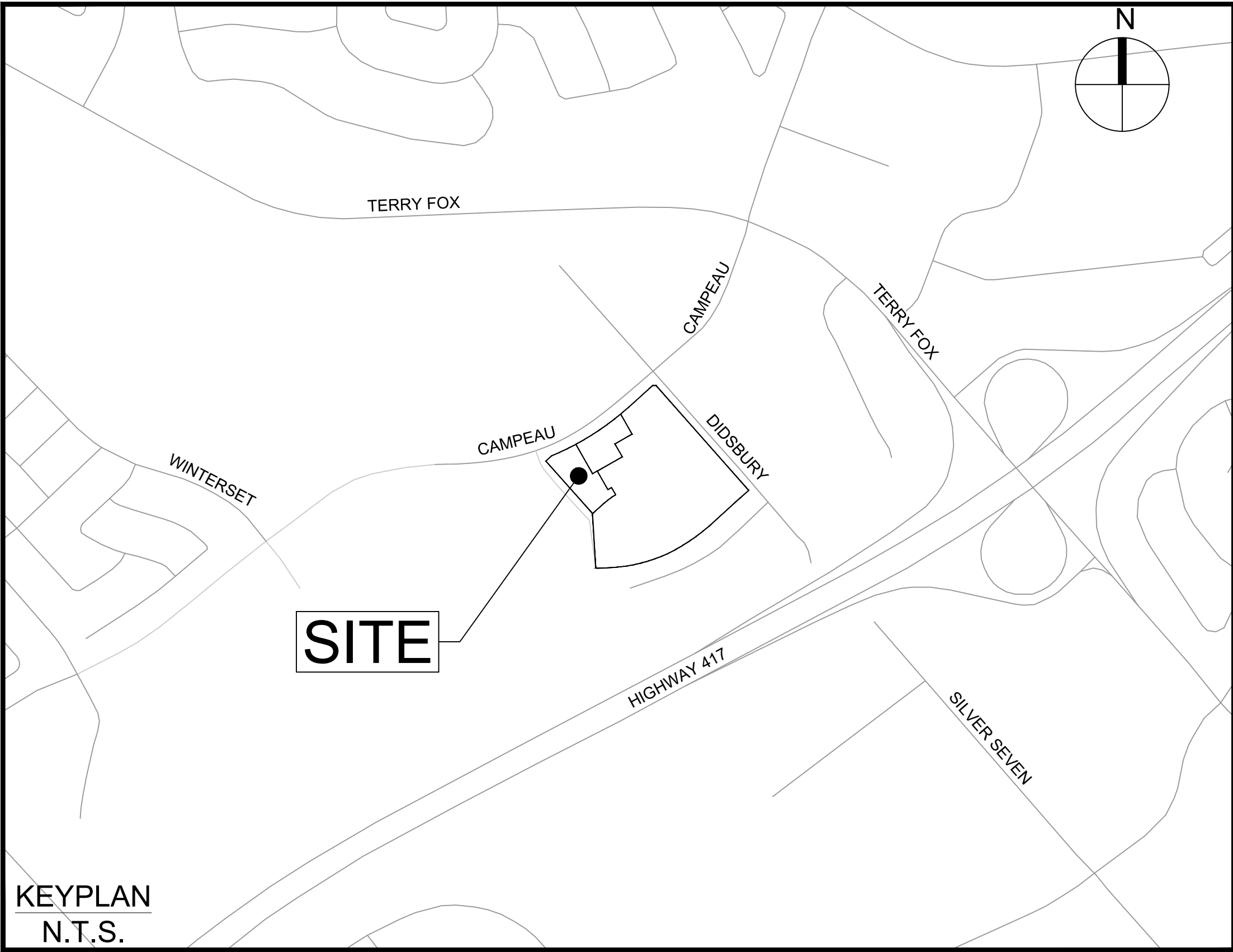


8201 CAMPEAU DRIVE



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Drawing List Table	
Sheet Number	Sheet Title
000	COVER
001	GENERAL PLAN OF SERVICES
010	NOTES & LEGEND
100	J WAY
200	GRADING PLAN
400	SANITARY DRAINAGE AREA PLAN
500	STORM DRAINAGE AREA PLAN
900	SEDIMENT - EROSION PLAN

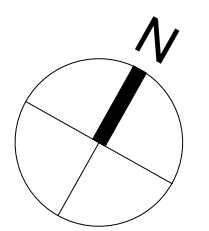
CONTRACT NO. 30282806

WATERMAIN SCHEDULE					
	Station	Description	Finished Grade	Top of Watermain	As Built Watermain
A	0+000.00	TEE	95.870	93.270	
	0+003.59	VB	95.830	93.430	
B	0+073.53	BLDG B	96.460	94.060	

Date 2025-07-18

CROSSING SCHEDULE

①	200 mm ø W/M	0.620 m	CLEARANCE OVER	250 mm ø SAN
②	200 mm ø W/M	0.500 m	CLEARANCE OVER	825 mm ø STM
③	375 mm ø STM	0.900 m	CLEARANCE OVER	250 mm ø SAN
④	375 mm ø STM	0.430 m	CLEARANCE OVER	200 mm ø W/M
⑤	200 mm ø W/M	0.270 m	CLEARANCE OVER	250 mm ø SAN
⑥	250 mm ø STM	1.240 m	CLEARANCE OVER	250 mm ø SAN
⑦	250 mm ø STM	0.830 m	CLEARANCE OVER	200 mm ø W/M
⑧	250 mm ø STM	1.670 m	CLEARANCE OVER	250 mm ø SAN
⑨	250 mm ø STM	0.700 m	CLEARANCE OVER	200 mm ø W/M



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Arcadis Professional Services (Canada) Inc.

Formerly B Group Professional Services (Canada) Inc.

No.	DESCRIPTION	DATE
1	SUBMISSION 1 FOR CITY REVIEW	2025-07-18

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

KEY PLAN

CONSULTANTS

SEAL

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PROJECT

8201 CAMPEAU DRIVE

PROJECT NO:

30282806

DRAWN BY:	C.C.	CHECKED BY:	T.B.
PROJECT MGR:	S.L.	APPROVED BY:	S.L.

