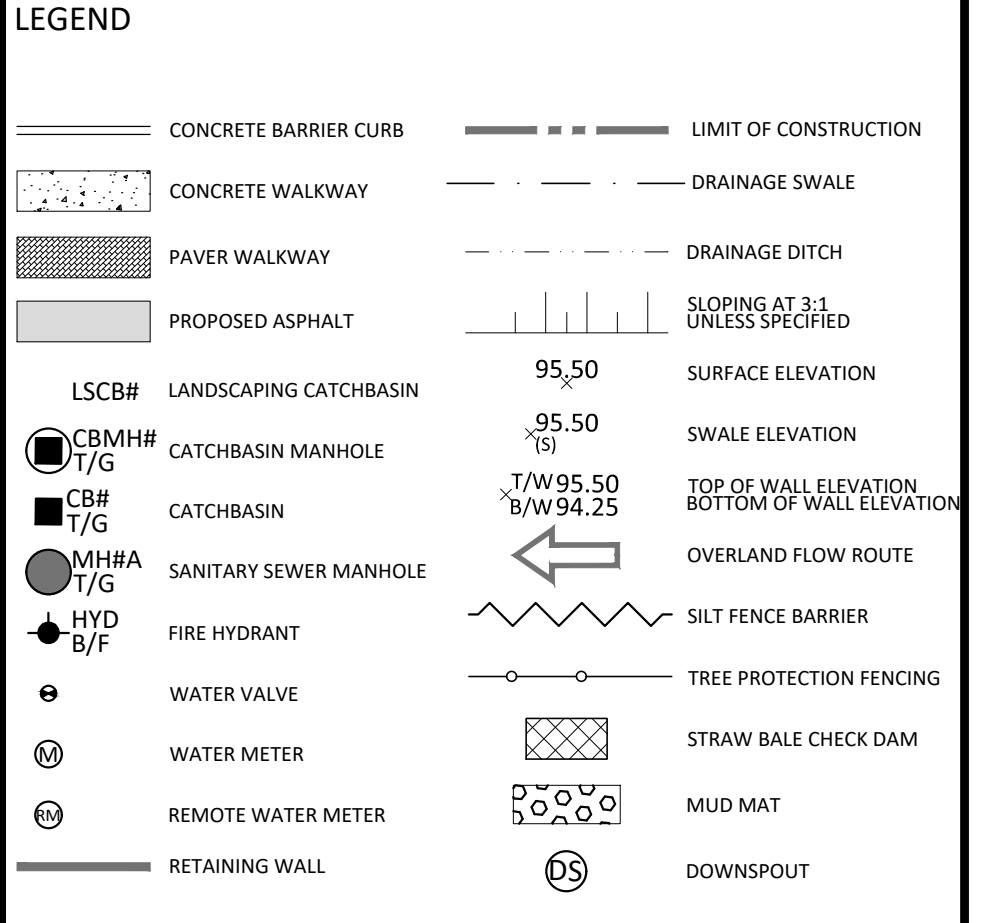
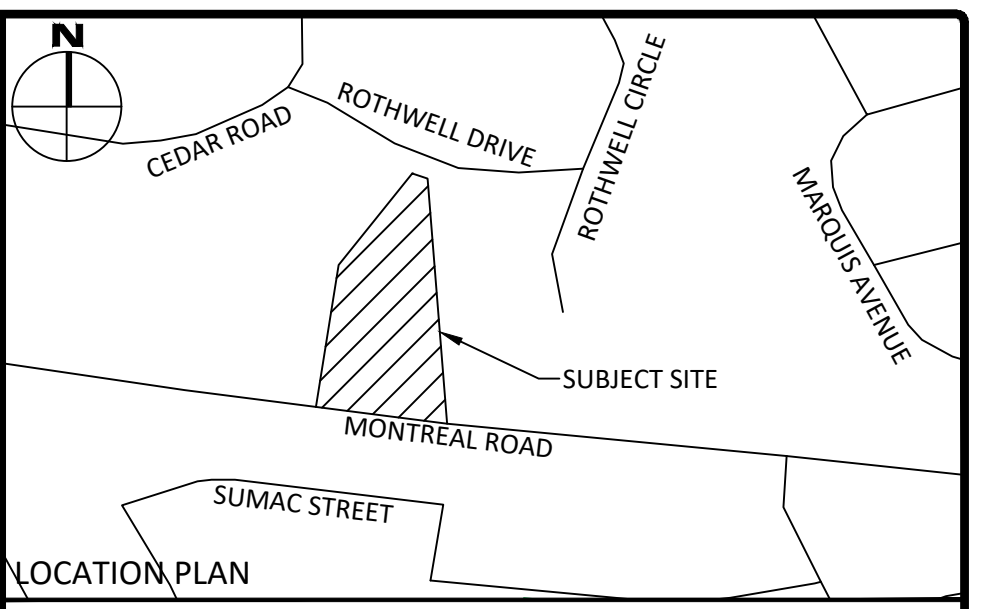


SAN STRUCTURE TABLE				
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
MH1A	96.43	E95.170	NW95.137	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24

