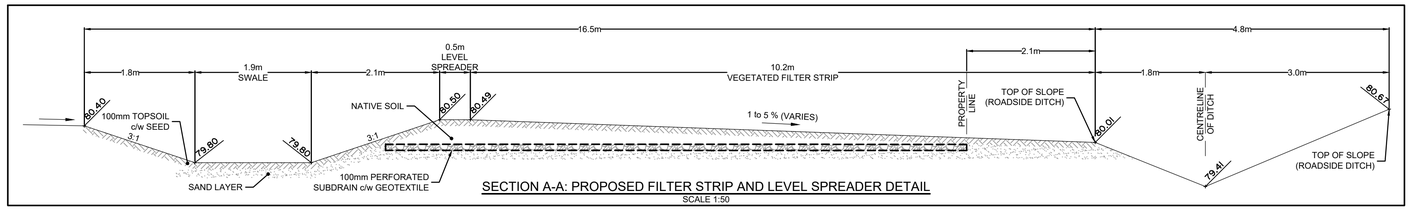


SECTION A-A: PROPOSED FILTER STRIP AND LEVEL SPREADER DETAIL
SCALE 1:50

GENERAL NOTES:

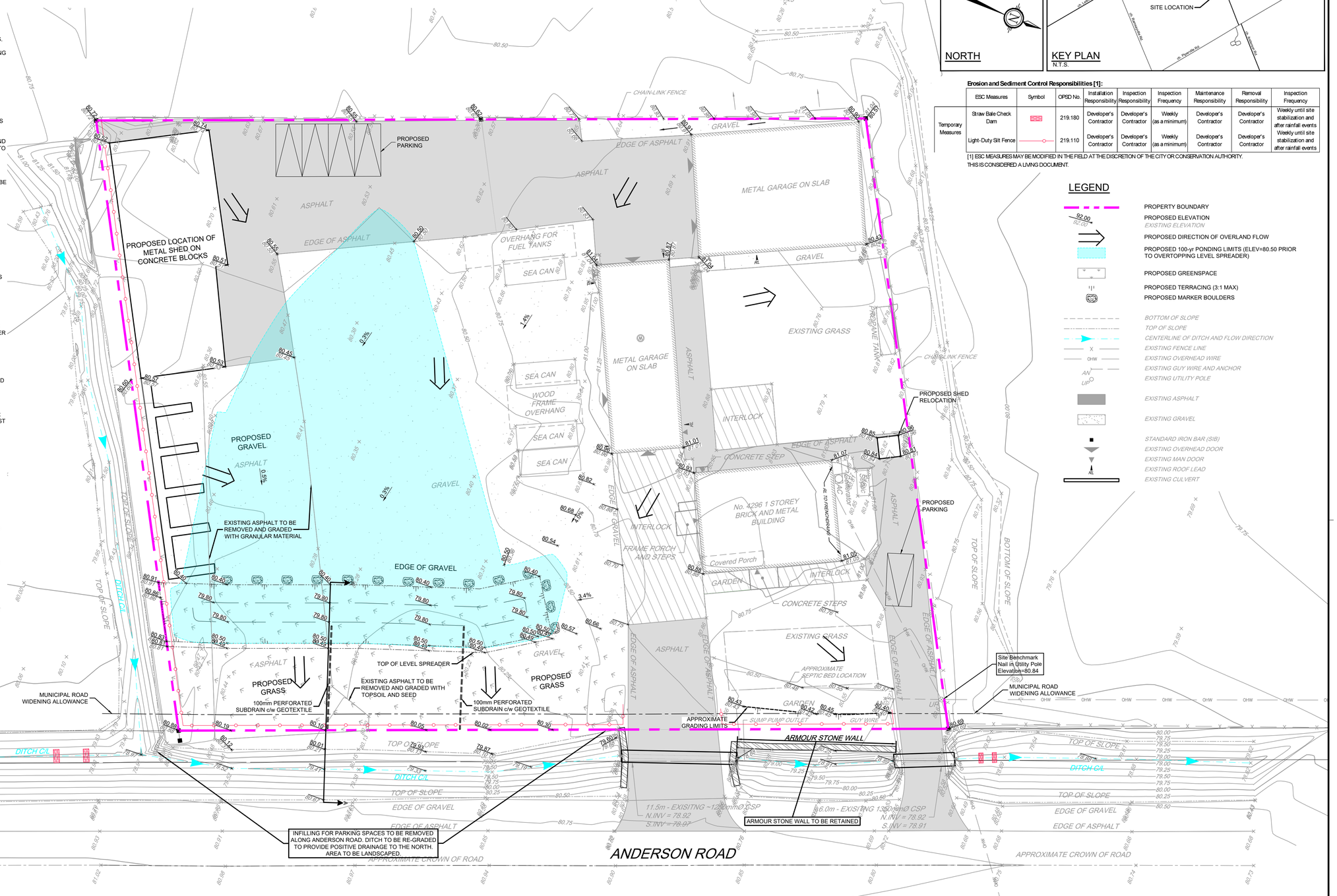
1. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
2. DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THIS DRAWING.
3. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
4. BEFORE COMMENCING CONSTRUCTION OBTAIN AND PROVIDE PROOF OF COMPREHENSIVE, ALL RISK AND OPERATIONAL LIABILITY INSURANCE FOR $5,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS CO-INSURED.
5. RESTORE ALL DISTURBED AREAS ON-SITE AND OFF-SITE, INCLUDING TRENCHES AND SURFACES ON PUBLIC ROAD ALLOWANCES TO EXISTING CONDITIONS OR BETTER TO THE SATISFACTION OF THE CITY OF OTTAWA AND ENGINEER.
6. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL, ORGANIC MATERIAL AND DEBRIS UNLESS OTHERWISE INSTRUCTED BY ENGINEER. EXCAVATE AND REMOVE FROM SITE ANY CONTAMINATED MATERIAL. ALL CONTAMINATED MATERIAL SHALL BE DISPOSED OF AT A LICENSED LANDFILL FACILITY.
7. ALL ELEVATIONS ARE GEODETIC.
8. REFER TO GEOTECHNICAL REPORT (No. 100011.121, DATED APRIL 24, 2026), PREPARED BY GEMTEC FOR SUBSURFACE CONDITIONS, CONSTRUCTION RECOMMENDATIONS, AND GEOTECHNICAL INSPECTION REQUIREMENTS. THE GEOTECHNICAL CONSULTANT IS TO REVIEW ON-SITE CONDITIONS AFTER EXCAVATION PRIOR TO PLACEMENT OF THE GRANULAR MATERIAL.
