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'SULLIVAN, VOLLEBEKK LTD. ON JANUARY 6, 2020 AND INFORMATION FROM

DRAWING NOTES

OTTAWA DETAIL S11

- 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 ONNECT WATER, STORM AND SANITARY SERVICES TO BUILDING
 INTERIOR 1.0m FROM BUILDING FOUNDATION. REFER TO MECHANICAL
- 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).
 MINIMUM 80% TSS REMOVAL. STORMCEPTOR EF04 OR APPROVED

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 I/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

FLUSH WITH OUTLET OF 1050mm PIPE INVERT. MAXIMUM DISCHARGE

- INSTALL STORM AND SANITARY SEWER BACKFLOW PREVENTER INSIDE BUILDING PER APPROVED CITY OF OTTAWA PRODUCTS.
- LIGHT STANDARD DISTRIBUTION, REFER TO ELECTRICAL (TYPICAL). 16 PERFORATED DRAIN TO BE CONNECTED TO STORM NETWORK
- INSTALL WATERMAIN CROSSING OVER PROPOSED STORM SEWER AS

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					
TD1	PREFAB	85.58	OUT 84.51					

Sanitary Sewer Structure Table

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 LEGEND 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 EXISTING SANITARY SEWER —— ST ——— EXISTING STORM SEWER EXISTING WATERMAIN —— SA —— NEW SANITARY SEWER —— ST —— NEW STORM SEWER — W — NEW WATERMAIN

