2. THE POSITION OF EXISTING POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND ABOVEGROUND UTILITIES, STRUCTURES AND APPURTENANCES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING. AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL SATISFY HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM DURING THE COURSE OF CONSTRUCTION. ANY RELOCATION OF EXISTING UTILITIES REQUIRED BY THE DEVELOPMENT OF SUBJECT LANDS IS TO BE UNDERTAKEN AT CONTRACTOR'S EXPENSE.

3. THE CONTRACTOR MUST NOTIFY ALL EXISTING UTILITY COMPANY OFFICIALS FIVE (5) BUSINESS DAYS PRIOR TO START OF CONSTRUCTION AND HAVE ALL EXISTING UTILITIES AND SERVICES LOCATED IN THE FIELD OR EXPOSED PRIOR TO THE START OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO HYDRO, BELL, CABLE TV, AND

4. ALL TRENCHING AND EXCAVATIONS TO BE IN ACCORDANCE WITH THE LATEST REVISIONS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR

REFER TO ARCHITECTS PLANS FOR BUILDING DIMENSIONS. ELEVATIONS, LAYOUT AND DECK STRUCTURE, REFER TO LANDSCAPE PLAN FOR LANDSCAPED DETAILS AND OTHER RELEVANT INFORMATION. ALL INFORMATION SHALL BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.

6. TOPOGRAPHIC SURVEY COMPLETED AND PROVIDED BY ANNIS O'SULLIVAN VOLEBEKK LTD. DATED AUGUST 13, 2021. CONTRACTOR TO VERIFY IN THE FIELD PRIOR TO CONSTRUCTION OF ANY WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

7. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS UNLESS OTHERWISE NOTED.

8. ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED SWALE OR DRAIN OUTLETS ARE

9. ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAW CUT TO FORM A NEAT AND STRAIGHT LINE PRIOR TO PLACING NEW PAVEMENT. PAVEMENT REINSTATEMENT SHALL BE WITH STEP JOINTS OF 500mm WIDTH MINIMUM.

10. ALL DISTURBED AREAS OUTSIDE PROPOSED GRADING LIMITS TO BE RESTORED TO ORIGINAL ELEVATIONS AND CONDITIONS UNLESS OTHERWISE SPECIFIED. ALL RESTORATION SHALL BE COMPLETED WITH THE GEOTECHNICAL REQUIREMENTS FOR BACKFILL AND COMPACTION.

11. ABUTTING PROPERTY GRADES TO BE MATCHED.

12. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE MUNICIPAL AUTHORITIES PRIOR TO COMMENCING CONSTRUCTION.

13. MINIMIZE DISTURBANCE TO EXISTING VEGETATION DURING THE EXECUTION OF ALL WORKS.

14. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE DIRECTED FROM THE ENGINEER. EXCAVATE AND REMOVE ALL ORGANIC MATERIAL AND DEBRIS LOCATED WITHIN THE PROPOSED BUILDING, PARKING AND ROADWAY LOCATIONS.

15. AT PROPOSED UTILITY CONNECTION POINTS AND CROSSINGS (I.E. STORM SEWER, SANITARY SEWER, WATER, ETC.) THE CONTRACTOR SHALL DETERMINE THE PRECISE LOCATION AND DEPTH OF EXISTING UTILITIES AND REPORT ANY DISCREPANCIES OR CONFLICTS TO THE ENGINEER BEFORE COMMENCING WORK.

16. PRIOR TO CONSTRUCTION, A GEOTECHNICAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO IS TO INSPECT ALL SUB-SURFACES FOR FOOTINGS, SERVICES AND PAVEMENT STRUCTURES.

17. FOR ANY SOILS RELATED INFORMATION, REFER TO THE GEOTECHNICAL INVESTIGATION REPORT BY PATERSON GROUP. DATED APRIL 26 2023.

18. CONTRACTOR TO OBTAIN POST-CONSTRUCTION TOPOGRAPHIC SURVEY PERFORMED BY CERTIFIED OLS OR P.ENG. CONFIRMING COMPLIANCE WITH DESIGN GRADING AND SERVICING. SURVEY IS TO INCLUDE LOCATION AND INVERTS FOR BURIED UTILITIES.

NOTES: STORM SEWERS AND STRUCTURES

1. ALL STORM SEWER MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. PROVIDE CCTV INSPECTION REPORTS FOR ALL NEW STORM SEWERS. SERVICES AND CB LEADS.

2. STORM SEWERS 450mm DIAMETER AND SMALLER SHALL BE PVC SDR-35, WITH RUBBER GASKET PER CSA A-257.3.

3. STORM SEWER LARGER THAN 450mm SHALL BE REINFORCED CONCRETE CLASS 100.

4. SEWER BEDDING AS PER CITY OF OTTAWA DETAIL S6.

5. ALL STORM MANHOLES TO BE AS PER STORM STRUCTURE TABLE.

6. ANY NEW OR EXISTING STORM SEWER WITH LESS THAN 2.0m COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22, OR APPROVED BY THE

7. ALL CATCHBASIN LEADS TO BE MINIMUM 200mm DIAMETER AT MINIMUM 1.0% SLOPE UNLESS OTHERWISE SPECIFIED.

8. STORM CATCHBASINS AS PER OPSD 705.010 AND FRAME/COVER AS PER CITY STANDARD DRAWINGS S19. STORM CBMH'S AS INDICATED IN TABLE WITH SUMP, ADJUSTMENT SECTIONS SHALL BE AS PER OPSD 704.010.

9. INSTALLATION OF FLOW CONTROL ICD'S TO BE VERIFIED BY QUALITY VERIFICATION ENGINEER RETAINED BY CONTRACTOR.

10. PROVIDE BACKWATER VALVE ON FOUNDATION DRAIN, STORM DISCHARGE, AND OVERFLOW DISCHARGE PER S14

NOTES: SANITARY SEWER AND MANHOLES

1. ALL SANITARY SEWER, SANITARY SEWER APPURTENANCES AND CONSTRUCTION METHODS SHALL CONFORM TO THE CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS. PROVIDE CCTV INSPECTION REPORTS FOR ALL NEW SANITARY PIPING.