SHEET TITLE

GENERAL PLAN OF SERVICES

SHEET NUMBER	001	ISSUE	1
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File Location: C:\Users\lormier\392\DOCC\Draws\Arcadis ACC USACA-30282806-8201 Campeau Drive\Project Files\10_WF\PH_Civil\Sheets\001 GENERAL PLAN OF SERVICES.dwg List Saved: July 17, 2025, by: comierc392 Printed: July 18, 2025 2:16:34 PM by: Corrier, Chris

D07-XX-XX-XXXX
1 m
XXXX

Diagram illustrating the components of a street cross-section:

- LIMIT OF CONSTRUCTION
- PHASING LINE
- BARRIER CURB
- MOUNTABLE CURB
- DEPRESSED BARRIER CURB
- CONCRETE SIDEWALK
- TACTILE WALKING SURFACE INDICATOR
- ASPHALT SIDEWALK / PATHWAY
- BUS STOP CONCRETE / ASPHALT

SANITARY SEWER

SANITARY SEWER

STORM MANHOLE

STORM SEWER - LESS THAN 9000

STORM SEWER - 9000 & GREATER

WATERMAIN

2000 WATERMAIN

CB100
T/G 104.10

STREET CATCHBASIN C/W TOP OF GRADE

OCB151
G/G 104.25

CURB INLET CATCHBASIN C/W GUTTER GRADE

DCB100
T/G 104.10

DOUBLE CATCHBASIN C/W TOP OF GRADE

DCB151
G/G 104.25

DOUBLE CURB INLET CATCHBASIN C/W GUTTER GRADE

DIO1
T/G 103.59

DITCH INLET MANHOLE C/W TOP OF GRADE

CBMH101
T/G 103.59

CATCHBASIN MANHOLE C/W TOP OF GRADE

RYCB
T/G 104.35

REAR YARD CATCHBASIN IN ROAD CONNECTING STRUCTURE C/W SOLID GRADE

T/G 104.35
Rev 103.35

REAR YARD "TEE" CATCHBASIN (3000) C/W TOP OF GRADE AND INVERT OUT

T/G 104.35
Rev 103.35

REAR YARD "END" CATCHBASIN (3000) C/W TOP OF GRADE AND INVERT OUT

T/G 104.35
Rev 103.35

REAR YARD "CUSTOM ANGLED " CATCHBASIN (4500) C/W TOP OF GRADE AND INVERT OUT

T/G 104.35
Rev 103.35

REAR YARD "THREE WAY" CATCHBASIN (4500) C/W TOP OF GRADE AND INVERT OUT

PERFORATED REAR YARD SUBDRAIN

300mm CSP

CSP CULVERT C/W DIAMETER

VALVE AND VALVE BOX

VALVE AND VALVE CHAMBER

PARK VALVE CHAMBER C/W SERVICE POST

FIRE HYDRANT C/W BOTTOM OF FLANGE ELEVATION

2000 WM **RED** **1500 WM**

WATERMAIN REDUCER

VERTICAL BEND LOCATION

SIAMESE CONNECTION (IF REQUIRED)

METER (IF REQUIRED)

REMOTE METER (IF REQUIRED)

WATERMAIN IDENTIFICATION (IF REQUIRED)

PIPE CROSSING IDENTIFICATION (IF REQUIRED)

SINGLE SERVICE LOCATION

DOUBLE SERVICE LOCATION

SINGLE SERVICE LOCATION (REQUIRES FOUNDATION SLEEVE)

INFERRED REFUSAL (SEE GEOTECHNICAL REPORT)

100 YEAR STORM HYDRAULIC GRADE LINE AT MANHOLE

UNDERSIDE OF FOOTING ELEVATION

CLAY SEAL IN SEWER / WATERMAIN TRENCH

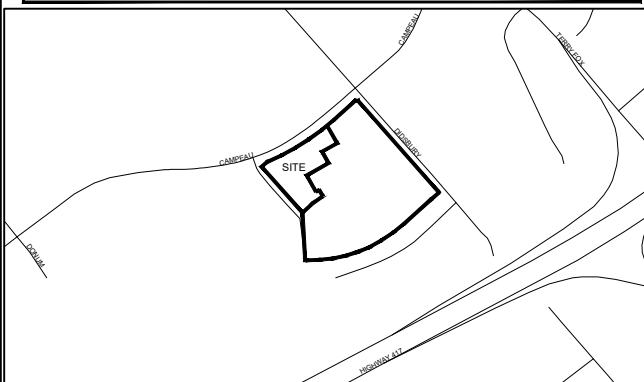
BH 12
102.00

HGL
101.79
USE
101.70

1. ALL MATERIALS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS & SPECIFICATIONS OR OPS/DPSS IF CITY DRAWINGS AND SPECIFICATIONS DO NOT APPLY.
2. THE POSITION OF UNDERGROUND AND ABOVE GROUND SERVICE, UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH SERVICE, UTILITIES AND STRUCTURES IS NOT GUARANTEED. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING SERVICES AND UTILITIES PRIOR TO CONSTRUCTION.
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. ANY AREAS BEYOND THE SITE LIMITS, WHICH ARE DISTURBED DURING CONSTRUCTION, SHALL BE REPAIRED AND RESTORED TO ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE ADJACENT LAND OWNER, THE OWNERS, THE OWNERS REPRESENTATIVES AND/OR THE AUTHORITY HAVING JURISDICTION AT THE EXPENSE OF THE CONTRACTOR.
6. WHERE NECESSARY, THE CONTRACTOR SHALL IMPLEMENT A TRAFFIC MANAGEMENT PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA. ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE LATEST VERSION OF THE M.T.O. MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. ALL TEMPORARY TRAFFIC CONTROL MEASURES MUST BE REMOVED UPON THE COMPLETION OF THE WORKS.
7. SHOULD ANY BURIED ARCHAEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE OFFICE TO CONTACT THE HERITAGE OPERATIONS UNIT OF THE NATIONAL MINISTRY OF CULTURE MUST BE NOTIFIED IMMEDIATE, AND WORK WITHIN THE AREA SHALL BE CEASED UNTIL FURTHER NOTICE.
8. FOR GEOTECHNICAL INFORMATION REFER TO GEOTECHNICAL REPORT PQ6834 PREPARED BY PATERSON GROUP.

