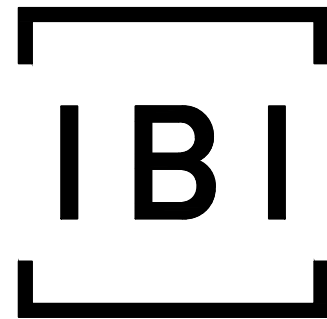
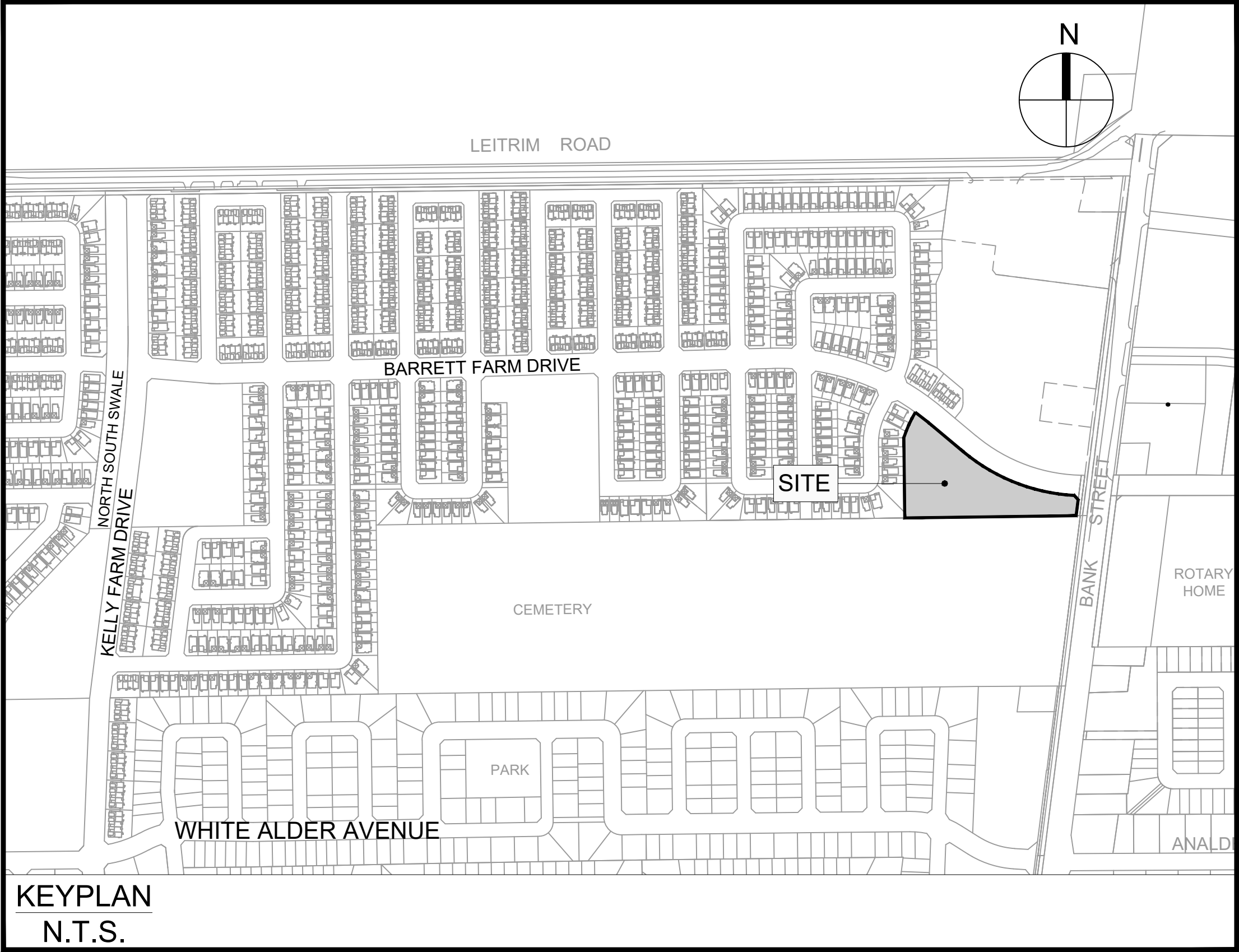


BARRETT BLOCK 178



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 400 – 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 tel 613 225 1311 fax 613 225 9868
 ibigroup.com



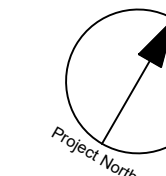
KEYPLAN
 N.T.S.

Sheet List Table	
Sheet Number	Sheet Title
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001	GENERAL PLAN
010	NOTES LEGEND CB DATA
011	STREET SECTIONS
100	PRIVATE LANE 1
101	PRIVATE LANE 2
200	GRADING PLAN
400	SANITARY DRAINAGE AREA PLAN
500	STORM DRAINAGE AREA PLAN
600	PONDING PLAN
900	SEDIMENT AND EROSION CONTROL PLAN

BARRETT CO-TENANCY

CITY OF OTTAWA

CONTRACT NO. 135925



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BARRETT CO-TENANCY

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SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS

KEY PLAN



CONSULTANTS

SEAL



IBI GROUP
Suite 400 - 333 Preston Street
Ottawa ON K1S 5N4 Canada
tel 613 225 1311 / 613 241 3300 fax 613 225 9868
ibigroup.com

PROJECT
BARRETT BLOCK 178

PROJECT NO:
135925

DRAWN BY:
M.M.

CHECKED BY:
A.C.

PROJECT MGR:
R.M.

APPROVED BY:
J.I.M.

SHEET TITLE
GENERAL PLAN

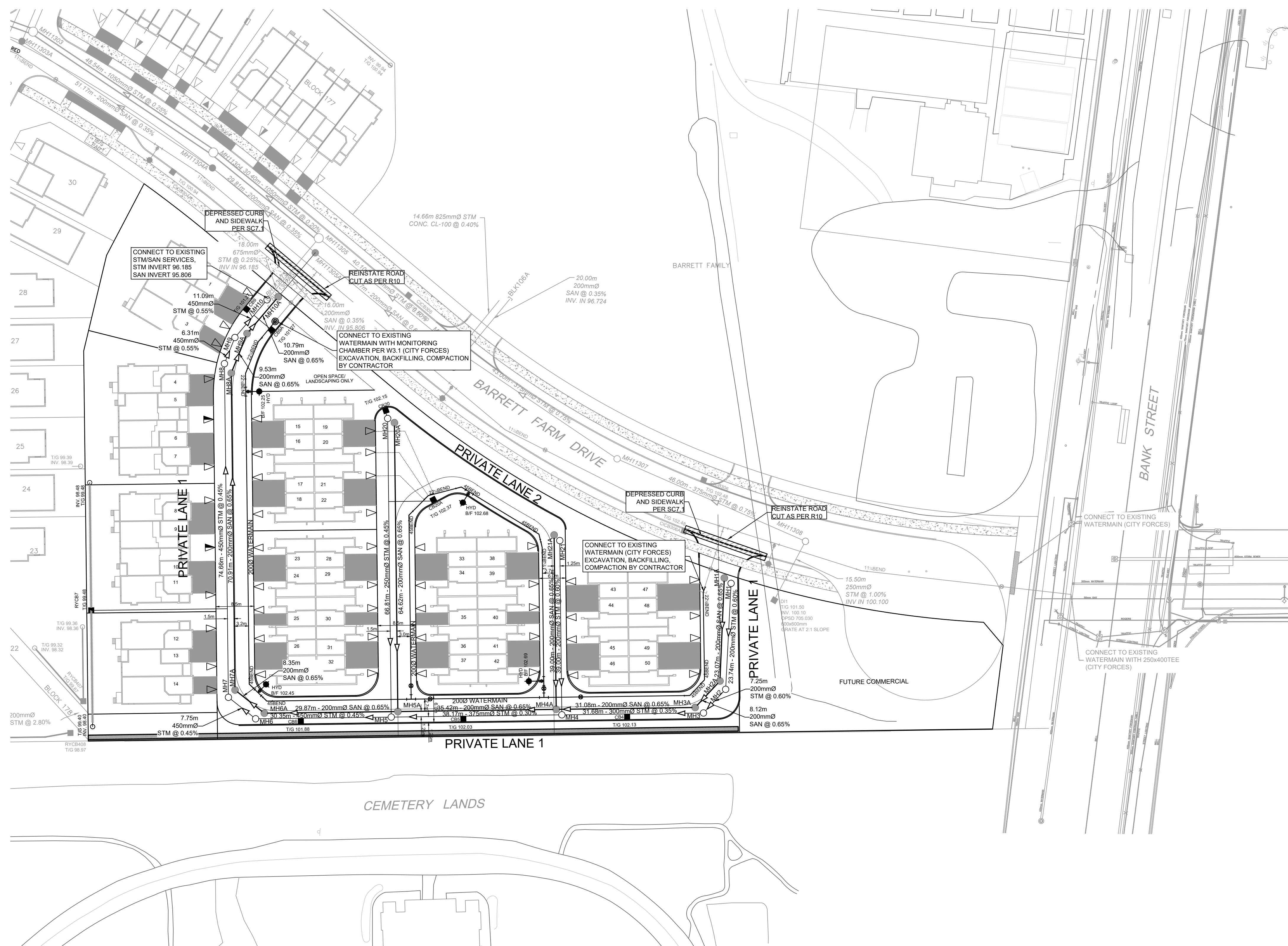
SHEET NUMBER

001

ISSUE

1

CITY PLAN No. xxxxx



CITY FILE No. D07-135925-001-01
SCALE CHECK
Last Saved: May 10, 2022, by rmmine
Printed: Tuesday, May 10, 2022 11:28:02 AM by Marian Mihre

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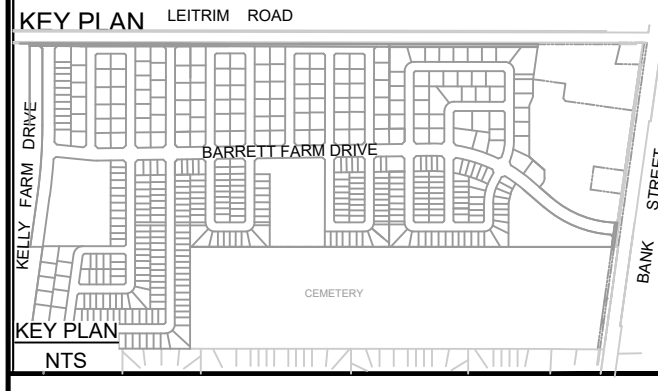
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ISSUES

Table with columns: No., DESCRIPTION, DATE. Contains one issue: 1 SUBMISSION NO. 1 FOR CITY REVIEW 2022-05-10

SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS



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PROJECT BARRETT BLOCK 178

PROJECT NO: 135925

DRAWN BY: M.M. PROJECT MGR: R.M. CHECKED BY: A.C. APPROVED BY: J.I.M.

SHEET TITLE NOTES LEGEND CB DATA

SHEET NUMBER 010 ISSUE 1

GENERAL LEGEND

- LIMIT OF CONSTRUCTION (dashed line)
PHASING LINE (long dashed line)
BARRIER CURB (solid line)
MOUNTABLE CURB (solid line with dots)
DEPRESSED BARRIER CURB (solid line with triangles)
CONCRETE SIDEWALK (hatched pattern)
TACTILE WALKING SURFACE INDICATOR (dotted pattern)
ASPHALT SIDEWALK / PATHWAY (solid grey)
BUS STOP CONCRETE / ASPHALT (solid grey with 'BUS' label)

SERVICING LEGEND

- MH118A SANITARY MANHOLE
200mm SAN SANITARY SEWER
MH109 825mm STM STORM MANHOLE
900mm STM STORM SEWER - LESS THAN 9000
2000 WATERMAIN WATERMAIN
CG100 STREET CATCHBASIN C/W TOP OF GRATE
OCB101 CURB INLET CATCHBASIN C/W GUTTER GRADE
G/G 104.25 DCB100 DOUBLE CATCHBASIN C/W TOP OF GRATE
DCB101 DOUBLE CURB INLET CATCHBASIN C/W TOP OF GRATE
D101 DITCH INLET MANHOLE C/W TOP OF GRATE
D101 T/G 103.59 CATCHBASIN MANHOLE C/W TOP OF GRATE
RYCB T/G 104.35 REAR YARD CATCHBASIN IN ROAD CONNECTING STRUCTURE C/W SOLID GRATE
T/G 104.35 R/V 103.35 REAR YARD 'TEE' CATCHBASIN (3000) C/W TOP OF GRATE AND INVERT OUT
T/G 104.50 R/V 103.50 REAR YARD 'END' CATCHBASIN (3000) C/W TOP OF GRATE AND INVERT OUT
T/G 104.35 R/V 103.35 REAR YARD 'CUSTOM ANGLED' CATCHBASIN (4500) C/W TOP OF GRATE AND INVERT OUT
T/G 104.35 R/V 103.35 REAR YARD 'THREE WAY' CATCHBASIN (4500) C/W TOP OF GRATE AND INVERT OUT
300mm CSP PERFORATED REAR YARD SUBDRAIN
V&VB VALVE AND VALVE BOX
V&VC VALVE AND VALVE CHAMBER
P&V PARK VALVE CHAMBER C/W SERVICE POST
HYD FIRE HYDRANT C/W BOTTOM OF FLANGE ELEVATION
WATERMAIN REDUCER
VERTICAL BEND LOCATION
SIAMISE CONNECTION (IF REQUIRED)
METER (IF REQUIRED)
RM REMOTE METER (IF REQUIRED)
WATERMAIN IDENTIFICATION (IF REQUIRED)
PIPE CROSSING IDENTIFICATION (IF REQUIRED)
SINGLE SERVICE LOCATION
DOUBLE SERVICE LOCATION
INFERRED REFUSAL (SEE GEOTECHNICAL REPORT)
HGL 101.79 100 YEAR STORM HYDRAULIC GRADE LINE AT MANHOLE
USF 101.79 UNDERSIDE OF FOOTING ELEVATION
CLAY SEAL IN SEWER / WATERMAIN TRENCH

CATCHBASIN/CATCHBASIN MANHOLE/DITCH INLET DATA

Table with columns: STRUCTURE ID, STORM AREA ID, STRUCTURE, FRAME & COVER, ELEVATION (TOP OF GRATE, INVERT, DIAMETER), OUTLET PIPE (TYPE, 100% DYNAMIC HEAD), INLET CONTROL DEVICE (RESTRICTED FLOW, K/D TYPE, ORIFICE SIZE), COMMENTS

