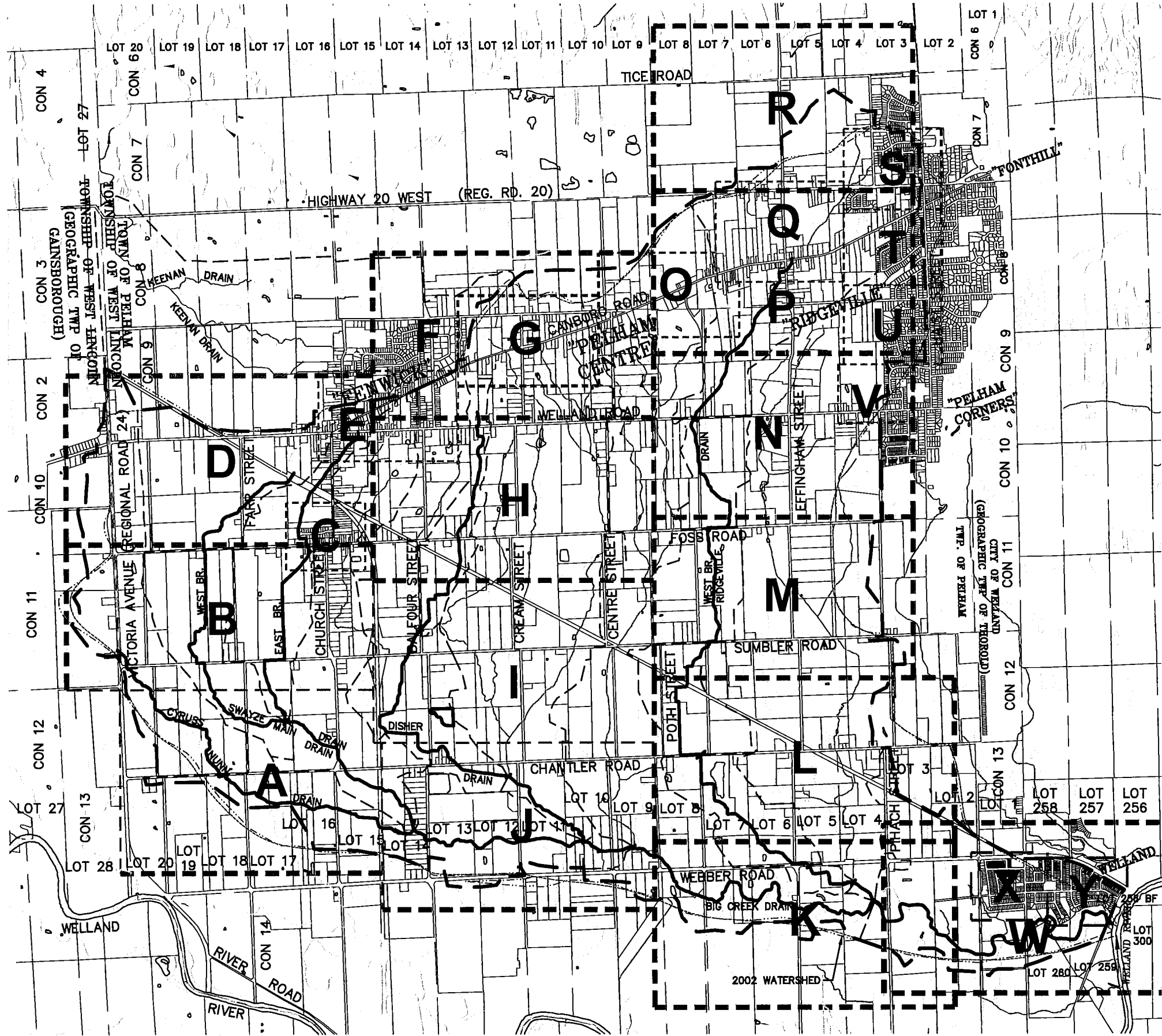


THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



PLAN LEGEND

- WATERSHED LIMIT
- - - SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- ~ DITCH OR WATERCOURSE
- Z- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- BUSH

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



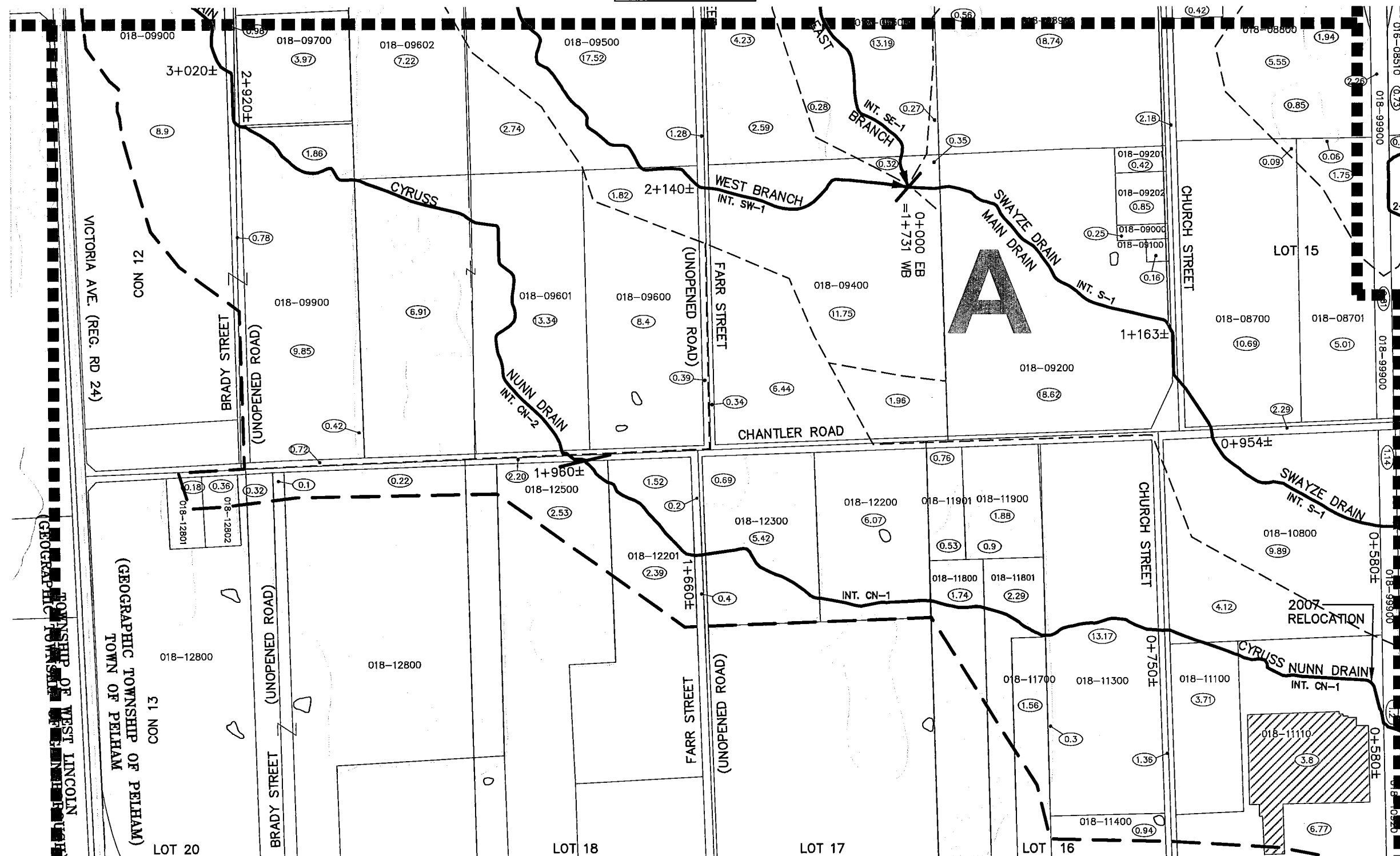
0 400 800m
 SCALE 1:40,000
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM
 REGION OF NIAGARA TOWN OF PELHAM
WATERSHED PLAN FEB. 10, 2022

REVISED:
 JOB NUMBER: 20-243
 DRAWING: 1 OF 26

K. SMART ASSOCIATES LIMITED
 CONSULTING ENGINEERS AND PLANNERS
 KITCHENER SUDBURY

ENLARGEMENT B



ENLARGEMENT I

ENLARGEMENT J

NOTE:
ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE BEGIN WITH 27-32-010-
i.e. 018-12201 IN FULL IS 27-32-010-018-12201

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- 0+860 - STATION (IN METERS)
- INT. 1 - INTERVAL AND NUMBER
- 0.4 - APPROXIMATE HECTARES IN WATERSHED
- 018-09500 - ASSESSMENT ROLL NUMBER
- BUSH
- GREENHOUSES

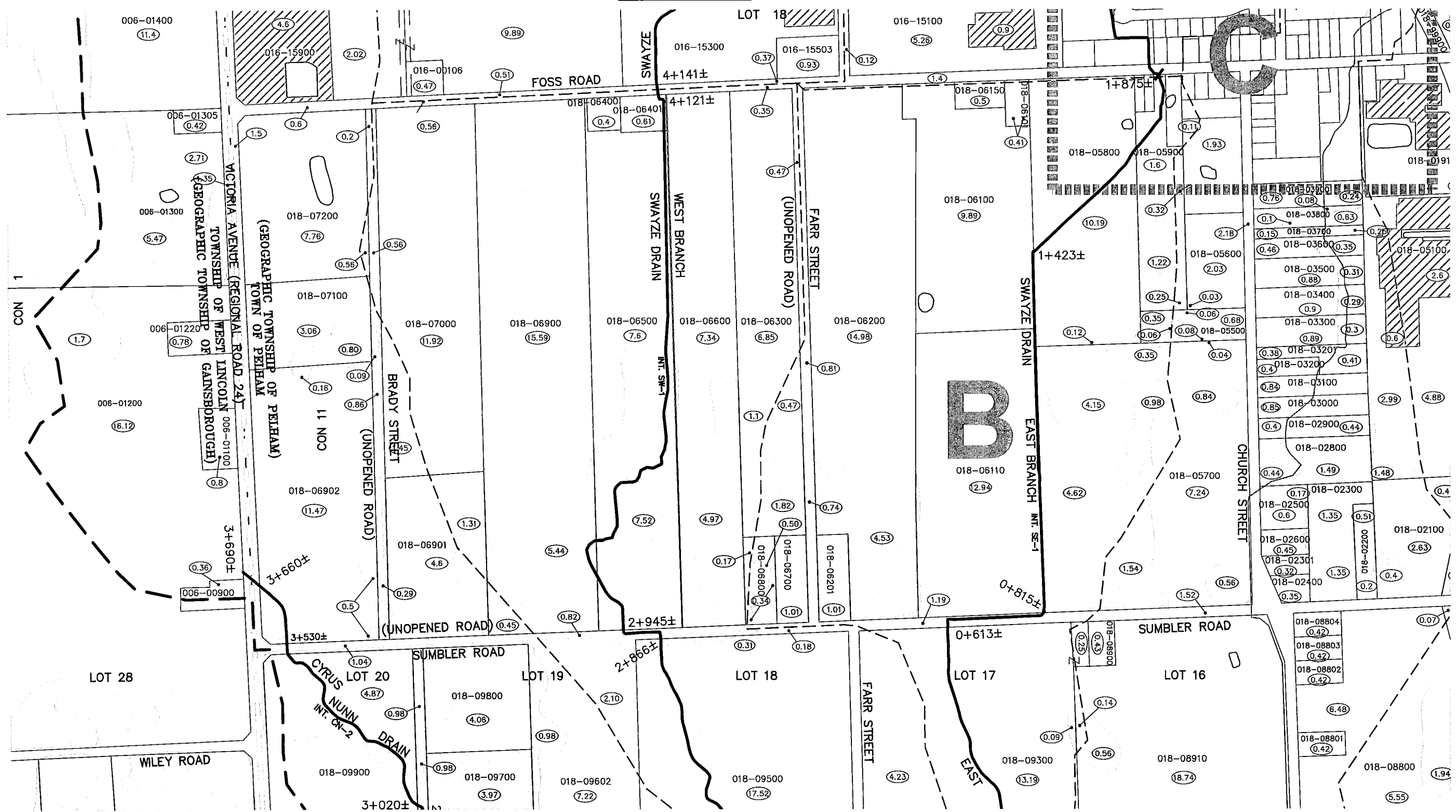
DESIGNED BY: N.W.M.
CHECKED BY: N.W.M.
DRAWN BY: N.M.B.
CHECKED BY: H.A.W.



0 75 150m
SCALE 1:7500
(ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT A	FEB. 17, 2022
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	REVISED:
	JOB NUMBER: 20-243
DRAWING 2 OF 26	

ENLARGEMENT D



ENLARGEMENTS H & I

PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- STATION (IN METERS)
- INTERVAL AND NUMBER
- APPROXIMATE HECTARES IN WATERSHED
- ASSESSMENT ROLL NUMBER
- BUSH
- GREENHOUSES

NOTES:
 ALL ASSESSMENT ROLL NUMBERS IN TOWN OF PELHAM BEGIN WITH 27-32-010-
 ie. 018-07200 IN FULL IS 27-32-010-018-07200
 ALL ASSESSMENT ROLL NUMBERS IN TOWNSHIP OF WEST LINCOLN BEGIN WITH 26-02-020-
 ie. 006-01100 IN FULL IS 26-02-020-006-01100

ENLARGEMENT A

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM
 REGION OF NIAGARA TOWN OF PELHAM
ENLARGEMENT B FEB. 17, 2022
 REVISED: JOB NUMBER: 20-243
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS
 KITCHENER SUBURBY
 DRAWING 3 OF 26

ENLARGEMENT D

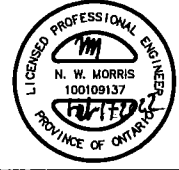
THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- 0+860** - STATION (IN METERS)
- (31+28)** - STATION (IN FEET)
- INT. SE-2** - INTERVAL AND NUMBER
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- (1.78)** - APPROXIMATE HECTARES IN WATERSHED
- 018-01902** - ASSESSMENT ROLL NUMBER
- BUSH
- GREENHOUSES

NOTE:
ALL ASSESSMENT ROLL NUMBERS BEGIN WITH 27-32-010-
ie. 018-07200 IN FULL IS 27-32-010-018-07200

DESIGNED BY: N.W.M.
CHECKED BY: N.W.M.
DRAWN BY: N.M.B.
CHECKED BY: H.A.W.