9. REFER TO CONCEPTUAL SITE SERVICING AND STORMWATER MANAGEMENT REPORT(R-2026-016) PREPARED BY NOVATECH ENGINEERING CONSULTANTS LTD.
10. SAW CUT AND KEY GRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10).

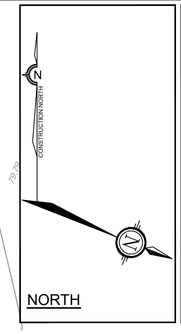
GRADING NOTES:

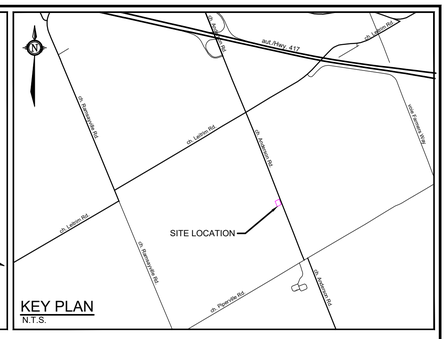
1. ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED PAVED AREAS AS DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.
2. EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER AND INSPECTED BY THE GEOTECHNICAL 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 GRANULAR BASE SHOULD BE COMPACTED TO AT LEAST 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE. ANY ADDITIONAL GRANULAR FILL USED BELOW THE PROPOSED PAVEMENT SHOULD BE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.
5. MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
6. MAXIMUM TERRACING GRADE TO BE 3:1 UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GRADING PLAN INDICATING AS-BUILT ELEVATIONS OF ALL DESIGN GRADES SHOWN ON THIS PLAN.

