

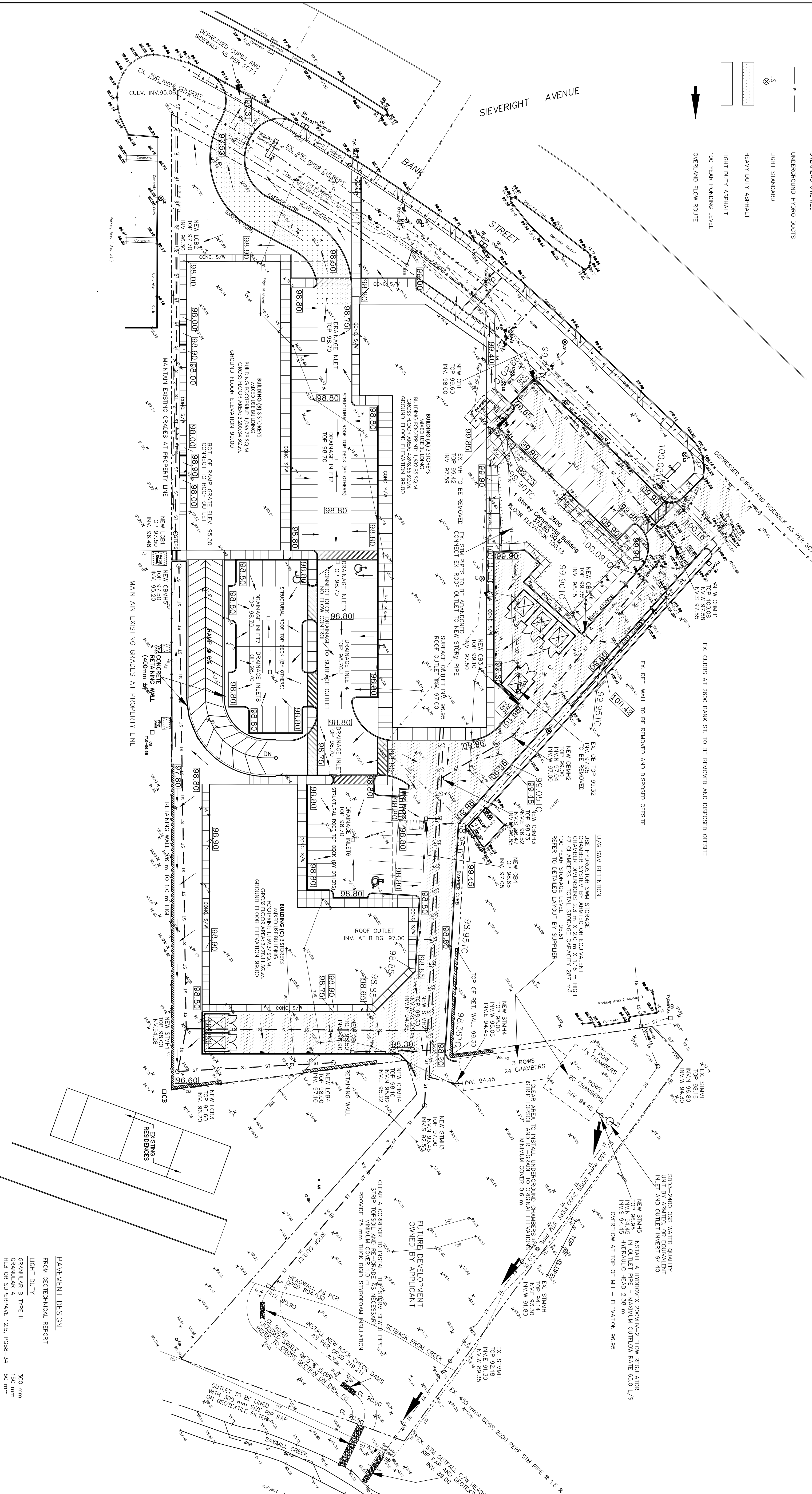
LEGEND

- 98.800 99.400 PROPOSED ELEVATION
- EXISTING ELEVATION
- 98.701C TOP OF CURB
- DIRECTION OF FLOW
- UTILITY POLE
- DEPRESSED CURB
- DC
- STORM SEWER
- SANITARY SEWER
- WATER LINE
- PROPERTY LINE
- BELL CABLE
- GAS MAIN
- OVERHEAD UTILITIES
- UNDERGROUND HYDRO DUCTS
- LIGHT STANDARD
- HEAVY DUTY ASPHALT
- LIGHT DUTY ASPHALT
- 100 YEAR PONDING LEVEL
- OVERLAND FLOW ROUTE

