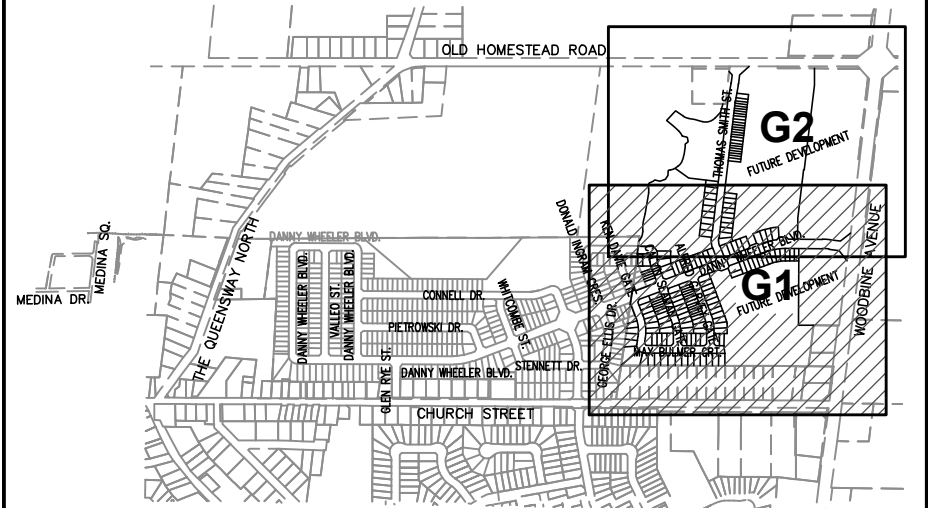


SEE DWG. G2

SWM FACILITY #1/2E  
NWL = 234.50m  
100YR HWL  
236.03m



KEY PLAN  
N.T.S.

LEGEND

- CATCHBASIN
- CATCHBASIN WITH INLET CONTROL DEVICE (IPEX TYPE SET AT 1.2m DEPTH).
- DOUBLE CATCHBASIN
- DOUBLE CATCHBASIN WITH INLET CONTROL DEVICE (IPEX TYPE SET AT 1.2m DEPTH).
- STORM MANHOLE
- CATCHBASIN MANHOLE
- DOUBLE CATCHBASIN MANHOLE
- SANITARY MANHOLE
- SINGLE STORM & SINGLE SANITARY SERVICE
- DOUBLE STORM & SINGLE SANITARY SERVICE
- SINGLE CURB STOP
- VALVE AND BOX
- HYDRANT AND VALVE
- STOP SIGN (Ra-1, 60cm x 60cm)
- STREET NAME SIGN (STD GR-13)
- YIELD SIGN (Ra-2) & TAB (Ra-21)
- ONE WAY SIGN RIGHT (Rb-21A)
- STOP BAR
- PRIVACY WOOD FENCE
- CHAIN LINK FENCE
- SWM POND WARNING SIGN (STD GG-2)
- 100 YEAR FLOODPLAIN LIMIT
- REGIONAL FLOODPLAIN LIMIT

