Problem with creating company standard pipe support. (plant3D2013)

1 I started to make a new drawing in our default project, drawing: RS_2D



2 In this drawing I created several pipe supports as BLOCK with base point on centre of pipe



3 after this I use the command: <plantpartconvert> PLANTPARTCONVERT Select block to convert: <selecting block> PLANTPARTCONVERT Select a port operation: <Add> PLANTPARTCONVERT Specify port location: <selecting base point> PLANTPARTCONVERT Specify port direction: Z+ direction (see below) PLANTPARTCONVERT Specify port location and direction: <Accept> PLANTPARTCONVERT Specify a port operation: <Exit>

See picture below:



4 Save and leave the drawing

5 Exit Plant3D



7 In the catalog Editor I select <Create new component>



8 In the Create New Component window, I select: Custom-AutoCAD DWG...... and Number of Connection ports= 1 And: Create

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9 Select Model

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		Duplicate Size
		Remove Size
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Tex Use the PLANTPARTCOWVERT command to create a competible block.		

10 Select block in drawing RS_2D: <OK>

Select Block Definition			23
All blocks have 1 ports in the selected DWG file:			
RS-2D-1.5-L-6-100 RS-2D-2-L-6-100 RS-2D-3-L-6-100 RS-2D-3-L-6-100 RS-2D-4-L-6-100 RS-2D-6-L-6-100 RS-2D-8-L-6-100 test			
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11 Model placed in Catalog:

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12 Filling in all necessary General Properties:



And Size properties:

13 Add pipe support to Support spec.:

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14 Save, Close and leave Spec Editor.

15 Open piping drawing in Plant3D2013



16 create a simple pipeline and insert the support in the model

17 INTERNALPLANTINSERTPART specify insertion poin or press Ctrl key to select: <select pipe> INTERNALPLANTINSERTPART specify rotaion angle: WHY???? Direction should be pipe direction

Problem: there is shown a Disconnect Marker



Support not connected to pipeline.

18 Command < Connect Component to Adjacent>

PLANTCONNECTJOINT Select Adjacent component: <Select support> <Select pipe>

lant 3D Piping Errors	22
One or more items have caused an erro	r.
Error The ports must be adjacent in order to connect.	

19 Placing support from Plant3D Toolpalette:

Select support EXECUTETOOL Specify Insertion point: <select pipe> Immediately placing of support in right direction without showing a Disconnect Marker



20 Differences between Plant3D and Custom:

Select Zeton Support : propertie = Pipe Inline Asset Select Plant3D Support : propertie = Support

Pipe Inline Asset		
General	1	^
Color	ByLayer	
Layer	0	
Linetype	ByLayer	
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	1	Custom Suppor
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Support General	,⊥ 	Custom Support
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General Color Layer Linetype		Custom Support

Please advise how to create a proper Custom Support Spec. (Toolpalette) .