0 25 50m
SCALE 1:2,500
(ON 11"x17")

BIG CREEK DRAIN SYSTEM

REGION OF NIAGARA TOWN OF PELHAM
ENLARGEMENT C FEB. 10, 2022

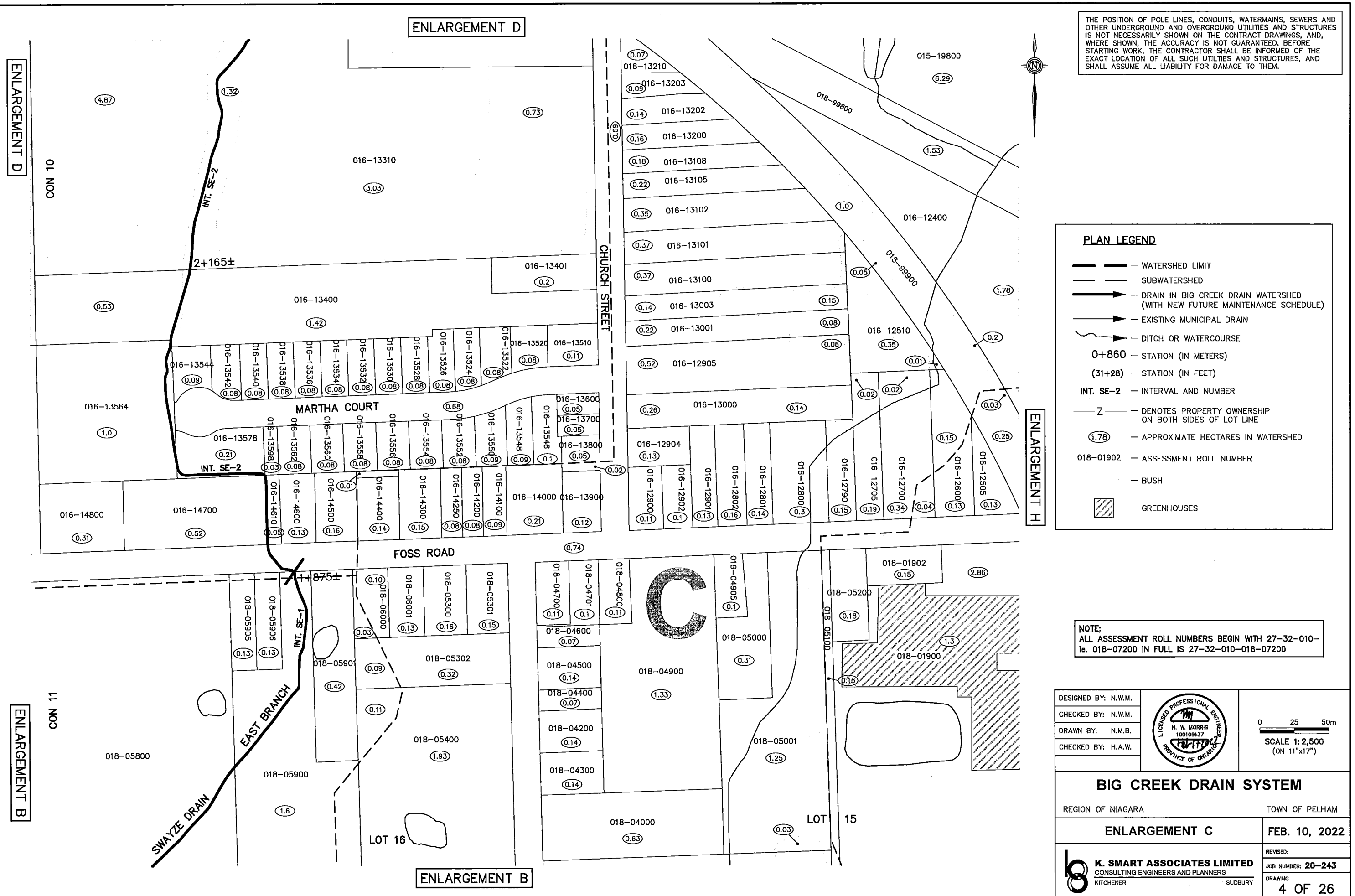
K. SMART ASSOCIATES LIMITED
CONSULTING ENGINEERS AND PLANNERS
KITCHENER SUDBURY
REVISED:
JOB NUMBER: **20-243**
DRAWING
4 OF 26

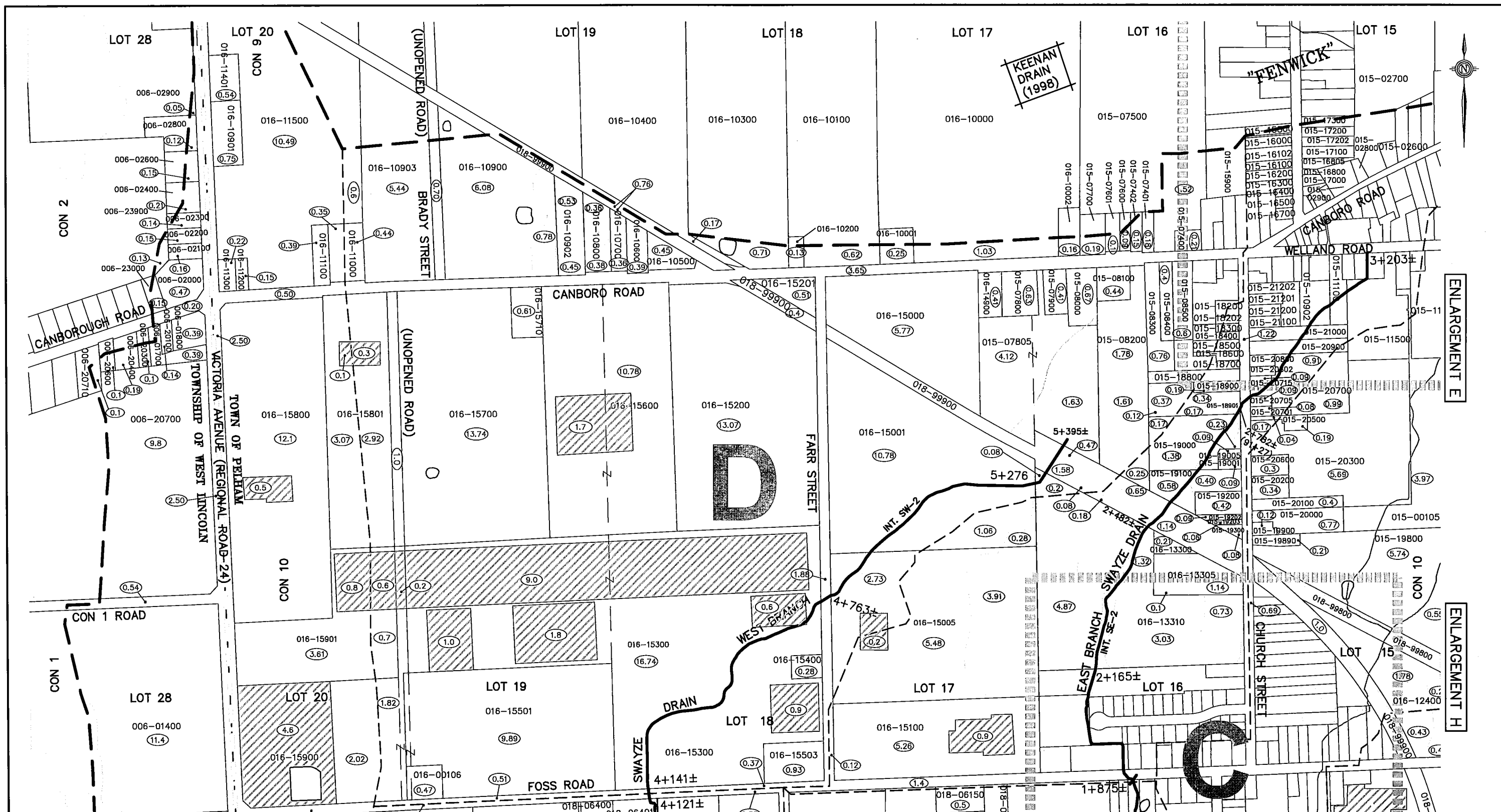
ENLARGEMENT D

ENLARGEMENT H

ENLARGEMENT B

ENLARGEMENT B





KEENAN DRAIN (1998)

"FENWICK"

D

C

ENLARGEMENT B

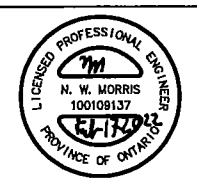
ENLARGEMENT E

ENLARGEMENT H

PLAN LEGEND	
	WATERSHED LIMIT
	SUBWATERSHED
	DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
	EXISTING MUNICIPAL DRAIN
	DITCH OR WATERCOURSE
	DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
	0+860 - STATION (IN METERS)
	INT. SW-2 - INTERVAL AND NUMBER
	0.4 - APPROXIMATE HECTARES IN WATERSHED
	016-15501 - ASSESSMENT ROLL NUMBER
	BUSH
	GREENHOUSES

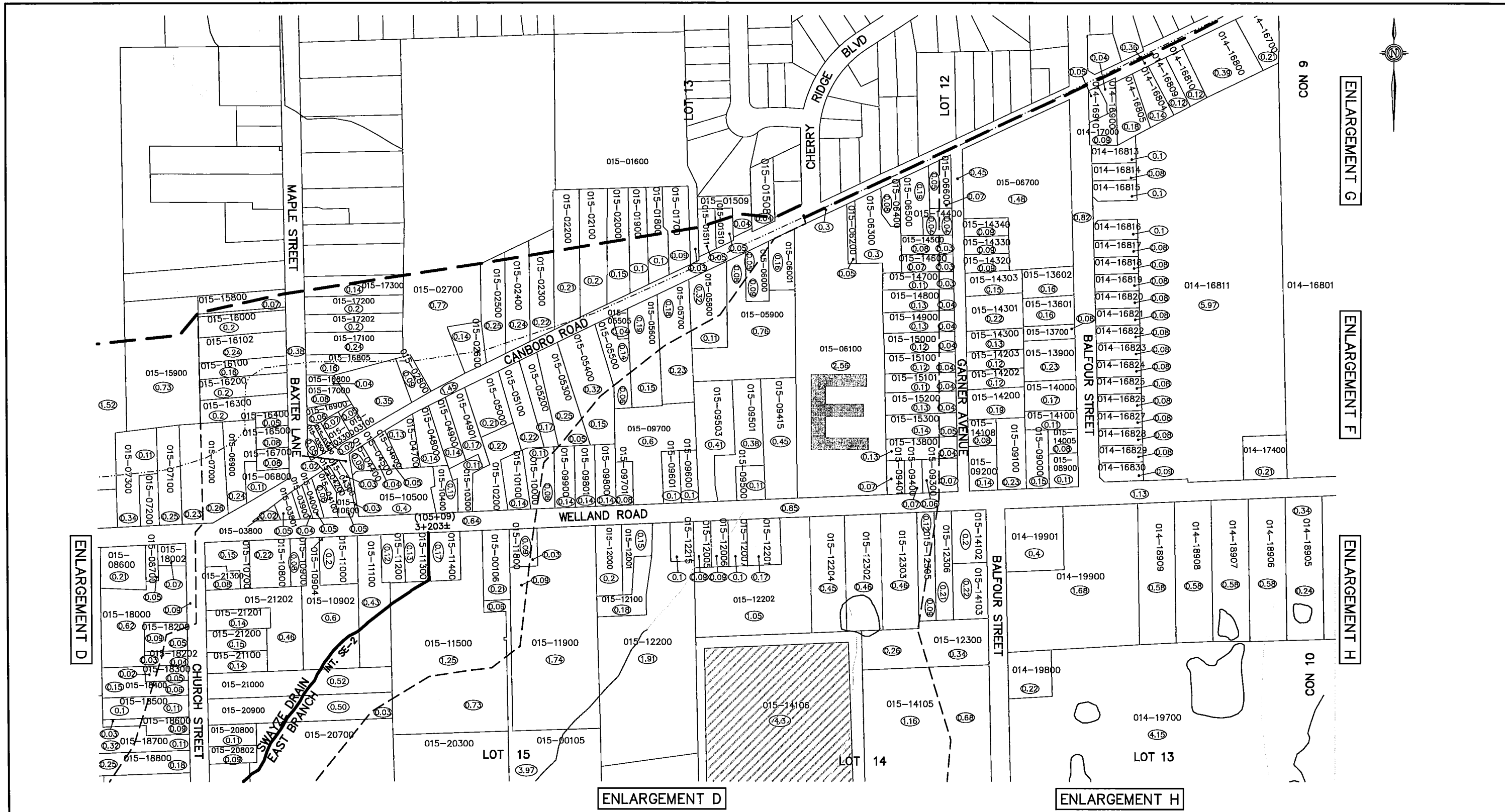
NOTES:
 ALL ASSESSMENT ROLL NUMBERS IN TOWN OF PELHAM BEGIN WITH 27-32-010-
 i.e. 018-07200 IN FULL IS 27-32-010-018-07200
 ALL ASSESSMENT ROLL NUMBERS IN TOWNSHIP OF WEST LINCOLN BEGIN WITH 26-02-020-
 i.e. 006-01100 IN FULL IS 26-02-020-006-01100

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT D	FEB. 10, 2022
	REVISED:
	JOB NUMBER: 20-243
	DRAWING 5 OF 26



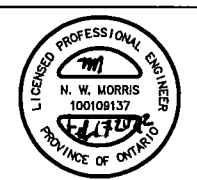
NOTE:
 ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE BEGIN WITH 27-32-010-
 ie. 014-19900 IN FULL IS 27-32-010-014-19900

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PLAN LEGEND

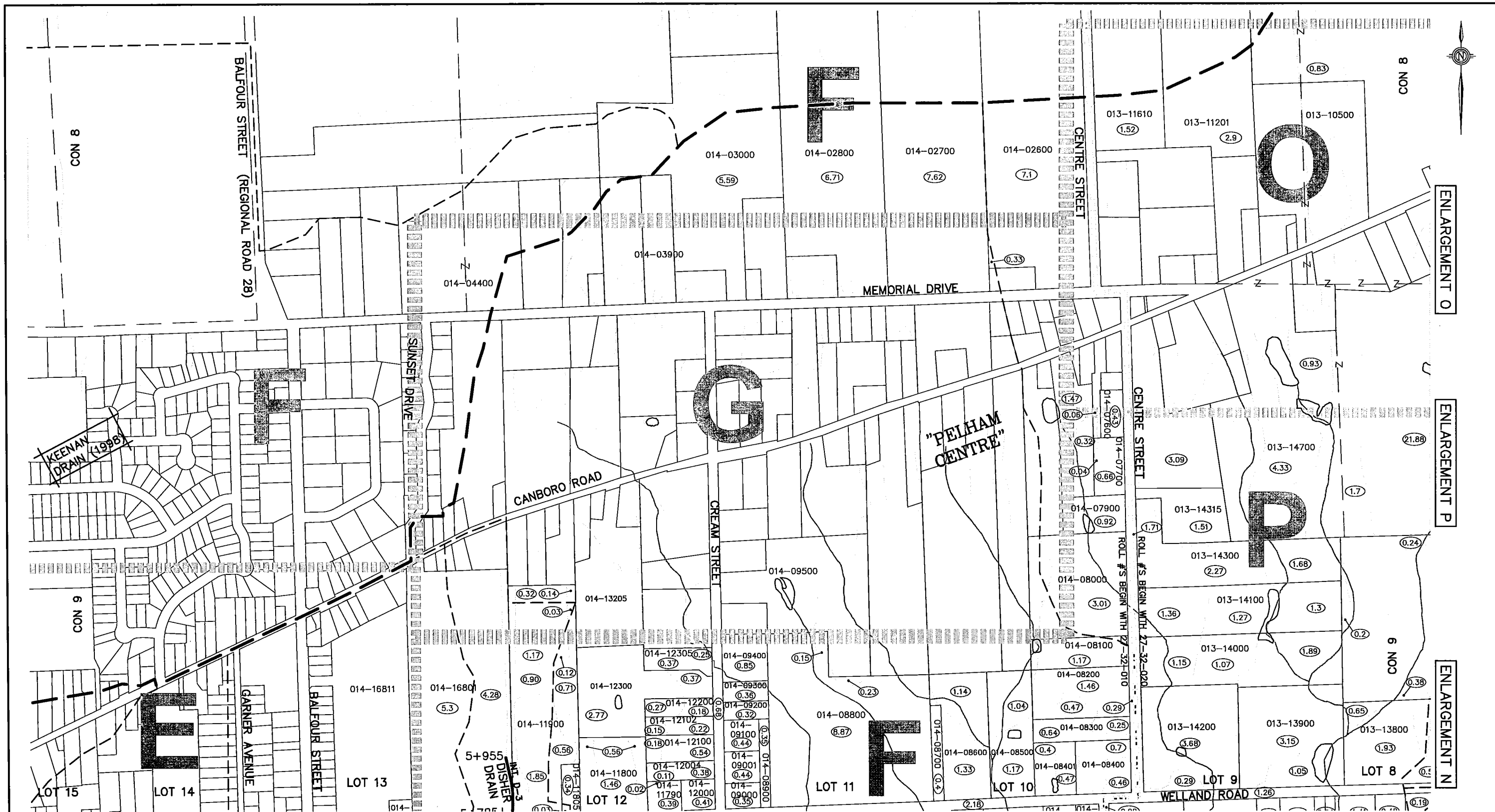
- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- O+860 - STATION (IN METERS)
- INT. SE-2 - INTERVAL AND NUMBER
- 0.4 - APPROXIMATE HECTARES IN WATERSHED
- 015-11900 - ASSESSMENT ROLL NUMBER
- BUSH
- GREENHOUSES