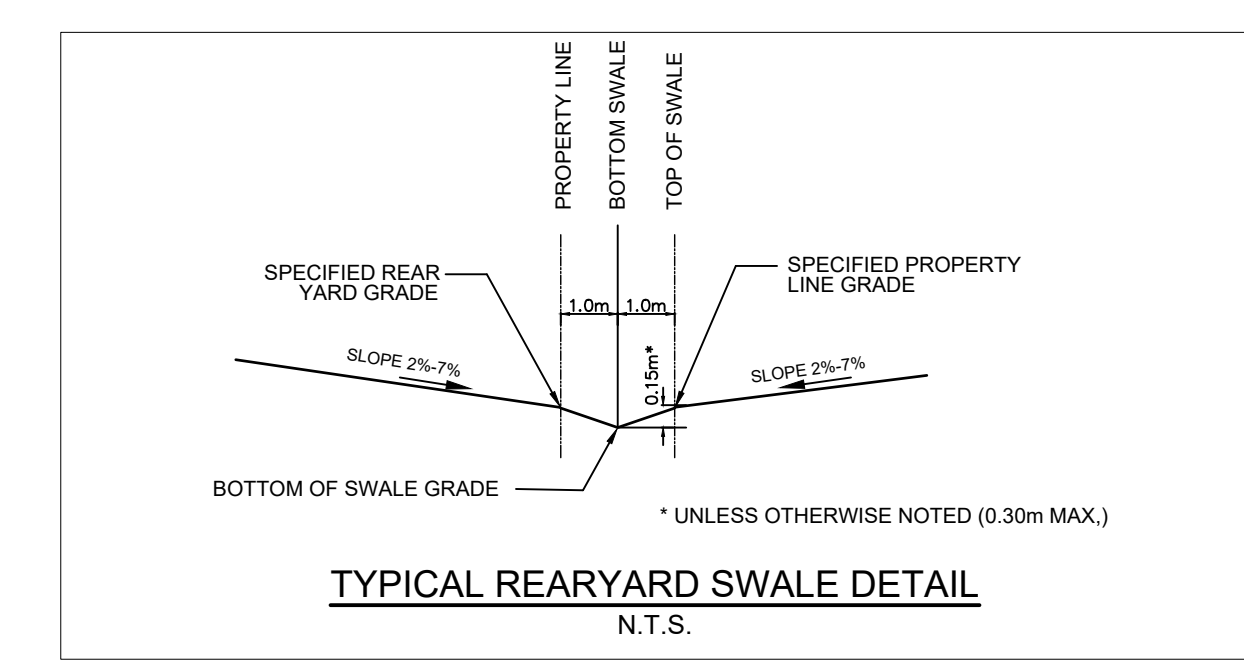
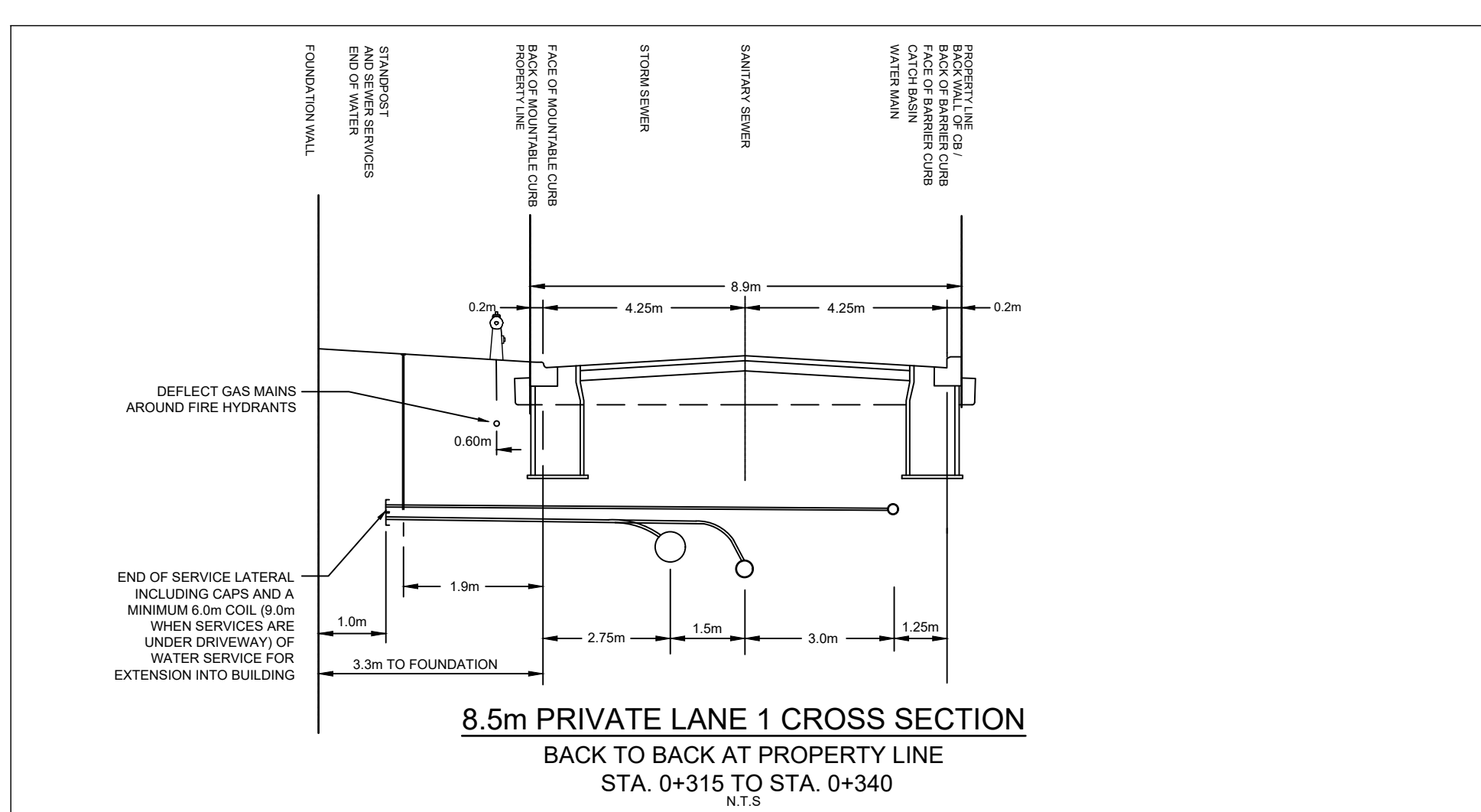
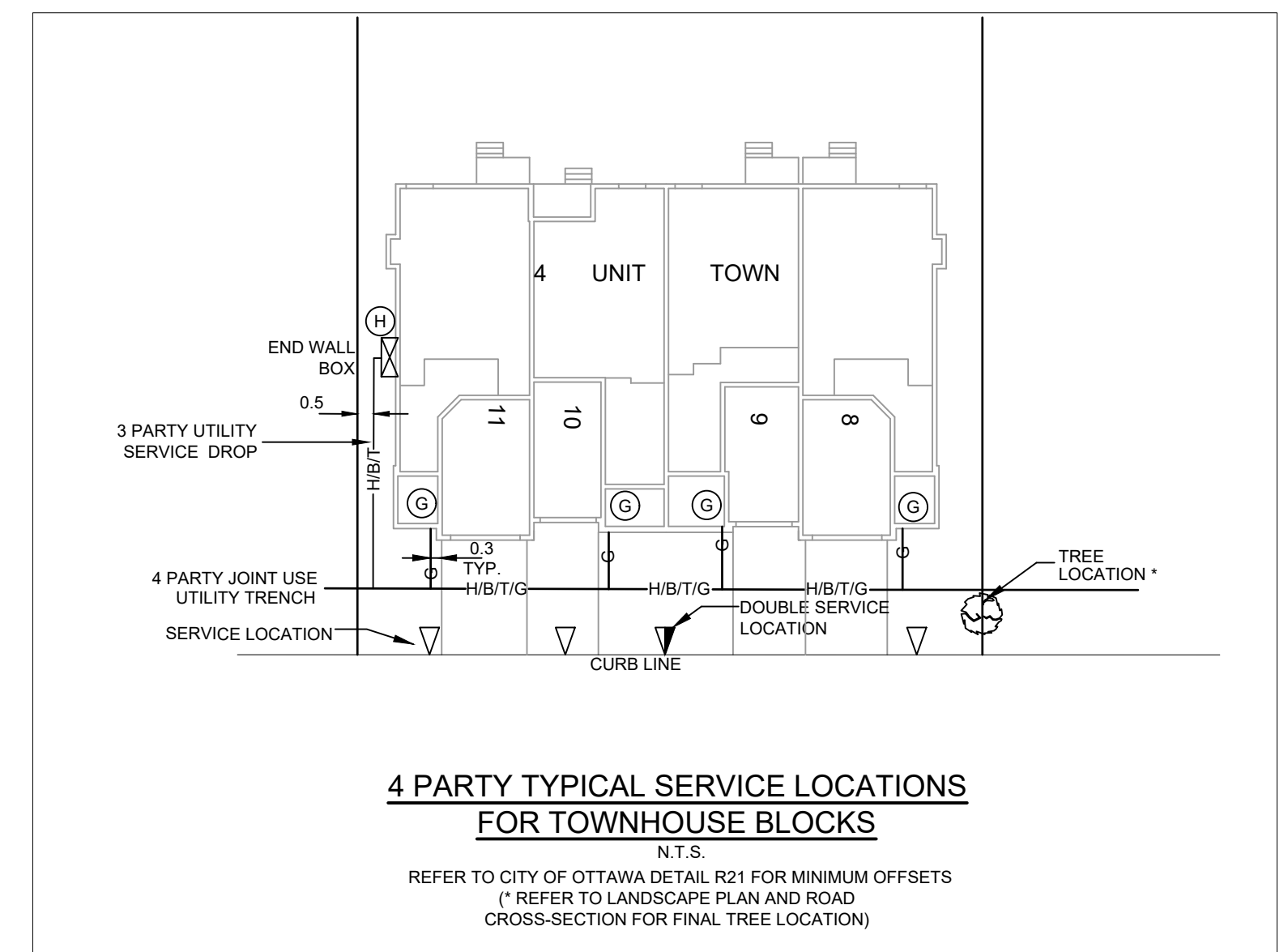
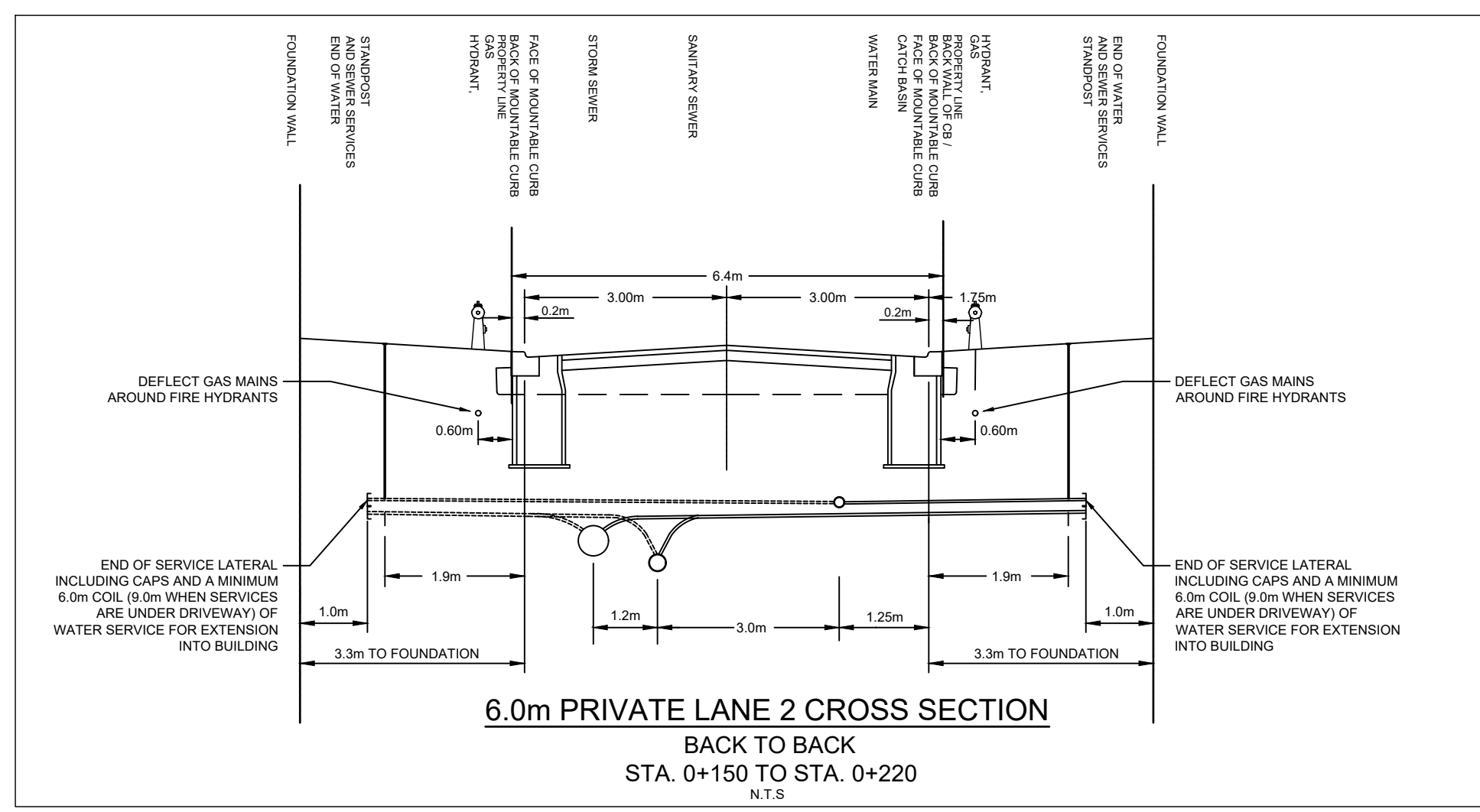
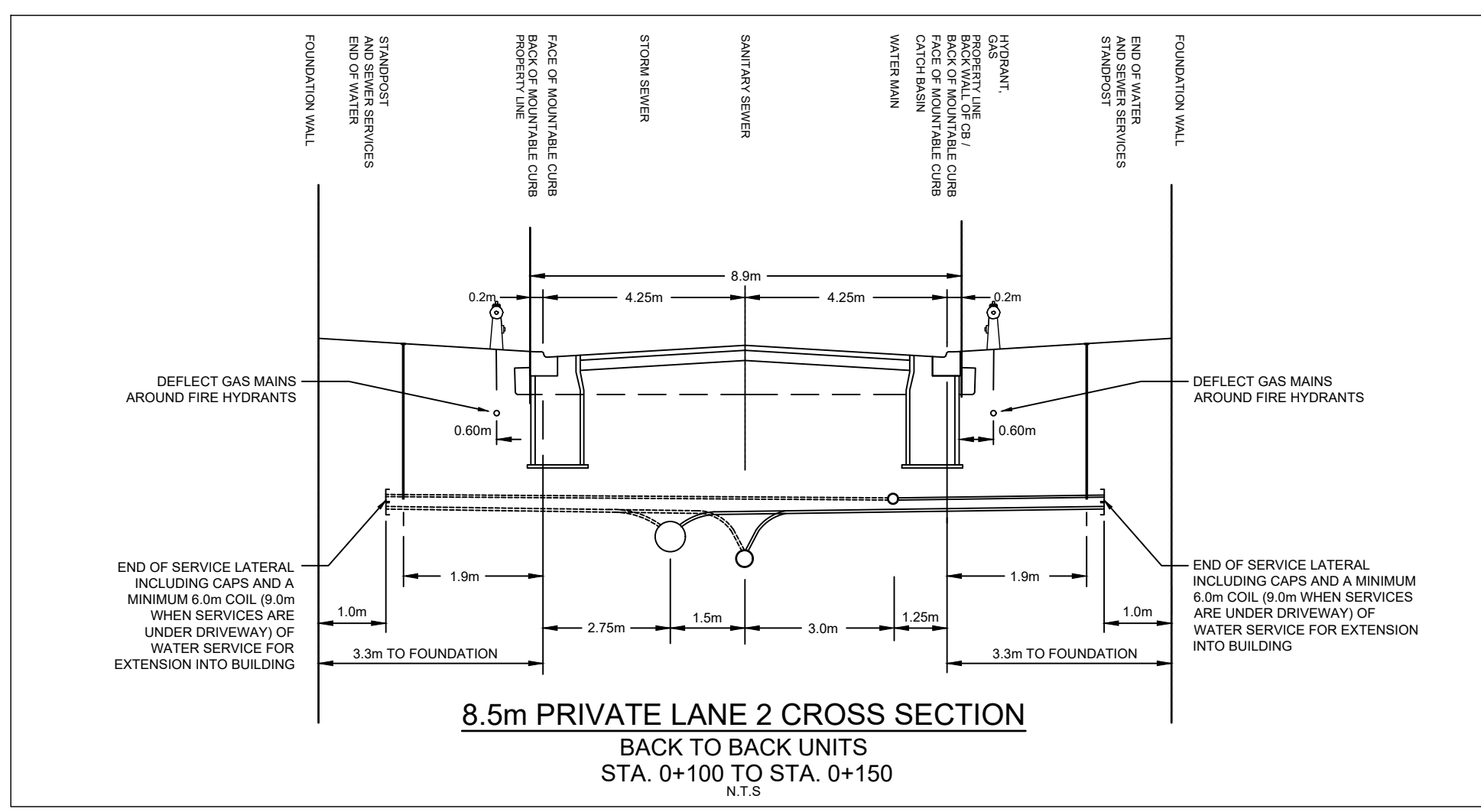
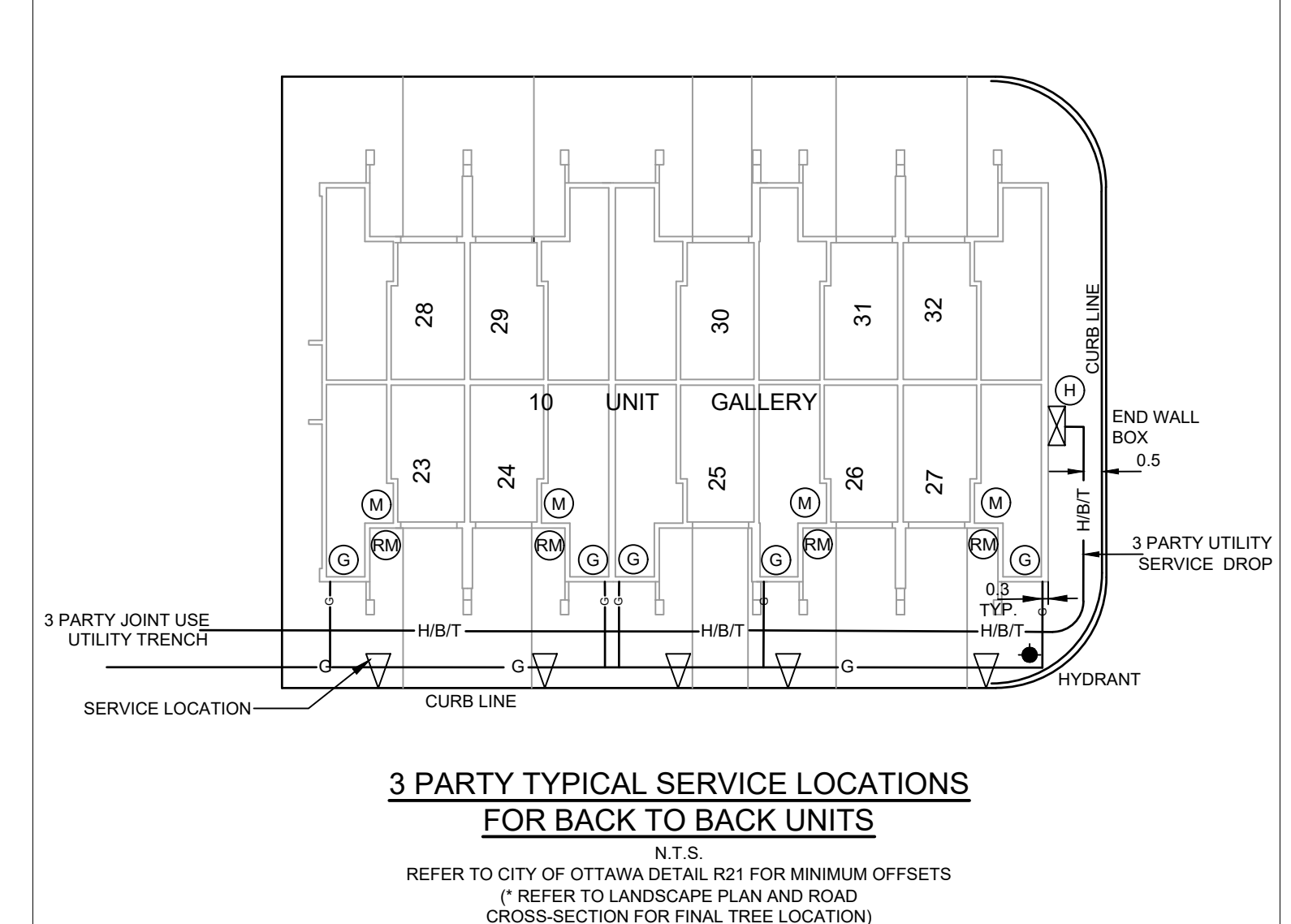
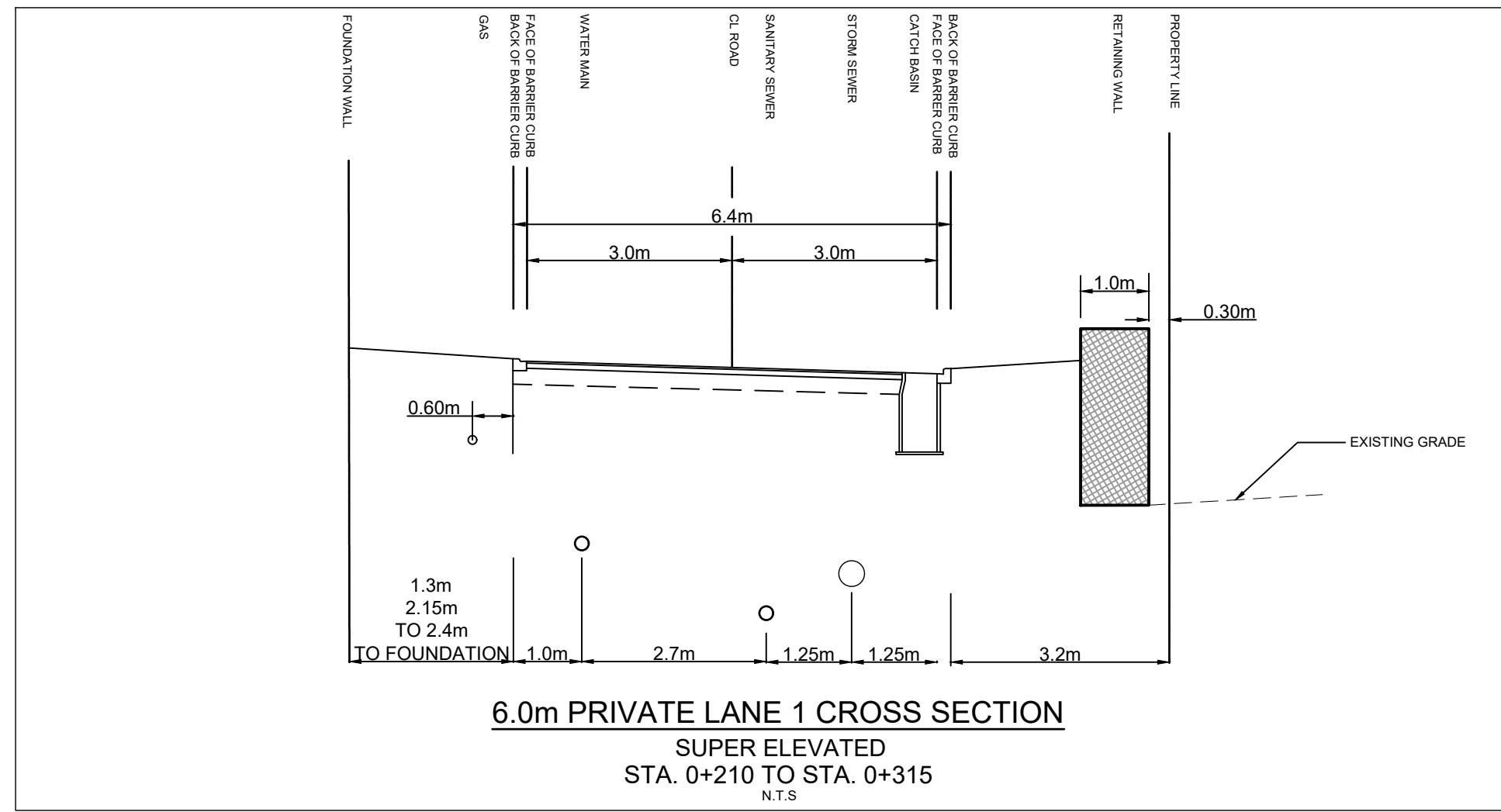
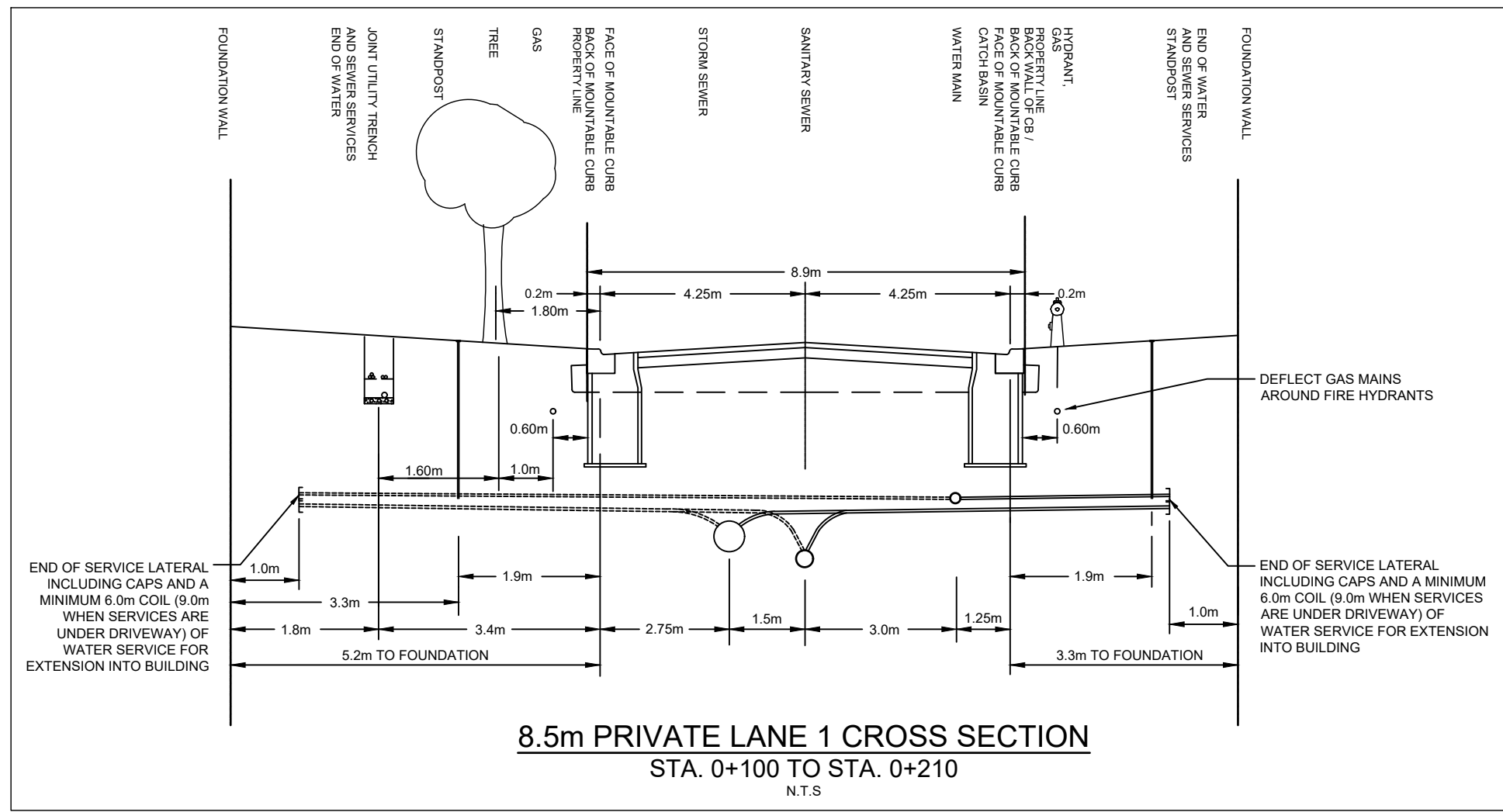
NOTES :