40mm	- SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm	- SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm	- OPSS GRANULAR "A" CRUSHED STONE
300mm	- OPSS GRANULAR "B" TYPE II

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



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PROJECT
8201 CAMPEAU DRIVE

PROJECT NO:
30282806

DRAWN BY:
C.C.

CHECKED BY:
T.B.

PROJECT M
S.L.

APPROVED BY
S.L.

SHEET TITLE

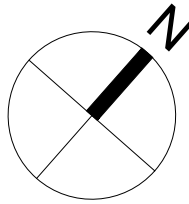
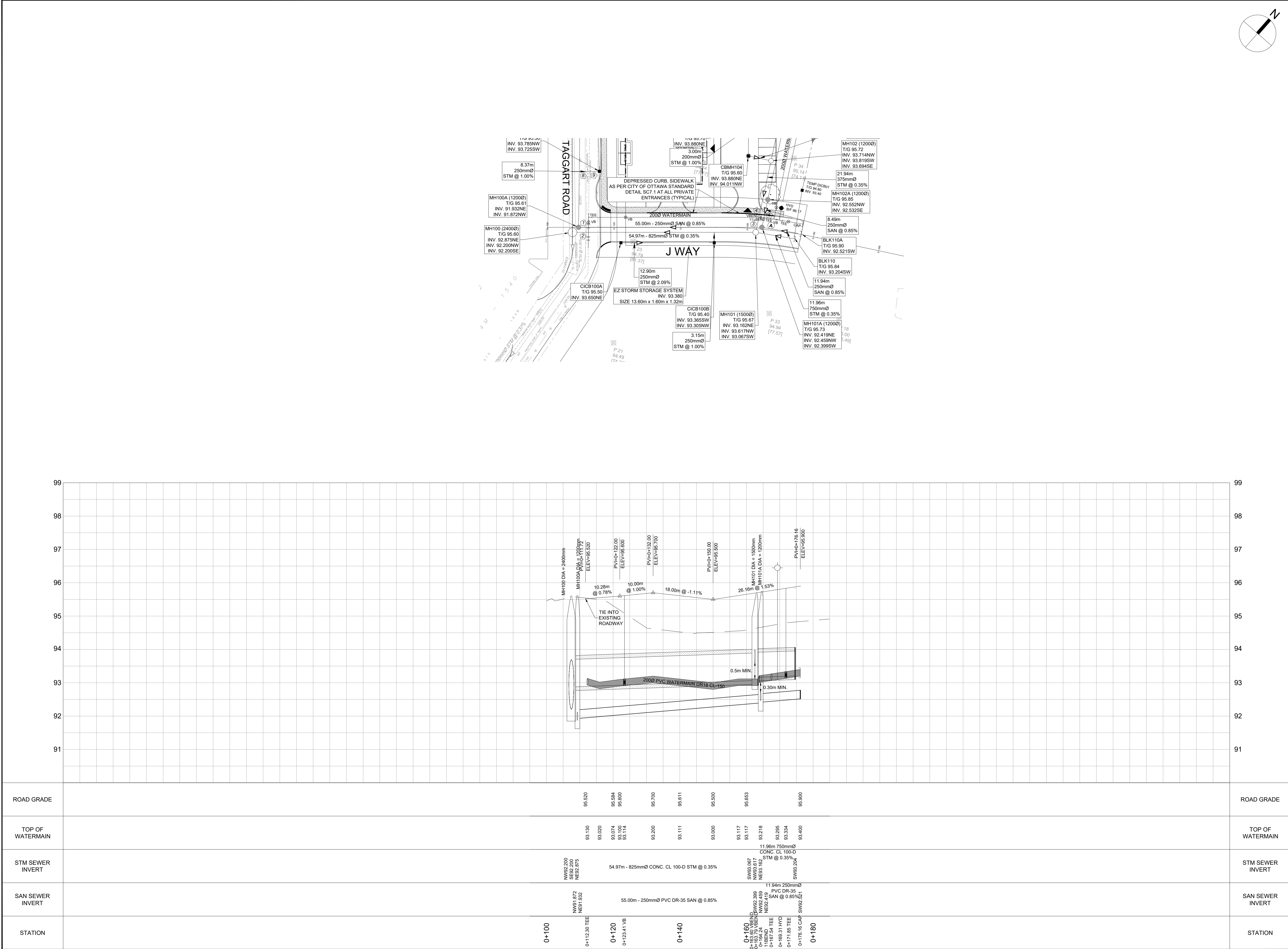
NOTES & LEGEND

SHEET NUMBER

ISSUE 1

010

1



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ISSUES

No.	DESCRIPTION	DATE
1	SUBMISSION 1 FOR CITY REVIEW	2025-07-18

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

KEY PLAN

CONSULTANTS

H 1:500 0 5 10 15 20m

V 1:50 0 0.5 1.0 1.5 2.0m

SEAL

L I C E N S E D P R O F E S S I O N A L E N G I N E E R

S. E. LABADIE

100214983

2025/07/18

P R O V I N C E O F O N T A R I O

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PROJECT

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PROJECT NO:
30282806

DRAWN BY:
C.C.

PROJECT MGR:
S.L.

CHECKED BY:
T.B.

APPROVED BY:
S.L.