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



0 40 80m
 SCALE 1:4,000
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT E	FEB. 10, 2022
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	REVISED: JOB NUMBER: 20-243 DRAWING 6 OF 26



NOTES:
 ALL ASSESSMENT ROLL NUMBERS WEST OF CENTRE STREET BEGIN WITH 27-32-010-
 i.e. 018-07200 IN FULL IS 27-32-010-018-07200
 ALL ASSESSMENT ROLL NUMBERS EAST OF CENTRE STREET BEGIN WITH 27-32-020-
 i.e. 013-14300 IN FULL IS 27-32-020-013-14300

PLAN LEGEND	
	WATERSHED LIMIT
	SUBWATERSHED
	DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
	EXISTING MUNICIPAL DRAIN
	DITCH OR WATERCOURSE
	DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
	5+955 - STATION (IN METERS)
	APPROXIMATE HECTARES IN WATERSHED
	ASSESSMENT ROLL NUMBER
	BUSH

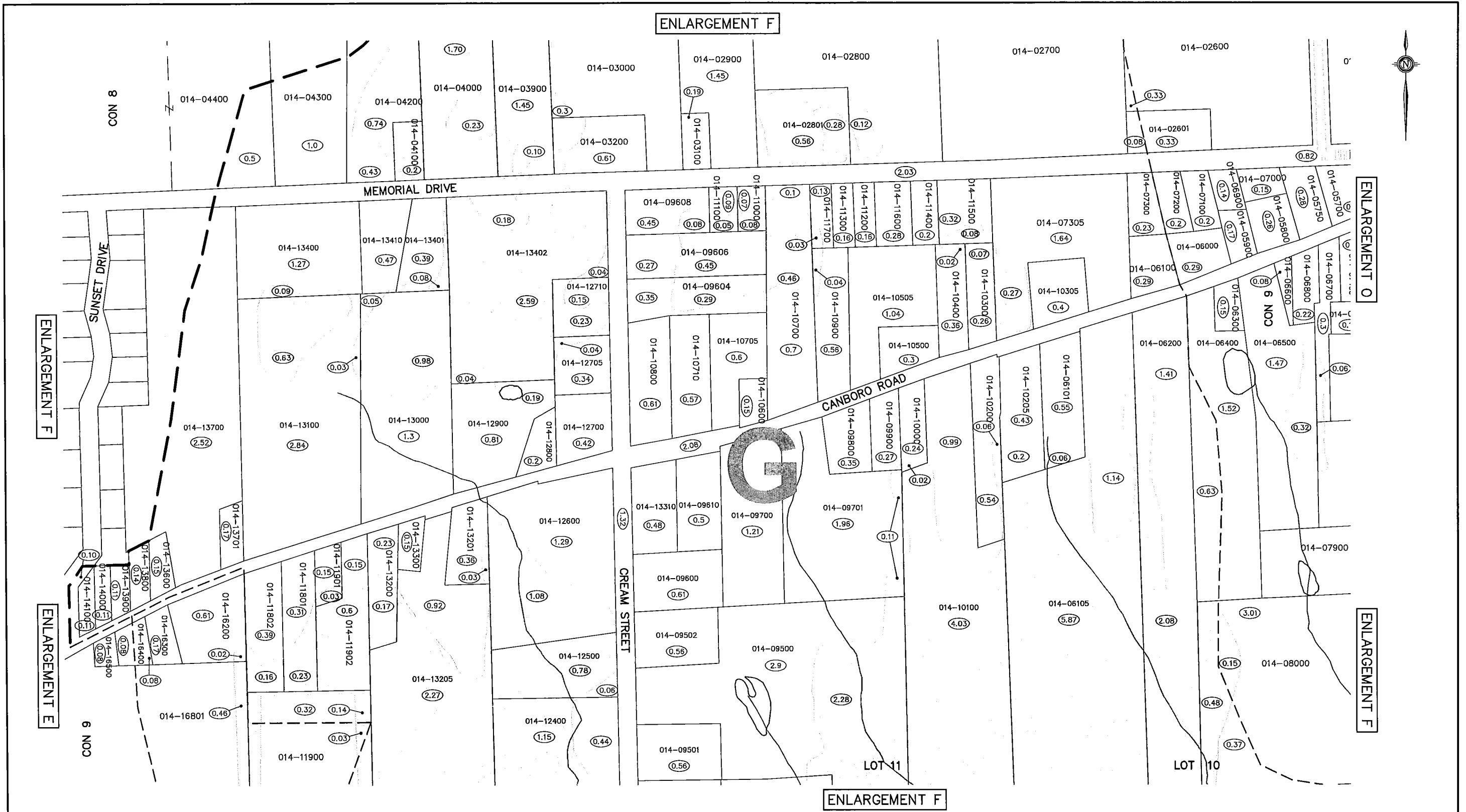
ENLARGEMENT H

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT F	FEB. 10, 2022
	REVISED:
	JOB NUMBER: 20-243
	DRAWING 7 OF 26



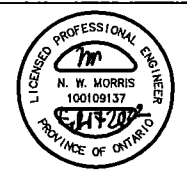
NOTE:
 ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE BEGIN WITH 27-32-010-
 i.e. 014-10100 IN FULL IS 27-32-010-014-10100

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS. AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PLAN LEGEND

- Z — DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- (0.4) APPROXIMATE HECTARES IN WATERSHED
- 014-09501 ASSESSMENT ROLL NUMBER
- BUSH

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



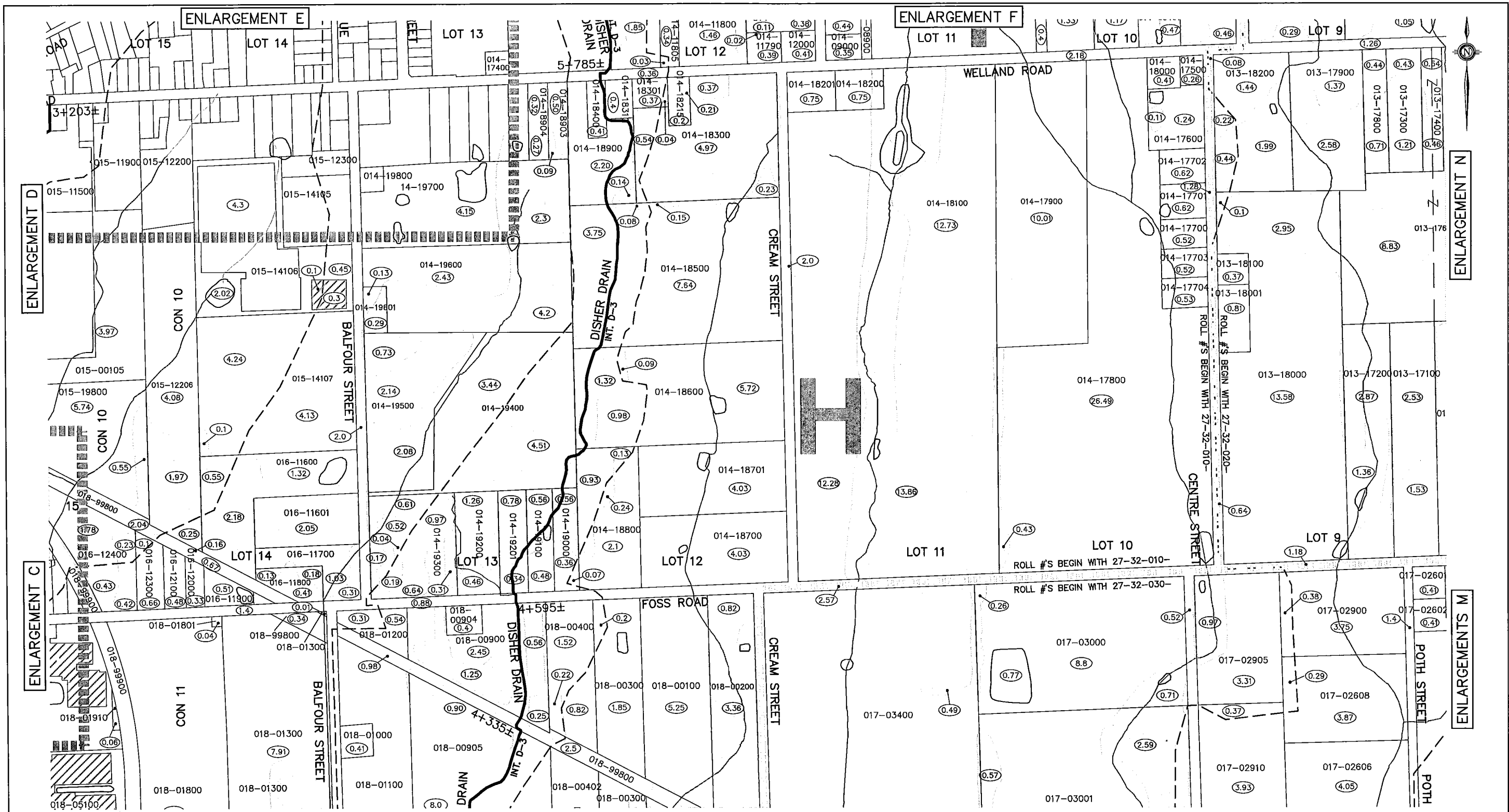
0 40 80m
 SCALE 1:4,000
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM
 REGION OF NIAGARA TOWN OF PELHAM

ENLARGEMENT G FEB. 10, 2022

REVISIONS:
 JOB NUMBER: 20-243
 DRAWING: 8 OF 26

K. SMART ASSOCIATES LIMITED
 CONSULTING ENGINEERS AND PLANNERS
 KITCHENER SUDBURY

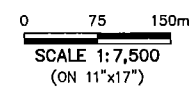


NOTES:
 ALL ASSESSMENT ROLL NUMBERS WEST OF CENTRE STREET NORTH OF FOSS ROAD BEGIN WITH 27-32-010-
 i.e. 014-17800 IN FULL IS 27-32-010-014-17800
 ALL ASSESSMENT ROLL NUMBERS EAST OF CENTRE STREET NORTH OF FOSS ROAD BEGIN WITH 27-32-020-
 i.e. 013-14300 IN FULL IS 27-32-020-013-14300
 ALL ASSESSMENT ROLL NUMBERS SOUTH OF FOSS ROAD BEGIN WITH 27-32-030-
 i.e. 017-03400 IN FULL IS 27-32-030-017-03400

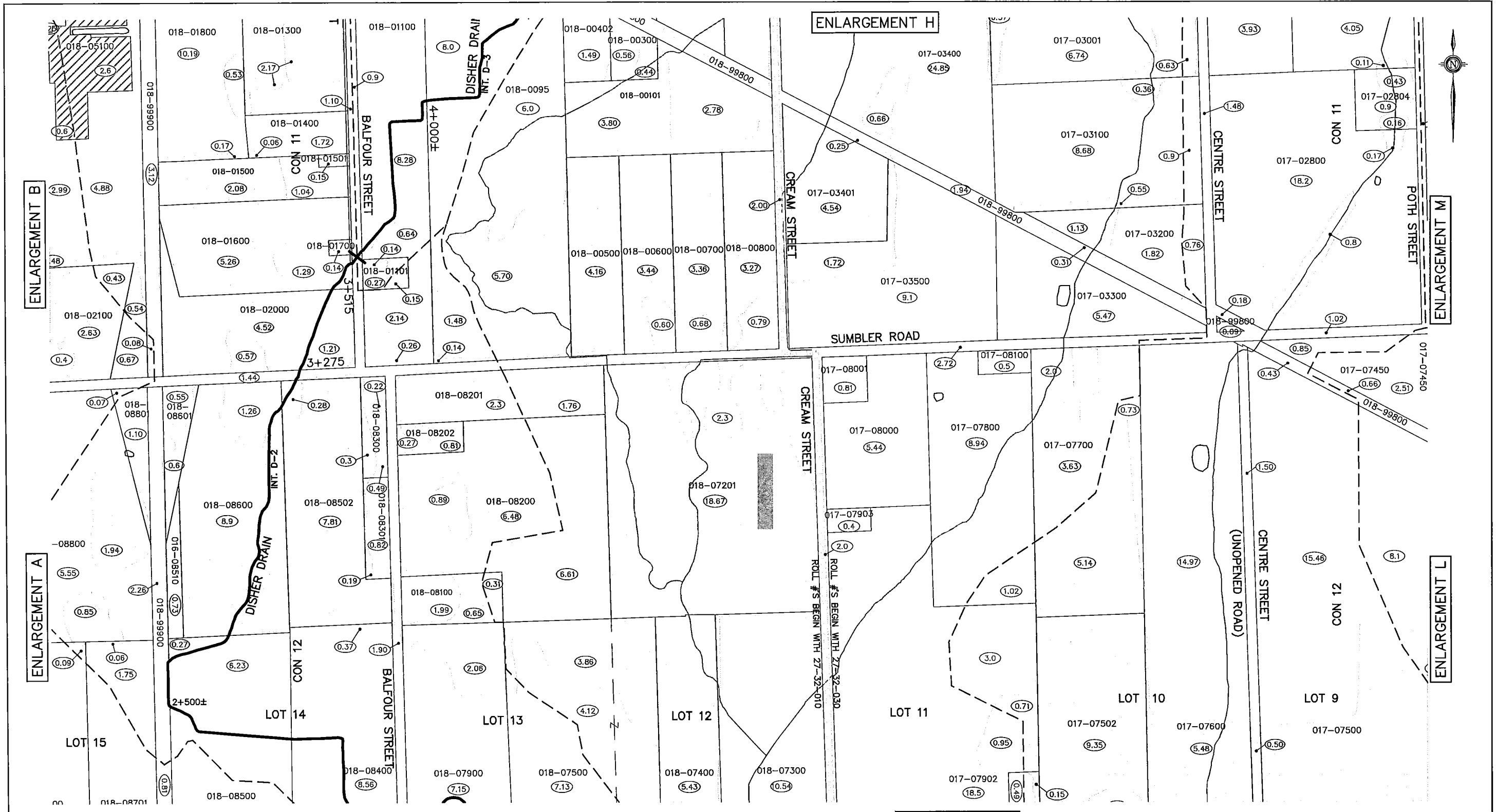
PLAN LEGEND	
	WATERSHED LIMIT
	SUBWATERSHED
	DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
	EXISTING MUNICIPAL DRAIN
	DITCH OR WATERCOURSE
	DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
	STATION (IN METERS)
	INTERVAL AND NUMBER
	APPROXIMATE HECTARES IN WATERSHED
	ASSESSMENT ROLL NUMBER
	BUSH
	GREENHOUSES



DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT H	FEB. 10, 2022
	K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY
	REVISED: JOB NUMBER: 20-243 DRAWING 9 OF 26



ENLARGEMENT H

ENLARGEMENT J

PLAN LEGEND		3+515 - STATION (IN METERS)
	WATERSHED LIMIT	
	SUBWATERSHED	
	DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)	INT. D-3 - INTERVAL AND NUMBER
	EXISTING MUNICIPAL DRAIN	7.13 - APPROXIMATE HECTARES IN WATERSHED
	DITCH OR WATERCOURSE	018-07300 - ASSESSMENT ROLL NUMBER
	GREENHOUSES	- BUSH

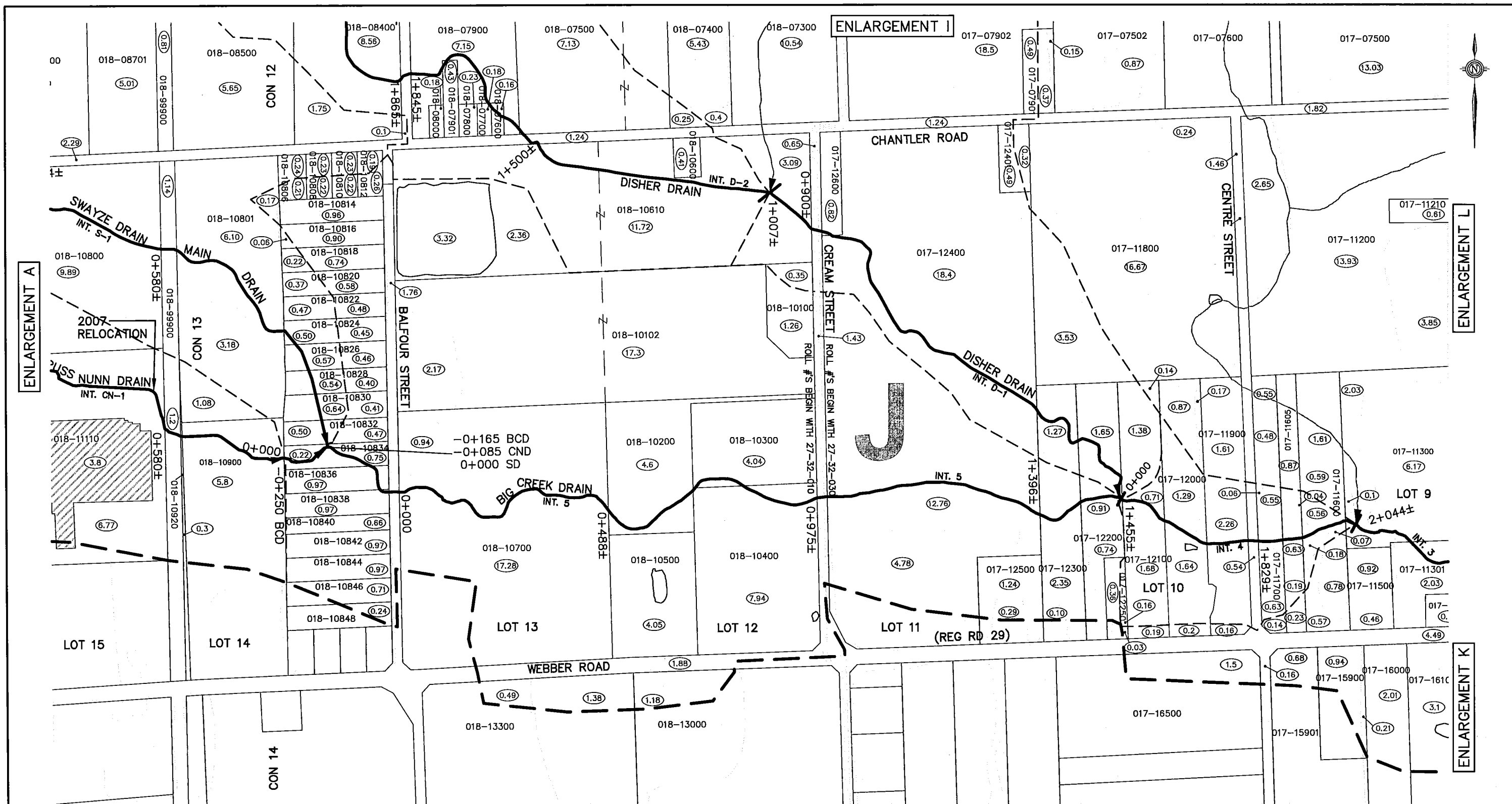
NOTES:
 ALL ASSESSMENT ROLL NUMBERS WEST OF CREAM STREET BEGIN WITH 27-32-010-
 i.e. 018-07200 IN FULL IS 27-32-010-018-07200
 ALL ASSESSMENT ROLL NUMBERS EAST OF CREAM STREET BEGIN WITH 27-32-030-
 i.e. 017-07600 IN FULL IS 27-32-030-017-07600

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT I	FEB. 17, 2022
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	REVISED:
	JOB NUMBER: 20-243
	DRAWING
	10 OF 26

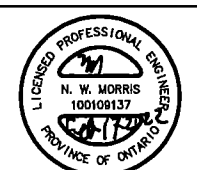


PLAN LEGEND

- WATERSHED LIMIT
- - - SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- ~ DITCH OR WATERCOURSE
- Z- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- 0+488± - STATION (IN METERS)
- INT. 5 - INTERVAL AND NUMBER
- 0.4 - APPROXIMATE HECTARES IN WATERSHED
- 018-10400 - ASSESSMENT ROLL NUMBER
- BUSH
- ▨ GREENHOUSES

NOTES:
 ALL ASSESSMENT ROLL NUMBERS WEST OF CREAM STREET BEGIN WITH 27-32-010-
 i.e. 018-07200 IN FULL IS 27-32-010-018-07200
 ALL ASSESSMENT ROLL NUMBERS EAST OF CREAM STREET BEGIN WITH 27-32-030-
 i.e. 017-07600 IN FULL IS 27-32-030-017-07600

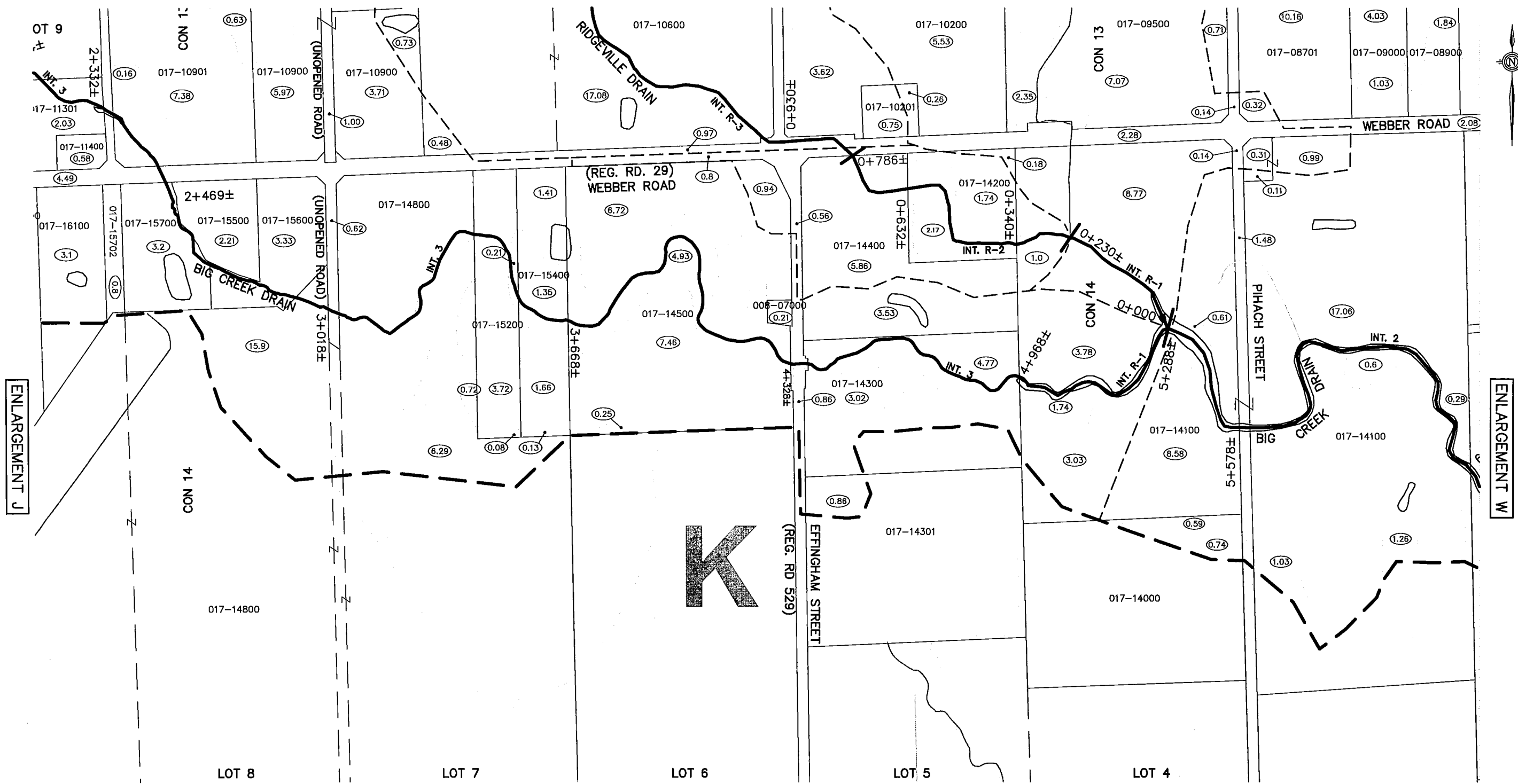
DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT J	FEB. 10, 2022
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	REVISED:
	JOB NUMBER: 20-243
	DRAWING: 11 OF 26

ENLARGEMENT L



ENLARGEMENT J

ENLARGEMENT W

PLAN LEGEND

- WATERSHED LIMIT
- - - - - SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- Z - DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- 0+230± - STATION (IN METERS)
- INT. R-1 - INTERVAL AND NUMBER
- ④ - APPROXIMATE HECTARES IN WATERSHED
- 018-10400 - ASSESSMENT ROLL NUMBER
- BUSH

NOTE:
ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE BEGIN WITH 27-32-030-
ie. 017-14000 IN FULL IS 27-32-030-017-14000

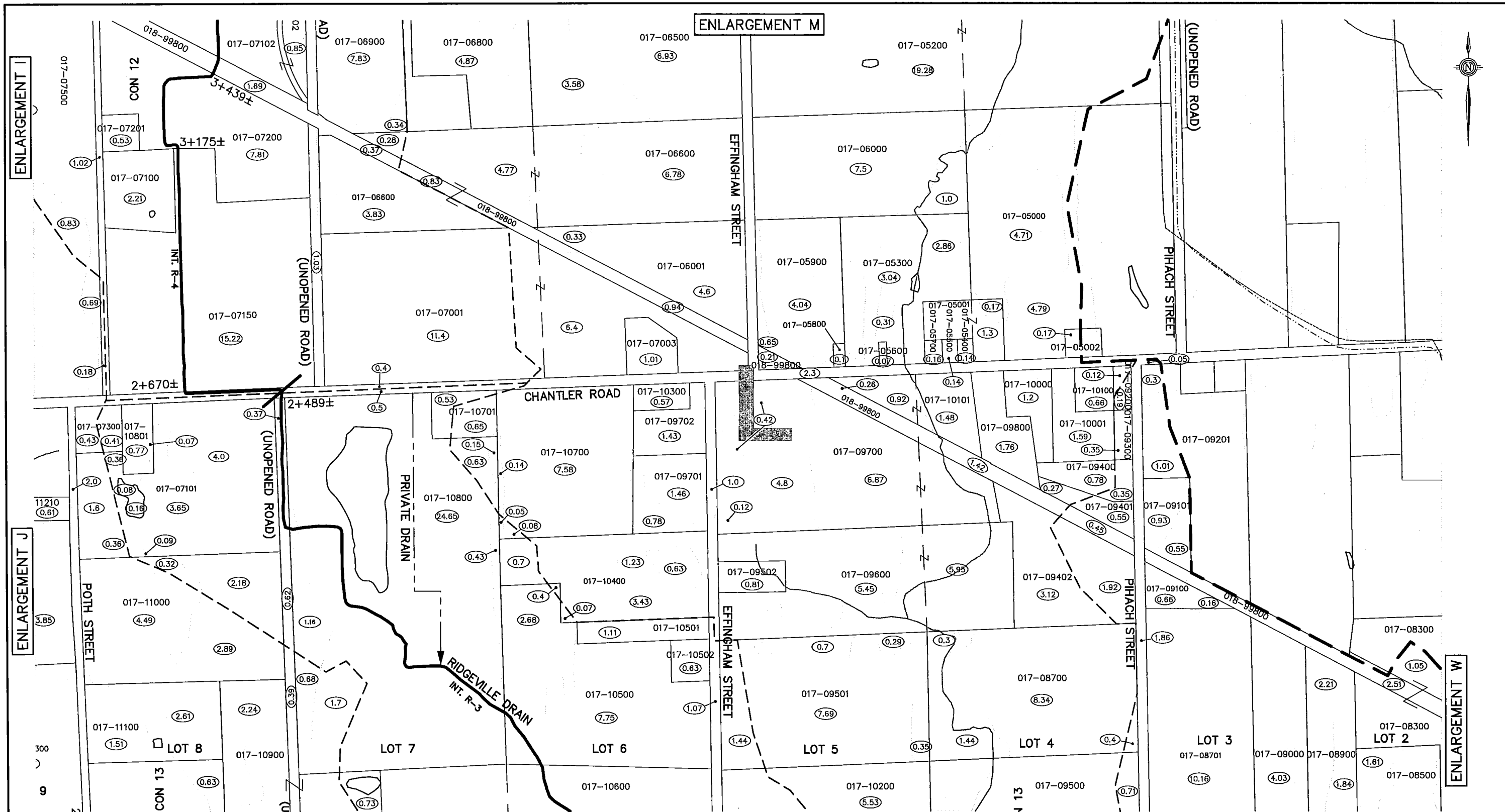
THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

DESIGNED BY: N.W.M.
CHECKED BY: N.W.M.
DRAWN BY: D.C.P.
CHECKED BY: H.A.W.