- 1. ALL MATERIALS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS & SPECIFICATIONS OR OPSS/OPSS IF CITY DRAWINGS AND SPECIFICATIONS DO NOT APPLY.
2. THE POSITION OF UNDERGROUND AND ABOVEGROUND SERVICE, UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS...
3. THE CONTRACTOR SHALL REPORT ALL CONFLICTS, DISCOVERIES OF ERROR AND DISCREPANCIES TO THE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT AND ASSUME RESPONSIBILITY FOR ALL UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT ALL LANDS BEYOND THE SITE LIMITS...
6. WHERE NECESSARY, THE CONTRACTOR SHALL IMPLEMENT A TRAFFIC MANAGEMENT PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA...
7. SHOULD ANY BURIED ARCHAEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES...
8. FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL REPORT NO. 2042530-1000...
9. FOR GEODETIC BENCHMARK AND GEOMETRIC LAYOUT OF STREET AND LOTS...
10. FOR SITE PLAN INFORMATION, REFER TO SITE PLAN PREPARED BY TAMARACK HOMES.
11. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR LAYOUT PURPOSES.
12. ROADWAY SECTIONS REQUIRING GRADE RAISE TO PROPOSED SUB GRADE LEVEL TO BE FILLED WITH ACCEPTABLE NATIVE EARTH BORROW OR IMPORTED OPSS SELECTED SUBGRADE MATERIAL...
13. IN AREAS WHERE EXISTING GROUND IS BELOW THE PROPOSED ELEVATION OF SEWER AND WATERMANS, GRADE RAISING AND FILLING IS TO BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT...
14. REFER TO DRAWING 011 FOR ROADWAY CROSS SECTIONS (IF APPLICABLE).
15. THE CONTRACTOR SHALL IMPLEMENT THE EROSION AND SEDIMENT CONTROL PLAN PRIOR TO THE COMMENCEMENT OF ANY SITE CONSTRUCTION...
16. CONTRACTORS SHALL BE RESPONSIBLE FOR KEEPING CLEAN ALL ROADS WHICH BECOME COVERED IN DUST, DEBRIS AND/OR MUD AS A RESULT OF ITS CONSTRUCTION OPERATIONS.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL BEDDING OR ADDITIONAL STRENGTH PIPE SHOULD THE MAXIMUM OPSS TRENCH WIDTH BE EXCEEDED.
18. ALL PIPE, CULVERTS, STRUCTURES REFER TO NOMINAL INSIDE DIMENSIONS.
19. SHOULD CLAY SEALS BE REQUIRED, THEY SHALL BE INSTALLED AS PER THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT.
20. UNLESS SPECIFICALLY NOTED OTHERWISE, PIPE MATERIALS SHALL BE AS FOLLOWS:
-WATERMANS TO BE PVC DR18
-SANITARY SEWER TO BE PVC DR35
-PERFORATED STORM SEWERS IN REAR YARDS AND LANDSCAPE AREAS TO BE HDPE
-STORM SEWERS 375MM DIAMETER AND LESS TO BE PVC DR35
-STORM SEWERS 450MM DIAMETER AND GREATER TO BE CONCRETE, CLASS AS PER OPSS 807.010 OR 807.030, OR HIGHER.
21. ALL CONNECTIONS TO EXISTING WATERMANS ARE TO BE COMPLETED BY CITY FORCES...
22. ANY WATERMAIN WITH LESS THAN 2.4M, AND ANY SEWER WITH LESS THAN 2.0M DEPTH OF COVER REQUIRES THERMAL INSULATION...
23. ALL STUBBED SEWERS SHALL HAVE PRE-MANUFACTURED CAPS INSTALLED.
24. ALL CATCHBASINS SHALL HAVE A 600MM SUMP...
25. ALL SANITARY MANHOLES SHALL BE EQUIPPED WITH A WATERTIGHT COVER.
26. ALL LEADS FOR STREET CATCHBASINS AND CURB INLET CATCHBASINS CONNECTED TO MAIN SHALL BE 200MMØ PVC DR35 @ MIN 2% SLOPE...
27. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL STREET CATCHBASINS SHALL BE INSTALLED WITH TWO - 3.0M MINIMUM SUBDRAINS INSTALLED LONGITUDINALLY, PARALLEL WITH THE CURB...
28. INLET CONTROL DEVICES SHALL BE INSTALLED PRIOR TO COMPLETING THE ROAD BASE...
29. ALL SEWER SERVICE LATERALS WITH MAINLINE CONNECTIONS DEEPER THAN 5.0M REQUIRE A CONTROLLED SETTLEMENT JOINT.
30. EACH BUILDING SHALL BE EQUIPPED WITH A SANITARY AND STORM SEWER BACKWATER VALVE AND CLEAN-OUT ON ITS PRIMARY SERVICE...
31. THE HGL PROVIDED IS BASED ON HYDRAULIC MODELING COMPLETED USING THE 100 YEAR MODIFIED RATIONAL METHOD.
32. THE SUBGRADE OF ALL STRUCTURES, PIPE, ROADS, SIDEWALKS, WALKWAYS, AND BUILDINGS SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
33. TOP COURSE ASPHALT SHALL NOT BE PLACED UNTIL THE FINAL CCTV INSPECTION AND NECESSARY REPAIRS HAVE BEEN COMPLETED TO THE SATISFACTION OF THE ENGINEER AND THE CITY OF OTTAWA.
34. ALL RETAINING WALLS GREATER THAN 1.0M IN HEIGHT SHALL BE DESIGNED BY A QUALIFIED STRUCTURAL ENGINEER.
35. ALL RETAINING WALLS GREATER THAN 0.6M IN HEIGHT REQUIRE A GUARD. ANY GUARD ON A RETAINING WALL GREATER THAN 1.0M IN HEIGHT SHALL BE DESIGNED BY THE QUALIFIED STRUCTURAL ENGINEER RESPONSIBLE FOR THE WALL DESIGN.
36. UPON COMPLETION OF THE RETAINING WALL, THE CONTRACTOR SHALL REQUEST A CONFORMANCE CERTIFICATE FROM THE QUALIFIED ENGINEER RESPONSIBLE FOR THE WALL DESIGN.

