



GENERAL NOTES

- 1. THE ORIGINAL TOPOGRAPHY, GROUND ELEVATION AND SURVEY DATA SHOWN ARE SUPPLIED FOR INFORMATION PURPOSES ONLY, AND IMPLY NO GUARANTEE OF ACCURACY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL INFORMATION SHOWN.
- 2. THIS PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS. THE PROPERTY BOUNDARIES SHOWN HEREON HAVE BEEN DERIVED INFORMATION SUPPLIED BY (OR SHOWN ON) J.D. BARNES DRAWING 22-10-111-00 AND CANNOT BE RELIED UPON TO BE ACCURATE OR COMPLETE. THE PRECISE LOCATION OF THE CURRENT PROPERTY BOUNDARIES AND EASEMENTS CAN ONLY BE DETERMINED BY AN UP-TO-DATE LAND TITLES SEARCH AND A SUBSEQUENT CADASTRAL SURVEY PERFORMED AND CERTIFIED BY AN ONTARIO LAND SURVEYOR.
- . THE CONTRACTOR IS TO OBTAIN AND PAY FOR ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY BEFORE COMMENCING CONSTRUCTION.
- 4. THE CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT. THE CONTRACTOR IS TO DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME ALL RESPONSIBILITY FOR EXISTING UTILITIES WHETHER OR NOT SHOWN ON THESE DRAWINGS. IF THERE IS ANY

DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE

ENGINEER PROMPTLY. 6. RESTORE ALL TRENCHES AND SURFACES OF PUBLIC ROAD ALLOWANCES TO CONDITION EQUAL OR BETTER THAN ORIGINAL CONDITION AND TO THE SATISFACTION OF THE CITY AUTHORITIES.

INV = 93.77

- . EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER AND THE CITY.
- 8. TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- 9. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- 10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY,

INSTALLATION, AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS.

- 11. DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE ENGINEER/CITY.
- 12. ALL ROADWAY, PARKING LOT, AND GRADING WORKS TO BE UNDERTAKEN IN ACCORDANCE WITH CITY STANDARDS AND SPECIFICATIONS. THE CONTRACTOR IS TO PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING
- 13. CONTACT THE CITY FOR INSPECTION OF ROUGH GRADING OF PARKING LOTS, ROADWAYS AND LANDSCAPED AREAS PRIOR TO PLACEMENT OF ASPHALT AND TOPSOIL. ALL DEFICIENCIES NOTED SHALL BE RECTIFIED TO THE CITY'S SATISFACTION PRIOR TO PLACEMENT OF ANY ASPHALT, TOPSOIL, SEED & MULCH AND/OR SOD.
- 14. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION, IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
- 15. ELECTRICAL, GAS, TELEPHONE AND TELEVISION SERVICE LOCATIONS ARE SUBJECT TO THE INDIVIDUAL AGENCY: • ELECTRICAL SERVICE - HYDRO ONE, • GAS SERVICE - ENBRIDGE, • TELEPHONE SERVICE - BELL CANADA, • TELEVISION SERVICE - ROGERS.
- 16. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES HYDRO ONE, BELL AND THE CITY.
- 17. CONTRACTOR TO ENSURE ALL APPLICABLE OPS SPECIFICATIONS ARE FOLLOWED DURING CONSTRUCTION
- 18. ALL PROPOSED CURB TO BE CONCRETE BARRIER CURB UNLESS OTHERWISE SPECIFIED. 19. THIS PLAN MUST BE READ IN CONJUNCTION WITH
- THE GEOTECHNICAL INVESTIGATION COMPLETED BY PATERSON GROUP, DATED MAY 16, 2023.