NEW LIGHT DUTY ASPHALT

NEW HEAVY DUTY ASPHALT

NEW CONCRETE SIDEWALK

EXISTING CATCHBASIN MANHOLE

NEW CATCHBASIN MANHOLE

EXISTING CATCHBASIN

NEW CATCHBASIN

NEW GRASS

y y y

⊞ EX-CB

□ CB-#

⊞ CBMH-#

⊕ EX−CBMH

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VOLLEBEKK LTD. ON JANUARY 6, 2020 AND INFORMATION FROM GEOOTTAWA.	EQUAL. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL	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.	SAMH - 01 1200mmØ Conc. Ø 86.48 IN 84.10 OUT 84.00		TARY MANHOLE M MANHOLE R VALVE		
85.89 85.97 MH-ST T\G=85.84	SA 250mmø conc. Sanitary se Wer SA	——————————————————————————————————————	SA	+54.83 EXISTING 6 +54.76 NEW GRAD NEW SLOPE	E		
85.7 S85.96 S85.96 S85.96 S85.96	ST 86.00 ST	86.32 ST ———————————————————————————————————	ST	86.46		15 2025-08-08 DN / WV	ISSUED FOR PERMIT
85.73 T\G=85.93 WV S5.80 Concrete T\G=85.88 85.78	/ T\G=86.01 85.97	Elev.=94.3 CB T\GA86.24 86.41	Lowest OHW 86.45 Elev.=94.85		h 86.23 T\G=8	14 2025-07-29 DN / WV	SOUMISSION POUR CONTROL DU SITE R5 / ISSUED FOR CIVIL CCN#1 REV. 1
85.85 S 85.83 T\G=85.69	86.29 30.12 86.29 86.29 86.29 86.29 86.29 86.29	#6.28 W86.54 86.50 86.53 86.50 86.59	86.59		te Sidewalk 86.36	13 2025-06-19 DN / WV	ISSUED FOR CIVIL CCN#1
66.09 они 36.18 85.73 UP 86.18 85.73 UP 86.18	86 07 1	05, *86,41 *	86.65 86.81 36.62 3 86.74 G 86.80 86.80 3 G S S S S S S S S S S S S S S S S S S	86.545 38 Golw G	7 86.33 86.40 86.40 G OHW G OHW	12 2025-06-10 DN / WV	SOUMISSION POUR CONTROL DU SITE R4
86.45 86.01 AV A S S S S S S S S S S S S S S S S S	OHW OHW OHW	5 86.48 1 0HW 10HW 1 86.62 0HW	OHW OHW OHW OHW OHW A 70HW A 70HW OHW A 70HW	OHW UP DI PHW 85.84 DI #85.58	OHW OHW OHW OHW	11 2025-05-16 DN / WV	SOUMISSION POUR CONTROL DU SITE R3
86.44 86.43 × 86.22 86.12 85.99 86.12	Lewest Secondary OHW 486.30 4 4 5 1 T/G: 86.30	86.55 MHA 86.57 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	AN (O ₂ 0± Sou(II)) 86.82 7 7 7 86.79 7 7 7 Closest Primary	(OHW) 48) 18 48) 18 48) 18 48)	86.57	10 2025-04-10 DN / LA	ISSUED FOR CONSTRUCTION - SI #001
86.25 86.25 86.39 86.39 86.25 86.25 86.25 86.25 86.25 86.25	06 5 INV.: 82.44 N INV.: 82.50 S	St Pril arv QHW	**************************************		Lowest Secondary OHW Elev.=94.4	9 2025-03-25 DN / WV	SOUMISSION POUR CONTROL DU SITE R2
86.22 6.88 C/L Hedge	3.5m-300mmØSTM. (2.00%) STMH01	S 200.54 86.47 Concrete Curb 36.40	6.37 86.34 [©] 86.71		Closest Primary OHWX	8 2025-01-13 DN / ZB	ISSUED FOR TENDER
86.20 + = = = = = = = = = = = = = = = = = =	T/G: 86.34 INV.: 82.57 N OR 12.0m-250 nd/ STM. @2.00% ST S	14 86.62 Asphalt	88 88 88 88 98 98 98 98 98 98 98 98 98 9	83.60 V	+ 87.83 + 87.93	7 2024-12-20 DN / ZB	100% SOUMISSION R2
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11a INV.: 83.30 E INV.: 84.26 SW	86.81	86.56 86.63 86.74	6.70		6 2022-12-09 DN / ZB	SOUMISSION POUR CONTROL DU SITE
C/L Hedge 0.8± East 86.09	15 SAMH01 T/G: 86.40	14 91 80 —	Grass 86.67 86.71 86.76 86.78 86.82 2 86.86 86.71 8	86.50 86.69 86.52 86.35	1 1 1 86 92 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	5 2022-10-28 DN / DS	100% SOUMISSION R1 100% SOUMISSION
	1NV.: 84.10 E INV.: 84.00 W	Top of lower Parapet	86.71 86.62 86.71 86.62 86.73 86.83 86.83 86.51 86.63	9998 88 i	86.44	4 2022-09-30 DN / DS 3 2022-09-02 DN / DS	99% SOUMISSION
86.40	CB-1 T/G: 86.08	Elev.=91.1 Concrete 86.82 86.79	86.59 86.50 86.56 86.56 86.56 86.56 86.43		86.67	2 2022-06-17 DN/DS	60% SOUMISSION
+86.24 +86.24	INV.: 84.52 NE 5.66 186.68	Artinstallation — 86.70	86.42 86.38 86.42 86.38		86.60 / 86 1 Solution 1 Solu	1 2022-03-04 DN / RW	PRÉLIMINAIRE 30%
1 80.5.7 B	\$5.46 7,80	Finished Floor Elev.=86.91	e with — T\G=86.25	The Start	86.07 CB T\G=86.05 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 Crate & W 90.50m W 100.4m	PROPOSED FFE: 87.00 2x0.4Ø 2x0.4Ø 86.86 0.00 86.80	86.88 Asphalt 86.43 86.42 86.42	48 86.53	86.05 86.62 86.49 86.49 86.49 86.49	D.NGUYEN 100053149 AUGUST 08, 2025	C BLOWEER CH.
5.97 86.28 MH-ST T\G=86.14 T\G=86.14 86.21 T\G=86.27 86.24 86.37 86.31 86.31 86.31 86.31 86.31 86.31	3	Door Sill 86.91 86	86.88 78 te 86 86.25 CB CB CB Se 86.25 86.25 X 86.41	1 86.55 86.44	086.33 S A 86.61 S 86.	ОТТ	MIFO ARRIÈRE STREET, AWA, ONTARIO
86.90 86.52 86.60 86.55 86.55 86.438 86.58 7	CBMH01 T/G: 86.45 NO ACCESS INV.: 82.84 N ST 21.5m-300mmØ STN	INV.: 83.87 E INV.: 83.86 W	INV.: 84.05 E INV.: 83.99 W ST	TD01 T/G: 85.58 INV.: 84.51 W 86.52 86.62	286.60 X 86.68 X 86.68		SERVICING PLAN
W +86.24 W 26.37 W 486.36 R6.35 R6.3	Tower = 123.3± 01 86.51	1a 01 01 01 01 01 01 01 01 01 01 01 01 01	######################################	* * * * * * * * * * * * * * * * * * *		J2 Jp2g ENGINEER	Consultants Inc. RS • PLANNERS • PROJECT MANAGERS 12 INTERNATIONAL DRIVE, PEMBROKE, ON Phone: (613)735-2507, Fax: (613)735-4513 1150 MORRISON DRIVE, SUITE 410, OTTAWA, ON Phone: (613)828-7800, Fax: (613)828-2600
86.338 86.35 86.49 86.35 C/L Hedge	CLF 286.32 0.60 0.60 86.48	16			V / 18	Designed : WV	Project No. : 21-5089A
1.0± North CLF 86.36 0.24 East			DIZS NORTH			Drafted : WV Checked : DN Approve	Revision Date : 2025-07-29 ed : DN
86.50 86.47 86.57 ₄₅ 0.25 North	¥86.32		The second secon	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	SEVIGNY C.E.T. VELOPMENT REVIEW EAST	Scale : 1:250	21-5089A
1:250 0 2 4 6 8 10 m 0 1:1 5 cm	86.46 86.46	× — × — × — × — × — × — 86.27 Drip Line 86.03 86.01 86.01 × — × — × — × — × — × — × — 86.28 × — × — × — × — × — × — × — × — × — ×	APPROVED 86.09 By sevignyjo at 4:20 pm, Aug 13,	PLANNING, DEVELO	PMENT & BUILDING SERVICES NT, CITY OF OTTAWA 86.72		C1