



RainScapes Site Assessment Tool for On-Site Stormwater Management

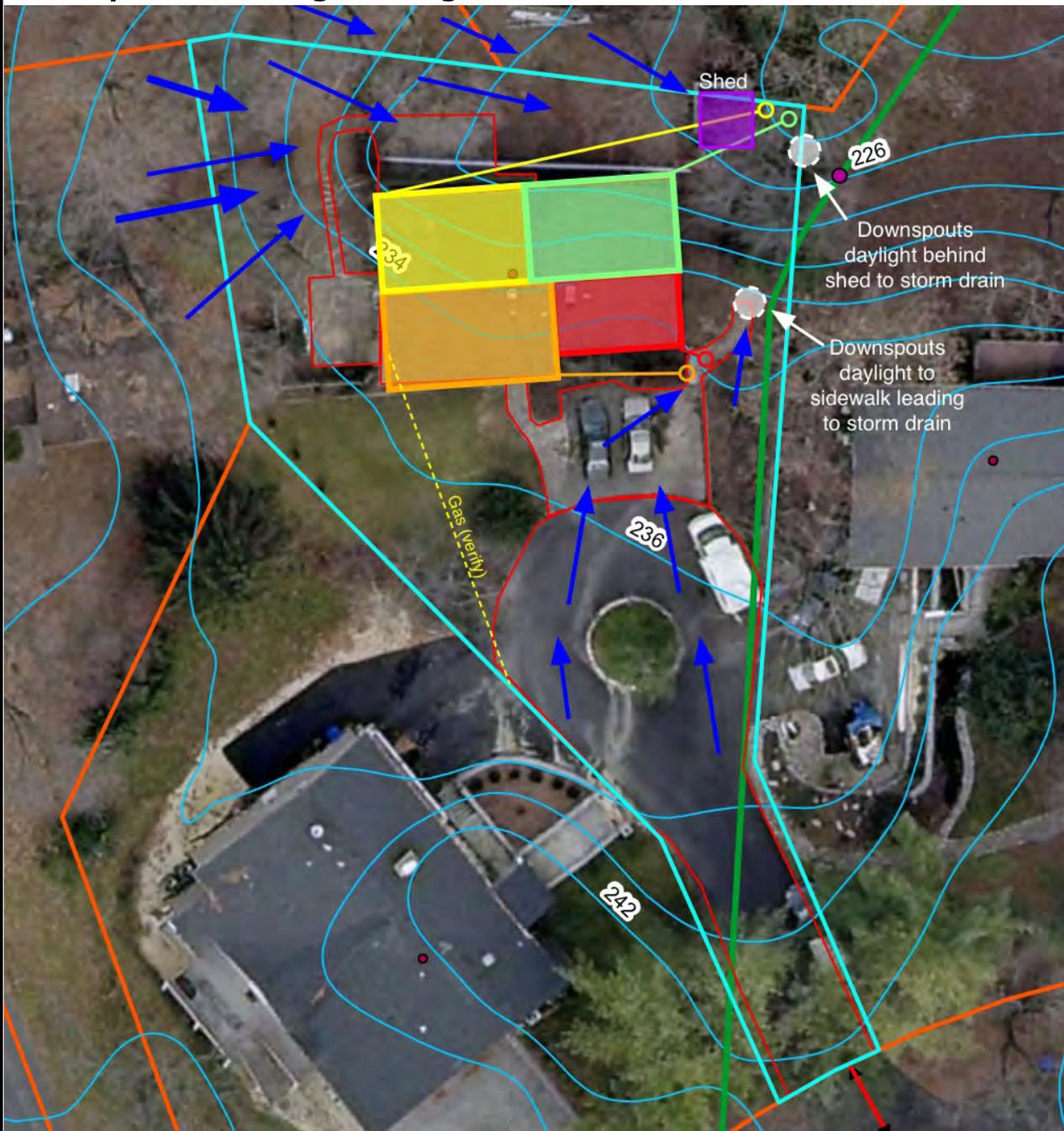
Property Tax ID:				RS Neighborhood:			
Name(s) of Property Owner(s):							
Property Address:							
Phone #:	Home:			Work:			Cell:
Email:							
Date of Site Assessment:			Name of Assessor:			Group or Company:	

RainScapes Recommended Project Type (see next steps on p. 6, best one is ✓*)			
✓	Project Type	✓	Project Type
	Rain Garden		Green Roof
	Conservation Landscaping		Permeable Pavement Retrofit
	Rain Barrel		Pavement Removal
	Cistern		Tree Canopy
	Dry Well		Other

General Site Overview for RainScapes Projects (Narrative)

General Site Overview for RainScapes Projects (Narrative) - Continued

Aerial photo showing existing conditions



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Photos:	Notes
<p>1.</p>  <p>Downspouts daylight to side walkway into storm drain</p>	
	<p>2.</p>  <p>Downspout daylights behind shed</p>

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Photos:

Notes

3.



4.



