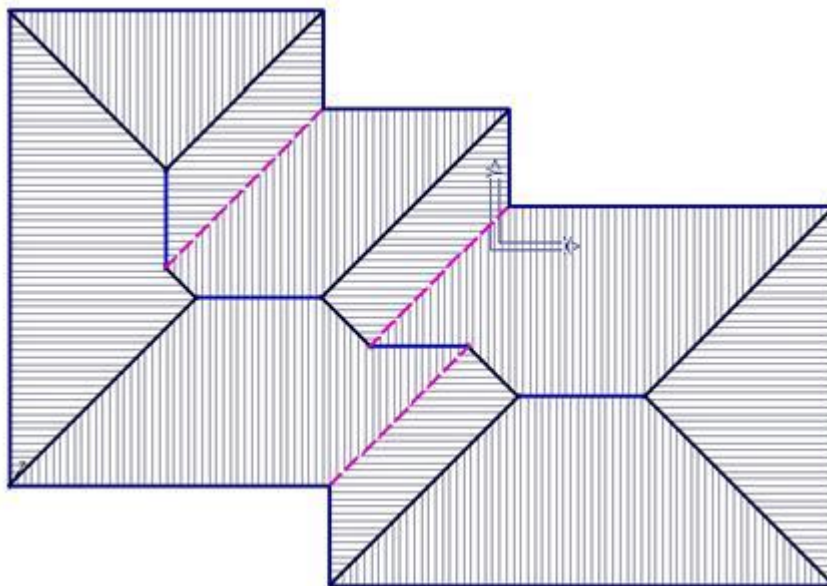


Number: 25
Objective: How to do Soffit
Commands used: Gen Roof | Verandah
Purpose: To take-off quantity of material for Soffit

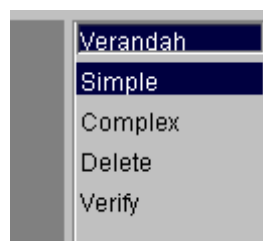
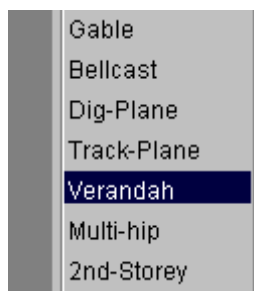
For those that looked and couldn't find anything, we don't have a specific command for soffit. However, we don't really need one as the Verandah command works quite nicely. Provided the soffit material is at 90° to the eave line, which we understand is most of the time.

Method:

1. First draw your roof. In our simple example of a shed:



2. Now select the **verandah** (porch), **simple** command and select all the eave lines to hang it off, instead of the wall! Select all eave lines that will have soffit under them. When you have finished selecting lines, right mouse click, and when prompted for which side of the displayed line to put the verandah, select **inside** the shed.



3. Then the verandah defaults dialogue box is displayed.

*Information in this note is applicable to Applicad's Steep Roof Products:
Sorcerer, Roof Magician, Roof Wizard and Roof Master.*