EROSION AND SEDIMENT CONTROL NOTES:

1. THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL SUCH AS BUT NOT LIMITED TO INSTALLING AND MAINTAINING A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
2. SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL EROSION FROM THE SITE DURING CONSTRUCTION.
3. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.







KEY PLAN
N.T.S.

Erosion and Sediment Control Responsibilities [1]:

	ESC Measures	Symbol	OPSD No.	Installation Responsibility	Inspection Responsibility	Inspection Frequency	Maintenance Responsibility	Removal Responsibility	Inspection Frequency
Temporary Measures	Straw Bale Check Dam		219.180	Developer's Contractor	Developer's Contractor	Weekly (as a minimum)	Developer's Contractor	Developer's Contractor	Weekly until site stabilization and after rainfall events
	Light-Duty Silt Fence		219.110	Developer's Contractor	Developer's Contractor	Weekly (as a minimum)	Developer's Contractor	Developer's Contractor	Weekly until site stabilization and after rainfall events

[1] ESC MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OR CONSERVATION AUTHORITY.
THIS IS CONSIDERED A LIVING DOCUMENT.

LEGEND

- PROPERTY BOUNDARY
- PROPOSED ELEVATION
- *EXISTING ELEVATION*
- PROPOSED DIRECTION OF OVERLAND FLOW
- PROPOSED 100-yr PONDING LIMITS (ELEV=80.50 PRIOR TO OVERTOPPING LEVEL SPREADER)
- PROPOSED GREENSPACE
- PROPOSED TERRACING (3:1 MAX)
- PROPOSED MARKER BOULDERS
- *BOTTOM OF SLOPE*
- *TOP OF SLOPE*
- *CENTERLINE OF DITCH AND FLOW DIRECTION*
- *EXISTING FENCE LINE*
- *EXISTING OVERHEAD WIRE*
- *EXISTING GUY WIRE AND ANCHOR*
- *EXISTING UTILITY POLE*
- *EXISTING ASPHALT*
- *EXISTING GRAVEL*
- *STANDARD IRON BAR (SIB)*
- *EXISTING OVERHEAD DOOR*
- *EXISTING MAN DOOR*
- *EXISTING ROOF LEAD*
- *EXISTING CULVERT*

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.

SOURCE REFERENCE:
LEGAL/TOPOGRAPHIC INFORMATION:
PLAN OF SURVEY OF PART LOT 16 - CONCESSION 7 (OTTAWA FRONT) - GEOGRAPHIC TOWNSHIP OF GLOUCESTER - CITY OF OTTAWA / ANNIS, O'SULLIVAN, VOLLEBEKK LTD. / DEC. 16, 2024 / MTM ZONE 9 NAD-83 (CSRS)(2010)

No.	REVISION	DATE	BY
2.	ISSUED WITH CSWM REPORT	APR 26/28	LKC
1.	ISSUED FOR COORDINATION	SEP 04/25	LKC

SCALE
1:200
1:200
0 2 4 6 8

DESIGN TGS
CHECKED LAB
DRAWN TGS
CHECKED LAB
APPROVED JLS

FOR REVIEW ONLY

LICENSED PROFESSIONAL ENGINEER
L.A. BOWLEY
100081115
April 28/26
PROVINCE OF ONTARIO

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
4296 ANDERSON ROAD

DRAWING NAME
CONCEPTUAL GRADING, EROSION AND SEDIMENT CONTROL PLAN

PROJECT No. 124156
REV REV # 2
DRAWING No. 124156-GR

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