

2015 Landscape & Shoreline Project

195 Mound Ave
Tonka Bay, MN 55331

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CITY OF TONKA BAY

Summary:

The project scope for the property is two-fold; update the boulder retaining walls and install seventy-five linear feet of rip-rap shoreline work. The designer, Tim Johnson, has created a landscape plan with three tiered boulder walls, a portion of which will require engineering after pre-approval from the Minnehaha Creek Watershed District and the City of Tonka Bay.

Deck Steps (Variance):

There is an existing wooden staircase that will remain throughout the project and Southview is only proposing to add an additional staircase off the main bottom landing down onto the proposed sand patio, and it will match the style of the existing steps (see pre-con photos). Please see the plan and cross-section for more detail.

Fieldstone Boulder Walls (CUP):

The boulder walls are proposed to help retain the steep hillside grade, create a more aesthetically pleasing view from Lake Minnetonka, all while creating a lower sand patio between the last two lower tiers to the right of the lowest deck landing. The second tier wall will need engineering due to the advanced height, and SVD will submit once we have direction from the city and MCWD to move forward. The boulder wall work will be very extensive, but SVD plans to take utmost care in preserving the existing trees on the hillside with treatments by Rainbow Treecare prior to construction and follow-up tree care post construction, along with tree guards to create a protective boundary. Please see the plan and cross-section for more detail.

Shoreline Rip-Rap:

The installation of seventy-five linear feet of rip-rap shoreline work will be per the MCWD and the DNR's specifications. The rip-rap is centered on the property's shoreline and includes irregular Chilton stone steps extending out at a 1:3 slope with the rip-rap, that replaces the unsightly existing stone steps (see pre-con photos). Please see the plan and cross-section for more detail.



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