ON SITE SWM RETENTION	ROOF STORAGE - BLDG A	ROOF STORAGE - BLDG B	ROOF STORAGE - BLDG C
UNDERGROUND STORAGE	2 YEAR RETENTION 48 m ³	2 YEAR RETENTION 14 m ³	2 YEAR RETENTION 16 m ³
	100 YEAR RETENTION 228 m ³	100 YEAR RETENTION 14 m ³	100 YEAR RETENTION 16 m ³
	STORAGE CAPACITY 287 m ³	POUNDING AREA 800 m ²	POUNDING AREA 580 m ²
	OUTFLOW RATE 97.3 L/S	POUNDING DEPTH 0.08 m	POUNDING DEPTH 0.08 m
		100 YEAR RETENTION 76 m ³	100 YEAR RETENTION 55 m ³
		AVAILABLE PONDING AREA 1,632 m ²	AVAILABLE PONDING AREA 1,160 m ²
		MAXIMUM PONDING DEPTH 0.15 m	MAXIMUM PONDING DEPTH 0.15 m
		AVAILABLE STORAGE CAPACITY 82 m ³	AVAILABLE STORAGE CAPACITY 58 m ³
		9 ROOF DRAINS (3 N, 4 AND 2 N, B, C & FUTURE D) TO BE CONTROLLED TO 1.5 L/S PER DRAIN (13.5 L/S TOTAL)	

NOTES

- 1 DO NOT SCALE DRAWING
- 2 VERIFY LOCATIONS AND ELEVATIONS OF EXISTING SERVICES
- 3 PRIOR TO CONSTRUCTION, CONTRACTOR IS RESPONSIBLE TO OBTAIN LOCATES, CALL (613) 797-8534 BEFORE EXCAVATING
- 4 CONTRACTOR IS TO COMPLY WITH THE CITY OF OTTAWA REQUIREMENTS FOR TRAFFIC CONTROL WHEN WORKING ON MUNICIPAL ROAD.
- 5 ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CITY OF OTTAWA STANDARD SPECIFICATIONS, 2012 EDITION, PART 25 (CONSTRUCTION).
- 6 NEW SANITARY AND STORM SEWER PIPES SHALL BE PER OPS9 705.010
- 7 SANITARY MANHOLE BENCHING AS PER OPS9 701.021
- 8 NEW CATCH BASINS ARE STANDARD SIZE 600 mm x 600 mm AS PER OPS9 705.010
- 9 CATCH COVER AS PER CITY STANDARD DRAWING S19
- 10 CATCH BASIN COVER AS PER CITY STANDARD DRAWING S19.1
- 11 STORM MANHOLE AND COVER TO BE CONSTRUCTED WITH 500 mm SAND, 50'S WITH 600 mm SANDS
- 12 LANDSCAPE CATCH BASINS (LGB) AS PER CITY STANDARD DRAWINGS S30 AND S31
- 13 BARRIER AND DEPRESSED CURB AS PER STANDARD DRAWING SC1.1
- 14 BARRIER CURB WITH SIDEWALK AS PER SID DWG SC1.4
- 15 PROVIDE 600 mm GRANULAR BASE FOR THE SIDEWALK ADJACENT TO BUILDING
- 16 NEW SEWERS TO BE INSPECTED USING CCTV AS REQUIRED BY THE CITY OF OTTAWA
- 17 CCTV TEST TO BE WITNESSED BY A PROFESSIONAL ENGINEER
- 18 CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION
- 19 RESTORE PAVEMENT STRUCTURE, CURBS AND SURFACES ON EXISTING ROADS TO THEIR ORIGINAL CONDITIONS
- 20 SHANDON ROAD 014 (NEW) IDENTIFY AS PER SID DWG R10 BUILDING DIMENSIONS AND SITE LAYOUT.
- 21 DIMENSIONS AND LAYOUT INFORMATION SHALL REFER TO MECHANICAL DRAWINGS FOR INTERNAL CONNECTIONS OF THE WATER, SANITARY AND STORM SERVICES
- 22 WATERMAIN CONNECTION, WATER METER, WATER SERVICE LINES, WATER SERVICES EXCAVATION AND REINSTATEMENT BY CONTRACTOR
- 23 WATER SERVICE DISSECTION AND INSPECTION BY CITY FORCES. ALL DEFLECTIONS AS PER MANUFACTURER'S SPECIFICATIONS THROUGH ORDER TO BE 2.4 mm PER METRE PROVIDED
- 24 THIS PLAN SHOULD BE REVIEWED BY THE CITY OF OTTAWA BEFORE CONSTRUCTION. THIS PLAN IS THE PROPERTY OF THE SURVEYING GROUP



GENERAL NOTE:
 THE POSITION OF ALL POLE LINES, CONDUITS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THESE DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION AND DEPTH OF SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

PAVEMENT DESIGN

FROM GEOTECHNICAL REPORT

LIGHT DUTY

GRAVELLITE B TYPE II

150 mm

H.3 OR SUPERPAVE 12.5, PG58-34

50 mm

HEAVY DUTY

GRAVELLITE B TYPE II

150 mm

H.3 OR SUPERPAVE 12.5, PG58-34

50 mm

MINIMUM PERFORMANCE GRADED (PG) 58-34 ASPHALT CONCRETE

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 Municipal / Land Development

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 E: ce@rogers.com

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PROJECT

2600 BANK STREET
 Ottawa, Ontario

DRAWING

Grading and
 SWM Plan

PROJECT NO. PYZ-2020
SCALE - 1 : 400
DRAWN - ANDREW
CHECKED - AN

DRAWING NO.
G3

REVISION NO.

PROFESSIONAL ENGINEER

AMINE MAJIDI
 License No. 25721
 Province of Ontario

PROJECT NORTH

TRUE NORTH

Not for construction unless
 SEALED and SIGNED

NO.	ISSUE & REVISIONS	DATE
1	Issued for Client Review	2021/07/30
2	Issued for Site Plan Application	2021/09/25

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