REFER TO PLAN FP-1 PREPARED BY CANDEVCON GROUP INC. FOR WOODBINE AVENUE TURNING LANE DETAILS

REFER TO PLANS S8 & S9 FOR WOODBINE AVENUE CROSS-SECTIONS

STREET NAME (STATION)	ICD TYPE	QUANTITY	CONTROL FLOW RATE
DANNY WHEELER BLVD. (FROM 0+064 TO 0+170)	IPEX TYPE 'A'	6	20.0 L/s
DANNY WHEELER BLVD. (AT 0+249)	IPEX TYPE 'B'	2	28.4 L/s
DANNY WHEELER BLVD. (AT 0+329)	IPEX TYPE 'A'	1	20.0 L/s
DANNY WHEELER BLVD. (AT 0+335)	IPEX TYPE 'B'	1	28.4 L/s
DANNY WHEELER BLVD. (FROM 0+403 TO 0+407)	IPEX TYPE 'A'	2	20.0 L/s
DANNY WHEELER BLVD. (AT 0+476)	IPEX TYPE 'A'	1	20.0 L/s
DANNY WHEELER BLVD. (AT 0+476)	IPEX TYPE 'B'	1	28.4 L/s
FUTURE DEVELOPMENT WITH DCB	IPEX TYPE 'A'	4	20.0 L/s
ALFRED GARVEY GATE (AT 0+027)	IPEX TYPE 'A'	2	20.0 L/s
ALFRED GARVEY GATE (AT 0+130)	IPEX TYPE 'B'	1	28.4 L/s
ALFRED GARVEY GATE (AT 0+131)	IPEX TYPE 'D'	1	55.0 L/s
ALFRED GARVEY GATE (AT 0+187)	IPEX TYPE 'B'	1	28.4 L/s
ALFRED GARVEY GATE (AT 0+187)	IPEX TYPE 'C'	1	37.0 L/s
ALFRED GARVEY GATE (AT 0+187)	IPEX TYPE 'A'	1	20.0 L/s
DONALD INGRAM CRESCENT (AT 0+035)	IPEX TYPE 'A'	2	20.0 L/s
CALVIN SEAMAN GATE (FROM 0+135 TO 0+212)	IPEX TYPE 'A'	4	20.0 L/s
MAX BULMER COURT (AT 0+015)	IPEX TYPE 'F'	2	76.0 L/s
MAX BULMER COURT (AT 0+015)	IPEX TYPE 'D'	1	55.0 L/s
MAX BULMER COURT (FROM 0+091 TO 0+094)	IPEX TYPE 'C'	1	37.0 L/s
MAX BULMER COURT (FROM 0+153 TO 0+159)	IPEX TYPE 'B'	2	28.4 L/s
MAX BULMER COURT (FROM 0+225 TO 0+227)	IPEX TYPE 'A'	2	20.0 L/s
THOMAS SMITH STREET (AT 0+027)	IPEX TYPE 'A'	2	20.0 L/s
THOMAS SMITH STREET (AT 0+080)	IPEX TYPE 'A'	1	20.0 L/s
THOMAS SMITH STREET (AT 0+080)	IPEX TYPE 'B'	1	28.4 L/s
THOMAS SMITH STREET (FROM 0+169 TO 0+234)	IPEX TYPE 'B'	4	28.4 L/s
THOMAS SMITH STREET (AT 0+280)	IPEX TYPE 'A'	1	20.0 L/s
THOMAS SMITH STREET (AT 0+347)	IPEX TYPE 'A'	1	20.0 L/s
THOMAS SMITH STREET (AT 0+348)	IPEX TYPE 'B'	1	28.4 L/s
THOMAS SMITH STREET (FROM 0+424 TO 0+426)	IPEX TYPE 'A'	2	20.0 L/s
THOMAS SMITH STREET (AT 0+504)	IPEX TYPE 'B'	2	28.4 L/s

ALL INLET CONTROL DEVICES TO BE SET AT 1.2M DEPTH

ELEVATIONS SHOWN HEREON ARE GEODETIC AND ARE REFERRED TO GEODETIC SURVEY OF CANADA BENCHMARK No. 001193104975 HAVING A PUBLISHED ELEVATION OF 241.800 METRES

ELEVATIONS ARE GEODETIC AND ARE REFERRED TO A BENCHMARK ON THE WESTERLY SIDE OF KESWICK PUBLIC SCHOOL HAVING AN ELEVATION OF 241.797 m.

CONTRACTOR TO BE RESPONSIBLE FOR VERIFYING THE LOCATIONS OF ALL EXISTING UNDERGROUND AND ABOVE UTILITIES AND SERVICES. THE CONTRACTOR SHALL ADVISE THE ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION. VARIOUS UTILITIES CONCERNED TO BE GIVEN REQUIRED ADVANCED NOTICE PRIOR TO ANY DIGGING, FOR STAKE OUT. A.M. CANDARAS ASSOCIATES INC. ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.



