FLOWS TO 0.044m³/s;
REQUIRED STORAGE = 195m³ (SUPER PIPE)

ALLOWABLE 100-YR CONSTANT FLOW = 0.136m³/s
MINUS 0.025m³/S = 0.111m³/s

PROP. SUBDIVISION: (S-02C)
AREA = 0.98ha
R.C. = 0.65
100-YR CONSTANT FLOW = 0.182m³/s

0.05ha
0.65

0.48ha
0.65

STM.CRTL MH4
NW 141.34m
SE 141.31m

11.0m-300mm
STM. @ 0.50%

EX.STM OUTLET #3C

EX.DCB

EX.DCB

EX. MH7A

EX. LP

0.11ha
0.65

RLCB

EX.STM OUTLET #4C

6m BUFFER

ALLOWABLE RELEASE RATE = 0.099m³/s

PROP. SUBDIVISION S-04C:
AREA = 0.05ha
R.C. = 0.65
100-YR CONSTANT FLOW = 0.009m³/s

EX. SUBDIVISION E03-C:
AREA = 0.41ha
R.C. = 0.40
100-YR CONSTANT FLOW = 0.047m³/s

TOTAL 100-YR CONSTANT FLOW = 0.056m³/s

E03-C
0.41 | 0.4

E04-C
0.19 | 0.4

ALLOWABLE RELEASE RATE = 0.087m³/s

PROP. SUBDIVISION S-03C:
AREA = 0.11ha
R.C. = 0.65
100-YR CONSTANT FLOW = 0.020m³/s

EX. SUBDIVISION E-04C:
AREA = 0.19ha
R.C. = 0.40
100-YR CONSTANT FLOW = 0.022m³/s

TOTAL 100-YR CONSTANT FLOW = 0.042m³/s

(PLAN 20M-535) (BLOCK 247)

No.4180 No.4178 No.4176 No.4174 No.4172 No.2147 No.2145 No.2143 No.2141 No.2139

PART 25 PART 26

LICENSED PROFESSIONAL ENGINEER
A. M. FATA
100159069
Dec/18/2020
PROVINCE OF ONTARIO



KEY PLAN
N.T.S.