ROADWAY STRUCTURE:

Table with columns: LOCAL ROAD (690mm), 40mm SUPERPAVE 12.5 ASPHALTIC CONCRETE, 50mm SUPERPAVE 19.0 ASPHALTIC CONCRETE, 150mm OPSS GRANULAR "A" CRUSHED STONE, 450mm OPSS GRANULAR "B" TYPE II

Vertical text on the right edge: CITY FILE No. D07-1



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No.	DESCRIPTION	DATE
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SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS.

KEY PLAN LEITRIM ROAD
 RELLY FARM DRIVE
 BARRETT FARM DRIVE
 RANK STREET
 KEY PLAN
 N.T.S.

CONSULTANTS

SEAL

IBI GROUP
 Suite 400 - 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 Tel: 613 225 1311 / 613 241 3300 Fax: 613 225 9868
 ibigroup.com

PROJECT
BARRETT BLOCK 178

PROJECT NO:
 135925

DRAWN BY: M.M. **CHECKED BY:** A.C.

PROJECT MGR: R.M. **APPROVED BY:** J.I.M.

SHEET TITLE
STREET SECTIONS

SHEET NUMBER **011** **ISSUE** **1**

CITY FILE No. D07-

CITY PLAN No. xxxxx

File Location: \\135925\Design\04_Civil\Sheet\011 STREET SECTIONS.dwg Last Saved: May 5, 2022, by rmmine Plotted: Tuesday, May 10, 2022 11:28:18 AM by Marisa Milne
 SCALE CHECK
 CITY FILE No. D07-

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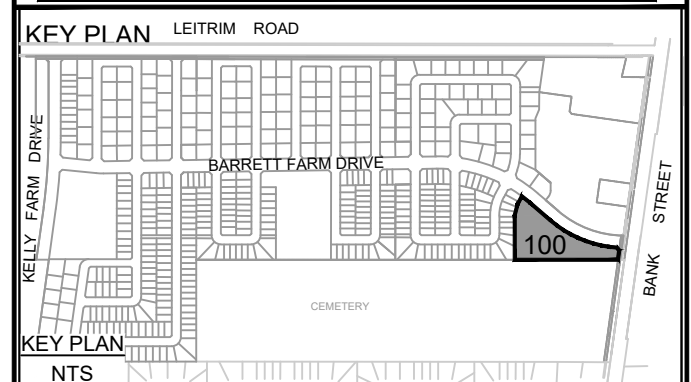
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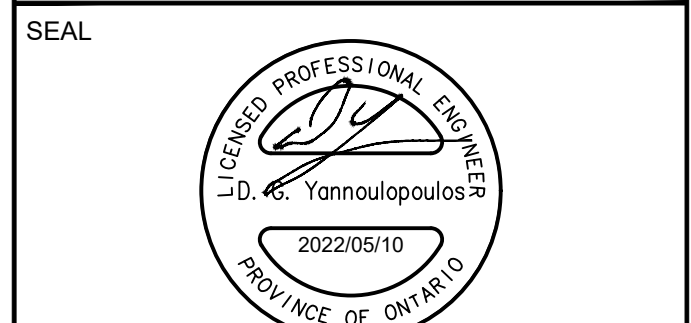
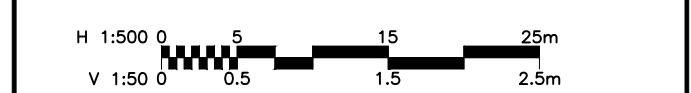
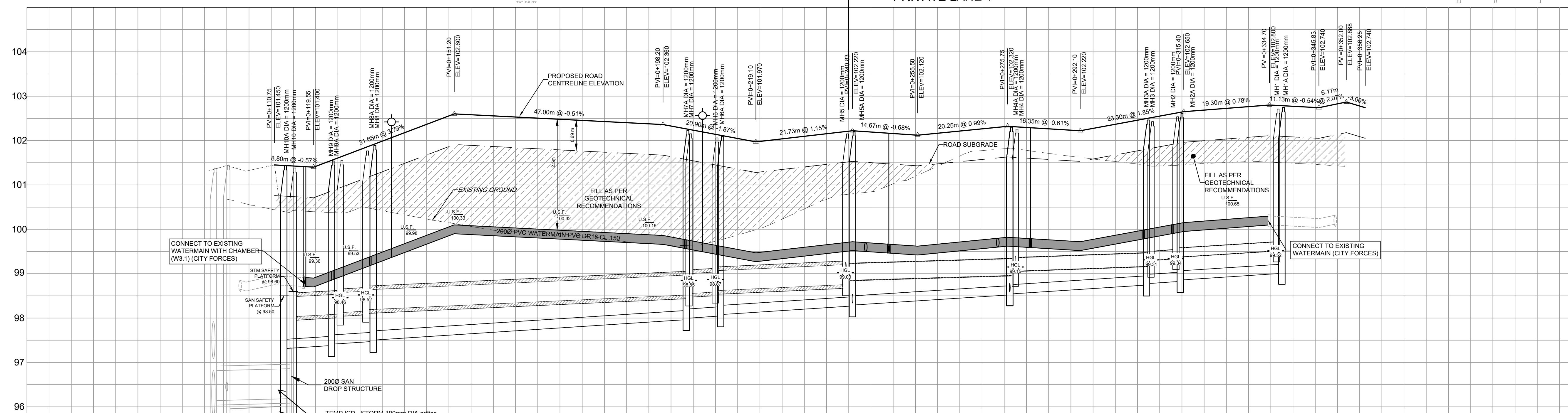
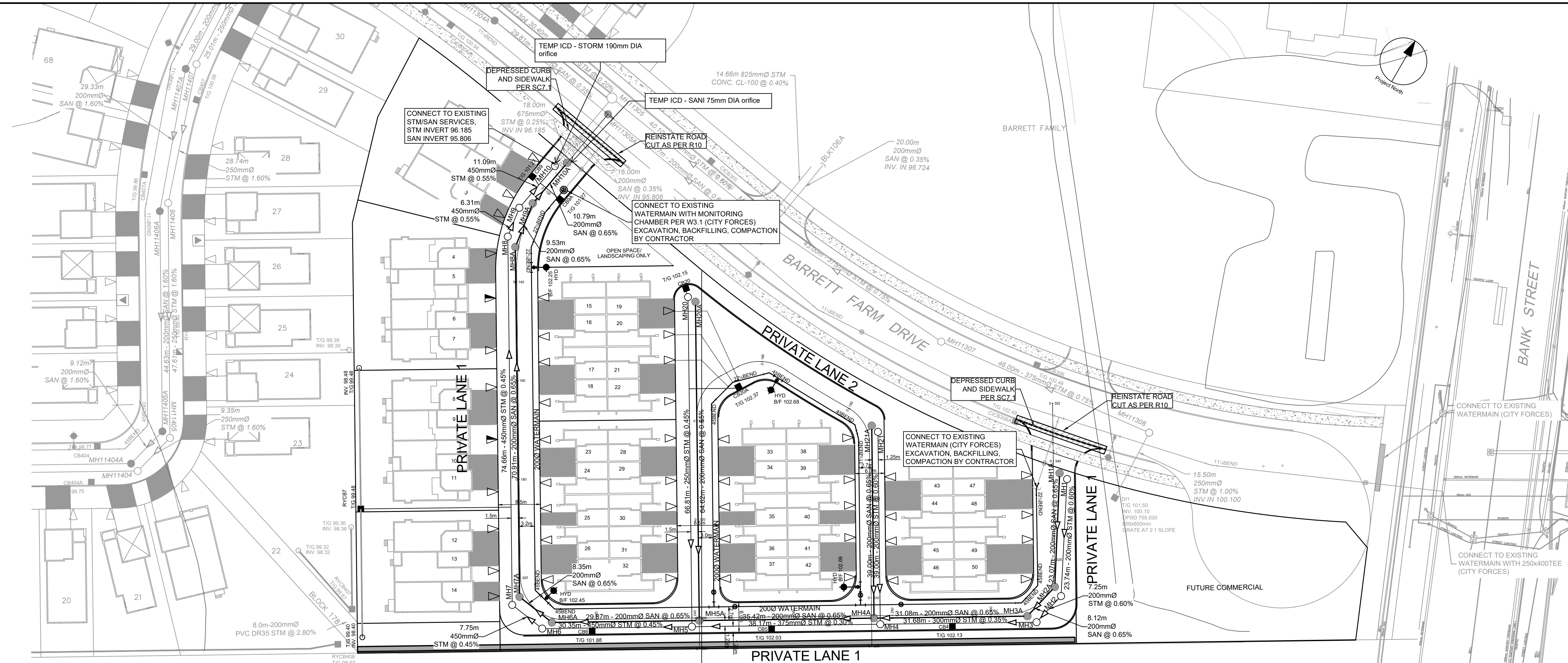
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ROAD GRADE	101.450 101.465 101.477 102.175 102.000 102.555 102.453 102.360 102.326 101.688 102.228 102.120 102.164 102.320 102.294 102.220 102.366 102.650 102.686 102.800 102.771 102.740 102.868 102.740	ROAD GRADE
TOP OF WATERMAIN	98.812 98.812 98.817 99.675 100.100 100.655 99.853 99.860 99.826 99.828 99.728 99.620 99.864 99.620 99.784 99.720 99.866 100.150 100.165 100.295 100.710 102.740 102.868 102.740	TOP OF WATERMAIN
STM SEWER INVERT	11.05m 450mmØ CONC. CL 100-D STM @ 0.55% 6.31m 450mmØ CONC. CL 100-D STM @ 0.55% 7.75m 450mmØ CONC. CL 100-D STM @ 0.45% 30.35m 450mmØ CONC. CL 100-D STM @ 0.45% 38.17m 375mmØ PVC DR-35 STM @ 0.30% 31.68m 300mmØ PVC DR-35 STM @ 0.35% 7.25m 200mmØ PVC DR-35 STM @ 0.60% 23.74m 200mmØ PVC DR-35 STM @ 0.60% 98.812 98.812 98.817 99.675 100.100 100.655 99.853 99.860 99.826 99.828 99.728 99.620 99.864 99.620 99.784 99.720 99.866 100.150 100.165 100.295 100.710 102.740 102.868 102.740	STM SEWER INVERT
SAN SEWER INVERT	10.79m 200mmØ PVC DR-35 SAN @ 0.65% 9.53m 200mmØ PVC DR-35 SAN @ 0.65% 8.35m 200mmØ PVC DR-35 SAN @ 0.65% 29.87m 200mmØ PVC DR-35 SAN @ 0.65% 35.42m 200mmØ PVC DR-35 SAN @ 0.65% 31.08m 200mmØ PVC DR-35 SAN @ 0.65% 8.12m 200mmØ PVC DR-35 SAN @ 0.65% 23.07m 200mmØ PVC DR-35 SAN @ 0.65% 97.314S 97.34N 97.414S 97.505SE 97.597E 97.697E 97.797E 97.897E 97.997E 98.097E 98.197E 98.297E 98.397E 98.497E 98.597E 98.697E 98.797E 98.897E 98.997E 99.097E 99.197E 99.297E 99.397E 99.497E 99.597E 99.697E 99.797E 99.897E 99.997E 99.097E 99.197E 99.297E 99.397E 99.497E 99.597E 99.697E 99.797E 99.897E 99.997E 99.097E 99.197E 99.297E 99.397E 99.497E 99.597E 99.697E 99.797E 99.897E 99.997E	SAN SEWER INVERT
STATION	0+100 0+120 0+132.867 0+137.080 0+140 0+160 0+180 0+200 0+220 0+240 0+260 0+280 0+300 0+320 0+340 0+360	STATION

