



September 25, 2020  
File: 193804640

**Attention: Parks Commission**

City of Minnetonka Beach  
2945 Westwood Road  
Minnetonka Beach, MN 55361

Dear Phil,

**Reference: Half Moon Park Playground Review**

We have reviewed the site plan for the proposed playground at Half Moon Park. The site plan is by Landscape Structures and is dated 9-22-20200. This plan is being reviewed as and held to the same standards as a private lot home rebuild project. We have the following comments with regards to engineering matters:

- Through a combination of increasing the engineered wood fiber area and reducing the existing impervious path area, the project reduces the impervious surface area by approximately 145 square feet. The existing conditions data is based on a 2011 park survey and 2020 measurements. A summary of the information is below.

Existing Site	Square Feet	Ground Cover Type	Impervious Square Feet
Existing Play Area	2484	EWF	0
Existing Play Area	96	PIP	50
Existing Play area	105	plastic edge	105
Existing Walk	1052	Gravel	1052
Grass Area	21263	Grass	0
<b>Total</b>	<b>25000</b>		<b>1207</b>

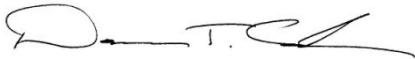
Proposed Site	Square Feet	Ground Cover Type	Impervious Square Feet
Proposed Play Area	3007	EWF	0
Proposed Play Area	247	PIP	247
Proposed Play Area	111	Conc curb	111
Gaga Pit	195	Impervious	195
Proposed walk	509	Conc/gravel	509
Grass Area	20931	Grass	0
<b>Total Area</b>	<b>25000</b>		<b>1062</b>

Net Impervious -145

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- The reduction in impervious area will reduce the amount of runoff leaving the site.
- The playground information packet provides evidence that temporary erosion control devices are planned and budgeted. An erosion control plan/sketch shall be provided prior to any grading or removal activities.
- Minor grading is proposed immediately around the proposed playground to match the existing grade and is acceptable. Existing drainage patterns around and near the existing playground must be maintained with this plan.
- An approved MCWD permit will need to be provided prior to removal or grading activities.
- The plan is acceptable from a site grading and stormwater review standpoint.

Regards, Stantec Consulting Services Inc.



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