Comparison of Commands and Tools
by Product
for Vectorworks 2017

This document lists all of the commands and tools available in this version of Vectorworks software, and the products in which they are available. This allows you to easily compare features side by side for each product.

The first section covers commands on both regular menus and context menus. The second section covers tools in every tool palette and tool set.

Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
<Esc><Esc> does not exit group	Window > Edit Group Options	X	X	X	X	X
<Esc><Esc> exits group	Window > Edit Group Options	X	X	X	X	X
1-1/2 Space	Text > Spacing	X	X	X	X	X
2D Plan	View > Projection	X	X	X	X	X
2D Polys to 3D Contours	AEC > Survey Input		X	X		
	Landmark > Survey Input				X	
3D Polys to 3D Loci	AEC > Survey Input		X			
	Landmark > Survey Input				X	
3D Properties	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
About	Cloud	X	X	X	X	X
About Vectorworks	Help (Windows only)	X	X	X	X	X
	Vectorworks (Macintosh only)	X	X	X	X	X
Activate Class	Context Menu Only	X	X	X	X	X
Activate Layer	Context Menu Only	X	X	X	X	X
Activate Object Info Palette	Window > Palettes	X	X	X	X	X
Active Layer Scale	Context Menu Only	X	X	X	X	X
Active Only	View > Class Options	X	X	X	X	X
	View > Layer Options	X	X	X	X	X
Add 3D Object To Slab	AEC		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X
Add Dimension	Context Menu Only	X	X	X	X	X
Add Solids	Model	X	X	X	X	X
Add Specific Marker	Context Menu Only		+			X
Add Surface	Modify	X	X	X	X	X
Add Text to Database	Text		X	X	X	X
Align Bottom	Context Menu Only	X	X	X	X	X
Align Center	Context Menu Only	X	X	X	X	X
Align Layer Views	View	X	X	X	X	X
Align Left	Context Menu Only	X	X	X	X	X
Align Middle	Context Menu Only	X	X	X	X	X
Align Right	Context Menu Only	X	X	X	X	X
Align Stakes Vertically	AEC > Roads		X			
	Landmark > Roads				X	
Align to Grid	Modify > Align	X	X	X	X	X

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Command	Path	F	D	A	L	S
Align Top	Context Menu Only	X	X	X	X	X
Align Working Plane with Current View	Modify > Working Plane	X	X	X	X	X
Align Working Plane with Layer Plane	Modify > Working Plane	X	X	X	X	X
Align Working Plane X Axis with Layer Plane	Modify > Working Plane	X	X	X	X	X
Align/Distribute	Modify > Align	X	X	X	X	X
Align/Distribute 3D	Modify > Align	X	X	X	X	X
Align/Distribute Leader Lines	Modify > Align	X	X	X	X	X
Allow numeric keypad entry for instant data bar activation	Window > Data Bar Options	X	X	X	X	X
Animate Scenes	Spotlight > Visualization		+			X
Arc into Segments	Modify > Drafting Aids	X	X	X	X	X
Arc Smoothing	Modify > Poly Smoothing	X	X	X	X	X
Architect	Tools > Workspaces		X	X		
Arrange Icons (Windows only)	Window	X	X	X	X	X
Artistic Brush Brown Thin	View > Renderworks Style	X	X	X	X	X
Artistic Chunky Thick Purple	View > Renderworks Style	X	X	X	X	X
Artistic Cloned Thin Green	View > Renderworks Style	X	X	X	X	X
Artistic Pencil Thick Blue	View > Renderworks Style	X	X	X	X	X
Artistic Renderworks	View > Rendering	X	X	X	X	X
Artistic Renderworks Options	View > Rendering	X	X	X	X	X
Artistic Shadow Blue	View > Renderworks Style	X	X	X	X	X
Artistic Taper Thick Black	View > Renderworks Style	X	X	X	X	X
Assign 3DLegend Position to Selected	Context Menu Only		X			X
Assign Legend to Instruments	Spotlight > Label Legend		+			X
Assign Multicable Circuits	Spotlight > Cables		+			X
Assign Multicable Run ID	Spotlight > Cables		+			X
Assign Origin to Selected Hoists	Spotlight > Hoists		+			X
Assign to Selection (from Navigation palette)	Context Menu Only		X	X	X	X
Attach Record	Tools > Records	X	X	X	X	X
Attributes	Window > Palettes	X	X	X	X	X
Auto cycle to non-displayed fields when tabbing past last field	Window > Data Bar Options	X	X	X	X	X
Auto Number Positions	Spotlight		+			X
Back	View > Standard Views	X	X	X	X	X
Basic	Window > Palettes	X	X	X	X	X
Batch Convert	File	X	X	X	X	X

