LEGEND

- PROPERTY LINE
- PROPOSED SWALE AND DIRECTION OF FLOW (1.5%)
- CAR ONLY PARKING AREA
- *EXISTING EDGE OF GRAVEL SHOULDER*
- *EXISTING CENTERLINE OF DITCH*
- *EXISTING CENTERLINE OF ROAD*
- EXISTING ELEVATION (AOV SURVEY POINTS) (95.55)
- EXISTING ELEVATION (NOVATECH SURVEY POINTS) (93.00)
- PROPOSED ELEVATION / *EXISTING ELEVATION* (95.55 / 94.20)
- PROPOSED SWALE INVERT ELEVATION (93.00(S))
- PROPOSED TOP OF CURB ELEVATION (93.15TC)
- CROSS SECTIONS, REFER TO 124111-ND FOR DETAILS (A – A)
- TERRACING: MAXIMUM 3:1 SIDESLOPE
- GRADE AND DIRECTION (2.0%)
- FINISHED FLOOR ELEVATION (FFE=)
- PROPOSED DEPRESSED CURB (DC)
- PROPOSED GRADING HIGH POINT (HP)
- GRAVEL AREA
- PROPOSED SIDEWALK
- ENTRY DOOR
- PROPOSED CULVERT
- DIRECTION OF MAJOR OVERLAND FLOW
- TACTILE WALKING SURFACE INDICATOR (TWSI)

GRADING NOTES:

1. ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED PAVED AREAS AS DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.
2. EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACEMENT OF GRANULARS.
3. ANY SOFT AREAS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUB-EXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMPATIBLE WITH THE EXISTING SOILS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
4. THE PAVEMENT GRANULAR BASE AND SUBBASE SHOULD BE PLACED IN 300mm THICK LIFTS AND COMPACTED TO A MINIMUM OF 99% OF THE MATERIAL'S SPMDD USING SUITABLE COMPACTION EQUIPMENT.
5. MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
6. MAXIMUM TERRACING GRADE TO BE 3:1 UNLESS OTHERWISE NOTED.
7. ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.
8. ALL CURBS SHALL BE BARRIER CURB (150mm) UNLESS OTHERWISE NOTED AND CONSTRUCTED AS PER CITY OF OTTAWA STANDARDS (SC1.1).
9. REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE DETAILS.
10. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GRADING PLAN INDICATING AS-BUILT ELEVATIONS OF ALL DESIGN GRADES SHOWN ON THIS PLAN.
11. ALL ELEVATIONS ARE GEODETIC AND ARE REFERRED TO THE CGVD28 GEODETIC DATUM. THE SITE BENCHMARK IS LOCATED ON THE UNDERSIDE OF THE WELL CASING CAP AND IS ELEVATION 90.18m. BEARINGS ARE REFERENCED TO THE CENTRAL MERIDIAN OF MTM ZONE 9, NAD83 (CSRS)(2010). REFER TO "PLAN OF SURVEY OF BLOCK 2, REGISTERED PLAN 4M-1388, CITY OF OTTAWA, BY ANNIS O'SULLIVAN VOLLBEKK LTD.
12. ALL LANDSCAPE DRAIN T/G SHALL BE INSTALLED 5cm ABOVE THE BOTTOM OF SWALE ELEVATIONS TO PROMOTE INFILTRATION.
13. THE PAVEMENT AND GRAVEL SURFACE STRUCTURES NOTED ON THIS PLAN ARE AS PER THE GEOTECHNICAL CONSULTANTS RECOMMENDATION. REFER TO GEOTECHINCAL REPORT (No. PG7327-1 REV. 1, DATED AUGUST 21, 2025) FOR COMPLETE DETAILS.

