



LEGEND

PROPOSED BARRIER CURB	PROPOSED DEPRESSIONED CURB	MAXIMUM 3:1 SIDESLOPE
FINISHED FLOOR ELEVATION	UNDER-SIDE OF FOOTING ELEVATION	EXISTING CATCHBASIN
EXISTING CATCHBASIN	EXISTING CATCHBASIN LEAD	EXISTING CONCRETE CURB
EXISTING VALVE & HUB LEAD	EXISTING SERVICE PASS	EXISTING HYDRANT
EXISTING GAS CATCHBASIN	EXISTING GAS CATCHBASIN LEAD	EXISTING UTILITY POLE
EXISTING UTILITY POLE	EXISTING WIRE	

POST-DEVELOPMENT AREA ID

POST-DEVELOPMENT DRAINAGE AREA (m²)

1.5 YEAR WEIGHTED RUNOFF COEFFICIENT

STMM 120

STMM(N/T) 128

CBMH

CB

ICD

EMERGENCY OVERLAND FLOW ROUTE

- 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.
 - COMPLETE ALL WORKS IN ACCORDANCE WITH THE MOST CURRENT CITY OF OTTAWA STANDARDS AND SPECIFICATIONS USING THE CURRENT GUIDELINES BY LAWS AND STANDARDS INCLUDING MATERIALS OF CONSTRUCTION, INSPECTION AND ALL RELEVANT REFERENCES TO OPEB, OPSB & WMAW GUIDELINES. ALL CURRENT VERSIONS AND AS AMENDED.
 - 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 THE GEOTECHNICAL INVESTIGATION AND HYDROGEOLOGICAL ASSESSMENT - 600 MARCH ROAD - (REPORT NO. 1206873-RPT-1), PREPARED BY GHD ON MARCH 06, 2024. 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 ARCHITECTS AND LANDSCAPE ARCHITECTS' DRAWINGS FOR BUILDING AND HARDSURFACE AREAS AND DIMENSIONS.
 - REFER TO THE STORMWATER MANAGEMENT REPORT (R-2023-143) PREPARED BY NOVATECH.
 - SAW CUT AND KEY GRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10).

- BENCHMARK NOTES:**
- ELEVATIONS SHOWN ARE GEODETIC AND ARE REFERRED TO THE CGVD25 GEODETIC DATUM.
 - IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE JOB BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN ON THIS DRAWING.
 - BENCHMARK WAS PROVIDED ON SURVEYOR'S REAL PROPERTY REPORT PART 1, PLAN OF PART OF LOT 5, CONCESSION 2 (OTTAWA FRONT) GEOGRAPHIC TOWNSHIP OF GLOUCESTER, CITY OF OTTAWA, SURVEYED BY ANNIS, O'SULLIVAN AND VOLEBEK LTD.

INLET CONTROL DEVICE DATA TABLE: AREA A-1 (INCL. AREAS OS-1 & OS-2)

DESIGN EVENT	ICD TYPE (PLUG TYPE)	ORIFICE STRUCTURE	DRAINAGE AREA (m²)	DESIGN HEAD (m)	DESIGN FLOW (m³/s)	DESIGN WATER ELEVATION (m)	DESIGN WATER VOLUME (m³)	DESIGN AVAILABLE STORAGE
1.2 YR	150mm DIA.	STMM 118	375mm ²	0.62	2.68	61.17	102.4	1086.6m³
1.5 YR	150mm DIA.	STMM 118	375mm ²	0.62	2.88	67.79	124.1	1353.3m³
1.5 YR	150mm DIA.	STMM 118	375mm ²	0.62	2.88	67.79	124.1	1353.3m³

INLET CONTROL DEVICE DATA TABLE: AREA A2 (POND)

DESIGN EVENT	ICD TYPE (PLUG TYPE)	ORIFICE STRUCTURE	DRAINAGE AREA (m²)	DESIGN HEAD (m)	DESIGN FLOW (m³/s)	DESIGN WATER ELEVATION (m)	DESIGN WATER VOLUME (m³)	DESIGN AVAILABLE STORAGE
1.2 YR	150mm DIA.	STMM 118	375mm ²	0.62	2.68	61.17	102.4	1086.6m³
1.5 YR	150mm DIA.	STMM 118	375mm ²	0.62	2.88	67.79	124.1	1353.3m³
1.5 YR	150mm DIA.	STMM 118	375mm ²	0.62	2.88	67.79	124.1	1353.3m³

APPROVED
By Krishna Walker at 9:23 am, Apr 08, 2024

KRISHNA WALKER
PLANNER
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

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.

OWNER INFORMATION
NOKIA CO COLLIERS
181 BAY STREET, SUITE 1400
TORONTO, ONTARIO, M5J 2V1
ERIK CUNNINGTON
PHONE: (416) 920-0155
EMAIL: erik.cunnington@colliers.com

SURVEYOR
ANNIS, O'SULLIVAN, VOLEBEK LTD.
14 CONCOURSE GATE, SUITE 500
OTTAWA, ONTARIO, K2E 7S6
PHONE: (613) 727-0850

CIVIL ENGINEER/LANDSCAPE ARCHITECT
NOVATECH ENGINEERS, PLANNERS & LANDSCAPE ARCHITECTS
240 MICHAEL COWPLAND DRIVE, SUITE 200
OTTAWA, ONTARIO, K2M 1P6
PHONE: (613) 254-9643

NO.	REVISION	DATE	BY
4.	REVISED AS PER CITY COMMENTS	APR 12/24	FST
3.	REVISED AS PER CITY COMMENTS	FEB 14/24	FST
2.	ISSUED FOR SPC APPROVAL	NOV 7/23	FST
1.	PRELIMINARY PLANS ISSUED TO CITY	OCT 29/23	FST

SCALE: 1:400

FOR REVIEW ONLY

DRAWN	CV
CHECKED	FST
DRAWN	CV
CHECKED	FST
APPROVED	FST

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 340 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone: (613) 254-9643
Facsimile: (613) 254-9887
Website: www.novatech-eng.com

LOCATION:
CITY OF OTTAWA
600 MARCH ROAD - NOKIA PARKING LOT EXPANSION

DRAWING NAME:
POST-DEVELOPMENT
STORMWATER MANAGEMENT
PLAN

PROJECT NO.: 121334
REV: #4
121334-SWM

PLAN #1907