0 75 150m
SCALE 1:7,500
(ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT K	FEB. 10, 2022
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	REVISED:
	JOB NUMBER: 20-243
	DRAWING: 12 OF 26

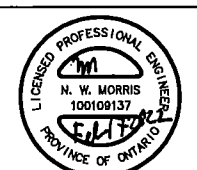


NOTE:
 ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE
 BEGIN WITH 27-32-030-
 i.e. 017-07600 IN FULL IS 27-32-030-017-07600

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

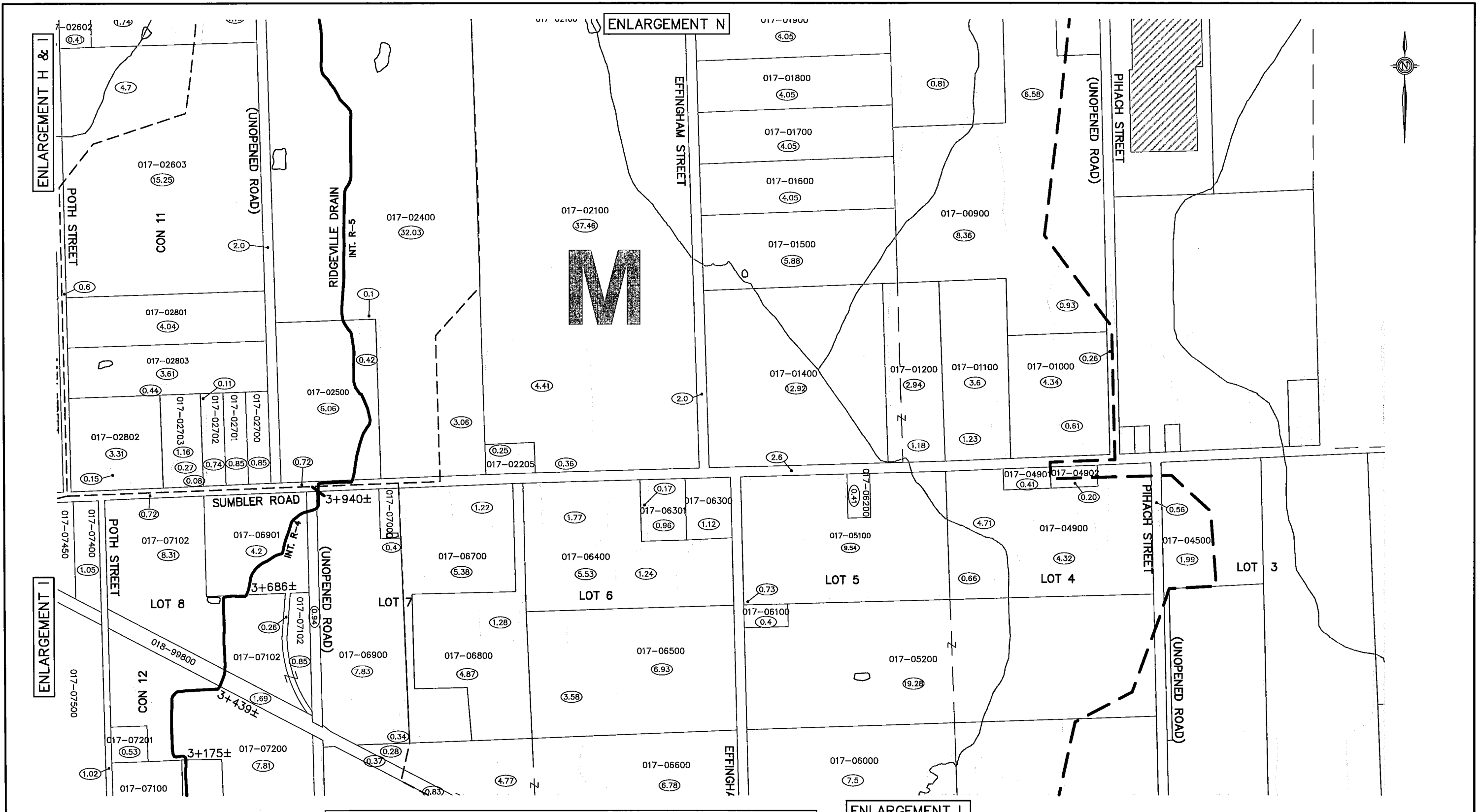
PLAN LEGEND	
	WATERSHED LIMIT
	SUBWATERSHED
	DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
	EXISTING MUNICIPAL DRAIN
	DITCH OR WATERCOURSE
	DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
	0+860 - STATION (IN METERS)
	INT. 5 - INTERVAL AND NUMBER
	0.4 - APPROXIMATE HECTARES IN WATERSHED
	018-10400 - ASSESSMENT ROLL NUMBER
	BUSH

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT L	FEB. 10, 2022
	REVISED:
	JOB NUMBER: 20-243
	DRAWING: 13 OF 26



NOTE:
 ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE
 BEGIN WITH 27-32-030-
 i.e. 017-06500 IN FULL IS 27-32-030-017-06500

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND
 OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES
 IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND,
 WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE
 STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE
 EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND
 SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE

3+175 - STATION (IN METERS)
 INT. R-5 - INTERVAL AND NUMBER
 0.4 - APPROXIMATE HECTARES IN WATERSHED
 018-10400 - ASSESSMENT ROLL NUMBER
 - BUSH

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM

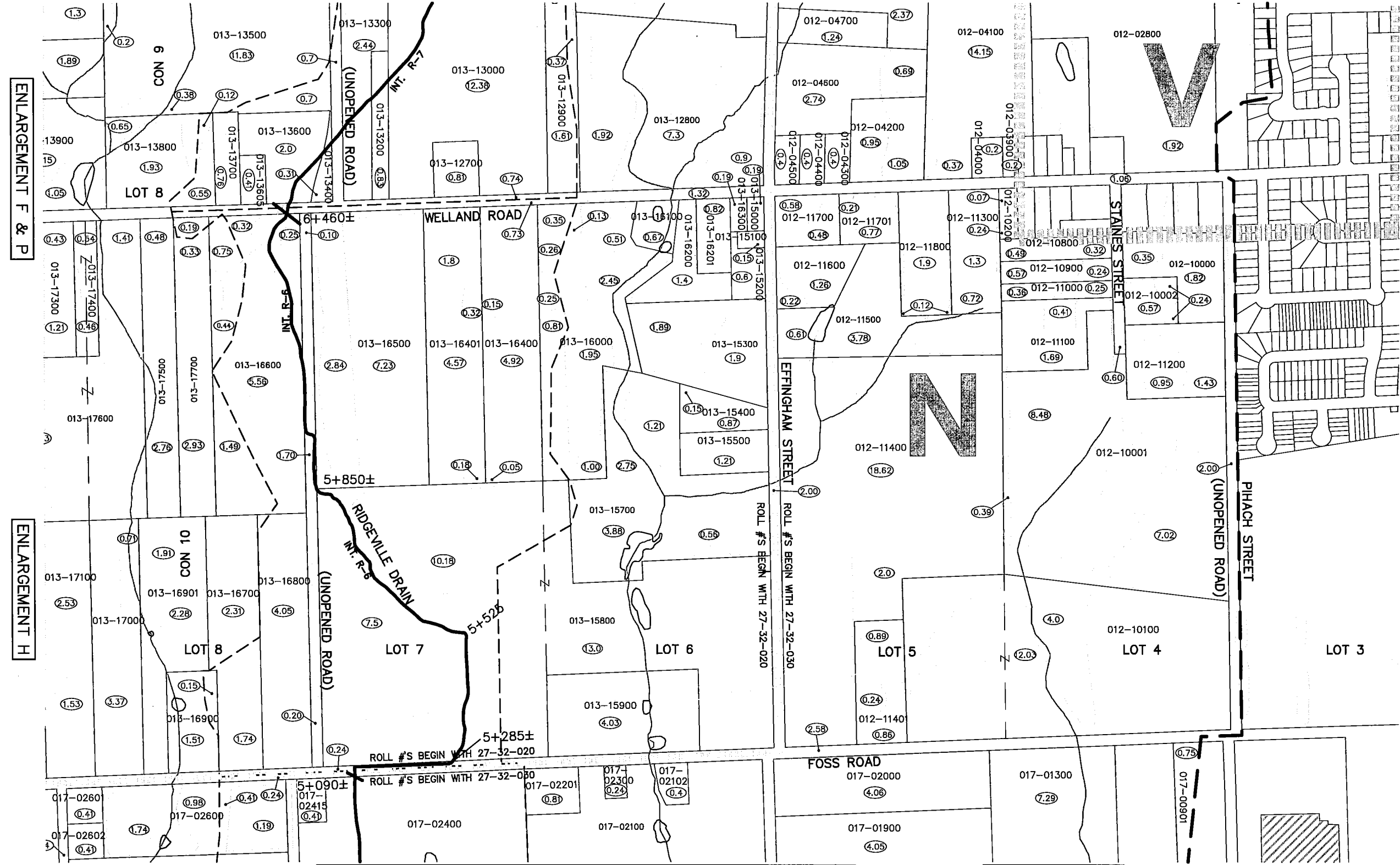
REGION OF NIAGARA TOWN OF PELHAM

ENLARGEMENT M FEB. 10, 2022

K. SMART ASSOCIATES LIMITED
 CONSULTING ENGINEERS AND PLANNERS
 KITCHENER SUDBURY

REVISED:
 JOB NUMBER: 20-243
 DRAWING
14 OF 26

ENLARGEMENT P



ENLARGEMENT F & P

ENLARGEMENT H

ENLARGEMENT M

PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- STATION (IN METERS)
- INTERVAL AND NUMBER
- APPROXIMATE HECTARES IN WATERSHED
- ASSESSMENT ROLL NUMBER
- BUSH
- GREENHOUSES

NOTES:
 ALL ASSESSMENT ROLL NUMBERS WEST OF EFFINGHAM STREET NORTH OF FOSS ROAD BEGIN WITH 27-32-020-
 i.e. 013-14300 IN FULL IS 27-32-020-013-14300
 ALL ASSESSMENT ROLL NUMBERS SOUTH OF FOSS ROAD AND EAST OF EFFINGHAM STREET BEGIN WITH 27-32-030-
 i.e. 017-07600 IN FULL IS 27-32-030-017-07600

BIG CREEK DRAIN SYSTEM

REGION OF NIAGARA TOWN OF PELHAM

ENLARGEMENT N

FEB. 10, 2022

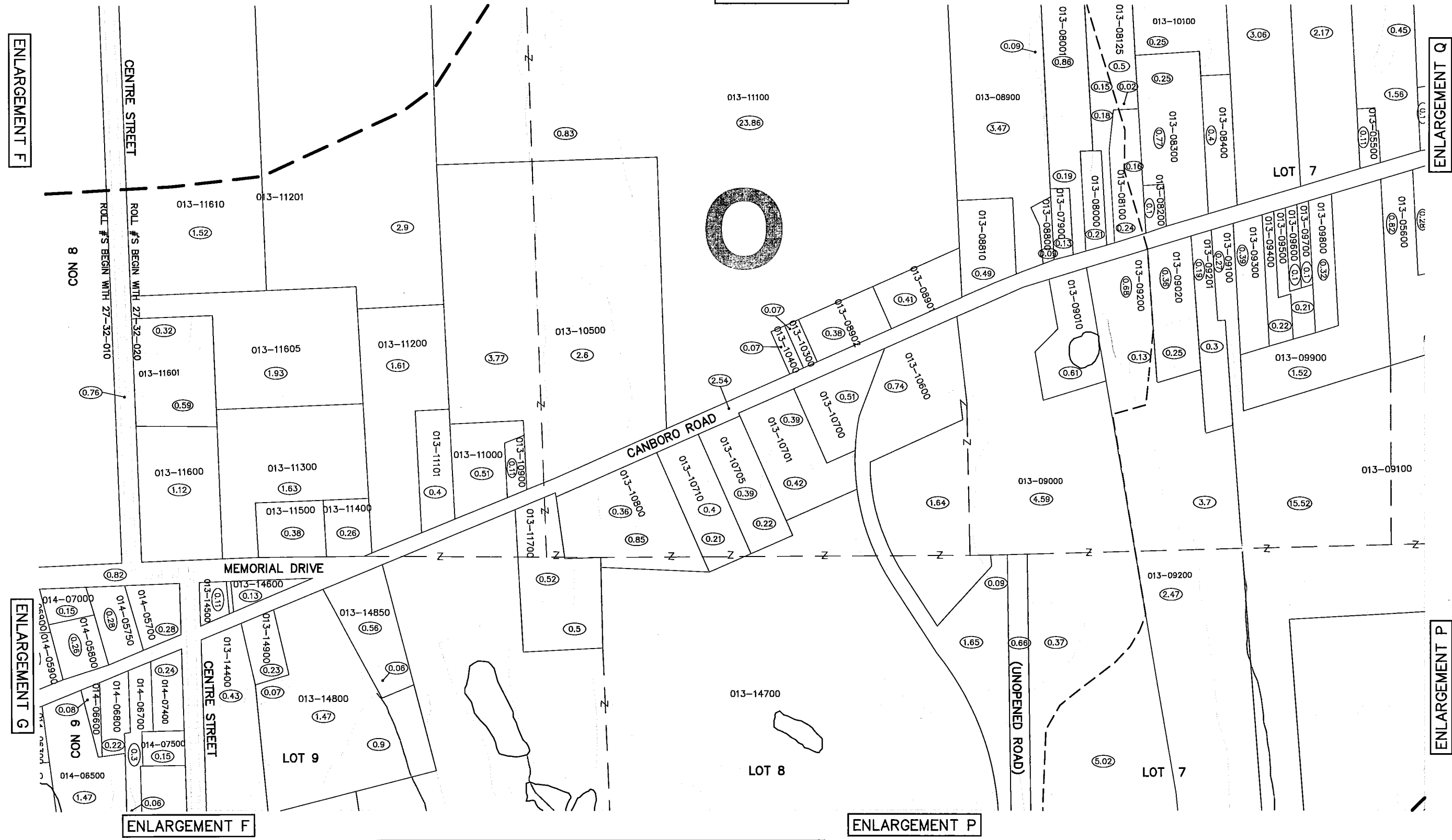
DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.

SCALE 1:7,500
 (ON 11"x17")

K. SMART ASSOCIATES LIMITED
 CONSULTING ENGINEERS AND PLANNERS
 SUDBURY

REVISED:
 JOB NUMBER: 20-243
 DRAWING
15 OF 26

ENLARGEMENT P



NOTES:
 ALL ASSESSMENT ROLL NUMBERS WEST OF CENTRE STREET BEGIN WITH 27-32-010-
 i.e. 014-02600 IN FULL IS 27-32-010-014-02600
 ALL ASSESSMENT ROLL NUMBERS EAST OF CENTRE STREET BEGIN WITH 27-32-020-
 i.e. 013-14300 IN FULL IS 27-32-020-013-14300

PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- APPROXIMATE HECTARES IN WATERSHED
- ASSESSMENT ROLL NUMBER
- BUSH

