SouthHill Redevelopment

Soil Data:

Soil Key

There are four main soil layers on the site. The layered brown Mollisol complex, taking up about 70% of the site, is a soil made up of materials between 0 and 45 inches deep. The soil type is loam or clay loam between 0 and 10 feet. For steeper locations on the site we may need to amend the soil to achieve good drainage and retention.

Slope Inventory:

As with the climate, there is a variety of slopes on the site. Some are flat, less than 3%, but some are steeper, greater than 25%. Some of the steeper slopes on the site are highly vegetation with trees and grass. The majority of slopes on the site are less than 3%.

Climate Data:

The climate in Mason City is very similar to Chicago. July is very warm with an average temperature of 85°F. August is very hot with an average temperature of 80°F. There is also a wide range of precipitation with the summer months receiving a little precipitation and the winter months receiving much more, usually a foot or more. This indicates that much of the plants will need to be somewhat drought tolerant to the summer or require artificial water.

Photo Analysis

1. Entry Ave. Entry - A wide front yard from right onto site.
2. Large deck of front of the site in excellent condition, some need- ed for the bush in winter. Path of snow have been clearly laid to prevent any damage and could use professional attention for better soil retention.
3. Paved driveway has no sense of space and has a need to expand to encourage vehicles. The area is close to the apartment, however, there is difficultly moving children playing from the apartments. There is good west light and north shade.
4. Building will have potential to be a center of the housing area. Very good shape and receives a significant amount of foot and vehicle arrival. There is also an excellent area on both sides of the lot.
5. Entrance is from Taft Ave. Water flow directly through the sidewalk, bypassing drainages because of poor placement.
6. The low point on the site with a drain to sewer and water utility runs.

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