

4816 BANK STREET



333 Preston Street - Suite 500
Ottawa ON K1S 5N4 Canada
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www.arcadis.com



Sheet List Table	
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PHOENIX HOMES
18A Bentley Ave Ottawa, ON K2E 6T8

CONTRACT NO. 147743



CLIENT



PHOENIX HOMES
18A Bentley Ave Ottawa, ON K2E 6T8

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Arcadis Professional Services (Canada) Inc.

formerly B Group Professional Services (Canada) Inc.

ISSUES		
No.	DESCRIPTION	DATE
1	SUBMISSION 1 ISSUED FOR SPA	2025-05-14
2	SUBMISSION No. 1 TO CITY	2025-09-18

SEE 010 FOR NOTES, LEGEND, CB TABLE AND DETAILS



CONSULTANTS

1:500



SEAL



PRIME CONSULTANT



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PROJECT

4816 BANK STREET

PROJECT NO:
147743

DRAWN BY:
D.D.

CHECKED BY:
M.P.

PROJECT MGR:
S.E.L.

APPROVED BY:
S.E.L.

SHEET TITLE

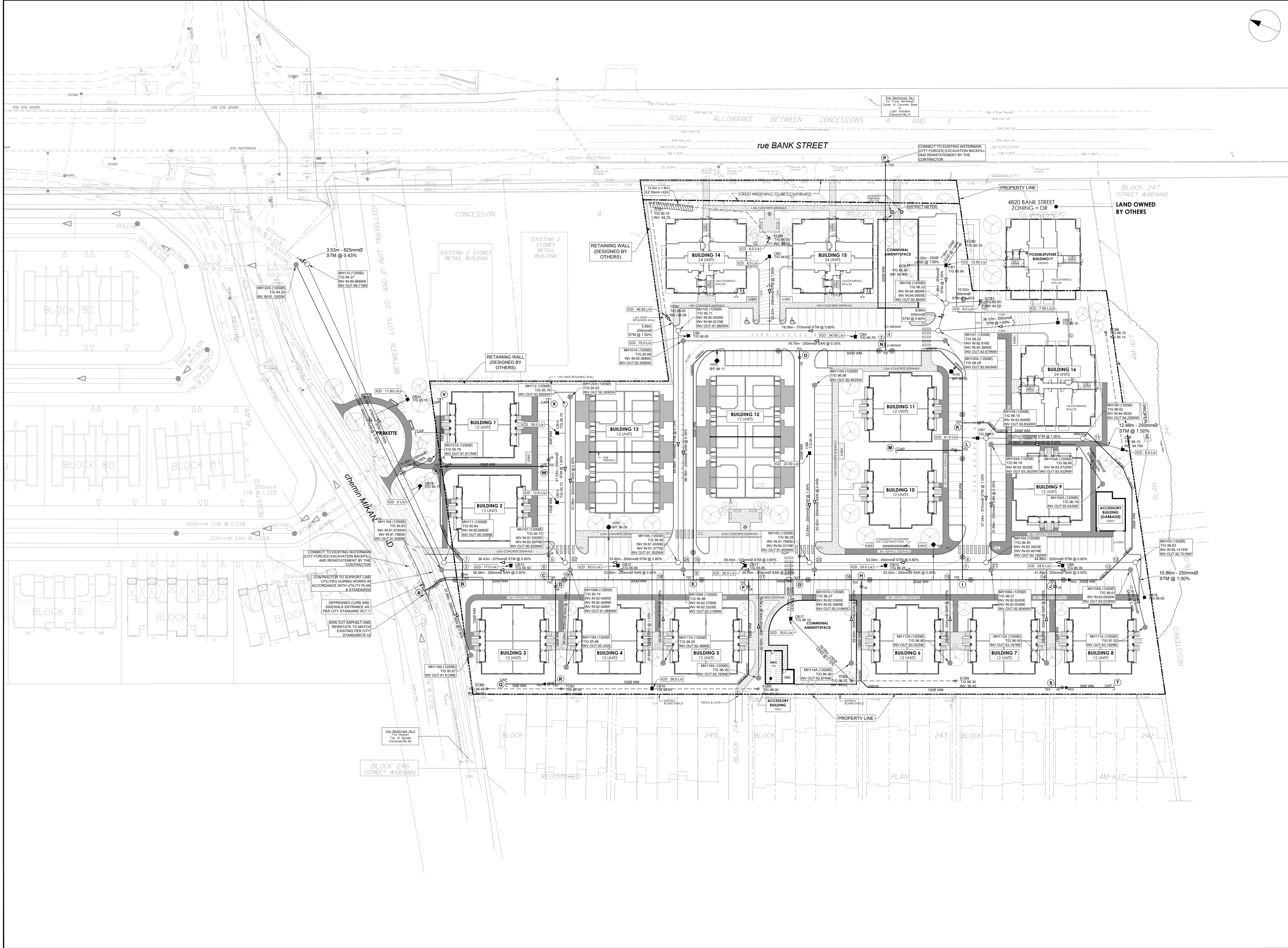
EXISTING CONDITIONS

SHEET NUMBER

C-000

ISSUE

2





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S. E. LABADIE
100214983
2025-09-18
PROVINCE OF ONTARIO

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SITE PLAN SERVICING

SHEET NUMBER	ISSUE
C-001	2

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SITE PLAN SERVICING

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Diagram illustrating various curb and sidewalk configurations:

- LIMIT OF CONSTRUCTION
- PHASING LINE
- BARRIER CURB
- MOUNTABLE CURB
- DEPRESSED BARRIER CURB
- CONCRETE SIDEWALK
- ASPHALT SIDEWALK / PATHWAY
- BUS STOP CONCRETE / ASPHALT
- TREES
- COMMUNITY MAILBOXES ON CONCRETE PADS