2. SANITARY SEWER PIPE SIZE 150mm DIAMETER AND GREATER TO BE PVC SDR-35 (UNLESS SPECIFIED OTHERWISE) WITH RUBBER GASKET TYPE JOINTS IN CONFORMANCE

3. SEWER BEDDING AS PER CITY OF OTTAWA DETAIL S6.

4. ALL SANITARY MANHOLES 1200mm IN DIAMETER TO BE AS PER OPSD 701.01. FRAME AND COVER TO BE AS PER CITY OF OTTAWA STANDARD S25 AND S24.

5. MAINTENANCE HOLE BENCHING AND PIPE OPENING ALTERNATIVES AS PER THE OPSD 701.021

6. ANY SANITARY SEWER WITH LESS THAN 2.0m COVER REQUIRES THERMAL INSULATION AS PER CITY OF OTTAWA STANDARD W22, OR APPROVED BY THE ENGINEER.

7. PROVIDE BACKWATER VALVE PER S14.1

WITH CSA B-182.2.3.4.

NOTES: WATERMAIN

1. ALL WATERMAIN AND WATERMAIN APPURTANANCES, MATERIALS, CONSTRUCTION AND TESTING METHODS SHALL CONFORM TO THE CURRENT CITY OF OTTAWA AND MINISTRY OF ENVIRONMENT STANDARDS AND SPECIFICATIONS.

2. ALL WATERMAIN 300mm DIAMETER AND SMALLER TO BE POLY VINYL CHLORIDE (PVC) CLASS 150 DR 18 MEETING AWWA SPECIFICATION C900.

3. ALL WATERMAIN TO BE INSTALLED AT MINIMUM COVER OF 2.4m BELOW FINISHED GRADE. WHERE WATERMAINS CROSS OVER OTHER UTILITIES, A MINIMUM 0.30m CLEARANCE SHALL BE MAINTAINED; WHERE WATERMAINS CROSS UNDER OTHER UTILITIES, A MINIMUM 0.50m CLEARANCE SHALL BE MAINTAINED. WHERE THE MINIMUM SEPARATION CANNOT BE ACHIEVED, THE WATERMAIN SHALL BE INSTALLED AS PER CITY OF OTTAWA STANDARDS W25 AND W25.2. WHERE 2.4m MINIMUM DEPTH CANNOT BE ACHIEVED, THERMAL INSULATION SHALL BE PROVIDED AS PER CITY OF OTTAWA STANDARD W22. WHERE A WATERMAIN IS IN CLOSE PROXIMITY TO AN OPEN STRUCTURE, THERMAL INSULATION SHALL BE PROVIDED AS PER CITY OF OTTAWA STANDARD W23.

4. CONCRETE THRUST BLOCKS AND MECHANICAL RESTRAINTS ARE TO BE INSTALLED AT ALL TEES, BENDS, HYDRANTS, REDUCERS, ENDS OF MAINS AND CONNECTIONS 100mm AND LARGER, IN ACCORDANCE WITH CITY OF OTTAWA STANDARDS W25.3 & W25.4.

5. CATHODIC PROTECTION REQUIRED FOR ALL IRON FITTINGS AS PER CITY OF OTTAWA STANDARD W40 & W42.

6. ALL VALVES AND VALVE BOXES AND CHAMBERS, HYDRANTS, AND HYDRANT VALVES AND ASSEMBLIES SHALL BE INSTALLED AS PER CITY OF OTTAWA STANDARD.

7. IF WATER MAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS LESS THAN HALF THAT RECOMMENDED BY THE

EROSION AND SEDIMENT CONTROL

** CONTRACTOR IS RESPONSIBLE FOR ALL INSTALLATION, MONITORING, REPAIR AND REMOVAL OF ALL EROSION AND SEDIMENT CONTROL FEATURES. ** 1. PRIOR TO START OF CONSTRUCTION:

1.1. INSTALL SILT FENCE IN LOCATION SHOWN PER OPSD 219.110.

1.2. INSTALL SILT SACK FILTERS IN ALL THE CATCHBASINS AND MANHOLES TO REMAIN DURING CONSTRUCTION WITHIN THE SITE.

1.3. INSPECT MEASURES IMMEDIATELY AFTER INSTALLATION.

1.4. INSTALL MUD MAT AT CONSTRUCTION ENTRANCES.

DURING CONSTRUCTION:

2.1. MINIMIZE THE EXTENT OF DISTURBED AREAS AND THE DURATION OF EXPOSURE AND IMPACTS TO EXISTING GRADING.

2.2. PERIMETER VEGETATION TO REMAIN IN PLACE UNTIL PERMANENT STORM WATER MANAGEMENT IS IN PLACE. OTHERWISE, IMMEDIATELY INSTALL SILT FENCE WHEN THE EXISTING SITE IS DISTURBED AT THE PERIMETER.

PROTECT DISTURBED AREAS FROM OVERLAND FLOW BY PROVIDING TEMPORARY SWALES TO THE SATISFACTION OF THE FIELD ENGINEER. TIE-IN TEMPORARY SWALE TO EXISTING CB'S AS REQUIRED.

2.4. PROVIDE TEMPORARY COVER SUCH AS SEEDING OR MULCHING IF DISTURBED AREA WILL NOT BE REHABILITATED WITHIN 30 DAYS.

2.5. INSPECT SILT FENCES, FILTER FABRIC FILTERS AND CATCH BASIN SUMPS WEEKLY AND WITHIN 24 HOURS AFTER A STORM EVENT. CLEAN AND REPAIR WHEN

2.6. DOWNSTREAM STORM INFRASTRUCTURE SHALL BE PROTECTED FROM UNFILTERED RUNOFF DURING ON-SITE STORM INFRASTRUCTURE DEMOLITION.

