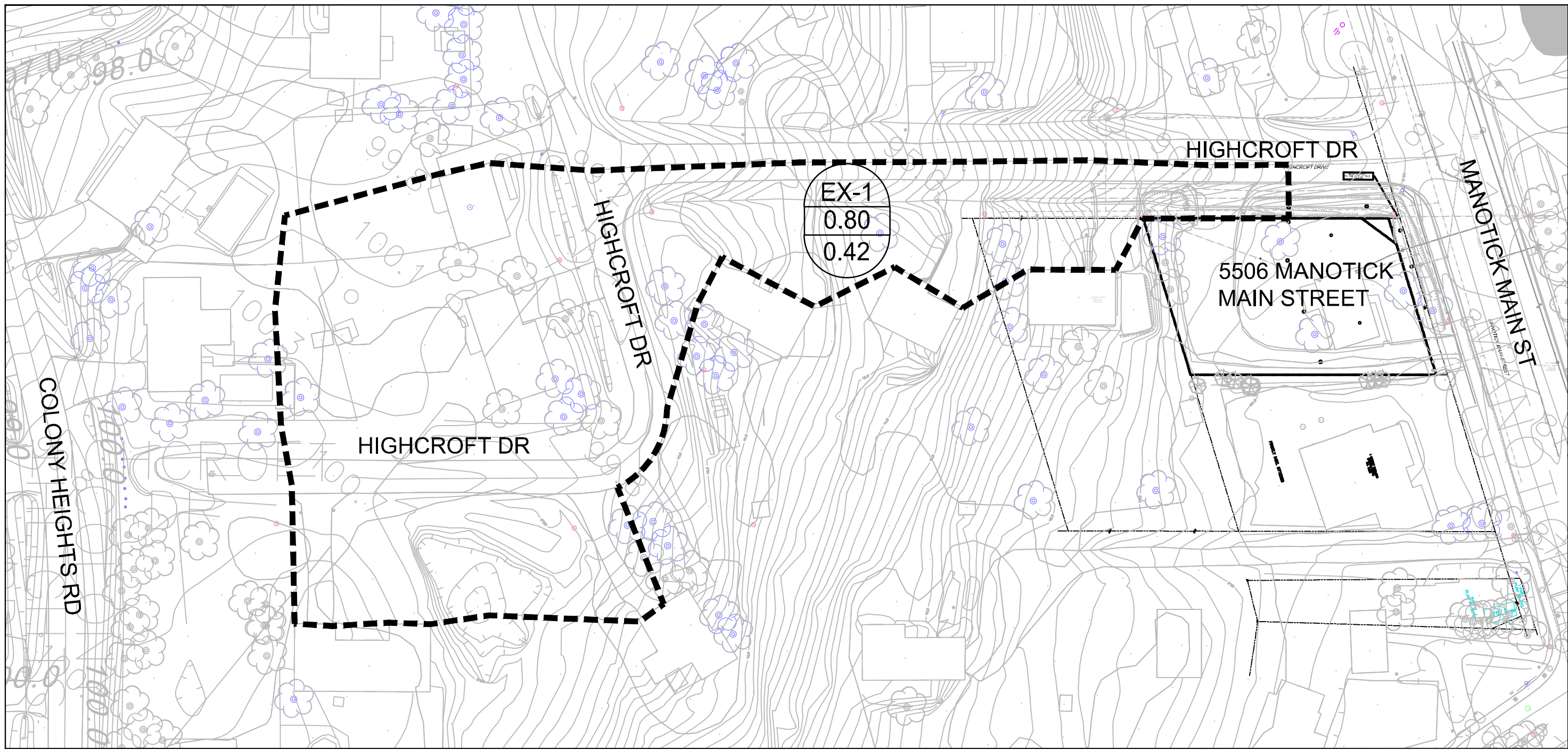


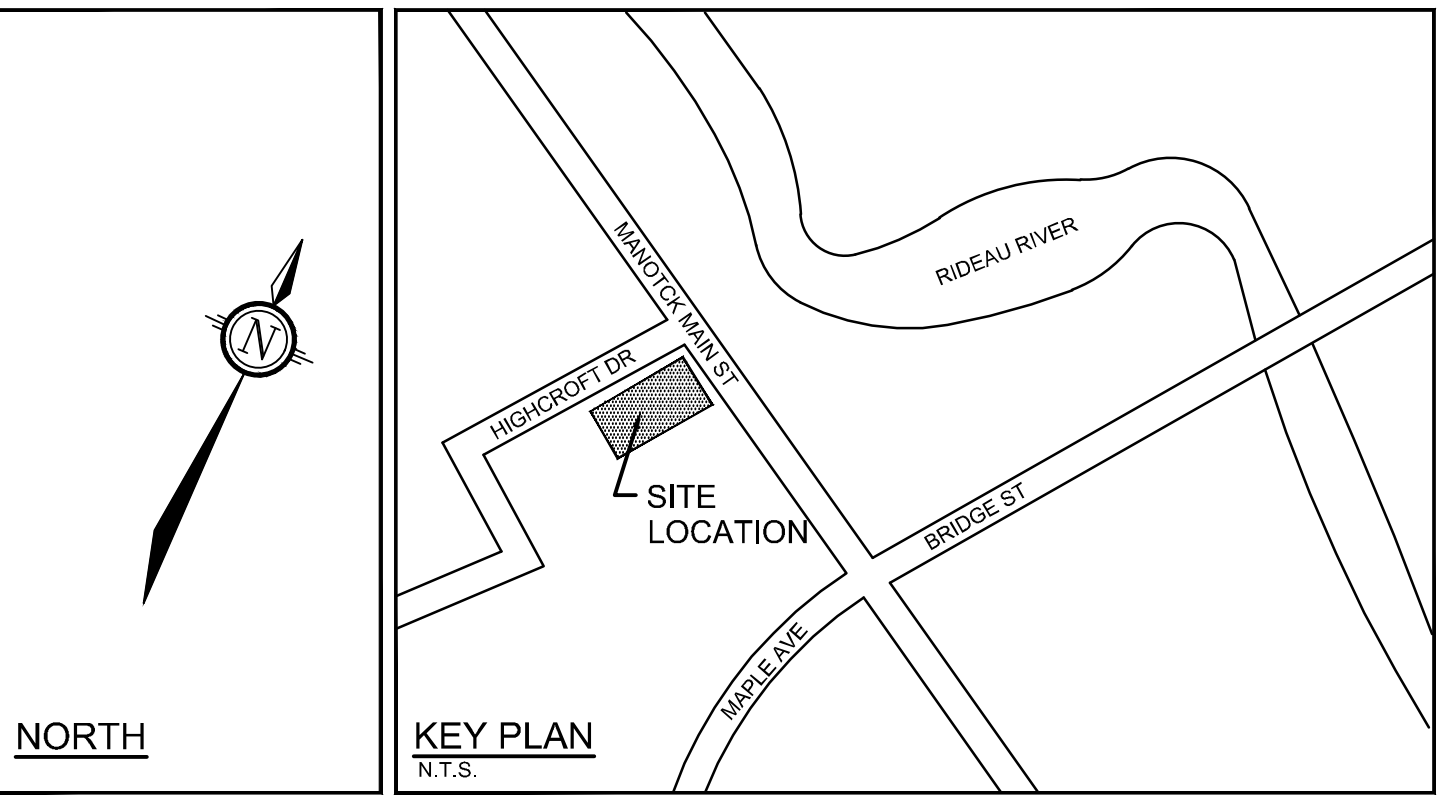


UPSTREAM STORM DRAINAGE AREA

LEGEND

- PROPERTY LINE
- PROPOSED STORM SERVICE
- PROPOSED RETAINING WALL
- DIRECTION OF MAJOR OVERLAND FLOW
- OHW
- EXISTING OVERHEAD WIRES
- EXISTING CONCRETE CURB
- SAMMH
- EXISTING SANITARY MANHOLE & SEWER
- STMMH
- EXISTING STORM MANHOLE & SEWER
- CB
- EXISTING CATCHBASIN C/W CATCHBASIN LEAD
- HYD
- EXISTING HYDRANT & VALVE
- EXISTING TREES / VEGETATION
- EX UP
- EXISTING UTILITY POLE C/W GUY WIRES
- EXISTING FENCE
- PROPOSED DRAINAGE AREA
- CATCHMENT I.D.
- DRAINAGE AREA IN HECTARES
- C VALUE

A-1
0.001
0.83



ROOF DRAIN TABLE: ROOF DRAINS RD1 & RD 2					
