Number: 021 Objective: Fall Anchor Points Commands used: Fixture and Various Others

The purpose of this note is to describe the definition and use of the Materials/Fixture command to add fall anchors to a drawing for planning and costing purposes.

First of all a fall anchor must exist as a fixture. Refer to the user guide on how to do this in more detail, however, loosely follow these steps.

First draw a symbol that you wish to use to define a fall anchor. I used a square with a cross in it. You can draw anything you like. One way is to use the Q-Roof / Track / Line command. Then draw a circle that defines the extent of the tether or lifeline – use CAD / Circle / Insert / Radius= and drop it in the centre of the square. The radius of the circle should equal the extent of the tether at full stretch and add a bit for a 6-foot hairy armed roofer (so he doesn't hit the ground!)

I ended up with a drawing like this -

You can draw as much detail as you like.



Now from the pulldown menu select File / SubFig / Save As and in the Fixtures.dab database add your fall anchor sub figure. This will be used as the symbol for the fall anchor when we define the part under materials.



Tips and Tricks

Items drawn from AppliCad's Customer Service file

	Sub-Figure	
	FallAnchor 3600mm	
	Drain FallAnchor 3600mm Pop Skylight Ventilator	
~		
-		
er		
~		
	Save Preview	OK
\sim	🔽 Save Full	Cancel
	er	FallAnchor 3600mm

If you need more than one for example if your guys have different length lifelines, simply draw a few more. It would be useful to include some descriptive text or part number in the symbol so that it may be identified later on the roof plan.

Now from the Main Menu (right hand side of work area) select Materials / Fixtures because we are about to define a new "material" item – a fixture called a FallAnchor.

Insulation
Membrane
Flashing detai
Fixtures
DownPipes
Extra-Items
Misc-Items
Area-Names

Tips and Tricks

Items drawn from AppliCad's Customer Service file

Name of fixture	Fall Anchor - 3600mm		
Manufacturer	Joe Blow Fall Anchors		
Product code	JBF3600		
Database name of fixture	Fixtures.dab		
Figure name of fixture	FallAnchor 3600m	nm	
Insertion method	Get a location point only		-
Cost	154.00		
Cost to install	35.00		
	Add flashing	Delete flashing	
Select	Add	Delete	
	Update		
Cancel		Ok	

Add all the info you need, determine how it is to be located on the roof plan – by point, point and orientation line or along a line – (a point works for me) – and most important of all the figure we just created. Add a cost to supply and a cost to install and we're almost set.

Select the figure name from Fixtures.	dab 🛛 🔀
Drain <mark>FallAnchor 3600mm</mark> Pop Skylight Ventilator	
FallAnchor 3600mm	
Cancel	ОК

No select Add, and you're done! Easy really. Now you can use it – go to Cover / Fixtures and ther it is!. If you need to change the cost or any other detail, select it, add or change as required and select Update to update the information.

Tips and Tricks Items drawn from AppliCad's Customer Service file

Cover	
Select-Tile	
Select-Shingle	Calcat a finture
Select-Shake	Select a fixture
Select-Metal	Drain
Select-Membr	Skylight
One-Plane	Ventilator Pop
Verandah	Skylight - New
Flashings	Skylight - Existing Skylight xyz
Sarking	Fall Anchor - 3600mm
Fall-Protection	
Insulation	
DownPipes	
Flashing detai	
Fixtures	
Stage-Manage	Fall Anchor - 3600mm
Add-Ply	Cancel

On a roof plan it should look a bit like this!



End