	200mm Ø SAN	MANHOLE	SANITARY SEWER
	825mm Ø STM	MANHOLE	STORM MANHOLE
	900mm Ø STM	MANHOLE	STORM SEWER - LESS THAN 9000
	2000 WATERMAIN	WATERMAIN	STORM SEWER - 9000 & GREATER
	CB100 T/G 104.10	CATCHBASIN	WATERMAIN
	DCB101 T/G 104.25	CATCHBASIN	STREET CATCHBASIN C/W TOP OF GRADE
	DCB100 T/G 104.10	CATCHBASIN	CURB INLET CATCHBASIN C/W GUTTER GRADE
	DCB101 T/G 104.25	CATCHBASIN	DOUBLE CATCHBASIN C/W TOP OF GRADE
	DB101 T/G 103.59	CATCHBASIN	DOUBLE CURB INLET CATCHBASIN C/W GUTTER GRADE
	CBM101 T/G 103.59	CATCHBASIN	DITCH INLET MANHOLE C/W TOP OF GRADE
	RYCB T/G 104.35	CATCHBASIN	CATCHBASIN MANHOLE C/W TOP OF GRADE
	T/G 104.35 BIV 103.35	CATCHBASIN	REAR YARD CATCHBASIN IN ROAD CONNECTION STRUCTURE C/W SOLID GRADE
	T/G 104.50 BIV 103.35	CATCHBASIN	REAR YARD "TEE" CATCHBASIN (3000) C/W TOP OF GRADE AND INVERT OUT
	T/G 104.35 BIV 103.35	CATCHBASIN	REAR YARD "END" CATCHBASIN (3000) C/W TOP OF GRADE AND INVERT OUT
	T/G 104.35 BIV 103.35	CATCHBASIN	REAR YARD "CUSTOM ANGLED " CATCHBASIN (4500) C/W TOP OF GRADE AND INVERT OUT
	T/G 104.35 BIV 103.35	CATCHBASIN	REAR YARD "THREE WAY" CATCHBASIN (4500) C/W TOP OF GRADE AND INVERT OUT
	300mm Ø CSP	SUBDRAIN	PERFORATED REAR YARD SUBDRAIN
	VB	VALVE	CSP CULVERT C/W DIAMETER
	VC	VALVE	VALVE AND VALVE BOX
	HYD	VALVE	VALVE AND VALVE CHAMBER
	RF 104.35	VALVE	PARK VALVE CHAMBER C/W SERVICE POST
	RED	VALVE	FIRE HYDRANT C/W BOTTOM OF FLANGE ELEVATION
	2000 WM	WATERMAIN	WATERMAIN REDUCER
	1500 WM	WATERMAIN	VERTICAL BEND LOCATION
	VB	WATERMAIN	SIAMSESE CONNECTION (IF REQUIRED)
	RM	WATERMAIN	METER (IF REQUIRED)
	A	WATERMAIN	REMOTE METER (IF REQUIRED)
	1	WATERMAIN	WATERMAIN IDENTIFICATION (IF REQUIRED)
	1	WATERMAIN	PIPE CROSSING IDENTIFICATION (IF REQUIRED)
	1	WATERMAIN	FOUNDATION STORM CONNECTION LOCATION
	BH 12 102.00	WATERMAIN	WATER/SANITARY CONNECTION LOCATION
	HGL 101.79	WATERMAIN	INFERRED REFUSAL (SEE GEOTECHNICAL REPORT)
	USE 101.79	WATERMAIN	100 YEAR STORM HYDRAULIC GRADE LINE AT MANHOLE
	USE 101.79	WATERMAIN	UNDERSIDE OF FOOTING ELEVATION
	USE 101.79	WATERMAIN	CLAY SEAL IN SEWER / WATERMAIN TRENCH

	Station	Description	Finished Grade	Top of Waterain	As Built Watermain
A	+0+00.00	TEE	95.530	93.130	
	+0+01.50	11 25 BEND	95.766	93.365	
	+0+07.05	22 5 BEND	95.765	93.365	
	+0+10.01	V&VC	95.818	93.418	
B	+0+12.24	TEE	95.837	93.437	
C	+0+38.09	TEE	95.694	93.294	
D	+0+40.00	TEE	95.717	93.317	
E	+0+50.94	V&VC	95.739	93.339	
	+0+55.16	HYDRANT TEE	95.693	93.293	
	+0+81.54	TEE	96.033	93.633	
	+0+84.04	V&VC	96.084	93.684	
F	+0+98.19	TEE	95.950	93.550	
G	+0+113.49	TEE	96.119	93.719	
H	+0+120.99	V&VC	96.176	93.776	
	+0+132.04	TEE	96.304	93.994	
	+0+134.54	V&VC	96.360	93.960	
	+0+153.73	HYDRANT TEE	96.380	93.980	
I	+0+162.41	TEE	96.438	94.038	
	+0+164.91	TEE	96.458	94.058	
J	+0+180.30	TEE	96.401	94.001	
	+0+192.85	V&VC	96.409	94.009	
	+0+195.15	REDUCER	96.422	94.022	
	+0+203.97	45 BEND	96.475	94.075	
	+0+217.24	45 BEND	96.759	94.359	
	+0+234.92	22 5 BEND	96.498	94.098	
	+0+241.76	22 5 BEND	96.411	94.011	
	+0+257.14	45 BEND	96.650	94.260	
	+0+284.21	45 BEND	96.227	93.827	
	+0+288.30	45 BEND	96.197	93.797	
	+0+290.80	VB	96.157	93.757	
K	+0+295.82	TEE	96.205	93.805	
E	+0+00.00	TEE	96.033	93.633	
	+0+08.22	V&VC	96.048	93.648	
	+0+64.76	45 BEND	95.881	93.481	
	+0+70.45	45 BEND	95.833	93.433	
	+0+73.57	HYDRANT TEE	95.977	93.577	
	+0+92.00	V&VC	95.943	93.543	
O	+0+98.37	TEE	95.920	93.520	
	+0+122.17	V&VC	95.946	93.546	
N	+0+124.17	TEE	95.963	93.563	
	+0+126.17	V&VC	95.994	93.594	
	+0+140.64	45 BEND	96.395	93.995	
	+0+147.37	HYDRANT TEE	96.516	94.116	
	+0+149.99	45 BEND	96.470	94.070	
	+0+162.51	V&VC	96.219	93.819	
K	+0+165.01	TEE	96.205	93.805	
L	+0+173.28	TEE	96.193	93.793	
	+0+175.78	V&VC	96.213	93.813	
	+0+205.38	V&VC	96.456	94.056	
I	+0+212.16	TEE	96.438	94.038	
B	+0+00.00	TEE	95.837	93.437	
	+0+01.62	VB	95.793	93.393	
	+0+06.13	45 BEND	95.668	93.268	
	+0+11.88	22 5 BEND	95.885	93.485	
U	+0+131.68	22 5 BEND	95.833	93.433	
	+0+036.29	TEE	95.806	93.406	
	+0+038.29	VB	95.803	93.403	
	+0+46.42	TEE	95.790	93.390	
V	+0+56.65	CAP	95.775	93.375	
D	+0+00.00	TEE	95.703	93.303	
	+0+02.00	VB	95.725	93.325	
R	+0+31.27	TEE	95.717	93.317	
Q	+0+00.00	CAP	95.722	93.322	
	+0+10.97	REDUCER	95.751	93.351	
	+0+12.91	VB	95.727	93.327	
R	+0+14.91	TEE	95.702	93.302	
	+0+69.98	45 BEND	96.115	93.715	
	+0+74.12	45 BEND	96.278	93.878	
	+0+100.46	VB	95.996	93.596	
F	+0+102.46	TEE	95.950	93.550	
H	+0+00.00	TEE	96.394	93.994	
	+0+02.00	VB	96.415	94.015	
	+0+30.39	45 BEND	96.324	93.924	
	+0+33.16	45 BEND	96.762	94.362	
S	+0+80.51	TEE	97.604	95.204	
	+0+87.50	VB			