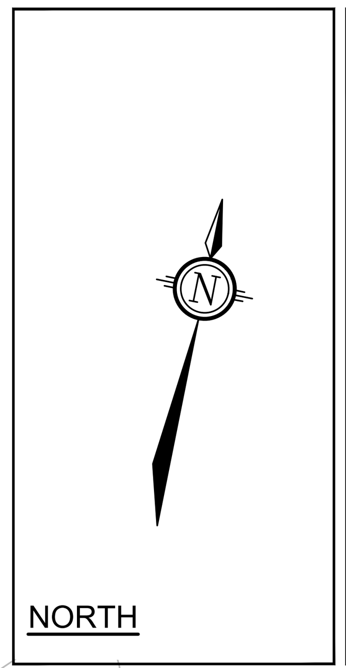
PAVEMENT STRUCTURE:

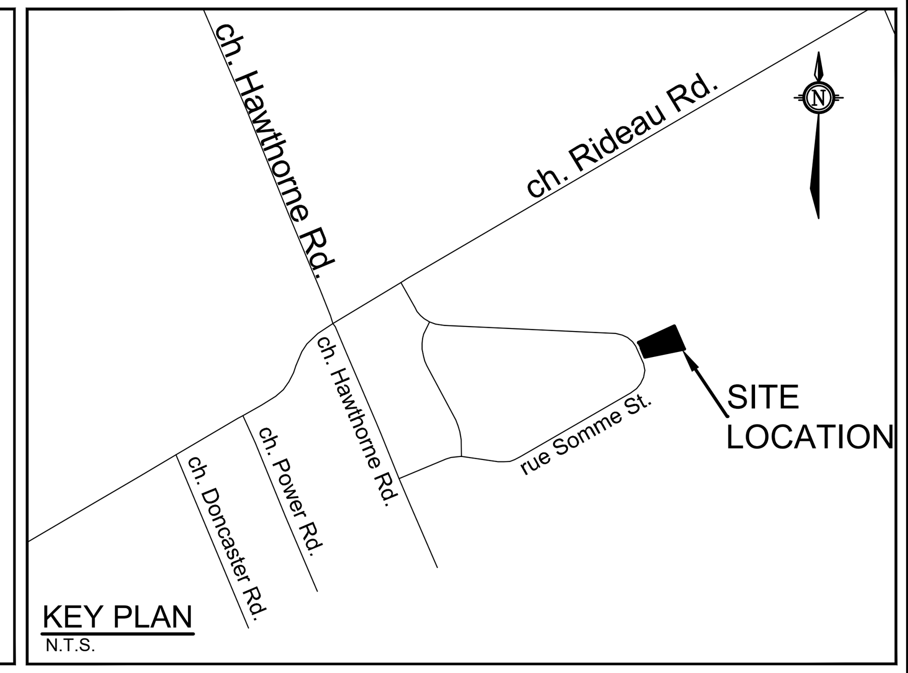
CAR ONLY PARKING AREA
50mm SUPERPAVE 12.5 SURFACE COURSE
150mm OPSS GRANULAR A BASE COURSE
300mm OPSS GRANULAR B TYPE II SUBBASE

ACCESS LANES
40mm SUPERPAVE 12.5 SURFACE COURSE
50mm SUPERPAVE 19.0 BINDER COURSE
150mm OPSS GRANULAR A BASE COURSE
450mm OPSS GRANULAR B TYPE II SUBBASE

GRAVEL STRUCTURE:

300mm OPSS GRANULAR A BASE COURSE
450mm OPSS GRANULAR B TYPE II SUBBASE





APPROVED
By Adam Brown at 2:14 pm, Jul 14, 2026

ADAM BROWN
MANAGER , DEVELOPMENT REVIEW RURAL
PLANNING, DEVELOPMENT & BUILDING SERVICES DEPARTMENT, CITY OF OTTAWA

REFER TO 124111 - ND FOR ADDITIONAL NOTES & DETAILS

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	DATE	BY
5.	ISSUED TO ADDRESS CITY COMMENTS	MAY 04/ 2026	GJM
4.	ISSUED FOR SITE PLAN APPROVAL	MAR 17/ 2026	GJM
3.	ISSUED TO ADDRESS CITY COMMENTS	FEB 06/ 2026	GJM
2.	ISSUED TO ADDRESS CITY COMMENTS	SEP 23/2025	GJM
1.	ISSUED FOR SITE PLAN APPLICATION	JUN 03/2025	GJM

SCALE 1:250

DESIGN RJG
CHECKED ARM
DRAWN RJG
CHECKED ARM
APPROVED GJM

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER — G.J. MacDONALD — May 04, 2026 — PROVINCE OF ONTARIO

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Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
541 SOMME STREET

DRAWING NAME
GRADING PLAN

PROJECT No. 124111
REV: REV # 4
DRAWING No. 124111-GR

FILE # D07-12-25-0077 PLAN # 19398

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