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Command	Path	F	D	A	L	S
Belt Length Calculator	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Bezier Spline Smoothing	Modify > Poly Smoothing	X	X	X	X	X
Bold	Text > Font Style	X	X	X	X	X
Bottom	Text > Alignment	X	X	X	X	X
Bottom	View > Standard Views	X	X	X	X	X
Bottom Baseline	Text > Alignment	X	X	X	X	X
Cable Preferences	Spotlight > Cables		+			X
Cancel All Viewport Updates	View	X	X	X	X	X
Cascade (Windows only)	Window	X	X	X	X	X
Center (horizontally)	Text > Alignment	X	X	X	X	X
Center (vertically)	Text > Alignment	X	X	X	X	X
Center Drawing on Internal Origin	Tools > Origin	X	X	X	X	X
Centroid	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Chain Length Calculator	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Change All Fields	Tools > Records	X	X	X	X	X
Change One Field	Tools > Records	X	X	X	X	X
Change Plant Grouping	AEC > Plants		X			
	Landmark				X	
Change Symbol Attrs	Tools > Utilities	X	X	X	X	X
Check for Updates	Help (Windows only)	X	X	X	X	X
	Vectorworks (Macintosh only)	X	X	X	X	X
Check Out	Modify		X	X	X	X
Check Spelling	Text	X	X	X	X	X
Choose Plant Database Location	AEC > Plants		X			
	Landmark				X	
Choose Schedule	Spotlight > Reports					X
	Tools > Reports			X	X	
Circuit Assign Preference	Spotlight > Cables		+			X
Class and Layer Mapping	Tools		X	X	X	
Clear	Edit	X	X	X	X	X
Clip Cube	View	X	X	X	X	X

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Command	Path	F	D	A	L	S
Clip Surface	Modify	X	X	X	X	X
Close	File	X	X	X	X	X
Close All (Windows only)	Window	X	X	X	X	X
Close and Release	File		X	X	X	X
Cloud Publish (Vectorworks Service Select required)	Cloud	X	X	X	X	X
Combine Into Surface	Modify	X	X	X	X	X
Compose	Modify	X	X	X	X	X
Compress Images	Tools	X	X	X	X	X
Conductor Sizing Calc	AEC > Electrical		X	X		
Conduit Sizing Calc	AEC > Electrical		X	X		
Control Values for Keys	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Conversion Factors	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Convert Arc to Radius Polyline	Context Menu Only	X	X	X	X	X
Convert Copy to Lines	Modify > Convert	X	X	X	X	X
Convert Copy to Polygons	Modify > Convert	X	X	X	X	X
Convert Object to Dimension	Modify > Convert	X	X	X	X	X
Convert Old Notes to New	Text		X	X	X	X
Convert Text to Polylines	Text	X	X	X	X	X
Convert to 3D Polys	Modify > Convert	X	X	X	X	X
Convert to Accessory	Spotlight > Object Conversion		+			X
Convert to Area Light	Modify > Convert	X	X	X	X	X
Convert to Boundary	Context Menu Only		X		X	
Convert to Cable	Spotlight > Cables		+			X
Convert to Generic Solids	Modify > Convert	X	X	X	X	X
Convert to Group	Modify > Convert	X	X	X	X	X
Convert to Instrument	Spotlight > Object Conversion		+			X
Convert to Light Position	Spotlight > Object Conversion		+			X
Convert to Line Light	Modify > Convert	X	X	X	X	X
Convert to Lines	Modify > Convert	X	X	X	X	X
Convert to Mesh	Modify > Convert	X	X	X	X	X
Convert to MultiCircuit	Spotlight > Object Conversion		+			X
Convert to NURBS	Modify > Convert	X	X	X	X	X
Convert to Object Node	Context Menu Only	X	X	X	X	X