2.7. DRAWING TO BE REVIEWED AND REVISED AS REQUIRED DURING CONSTRUCTION.

2.8. EROSION CONTROL FENCING TO BE ALSO INSTALLED AROUND THE BASE OF ALL STOCKPILES.

2.9. DO NOT LOCATE TOPSOIL PILES AND EXCAVATION MATERIAL CLOSER THAN 2.5m FROM ANY PAVED SURFACE, OR ONE WHICH IS TO BE PAVED BEFORE THE PILE IS REMOVED. ALL TOPSOIL PILES ARE TO BE SEEDED IF THEY ARE TO REMAIN ON SITE LONG ENOUGH FOR SEEDS TO GROW (LONGER THAN 30 DAYS).

2.10. CONTROL WIND-BLOWN DUST OFF SITE BY SEEDING TOPSOIL PILES AND OTHER AREAS TEMPORARILY (PROVIDE WATERING AS REQUIRED AND TO THE SATISFACTION OF THE ENGINEER)

2.11. NO ALTERNATE METHODS OF EROSION PROTECTION SHALL BE PERMITTED UNLESS APPROVED BY THE FIELD ENGINEER.

2.12 CITY ROADWAY AND SIDEWALK TO BE CLEANED OF ALL SEDIMENT FROM VEHICULAR TRACKING AS REQUIRED

2.13. DURING WET CONDITIONS, TIRES OF ALL VEHICLES/EQUIPMENT LEAVING THE SITE ARE TO BE SCRAPED.

2.14. ANY MUD/MATERIAL TRACKED ONTO THE ROAD SHALL BE REMOVED IMMEDIATELY BY HAND OR RUBBER TIRE LOADER.

2.15. TAKE ALL NECESSARY STEPS TO PREVENT BUILDING MATERIAL, CONSTRUCTION DEBRIS OR WASTE BEING SPILLED OR TRACKED ONTO ABUTTING PROPERTIES OR

PUBLIC STREETS DURING CONSTRUCTION AND PROCEED IMMEDIATELY TO CLEAN UP ANY AREAS SO AFFECTED. 2.16. ALL EROSION CONTROL STRUCTURE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION

OF VEGETATIVE GROUND COVER.

2.17. 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.

PARKING LOT AND WORK IN PUBLIC RIGHTS OF WAY

1. CONTRACTOR TO REINSTATE ROAD CUTS AS PER CITY OF OTTAWA DETAIL R10.

2. REFER TO GEOTECHNICAL INVESTIGATION REPORT PREPARED BY PATERSON GROUP DATED APRIL 26 2023 FOR GEOTECHNICAL RECOMMENDATIONS.

3. CONTRACTOR TO PREPARE SUBGRADE, INCLUDING PROOFROLLING, TO THE SATISFACTION OF THE GEOTECHNICAL CONSULTANT PRIOR TO THE COMMENCEMENT OF PLACEMENT OF GRANULAR B MATERIAL.

4. FILL TO BE PLACED AND COMPACTED PER THE GEOTECHNICAL REPORT REQUIREMENTS.

5. CONTRACTOR TO SUPPLY, PLACE AND COMPACT GRANULAR B MATERIAL IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL CONSULTANT. CONTRACTOR TO PROVIDE CONSULTANT WITH SAMPLES OF GRANULAR B MATERIAL FOR TESTING AND CERTIFICATION FROM THE GEOTECHNICAL CONSULTANT THAT

6. GRANULAR A MATERIAL TO BE PLACED ONLY UPON APPROVAL BY THE GEOTECHNICAL CONSULTANT OF GRANULAR B PLACEMENT.

7. CONTRACTOR TO SUPPLY, PLACE AND COMPACT GRANULAR A MATERIAL IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL CONSULTANT. CONTRACTOR TO PROVIDE CONSULTANT WITH SAMPLES OF GRANULAR A MATERIAL FOR TESTING AND CERTIFICATION FROM THE GEOTECHNICAL CONSULTANT THAT THE MATERIAL MEETS THE GRADATION REQUIREMENTS SPECIFIED IN THE GEOTECHNICAL REPORT.

8. ASPHALT MATERIAL TO BE PLACED ONLY UPON APPROVAL BY THE GEOTECHNICAL CONSULTANT OF GRANULAR A PLACEMENT.

9. CONTRACTOR TO SUPPLY, PLACE AND COMPACT ASPHALT MATERIAL IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL CONSULTANT. CONTRACTOR TO PROVIDE CONSULTANT WITH SAMPLES OF ASPHALT MATERIAL FOR TESTING AND CERTIFICATION FROM THE GEOTECHNICAL CONSULTANT THAT THE MATERIAL MEETS THE REQUIREMENTS SPECIFIED IN THE GEOTECHNICAL REPORT.

10. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING LINE AND GRADE IN ACCORDANCE WITH THE PLANS, AND FOR PROVIDING THE CONSULTANT WITH VERIFICATION

11. ALL EXCESS MATERIAL TO BE HAULED OFFSITE AND DISPOSED OF AT AN APPROVED DUMP SITE. SHOULD THE CONTRACTOR DISCOVER ANY HAZARDOUS MATERIAL,

CONTRACTOR IS TO NOTIFY CONSULTANT. CONSULTANT TO DETERMINE APPROPRIATE DISPOSAL METHOD/LOCATION. 12. PAVEMENT STRUCTURE (MATERIAL TYPES AND THICKNESS) TO BE AS SPECIFIED IN THE GEOTECHNICAL REPORT.