Verandah defaults

Roof type: Metal

Storey: 1

Type of Verandah: Straight

Fascia configuration: Fascia-Gutter

Width: 500.00

Height at wall: 2400.00

Start preparation: Hip

End preparation: Hip

Pitch: 0.20

Distance from first point: 0.00

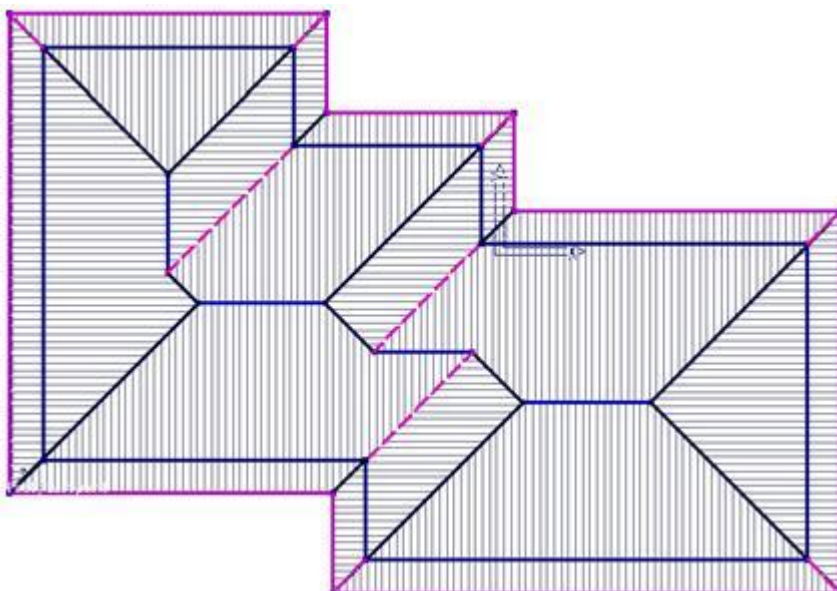
Distance from last point: 0.00

Underlap (for bellcast style): 0.00

Buttons: Cancel, Preview, Ok

Don't forget to use preview before you actually insert it so that you can check that you have defined everything correctly. You will see that the verandah is drawn inside the house, attached to the eave perimeter, just like a soffit.

If this is correct, select OK and it will be inserted.



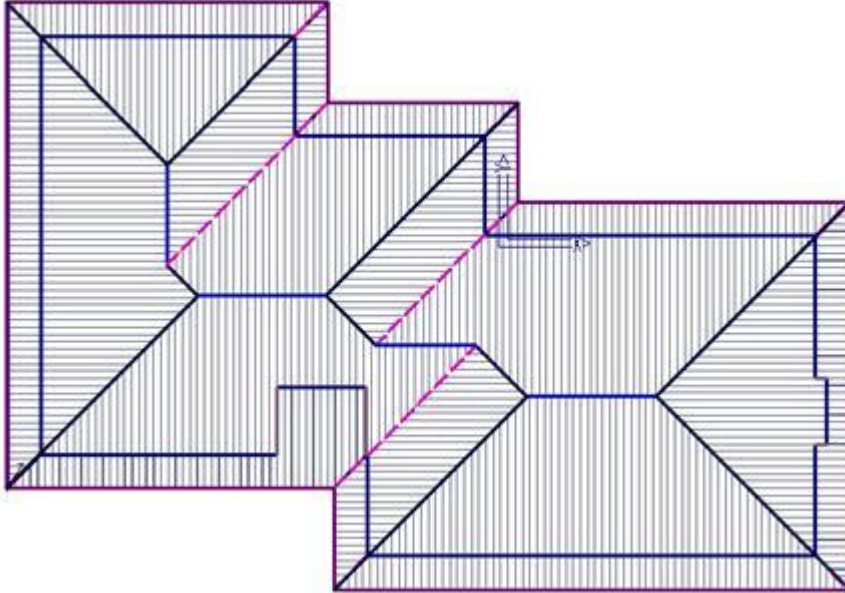
*Information in this note is applicable to Applicad's Steep Roof Products:
Sorcerer, Roof Magician, Roof Wizard and Roof Master.*

Tips and Tricks

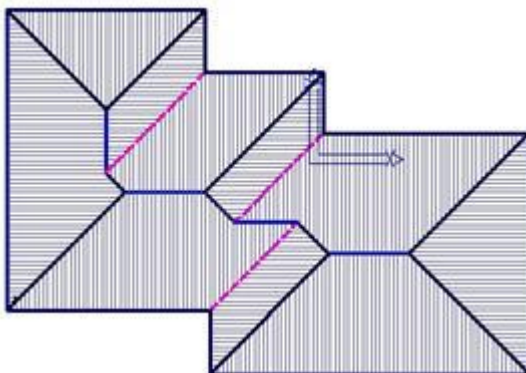
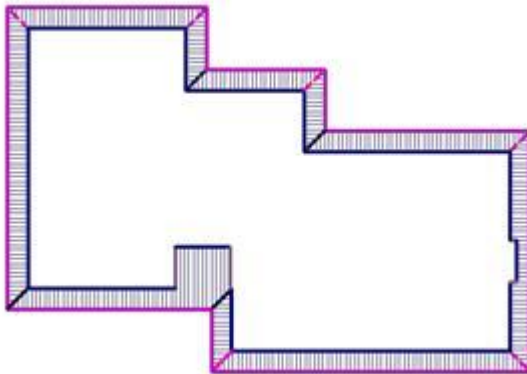
3 of 6