1. ALL MATERIALS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS & SPECIFICATIONS OR OPSD/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, 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. THESE DRAWINGS ARE NOT TO BE SCALED OR USED FOR LAYOUT PURPOSES.
6. THE COMPOSITE UTILITY PLAN HAS BEEN REVIEWED BY ARCADIS FOR CONFORMITY TO THE DESIGN CONCEPT FOR THE DEVELOPMENT AND FOR GENERAL ARRANGEMENT ONLY AND AS SUCH SHALL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR OMISSIONS IN EITHER LAYOUT OR WORKMANSHIP.
7. THIS DRAWING IS A COMPILATION OF OTHER UTILITY DESIGNS AND DOES NOT INDICATE IN ANY WAY THAT THE PARTY SIGNING THIS DRAWING HAS DESIGNED OR APPROVED THE RESPECTIVE UTILITY PLANS INDICATED ON THIS DRAWING. THE DRAWING WAS PREPARED TO BE USED AS REFERENCE ONLY AS PER REQUIREMENTS OF THE CITY OF OTTAWA. IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE IT HAS REVIEWED THE CURRENT AND EXISTING DESIGNS BY HYDRO, STREET LIGHTING, BELL, CANADA POST, O.C. TRANSP. CABLE TV AND ANY OTHER PARTIES INCLUDED BUT NOT MENTIONED AND COMPLETE THE INSTALLATION IN ACCORDANCE WITH THE REQUIREMENTS OF THE STAKEHOLDER UTILITY DESIGNS.
8. CONTRACTOR TO ADVISE ENGINEER IN WRITING OF ANY DISCREPANCIES IN THE HYDRO, BELL, ROGERS, ENBRIDGE, AND STREETLIGHT DRAWINGS, AND THE CUP AHEAD OF INSTALLATION.
9. HYDRO INSPECTOR IS TO BE NOTIFIED AND PRESENT AHEAD OF HYDRO INSTALLATION
10. BELL AND ROGERS VAULT EASEMENT SIZE AND LOCATION ARE AS SHOWN ON THE CUP. ANY LOCATION DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IN WRITING AHEAD OF INSTALLATION.
11. BELL AND ROGERS VAULTS ARE TO BE PLACED TO THE EXTENT POSSIBLE IN THE RIGHT OF WAY RESPECTING THE REQUIRED CLEARANCES FROM DUCTS IN THE JOINT UTILITY TRENCH. IF VAULTS ARE ON PRIVATE PROPERTY THEY MUST BE PLACED WITHIN THE EASEMENT. VERIFY VAULT CORNERS PRIOR TO PERMANENT PLACEMENT. ANY PLACED VAULTS INSTALLED IN THE WRONG LOCATION OR OUTSIDE THE EASEMENTS WILL BE RELOCATED AT THE COST OF BELL AND ROGERS.
12. UTILITY EASEMENTS ARE TO BE STAKED - ALL 4 CORNERS WITH PROPOSED FINAL GRADES MARKED ON THE STAKES.
13. STREETLIGHTS ARE TO BE INSTALLED AT THE OFFSETS FROM FACE OF CURB SHOWN ON THE APPROVED ROAD SECTION FOR THE PROJECT.
14. CAD FILES OF THE CUP PROVIDED BY THE ENGINEER ARE AS A COURTESY ONLY TO ASSIST THE CONTRACTOR. LAYOUT OF THE UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR AND LEGAL SURVEYOR.

Pipe Interference Table			
Crossing No	PIPE 1	PIPE 2	Clearance
1	WTR Bottom 93.124	STM Top 91.511	1.612
2	WTR Bottom 93.184	SAN Top 92.033	1.151
3	WTR Bottom 93.235	SAN Top 92.985	0.250
4	WTR Bottom 93.254	STM Top 93.004	0.250
5	WTR Bottom 93.105	STM Top 91.679	1.425
6	WTR Bottom 93.113	SAN Top 92.163	0.950
7	WTR Bottom 93.708	SAN Top 92.967	0.741
8	WTR Bottom 93.714	STM Top 92.668	1.046
9	WTR Bottom 93.300	SAN Top 92.543	0.757
10	WTR Bottom 93.304	STM Top 92.027	1.277
11	STM Bottom 94.622	WTR Top 94.192	0.430
12	WTR Bottom 93.828	SAN Top 93.210	0.618
13	WTR Bottom 93.896	STM Top 92.967	0.929
14	WTR Bottom 93.653	SAN Top 93.144	0.509
15	WTR Bottom 93.626	SAN Top 92.979	0.648
16	WTR Bottom 93.438	SAN Top 92.830	0.608
17	WTR Bottom 93.645	SAN Top 92.671	2.974
18	WTR Bottom 93.205	SAN Top 92.425	0.780
19	WTR Bottom 92.996	SAN Top 92.285	0.711
20	SAN Bottom 91.515	STM Top 91.093	0.421
21	SAN Bottom 93.058	STM Top 92.661	0.397
22	SAN Bottom 92.054	STM Top 91.737	0.317
23	SAN Bottom 92.600	STM Top 92.313	0.287
24	SAN Bottom 92.280	STM Top 92.003	0.277

1. ALL MATERIALS AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH THE CURRENT CITY OF OTTAWA STANDARD DRAWINGS & SPECIFICATIONS OR OPSD/OPSS 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 POSITIONS, DEPTHS, TYPES, MATERIALS, 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 OWNER, 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 OWNER TO CONTACT THE HERITAGE OPERATIONS UNIT OF THE OTTAWA 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 **P07469** PREPARED BY **PATERSON GROUP** DATED JULY 02, 2024.

Thickness (mm)	Material Description
40	Wear Course – Superpave 12.5 Asphaltic Concrete
50	Binder Course – Superpave 19.0 Asphaltic Concrete
150	BASE – OPSS Granular A Crushed Stone
450	SUBBASE – OPSS Granular B Type II
SUBGRADE – Either fill, in situ soils or OPSS Granular B Type I or II material placed over in situ soil or bedrock.	

Thickness (mm)	Material Description
50	Wear Course – Suporpave 12.5 Asphaltic Concrete
150	BASE – OPSS Granular A Crushed Stone
300	SUBBASE – OPSS Granular B Type II
SUBGRADE – Either fill, in situ kila or OPSS Granular B Type I or II material placed over in situ soil or bedrock.	