LEGEND - AOV SURVEY

o SP

 \bigcirc MH-ST

 \bigcirc MH-T

Denotes

Survey Monument Planted Overhead Wires Survey Monument Found ___ CB Catch Basin SSIB Short Standard Iron Bar Catch Basin Inlet CBI Top of Grate Standard Iron Bar Gas Meter Iron Bar **Cut Cross** Handhole (WIT)Witness Traffic Signal Post Meas. Measured Bollard (AOG) Annis, O'Sullivan, Vollebekk Ltd. Sign (P1) Registered Plan 73 Chain Link Fence (P2) (AOG) Plan dated December 5, 2018 RWC Concrete Retaining Wall (P3) Ottawa-Carleton Standard Interlock Retaining Wall RWI Condominium Plan No. 475 Stone Retaining Wall RWS (P4) Plan 5R-11223 RWT Timber Retaining Wall (P5) Plan 4R-32148 O UP Utility Pole (P6) (1692) Plan dated June 1, 2020 HTB Hydro Transformer Bolt (P7) (1287) Plan dated May 4, 2004 Anchor o AN (P8) (AOG) Plan dated March 4, 2003 Light Standard O LS (P9) Plan 4R-6367 ₫ мв Mail Box O AC Air Conditioner Deciduous Tree Hydro Transformer pad Diameter Coniferous Tree Location of Elevations Top of Concrete Curb and Fire Hydrant Retaining Wall Elevation Water Valve (M) W∨ Centreline

Water Stand Post

Maintenance Hole (Storm Sewer)

Maintenance Hole (Traffic)

PROPOSED LEGEND REMOVAL LEGEND PROPOSED UNIT PAVERS PROPOSED CONCRETE SIDEWALK PROPOSED ASPHALT DRIVE PROPOSED SOFT LANDSCAPING PROPOSED BUILDING ENTRANCE PROPOSED BUILDING

——--- PROPERTY LINE — — PROPOSED LOW POINT — — PROPOSED HIGH POINT

---- PROPOSED BUILDING OVERHANG

PROPOSED SWALE PROPOSED ELEVATION

PROPOSED SWALE ELEVATION PROPOSED FINISHED FLOOR ELEVATION PROPOSED TOP OF CURB ELEVATION

PROPOSED TOP OF WALL ELEVATION PROPOSED BOTTOM OF WALL ELEVATION

TOP OF CURB/BOTTOM OF CURB

PROPOSED VALVE AND BOX

× 61.30EX EXISTING ELEVATION CITY OF OTTAWA AS-BUILT

PROPOSED SLOPE MAJOR OVERLAND FLOW — w — w — PROPOSED WATERMAIN

PROPOSED WATERMAIN TEE PROPOSED FIRE DEPARTMENT CONNECTION

— STM — STM — PROPOSED STORM SEWER

FDC

SANMH1

PROPOSED STORM MANHOLE STMH01 LCB01 O PROPOSED LANDSCAPE DRAIN PROPOSED SANITARY SEWER — SAN — SAN —

PROPOSED SERVICE CAP

PROPOSED SANITARY MANHOLE

UNIT PAVERS REMOVAL CONCRETE SIDEWALK REMOVAL ASPHALT REMOVAL

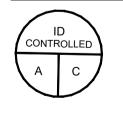
CATCHBASIN REMOVAL

BUILDING REMOVAL WALL REMOVAL

--- OHW --- OVERHEAD WIRE REMOVAL TREE REMOVAL

ESC LEGEND MUD MAT SILT FENCE ----- SF -----

STORM DRAINAGE LEGEND



ID DENOTES WATERSHED NAME A DENOTES AREA IN HECTARES C DENOTES RUNOFF COEFFICIENT

STORM DRAINAGE BOUNDARY

SILT SACK

RENFROE LAND MANAGEMENT

REVISION 2024-08-07 ISSUED FOR SITE PLAN APPLICATION DATE DESCRIPTION

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ORIGINAL SCALE 2024-08-07 VARIES DESIGNED BY IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE APPROVED BY: 25mm

DISCIPLINE: CIVIL



PROJECT NUMBER: CA0003875.9802

RENFROE LAND MANAGEMENT

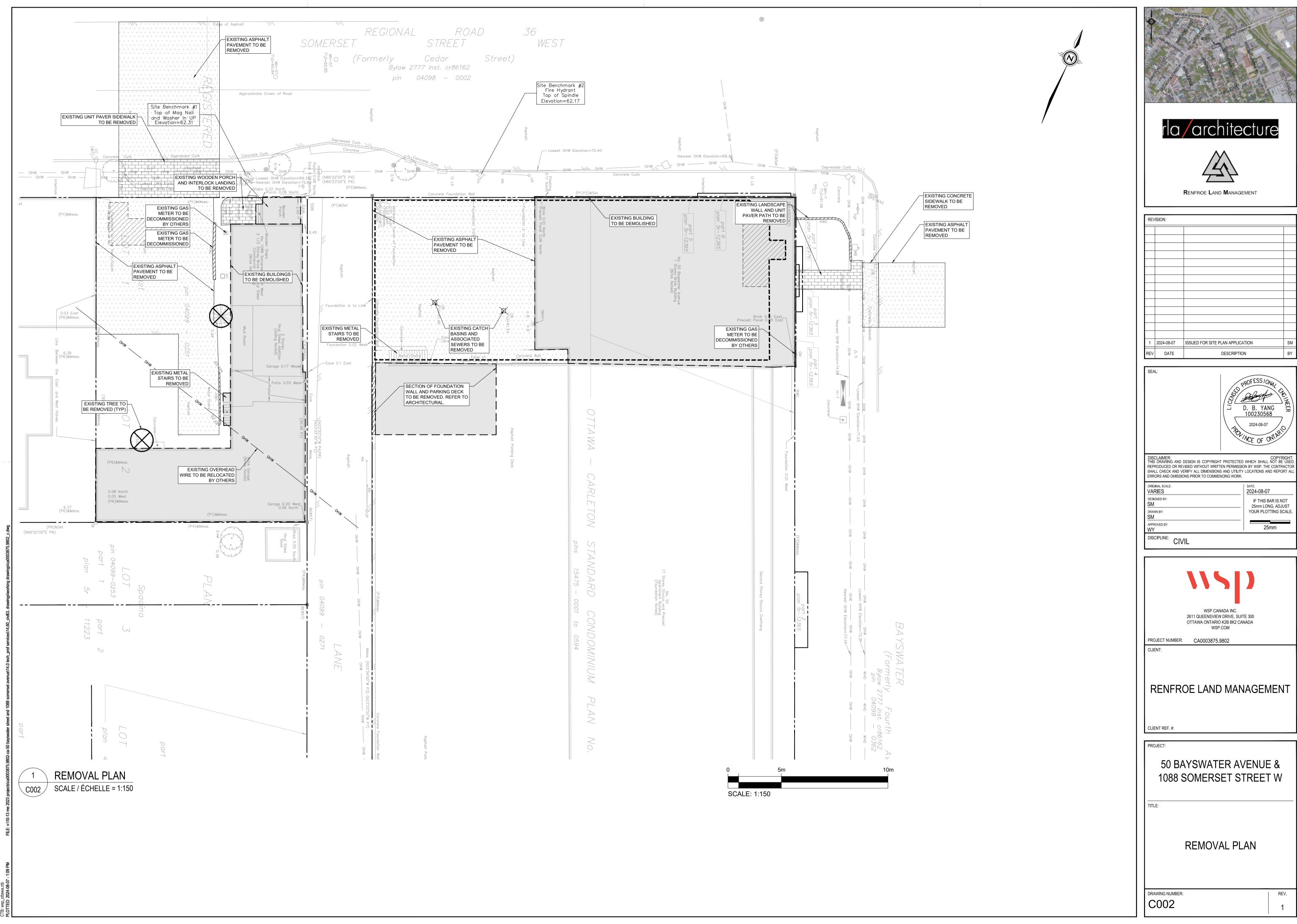
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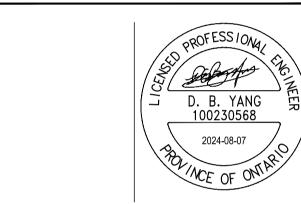
50 BAYSWATER AVENUE & 1088 SOMERSET STREET W