REVIEWED BY:  
TOWN OF GEORGINA  
MANAGER OF DEVELOPMENT  
ENGINEERING  
DATE

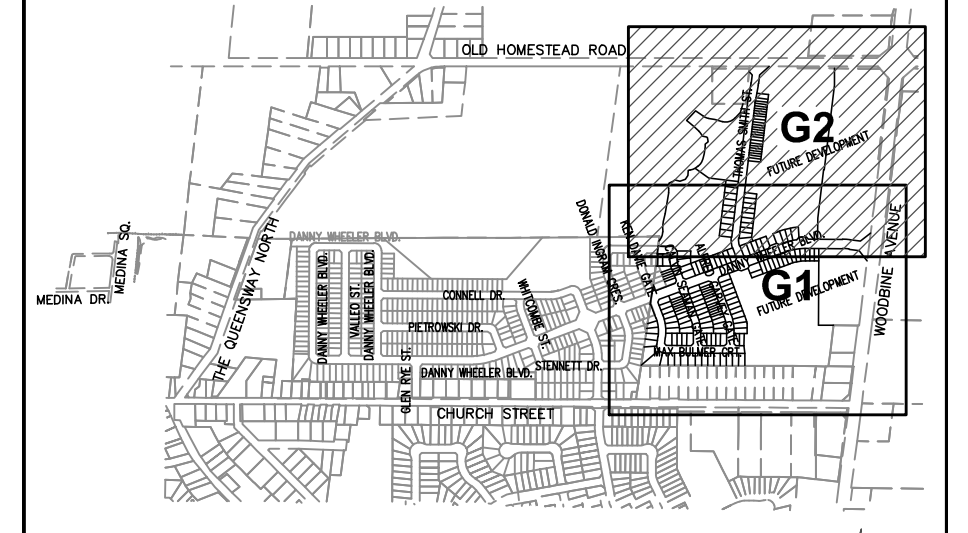
No.	Date	By	REVISIONS
3	FEB./24	A.M.C.	3rd SUBMISSION
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consulting engineers  
8551 Weston rd., suite 203  
Woodbridge ont. L4L 9R4  
905-850-8020 Fax 905-850-8099  
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19T-20G01  
**ORCHID TRAIL  
DEVELOPMENT  
PHASE 1**  
TOWN OF GEORGINA  
REGION OF YORK  
**GENERAL ABOVEGROUND  
PLAN**

SCALE: 1:1000 DATE: FEBRUARY 2024 PROJ No. 1931  
DRAWN: C.V.C. CHK'D: A.M.C. PLAN No.  
DESIGNED: M.F.S. SHEET 1 OF 5

**G1**



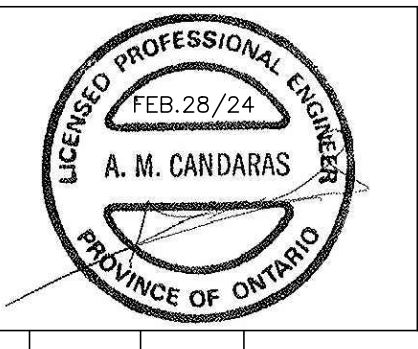
KEY PLAN  
N.T.S.

LEGEND

- CATCHBASIN
- CATCHBASIN WITH INLET CONTROL DEVICE (IPEX TYPE SET AT 1.2m DEPTH).
- DOUBLE CATCHBASIN
- DOUBLE CATCHBASIN WITH INLET CONTROL DEVICE (IPEX TYPE SET AT 1.2m DEPTH).
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- CATCHBASIN MANHOLE
- DOUBLE CATCHBASIN MANHOLE
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- VALVE AND BOX
- HYDRANT AND VALVE
- STOP SIGN (Ra-1, 60cm x 60cm)
- STREET NAME SIGN (STD GR-13)
- YIELD SIGN (Ra-2) & TAB (Ra-21)
- ONE WAY SIGN RIGHT (Rb-21A)
- STOP BAR
- PRIVACY WOOD FENCE
- CHAIN LINK FENCE
- SWM POND WARNING SIGN (STD GG-2)
- 100 YEAR FLOODPLAIN LIMIT
- REGIONAL FLOODPLAIN LIMIT