SHEET TITLE

J WAY

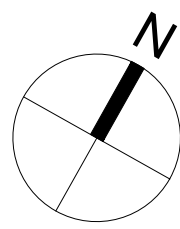
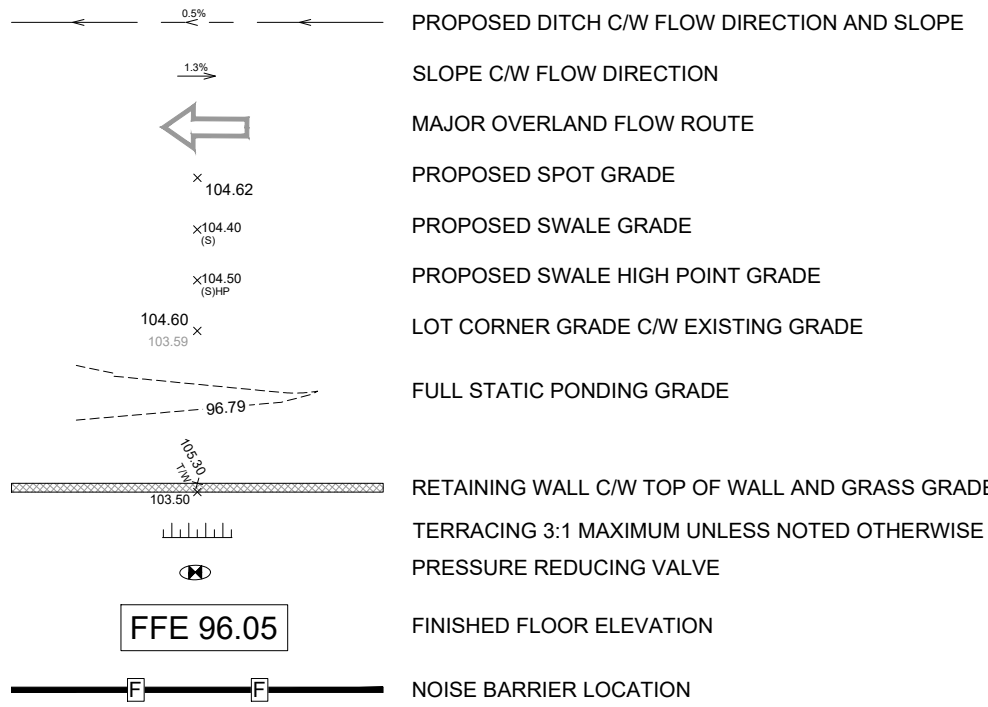
SHEET NUMBER

100

ISSUE

1

GRADING LEGEND



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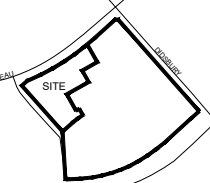
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ISSUES

No.	DESCRIPTION	DATE
1	SUBMISSION 1 FOR CITY REVIEW	2025-07-18

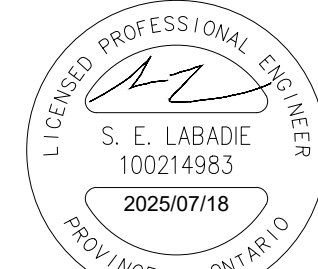
SEE 010 FOR NOTES, LEGEND, CB TABLE, STREET SECTIONS AND DETAILS

KEY PLAN



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8201 CAMPEAU DRIVE

PROJECT NO:
30282806

DRAWN BY:
C.C.

PROJECT MGR:
S.L.

CHECKED BY:
T.B.

APPROVED BY:
S.L.

SHEET TITLE
GRADING

SHEET NUMBER
200

ISSUE
1



REGRADE SECTION OF ROADWAY
TO BE MIN 0.5% FALL
REINSTATE PER CITY STANDARD R10

POND ID	5
TOP OF GRATE (m)	95.48
STATIC ELEV (m)	95.59
STATIC DEPTH (m)	0.11
STATIC VOLUME (m³)	3.47
100yr ELEV (m)	95.48
100yr VOLUME (m³)	0

POND ID	6
TOP OF GRATE (m)	95.57
STATIC ELEV (m)	95.62
STATIC DEPTH (m)	0.05
STATIC VOLUME (m³)	0.23
100yr ELEV (m)	95.57
100yr VOLUME (m³)	0

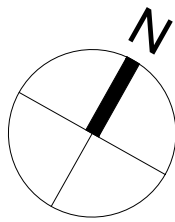
POND ID	7
TOP OF GRATE (m)	95.50
STATIC ELEV (m)	95.54
STATIC DEPTH (m)	0.04
STATIC VOLUME (m³)	0.07
100yr ELEV (m)	95.54
100yr VOLUME (m³)	0

POND ID	2
TOP OF GRATE (m)	95.50
STATIC ELEV (m)	95.75
STATIC DEPTH (m)	0.15
STATIC VOLUME (m³)	3.77
100yr ELEV (m)	95.74
100yr VOLUME (m³)	2.548

POND ID	3
TOP OF GRATE (m)	95.60
STATIC ELEV (m)	95.75
STATIC DEPTH (m)	0.15
STATIC VOLUME (m³)	14.05
100yr ELEV (m)	95.74
100yr VOLUME (m³)	9.703

POND ID	4
TOP OF GRATE (m)	95.40
STATIC ELEV (m)	95.60
STATIC DEPTH (m)	0.20
STATIC VOLUME (m³)	8.95
100yr ELEV (m)	95.40
100yr VOLUME (m³)	0

DEPRESSED CURB, SIDEWALK
AS PER CITY OF OTTAWA STANDARD
DETAIL SC7.1 AT ALL PRIVATE
ENTRANCES (TYPICAL)



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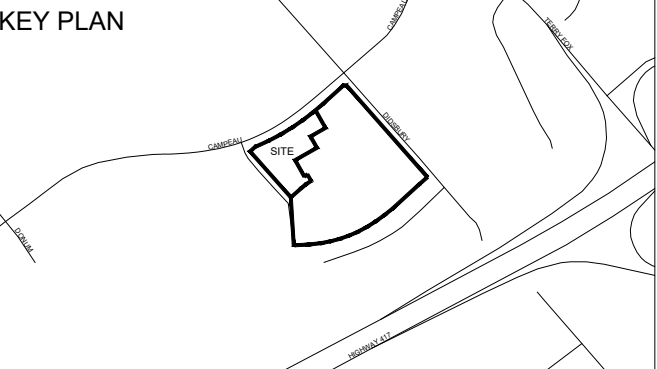
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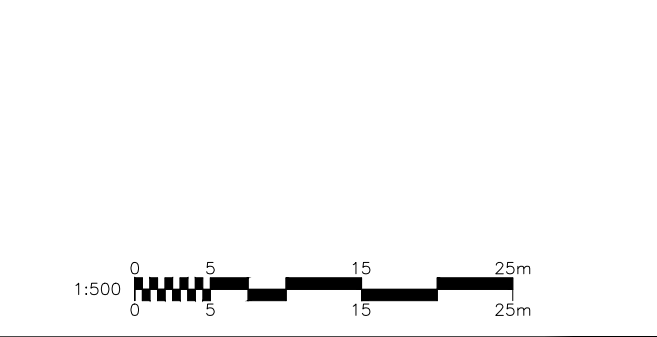
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ISSUES		
No.	DESCRIPTION	DATE
1	SUBMISSION 1 FOR CITY REVIEW	2025-07-18