NOTES AND DETAILS

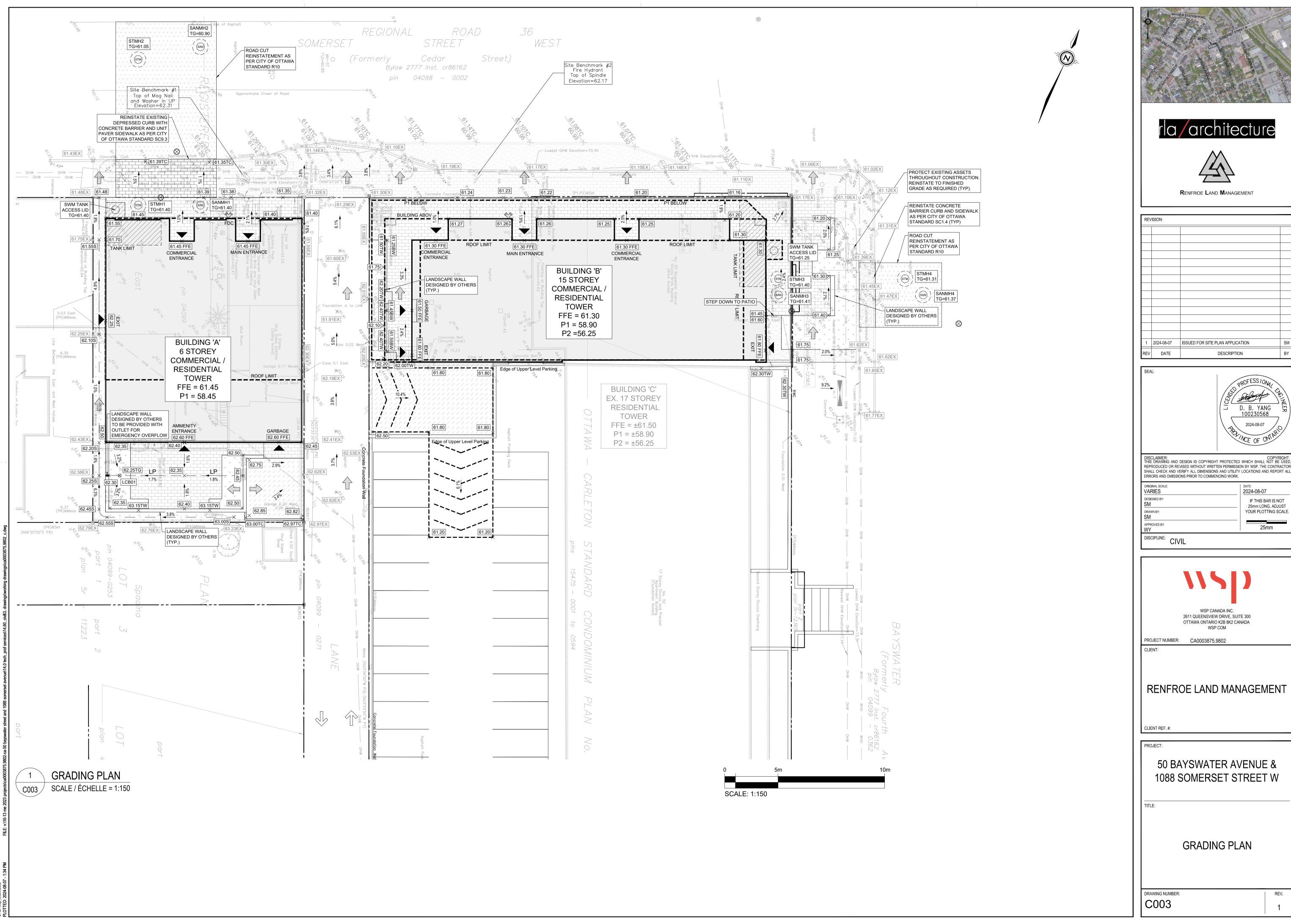
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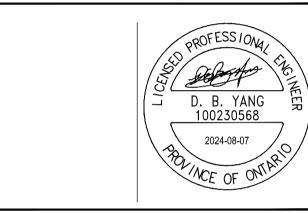
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SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.