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REVIEWED BY:  
TOWN OF GEORGINA  
MANAGER OF DEVELOPMENT  
ENGINEERING  
DATE

No.	Date	By	REVISIONS
3	FEB./24	A.M.C.	3rd SUBMISSION
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1	DEC./22	A.M.C.	1st SUBMISSION

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19T-20G01

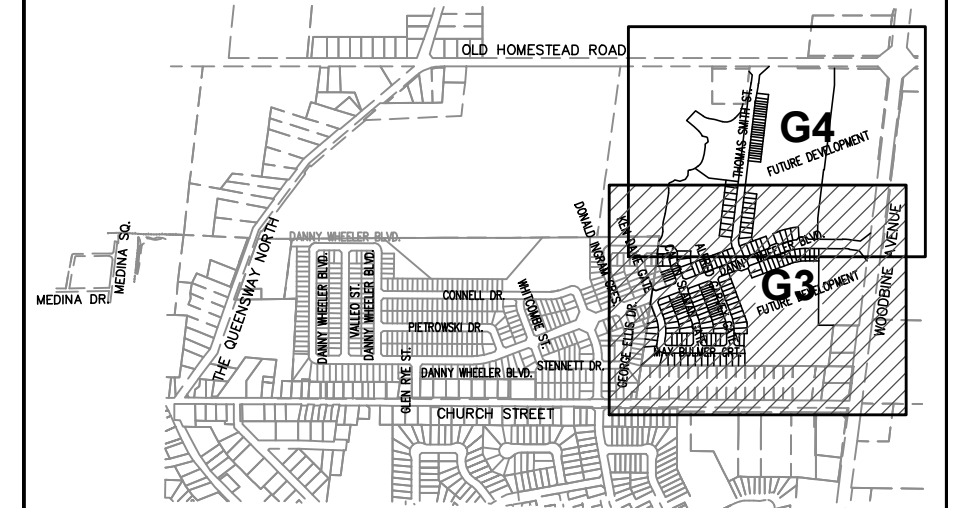
**ORCHID TRAIL  
DEVELOPMENT  
PHASE 1**

**TOWN OF GEORGINA  
REGION OF YORK**

**GENERAL ABOVEGROUND  
PLAN**

SCALE: 1:1000	DATE: FEBRUARY 2024	PROJ. No. 1931
DRAWN: C.V.C.	CHK'D: A.M.C.	PLAN No.
DESIGNED: M.F.S.	SHEET 2 OF 5	<b>G2</b>

SEE DWG. G4



KEY PLAN  
N.T.S.

LEGEND

- CATCHBASIN
- CATCHBASIN WITH INLET CONTROL DEVICE (IPEX TYPE SET AT 1.2m DEPTH)
- DOUBLE CATCHBASIN
- DOUBLE CATCHBASIN WITH INLET CONTROL DEVICE (IPEX TYPE SET AT 1.2m DEPTH)
- STORM MANHOLE
- CATCHBASIN MANHOLE
- DOUBLE CATCHBASIN MANHOLE
- SANITARY MANHOLE
- SINGLE STORM SERVICE CONNECTION
- SINGLE SANITARY SERVICE CONNECTION
- SINGLE WATER SERVICE CONNECTION & CURB STOP
- DOUBLE STORM SERVICE
- VALVE AND BOX
- HYDRANT AND VALVE
- SEWER/WATERMAIN CROSSING LOCATION
- 100 YEAR FLOODPLAIN LIMIT
- REGIONAL FLOODPLAIN LIMIT