WATERMAIN NOTES

- 1. CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH (STANDARDS AND SPECIFICATIONS, AS WEL CITY STANDARDS. 2. WATERMAINS AND/OR WATER SERVICES
- HAVE A MINIMUM COVER OF 2.4m. OTHE THERMAL INSULATION IS REQUIRED AS PE STANDARDS (IF AVAILABLE) OR OPSD 1109 3. IF THE WATERMAIN MUST BE DEFLECTED ALIGNMENT, ENSURE THAT THE AMOUNT
- DEFLECTION USED IS EQUAL TO OR LESS TH THAT WHICH IS RECOMMENDED BY THE MANUFACTURER.
- 4. THERMAL INSULATION OF WATERMAINS STRUCTURES AS PER CITY STANDARDS (IF AVAILABLE) OR OPSD 1109.030. 5. VALVES TO BE OPERATED BY CITY STAFF O
- 6. NO CONNECTION TO EXISTING WATER NET SHALL BE COMPLETED UNTIL A WATER PE OBTAINED FROM THE CITY. CITY TO BE PRI FOR WATERMAIN CONNECTION. CONNECT EXCAVATION, BACKFILLING AND REINSTAT TO BE COMPLETED BY CONTRACTOR.
- 7. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ANY WATERM CONNECTION(S) REQUIRED. THIS SHALL BE COMPLETED IN THE PRESENCE OF A DESIG MUNICIPAL WATER OPERATOR AND THE SE CONTRACTOR SHALL PROVE TO THE SATISF OF THE CITY THAT THEY ARE COMPETENT PERFORM THE WORKS PRIOR TO INITIATIN CONSTRUCTION.
- 8. CONCRETE THRUST BLOCKS TO CONFORM OPSD 1103.010 AND OPSD 1103.020.
- 9. ALL WATERMAIN TO BE CLASS 150 DR-18 APPROVED EQUIVALENT.
- 10. ALL WATERMAIN TO BE EQUIPPED WITH T WIRE. 11. ALL SERVICES BENEATH PRIVATE ENTRANC
- WALKWAYS, AND STRUCTURES ARE TO BE SLEEVED.

