



LEGEND

- Proposed Retrofit
 - PROPOSED STORM STRUCTURE
 - PROPOSED STORM PIPE
 - Proposed Underground Chamber System
 - PROPERTY LINE
 - EXISTING 2' CONTOUR
 - Indian Brook
 - IssuedPermits_Indian
- BMP Drainage Area**
- Existing Post 2002
 - Existing Pre 2002
 - Proposed

NOTES:

The proposed retrofit for the Grove St. outfall, is to install two connected chamber systems in the Village ROW, sized to mitigate the CPV volume and bypass high flows. The system would use StormTech SC-740 chambers. The first system of chambers would be impermeable on the east side to protect the home foundation to the east. The second system would allow infiltration. Feasibility was based on existing groundwater table data from a monitoring well near the Village Pump Station.

INDIAN BROOK FLOW RESTORATION STUDY

ESSEX, VERMONT

Grove St. Underground Detention/Infiltration Chamber System

DATE: 1-26-15

DRAWN BY: JS

SCALE: NOTED