AREA ID	ROOF DRAIN No. (WATTS MODEL)	ROOF DRAIN OPENING SETTING	1:5 YEAR RELEASE RATE	APPROX. 5 YR PONDING DEPTH	1:100 YEAR RELEASE RATE
R-1	RD 1 (RD-100-A-ADJ)	1/2 OPEN	0.95 L/s	9 cm	1.10 L/s
R-2	RD 2 (RD-100-A-ADJ)	1/2 OPEN	0.95 L/s	10 cm	1.10 L/s

* REFER TO THE 'DEVELOPMENT SERVICING STUDY AND STORMWATER MANAGEMENT REPORT' (R-2020-036) PREPARED BY NOVATECH FOR DRAINAGE AREA IDENTIFIERS AND STORMWATER MANAGEMENT DETAILS.
**ALL CONTROLLED FLOW ROOF DRAINS FOR THE PROPOSED BUILDING TO BE WATTS 'ADJUSTABLE ACCUTROL' ROOF DRAINS.

AREA A-1: INLET CONTROL DEVICE DATA - CBMH 3						
DESIGN EVENT	ICD TYPE (TEMPEST MODEL)	DIAMETER OF OUTLET PIPE (mm)	DESIGN FLOW (L/s)	DESIGN HEAD (m)	WATER ELEVATION (m)	STORAGE VOLUME (m³)
1:5 YR	MODEL 80	250	4.9	0.74	87.37	15.3
1:100 YR	MODEL 80	250	8.3	2.07	88.70	30.3

