

LEGEND

—	PROPERTY LINE	—	EXISTING VALVE & VALVE BOX
—DC	PROPOSED DEPRESSED CURB	—	EXISTING HYDRANT
—	EXISTING DEPRESSED CURB	—	EXISTING SANITARY MANHOLE
X 78.00	PROPOSED ELEVATION	—	EXISTING STORM MANHOLE
X 78.00(5)	EXISTING ELEVATION	—	EXISTING CATCHBASIN
X 78.15(2)	PROPOSED SWALE INVERT ELEVATION	—	EXISTING CATCHBASIN MANHOLE
X 77.15(2)	PROPOSED TOP OF CURB ELEVATION	—	EXISTING STREETLIGHT
X 77.73	PROPOSED TRENCH DRAIN ELEVATION	—	EXISTING HYDRO MANHOLE
—	EXISTING ELEVATION	—	EXISTING HYDRO HANDHOLE
—	PROPOSED BUILDING ENTRANCE	—	EXISTING BELL HANDHOLE
—	SLOPE AND DIRECTION	—	PROPOSED TERRACE ELEVATION AT BUILDING
—	DIRECTION OF MAJOR OVERLAND FLOW	—	ASPHALT REINSTATEMENT AREA REFER TO DRAWING 123013-RP
—	PROPOSED CATCHBASIN MANHOLE	—	CONCRETE PAVING REINSTATEMENT AREA REFER TO DRAWING 123013-RP
—	PROPOSED CATCHBASIN	—	PROPOSED SWALE
—	PROPOSED LANDSCAPE CATCHBASIN	—	GRADING @ 3:1 MAXIMUM
—	SILT BAG REQUIRED DURING CONSTRUCTION	—	
—	FILTER CLOTH REQUIRED DURING CONSTRUCTION	—	

- GENERAL NOTES:**
- COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
 - 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.
 - OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
 - 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.
 - 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.
 - 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.
 - ALL ELEVATIONS ARE GEODETIC.
 - REFER TO GEOTECHNICAL DESKTOP STUDY (No. 23592402-001, DATED MARCH 27, 2023), PREPARED BY WSP 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.
 - REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S DRAWINGS FOR BUILDING AND HARDSURFACE AREAS AND DIMENSIONS.
 - REFER TO STORMWATER MANAGEMENT REPORT(R-2023-104) PREPARED BY NOVATECH ENGINEERING CONSULTANTS LTD.
 - SAW CUT AND KEY GRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10).
 - PROVIDE LINE/PARKING PAINTING.
 - CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES INDICATING ALL SERVICING AS-BUILT INFORMATION SHOWN ON THIS PLAN, AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZES, LENGTHS, SLOPES, INVERT AND TIG ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, TWM ELEVATIONS AND ANY ALIGNMENT CHANGES, ETC.

- GRADING NOTES:**
- 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.
 - 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.
 - ANY SOFT AREAS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUB-EXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS MOST COMPATIBLE WITH THE EXISTING SOILS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
 - 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.
 - MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
 - MAXIMUM TERRACING GRADE TO BE 3:1 UNLESS OTHERWISE INDICATED.
 - ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.
 - ALL CURBS SHALL BE BARRIER CURB (150mm) UNLESS OTHERWISE NOTED AND CONSTRUCTED AS PER CITY OF OTTAWA STANDARDS (SC1.1).
 - REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE DETAILS.
 - 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:**
- 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 FILTER CLOTHS ACROSS MANHOLE/CATCHBASIN LIDS TO PREVENT SEDIMENTS FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
 - THE CONTRACTOR SHALL PLACE FILTER BAGS UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
 - THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.

SOURCE REFERENCE:
 SITE PLAN: NEUF ARCHITECTS / SITE PLAN - SPA_A103, REVISION 3
 NEUF ARCHITECTS / SITE PLAN (PHASE 1) - SPA_A104, REVISION 3
LEGAL & TOPOGRAPHIC INFORMATION: TOPOGRAPHIC PLAN OF SURVEY OF LOTS 39, 40 AND 41 PART OF LOTS 38 AND 42 (SOUTH SLATER STREET) LOTS 39, 40 AND 41 PART OF LOTS 38 AND 42 (NORTH LAURIER AVENUE), REGISTERED PLAN 3922 CITY OF OTTAWA / ANNIS, O'SULLIVAN, VOLLEBEK LTD. / FEBRUARY 24, 2023 / CENTRAL MERIDIAN OF MTN ZONE 9-NAD-83

Andrew McCreight
ANDREW MCCREIGHT
 MANAGER, DEVELOPMENT REVIEW CENTRAL
 PLANNING, DEVELOPMENT & BUILDING SERVICES
 DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Andrew McCreight at 9:22 am, Jun 13, 2024

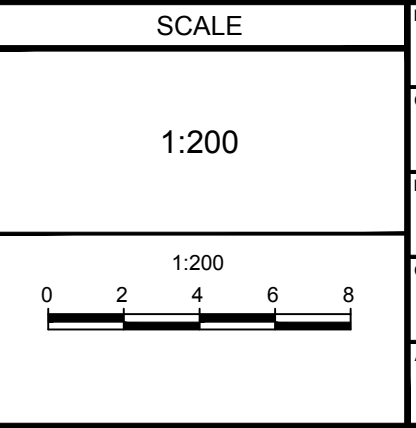
Minimum Erosion and Sediment Control Responsibilities:

	ESC Measure	Symbol	OPSD No.	During Construction		After Construction Prior to Final Acceptance		After Final Acceptance
				Installation Responsibility	Inspection Responsibility	Inspection/Maintenance Responsibility	Removal Responsibility	Inspection/Maintenance Responsibility
Temporary Measures	Silt Bag	○	Erosion and Sediment Control Notes & Details	Developer's Contractor	Developer's Contractor	Developer	Developer's Contractor	N/A
	Filter Cloth (Trench Drain)	□	219.110	Developer's Contractor	Developer's Contractor	Developer	Developer's Contractor	N/A

NOTE:
 THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, 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.

REVISION

No.	REVISION	DATE	BY
5.	REVISED PER COMMENTS	APR 26/24	ARM
4.	REVISED PER COMMENTS	MAR 8/24	ARM
3.	ISSUED FOR COORDINATION	NOV 24/23	ARM
2.	ISSUED FOR REVIEW	JULY 5/23	ARM
1.	ISSUED FOR COORDINATION	JUNE 15/23	ARM



FOR REVIEW ONLY

Checked: MNP
 Drawn: ARM
 Checked: MNP
 Approved: ARM
 XXX

PROFESSIONAL ENGINEER
 A. A. RONDVE
 100141256
 April 26, 2024
 PROVINCE OF ONTARIO

PROFESSIONAL ENGINEER
 100141256
 APR 26, 2024
 PROVINCE OF ONTARIO

NOVATECH
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 Website: www.novatech-eng.com

LOCATION
 170 SLATER STREET, CITY OF OTTAWA
 PROPOSED RESIDENTIAL HIGH-RISE

DRAWING NAME
 GRADING, EROSION AND SEDIMENT CONTROL PLAN - PHASE 1 (SOUTH TOWER)

PROJECT No. 123013
REV REV # 5
DRAWING No. 123013-GR

#19101
 D07-12-24-0026