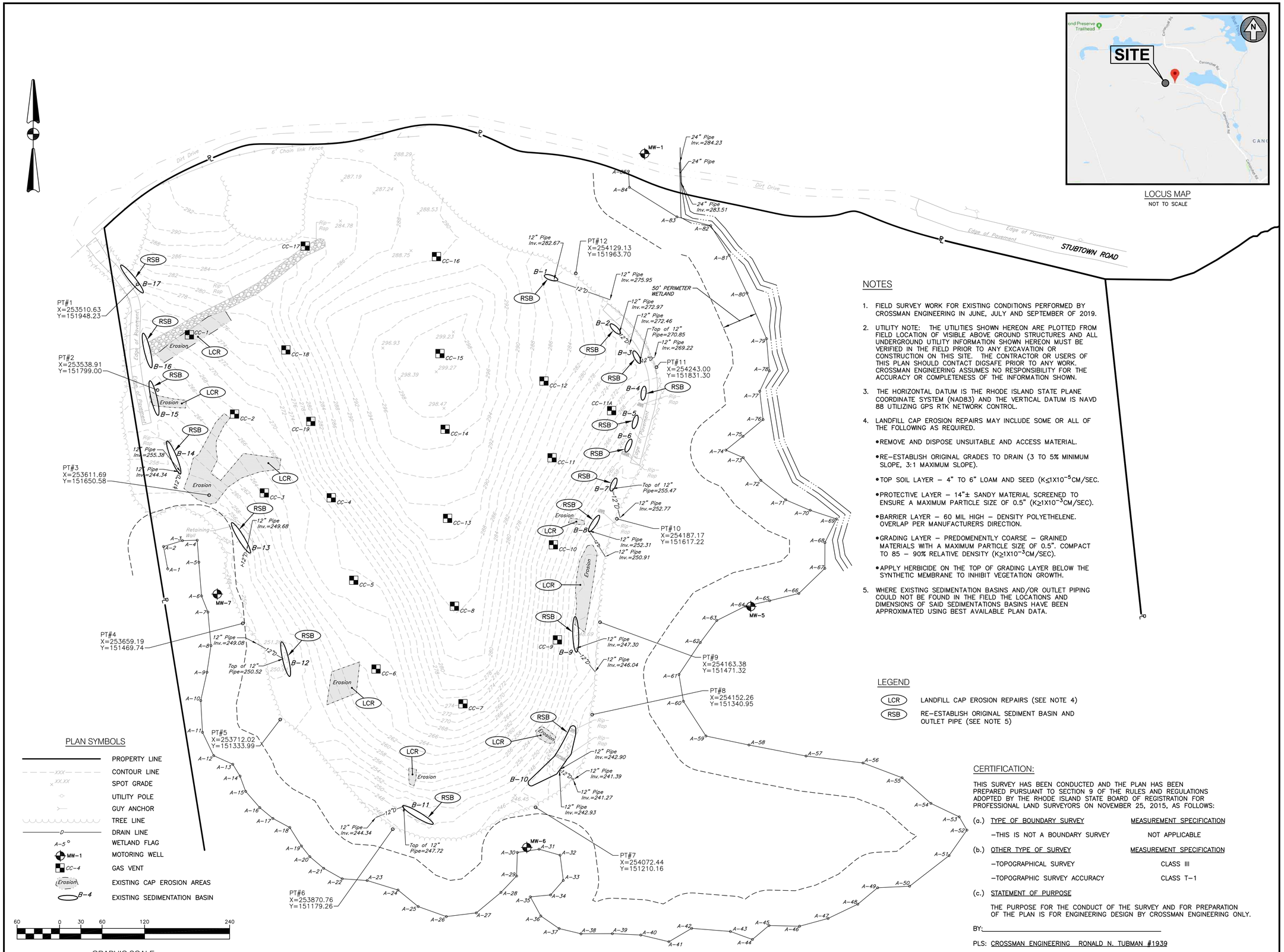

LOCUS MAP
NOT TO SCALE

NOTES

1. FIELD SURVEY WORK FOR EXISTING CONDITIONS PERFORMED BY CROSSMAN ENGINEERING IN JUNE, JULY AND SEPTEMBER OF 2019.
2. UTILITY NOTE: THE UTILITIES SHOWN HEREON ARE PLOTTED FROM FIELD LOCATION OF VISIBLE ABOVE GROUND STRUCTURES AND ALL UNDERGROUND UTILITY INFORMATION SHOWN HEREON MUST BE VERIFIED IN THE FIELD PRIOR TO ANY EXCAVATION OR CONSTRUCTION ON THIS SITE. THE CONTRACTOR OR USERS OF THIS PLAN SHOULD CONTACT DIGSAFE PRIOR TO ANY WORK. CROSSMAN ENGINEERING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN.
3. THE HORIZONTAL DATUM IS THE RHODE ISLAND STATE PLANE COORDINATE SYSTEM (NAD83) AND THE VERTICAL DATUM IS NAVD 88 UTILIZING GPS RTK NETWORK CONTROL.
4. LANDFILL CAP EROSION REPAIRS MAY INCLUDE SOME OR ALL OF THE FOLLOWING AS REQUIRED.
   - REMOVE AND DISPOSE UNSUITABLE AND ACCESS MATERIAL.
   - RE-ESTABLISH ORIGINAL GRADES TO DRAIN (3 TO 5% MINIMUM SLOPE, 3:1 MAXIMUM SLOPE).
   - TOP SOIL LAYER – 4" TO 6" LOAM AND SEED ($K \leq 1X10^{-5}$CM/SEC.
   - PROTECTIVE LAYER – 14"± SANDY MATERIAL SCREENED TO ENSURE A MAXIMUM PARTICLE SIZE OF 0.5" ($K \geq 1X10^{-3}$CM/SEC).
   - BARRIER LAYER – 60 MIL HIGH – DENSITY POLYETHELENE. OVERLAP PER MANUFACTURERS DIRECTION.
   - GRADING LAYER – PREDOMENENTLY COARSE – GRAINED MATERIALS WITH A MAXIMUM PARTICLE SIZE OF 0.5". COMPACT TO 85 – 90% RELATIVE DENSITY ($K \geq 1X10^{-3}$CM/SEC).
   - APPLY HERBICIDE ON THE TOP OF GRADING LAYER BELOW THE SYNTHETIC MEMBRANE TO INHIBIT VEGETATION GROWTH.
5. WHERE EXISTING SEDIMENTATION BASINS AND/OR OUTLET PIPING COULD NOT BE FOUND IN THE FIELD THE LOCATIONS AND DIMENSIONS OF SAID SEDIMENTATIONS BASINS HAVE BEEN APPROXIMATED USING BEST AVAILABLE PLAN DATA.

LEGEND

LCR	LANDFILL CAP EROSION REPAIRS (SEE NOTE 4)
RSB	RE-ESTABLISH ORIGINAL SEDIMENT BASIN AND OUTLET PIPE (SEE NOTE 5)

PLAN SYMBOLS

	PROPERTY LINE
