

	SAN STRUCTURE TABLE				
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION	
MH1A	96.31	\$90.317	NW90.280	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24	

	STM STRUCTURE TABLE				
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION	
CB1	92.82	SW91.120	N91.087	STRUC: OPSD 705.010 FRAME: CITY S19 COVER: CITY S19	
CB6	95.85		S94.861	STRUC: OPSD 705.010 FRAME: CITY S19 COVER: CITY S19	
СВМН4	96.05	SW94.860	N90.736	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S28.1 C/W EXTERNAL DROP STRUCTURE PER OPSD 1003.010	
СВМН7	90.25	\$89.820	NW89.793	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S28.1 C/W 90mm ORIFICE AT OUTLET	
MH 3	92.16	E90.560 S90.560	NE90.536	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24.1	
MH2	91.97	\$90.650	N90.626	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24.1	
MH5	91.42	SW90.220	NE90.203	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24.1	

	CROSSING CONFLICT TABLE	
LOCATION	DESCRIPTION	SEPARATION
1	150mmØ WTR SERVICE TOP 92.24 250mmØ STM SEWER INV 95.68	2.37
2	150mmØ WTR SERVICE TOP 93.31 250mmØ STM SEWER INV 95.56	2.25
3	200mmØ STM SERVICE INV 90.65 150mmØ SAN SERVICE TOP 90.32	0.33

SEWER NOTES:

OTHERWISE.

1. CONSTRUCT ALL SEWERS, CATCH BASINS, MANHOLES

2. SEWER TRENCHING AND BEDDING SHALL CONFORM

TO OPSD 802.010 AND 802.013 UNLESS NOTED

2.1. BEDDING SHALL BE A MINIMUM 150mm OF

BEDDING SHALL NOT BE PERMITTED.

2.3. BACKFILL TO AT LEAST 300mm ABOVE TOP OF

2.4. TO MINIMIZE DIFFERENTIAL FROST HEAVING,

MATCH EXISTING SOIL CONDITIONS.

SMALLER TO BE PVC SDR-28.

3. SANITARY SEWERS AND CONNECTIONS 150mmØ AND

4. SEWERS AND CONNECTIONS 200mmØ AND LARGER

AT RISERS, UNLESS NOTED OTHERWISE.

5. INSULATE ALL STORM AND SANITARY

7. SUPPLY AND INSTALL ALL PIPING AND

LONG MARKER.

TO BE PVC SDR-35. BEDDING TO BE TYPE "B" EXCEPT

SEWERS/SERVICES THAT HAVE LESS THAN 2.0m OF

COVER WITH THERMAL INSULATION AS PER OPSD

6. SEWER CONNECTIONS ARE TO BE MADE ABOVE THE

SPRINGLINE OF THE SEWERMAIN AS PER CITY OF

APPURTENANCES AS SHOWN AND DETAILED TO

WITHIN 1.0m OF BUILDING. ALL ENDS OF SERVICES TO

SEWERS ON SITE, OUTLET CONNECTION TO THE MAIN

COURSE ASPHALT. UPON COMPLETION OF CONTRACT,

AND PIPES 150mmØ OR GREATER PRIOR TO BASE

THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND

BE PROPERLY CAPPED AND LOCATED WITH 2"x4"X8'

OTTAWA STANDARD DRAWING S11, S11.1 & S11.2.

AND APPURTENANCES IN ACCORDANCE WITH OPSD

STANDARDS AND SPECIFICATIONS, AS WELL AS CITY.

GRANULAR "A", COMPACTED TO MINIMUM 95%

SUB-BEDDING, IF REQUIRED SHALL CONSIST OF

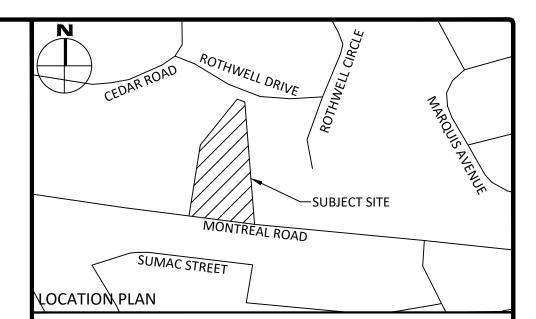
450mm OF COMPACTED GRANULAR "B" TYPE 1.