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



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PROJECT

8201 CAMPEAU DRIVE

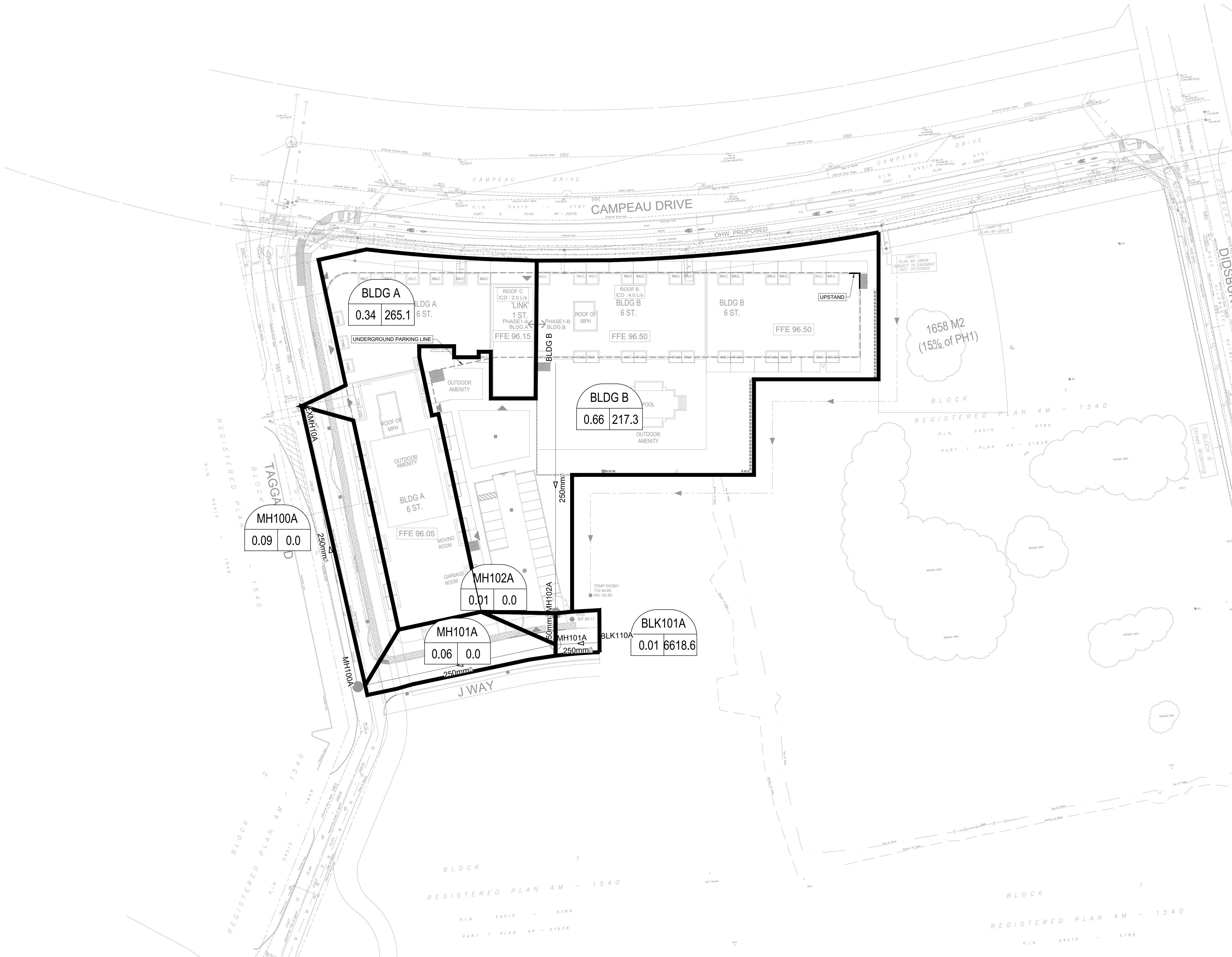
PROJECT NO:
30282806

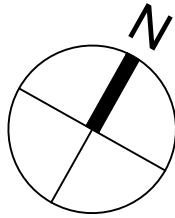
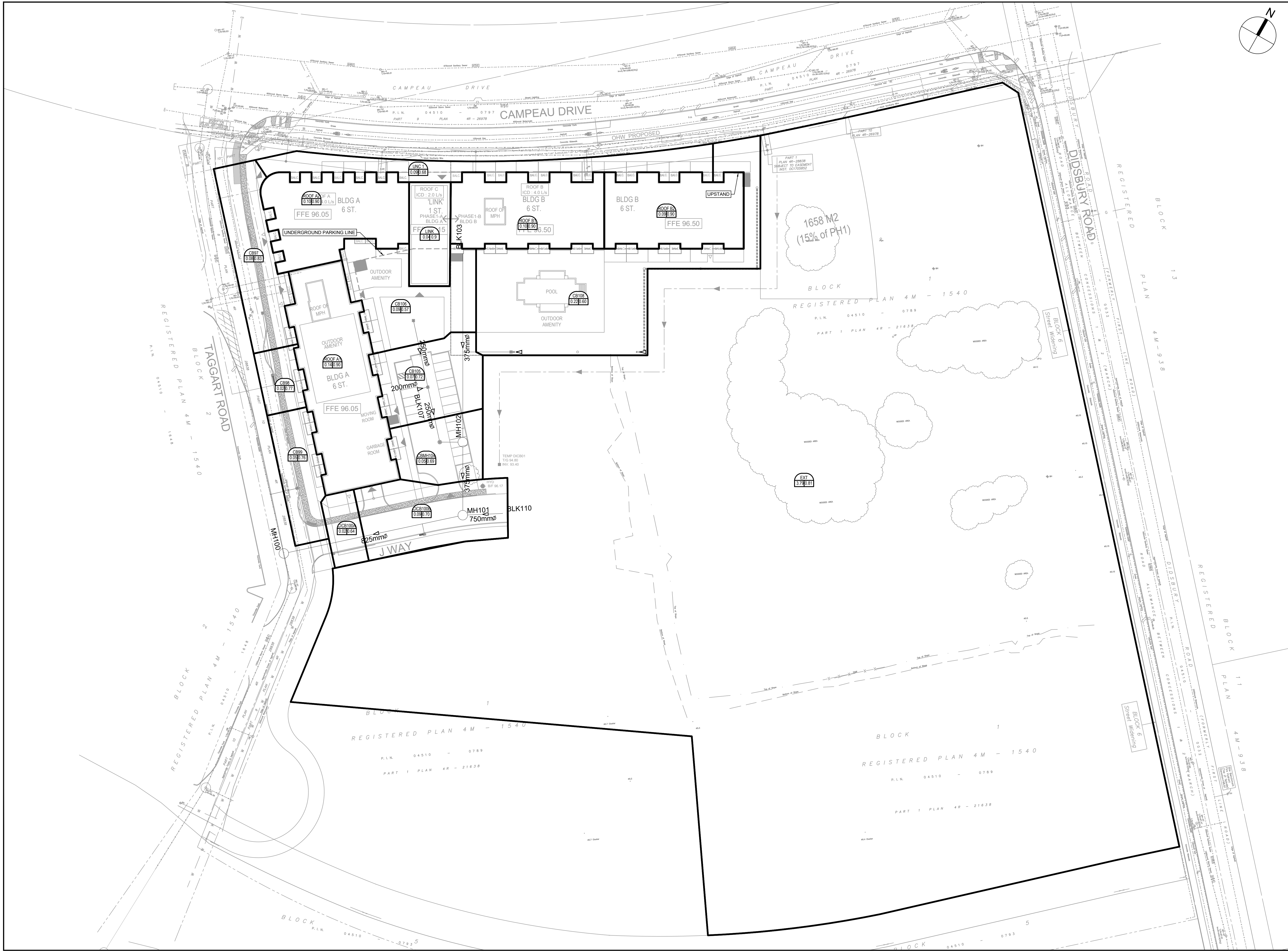
DRAWN BY: C.C.	CHECKED BY: T.B.
PROJECT MGR: S.L.	APPROVED BY: S.L.

