## **GENERAL NOTES**

- DESIGN AND CONSTRUCTION IS TO BE IN ACCORDANCE WITH MOST RECENT ONTARIO BUILDING CODE.
- THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS WITH RESPECT TO SITE CONDITIONS AND ALL MATERIALS TO THE PROJECT. ANY DISCREPANCY SHALL BE REPORTED TO THE ENGINEER.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL MATERIAL RELEVANT TO THE PROJECT.
- ADDITIONAL DRAWINGS MAY BE ISSUED FOR CLARIFICATION TO ASSIST PROPER EXECUTION OF WORK. SUCH DRAWINGS WILL HAVE THE SAME MEANING AND INTENT AS IF THEY WERE INCLUDED WITH THE CONTRACT DOCUMENTS.
- 5. DO NOT SCALE DRAWINGS.
- 6. CONTRACTOR MUST COMPLY WITH LOCAL BY-LAWS, CANADIAN CONSTRUCTION SAFETY CODE AND ALL REGULATIONS SET BY AUTHORITIES HAVING JURISDICTION. IN CASE OF CONFLICT OR DISCREPANCY, THE MORE STRINGENT REQUIREMENTS SHALL
- CONTRACTOR RESPONSIBLE FOR OBTAINING ALL REQUIRED UTILITY LOCATES, INSPECTIONS, PERMITS, AND APPROVALS, INCLUDING ALL ASSOCIATED COSTS. LOCATION OF EXISTING UTILITIES ARE APPROXIMATE ONLY AND BASED ON BEST AVAILABLE INFORMATION.
- EXISTING INFRASTRUCTURE INFORMATION IS IN REFERENCE TO TOPOGRAPHICAL SURVEY COMPLETED BY ANNIS O'SHILLIVAN

## **DRAWING NOTES**

OTTAWA DETAIL S11

older: J:\5-Civil\2021\21-5089A - Provenchere\_Roy - MIFO New Building Construction\05 Drawings\1 Ongoing | Drawing: C1 MIFO site plan v24.dwg | Layout: C1 services | Print date: 2:17 PM August 7, 2025

- SUPPLY AND INSTALL NEW 3.0m LONG 150mmØ PERFORATED SUB-DRAINS WRAPPED IN GEOTEXTILE SOCK. EXTEND FROM ASSOCIATED STORM SEWER STRUCTURE AT PAVEMENT SUB-GRADE LEVEL AND PROVIDE WATERTIGHT CONNECTION.
- SUBDRAINS SHOULD BE INSTALLED ON THE SIDES OF THE ACCESS ROAD AND PARKING AREA. SEE GEOTECHNICAL NOTES AND REFER TO GEOTECHNICAL REPORT.
- CONNECT WATER, STORM AND SANITARY SERVICES TO BUILDING INTERIOR 1.0m FROM BUILDING FOUNDATION. REFER TO MECHANICAL PLANS.
- BREAK IN AND CONNECT TO EXISTING SANITARY AND PROVIDE WATERTIGHT CONNECTION. APPROXIMATE INVERT ELEVATION OF EXISTING SEWER: 83.43m; TO BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONNECTION SHALL BE MADE WITH CORE DRILLING. CONNECTION TO BE CONSTRUCTED AS PER CITY OF
- BREAK IN AND CONNECT TO EXISTING STORM SEWER AND PROVIDE WATERTIGHT CONNECTION. APPROXIMATE INVERT ELEVATION OF EXISTING SEWER: 81.38m; TO BE CONFIRMED BY CONTRACTOR. CONNECTION SHALL BE MADE WITH CORE DRILLING.CONNECTION TO BE CONSTRUCTED AS PER CITY OF OTTAWA DETAIL S11
- EXISTING STORM, SANITARY AND WATER SERVICES CONNECTING TO THE EXISTING BUILDING TO BE CAPPED AT MAIN LINE, TO COORDINATE WITH THE CITY OF OTTAWA AND DRINKING WATER SERVICES.
- SUPPLY AND INSTALL NEW OIL GRIT SEPARATOR UNIT (OGS01).

## **DRAWING NOTES CONT.D**

- 07 CONNECT NEW 150mmØ x 75.0m LENGTH WATER SERVICE TO EXISTING WATERMAIN AND PROVIDE WATERTIGHT CONNECTION. APPROX. TOP OF WATERMAIN ELEVATION: 83.74m: TO BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR TO OBTAIN ALL NECESSARY APPROVALS AND PERMITS REQUIRED. CONNECTION TO EXISTING WATERMAIN IS TO BE VIA THE USE OF AN APPROVED PRE-MANUFACTURED TEE.
- **08** INSTALL NEW DROP STRUCTURE PER OPSD 1003.020.
- SUPPLY AND INSTALL NEW INLET CONTROL DEVICE FLOW REGULATOR AT CATCHBASIN CB-1 OUTLET. MAXIMUM DISCHARGE 20 L/s AT 1.67m HEAD AND ORIFICE DIAMETER AT 85mm. TOP OF CB-1 COVER TO BE 50mm ABOVE FINISHED GRADE.
- 10 UNDERGROUND GEOTHERMAL SYSTEM, REFER TO MECHANICAL. CONNECT TRENCH DRAIN TO STORM SEWER.