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Photos:

Notes



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Additional Photos



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Additional Photos



Aerial photo showing proposed conditions

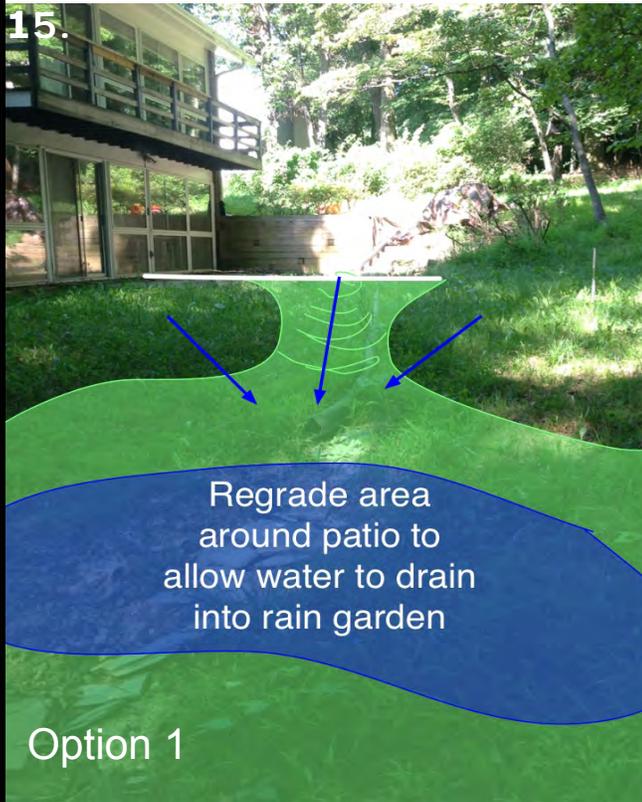


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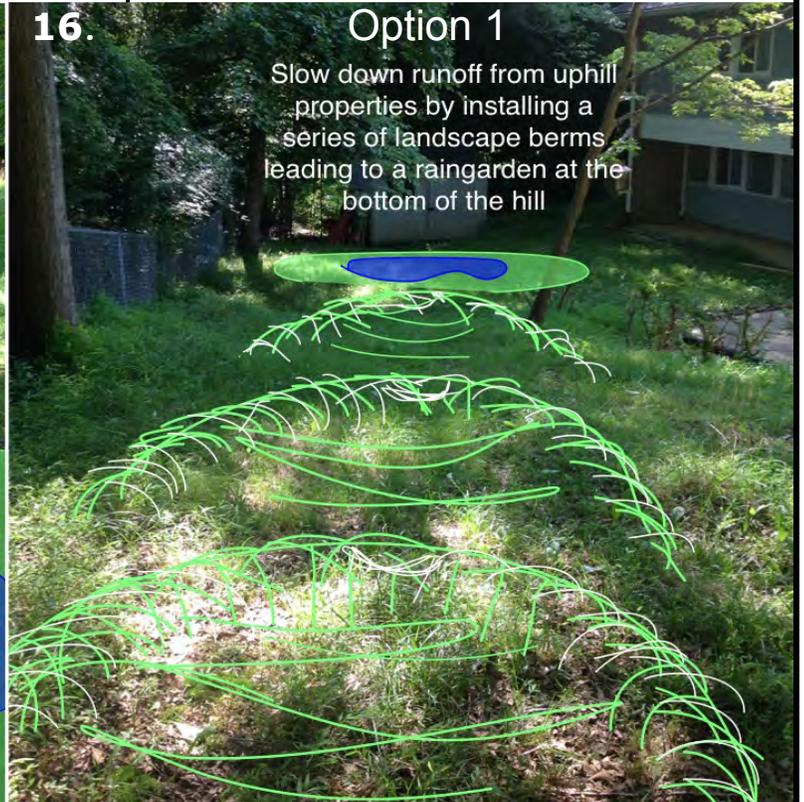
Photos:

Notes

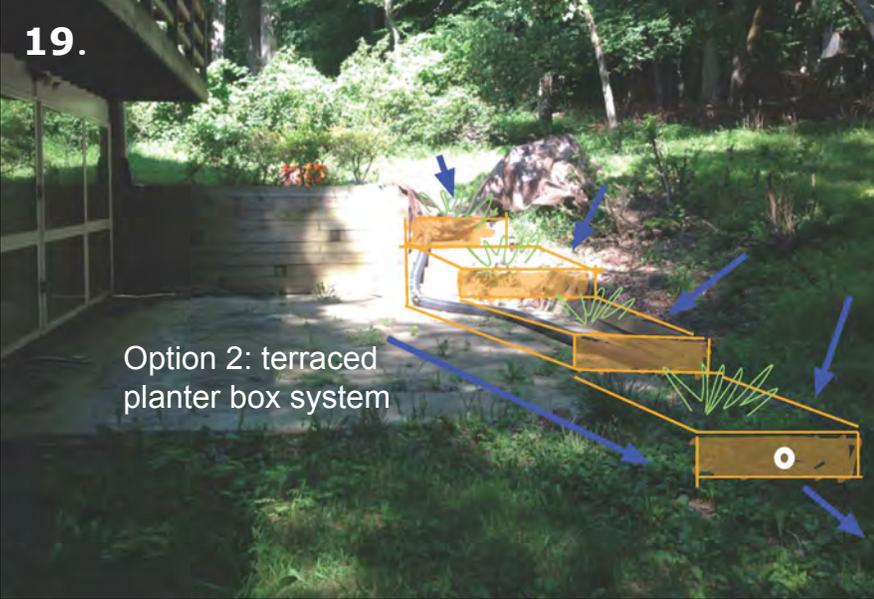
15.