SHEET TITLE

SANITARY DRAINAGE AREA PLAN

SHEET NUMBER	ISSUE
400	1





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ISSUES		
No.	DESCRIPTION	DATE
1	SUBMISSION 1 FOR CITY REVIEW	2025-07-18

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

KEY PLAN

CONSULTANTS

1:500

0 5 10 15 20m

SEAL

LICENCED PROFESSIONAL ENGINEER

S. E. LABADIE

100214983

2025/07/18

PROVINCE OF ONTARIO

PRIME CONSULTANT

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PROJECT

8201 CAMPEAU DRIVE

PROJECT NO:

30282806

DRAWN BY:

C.C.

CHECKED BY:

T.B.

PROJECT MGR:

S.L.

APPROVED BY:

S.L.

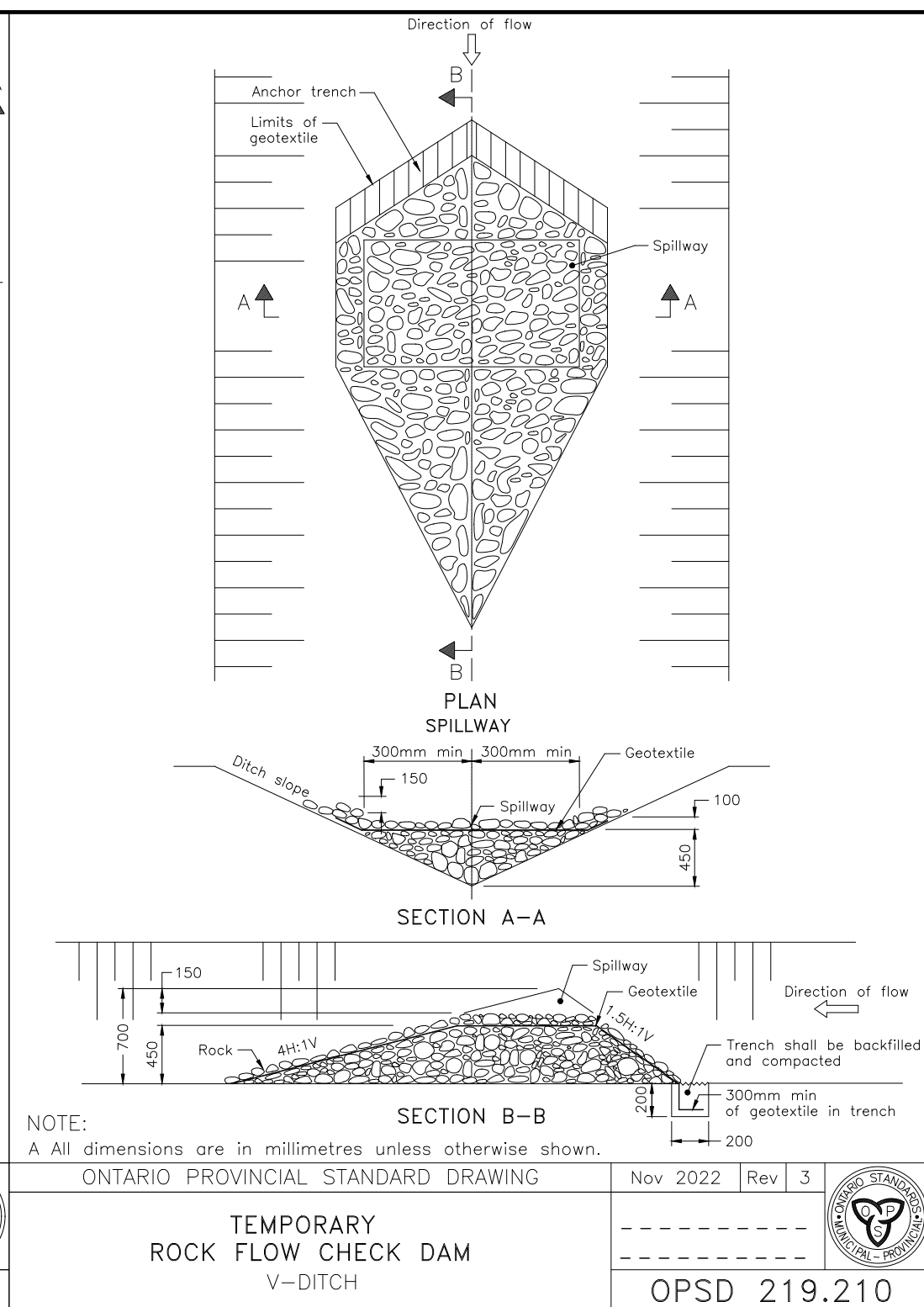
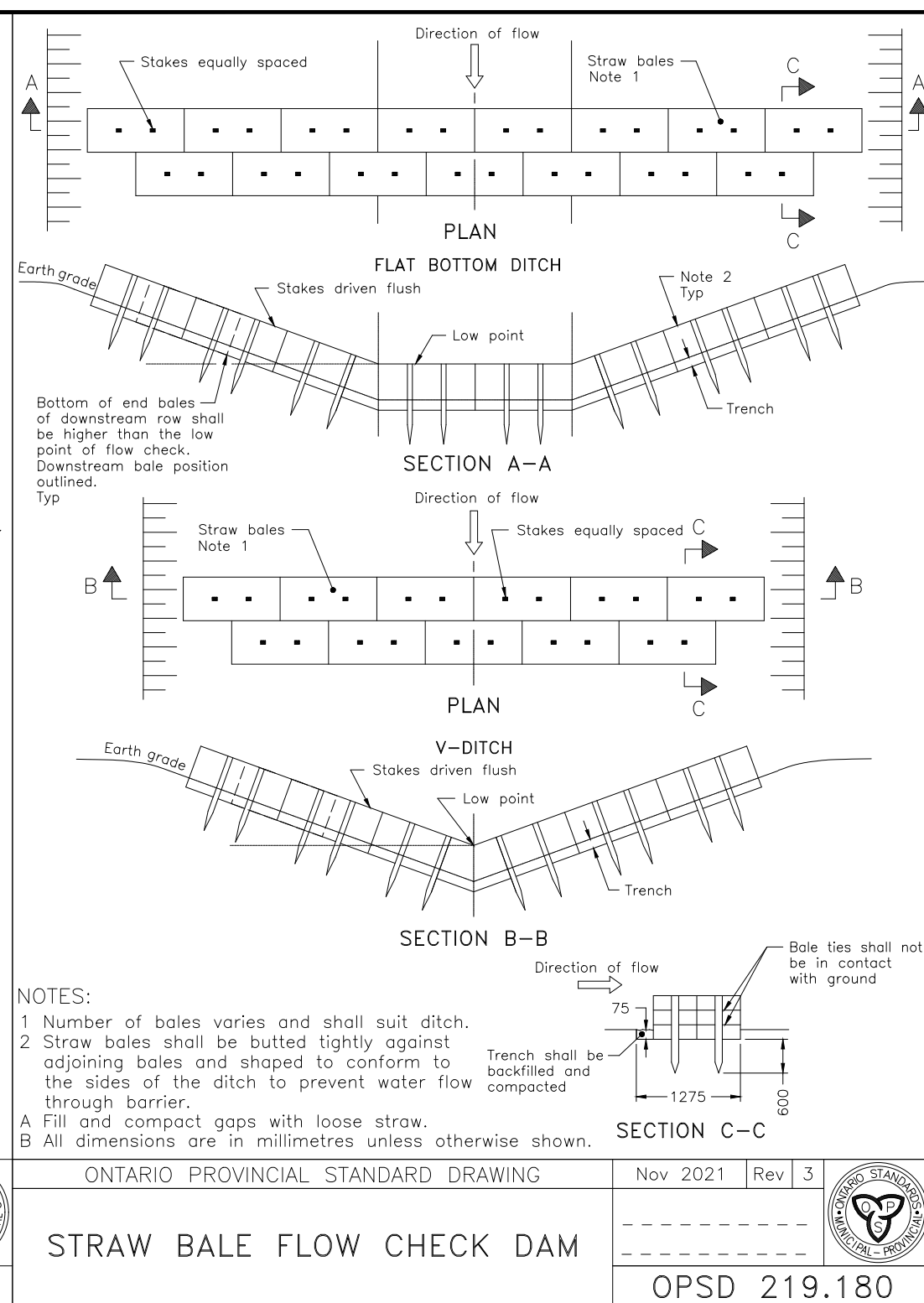
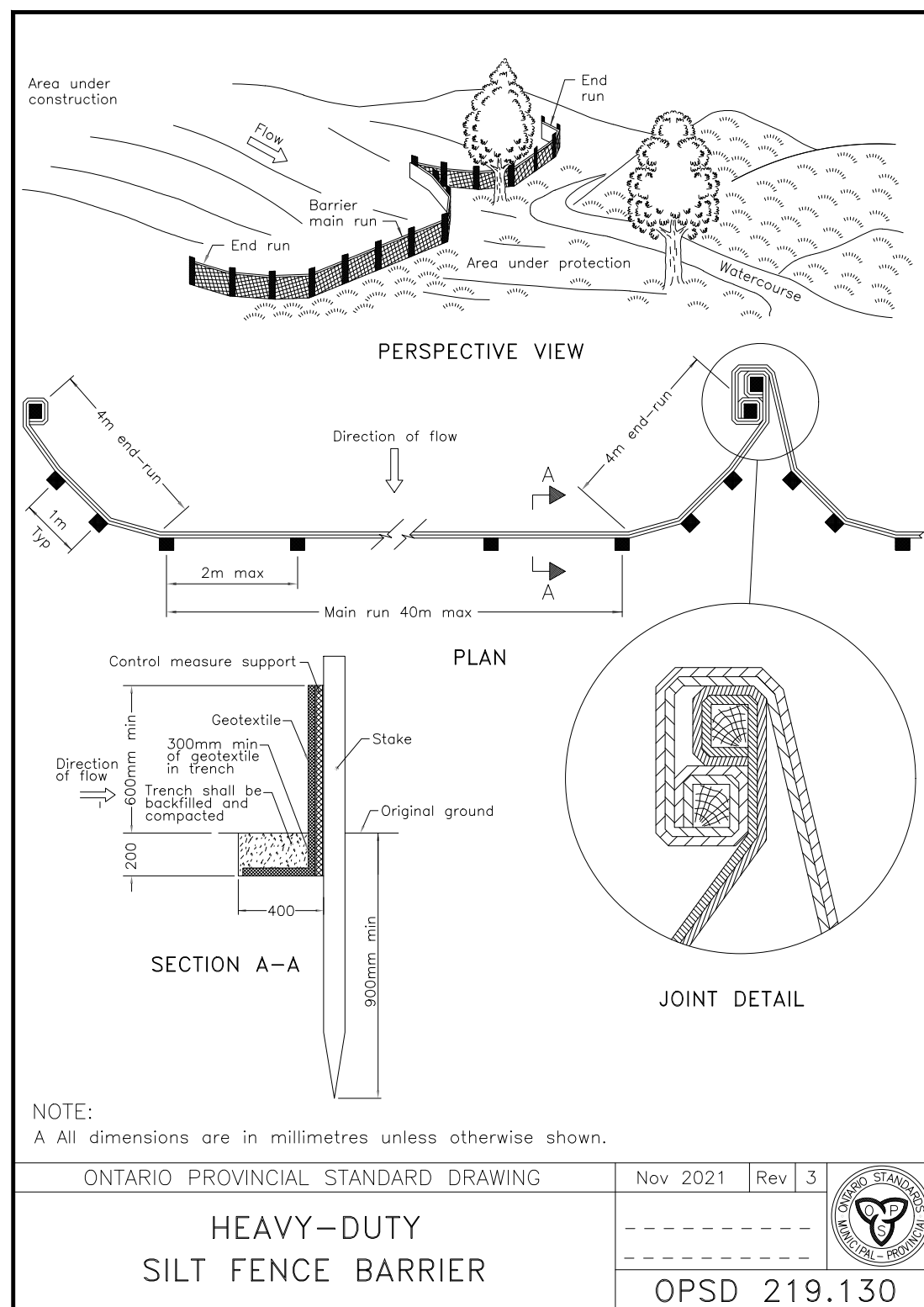
SHEET TITLE