18.3 l/s AT 1.08m HEAD AND ORIFICE DIAMETER AT 91mm.

- INSTALL HEAVY DUTY PRECAST TRENCH DRAIN COMPLETE WITH COVER, 200mm WIDE AND 2.5m LONG WITH HOT DIPPED GALVANIZED
- SUPPLY AND INSTALL NEW INLET CONTROL DEVICE FLOW REGULATOR AT STORM MANHOLE, STMH-01 INLET. BOTTOM OF ORIFICE TO BE
- INSTALL STORM AND SANITARY SEWER BACKFLOW PREVENTER INSIDE BUILDING PER APPROVED CITY OF OTTAWA PRODUCTS.

FLUSH WITH OUTLET OF 1050mm PIPE INVERT. MAXIMUM DISCHARGE

LIGHT STANDARD DISTRIBUTION, REFER TO ELECTRICAL (TYPICAL). PERFORATED DRAIN TO BE CONNECTED TO STORM NETWORK

Storm Sewer Structure Table								
Manhole No.	Structure OPSD	Top of Frame	Pipe Invert Elevation					
CBMH-03	1200mm Conc Ø	86.55	IN 84.05 OUT 83.99					
CBMH-02	1200mm Conc Ø	86.48	IN 83.87 OUT 83.86					
CBMH-01	1,800mmØ Manhole	86.45	IN 83.75 OUT 82.84					
STMH-01	1,800mmØ Manhole	86.45	IN 82.60 IN 84.26 IN 83.30 OUT 82.57					
OGS01	1200mm Conc Ø	86.39	IN 82.50 OUT 82.44					
CB-01	1200mm Conc Ø	85.97	OUT 84.52					

LEGEND

**y y y** 

⊞ EX-CB

□ CB-#

⊕ EX−CBMH

EXISTING WATERMAIN

NEW LIGHT DUTY ASPHALT

NEW HEAVY DUTY ASPHALT

NEW CONCRETE SIDEWALK

EXISTING CATCHBASIN MANHOLE

EXISTING CATCHBASIN

**NEW CATCHBASIN** 

**NEW GRASS** 

—— SA —— NEW SANITARY SEWER

—— ST —— NEW STORM SEWER

— W — NEW WATERMAIN

## Sanitary Sewer Structure Table

85.58

OUT 84.51

PREFAB

TD1

Manhole No.	Structure OPSD	Top of Frame	Pipe Invert Elevation
SAMH - 01	1200mmØ Conc. Ø	86.48	IN 84.10 OUT 84.00

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED, BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM THEMSELVES OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, PROPERTY LINE AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM. ////////////// EXISTING BUILDING DESIGN PROFESSIONAL'S SEAL OR SIGNATURE IS EFFECTIVE ONLY AS TO THAT VERSION OF THIS DOCUMENT AS ORIGINALLY PUBLISHED BY DESIGN PROFESSIONAL.

DESIGN PROFESSIONAL IS NOT RESPONSIBLE FOR ANY SUBSEQUENT MODIFICATION,
CORRUPTION, OR UNAUTHORIZED USE OF SUCH DOCUMENT. TO VERIFY THE VALIDITY OR EXISTING SANITARY SEWER APPLICABILITY OF THE SEAL OR SIGNATURE, CONTACT DESIGN PROFESSIONA —— ST ——— EXISTING STORM SEWER