16.



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Photos:	Notes
<p>19.</p>  <p>Option 2: terraced planter box system</p>	<p>18.</p>  <p>Option 3: Trench drain</p>

Next Steps to apply	Read the RainScapes Manual Chapter For the project type for your site www.rainscapes.org
Canopy Tree	Overhead wires? Enough room for roots?
Cistern	Do you have a place to overflow the excess water safely? Are you prepared to cut your downspout?
Conservation Landscape	Does the area capture water? Replacing turf or invasive species? Develop a planting plan.
Green Roof	Will the roof support a green roof?
Pavement Removal	Do you have a plan for the removed pavement? Do you have a plan for replanting the area?
Permeable Paver Retrofit	Have you done a perc test next to your driveway? Do you have a roof area that will drain to the pavement?
Rain Barrel	Do you have a place to overflow the excess water safely? Are you prepared to cut/ cut into your downspout to divert water to your rain barrel?
Rain Garden	Do the soils in the area where you want a rain garden perc? Determine the size of the rain garden. Develop a planting and installation plan.

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Site Information Summary	Y/N or Code /location on aerial image	Square foot estimate/ location
Access to Site: Foot Access only (FA), Small Equipment (SE), Larger Equipment (LE)		
Disconnected Downspouts (roof area in Square feet draining to pervious areas)		
Downspouts that are buried and do not daylight on the property (roof area SF)		
Downspout condition(s)		
Obvious flowpaths or flooding/ponding: (Y/N)		
Non roof impervious area (SF) (sidewalk, patio, etc.)		
Yard Slope (Front) (map) – Low (L), Moderate (M), Steep (S)		
Yard Slope (Back) (map) – Low (L), Moderate (M), Steep (S)		
Landscaping Effort: High (H), Medium (M), Low (L)		
Connected Downspouts (roof area in SF draining to pavement and to the street)		
Overland flow from street to lot: (Y/N) Estimated Area: (SF)		

Overland flow from adjacent lot? (Y/N) Estimated Area: (SF)		
Sump Pump or Basement Water: (Y/N) Frequency: Infrequent (I), Often (O)		
Right of Way edge condition: Curb & Gutter (C), Open Section (O)		
Condition of Drainage in the ROW: Clean & Dry (CD), Flowing or Standing Water (FSW), Sediment (S), Organic Matter (SM), Trash (T), Long Term Parking (LTP), Erosive Flows (EF)		

Driveway Evaluation: <i>To determine suitability of a permeable pavement retrofit</i>				
Slope	Is there positive drainage away from house?	Are there nearby trees?	Estimated Size	Feasibility (1-5) 1= very feasible
Driveway material: Concrete (C), Asphalt (A), Gravel (G), Other (O)				

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RainScapes Project Data and Recommendations (place * for best option)								
✓	Project Type						SF	Gallons Treated
	Rain Garden	Impervious DA:		Total DA*:		Project Size:		
	Conservation Landscaping	Impervious DA:		Total DA*:		Project Size:		
	Rain Barrel	Roof Area:		# of Barrels:		Project Size:		
	Cistern	Roof Area:				Project Size:		
	Dry Well	Roof Area:		Dimensions:		Project Size:		
	Tree Canopy	# of Trees:		Species:				
	Permeable Pavement Retrofit	Driveway Area:				Project Size:		
	Pavement Removal	Removal Area:		Replacement Type: (turf, native plants, rain garden, and/or trees)				

*INCLUDE OFFSITE DA if Applicable

Summary Info for most likely Project		
Project Type	Quantity	Unit
Impervious Drainage Area (indicated offsite SF too)		SF
Project Footprint		SF
Inches of Rain Stored		Inches
Surface Ponding (3" depth if CL, 6" depth if RG)		CF
Media Storage Capacity (40% if replacement; 28% otherwise)		CF
Total Storage		Gallons
Sum of all IA treated		SF

Supporting Documentation		
✓	Action taken	Date
	Report submitted online (web-based portal) ____ or email ____ Filename:	
	Report Mailed	
	Sketch Plan on ortho photo Included	
	Additional Site Assessment Narrative Included (Optional)	
	Photos (photo locations identified on Ortho photo)	