Items drawn from Applicad's Customer Service file

Next, because the verandah/porch slopes back up towards the eave from inside, we can use any atrium or drop-eave commands to modify the roof shape. In this example, I've added a little bit for example like a door alcove, and trimmed a little bit out to resemble an external flue or chimney:



We then use the move command to move these planes out separate to the existing roof:



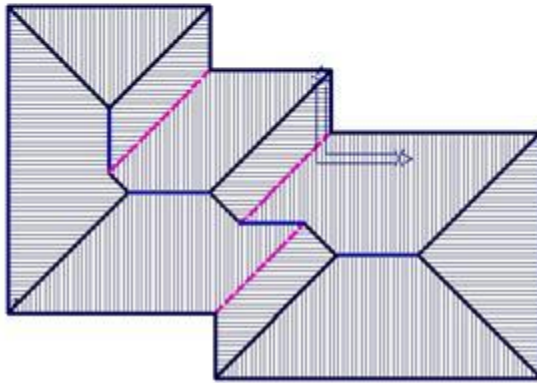
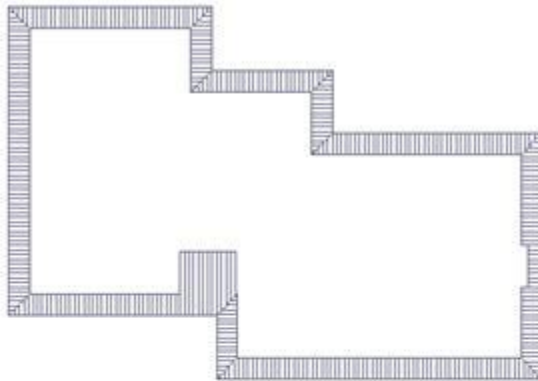
*Information in this note is applicable to Applicad's Steep Roof Products:
Sorcerer, Roof Magician, Roof Wizard and Roof Master.*

Tips and Tricks

4 of 6

Items drawn from Applicad's Customer Service file

We then modify the lines on the soffit to represent whatever they need to as far as flashings are concerned. For this example, I have made all the lines None:



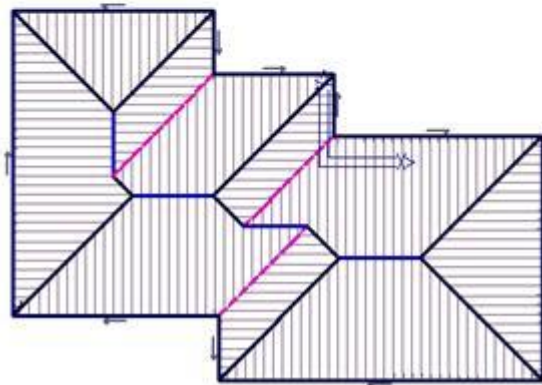
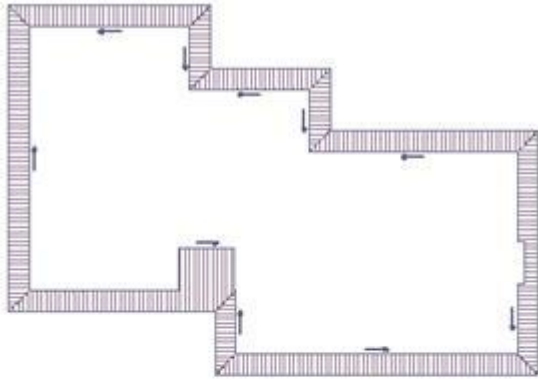
We then select **Cover -> Metal** to select the roof metal, and then we select **Cover -> Select One Plane** to select a different metal panel and select the soffit planes as the planes to insert the soffit panel on.