PROJECT
BARRETT BLOCK 178

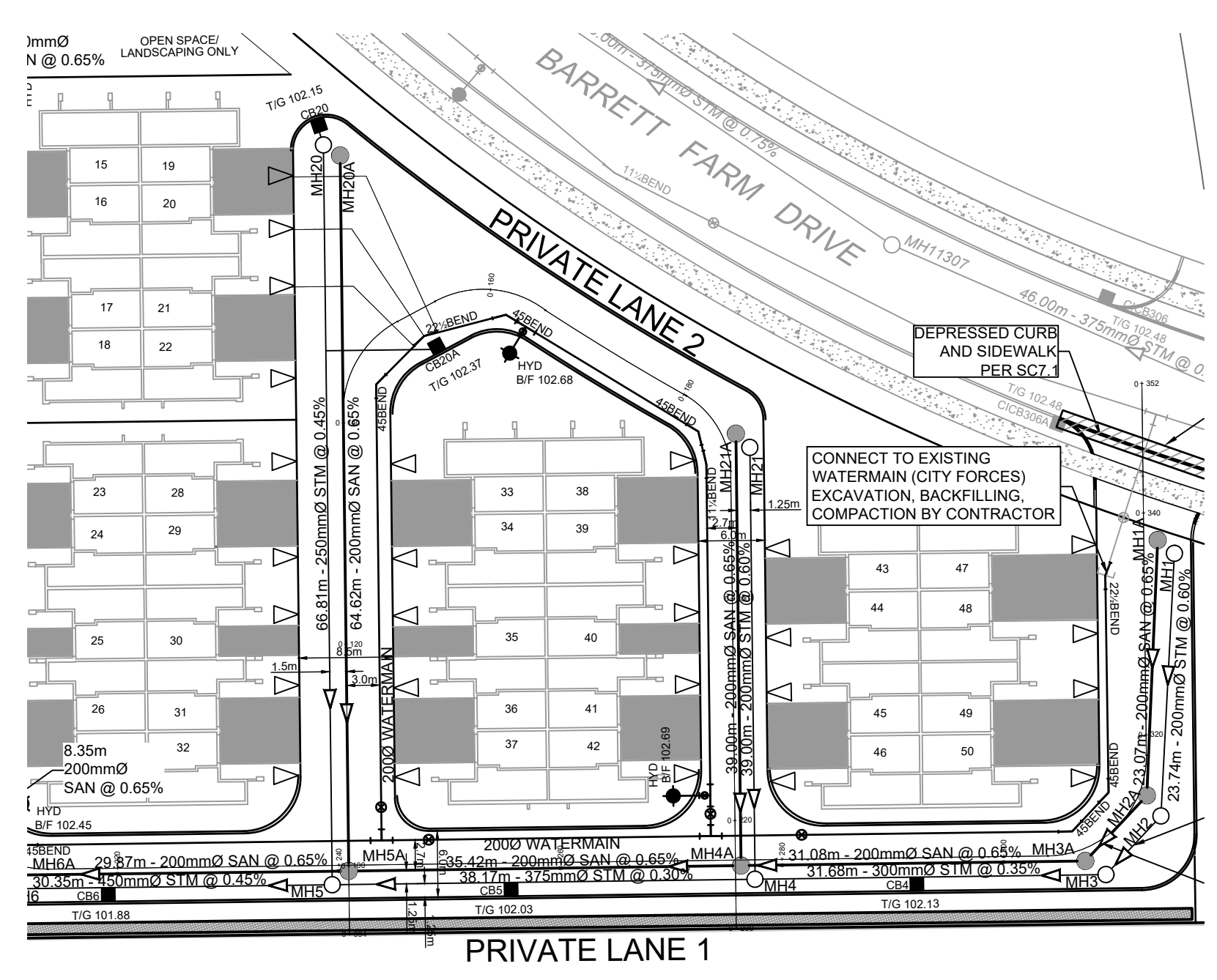
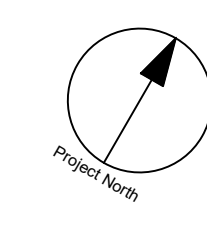
PROJECT NO: 135925
DRAWN BY: M.M.
PROJECT MGR: R.M.
SHEET TITLE: PRIVATE LANE 1

PROJECT NO: 135925	CHECKED BY: A.C.
DRAWN BY: M.M.	APPROVED BY: J.I.M.
PROJECT MGR: R.M.	

SHEET NUMBER
100

ISSUE
1

CITY FILE No. D07-
SCALE CHECK
IBI GROUP
Suite 400 - 333 Preston Street
Ottawa ON K1S 5N4
Canada
Tel: 613 225 1311 / 613 241 3300
Fax: 613 225 9868
ibigroup.com
File Location: \\1135925_Barrett\100 STREET NO 1.dwg
Last Saved: May 6, 2022, 11:28:41 AM
Plotted: Tuesday, May 10, 2022, 11:28:41 AM
by Haniun Minnie



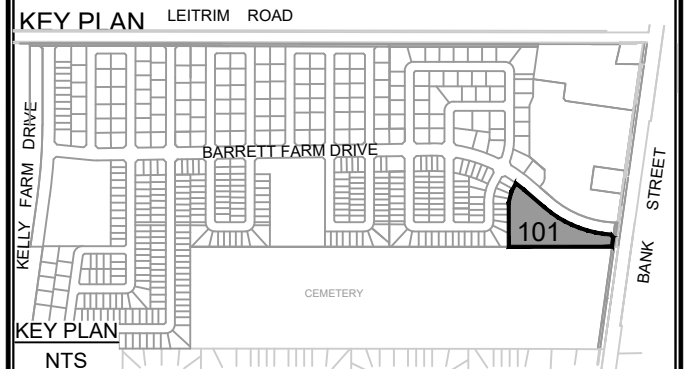
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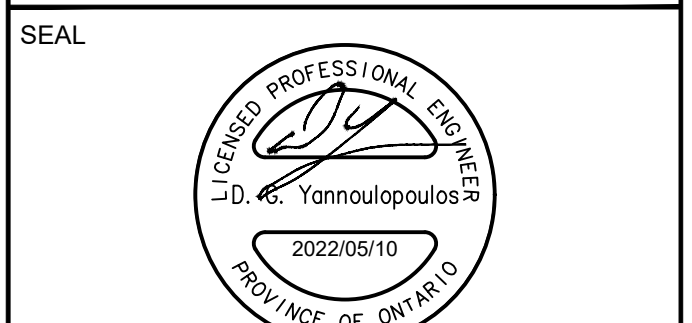
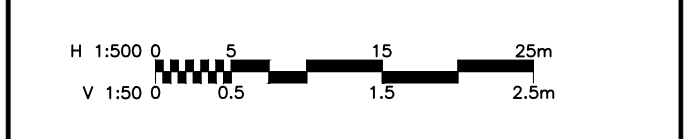
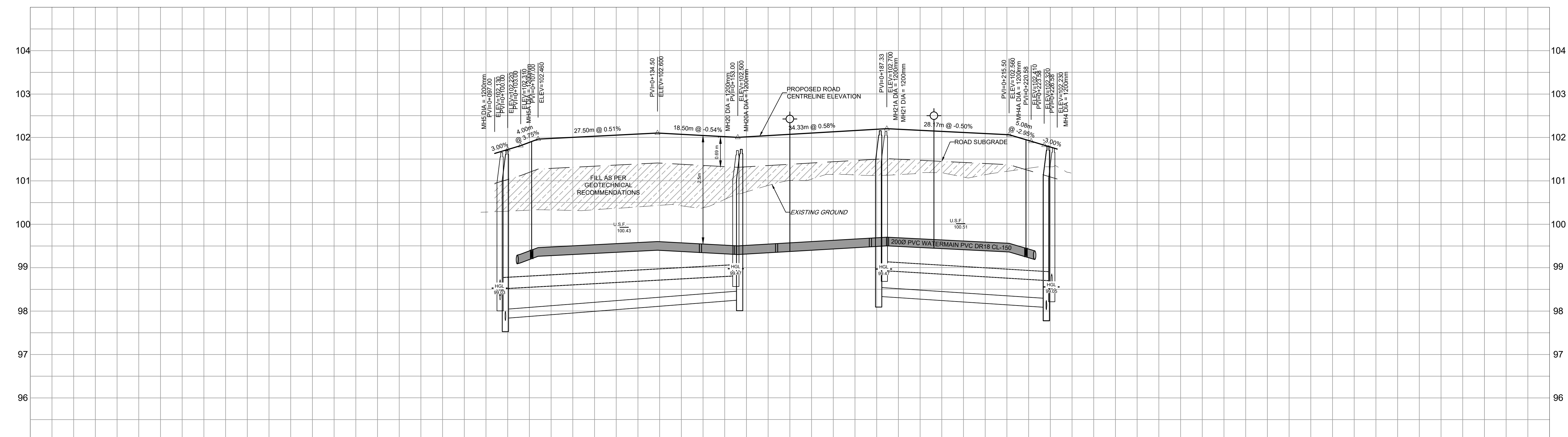
ISSUES

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CONSULTANTS



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Ottawa ON K1S 5N4 Canada
tel 613 225 1311 / 613 241 3300 fax 613 225 9868
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PROJECT
BARRETT BLOCK 178

PROJECT NO:
135925

DRAWN BY:
M.M.

PROJECT MGR:
R.M.

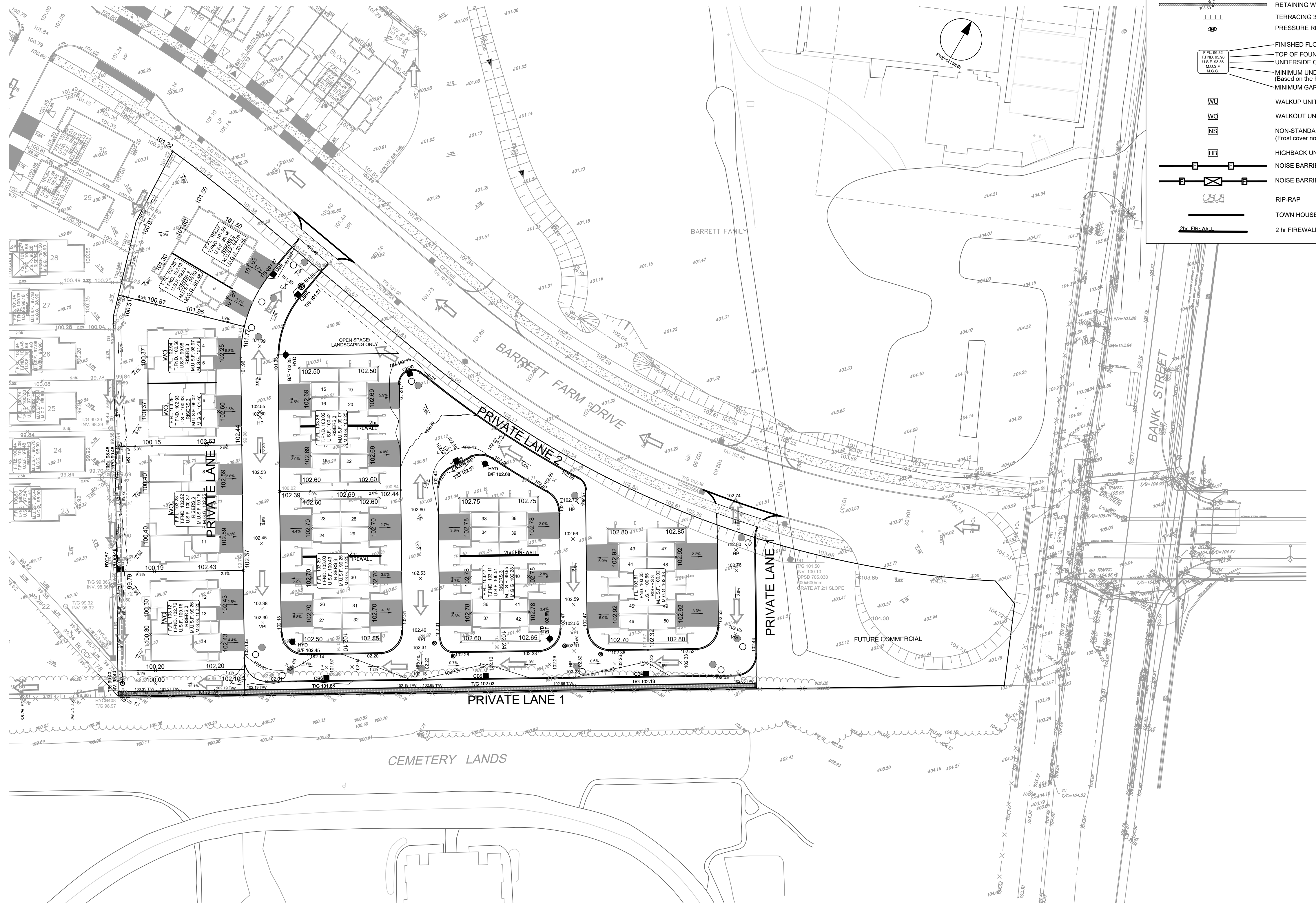
SHEET TITLE
PRIVATE LANE 2

SHEET NUMBER
101

ISSUE
1

ROAD GRADE	TOP OF WATERMAIN	STM SEWER INVERT	SAN SEWER INVERT	STATION
102.130				0+080
102.220	99.816	98.755SW 98.844NE 99.075NW	98.755SW 98.250SE 98.335NW	0+100
102.310	99.860	66.81m - 250mmØ PVC DR-35 STM @ 0.45%	64.62m - 200mmØ PVC DR-35 SAN @ 0.65%	0+120
102.460	100.026			0+140
102.526	100.100			0+160
102.600	100.070			0+180
102.570	100.000			0+200
102.500	100.041			0+220
102.541	100.157			0+240
102.657	100.200			
102.700	100.137			
102.637	100.060			
102.560	99.827			
102.420	99.860			
102.320	99.880			
102.230	99.855SW			