XXX	CONTOUR LINE
XX.XX	SPOT GRADE
	UTILITY POLE
	GUY ANCHOR
	TREE LINE
D	DRAIN LINE
A-5	WETLAND FLAG
MW-1	MOTORING WELL
CC-4	GAS VENT
Erosion	EXISTING CAP EROSION AREAS
B-4	EXISTING SEDIMENTATION BASIN

60 0 30 60 120 240

GRAPHIC SCALE
(IN FEET)
1 inch = 60 ft.

CERTIFICATION:

THIS SURVEY HAS BEEN CONDUCTED AND THE PLAN HAS BEEN PREPARED PURSUANT TO SECTION 9 OF THE RULES AND REGULATIONS ADOPTED BY THE RHODE ISLAND STATE BOARD OF REGISTRATION FOR PROFESSIONAL LAND SURVEYORS ON NOVEMBER 25, 2015, AS FOLLOWS:

(a.) TYPE OF BOUNDARY SURVEY	MEASUREMENT SPECIFICATION
–THIS IS NOT A BOUNDARY SURVEY	NOT APPLICABLE

(b.) OTHER TYPE OF SURVEY	MEASUREMENT SPECIFICATION
–TOPOGRAPHICAL SURVEY	CLASS III
–TOPOGRAPHIC SURVEY ACCURACY	CLASS T–1

(c.) STATEMENT OF PURPOSE

THE PURPOSE FOR THE CONDUCT OF THE SURVEY AND FOR PREPARATION OF THE PLAN IS FOR ENGINEERING DESIGN BY CROSSMAN ENGINEERING ONLY.

BY:_____

PLS: CROSSMAN ENGINEERING RONALD N. TUBMAN #1939

COA: CROSSMAN ENGINEERING #A257

• Civil
• Transportation
• Environmental
• Site Planning
• Surveying
• Permitting
• Landscape Architecture

CROSSMAN ENGINEERING

Rhode Island
151 Centerville Road
Warwick, RI 02886
Phone: (401) 738-5660

Massachusetts
103 Commonwealth Avenue
North Attleboro, MA 02763
Phone: (508) 695-1700

Email: cei@crossmaneng.com

THESE DRAWINGS ARE THE PROPERTY OF CROSSMAN ENGINEERING AND HAVE BEEN PREPARED FOR THEIR CLIENT FOR A SPECIFIC SITE AND PROJECT. THESE DRAWINGS ARE NOT TO BE COPIED OR USED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF CROSSMAN ENGINEERING.

DRAFT COPY

PROJECT TITLE:

HOPKINTON LANDFILL
PHASE II
STUBTOWN ROAD
HOPKINTON, RHODE ISLAND

PREPARED FOR:

TOWN OF HOPKINTON
1 TOWN HOUSE ROAD
HOPKINTON, RI
02833

DRAWING TITLE:

SITE IMPROVEMENT PLAN

DATE: DECEMBER 2019

SCALE: 1" = 60'

DWG. NAME: 2349–SITE IMPROVEMENT.dwg

REVISIONS

NUMBER	REMARKS	DATE

DRAWING NUMBER

C1

SHEET: 1 OF: 1