SEWER / WATERMAIN CROSSING INFORMATION			SEWER / WATERMAIN CROSSING INFORMATION		
CROSSING No.	INVERT & OBVERT INFORMATION	DEPTH	CROSSING No.	INVERT & OBVERT INFORMATION	DEPTH
X1	WM INV. 242.69 STM OBV. 240.99	1.70m	X20	STM INV. 235.50 WM OBV. 234.50	0.50m
X2	SAN INV. 239.77 STM OBV. 239.18	0.59m	X21	WM INV. 234.87 SAN OBV. 234.18	0.69m
X3	WM INV. 239.76 SAN OBV. 235.38	4.38m	X22	STM INV. 236.02 SAN OBV. 234.19	1.83m
X4	STM INV. 239.81 WM OBV. 239.23	0.58m	X23	WM INV. 236.10 SAN OBV. 233.92	2.18m
X5	STM INV. 239.75 SAN OBV. 235.35	4.40m	X24	STM INV. 236.22 WM OBV. 235.72	0.50m
X6	WM INV. 239.15 STM OBV. 238.35	0.80m	X25	STM INV. 236.24 SAN OBV. 233.90	2.34m
X7	STM INV. 238.01 SAN OBV. 235.05	2.96m	X26	STM INV. 235.58 SAN OBV. 235.19	0.39m
X8	WM INV. 238.78 SAN OBV. 234.79	3.99m	X27	STM INV. 235.57 WM OBV. 235.07	0.50m
X9	WM INV. 238.78 STM OBV. 237.89	0.89m	X28	STM INV. 237.43 SAN OBV. 235.64	1.79m
X10	WM INV. 238.74 SAN OBV. 235.02	3.72m	X29	STM INV. 237.46 WM OBV. 236.89	0.57m
X11	STM INV. 236.65 SAN OBV. 236.18	0.50m	X30	STM INV. 234.63 WM OBV. 234.13	0.50m
X12	WM INV. 238.74 STM OBV. 237.74	1.00m	X31	SAN INV. 236.38 STM OBV. 236.07	0.31m
X13	STM INV. 236.56 SAN OBV. 234.74	1.85m	X32	STM INV. 234.88 WM OBV. 234.36	0.52m
X14	WM INV. 238.20 SAN OBV. 234.50	3.70m	X33	SAN INV. 236.51 WM OBV. 234.86	1.65m
X15	WM INV. 238.20 STM OBV. 237.30	0.90m	X34	SAN INV. 236.52 STM OBV. 236.06	0.46m
X16	STM INV. 236.94 SAN OBV. 235.38	1.56m	X35	SAN INV. 236.47 WM OBV. 235.13	1.34m
X17	WM INV. 235.86 SAN OBV. 234.21	1.65m	X36	STM INV. 235.63 WM OBV. 235.13	0.50m
X18	STM INV. 236.04 WM OBV. 235.51	0.53m	X37	WM INV. 242.69 STM OBV. 241.88	0.83m
X19	STM INV. 235.01 SAN OBV. 234.16	0.85m	X38	STM INV. 241.38 WM OBV. 241.88	0.50m
			X39	WM INV. 240.89 STM OBV. 239.29	1.60m

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REVIEWED BY:  
TOWN OF GEORGINA