- SEE 010 FOR NOTES, LEGEND, CB TABLE AND DETAILS
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- LOT 10
- LOT 9
- LOT 11
- LOT 12
- LOT 13
- LOT 14
- LOT 15
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PROJECT NO:
147743

DRAWN BY:

PROJECT N

SHEET TITLE

CHECKED BY:

APPROVED BY _____

NOTES & LEGEND

SHEET NUMBER

ISSUE



- REMOVAL

●

ADJUST MANHOLE, VALVES

■

ADJUST CATCH BASIN

⬢

ADJUSTMENT BY BELL OR HYDRO APPROVED CONTRACTOR REMOVE OR ABANDON SEWER, WATERMAIN, UTILITY, CURB, CURBS RETURNS, FENCE

x

PLUG
- ▨

DRY GRIND EXISTING ASPHALT. AVERAGE DEPTH 50mm.

▩

FULL DEPTH ASPHALT REMOVAL

▧

AREA TO BE CLEARED AND GRUBBED

▦

REMOVAL OF BUILDINGS, FOUNDATIONS

▤

REMOVALS OF CONCRETE/ ASPHALT SIDEWALK AND INTERLOCK

CLIENT

PHOENIX HOMES
18A Bentley Ave Ottawa, ON K2E 6T8

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formerly B Group Professional Services (Canada) Inc.

ISSUES

No.	DESCRIPTION	DATE
1	SUBMISSION 1 ISSUED FOR SPA	2025-05-14
2	SUBMISSION No. 1 TO CITY	2025-05-18

SEE 010 FOR NOTES, LEGEND, CB TABLE AND DETAILS

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PROJECT

4816 BANK STREET

PROJECT NO:
147743

DRAWN BY:
D.D.

PROJECT MGR:
S.E.L.

CHECKED BY:
M.P.

APPROVED BY:
S.E.L.

SHEET TITLE

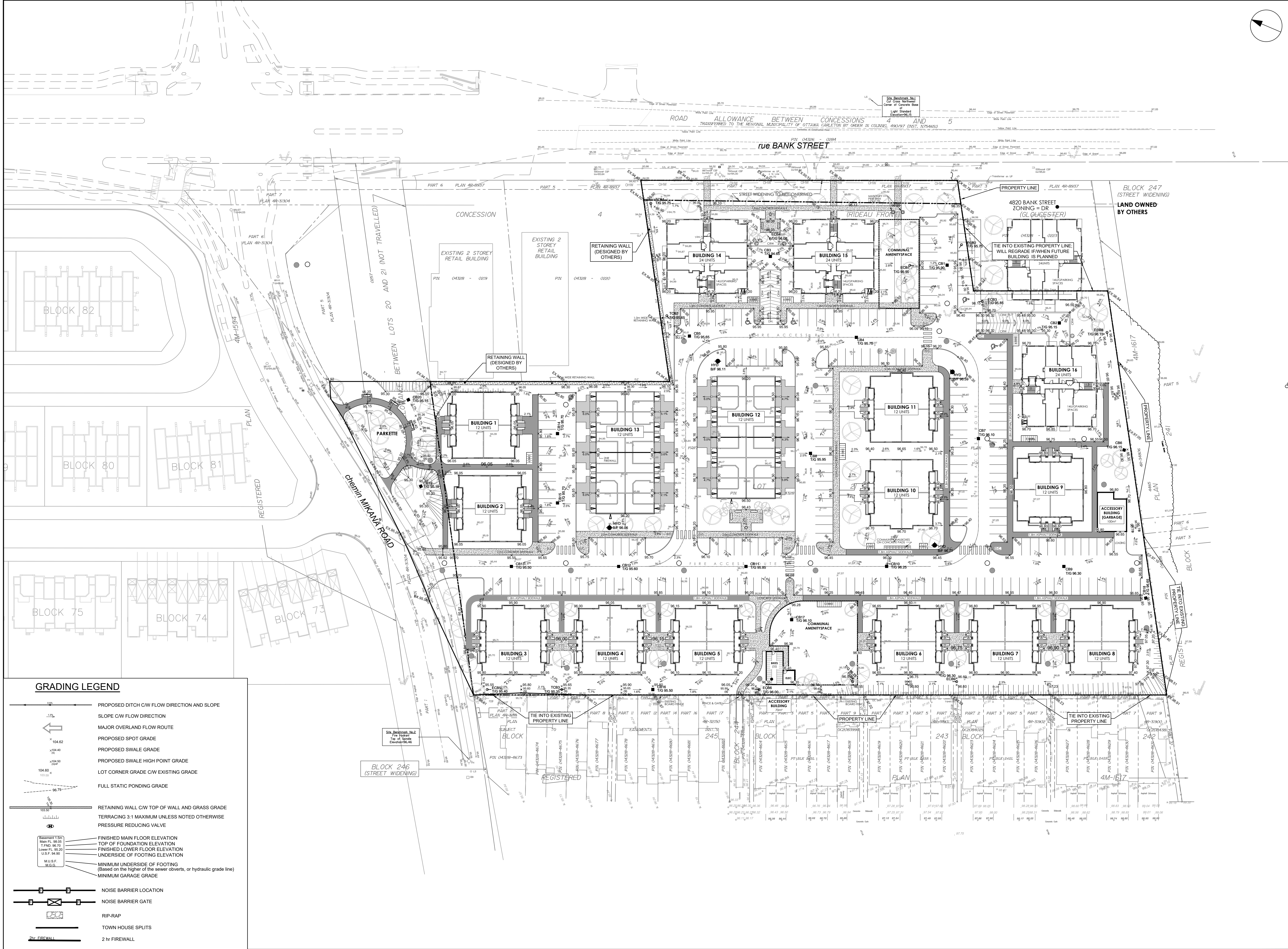
REMOVALS PLAN

SHEET NUMBER

C-020

ISSUE

2



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ISSUES		
No.	DESCRIPTION	DATE
1	SUBMISSION 1 ISSUED FOR SPA	2025-05-14
2	SUBMISSION No. 1 TO CITY	2025-05-18

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0 5 10 15 20m

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PROJECT

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PROJECT NO:
147743

DRAWN BY:
D.D.

PROJECT MGR:
S.E.L.

CHECKED BY:
M.P.

APPROVED BY:
S.E.L.

