

Jolanda Streifel  
PID: 07-1-128500

Approved for  
-780sf Accessory Building  
(30x26)

With condition: move shed to  
meet 30ft ROW setback once  
garage is built.



Jun 21, 2024 at 11:52:08 AM  
23638 T1026  
Aitkin MN 56431  
United States



**Becklin & Whitney**  
*Consulting Engineers, Inc.*  
139 1<sup>ST</sup> AVE. E., SUITE 100  
P. O. BOX 471  
CAMBRIDGE, MN 55008  
PHONE (763) 689-5631 FAX (763) 552-5631

October 30, 2023

Jolanda Streifel  
614 24<sup>th</sup> Ave S  
Grand Forks, ND

Garage to be 10ft from mound rockbed  
based on this report.

RE: Review of Setback to  
Septic System Mound Rock Bed  
23666 Cedar Lake Drive  
Aitkin, MN

To Whom It May Concern:

**Introduction**

The owner is planning to build a new 24 foot E/W x 28 foot N/S detached garage. The existing garage will be removed. We were asked to comment on setback of new garage to Septic Mound Rock Bed. The NW corner of the rock bed has been flagged by a Septic Installer.

**Discussion**

The septic system rock bed must be at least 10 feet from proposed garage. Garage must be built on a floating slab. Frost depth foundation is not allowed. The proposed garage will impinge on the mound slope backfill area. There must be positive drainage from mound and garage. The garage slab must have reinforced masonry at least 40 inches in height minimum where mound slope intersects garage wall.

**Conclusions**

**A new garage can be built 10 feet minimum from NW corner of septic mound rock bed. Garage must be built on a floating slab and slab must have at least 40 inches of reinforced masonry on top of slab where garage foundation intersects mound slope. Provide positive drainage away from garage foundation wall and septic mound. The function of the Septic System will not be affected by the new garage. Do not drive machinery on septic mound.**

**Attachments:**

**Photos**  
**Related Documents**



I HEREBY CERTIFY THAT THIS PLAN,  
SPECIFICATION, OR REPORT WAS PREPARED BY ME  
OR UNDER MY DIRECT SUPERVISION AND THAT I  
AM A DULY REGISTERED PROFESSIONAL  
ENGINEER UNDER THE LAWS OF THE STATE OF  
MINNESOTA.

*William A Becklin*

WILLIAM A. BECKLIN, P.E.

DATE: OCTOBER 30, 2023

LIC. NO. 18494



Lathe is NW corner of rockbed and pink flag in middle is SE corner of garage.



Jun 21, 2024 at 11:53:13 AM  
23638 T1026  
Aitkin MN 56431  
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Jun 21, 2024 at 11:51:23 AM  
23684 T1026  
Aitkin MN 56431  
United States

