LEGEND:

- EXISTING PROPERTY LINE TO REMAIN
- PROPOSED EASEMENT
- PROPOSED TERRACING (3:1 MIN.)
- PROPOSED DOOR ENTRANCE/EXIT
- ×50.00 PROPOSED ELEVATION
- ×50.00HP PROPOSED HIGH POINT ELEVATION
- ×50.00SW PROPOSED SWALE ELEVATION
- ×50.00EX MATCH INTO EXISTING ELEVATION
- 70.19 EXISTING ELEVATION
- PROPOSED OVERLAND MAJOR FLOW ROUTE
- PROPOSED SILT FENCE AS PER OPSD 219.110
- PROPOSED 100mmØ PERFORATED SUBDRAIN
- STM PROPOSED STORM SEWER
- SAN PROPOSED SANITARY SEWER
- WTR PROPOSED WATERMAIN
- EXISTING SANITARY SEWER
- WTR EXISTING WATERMAIN
- PROPOSED CATCHBASIN-MANHOLE/CATCHBASIN
- PROPOSED CURB STOP
- PROPOSED PIPE INSULATION
- PROPOSED 100 YEAR HIGH WATER LEVEL
- STORM WATERSHED EXTENT
- WS-XX (CONTROLLED) / AREA / R.UNOFF — WATERSHED NAME / RUNOFF COEFFICIENT / AREA IN HECTARES
- PROPOSSED GRASS AREA
- PROPOSED CONCRETE FEATURES/SLAB
- PROPOSED HEAVY DUTY ASPHALT
- PROPOSED LIGHT DUTY ASPHALT
- PROPOSED GRAVEL AREA
- PROPOSED RIP RAP AS PER OPSD 810.010
- M PROPOSED WATER METER
- PROPOSED ACCESS GATE
- PROPOSED GROWING FIELD

RIDEAU RIVER

PROPOSED MULTIPURPOSE BUILDING:

21 RESIDENTIAL UNITS

FFE = 88.12
USF = 85.12

WATER PRESSURE REDUCING VALVE TO BE INSTALLED IMMEDIATLY DOWNSTREAM OF THE WATER METER AND ISOLATION VALVE

FOUNDATION INVERT INV. = 84.99

TRENCH CATCH BASIN AT BOTTOM OF RAMP IN UNDERGROUND GARAGE

PIPE CROSSING.
STORM INV = 86.20
PROPOSED SANITARY INV = 85.05
PROPOSED WATERMAIN INV = 85.10

PROP. CBMH03
T/G = 87.70
S. INV. = 86.26

PROP. STM 12.2m - 450mm Ø PVC DR-35 @0.25%

PROP. UNDERGROUND STORM CHAMBERS
TOTAL STORAGE: 11.1m3
REFER TO DETAILS

PROP. CBMH02
T/G = 87.55
N. INV. = 86.23
SW. INV = 86.20
OUTLET PIPE C/W 102mm Ø ORIFICE PLATE
TOTAL RELEASE RATE = 13.90 L/s

PROP. STM SERVICE 12.5m - 135mm Ø PVC DR-35 FOR FOUNDATION DRAIN. CONNECTION TO BE COMPLETED DOWNSTREAM OF MANHOLE. LINK TO SUMP PUMP
E INV. = 86.21

PROP. STM 8.6m - 250mm Ø PVC DR-35 @0.25%

PROP. STM MH01
TREATMENT UNITS STORMCEPTOR EF-04 OR EQUIVALENT, SEE C500
INV. = 86.20

PROP. 21.2m- 50mm Ø WATER SERVICE TO SERVICE BOTH NEW BUILDING. NEW CURBSTOP VALVE TO BE INSTALLED AT PROPERTY LINE. SERVICE TO BE INSTALLED AT MINIMUM 2.4m

SEWERS TO BE ISOLATED AS PER WS24

EXISTING SANITARY MANHOLE
INV = 81.65

PIPE CROSSING.
STORM INV = 86.15
PROPOSED SANITARY INV = 84.85

SITE BENCHMARK
FIRE HYDRANT
TOP OF SPINDLE
ELEV. = 88.50

EXISTING 300mm Ø STORM SEWER

EXISTING 600mm Ø CONCRETE SANITARY SEWER

PROP. SAN 14m -150mm Ø SERVICE AT MINIMUM 1.00%. CONTRACTOR TO CONNECT TO EXISTING SANITARY SEWER
INV. = 84.56

PIPE CROSSING:
SAN INV. = 84.60
STORM INV. = 86.18
WATERMAIN INV. = 85.37

PROP. STM 16.1 m - 250mm Ø PVC DR-35 @0.5%
CONTRACTOR TO CONNECT NEW STORM SERVICE TO CITY 300mm Ø STORM SEWER.
INV. = 86.21
SEWER INV. = 86.12

EXISTING SANITARY MANHOLE
UPSTREAM INV = 81.78

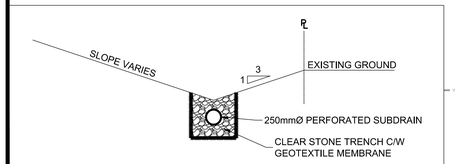
MANOTICK MAIN STREET

EXISTING 406mm Ø WATERMAIN

PROP.WATERMAIN CONNECITON TO EXISTING 406mm CITY WATERMAIN
INV. = 85.30

EXISTING STORM MANHOLE
APPROX. INV = 85.96

0m 2m 4m 10m 20m
1m 3m 5m 15m
SCALE: 1:200



SWALE & SUBDRAIN - TYPICAL SECTION
(N.T.S.)

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ENGINEERING STAMP

LICENSED PROFESSIONAL ENGINEER
G.L. BRUNET
100191036
12/10/2021
PROVINCE OF ONTARIO

NO.	REVISION	DATE (DD/MM/YYYY)
#8		
#7		
#6		
#5		
#4		
#3	ISSUED FOR SPA	12 / 10 / 2021
#2	ISSUED FOR SPA	06 / 08 / 2021
#1	ISSUED FOR SPA	10 / 03 / 2021

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CLIENT:

12213559 CANADA INC.
996-B ST. AUGUSTIN RD.
EMBRUN, ON

PROJECT:

NEW MULTIPURPOSE DEVELOPMENT
5497 MANOTICK MAIN ST, MANOTICK, ON

DRAWING:

SITE SERVICING PLAN

PAPER FORMAT:	24x36
DRAWN BY:	BF + GB
CHECKED BY:	GB
DATE:	07-2021
SCALE:	1:200
PROJECT NUMBER:	20-261

PAGE: C300