

Ray Twinney LID Retrofit Project

Date: August 28th, 2016

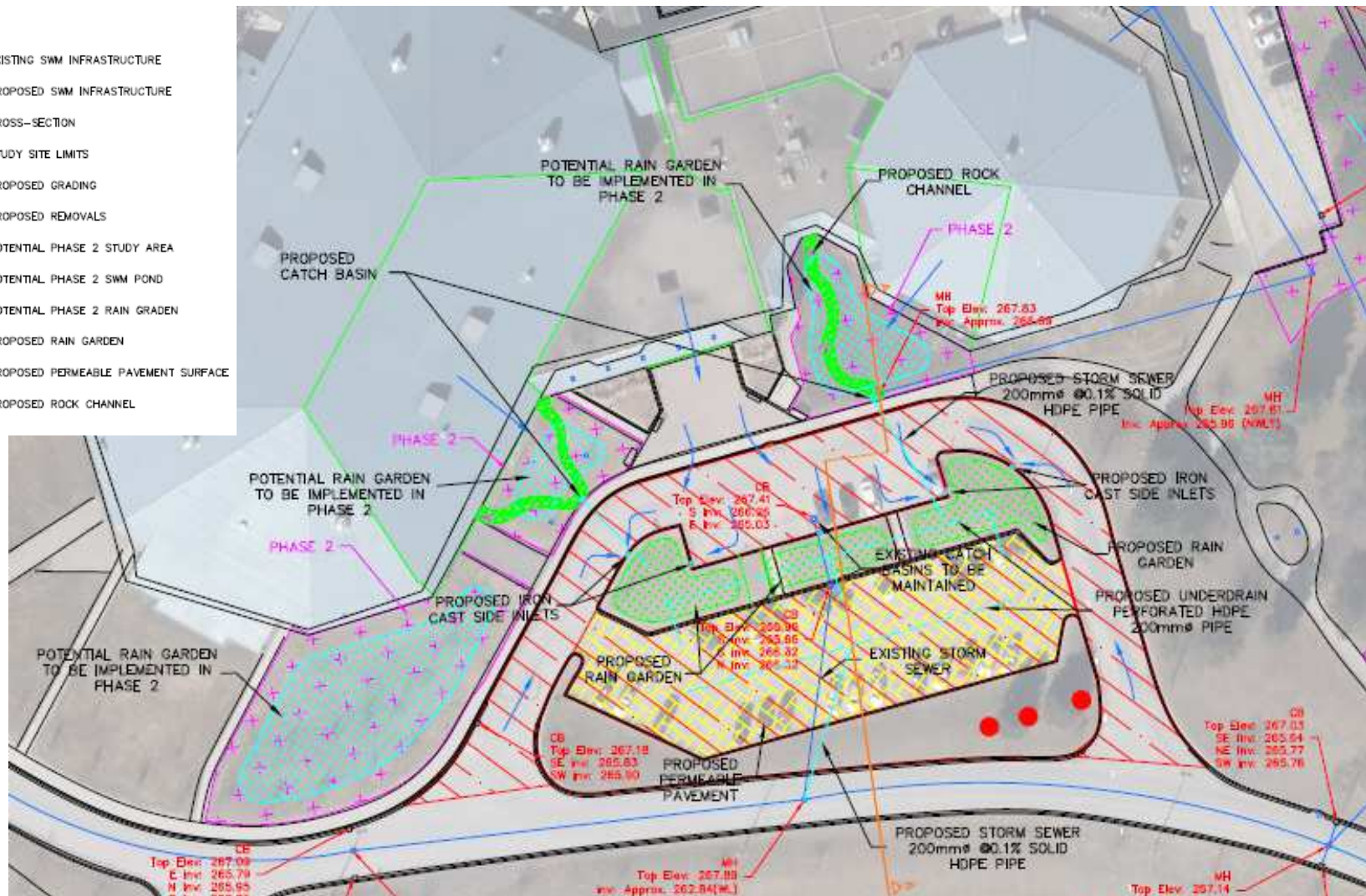


Main Entrance Rooftop Runoff Treatment and Parking Retrofit



LEGEND:

- EXISTING SWM INFRASTRUCTURE
- PROPOSED SWM INFRASTRUCTURE
- ▲ CROSS-SECTION
- STUDY SITE LIMITS
- PROPOSED GRADING
- ▨ PROPOSED REMOVALS
- ▤ POTENTIAL PHASE 2 STUDY AREA
- ▥ POTENTIAL PHASE 2 SWM POND
- ▦ POTENTIAL PHASE 2 RAIN GRADEN
- ▧ PROPOSED RAIN GARDEN
- ▨ PROPOSED PERMEABLE PAVEMENT SURFACE
- ▩ PROPOSED ROCK CHANNEL



Main Entrance Rooftop Runoff Treatment and Parking Retrofit



Main entrance
rock channel
leading to catch
basin



Front parking
lot pervious
pavers



Front parking
bio-retention
island

Project Costs and Funding



Funding Source	Preliminary Budget	Budget Increase	New Budget
Town of Newmarket - ARF	\$150,000	+ \$50,000	\$200,000
LSRCA	\$100,000	+ \$50,000	\$150,000
Environment Canada	\$100,000	n/a	\$100,000
Total	\$350,000	\$100,000	\$450,000

* In addition to their increased contribution to the project, LSRCA has pledged \$15,000 to cover the cost of the Town's Senior Climate Change Coordinator salary from January 2017 to March 2017 to manage this project to completion.