STM STRUCTURE TABLE				
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
AD9	95.07		E91.770	AREA DRAIN (OUTLET TO GRADE)
AD10	95.20		E91.960	AREA DRAIN (OUTLET TO GRADE)
AD11	95.32		E93.440	AREA DRAIN (OUTLET TO GRADE)
CB1	89.92	SW87.900	N87.766	STRUC: OPSD 705.010 FRAME: CITY S19 COVER: CITY S19 C/W CB SHIELD
CB4	89.59		S87.890	STRUC: OPSD 705.010 FRAME: CITY S19 COVER: CITY S19
CB6	95.90	W94.920	S94.888	STRUC: OPSD 705.010 FRAME: CITY S19 COVER: CITY S19
CB7	91.84		NW90.152	STRUC: OPSD 705.010 FRAME: CITY S19 COVER: CITY S19
CB8	93.98		NW90.628	STRUC: OPSD 705.010 FRAME: CITY S19 COVER: CITY S19
CBMH2	89.80	N87.765	S87.750	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S28.1
CBMH4	96.29	S94.085	NE90.810	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S28.1 C/W EXTERNAL DROP STRUCTURE PER OPSD 1003.010
CBMH13	89.88	S87.580 N87.575	W87.550	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S28.1
CBMH14	89.86	N87.630	S87.600	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S28.1
LSCB12	95.99		E94.998	PER CITY STANDARD S31
MH3	92.36	SE90.460 SW90.443	NE90.410	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24.1
MH5	91.45	SW90.114 SE90.110	NE90.069	STRUC: OPSD 701.010 FRAME: CITY S25 COVER: CITY S24.1

CROSSING CONFLICT TABLE		
LOCATION	DESCRIPTION	SEPARATION
1	150mm WTR SERVICE TOP 92.24 250mm STM SERVICE INV 95.68	2.37
2	150mm WTR SERVICE TOP 93.31 250mm STM SERVICE INV 95.56	2.25
3	200mm STM SERVICE TOP 94.48 150mm SAN SERVICE INV 95.13	0.65



2 SITE SERVICING PLAN
1:200

GENERAL NOTES

- 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.
- THIS PLAN IS NOT A CADASTRAL SURVEY SHOWING LEGAL PROPERTY BOUNDARIES AND EASEMENTS. THE PROPERTY BOUNDARIES SHOWN HEREON HAVE BEEN DERIVED FROM 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.
- 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.
- 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.
- EXCAVATE AND DISPOSE OF ALL EXCESS EXCAVATED MATERIAL, SUCH AS ASPHALT, CURBING AND DEBRIS, OFF SITE AS DIRECTED BY THE ENGINEER AND THE CITY.
- TOPSOIL TO BE STRIPPED AND STOCKPILED FOR REHABILITATION. CLEAN FILL TO BE PLACED IN FILL AREAS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY.
- ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY,

WATERMAIN NOTES

- DO NOT ALTER GRADING OF THE SITE WITHOUT PRIOR APPROVAL OF THE ENGINEER/CITY.
- 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.
- 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 SOIL.
- ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION. IF THERE IS ANY DISCREPANCY THE CONTRACTOR IS TO NOTIFY THE ENGINEER PROMPTLY.
- 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.
- INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES (HYDRO ONE, BELL AND THE CITY).
- CONTRACTOR TO ENSURE ALL APPLICABLE OPS SPECIFICATIONS ARE FOLLOWED DURING CONSTRUCTION.
- ALL PROPOSED CURB TO BE CONCRETE BARRIER CURB UNLESS OTHERWISE SPECIFIED.
- THIS PLAN MUST BE READ IN CONJUNCTION WITH THE GEOTECHNICAL INVESTIGATION COMPLETED BY PATERSON GROUP, DATED MAY 16, 2023.
- ALL WATERMAIN TO BE CLASS 150 DR-18 OR APPROVED EQUIVALENT.
- ALL WATERMAIN TO BE EQUIPPED WITH TRACER WIRE.
- ALL SERVICES BENEATH PRIVATE ENTRANCES, WALKWAYS, AND STRUCTURES ARE TO BE SLEEVED.

SEWER NOTES:

- CONSTRUCT ALL SEWERS, CATCH BASINS, MANHOLES AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY STANDARDS.
- SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.030 AND 802.133 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 TO 2.0 METERS BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS.
- SANITARY SEWERS AND CONNECTIONS 150mm AND SMALLER TO BE PVC SDR-28.
- SEWERS AND CONNECTIONS 200mm AND LARGER TO BE PVC SDR-35. BEDDING TO BE TYPE "B" EXCEPT AT RISERS, UNLESS NOTED OTHERWISE.
- INSULATE ALL STORM AND SANITARY SEWERS SERVICES THAT HAVE LESS THAN 2.0m OF COVER WITH THERMAL INSULATION AS PER OPSD 1109.030.
- SEWER CONNECTIONS ARE TO BE MADE ABOVE THE SPRINGLINE OF THE SEWERMAIN AS PER CITY OF OTTAWA STANDARD DRAWING 111, S11.1 & S11.2.
- 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" LONG MARKER.
- CONTRACTOR TO TELEVIEW (CTV) ALL PROPOSED SEWERS ON SITE, OUTLET CONNECTION TO THE MAIN AND PIPES 150mm OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
- DYE TESTING IS TO BE COMPLETED ON SANITARY SEWERS TO CONFIRM PROPER CONNECTION TO SANITARY SEWER MAIN.
- ALL SERVICES BENEATH PRIVATE ENTRANCES, WALKWAYS, AND STRUCTURES ARE TO BE SLEEVED.

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Stamp:

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

Project:
9-STOREY APARTMENT BUILDING
 1815 MONTREAL ROAD

Drawing Title:
SITE SERVICING PLAN

Scale: 1:200	Project Number: CCO-23-3469
Drawn By: FV	Checked By: JH
Designed By: FV	Drawing Number: C102

FILENAME: U:\Cityworks\01 Project - Proposed 2023 1815 Montreal Road\11 - Drawings\CCO-23-3469 - 9-storey apartment.dwg
 LAST SAVED: Friday, February 16, 2024 1:45:54 PM
 LAST PLOTTED: Friday, February 16, 2024 1:45:54 PM
 PLOTTED BY: JHEWSON

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