LEGEND

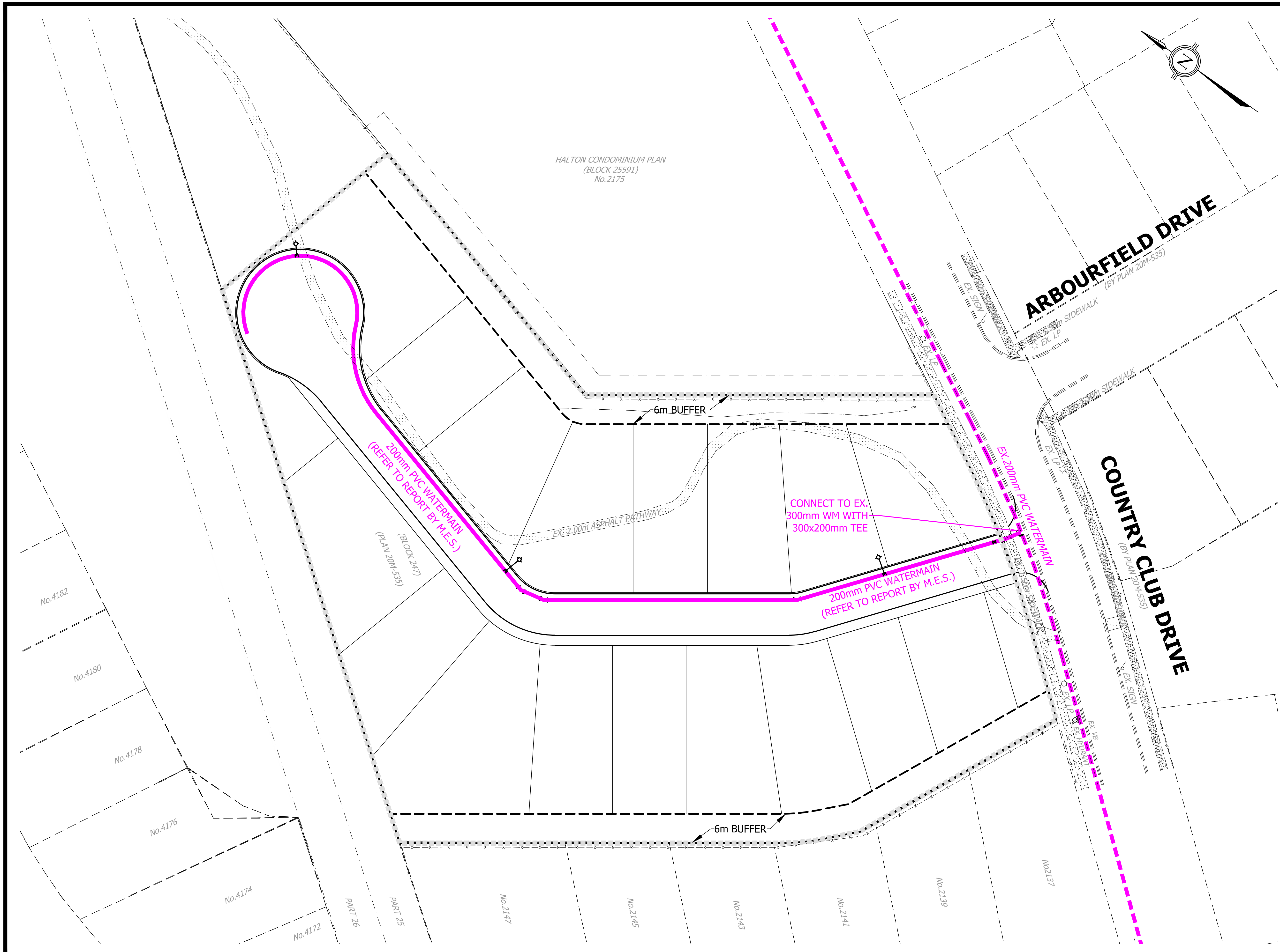
- PROPOSED STORM SEWER
- EXISTING STORM SEWER
- STORM DRAINAGE AREA
- EXTERNAL STORM DRAINAGE AREA
- 124.00 — EXISTING CONTOUR & ELEVATION
- MAJOR OVERLAND FLOW ARROW
- EXISTING OVERLAND FLOW ARROW
- BLK 1 / Q=0.012m³/s — CATCHMENT ID; ALLOWABLE RELEASE RATE *APPLIES TO BLOCKS WHERE THE 100Yr FLOWS ARE CONTROLLED TO THE MINOR SYSTEM STORM CAPACITY
- 0 / 0 — AREA (ha); RUNOFF COEFFICIENT
- E02-C / 0.43 | 0.40 — EXISTING AREA ID; EXISTING RUNOFF COEFFICIENT; EXISTING AREA (ha)
- SITE BOUNDARY

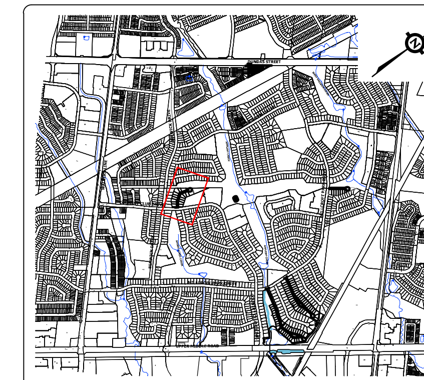
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MILLCROFT GREEN
CITY OF BURLINGTON

STORM DRAINAGE PLAN
(AREA C)

PROJECT No.	DATE	SCALE	DWG No.
17-526	DEC. 2020	1:750	STM-C





KEY PLAN
N.T.S.

LEGEND

PROPOSED WATERMAIN
EXISTING WATERMAIN
SITE BOUNDARY
HYDRANT AND VALVE
VALVE AND BOX

LICENSED PROFESSIONAL ENGINEER
A. M. FATA
100159069
Dec/18/2020
PROVINCE OF ONTARIO

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MILLCROFT GREEN
CITY OF BURLINGTON

WATER DISTRIBUTION PLAN
(AREA C)

PROJECT No.	DATE	SCALE	DWG No.
17-526	DEC. 2020	1:750	WM-C