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



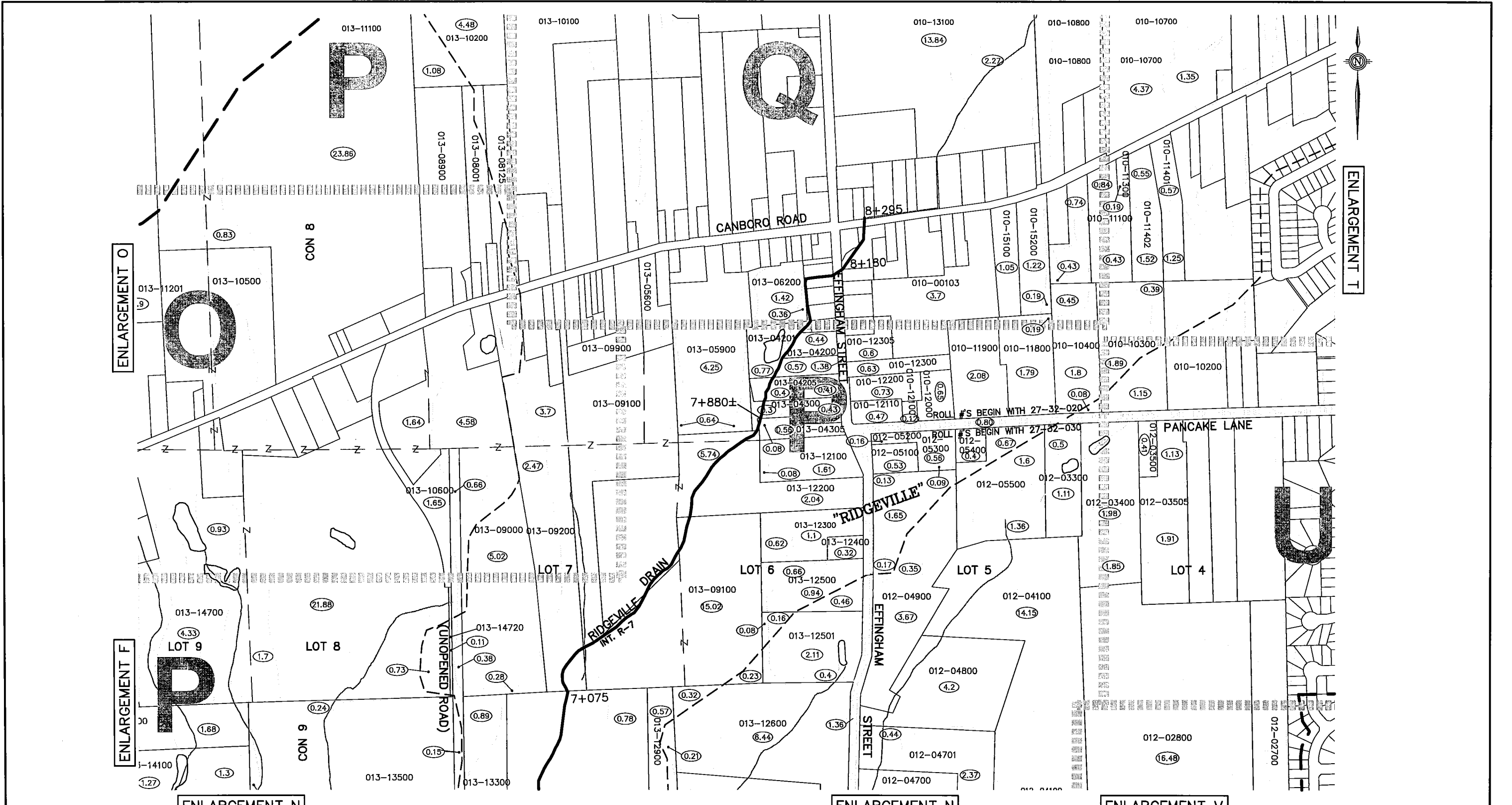
0 40 80m
 SCALE 1:4,000
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM
 REGION OF NIAGARA TOWN OF PELHAM

ENLARGEMENT O FEB. 10, 2022

REVISED:
 JOB NUMBER: 20-243
 DRAWING: 16 OF 26

K. SMART ASSOCIATES LIMITED
 CONSULTING ENGINEERS AND PLANNERS
 KITCHENER SUDBURY



ENLARGEMENT O

ENLARGEMENT F

ENLARGEMENT N

ENLARGEMENT N

ENLARGEMENT V

ENLARGEMENT T

PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE

7+075 - STATION (IN METERS)

INT. R-7 - INTERVAL AND NUMBER

(3.7) - APPROXIMATE HECTARES IN WATERSHED

018-12501 - ASSESSMENT ROLL NUMBER

- BUSH

NOTES:
 ALL ASSESSMENT ROLL NUMBERS NORTH OF PANCAKE LANE AND EAST OF EFFINGHAM STREET BEGIN WITH 27-32-020 i.e. 013-14300 IN FULL IS 27-32-020-013-14300

ALL ASSESSMENT ROLL NUMBERS SOUTH OF PANCAKE LANE AND WEST OF EFFINGHAM STREET BEGIN WITH 27-32-030- i.e. 017-07600 IN FULL IS 27-32-030-017-07600

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.



0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM

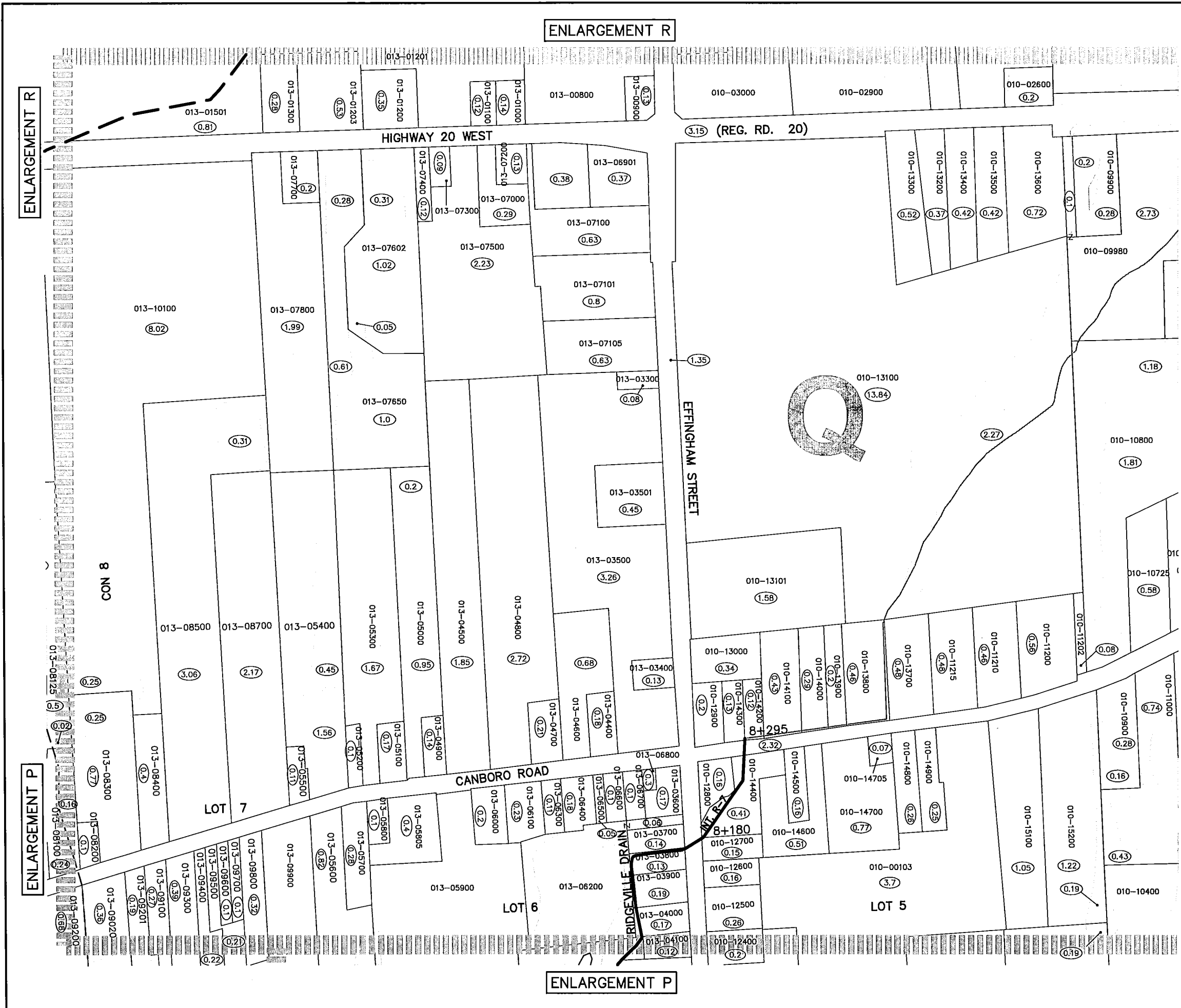
REGION OF NIAGARA TOWN OF PELHAM

ENLARGEMENT P

FEB. 10, 2022

REVISED:
 JOB NUMBER: 20-243
 DRAWING
 17 OF 26

K. SMART ASSOCIATES LIMITED
 CONSULTING ENGINEERS AND PLANNERS
 KITCHENER SUDBURY



PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- 8+604** - STATION (IN METERS)
- INT. R-7** - INTERVAL AND NUMBER
- APPROXIMATE HECTARES IN WATERSHED
- 010-10725 - ASSESSMENT ROLL NUMBER
- BUSH

NOTE:
 ALL ASSESSMENT ROLL NUMBERS BEGIN WITH 27-32-020- ie. 013-12200
 IN FULL IS 27-32-020-013-12200

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: D.C.P.
 CHECKED BY: H.A.W.



0 40 80m
SCALE 1:4,000
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM

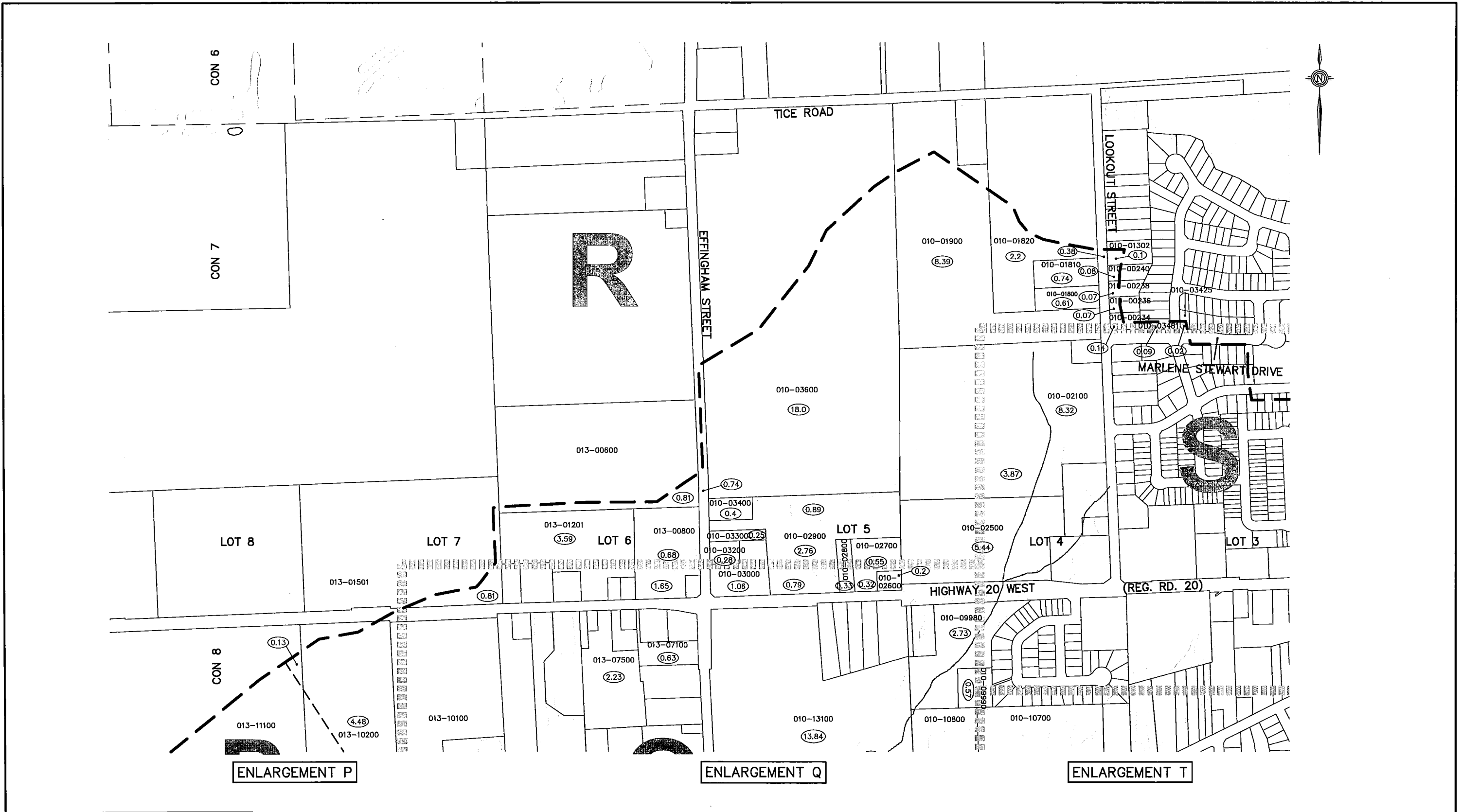
REGION OF NIAGARA TOWN OF PELHAM

ENLARGEMENT Q

FEB. 10, 2022

K. SMART ASSOCIATES LIMITED
 CONSULTING ENGINEERS AND PLANNERS
 KITCHENER SUDBURY

REVISED:
 JOB NUMBER: 20-243
 DRAWING
18 OF 26



NOTE:
 ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE
 BEGIN WITH 27-32-020-
 i.e. 013-14300 IN FULL IS 27-32-020-013-14300

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND
 OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES
 IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND,
 WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE
 STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE
 EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND
 SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PLAN LEGEND	
	WATERSHED LIMIT
	SUBWATERSHED
	DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
	EXISTING MUNICIPAL DRAIN
	DITCH OR WATERCOURSE
	DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
	APPROXIMATE HECTARES IN WATERSHED
	ASSESSMENT ROLL NUMBER
	BUSH

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: D.C.P.
 CHECKED BY: H.A.W.



0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT R	FEB. 10, 2022
	REVISED: JOB NUMBER: 20-243
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	DRAWING 19 OF 26

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

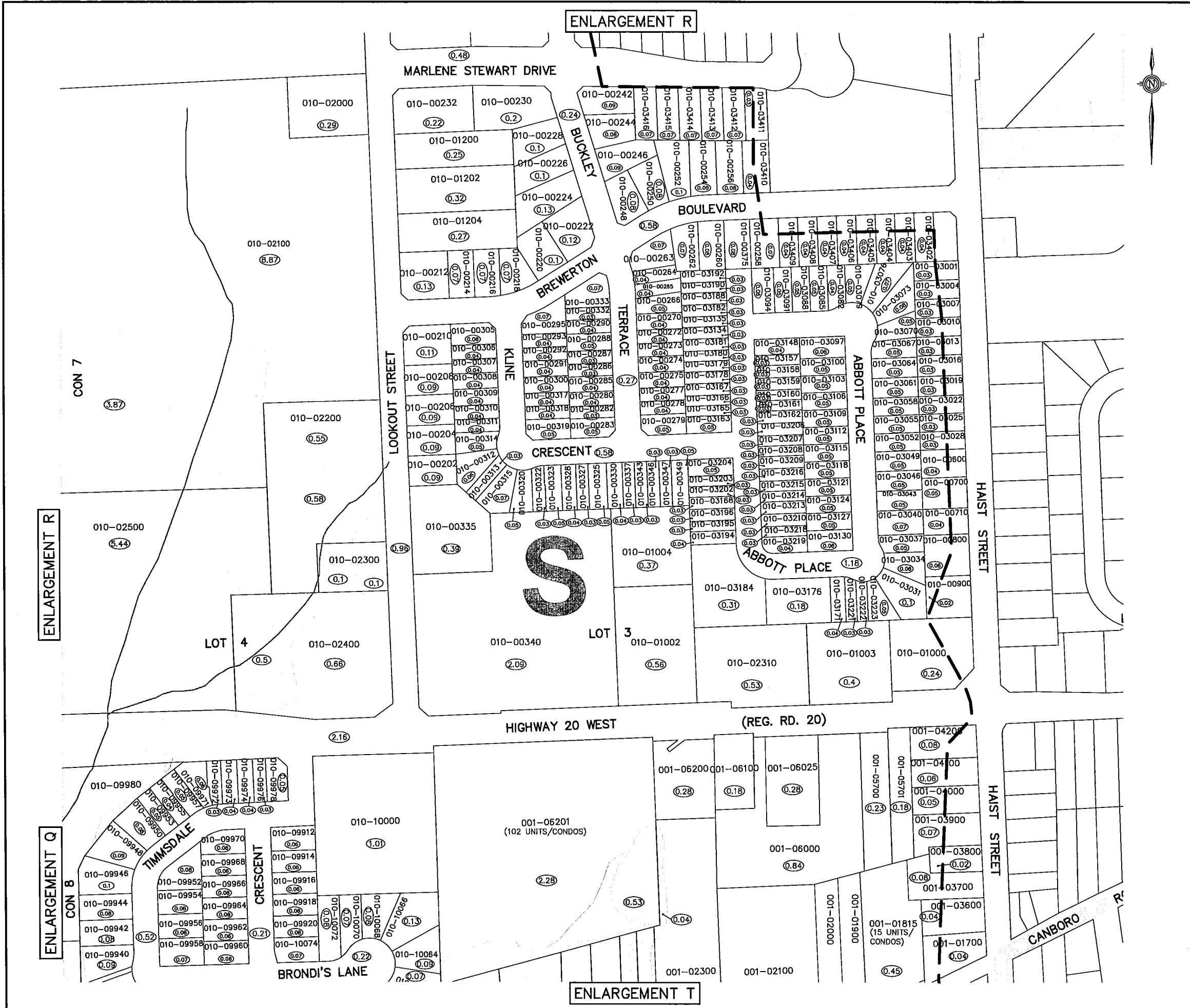
PLAN LEGEND

- WATERSHED LIMIT
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- APPROXIMATE HECTARES IN WATERSHED
- 010-10725 - ASSESSMENT ROLL NUMBER
- BUSH

