

Memorandum

To: Brent Damman - Zoning Administrator
From: Adam C. Hoff, P.E. - City Engineer *ACH*
cc: Jon Bisher, Tony Cotter, Jeff Marihugh
Date: November 8, 1999
Subject: Kidz Kingdom - Plan Review

Based upon my review of the preliminary plans submitted for the referenced project, it is my recommendation that details for site drainage and under drains need to be provided prior to the approval of the plan. As currently proposed, it appears that the plan requires excavation for the placement of sixteen (16) inches of wood chips. As the proposed site has primarily heavy clay soils, I am concerned that the excavated area will retain water causing the proposed wood chips to decompose. It is my recommendation that the excavated areas be sloped to an underdrain system and overlaid with at least six (6) inches of stone beneath the wood chips.

If you have any questions, please see me.

505 Glenwood

City of NAPOLEON, OHIO

255 WEST RIVERVIEW AVENUE, P.O. BOX 151
NAPOLEON, OHIO 43545-0151
(419) 592-4010
FAX (419) 599-8393



December 27, 1999

Ms. Christine M. Lankenau
315 Briarcliff Drive
Napoleon, Ohio 43545

Mayor
Donald M. Stange

Re: City of Napoleon
Kidz Kingdom Site Plan Review

Dear Ms. Lankenau:

Members of Council
Michael J. DeWit, President
Terri A. Williams
James Hershberger
Travis B. Sheaffer
Char Weber
David F. Miller, Jr.
Glenn A. Miller

I have reviewed the site plan presented to the City for the proposed Kidz Kingdom complex and have some concerns regarding the drainage system, or lack thereof, for the proposed facility. The specifications for the proposed facility require that a drainage layer be provided and state that "The drainage system beneath the wood fiber varies depending upon your specific situation." The specifications further state that "The wood fiber must be separated from the drainage layer and the drainage layer must be separated from the existing ground by geotextile fabric." The site plan provided does not have a cross-sectional view of the facility showing any drainage layer, only a reference to sixteen (16) inches of wood fiber.

City Manager
Dr. Jon A. Bisher

Additionally, it is unclear from the site plan as to whether the area for the proposed facility is to be excavated below the existing grade of the proposed site or if the facility will be placed on the surface. If the area is to be excavated, subsurface drainage (i.e. - perforated tile) will also be required as the soils at the proposed site are heavy clays and rain water that leaches through the wood chips will not dissipate quickly. In essence, any excavation would act very much like a pond without some form of subsurface drainage.

Finance Director
Gregory J. Heath

Law Director
David M. Grahm

Please have the required cross-sections showing details of the drainage layer prepared and provide my office with four (4) copies for our review. Also, if the area is to be excavated, please provide my office with four (4) copies of a drainage plan for the site. This information will be required prior to the issuance of a zoning permit by the City.

City Engineer
Adam C. Hoff, P.E.

If you have any questions or require further information, please call my office at (419) 592-4010.

Yours truly,

Adam C. Hoff, P.E.
City Engineer

ACH:rd

cc: Dr. Jon A. Bisher, City Manager
Mr. Tony Cotter, Parks & Recreation Director
Mr. Brent Damman, Bldg. & Zoning Administrator
Mr. Matt Gloor

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Records Retention ENG-018 Permanent

City of Napoleon
Engineering Dept.

City of Napoleon
255 W. Riverview Ave.
Napoleon, Ohio 43545

Phone: (419) 592-4010
Fax: (419) 599-8393

505 61st Wood Memorandum

To: Brent Damman - Building & Zoning
Administrator
From: Adam C. Hoff, P.E. - City Engineer *ACH*
cc: Jon Bisher, Tony Cotter, Jeff Marihugh
Date: January 10, 2000
Subject: Kidz Kingdom - Site Plan Review

I have received satisfactory responses to my comments regarding site drainage for the proposed Kidz Kingdom (see attached letter). Based upon my review of the plans submitted, I hereby approve the site plan as submitted. The proposed site will not create additional runoff from the site.

If you have any questions, please see me.

**KIDZ
KINGDOM**
Building the Dream Together

RECEIVED

JAN 10 2000

CITY OF NAPOLEON

January 6, 2000

Mr. Adam Hoff, P.E.
City Engineer
City of Napoleon, Ohio
255 West Riverview Avenue
Napoleon, Ohio 43545-0515

Re: Kidz Kingdom Site Plan

Dear Mr. Hoff:

In response to your December 27, 1999 letter requesting additional information on the drainage system for the proposed playground complex, a cross section detailing the drainage system is enclosed. Detail 1 on the enclosure shows the cross section for Kidz Kingdom. The detail shows that a filter fabric will be placed on existing grade. No excavation is planned. Above the filter fabric is a four-inch layer of gravel, another layer of filter fabric and then the sixteen inches of woodfiber mulch.