PIPE WITH GRANULAR "A" OR GRANULAR "B"

TRENCH BACKFILL (FROM PAVEMENT SUBGRADE

TO 2.0 METRES BELOW FINISHED GRADE) SHALL

STANDARD PROCTOR DRY DENSITY. CLEAR STONE



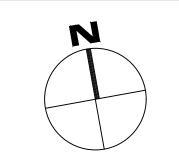
LEGEND			
	CONCRETE BARRIER CURB		LIMIT OF CONSTRUCTIO
4 · 4 · 4	CONCRETE WALKWAY		- DRAINAGE SWALE
	PROPOSED ASPHALT		DRAINAGE DITCH
OLSCB#	LANDSCAPING CATCHBASIN		SLOPING AT 3:1 UNLESS SPECIFIED
CBMH#	CATCHBASIN MANHOLE	95 <u>.</u> 50	SURFACE ELEVATION
■CB# T/G	CATCHBASIN	×95.50 (s)	SWALE ELEVATION
MH#A T/G	SANITARY SEWER MANHOLE	T/W 95.50 B/W 94.25	TOP OF WALL ELEVATIO BOTTOM OF WALL ELEV
- <mark>→-</mark> HYD B/F	FIRE HYDRANT	\leftarrow	OVERLAND FLOW ROUT
€	WATER VALVE	-	SILT FENCE BARRIER
⋈	WATER METER		STRAW BALE CHECK DAI
€ M	REMOTE WATER METER	0000	MUD MAT
	RETAINING WALL		

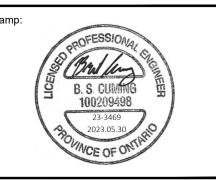
1	ISSUED FOR SITE PLAN CONTROL	MAY 30, 2023
No.	Revisions	Date
Chec befor	Check and verify all dimensions before proceeding with the work Do not	

SCALE 1:200

McINTOSH PERRY

115 Walgreen Road, RR3, Carp, ON KOA 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com





CSV ARCHITECTS 190 O'CONNOR STREET, SUITE 100 OTTAWA, ON K2P 2R3

9-STOREY APARTMENT BUILDING

1815 MONTREAL ROAD

SITE SERVICING PLAN

1:200 CCO-23-3469 Designed By:

WATERMAIN NOTES

 CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY STANDARDS.

STM @ 4.00%

- 2. WATERMAINS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m. OTHERWISE THERMAL INSULATION IS REQUIRED AS PER CITY STANDARDS (IF AVAILABLE) OR OPSD 1109.030.
- 3. IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS EQUAL TO OR LESS THAN THAT WHICH IS RECOMMENDED BY THE MANUFACTURER.
- 4. THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES AS PER CITY STANDARDS (IF AVAILABLE) OR OPSD 1109.030.
- 5. VALVES TO BE OPERATED BY CITY STAFF ONLY. 6. NO CONNECTION TO EXISTING WATER NETWORK SHALL BE COMPLETED UNTIL A WATER PERMIT IS OBTAINED FROM THE CITY. CITY TO BE PRESENT FOR WATERMAIN CONNECTION. CONNECTION, EXCAVATION. BACKFILLING AND REINSTATEMENT

TO BE COMPLETED BY CONTRACTOR.

- 7. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ANY WATERMAIN CONNECTION(S) REQUIRED. THIS SHALL BE COMPLETED IN THE PRESENCE OF A DESIGNATED OF THE CITY THAT THEY ARE COMPETENT TO
- 8. CONCRETE THRUST BLOCKS TO CONFORM TO

 - APPROVED EQUIVALENT.
- MUNICIPAL WATER OPERATOR AND THE SELECTED CONTRACTOR SHALL PROVE TO THE SATISFACTION PERFORM THE WORKS PRIOR TO INITIATING
 - OPSD 1103.010 AND OPSD 1103.020.
 - 9. ALL WATERMAIN TO BE CLASS 150 DR-18 OR
 - 10. ALL WATERMAIN TO BE EQUIPPED WITH TRACER
- 8. CONTRACTOR TO TELEVISE (CCTV) ALL PROPOSED
 - 9. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO SANITARY SEWER MAIN.

CLEAN ALL SEWERS & APPURTENANCES.