MANAGER OF DEVELOPMENT  
ENGINEERING

DATE

No.	Date	By	REVISIONS
3	FEB./24	A.M.C.	3rd SUBMISSION
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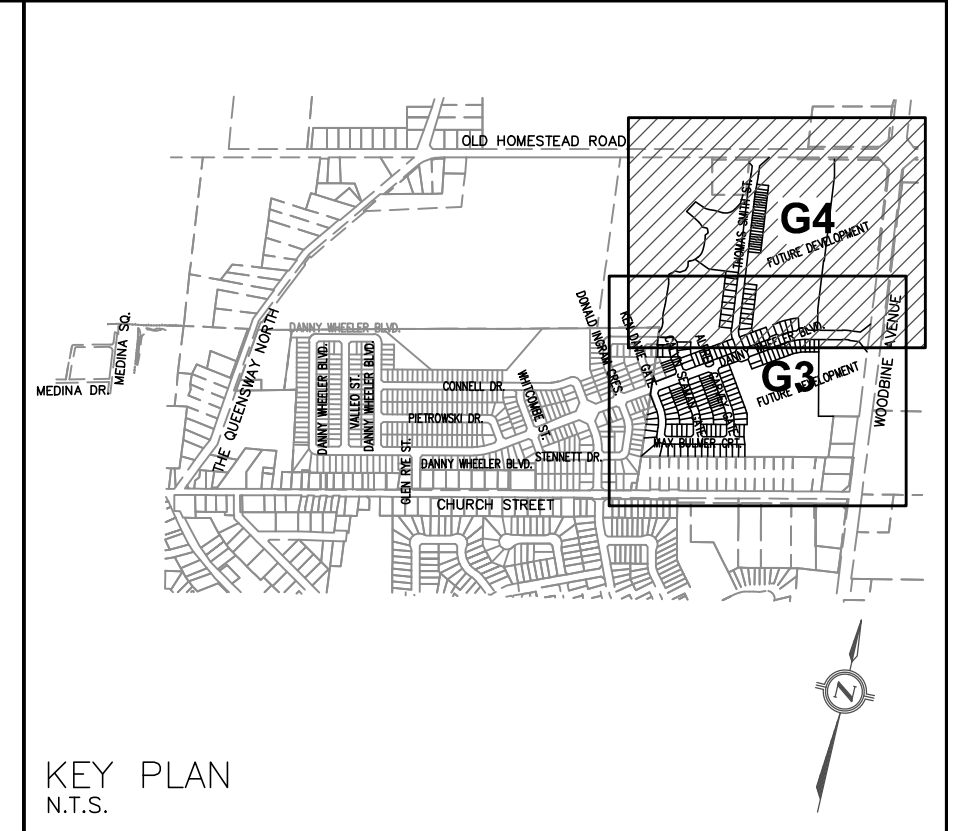
19T-20G01

## ORCHID TRAIL DEVELOPMENT PHASE 1

TOWN OF GEORGINA  
REGION OF YORK

### GENERAL UNDERGROUND PLAN

SCALE: 1:1000 DATE: FEBRUARY 2024 PROJ. No. 1931  
DRAWN: C.V.C. CHK'D: A.M.C. PLAN No. **G3**  
DESIGNED: M.F.S. SHEET 3 OF 5



- LEGEND**
- CATCHBASIN
  - CATCHBASIN WITH INLET CONTROL DEVICE (IPEX TYPE SET AT 1.2m DEPTH)
  - DOUBLE CATCHBASIN
  - DOUBLE CATCHBASIN WITH INLET CONTROL DEVICE (IPEX TYPE SET AT 1.2m DEPTH)
  - STORM MANHOLE
  - CATCHBASIN MANHOLE
  - DOUBLE CATCHBASIN MANHOLE
  - SANITARY MANHOLE
  - SINGLE STORM SERVICE CONNECTION
  - SINGLE SANITARY SERVICE CONNECTION
  - SINGLE WATER SERVICE CONNECTION & CURB STOP
  - DOUBLE STORM SERVICE
  - VALVE AND BOX
  - HYDRANT AND VALVE
  - SEWER/WATERMAIN CROSSING LOCATION
  - - - 100 YEAR FLOODPLAIN LIMIT
  - - - REGIONAL FLOODPLAIN LIMIT

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	REVIEWED BY:	TOWN OF GEORGINA
	DATE:	FEB. 28/24
	MANAGER OF DEVELOPMENT ENGINEERING	
	DATE	

No.	Date	By	REVISIONS
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19T-20G01

**ORCHID TRAIL DEVELOPMENT PHASE 1**

**TOWN OF GEORGINA REGION OF YORK**

**GENERAL UNDERGROUND PLAN**

SCALE: 1:1000	DATE: FEBRUARY 2024	PROJ No. 1931
DRAWN: C.V.C.	CHK'D: A.M.C.	PLAN No.
DESIGNED: M.F.S.	SHEET 4 OF 5	<b>G4</b>