

**Permit Submittal Date: 4-6-18****Trash Calculation for FVB - Health Center***(Per Table 19.51.1 of Bloomington, MN City Code:)*

First 15,000 s.f. = 4s.f. per 1,000s.f.

More than 15,000 s.f. = 2s.f. per 1, 000 s.f.

Proposed HC square footage (in s.f.):

Floor	Phase 1	Phase 2
1st	27,620	22,229
2nd	23,943	21,003
3rd	21,216	20,985
Total	72, 779	64,218
Total Building	136,997	

Trash space required:**

Phase 1	Phase 2
4 s.f. x 15 = 60 s.f. 2 s.f. x 58 = 116 s.f. 60 s.f. + 116 s.f. = 176 s.f. trash space required.	4 s.f. x 15 = 60 s.f. 2 s.f. x 50 = 100 s.f. 60 s.f. + 100 s.f. = 160 s.f. trash space required
176 + 160 = 336 s.f. trash space required for entire building	

** Calculation is based on Gross s.f. of entire building including corridors.

Recycling Calculation for FVB - Health Center*(Per 1303.1500 2015 Minnesota Provisions to the Minnesota State Building Code)*

Calculation based multiplication factor in Table 1-A:

"9. Children's home and homes for the aged = .0025 (includes all incidental uses of facility)"

Recycling space required:**

Phase 1	Phase 2
.0025 x 72,779 s.f.= 182 s.f. recycle space required.	.0025 x 64,218 s.f.= 161 s.f. recycle space required
182 + 161 = 343 s.f. trash space required for entire building	

** Calculation is based on Gross s.f. of entire building including corridors.

Total Trash/Recycling Area Required (without Compactor):

Phase 1	Phase 2
176 s.f. + 182 s.f. =(trash+recycle) 358 s.f. trash space required.	160 s.f. + 161 s.f. (trash+recycle) 321 s.f. trash space required
358 s.f. + 321 s.f. = 679 s.f. Total Refuse Space Required	



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60% Reduction Allowance Totals (include compactor in Phase 2 area):

<i>Phase 1</i>	<i>Phase 2</i>
176 s.f. + 182 s.f. =(trash+recycle) 358 s.f. x .4 = 143 s.f. trash space required.	160 s.f. + 161 s.f. (trash+recycle) 321 s.f. x .4 = 129 s.f. trash space required
143 s.f. + 129 s.f. = 272 s.f. Total Refuse Space Required	

Proposed Trash/Recycling square footage (in s.f.):

<i>Floor</i>	<i>Phase 1</i>	<i>Phase 2</i>
1st	70.9	52.07
2nd	104.63	52.07
3rd	104.63	52.07
L.L.	82.4	387.07
<i>Total</i>	<i>362.56</i>	<i>543.28</i>
Total Building	***906.84 Total Space Provided	

*** total proposed complies and exceeds required trash/recycling area.

Johnson, Nick M

From: Jon Lindstrom <jlindstrom@sasarch.com>
Sent: Wednesday, May 30, 2018 10:39 AM
To: Johnson, Nick M
Subject: Re: Friendship Village Trash

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Nick,

We are planning to have the compactor as part of Phase 2 trash room, yes.

~Jon.

On Wed, May 30, 2018 at 10:29 AM, Johnson, Nick M <nmjohnson@bloomingtonmn.gov> wrote:

Jon,

Is Friendship Village committing to a trash compactor for the health center do you know? Or is that referenced in the calculations as an either/or scenario?

Thanks,

Nick M. Johnson | Planner

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