SHEET TITLE

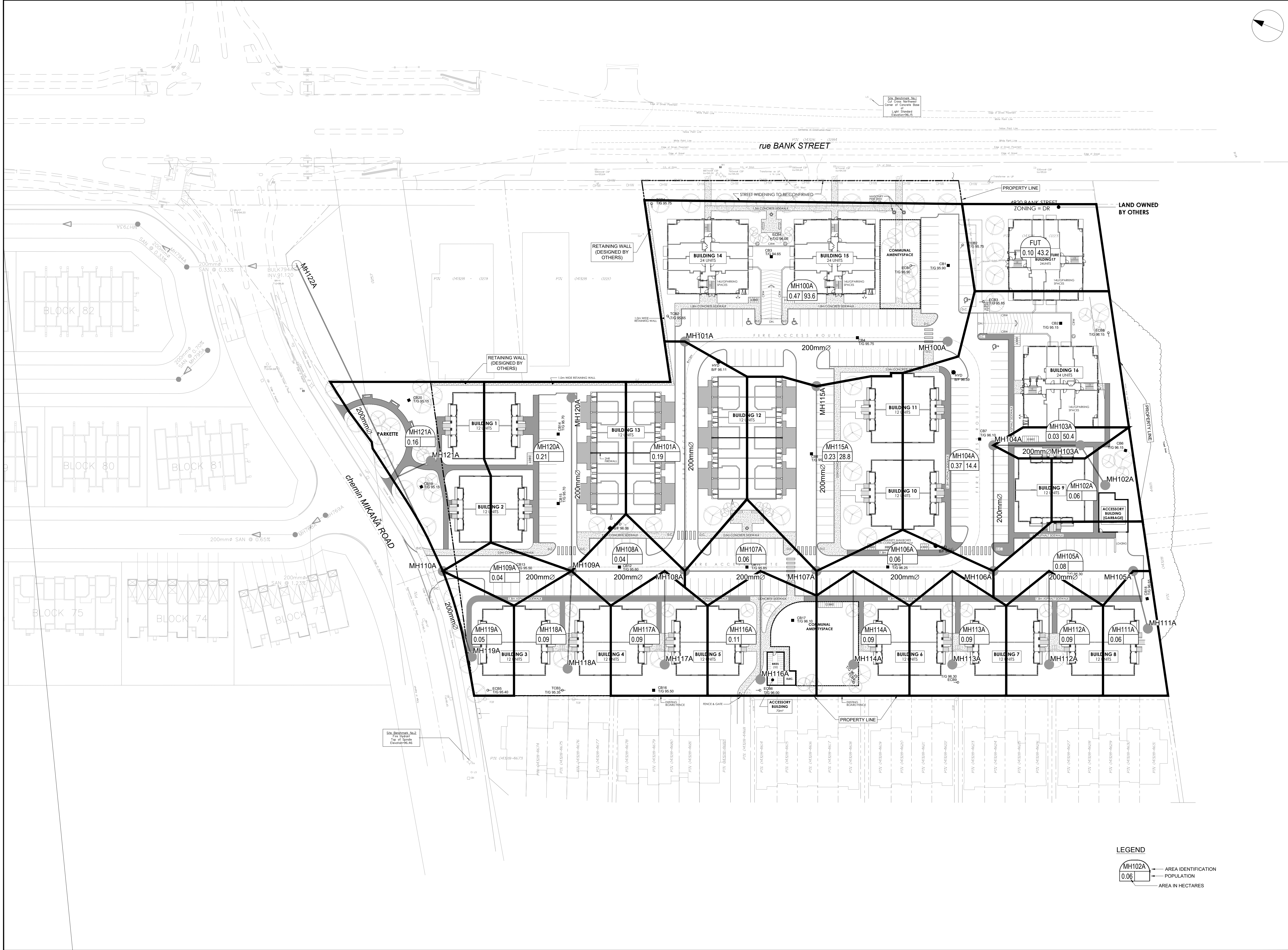
SITE PLAN GRADING

SHEET NUMBER

C-200

ISSUE

2



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ISSUES

No.	DESCRIPTION	DATE
1	SUBMISSION 1 ISSUED FOR SPA	2025-05-14
2	SUBMISSION No. 1 TO CITY	2025-05-18

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PROJECT

4816 BANK STREET

PROJECT NO:
147743

DRAWN BY:
D.D.

PROJECT MGR:
S.E.L.

CHECKED BY:
M.P.

APPROVED BY:
S.E.L.