CITY FILE No. D07-135925-101.dwg | File Location: \\135925_Barrett\101\Sheet\101\STREET NO.2.dwg | Last Saved: May 6, 2022, 11:29:01 AM by Harian Milne



GRADING LEGEND

- PROPOSED DITCH CW FLOW DIRECTION AND SLOPE
- SLOPE CW FLOW DIRECTION
- MAJOR OVERLAND FLOW ROUTE
- PROPOSED SPOT GRADE
- PROPOSED SWALE GRADE
- PROPOSED SWALE HIGH POINT GRADE
- LOT CORNER GRADE CW EXISTING GRADE
- FULL STATIC PONDING GRADE
- RETAINING WALL CW TOP OF WALL AND GRASS GRADE
- TERRACING 3:1 MAXIMUM UNLESS NOTED OTHERWISE
- PRESSURE REDUCING VALVE
- FINISHED FLOOR ELEVATION
- TOP OF FOUNDATION ELEVATION
- UNDERSIDE OF FOOTING ELEVATION
- MINIMUM UNDERSIDE OF FOOTING (Based on the higher of the sewer overflows, or hydraulic grade line)
- MINIMUM GARAGE GRADE
- WALKUP UNIT
- WALKOUT UNIT
- NON-STANDARD FOUNDATION (Frost cover not provided for standard unit)
- HIGHBACK UNIT (1.5m frost cover on footings)
- NOISE BARRIER LOCATION
- NOISE BARRIER GATE
- RIP-RAP
- TOWN HOUSE SPLITS
- 2 hr FIREWALL

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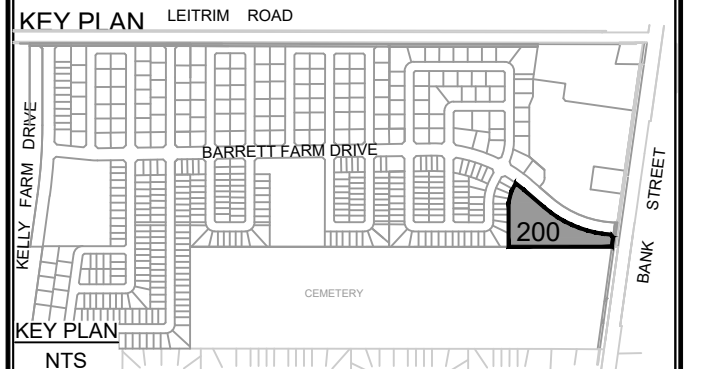
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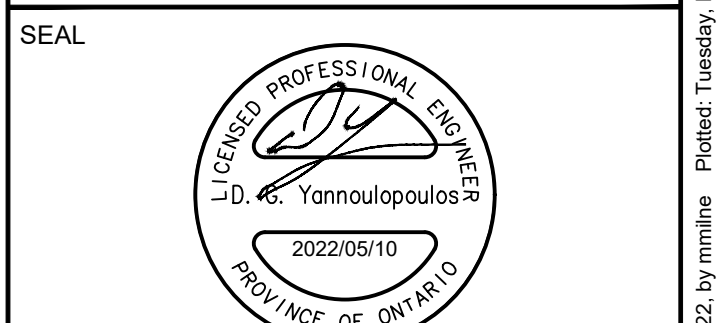
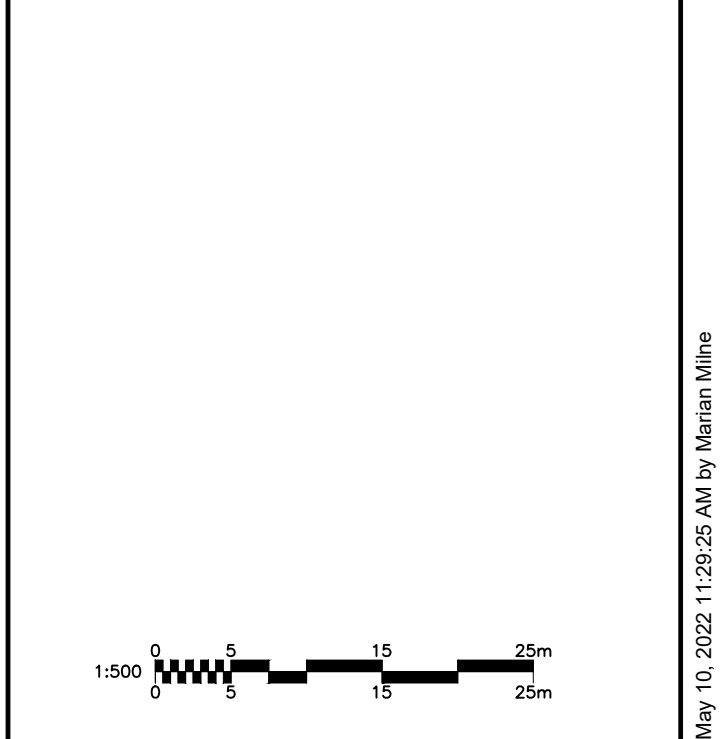
ISSUES

No.	DESCRIPTION	DATE
1	SUBMISSION NO. 1 FOR CITY REVIEW	2022-05-10
2		
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SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS.



CONSULTANTS



IBI GROUP
 Suite 400 - 333 Preston Street
 Ottawa ON K1S 5N4 Canada
 Tel: 613 225 1311 / 613 241 3300 Fax: 613 225 9868
 ibigroup.com

PROJECT
BARRETT BLOCK 178

PROJECT NO:
135925

DRAWN BY: **M.M.** CHECKED BY: **A.C.**

PROJECT MGR: **R.M.** APPROVED BY: **J.I.M.**

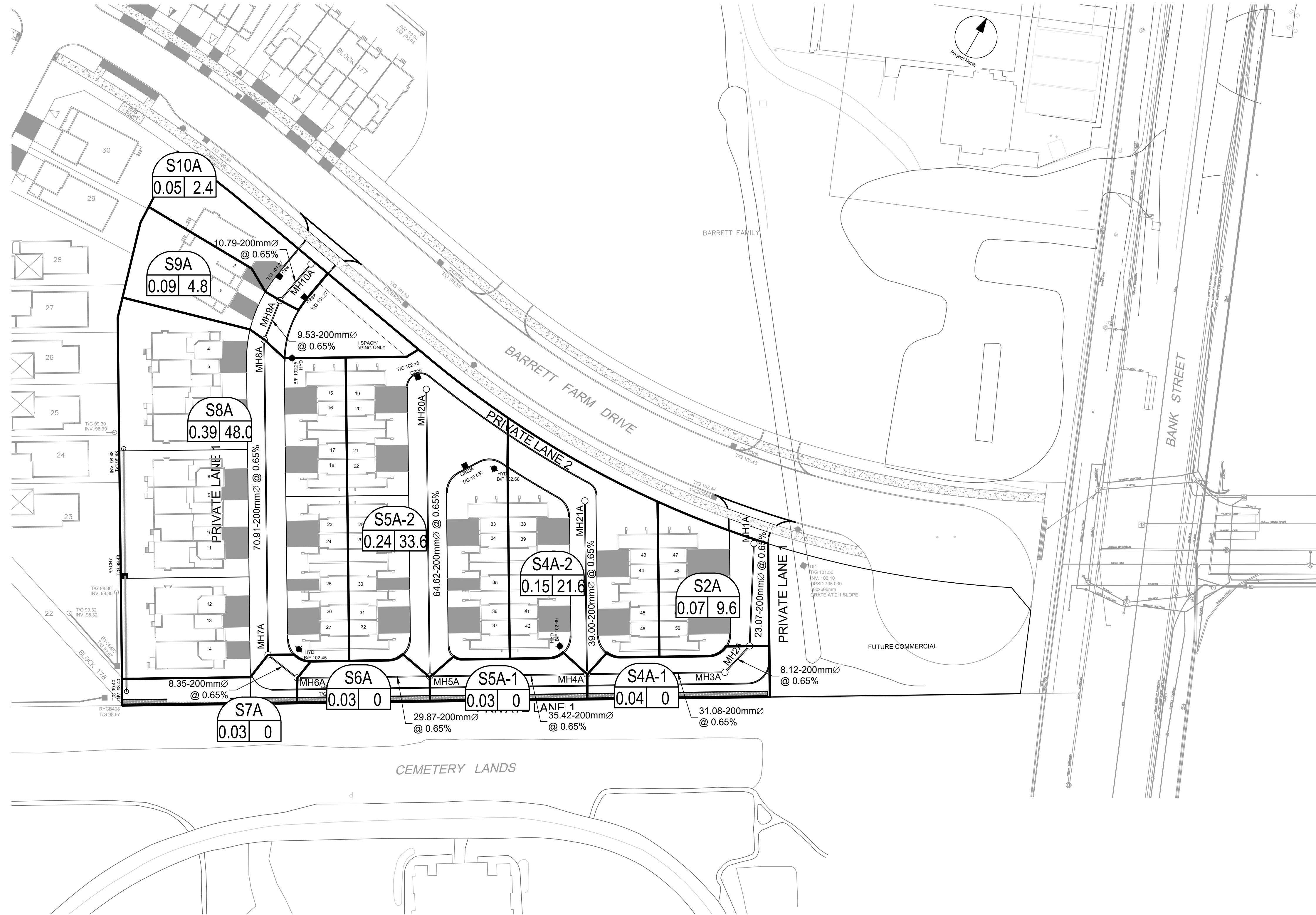
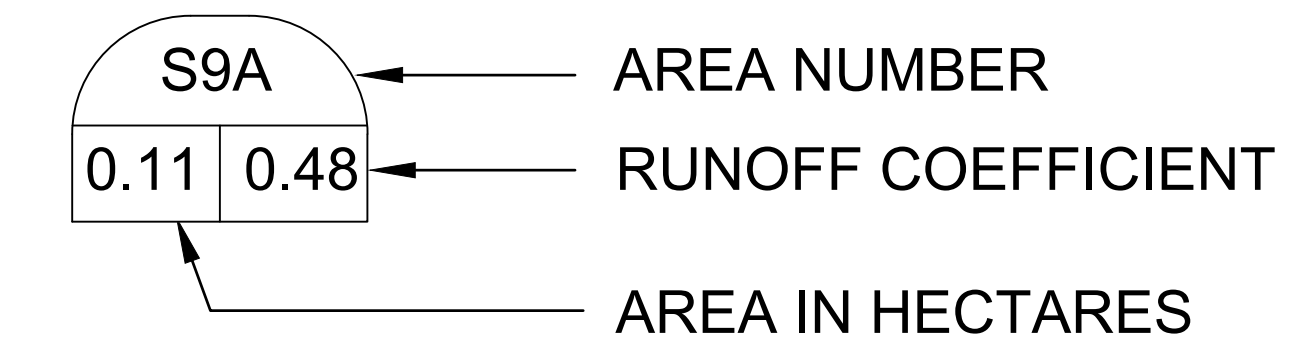
SHEET TITLE
GRADING PLAN

SHEET NUMBER **200** ISSUE **1**

CITY PLAN No. xxxxx

File Location: \\135925_Barrett\03_Production\17_03_Design\04_Civil\Sheet\200 GRADING PLAN.dwg Last Saved: May 8, 2022, by rmmine Plotted: Tuesday, May 10, 2022 11:29:26 AM by Minian Mline
 SCALE CHECK
 CITY FILE No. D07-

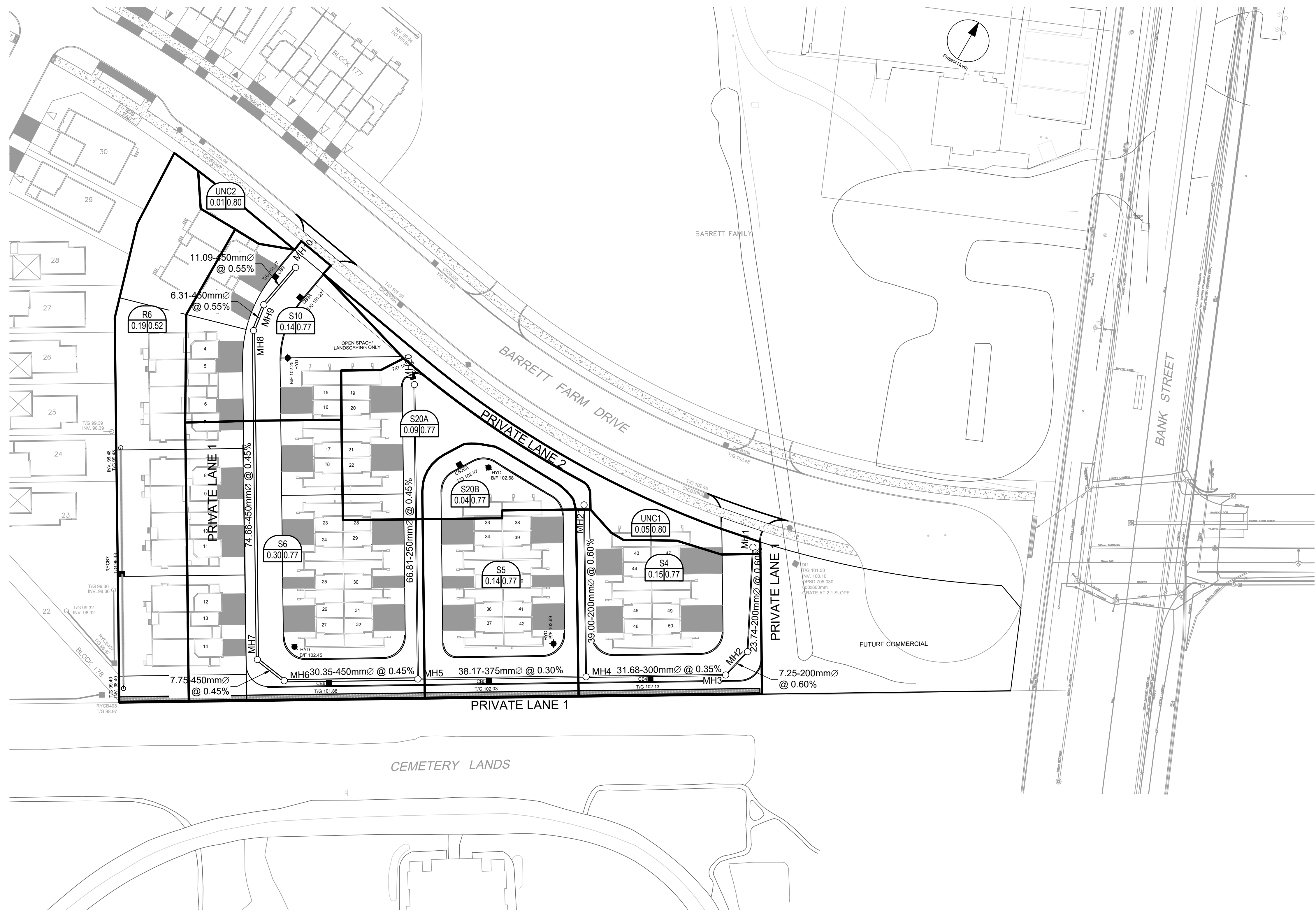
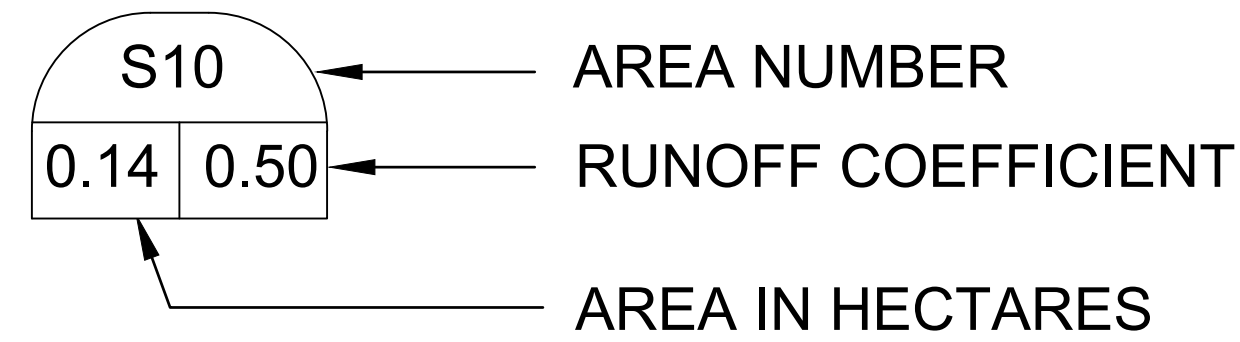
LEGEND :