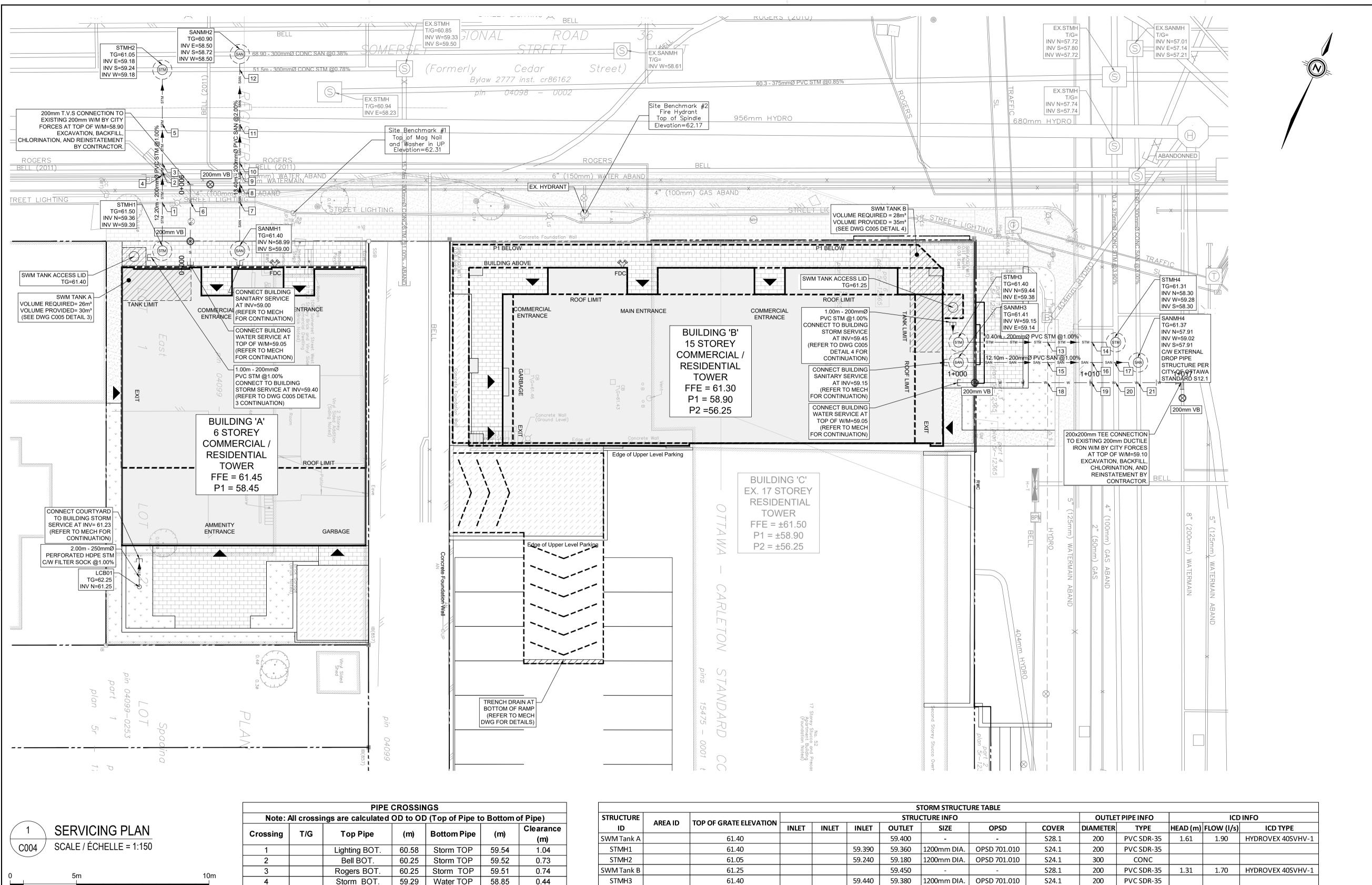


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61.40 PVC SDR-35 59.440 59.380 | 1200mm DIA. | OPSD 701.010 S24.1 200 STMH4 61.31 59.040 58.300 | 1200mm DIA. | OPSD 701.010 S24.1 CONC 375 LCB01 62.25 61.250 375mm DIA. S31 S31 250 HDPE

| WATERMAIN SCHEDULE | | | | | | | |
|--|------------------------------------|----------|-----------|-------|--|--|--|
| STATION | DESCRIPTION | FINISHED | TOP OF | COVER | | | |
| STATION | DESCRIPTION | GRADE | WATERMAIN | COVER | | | |
| 200mm W/M Service 1088 Somerset Street W | | | | | | | |
| 0+000 | W/M STUB | 61.45 | 59.050 | 2.40 | | | |
| 0+001.80 | 200mm VB | 61.43 | 59.030 | 2.40 | | | |
| 0+004.80 | Crossing with 75mm Street Lighting | 61.40 | 59.000 | 2.40 | | | |
| | Connect to Ex. 200mm W/M | | | | | | |
| 0+06.00 | T.V.S connection by City forces | 61.24 | 58.900 | 2.34 | | | |
| | | | | | | | |
| 200mm W/M Sarvice 50 Bayswater Avenue | | | | | | | |

N/A

1.65

1.36

0.10

1.06

1.07

N/A

0.22

0.74

0.94 0.98

1.18

0.21

1.22

1.38

0.26

0.55

59.27 | Hydro TOP | N/A

60.55 | Water TOP | 58.90

60.50 | Sanitary TOP | 59.14

Water TOP

60.15 | Sanitary TOP | 59.09

60.15 | Sanitary TOP | 59.08

59.16 | Sanitary TOP | 58.94

Sanitary TOP

60.43 | Sanitary TOP | 59.25

Storm TOP

Water TOP

58.89 | Sanitary TOP | 58.33

60.32

59.14

Sanitary TOP | 59.02

Storm TOP 59.53

Storm TOP 59.49

Water TOP 59.10

Storm TOP 58.87

59.29

Storm BOT.

