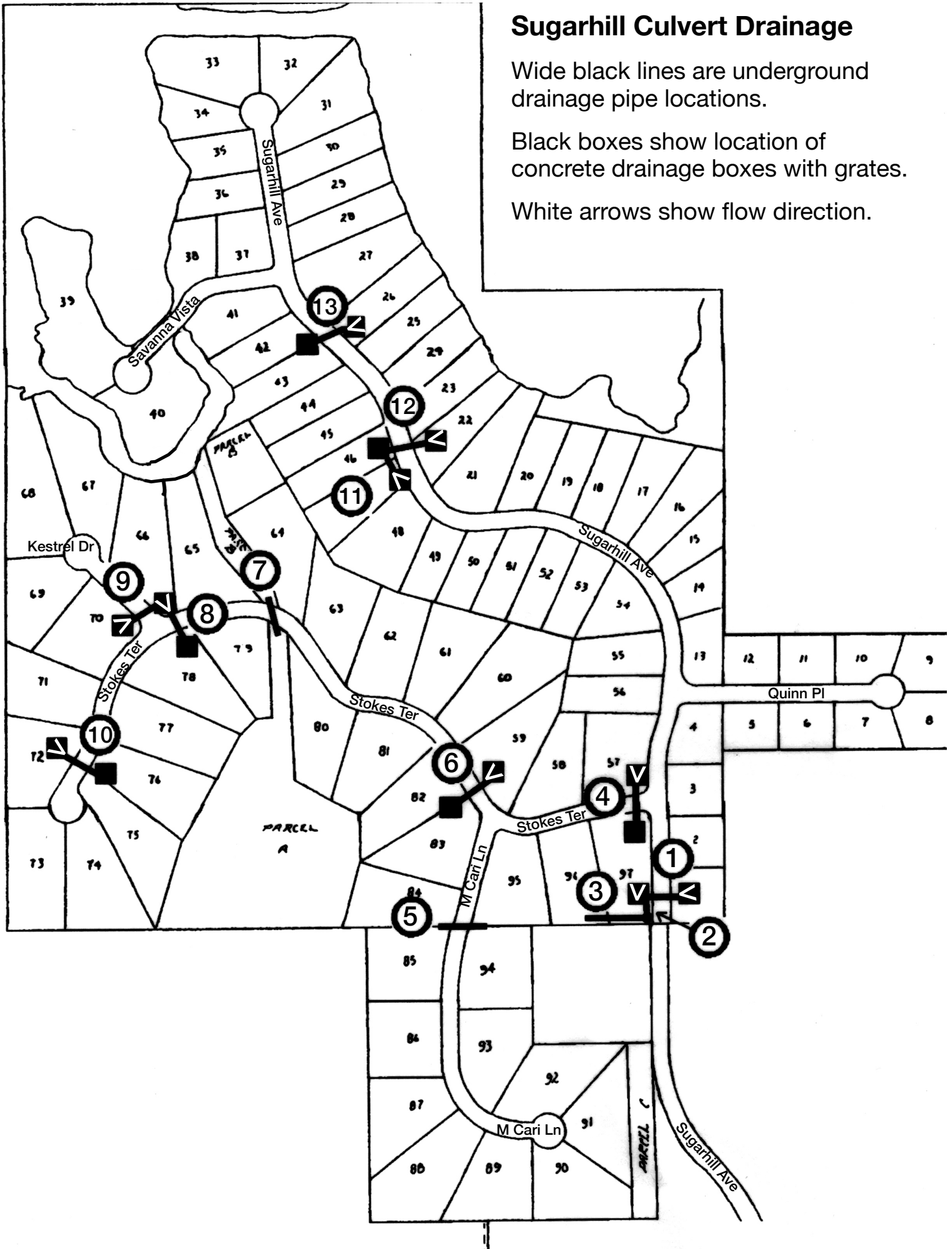


## Sugarhill Culvert Drainage

Wide black lines are underground drainage pipe locations.

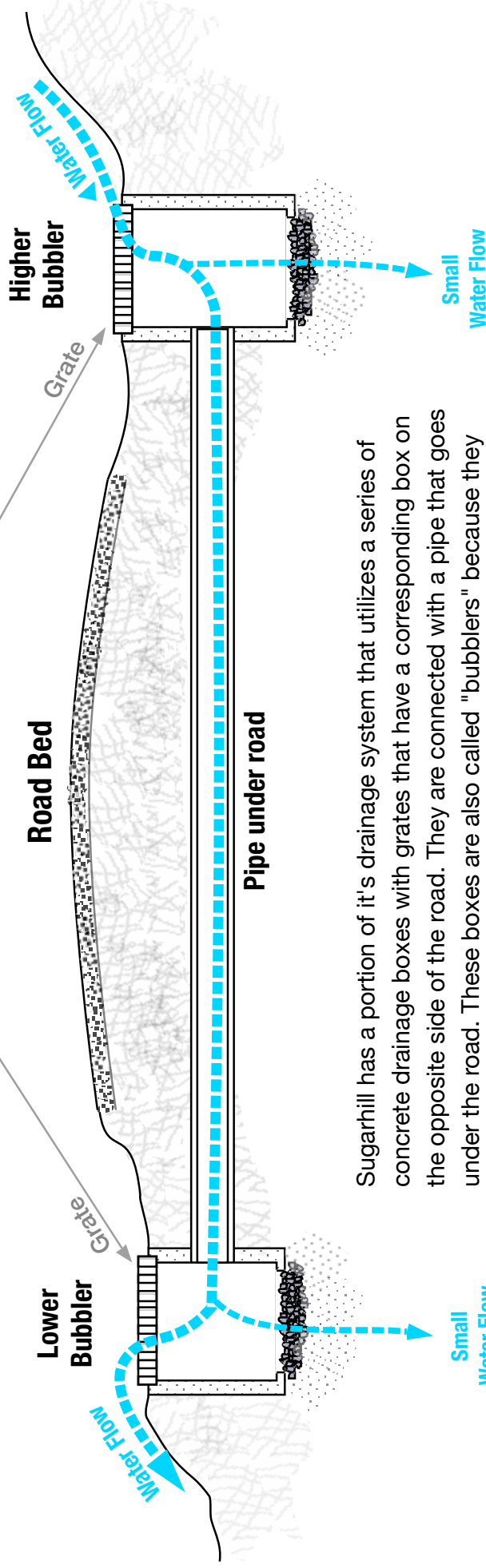
Black boxes show location of concrete drainage boxes with grates.

White arrows show flow direction.



# Understanding The Drainage "Bubbler" System Used In Sugarhill

Sugarhill has a covenant that requires all residence that have drainage boxes with grates to keep them clear of debris and keep lawn grass cut back. The covenant also requires the owner make sure water won't be slowed from draining away from the lower bubbler grate.



Sugarhill has a portion of it's drainage system that utilizes a series of concrete drainage boxes with grates that have a corresponding box on the opposite side of the road. They are connected with a pipe that goes under the road. These boxes are also called "bubblers " because they don't take water away from Sugarhill but rather they keep water from a higher elevation roadside from flowing across the road.

The higher ground bubbler takes water in that would otherwise cross the road then bubbles it up and out of the lower ground bubbler. The full intent of this is to keep water from flowing across and damaging our roads.