8. EXISTING INFRASTRUCTURE INFORMATION IS IN REFERENCE TO TOPOGRAPHICAL SURVEY COMPLETED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. ON JANUARY 6, 2020 AND INFORMATION FROM GEOOTTAWA.	SUPPLY AND INSTALL NEW OIL GRIT SEPARATOR UNIT (OGS01). MINIMUM 80% TSS REMOVAL. STORMCEPTOR EFO4 OR APPROVED EQUAL. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL	PERFORATED DRAIN TO BE CONNECTED TO STORM NETWORK  INSTALL WATERMAIN CROSSING OVER PROPOSED STORM SEWER AS PER CITY OF OTTAWA DETAIL W25.2. ENSURE 0.5m SPACING BETWEEN STORM SEWER AND WATERMAIN. PROVIDE AND INSTALL HI-40 INSULATION AS PER CITY OF OTTAWA DETAIL W22.	Manhole No. Structure OPSD Top of Frame Pipe Invert Elevation  SAMH - 01 1200mmØ Conc. Ø 86.48 IN 84.10 OUT 84.00	CBMH-# NEW CATCHBASIN MANHOLE SAMH-# NEW SANITARY MANHOLE OSTMH-# NEW STORM MANHOLE NEW WATER VALVE	
T\G=85.84	85.96 CB 86.03 T\G=85.92 04 05	T\6\86.29	SA —	+54.83 EXISTING GRADE  +54.76 NEW GRADE  •2.1% NEW SLOPE	
85.73 MH-ST T\G=85.93 T\G=85.93	/ T\G=86.01	Lowest Secondary OHW Elev.=94.3	ST S		15   2025-08-08   DN / WV   ISSUED FOR PERMIT
85.80 Concrete T\G=85.88   85.78   85.78   85.79   85.79   85.79   85.79   85.79	85.97   86.16 86.19   86.29	T\6486.24 86.41 9 86.57	86.45 Elev.=94.85 86.60 86.49 86.45	86.36 Concrete Curb 86.23 86.51 Concrete Curb	T\G=8  14   2025-07-29   DN / WV   SOUMISSION POUR CONTROL DU SITE R5 / ISSUED FOR CIVIL CCN#1 REV. 1
S5.85 \( \text{S5} \) 85.83 \( \text{CB} \) 85.79 \( \text{CB} \) 85.84 \( \text{CB} \) 85.84	5.12 Coectiete Sidewatti	86.53 86.54 86.50 86.59	86.59 86.65 86.61 <del>1</del> 1 14	86.48 Concrete Sidewalk 86.36	13 2025-06-19 DN / WV ISSUED FOR CIVIL CCN#1
85.88 85.73 UP 86.10 86.48 S	86.07 6 6 6 7 1 86 86 W W W W W W W W W W W W W W W W W	86.54 Sign	6 6 86 80 86.62 3 486.74 G — 86.80 86.62 3 486.79 OHW	GOHW GOHW GOHW GOHW GOHW GOHW GOHW GOHW	12 2025-06-10 DN / WV SOUMISSION POUR CONTROL DU SITE R4
86.01 A A A S S S S S S S S S S S S S S S S	86/14, A A A A A A A A A A A A A A A A A A A	\$ 86.48 \$ \$ 6.55 \$ \$ 86.65 \$ 86.65	64 7 0 7 AN (0,6±2South) 2 86.82 7 7 7 86.84 7 7 1 Closest Primary	UP DI	11 2025-05-16 DN / WV SOUMISSION POUR CONTROL DU SITE R3
86.44 86.43 + 86.44 85.99 86.12 86.12	Lewest Secondary OHW 186.50 1 T/G: 86.30	TIGE 8045 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	a cowest Secondary OHW a secondary S	7.8 1 86.47	10 2025-04-10 DN / LA ISSUED FOR CONSTRUCTION - SI #001
86.49 86.25 86.39 86.39 20 US ±to Line	06 Jon 100 NV.: 82.44 N INV.: 82.50 S	SEPAIRAL VOICE		Lowest Secondary ( Elev.=	=94.4
86.20 + Selection C/L Hedge - Selection C/L	3.5m-300mmØSTM. @2.00% — 3.5m-300mmWSTM. @2.00	S 86.68 86.47 Concrete curb 36.40	86.37 86.34 96 86.71	Harman Karana Ka	7 2024-12-20 DN / ZB 100% SOUMISSION R2
86.24 1 86.24 1 86.19 86.24 1	T/G: 86.34 ST ST ST ST INV.: 82.57 N 10.5m-200r Ø SAN. @2.22 10.5m-200r Ø SAN. @2.20 10.5m-200r Ø SAN.	86.62 Asphalt	86.38 86.60 × 86.60 × 86.60 × 86.38	87.83 5.65	** 87.93 6 2022-12-09 DN / ZB SOUMISSION POUR CONTROL DU SITE