Lighting BOT.

Lighting BOT.

Sanitary BOT.

Bell BOT.

Rogers BOT.

Hydro BOT.

Storm BOT

Hydro BOT.

Gas BOT.

Hydro BOT.

Gas BOT.

Sanitary BOT.

Hydro BOT.

Gas BOT.

Water BOT.

Water BOT.

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| 200mm W/M Service 50 Bayswater Avenue | | | | | |
|---------------------------------------|-------------------------------|-------|--------|------|--|
| 1+000 | W/M STUB | 61.45 | 59.050 | 2.40 | |
| 1+001.30 | 200mm VB | 61.43 | 59.030 | 2.40 | |
| 1+006.80 | Crossing with 400mm Hydro | 61.40 | 59.000 | 2.40 | |
| 1+010.10 | Crossing with 50mm Gas | 61.30 | 58.900 | 2.40 | |
| 1+012.00 | Crossing with 375mm Storm | 61.30 | 59.350 | 1.95 | |
| 1+013.60 | Crossing with 300mm Sanitary | 61.30 | 59.100 | 2.20 | |
| | Connect to Ex. 200mm W/M with | | | | |
| 1+017.00 | 200X200 Tee | 61.30 | 59.100 | 2.20 | |

| SAN STRUCTURE TABLE | | | | | | | | |
|---------------------|--------------|--------|-------|--------|--------|-------------|--------------|-------|
| STRUCTURE ID | TOP OF GRATE | INVERT | | | | DESCRIPTION | | |
| 3TROCTORE ID | ELEVATION | INLET | INLET | INLET | OUTLET | SIZE | OPSD | COVER |
| SANMH1 | 61.40 | | | 59.000 | 58.990 | 1200mm DIA. | OPSD-701.010 | S24 |
| SANMH2 | 60.90 | | | 58.720 | 58.500 | 1200mm DIA. | OPSD-701.010 | S24 |
| SANMH3 | 61.41 | | | 59.150 | 59.140 | 1200mm DIA. | OPSD-701.010 | S24 |
| SANMH4 | 61.37 | | | 59.020 | 57.910 | 1200mm DIA. | OPSD-701.010 | S24 |

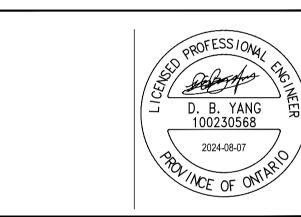






RENFROE LAND MANAGEMENT

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| ORIGINAL SCALE: VARIES | DATE: 2024-08-07 |
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| DESIGNED BY: SM | IF THIS BAR IS NOT 25mm LONG, ADJUST |
| DRAWN BY: | YOUR PLOTTING SCALE. |
| APPROVED BY: | 25mm |
| DISCIPLINE: CIVII | |

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PROJECT NUMBER: CA0003875.9802

RENFROE LAND MANAGEMENT

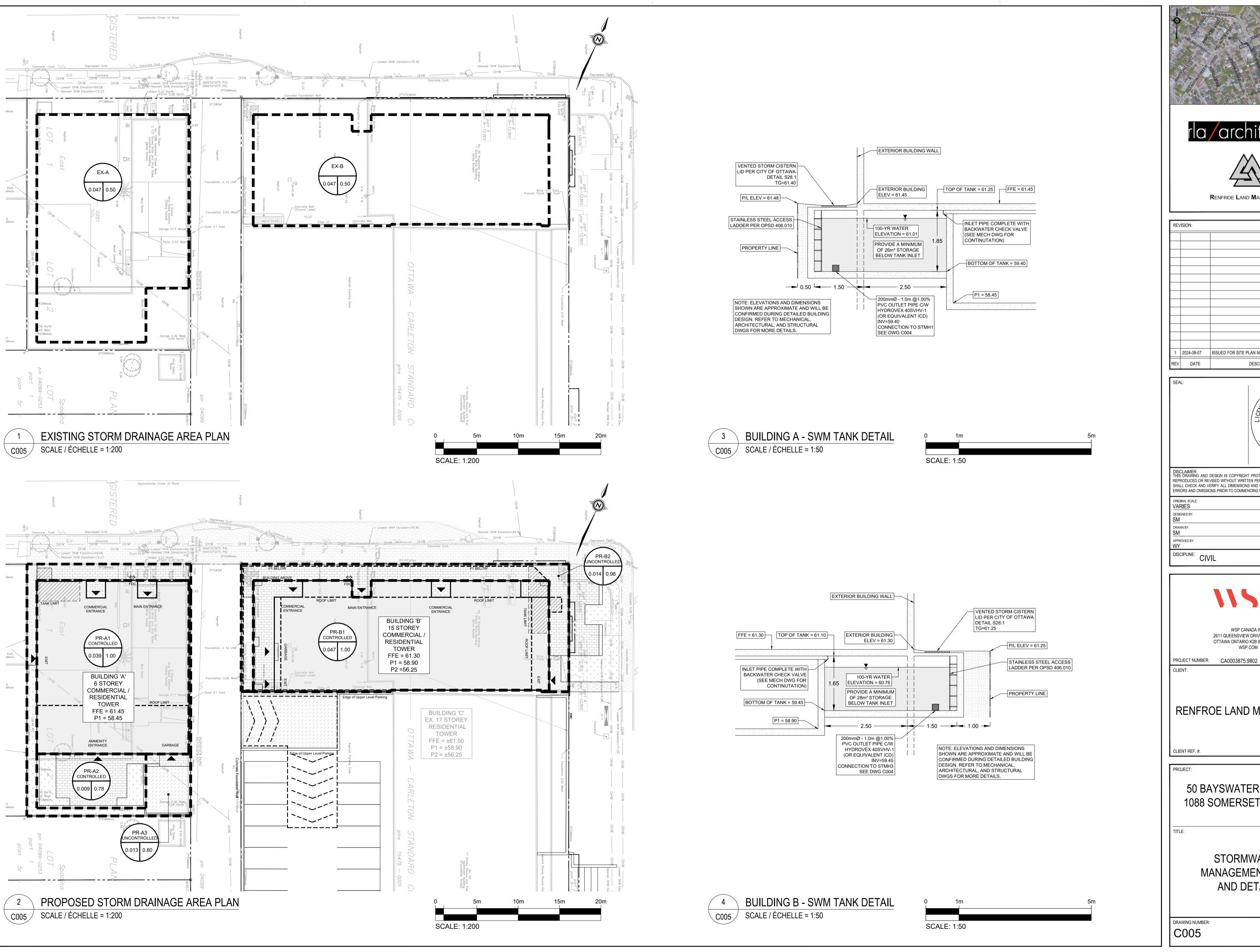
CLIENT REF. #:

50 BAYSWATER AVENUE & 1088 SOMERSET STREET W

SERVICING PLAN

DRAWING NUMBER: C004

SCALE: 1:150



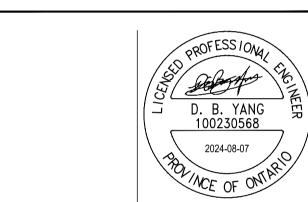






RENFROE LAND MANAGEMENT

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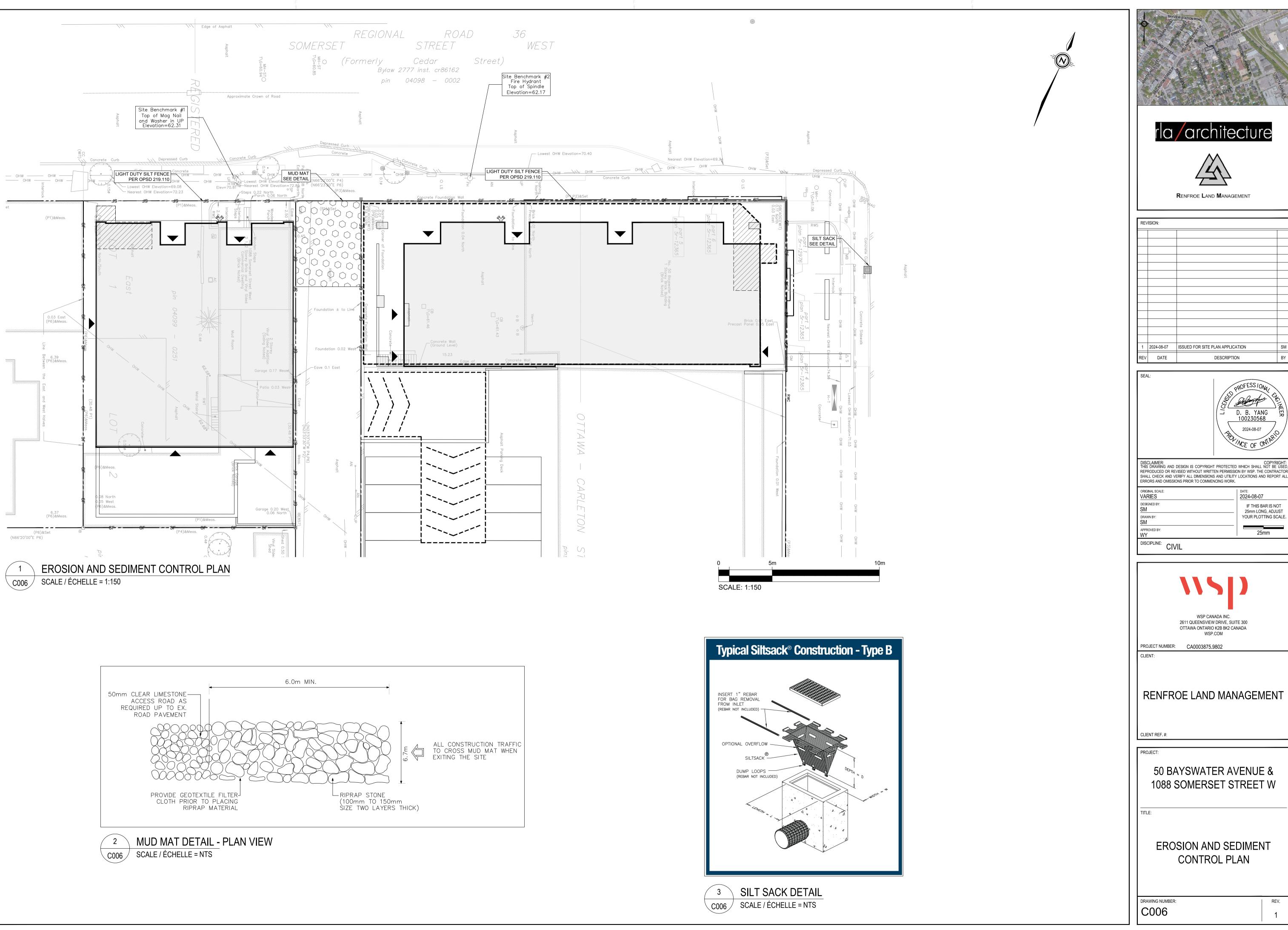
| ORIGINAL SCALE: VARIES | DATE: 2024-08-07 |
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RENFROE LAND MANAGEMENT

50 BAYSWATER AVENUE & 1088 SOMERSET STREET W

> STORMWATER MANAGEMENT PLAN AND DETAILS



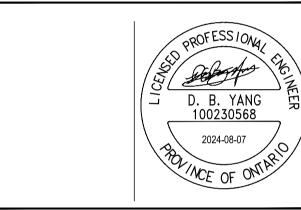






Renfroe Land Management

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| VARIES | 2024-08-07 |
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| DESIGNED BY: | IF THIS BAR IS NOT 25mm LONG, ADJUST |
| DRAWN BY: SM | YOUR PLOTTING SCALE |
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| DISCIPLINE: ON III | |



RENFROE LAND MANAGEMENT

50 BAYSWATER AVENUE & 1088 SOMERSET STREET W

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