SHEET TITLE

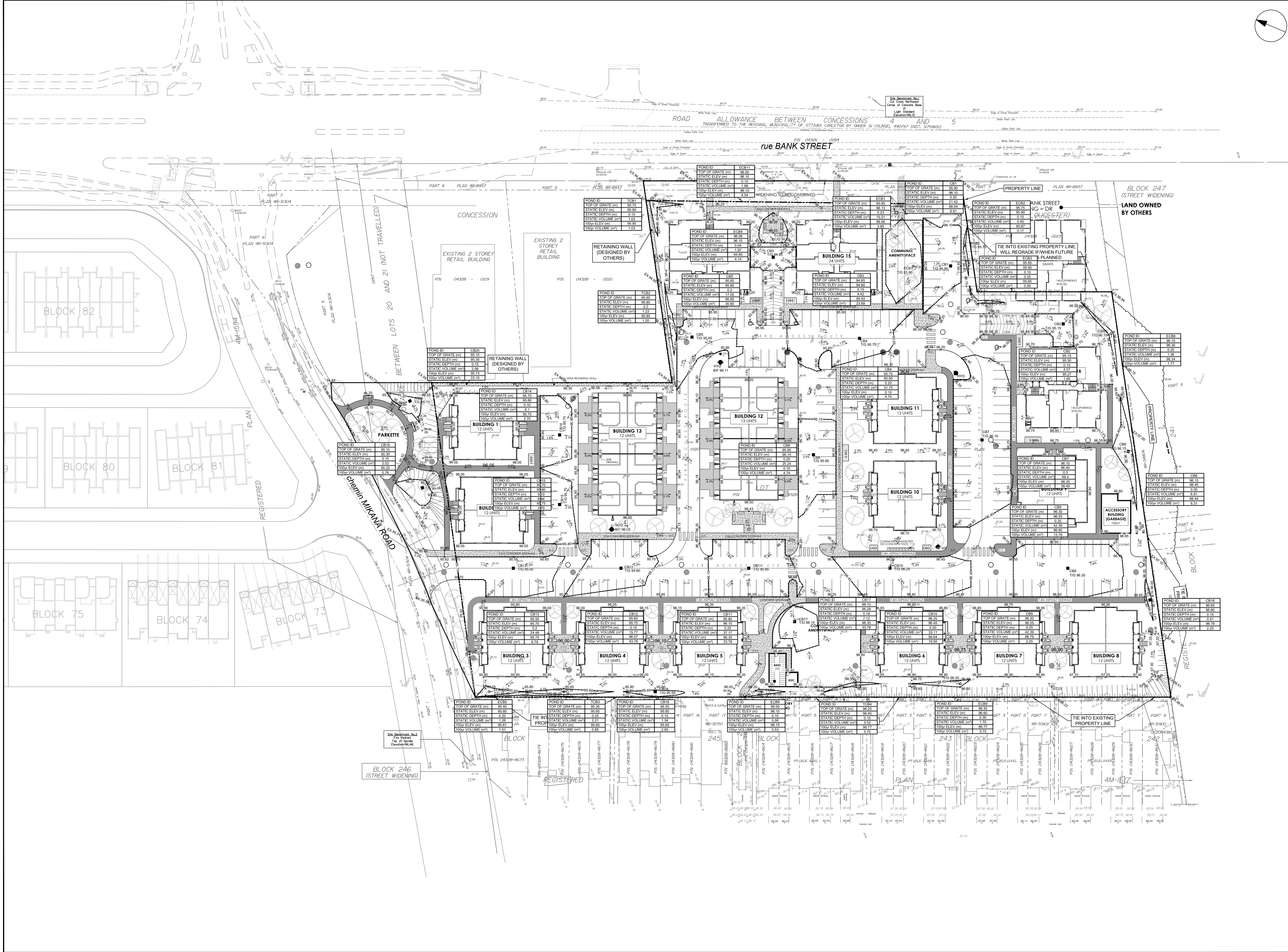
SANITARY DRAINAGE PLAN

SHEET NUMBER

C-400

ISSUE

2



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ISSUES

No.	DESCRIPTION	DATE
1	SUBMISSION 1 ISSUED FOR SPA	2025-05-14
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PROJECT

4816 BANK STREET

PROJECT NO:
147743

DRAWN BY:
D.D.

PROJECT MGR:
S.E.L.

SHEET TITLE
SITE PONDING PLAN

CHECKED BY:
M.P.

APPROVED BY:
S.E.L.

SHEET NUMBER
C-600

ISSUE
2

CLIENT

FILE LOCATION: C:\Users\doried754\Documents\754\4816Bank Street - Spatial\Project Files\10_WIP\04_Civil\Sheets\C-600 SITE PONDING PLAN.dwg

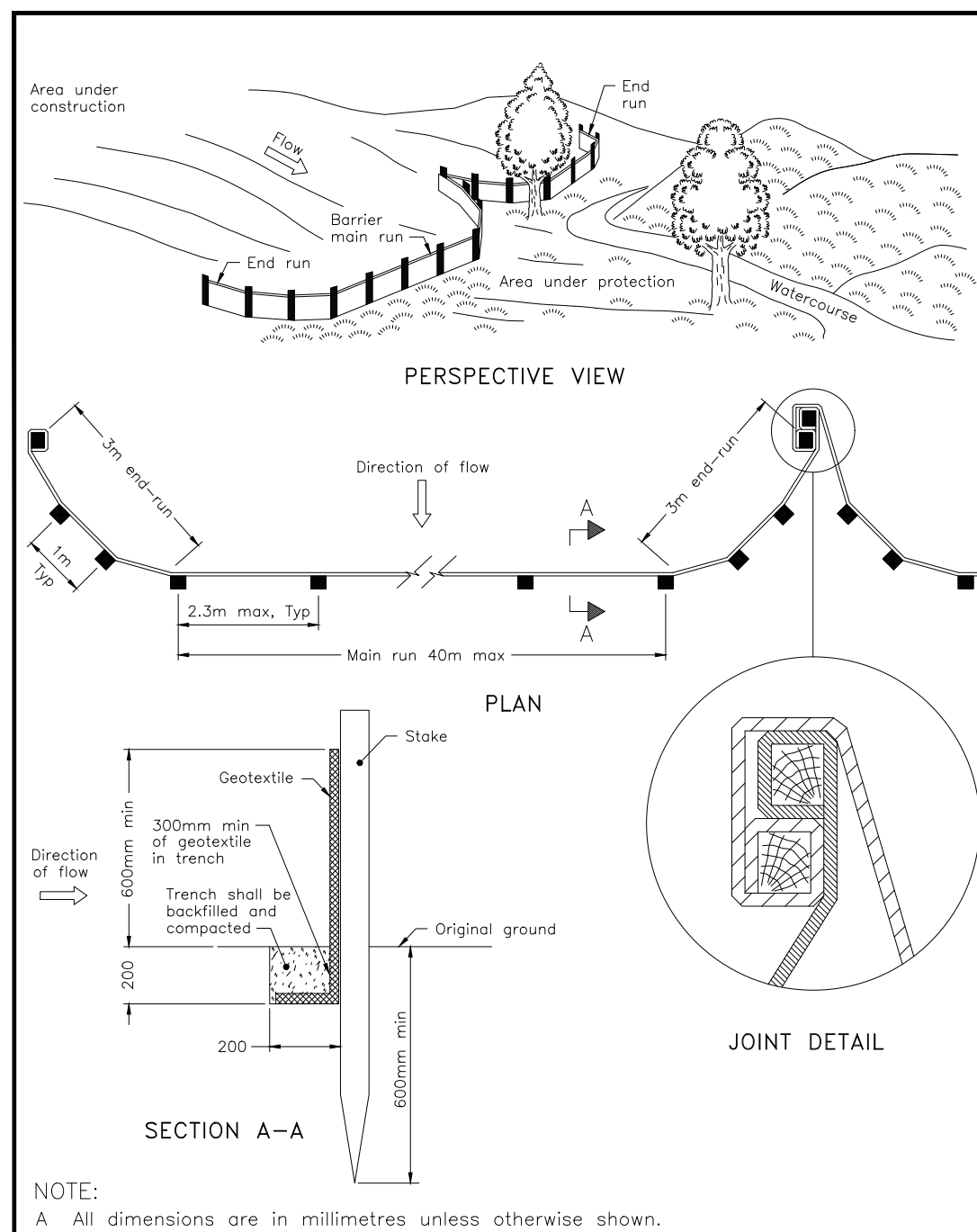
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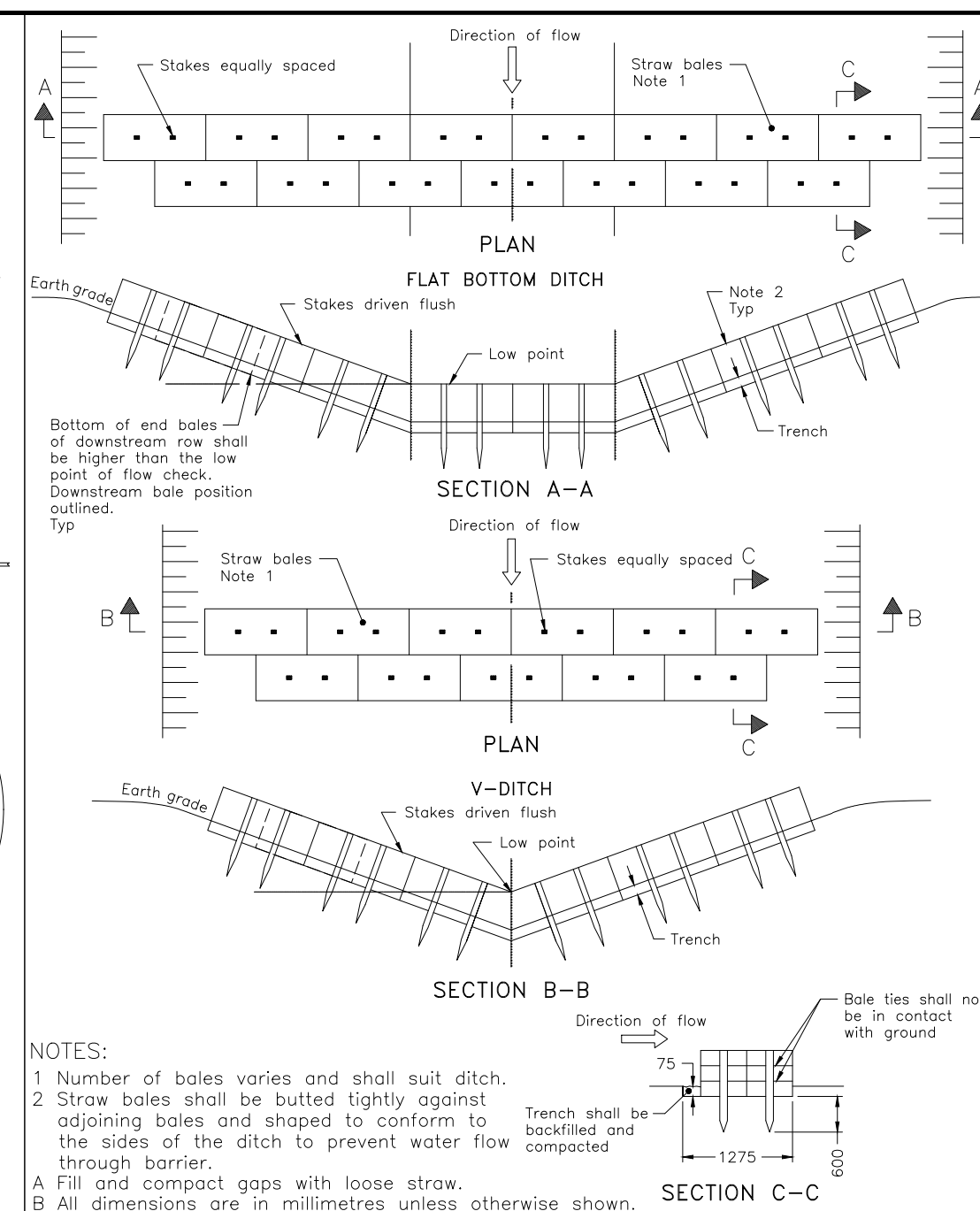
Printed: September 18, 2025, by doried754