As requested, four copies of the cross section are enclosed.

I hope this answers your questions. If you have any additional questions, please call me at work, Midwest Environmental Consultants, Inc., at (419) 891-1800 or at home at 592-2953.

Sincerely,

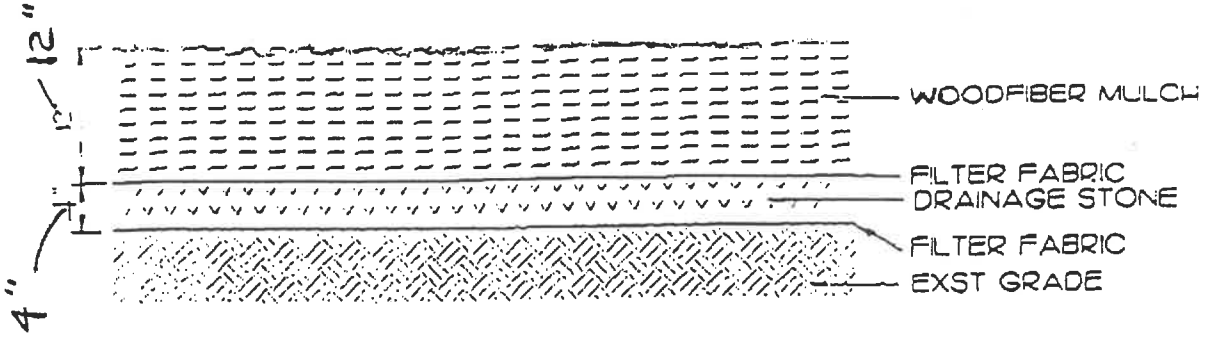


Timothy J. Schumm, P.E.
Kidz Kingdom Tri-Chair

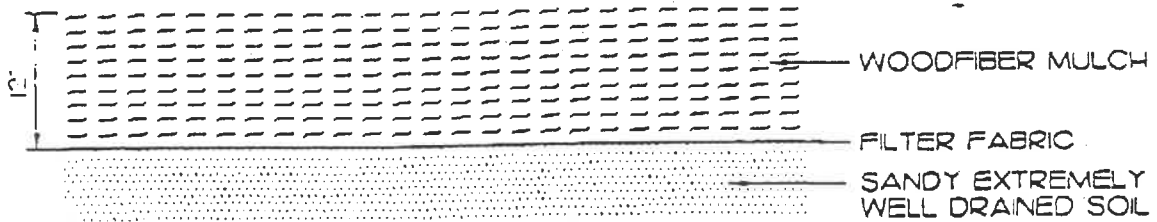
enclosures

Make Checks Payable To:
Henry County Community Foundation
C/O Operation Playground
611 N. Perry St.
Napoleon, OH 43545
(419) 592-1786
Bill Panning, Treasurer

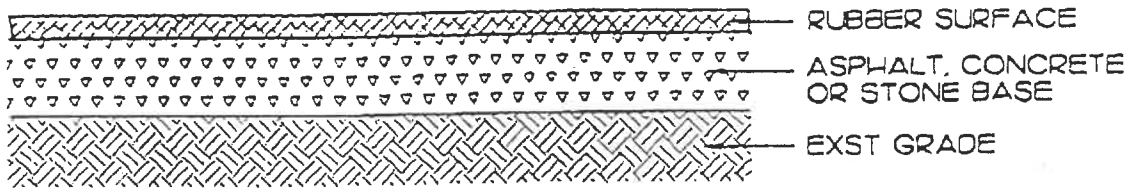
SURFACING



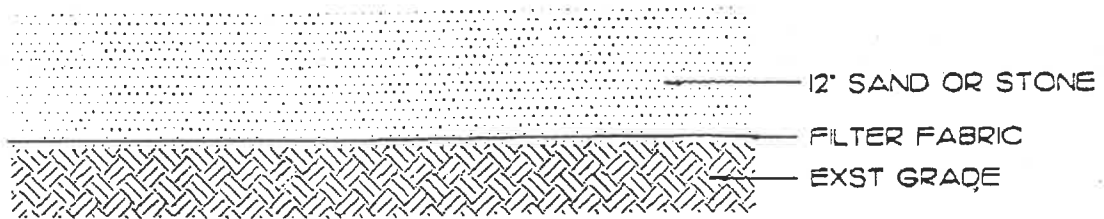
1 WOOD FIBER- 16" PROFILE



2 WOOD FIBER - 12" PROFILE



3 RUBBER



4 STONE OR SAND

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LEATHERS & ASSOCIATES

99 Eastlake Road
Ithaca NY 14850
Phone 607 277-1650
Fax 607 277-1233

SURFACING

3/4" x 1'-0"

Job Number:

SURFACE

Drawn By:

MSL

Date:

JAN 95

Drawing No.

3