

## Re: Floor Plan Sketch in Excel

**Source:** <http://www.tech-archive.net/Archive/Excel/microsoft.public.excel.misc/2004-02/5665.html>

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**From:** Alan (*anonymous\_at\_discussions.microsoft.com*)

**Date:** 02/27/04

Date: Thu, 26 Feb 2004 18:35:34 -0800

Thanks for the suggestions.

I already have Excel hooked up to a popular 3rd party 2d sketch package via VBA. I can start the 3rd party package, draw the diagram, transfer the image, sq footage and other info to excel and include this in the excel report.

After playing with the Excel drawing package, I think Excel can provide similar functionality with a little VBA code. I consider some of the Excel drawing options easier to work with than the 3rd party sketch packages. This will be really slick if I can get it to work, you'll be able to fill out the entire report and sketch in excel.

The only piece missing from Excel which I don't think I can provide is the area calculation for a freeform shape object. I'm sure somebody has already done this, I just need to find it. I've been searching google and other forums trying to find an Excel compatible area calculation tool, no luck so far.

I think the Excel drawing option already uses some area calculations to provide fill color, I'm surprised they did not make this available in the interface.

>-----*Original Message*-----

>*You can do it with VBA, although it has a seriously odd object model.*

>

>*I have a great example that builds a visual job-schedule, you add a job,*

>*start and end times, and it puts a arc on the 24 hour clock/wheel.*

>

>--

>

>*HTH*

>  
>*Bob Phillips*  
> ... *looking out across Poole Harbour to the Purbecks*  
>(remove nothere from the email address if mailing direct)  
>  
>"Frank Kabel" <frank.kabel@freenet.de> wrote in message  
>news:uoAMAxL\$DHA.3712@tk2msftngp13.phx.gbl...  
>> *Does that calculate areas? – not quite sure and just*  
*curious :-).*  
>> *I just entered 'floor sketch plan' in Google and*  
*received a lot of*  
>> *useful looking hits*  
>>  
>> --  
>> *Regards*  
>> *Frank Kabel*  
>> *Frankfurt, Germany*  
>>  
>> *Bob Phillips wrote:*  
>> > *like Visio.*  
>> >  
>> >  
>> > "Frank Kabel" <frank.kabel@freenet.de> wrote in  
message  
>> > news:OLTXSVL\$DHA.2316@tk2msftngp13.phx.gbl...  
>> >> *Hi Alan*  
>> >> *AFAIK there is no such Add-In for Excel (Excel has*  
*just some simple*  
>> >> *drawing capabilities). Your probably should look*  
*for a specific*  
>> >> *application to do this (try a Google search for*  
*this)*  
>> >>  
>> >> --  
>> >> *Regards*  
>> >> *Frank Kabel*  
>> >> *Frankfurt, Germany*  
>> >>  
>> >> *Alan wrote:*  
>> >>> *Is there a way to draw a floor plan sketch in*  
*Excel, then*  
>> >>> *calculate the area? The Excel freeform polygon*  
*drawing*  
>> >>> *tool lets you draw a polygon, but I haven't found*  
*a way*  
>> >>> *to caclulate the polygon area.*  
>> >>>  
>> >>> *Is there an excel sketch addin (or other utility)*  
*which*  
>> >>> *allows you to draw a floor plan sketch and*  
*calculate the*

>> >>> *sq footage?*  
>> >>>  
>> >>> *Is there an area calculation utility which will  
calculate  
>> >>> the area for an excel freeform polygon?  
>> >>>  
>> >>> For reference, I posted this in the Excel  
Programming  
>> >>> forum also, no response so far.  
>> >>>  
>> >>> thanks.  
>>  
>  
>  
>  
>*