Last Saved: September 18, 2025, by doried754



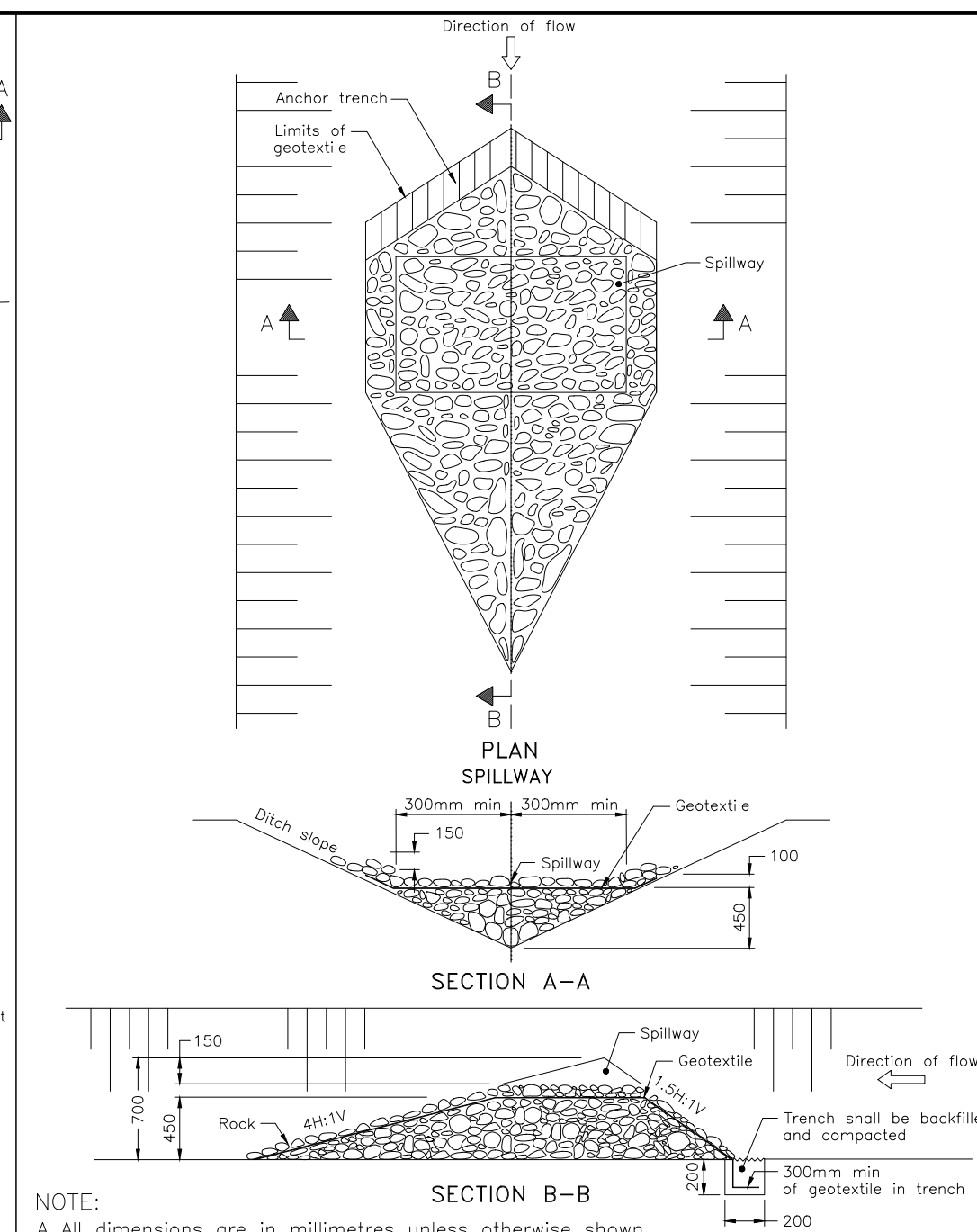
NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING
LIGHT-DUTY
SILT FENCE BARRIER
OPSD 219.110