2 \ 286.51 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1a INV.: 83.30 E INV.: 84.26 SW	02 65.79 65.79 65.79 65.79 65.79 65.79 65.79 65.79 65.79 65.79 65.79 65.79	86.56 86.63 86.50 86.64 86.76 86.76 86.76 86.76 86.76 86.76 86.76 86.76 86.76 86.76 86.76 86.76	86.70	5 2022-10-28 DN / DS 100% SOUMISSION R1
0.8± East + 86.09	15 SAMH01 T/G: 86.40	86.87 86.87 86.87	Grass 86.67 86.71 86.76 87.786.826.82 × 86.86.71 86.71 86.76 87.786.83 FP 86.83 FP 8	86.69 86.52 86.35 86.92	4 2022-09-30 DN / DS 100% SOUMISSION
31 86 40 AS	09 INV.: 84.10 E INV.: 84.00 W	Top of lower Parapet	86.71 86.70 86.62 86.70 86.63 86.78 86.84 86.84 86.84 86.84 86.84 86.84 86.84 86.84 86.85 86	86.44	
86.53	CB-1 T/G: 86.08	Elev.=91.1 Concrete 86.82 86.79	86.50 86.56 86.56 86.56 86.43	86 02	5.67 / 2 2022-06-17 DN / DS 60% SOUMISSION
+ 86.24 + 86.24	INV.: 84.52 NE 86.68 16	+ 86.84 86.7 Art Installation — 86.7	86.42 86.42 86.42 86.42	86.6	50 / 86 1 2022-03-04 DN / RW PRÉLIMINAIRE 30%
	86.46 S	Finished Floor — Elev.=86.91	e with — T\G=86.25 laques)	86.07 <sub>T</sub> \G=86.05	No. YYYY-MM-DD Eng/Drft. Revision Comments
Asphalt Parking  86.46  86.51  86.61  86.45  C/L Hedge  0.9± East	23.78m	PROPOSED FFE: 87.00  2x0.40  RRD RRD RRD RRD RRD RRD RRD RRD RRD R	Asphalt	86.39 86.05 86.05 86.05 86.05 86.05	49  86  86  86  86  86  AUGUST 08, 2025  ROFESSON  AUGUST 08, 2025
86.28 MH-ST (See Sec. 1) (See Sec. 2) (Sec. 2)	3 4	Door Sill Elev.=86.91 86.31 86	5.78  rete 86 86.5 5.81  6.45  CB T\Q=86.25  86.25  ×86.41	MH-ST T\G=86.33	MIFO 6600 CARRIÈRE STREET, OTTAWA, ONTARIO
86.93		CBMH02	CBMH03 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	11 86.44 A A A A A A A A A A A A A A A A A A	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
86.90 86.52	5	T/G: 86.48  INV.: 83.87 E INV.: 83.86 W	INV.: 84.05 E	TD01 T/G: 85.58	SITE SERVICING PLAN
86.631 86.37 See 55	CBMH01 T/G: 86.45	INV 03.00 W	\	INV.: 84.51 W	1 +80
288.6A - S 188W 186.33	INV.: 83.75 E INV.: 82.84 N ST 21.5m-300mm ST	ST ————————————————————————————————————	ST + ST 33.0m 300mm 2 STM. @1.39%	86.52 86.62 86.62	
86.58	<b>₹</b>		+1 + 1 + 1 + 1 + 1	× 86.60 × 86	
86.35	Tower. — . — . — . — . — . — . — . — . — . —		Gr G	\$6.54 \$6.54 \$6.14	Jp2g Consultants Inc.  ENGINEERS · PLANNERS · PROJECT MANAGERS
		1a T	O Drip Line	1	12 INTERNATIONAL DRIVE, PEMBROKE, ON Phone: (613)735-2507, Fax:(613)735-4513
¥86.31	CLF 86.51	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$.03		1150 MORRISON DRIVE, SUITE 410, OTTAWA, ON Phone: (613)828-7800, Fax: (613)828-2600
86.35 (B(AOG)) 86.35 (C/L Hedge 1.0± North	CLF 286.32 CLF 36.34 0.60 86.48	16			Designed : WV Project No. : 21-5089A
1.0± North  CLF 86.36  0.24 East			EUIZS FRORTH	- + 8633 E W S	Drafted: WV Revision Date: 2025-07-29  Checked: DN Approved: DN Revision No.: 14
86,50 86.47 86,57 0.25 North  30,30 0.25 North  86,35 86.35 86.35	¥86.32 ×86.25 ×86.43			JOHN SEVIGNY C.E.T.  MANAGER (A), DEVELOPMENT REVIEW EAS	Scale : 1:250 21-5089A
1:250 3 0 2 4 6 8 10 m	86.46 CLF 86.51 × 86.51 × 86.51 × 86.51 × 86.51 × 86.51	x = x = x = x = x = x = x = x = x = x =	APPROVED 86.20	PLANNING, DEVELOPMENT & BUILDING SERVI	
0 1:1 5 cm	86.39	7 × 86.48 × 86.45 × 86.37 × 86.36 × 86.28 × 86.14 CIE	By sevignyjo at 4:20 pm, Aug 13,	, <b>2020</b>	C1 MIFO SITE PLAN V24 DWG