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ISSUES	
No.	DESCRIPTION
1	SUBMISSION NO. 1 FOR CITY REVIEW
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<small>SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS.</small>	
KEY PLAN	
<small>LEITRIM ROAD</small>	
<small>BARRETT FARM DRIVE</small>	
<small>BANK STREET</small>	
<small>400</small>	
<small>CONSULTANTS</small>	
<small>1:500</small>	
<small>SEAL</small>	
IBI GROUP	
<small>Suite 400 - 333 Preston Street Ottawa ON K1S 5N4 Canada Tel: 613 225 1311 / 613 241 3300 Fax: 613 225 9868 ibigroup.com</small>	
PROJECT	
BARRETT BLOCK 178	
PROJECT NO:	
135925	
DRAWN BY:	CHECKED BY:
M.M.	A.C.
PROJECT MGR:	APPROVED BY:
R.M.	J.I.M.
SHEET TITLE	
SANITARY DRAINAGE AREA PLAN	
SHEET NUMBER	ISSUE
400	1
<small>CITY PLAN No. xxxxx</small>	

File Location: J:\135925_Barrett\Drawings\Sanitary Drainage Area Plan.dwg | Last Saved: May 5, 2022, 11:29:42 AM by Marian Mine | Printed: Tuesday, May 10, 2022 11:29:42 AM by Marian Mine | SCALE CHECK | CITY FILE No. D07-

LEGEND :

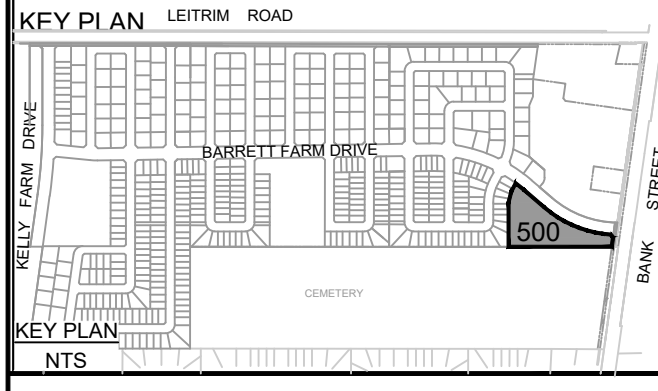


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ISSUES		
No.	DESCRIPTION	DATE
1	SUBMISSION NO. 1 FOR CITY REVIEW	2022-05-10
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CONSULTANTS



IBI GROUP
Suite 400 - 333 Preston Street
Ottawa ON K1S 5N4 Canada
tel 613 225 1311 / 613 241 3300 fax 613 225 9868
ibigroup.com

PROJECT
BARRETT BLOCK 178

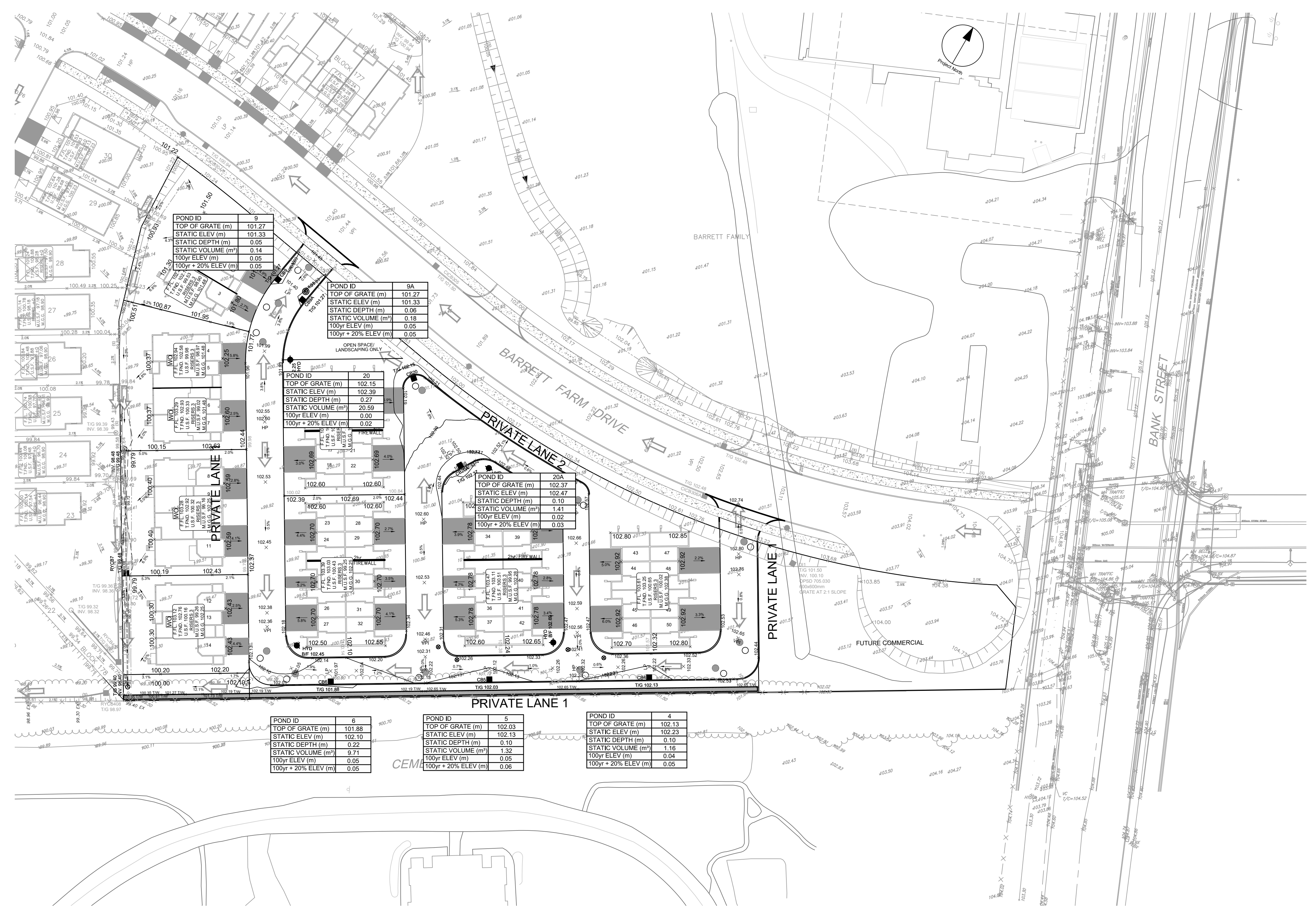
PROJECT NO:
135925

DRAWN BY: M.M.	CHECKED BY: A.C.
PROJECT MGR: R.M.	APPROVED BY: J.J.M.

SHEET TITLE
**STORM DRAINAGE AREA
PLAN**

SHEET NUMBER 500	ISSUE 1
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CITY FILE No. D07-1-1
SCALE CHECK
File Location: J:\135925_Design\04_Civil\Sheet\500 STORM DRAINAGE AREA PLAN.dwg Last Saved: April 21, 2022, by rmmine Plotted: Tuesday, May 10, 2022 1:28:57 AM by Marian Milne



POND ID	9
TOP OF GRATE (m)	101.27
STATIC ELEV (m)	101.33
STATIC DEPTH (m)	0.06
STATIC VOLUME (m³)	0.14
100yr ELEV (m)	0.05
100yr + 20% ELEV (m)	0.05

POND ID	9A
TOP OF GRATE (m)	101.27
STATIC ELEV (m)	101.33
STATIC DEPTH (m)	0.06
STATIC VOLUME (m³)	0.18
100yr ELEV (m)	0.05
100yr + 20% ELEV (m)	0.05

POND ID	20
TOP OF GRATE (m)	102.15
STATIC ELEV (m)	102.39
STATIC DEPTH (m)	0.27
STATIC VOLUME (m³)	20.59
100yr ELEV (m)	0.00
100yr + 20% ELEV (m)	0.02

POND ID	20A
TOP OF GRATE (m)	102.37
STATIC ELEV (m)	102.47
STATIC DEPTH (m)	0.10
STATIC VOLUME (m³)	1.41
100yr ELEV (m)	0.02
100yr + 20% ELEV (m)	0.03

POND ID	6
TOP OF GRATE (m)	101.88
STATIC ELEV (m)	102.10
STATIC DEPTH (m)	0.22
STATIC VOLUME (m³)	9.71
100yr ELEV (m)	0.05
100yr + 20% ELEV (m)	0.05

POND ID	5
TOP OF GRATE (m)	102.03
STATIC ELEV (m)	102.13
STATIC DEPTH (m)	0.10
STATIC VOLUME (m³)	1.32
100yr ELEV (m)	0.05
100yr + 20% ELEV (m)	0.06

POND ID	4
TOP OF GRATE (m)	102.13
STATIC ELEV (m)	102.23
STATIC DEPTH (m)	0.10
STATIC VOLUME (m³)	1.16
100yr ELEV (m)	0.04
100yr + 20% ELEV (m)	0.05

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ISSUES

No.	DESCRIPTION	DATE
1	SUBMISSION NO. 1 FOR CITY REVIEW	2022-05-10
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SEE 010, 011, 012 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS.

KEY PLAN

CONSULTANTS

SCALE

IBI GROUP
Suite 400 - 333 Preston Street
Ottawa ON K1S 5N4 Canada
tel 613 225 1311 / 613 241 3300 fax 613 225 9868
bigroup.com

PROJECT
BARRETT BLOCK 178

PROJECT NO:
135925

DRAWN BY: M.M. CHECKED BY: A.C.

PROJECT MGR: R.M. APPROVED BY: J.I.M.

SHEET TITLE
PONDING PLAN

SHEET NUMBER
600

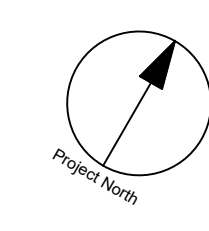
ISSUE
1

CITY PLAN No. xxxxx

FILE No. D07-

SCALE CHECK

File Location: J:\135925_Barrett\03_Design\04_Civil\Sheet\600_PONDING PLAN.dwg Last Saved: May 8, 2022, by rmmine Plotted: Tuesday, May 10, 2022 11:30:19 AM by Minam Mine



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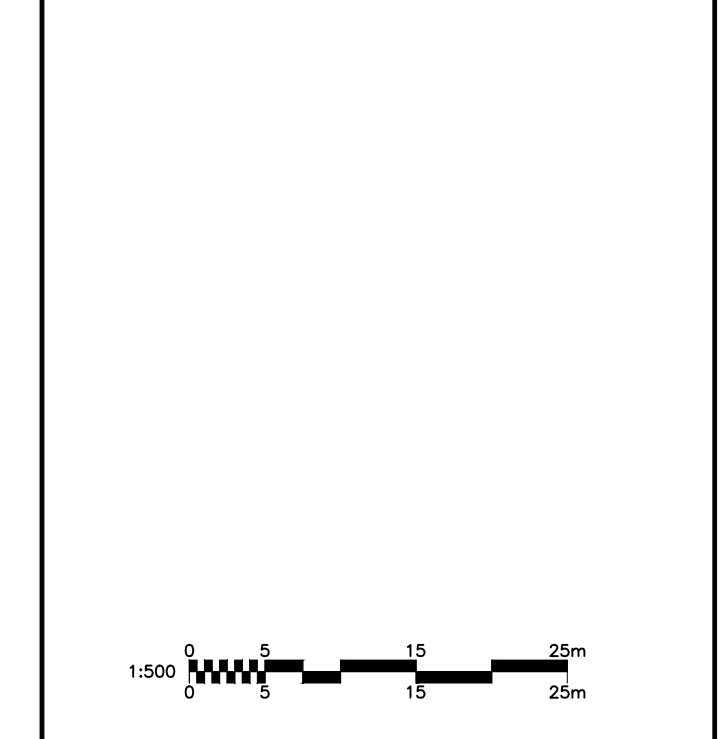
ISSUES

No.	DESCRIPTION	DATE
1	SUBMISSION NO. 1 FOR CITY REVIEW	2022-05-10
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CONSULTANTS



SEAL

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Ottawa ON K1S 5N4 Canada
Tel: 613 225 1311 / 613 241 3300 Fax: 613 225 9868
ibigroup.com