NOTES:
 ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE BEGIN WITH 27-32-020-
 i.e. 010-02000 IN FULL IS 27-32-020-010-02000

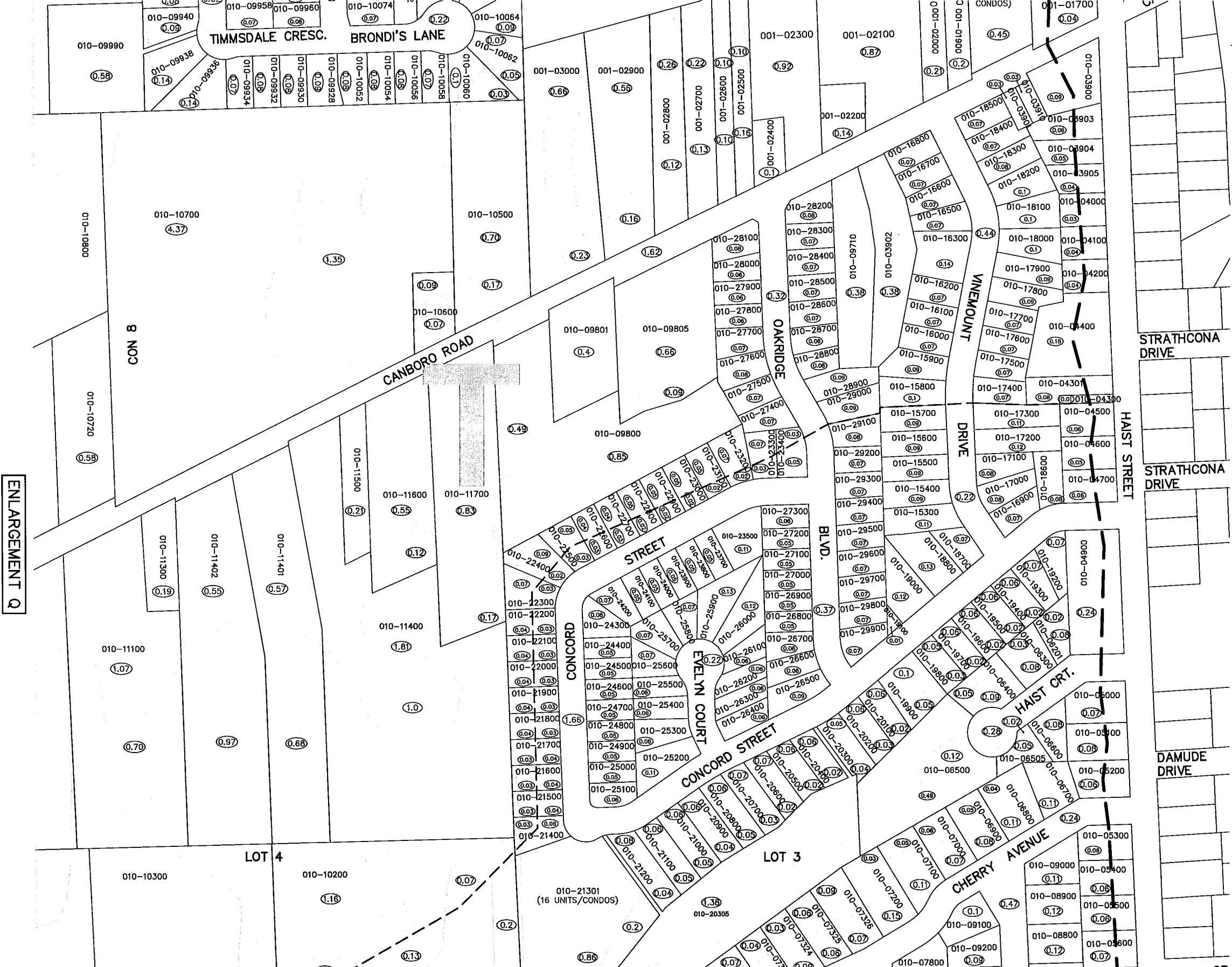
DESIGNED BY: N.W.M.		<p>SCALE 1:3,000 (ON 11"x17")</p>
CHECKED BY: N.W.M.		
DRAWN BY: N.M.B.		
CHECKED BY: H.A.W.		

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT S	FEB. 10, 2022
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	REVISED: JOB NUMBER: 20-243 DRAWING 20 OF 26



ENLARGEMENT S

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

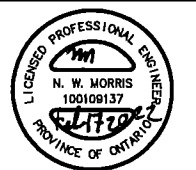


PLAN LEGEND

- — — — — WATERSHED LIMIT
- - - - - SUBWATERSHED
- Z — — DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- (0.4) — APPROXIMATE HECTARES IN WATERSHED
- 010-10725 — ASSESSMENT ROLL NUMBER
- - - - - BUSH

NOTE:
ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE BEGIN WITH 27-32-020-
ie. 010-10800 IN FULL IS 27-32-020-010-10800

DESIGNED BY: N.W.M.
CHECKED BY: N.W.M.
DRAWN BY: N.M.B.
CHECKED BY: H.A.W.



SCALE
0 75 150m
SCALE 1:3,000
(ON 11"x17")

BIG CREEK DRAIN SYSTEM

REGION OF NIAGARA TOWN OF PELHAM

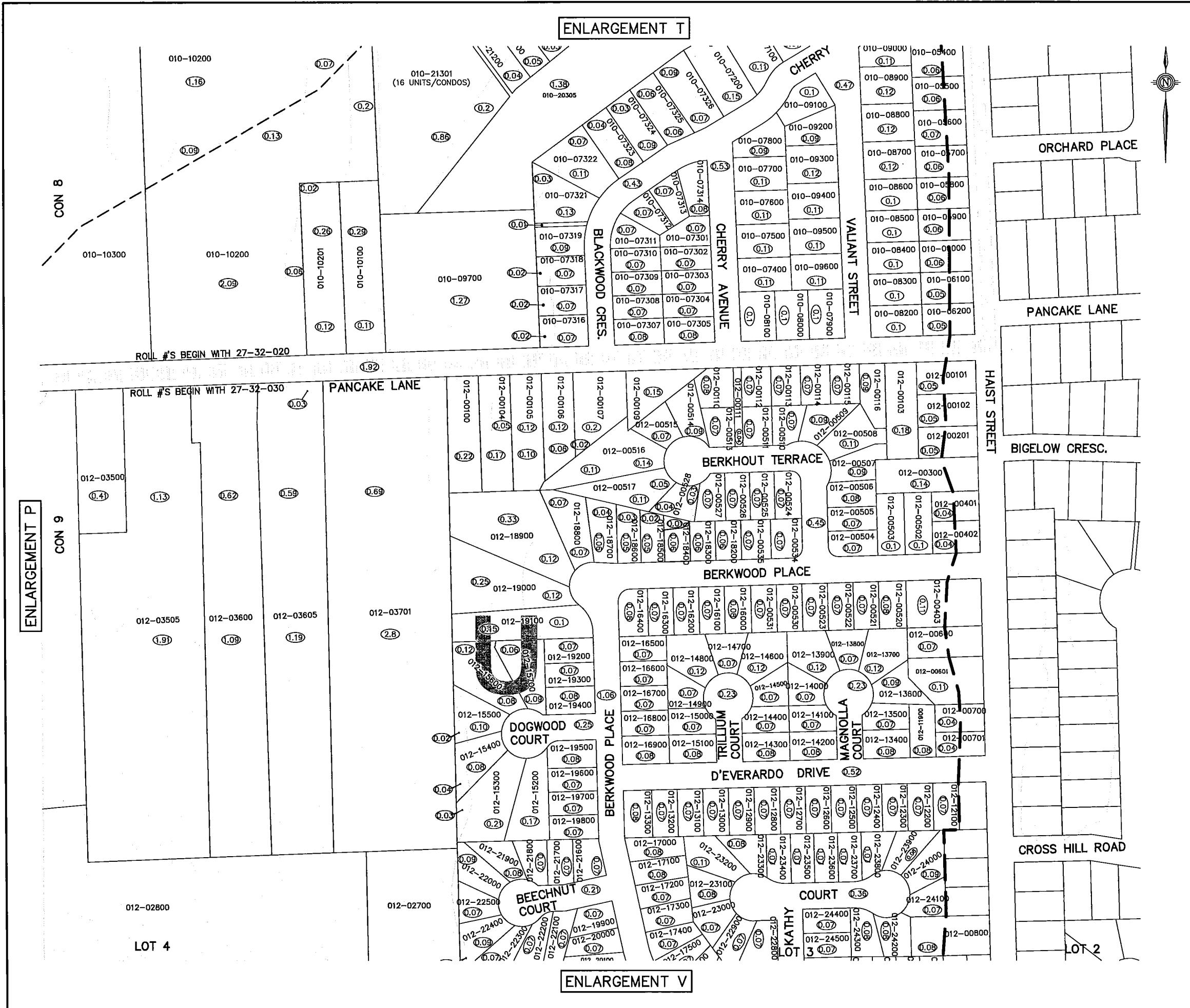
ENLARGEMENT T FEB. 10, 2022

K. SMART ASSOCIATES LIMITED
CONSULTING ENGINEERS AND PLANNERS
KITCHENER SUDBURY

REVISED:
JOB NUMBER: 20-243
DRAWING
21 OF 26

ENLARGEMENT T

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



PLAN LEGEND

- — — — — WATERSHED LIMIT
- - - - - SUBWATERSHED
- Z — — — — DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- 0.4 — — — — APPROXIMATE HECTARES IN WATERSHED
- 010-10725 — — — — ASSESSMENT ROLL NUMBER
- BUSH

NOTES:
 ALL ASSESSMENT ROLL NUMBERS NORTH OF PANCAKE LANE BEGIN WITH 27-32-020—
 i.e. 010-10000 IN FULL IS 27-32-020-010-10000
 ALL ASSESSMENT ROLL NUMBERS SOUTH OF PANCAKE LANE BEGIN WITH 27-32-030—
 i.e. 012-03800 IN FULL IS 27-32-030-012-03800

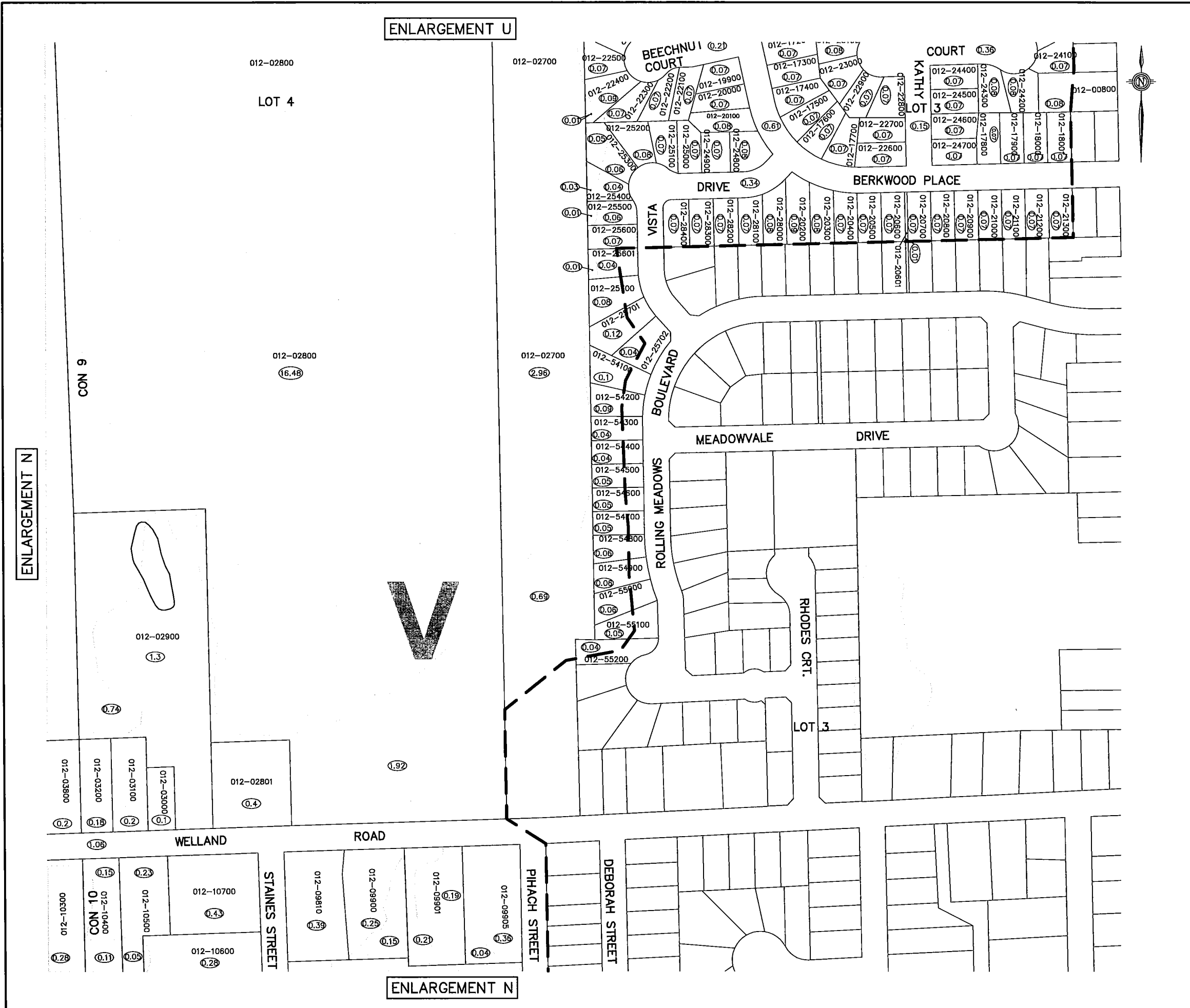
DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: D.C.P.
 CHECKED BY: H.A.W.