STORM DRAINAGE AREA PLAN

SHEET NUMBER	ISSUE
500	1

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D07-XX-XX-XXXX
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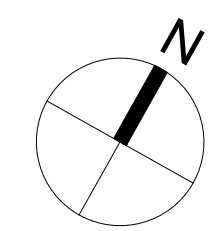


NOTES:

- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
- 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.
- FILTER CLOTH TO BE PLACED AND MAINTAINED UNDER COVER OF ALL PROPOSED CATCHBASINS AFTER BASE COURSE, AND EXISTING CATCHBASINS IDENTIFIED OUTSIDE OF CONSTRUCTION LIMIT. FILTER CLOTH IN STREET C/S TO REMAIN UNTIL ALL CURBS ARE CONSTRUCTED. FILTER CLOTH IN R/CBS 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.
- WORKS NOTED ABOVE ARE TO BE INSTALLED, INSPECTED, MAINTAINED AND ULTIMATELY REMOVED BY SERVICING CONTRACTOR.
- THIS IS A "LIVING DOCUMENT" AND MAY BE MODIFIED IN THE EVENT THE PROPOSED CONTROL MEASURES ARE INSUFFICIENT.

LEGEND:

- HEAVY DUTY SILT FENCE AS PER OPSD-219.130
- SNOW FENCE
- STRAW BALE CHECK DAM AS PER OPSD-219.180
- ROCK CHECK DAM AS PER OPSD-219.210
- FILTER CLOTH PLACED UNDER EXISTING CB COVER
- TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH



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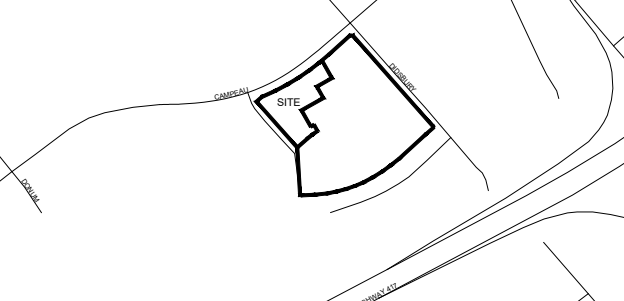
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formerly B Group Professional Services (Canada) Inc.

ISSUES

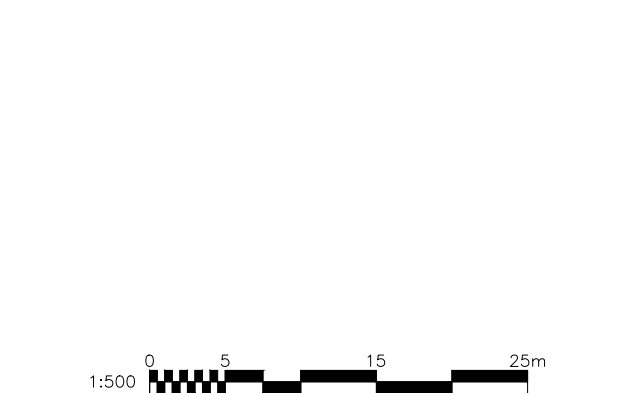
No.	DESCRIPTION	DATE
1	SUBMISSION 1 FOR CITY REVIEW	2025-07-18

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

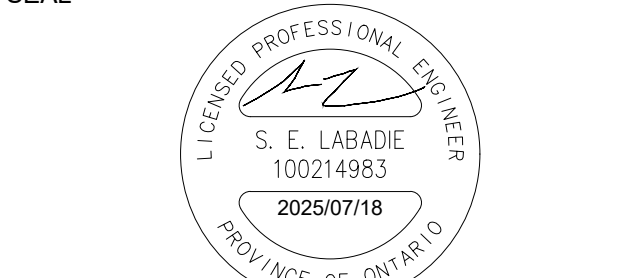
KEY PLAN



CONSULTANTS



SEAL



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tel 613 225 1311
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PROJECT
8201 CAMPEAU DRIVE

PROJECT NO:
30282806

DRAWN BY:
C.C.

CHECKED BY:
T.B.

PROJECT MGR:
S.L.

APPROVED BY:
S.L.

SHEET TITLE
SEDIMENT - EROSION PLAN

SHEET NUMBER

900

ISSUE

1