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			SAN STRU	CTURE TAB	LE		\square	CEDAR ROAD	ROTHWELLD	ROTHWELL CIRCLE				
	NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION		(\square	ROTHW		MARO		
	MH1A	96.41	\$90.317	NW90.280	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24			ŀ				MARQUIS AVENUE		
	STM STRUCTURE TABLE								MONTREAL	SUBJECT	SITE			
	NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION		<u></u>	SUMAC ST		ROAD				
	CB1	92.80	SW90.580	N90.549	STRUC: OPSD 705.010 FRAME: CITY S19 COVER: CITY S19 C/W CB SHIELD	<u> </u>		PLAN						
	CB6	95.88		\$94.856	STRUC: OPSD 705.010 FRAME: CITY S19 COVER: CITY S19			CONCRETE BARRIE				F CONSTRUCTION		
	СВМН2	91.83	\$90.330 \$94.090	N90.300 NE90.734	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24.1)LSCB#	CONCRETE WALKWAY PAVER WALKWAY PROPOSED ASPHALT LANDSCAPING CATCHE		95 <u>.</u> 50		GE SWALE		
	CBMH4	96.29			STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S28.1 C/W EXTERNAL DROP STRUCTURE PER OPSD 1003.010				_		SLOPINO	GE DITCH 3 AT 3:1 SPECIFIED E ELEVATION		
	LSCB7	91.84		NW90.150	PER CITY STANDARD S31)CBMH# T/G	CATCHBASIN MAN	HOLE	×95.50 ×(s)		ELEVATION		
	LSCB8	93.98		NW90.240 E94.228 E94.545 E94.907	PER CITY STANDARD S31		CB# T/G MH#A T/G HYD B/F	CATCHBASIN SANITARY SEWER MANI FIRE HYDRANT WATER VALVE WATER METER		×T/W 95.50 B/W 94.25	BOTTOM	WALL ELEVATION 1 OF WALL ELEVATIO		
	LSCB9	95.11 95.06			PER CITY STANDARD S31				MANHOLE			ND FLOW ROUTE		
	LSCB10				PER CITY STANDARD S31							BALE CHECK DAM		
	LSCB11	95.68			PER CITY STANDARD S31	€ ∭								
	LSCB12	91.89		E90.550	PER CITY STANDARD S31			REMOTE WATER N	1ETER					
	MH 3	92.47	SE90.560 SW90.520	NE90.086	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24.1			RETAINING WALL						
	MH5	91.49	SW89.950	NE89.922	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24.1									
		CR	OSSING C	ONFLICT T	ABLE									
	LOCATION	1		RIPTION ERVICE TOP 92.	SEPARATION	J								
-	1	1	250mmØ STM : 50mmØ WTR S	SEWER INV 95.6 ERVICE TOP 93	2.37 31 2.25	-								
ie [3	2	200mmØ STM S	SEWER INV 95.5 ERVICE INV 90. ERVICE TOP 90.	65 0.30									
-1.						2	1 ISSUED FOR SITE PLAN CONTROL					OCT. 05, 2023 MAY 30, 2023		
						No. Che	ck and	verify all dimens	Revisions sions		Do no	Date t scale drawings		
						befo	-	eeding with the	work		Do no			
							SCAL	E 1:200	10			20 Metres		
							N	1cIN	тоя	сн Ре	RI	RY		
	S SEWER NOTES: 1. CONSTRUCT ALL SEWERS, CATCH BASINS, MANHOLES AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY.							115 Walgreen Road, RR3, Carp, ON KOA 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com						
NT O 5 THA E	VISE CITY 30. MEET F	 SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE. BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A", COMPACTED TO MINIMUM 95% STANDARD PROCTOR DRY DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED. SUB-BEDDING, IF REQUIRED SHALL CONSIST OF 450mm OF COMPACTED GRANULAR "B" TYPE 1. BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR GRANULAR "B" TYPE 1. TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL (FROM PAVEMENT SUBGRADE 					Stamp: Stamp:					WSON 2243		
	VORK 1IT IS	 TO 2.0 METRES BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS. 3. SANITARY SEWERS AND CONNECTIONS 150mmØ AND SMALLER TO BE PVC SDR-28. 4. SEWERS AND CONNECTIONS 200mmØ AND LARGER 				Clier	Client: CSV ARCHITECTS 190 O'CONNOR STREET, SUITE 100 OTTAWA, ON K2P 2R3							
RMA BE SIGN/ E SEL	NENT N ATED ECTED CTION	 TO BE PVC SDR-35. BEDDING TO BE TYPE "B" EXCEPT AT RISERS, UNLESS NOTED OTHERWISE. 5. INSULATE ALL STORM AND SANITARY SEWERS/SERVICES THAT HAVE LESS THAN 2.0m OF COVER WITH THERMAL INSULATION AS PER OPSD 1109.030. 6. SEWER CONNECTIONS ARE TO BE MADE ABOVE THE SPRINGLINE OF THE SEWERMAIN AS PER CITY OF OTTAWA STANDARD DRAWING S11, S11.1 & S11.2. 				Proje	Project: 9-STOREY APARTMENT BUILDING 1815 MONTREAL ROAD							
TING RM TO)	 SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 1.0m OF BUILDING. ALL ENDS OF SERVICES TO BE PROPERLY CAPPED AND LOCATED WITH 2"x4"X8' LONG MARKER. 				Drav	ving Title:							
.8 OF	ACER	 CONTRACTOR TO TELEVISE (CCTV) ALL PROPOSED SEWERS ON SITE, OUTLET CONNECTION TO THE MAIN AND PIPES 150mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND 					SITE SERVICING PLAN							
NCES BE	o,		CLEAN ALL S 9. DYE TESTING	EWERS & APPURT	ENANCES. TED ON SANITARY	Scal	e:	1:200	Project Num	ber:				
		SERVICE TO CONFIRM PROPER CONNECTION TO SANITARY SEWER MAIN. 11. ALL SERVICES BENEATH PRIVATE ENTRANCES,				Drav	Drawn By: FV			-23-3469				
					S ARE TO BE SLEEVED.	Cheo	cked By:	HL	Drawing Nur	nber:				
						Deci	aned By:		1			C102		

Designed By:

FV

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