0 30 60m
 SCALE 1:3,000
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM
 REGION OF NIAGARA TOWN OF PELHAM
ENLARGEMENT U FEB. 10, 2022
 REVISED:
K. SMART ASSOCIATES LIMITED
 CONSULTING ENGINEERS AND PLANNERS
 KITCHENER SUDBURY
 JOB NUMBER: 20-243
 DRAWING: 22 OF 26

ENLARGEMENT U

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



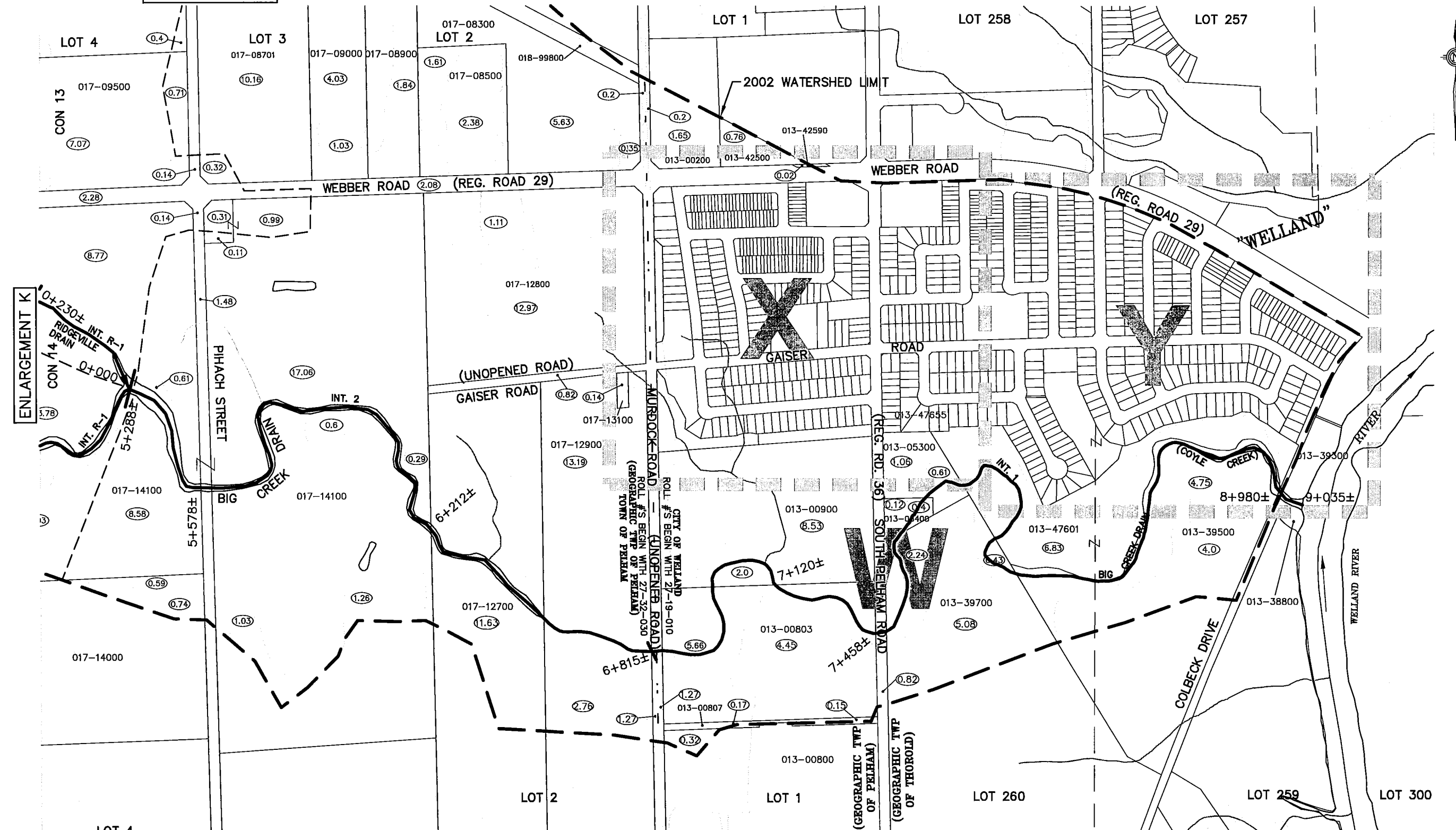
PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- APPROXIMATE HECTARES IN WATERSHED
- ASSESSMENT ROLL NUMBER
- BUSH

NOTE:
ALL ASSESSMENT ROLL NUMBERS BEGIN WITH 27-32-030-
i.e. 012-03800 IN FULL IS 27-32-030-018-03800

DESIGNED BY: N.W.M.		
CHECKED BY: N.W.M.		
DRAWN BY: D.C.P.		
CHECKED BY: H.A.W.		
BIG CREEK DRAIN SYSTEM		
REGION OF NIAGARA		TOWN OF PELHAM
ENLARGEMENT V		FEB. 10, 2022
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	REVISED:	
	JOB NUMBER: 20-243	
	DRAWING: 23 OF 26	

ENLARGEMENT L



PLAN LEGEND	
	WATERSHED LIMIT
	SUBWATERSHED
	DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
	EXISTING MUNICIPAL DRAIN
	DITCH OR WATERCOURSE
	DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
	7+458 — STATION (IN METERS)
	INT. 3 — INTERVAL AND NUMBER
	3.7 — APPROXIMATE HECTARES IN WATERSHED
	013-00803 — ASSESSMENT ROLL NUMBER
	BUSH

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

DESIGNED BY: N.W.M.
 CHECKED BY: N.W.M.
 DRAWN BY: N.M.B.
 CHECKED BY: H.A.W.

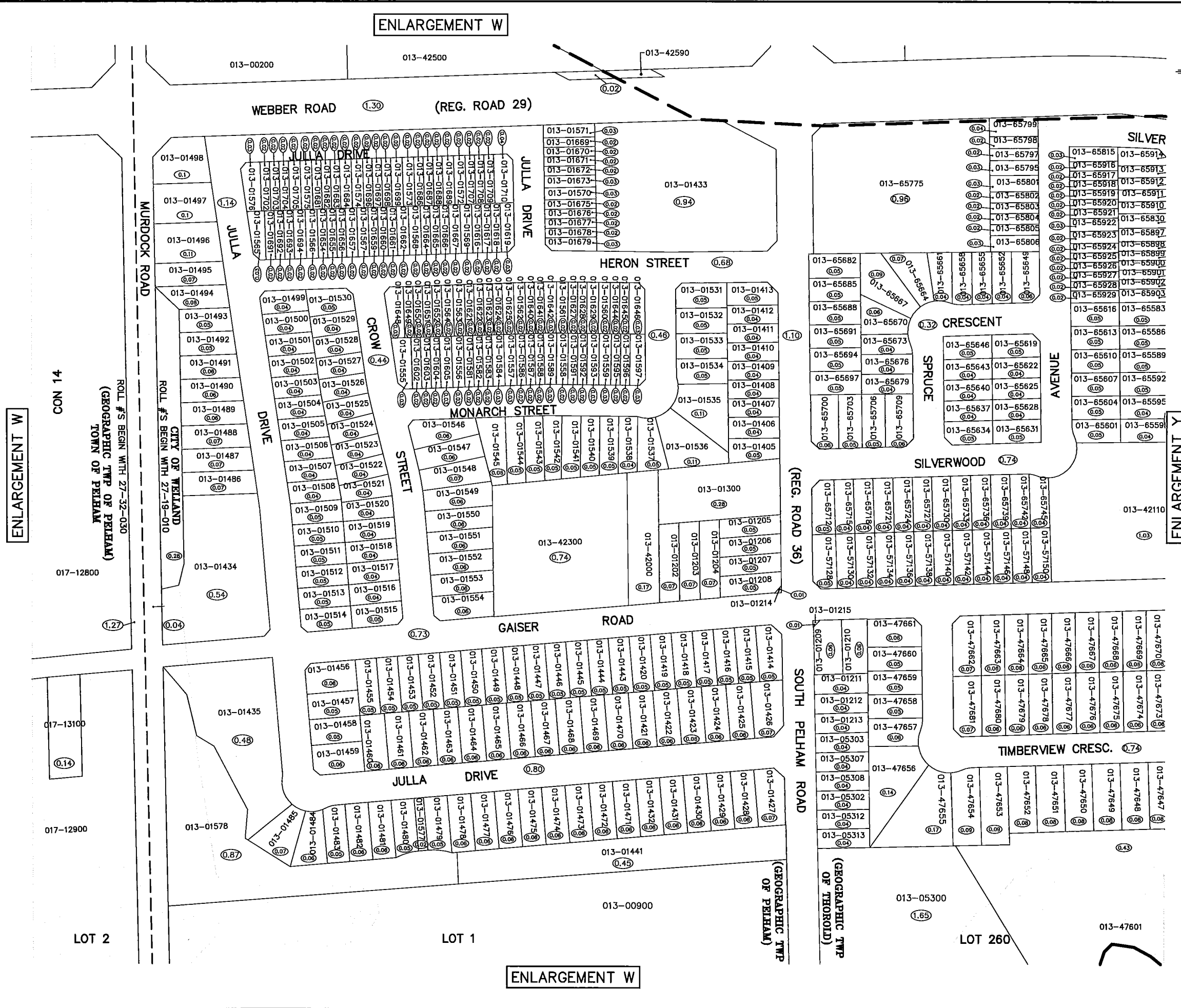


0 75 150m
 SCALE 1:7,500
 (ON 11"x17")

BIG CREEK DRAIN SYSTEM	
REGION OF NIAGARA	TOWN OF PELHAM
ENLARGEMENT W	FEB. 10, 2022
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	REMISED: JOB NUMBER: 20-243 DRAWING 24 OF 26

ENLARGEMENT W

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



PLAN LEGEND

- WATERSHED LIMIT
- SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- DITCH OR WATERCOURSE
- DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- APPROXIMATE HECTARES IN WATERSHED
- 010-10725 ASSESSMENT ROLL NUMBER
- BUSH

NOTE:
ALL ASSESSMENT ROLL NUMBERS EAST OF MURDOCK ROAD BEGIN WITH 27-19-010-
ie. 013-00900 IN FULL IS 27-19-010-013-00900

DESIGNED BY: N.W.M.
CHECKED BY: N.W.M.
DRAWN BY: N.M.B.
CHECKED BY: H.A.W.

0 25 50m
SCALE 1:2,500
(ON 11"x17")

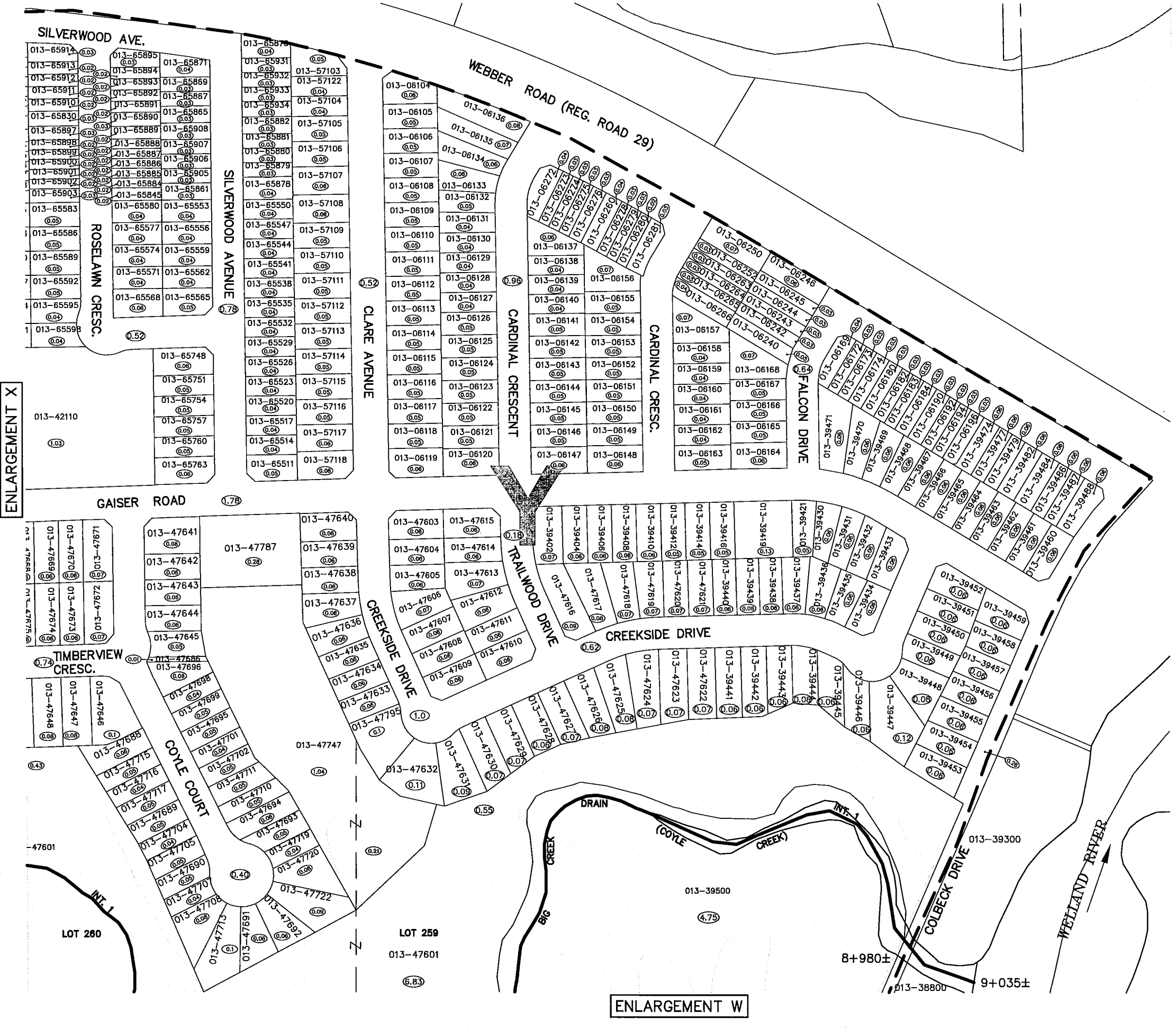
BIG CREEK DRAIN SYSTEM
REGION OF NIAGARA TOWN OF PELHAM

ENLARGEMENT X FEB. 10, 2022

K. SMART ASSOCIATES LIMITED
CONSULTING ENGINEERS AND PLANNERS
KITCHENER SUDBURY

REVISED:
JOB NUMBER: 20-243
DRAWING: 25 OF 26

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL BE INFORMED OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.



ENLARGEMENT X

ENLARGEMENT W

PLAN LEGEND

- WATERSHED LIMIT
- - - SUBWATERSHED
- DRAIN IN BIG CREEK DRAIN WATERSHED (WITH NEW FUTURE MAINTENANCE SCHEDULE)
- EXISTING MUNICIPAL DRAIN
- ~ DITCH OR WATERCOURSE
- Z - DENOTES PROPERTY OWNERSHIP ON BOTH SIDES OF LOT LINE
- 0+860 - STATION (IN METERS)
- INT. 1 - INTERVAL AND NUMBER
- 0.4 - APPROXIMATE HECTARES IN WATERSHED
- 013-06250 - ASSESSMENT ROLL NUMBER
- BUSH

NOTE:
 ALL ASSESSMENT ROLL NUMBERS ON THIS PAGE BEGIN WITH 27-19-010-
 i.e. 013-47700 IN FULL IS 27-19-010-013-47700

DESIGNED BY: N.W.M.		SCALE
CHECKED BY: N.W.M.		0 25 50m
DRAWN BY: N.M.B.		SCALE 1:2,500
CHECKED BY: H.A.W.		(ON 11"x17")
BIG CREEK DRAIN SYSTEM		
REGION OF NIAGARA		TOWN OF PELHAM
ENLARGEMENT Y		FEB. 10, 2022
K. SMART ASSOCIATES LIMITED CONSULTING ENGINEERS AND PLANNERS KITCHENER SUDBURY	REVISED:	
	JOB NUMBER: 20-243	
	DRAWING 26 OF 26	