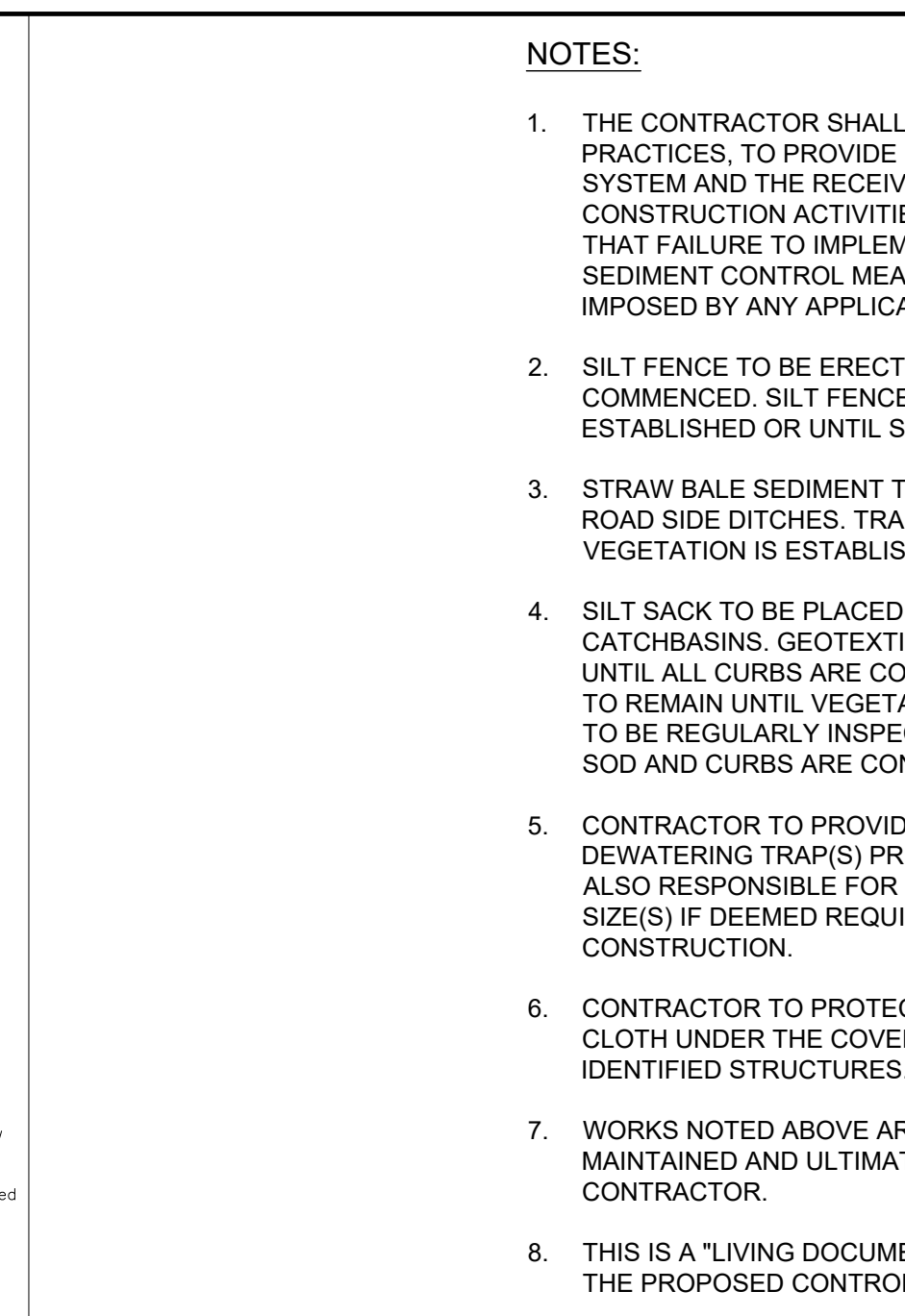
NOTES:
1 Number of bales varies and shall suit ditch.
2 Straw bales shall be butted tightly against adjoining bales and shaped to conform to the sides of the ditch to prevent water flow through barrier.
A Fill and compact gaps with loose straw.
B All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING
STRAW BALE FLOW CHECK DAM
OPSD 219.110



NOTE:
A All dimensions are in millimetres unless otherwise shown.

ONTARIO PROVINCIAL STANDARD DRAWING
TEMPORARY
ROCK FLOW CHECK DAM
V-DITCH
OPSD 219.180



NOTE:
A All dimensions are in millimetres unless otherwise shown.

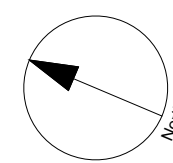
ONTARIO PROVINCIAL STANDARD DRAWING
TEMPORARY
ROCK FLOW CHECK DAM
V-DITCH
OPSD 219.210

NOTES:

1. 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.
2. 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.
3. STRAW BALE SEDIMENT TRAPS TO BE CONSTRUCTED IN EXISTING ROAD SIDE DITCHES. TRAPS TO REMAIN AND BE MAINTAINED UNTIL VEGETATION IS ESTABLISHED.
4. SILT SACK TO BE PLACED AND MAINTAINED UNDER COVER OF ALL CATCHBASINS. GEOTEXTILE SILT SACK IN STREET C&S 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.
5. 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.
6. CONTRACTOR TO PROTECT EXISTING CATCHBASINS WITH FILTER CLOTH UNDER THE COVERS TO TRAP SEDIMENTATION. REFER TO IDENTIFIED STRUCTURES.
7. WORKS NOTED ABOVE ARE TO BE INSTALLED, INSPECTED, MAINTAINED AND ULTIMATELY REMOVED BY SERVICING CONTRACTOR.
8. THIS IS A "LIVING DOCUMENT" AND MAY BE MODIFIED IN THE EVENT THE PROPOSED CONTROL MEASURES ARE INSUFFICIENT.

LEGEND:

- LIGHT DUTY SILT FENCE AS PER OPSD-219.110
- SNOW FENCE
- STRAW BALE CHECK DAM AS PER OPSD-219.180
- ROCK CHECK DAM AS PER OPSD-219.210
- SILT SACK PLACED UNDER EXISTING CB COVER
- TEMPORARY MUD MAT 0.15m THICK 50mm CLEAR STONE ON NON WOVEN FILTER CLOTH



CLIENT



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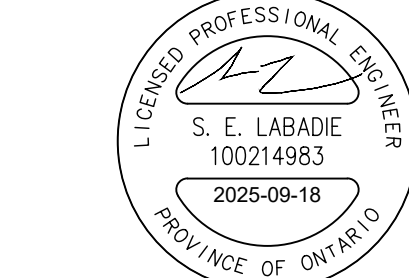
ISSUES		
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PROJECT
4816 BANK STREET

PROJECT NO:
147743

DRAWN BY:
D.D.

PROJECT MGR:
S.E.L.

SHEET TITLE
EROSION - SEDIMENT PLAN

SHEET NUMBER
C-900

ISSUE
2