



LEGEND

- SITE BOUNDARY
- PROPOSED STORM MANHOLE AND SEWER WITH DIRECTION OF FLOW
- PROPOSED SANITARY MANHOLE AND SEWER WITH DIRECTION OF FLOW
- PROPOSED WATERMAIN
- PROPOSED VALVE AND VALVE BOX
- PROPOSED HYDRANT
- PROPOSED RETAINING WALL
- PROPOSED RETAINING WALL CW
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED REAR YARD ELBOW
- PROPOSED REAR YARD TEE
- PROPOSED TRENCH DRAIN
- PROPOSED BUILDING ENTRANCE / EXIT
- EXISTING STORM MANHOLE AND SEWER
- EXISTING SANITARY MANHOLE AND SEWER
- EXISTING WATERMAIN
- EXISTING OVERHEAD WIRES
- EXISTING VALVE AND VALVE BOX
- EXISTING FIRE HYDRANT
- EXISTING CATCHBASIN
- EXISTING CURB INLET CATCHBASIN
- EXISTING ADJACENT LEGAL LINE
- EXISTING TREES
- EXISTING STREETLIGHT
- EXISTING UTILITY POLE

PIPE CROSSING TABLE

CROSSING #	WATERMAIN	SANITARY	STORM
1		INV = 61.63 OBV = 61.83	INV = 63.53 OBV = 63.78
2		INV = 61.97 OBV = 62.17	INV = 62.99 OBV = 63.24
3		INV = 62.08 OBV = 62.33	INV = 63.01 OBV = 63.26
4	INV = 62.21 OBV = 62.46		INV = 63.03 OBV = 63.28
5	INV = 62.80 OBV = 63.00		INV = 63.52 OBV = 63.72
6		INV = 63.09 OBV = 63.29	INV = 63.76 OBV = 63.96
7		INV = 62.59 OBV = 62.59	INV = 63.82 OBV = 64.02

* WATERMAIN CROSSING AS PER W25 & W25.2 PROVIDE THERMAL INSULATION AS PER W22 WHERE THERE IS LESS THAN 2.4m COVER.

CATCHBASIN TABLE

CB No.	SIZE (mm)	T/G ELEV (m)	INVERT (m)	ICD DIA. (mm)
1	600x600	64.65	INV. SE=63.10 INV. NE=63.10	0.065
2	600x600	64.65	INV. SE=63.10	0.07
3	600x600	65.00	INV. SE=63.40 INV. NW=63.40	0.05
CBM 1	1200	66.70	INV. SE=62.83 INV. NE=62.77	0.05

SAN MANHOLE TABLE

MANHOLE ID	SIZE (mm)	T/G ELEV (m)	INVERT (m)
MH203A	1200	64.70	INV. E = 61.56 INV. W = 61.56

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

**PRELIMINARY
NOT FOR
CONSTRUCTION**

SCALE
1:250

DESIGN
DDB
CHECKED
DDB
DRAWN
MTM
CHECKED
DDB
APPROVED
DDB

No.	REVISION	DATE	BY
1.	ISSUED FOR CITY OF OTTAWA REVIEW	DEC 23/21	DDB

FOR REVIEW ONLY

LICENCED PROFESSIONAL ENGINEER
D. D. BLAIR
109122737
DEC 31 2021
PROVINCE OF ONTARIO

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

CITY OF OTTAWA
HILLSIDE COMMONS
ORLEANS TOWN CENTER

DRAWING NAME
GENERAL PLAN OF SERVICING

PROJECT No. 120237-00
REV # 1
DRAWING No. 120237-GP

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