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Sorcerer, Roof Magician, Roof Wizard and Roof Master.*

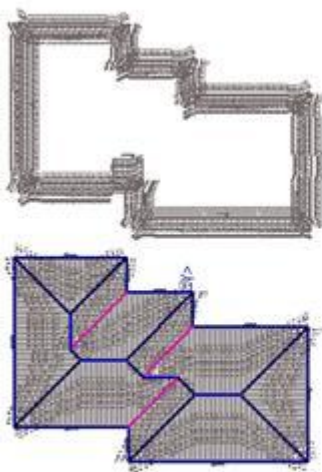
Tips and Tricks

Items drawn from Applicad's Customer Service file

We then Generate the Panels on and as you can see from below, I used panels of different width to display the differences:



When we tally then Panels, you can see that the software high lights the panels with the cut-list of which panel we have selected:



1:100.00

Panel Cutting List Summary

Material: MSMC, 2905141, Magna-Loc 90 (Flat) ACG, 22.00, 16.0

30 / 19' 10", 1 / 19' 8", 1 / 18' 10", 5 / 18' 8", 4 / 17' 10", 20 / 16' 10",
2 / 15' 10", 6 / 15' 8", 5 / 14' 10", 13 / 13' 10", 2 / 12' 10", 6 / 12' 8", 20 / 11' 10",
2 / 11' 8", 15 / 10' 10", 7 / 9' 10", 14 / 9' 8", 9 / 8' 10", 16 / 7' 10", 2 / 7' 8",
7 / 6' 10", 17 / 6' 8", 10 / 5' 10", 1 / 5'

Panel Accessories

Name	Code	Qty
3/8 x 3" x 16" Thermal Block	4323787	98644.000000
4 x 5" Bearing Plate	4323806	98644.000000
Magna-Loc 2.3/8 Floating Clip (Low)	4323302	98644.000000

Fasteners

Name	Code	Qty
------	------	-----

Total Panel Length : 2046' 2"
Total Panel Area : 3795 sqft
Total Roof Area : 4173 sqft
Waste : 6.1 %
0.dab : 1
Panel Allowances Used : <DEFAULT>

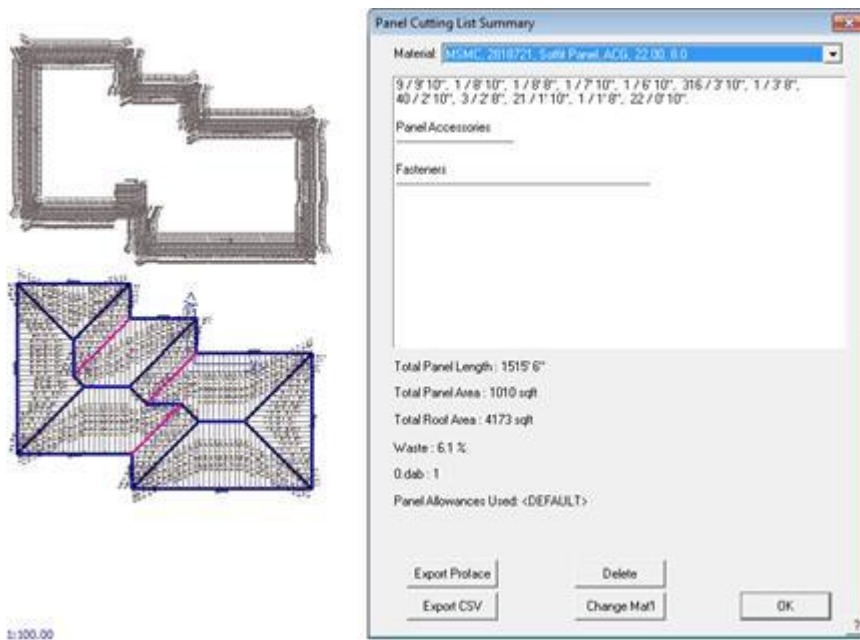
Export Pdface Delete
Export CSV Change Matl OK

Information in this note is applicable to Applicad's Steep Roof Products:
Sorcerer, Roof Magician, Roof Wizard and Roof Master.

Tips and Tricks

6 of 6

Items drawn from AppliCad's Customer Service file



Have fun.

If you have any problems, please drop the crew at AppliCad (Australia, USA, UK) and line.

Cheers

End

*Information in this note is applicable to AppliCad's Steep Roof Products:
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