PROJECT
BARRETT BLOCK 178

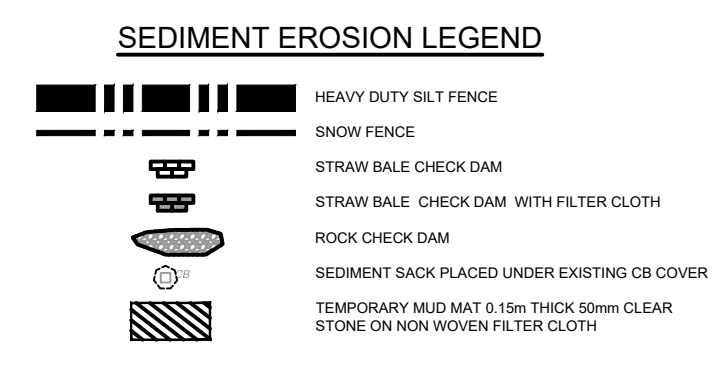
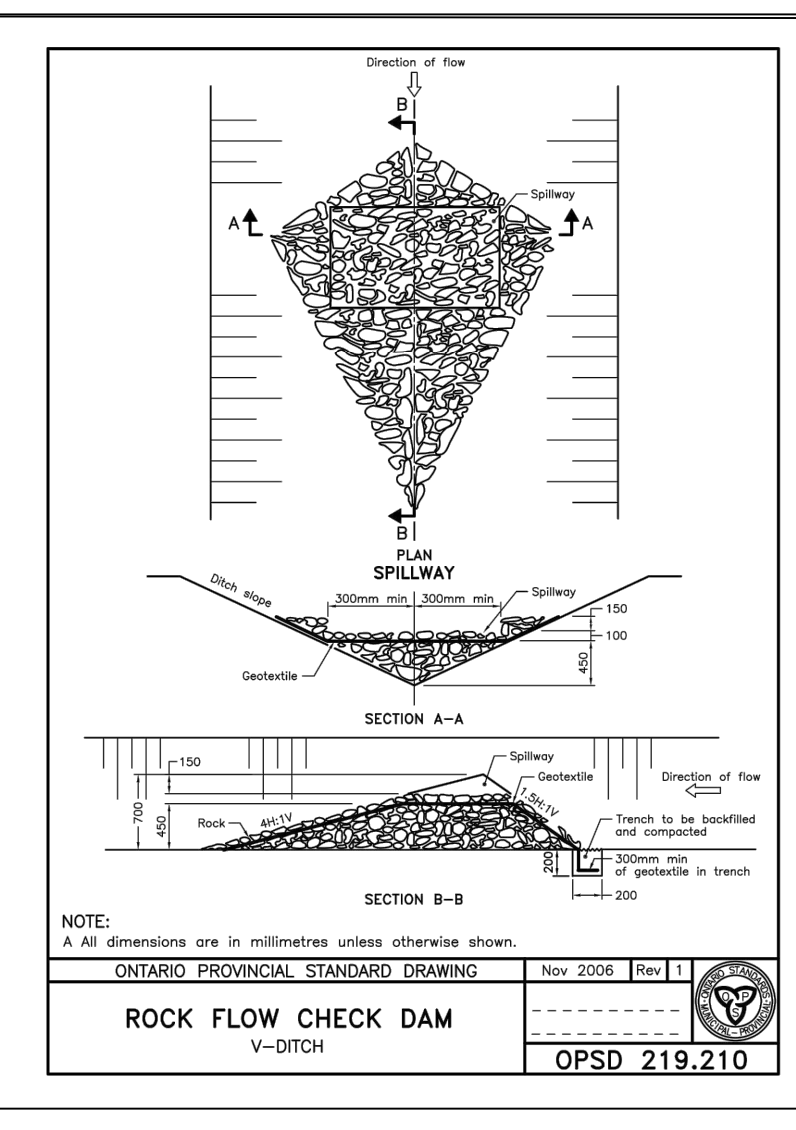
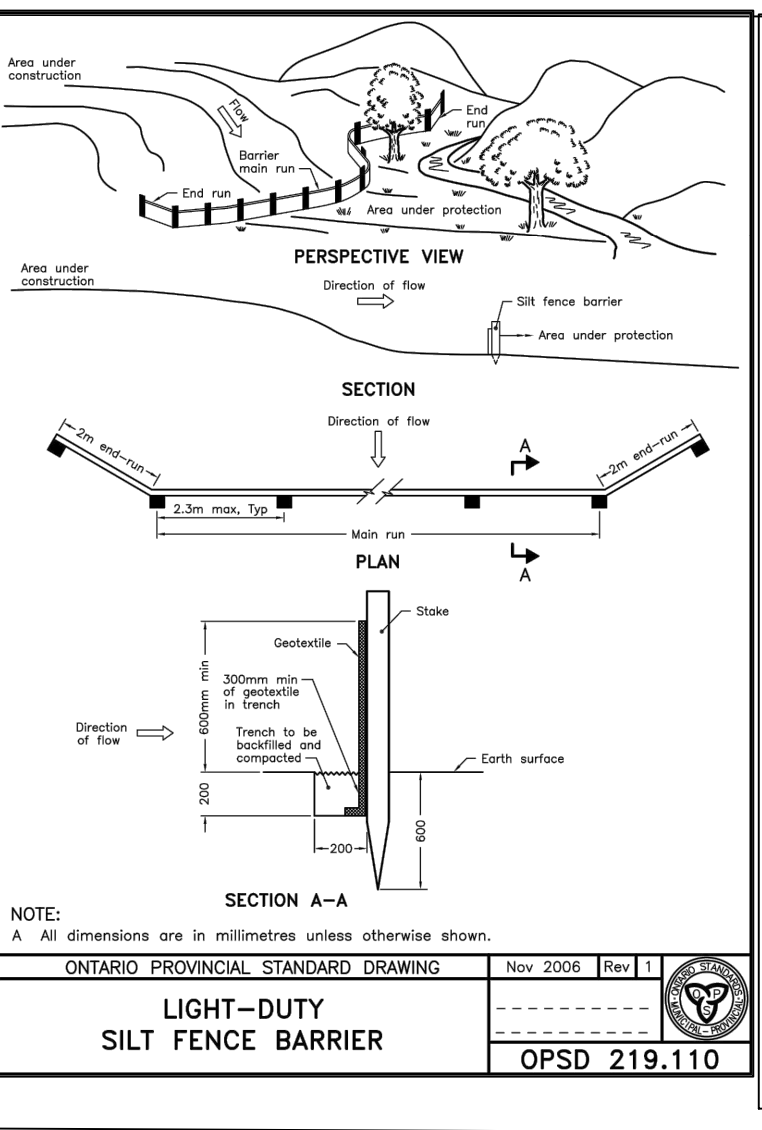
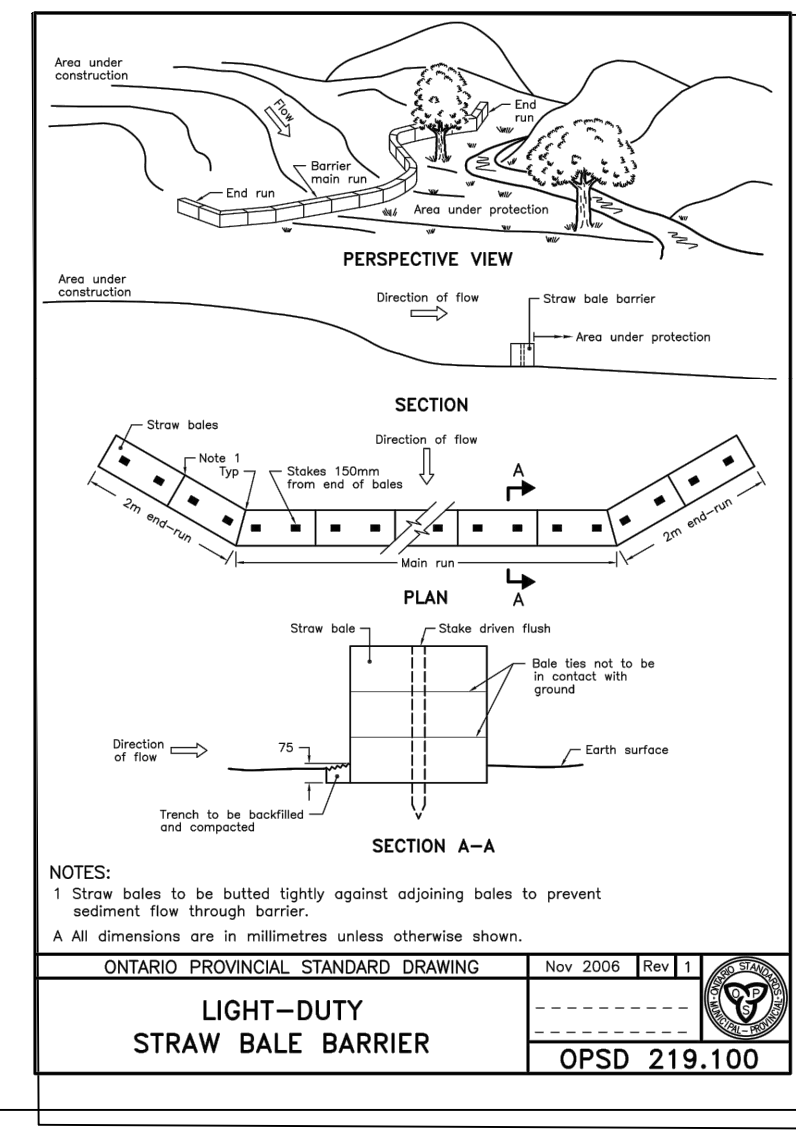
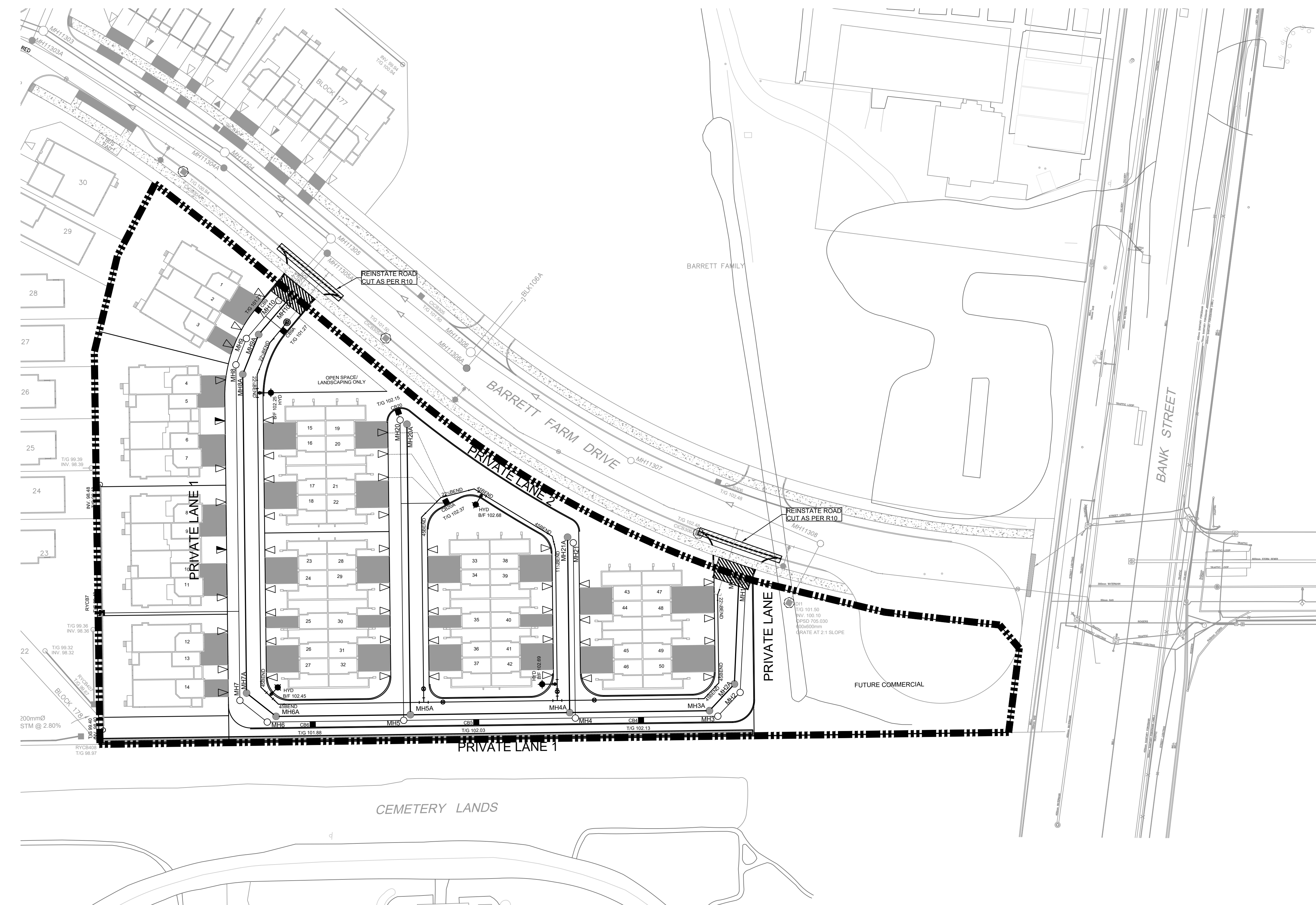
PROJECT NO:
135925

DRAWN BY: **M.M.** CHECKED BY: **A.C.**

PROJECT MGR: **R.M.** APPROVED BY: **J.I.M.**

SHEET TITLE
**SEDIMENT AND EROSION
CONTROL PLAN**

SHEET NUMBER **900** ISSUE **1**



- NOTES:**
- SILT FENCE TO BE ERECTED PRIOR TO EARTH WORKS BEING COMMENCED. SILT FENCE TO BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED OR UNTIL START OF SUBSEQUENT PHASE.
 - STRAW BALE SEDIMENT TRAPS TO BE CONSTRUCTED IN EXISTING ROAD SIDE DITCHES. TRAPS TO REMAIN AND BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.
 - SILT SACK TO BE PLACED AND MAINTAINED UNDER COVER OF ALL CATCHBASINS. GEOTEXTILE SILT SACK IN STREET CBS TO REMAIN UNTIL ALL CURBS ARE CONSTRUCTED. GEOTEXTILE FABRIC IN RYCBs TO REMAIN UNTIL VEGETATION IS ESTABLISHED. ALL CATCHBASINS TO BE REGULARLY INSPECTED AND CLEANED, AS NECESSARY, UNTIL SOD AND CURBS ARE CONSTRUCTED.
 - CONTRACTOR TO PROVIDE DETAILS ON LOCATION(S) AND DESIGN OF DEWATERING TRAP(S) PRIOR TO COMMENCING WORK. CONTRACTOR ALSO RESPONSIBLE FOR MAINTAINING TRAP(S) AND ADJUSTING SIZE(S) IF DEEMED REQUIRED BY THE ENGINEER DURING CONSTRUCTION.
 - CONTRACTOR TO PROTECT EXISTING CATCHBASINS WITH FILTER CLOTH UNDER THE COVERS TO TRAP SEDIMENTATION. REFER TO IDENTIFIED STRUCTURES.
 - IF DEEMED NECESSARY BY CITY INSPECTOR, LOCATION OF MUD MATS TO BE DETERMINED IN THE FIELD.
 - CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION, INSPECTION, MAINTENANCE AND REMOVAL OF ALL CONTROL MEASURES.
 - THIS PLAN IS A "LIVING DOCUMENT" WHICH MAY BE REVISED IN THE EVENT THE CONTROL MEASURES ARE INSUFFICIENT.

CITY FILE No. D07-1135925-Barrett.indd7.0_Production7.03_Design704_CivilSheet600 SEDIMENT AND EROSION CONTROL PLAN.dwg Last Saved: May 5, 2022, by rmmile Printed: Tuesday, May 10, 2022 11:30:37 AM by Marian Milne