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Command	Path	F	D	A	L	S
Convert to Pathway	Context Menu Only		X		X	
Convert to Plug-in Object	Modify > Convert	X	X	X	X	X
Convert to Polygons	Modify > Convert	X	X	X	X	X
Convert to Subdivision	Modify > Convert	X	X	X	X	X
Convert to Viewport	Modify > Convert		X	X	X	X
Convert to Viewport (from layer link)	Context Menu Only	X				
Convert to Wrapper Node	Context Menu Only	X	X	X	X	X
Copy	Edit	X	X	X	X	X
Crease all Edges	Context Menu Only	X	X	X	X	X
Crease all Vertices	Context Menu Only	X	X	X	X	X
Create 3D Loci at Grade Points	AEC > Terrain		X			
	Landmark				X	
Create 3D Object from 2D	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Create Animation	Model	X	X	X	X	X
Create Auto Hybrid	AEC		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X
Create Batch Render Job	View > Rendering	X	X	X	X	X
Create Bill of Materials	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Create Cable Worksheet	Spotlight > Cables		+			X
Create Color Chart	Tools > Utilities	X	X	X	X	X
Create Detail Viewport	View		X	X	X	X
Create Dividing Lines	Modify > Drafting Aids	X	X	X	X	X
Create Drape Surface	Model > 3D Power Pack	X	X	X	X	X
Create Fillet Surface	Model > 3D Power Pack	X	X	X	X	X
Create Gobo Texture	Spotlight > Visualization		+			X
Create Grade Limits from Pad	AEC > Terrain		X			
	Landmark				X	
Create Helix-Spiral	Model > 3D Power Pack	X	X	X	X	X
Create Hoist Symbol Key	Spotlight > Reports		+			X
Create Hoist Worksheet	Spotlight > Reports		+			X
Create Image Prop	Model	X	X	X	X	X
Create Interior Elevation Viewport	View >		X	X		

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Command	Path	F	D	A	L	S
Create Interpolated Surface	Model > 3D Power Pack	X	X	X	X	X
Create Joists	AEC > Framing		X	X		
	Landmark > Architectural				X	
Create Label	AEC > Energos		X	X		
Create Label Legend from Instrument	Spotlight > Label Legend		+			X
Create Layer Link	View	X	+	+	+	+
Create Lectern	Event Design		+			X
Create Multiple Viewports	View		X	X	X	X
Create New Plant	AEC > Plants		X			
	Landmark				X	
Create Objects From Shapes	AEC		X	X		
	Landmark				X	
	Modify					X
Create Pad from Grade Limits	AEC > Terrain		X			
	Landmark				X	
Create Panel Riser Diag	Tools > Reports		X	X		
Create Panel Schedule	Tools > Reports		X	X		
Create Parts List	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Create Piping Runs	AEC > Electrical		X	X		
Create Planar Caps	Model > 3D Power Pack	X	X	X	X	X
Create Plant from Object	Context Menu Only		X		X	
Create Plot and Model View	Spotlight > Visualization		+			X
Create Plug-in Style	Tools	X	X	X	X	X
Create Polys from Walls	AEC		X	X		
	Landmark > Architectural				X	
	Modify	X				
	Spotlight > Architectural					X
Create Redline Status WS	Text > Redlines		X	X	X	X
Create Report	Spotlight > Reports					X
	Tools > Reports	X	X	X	X	
Create Retaining Wall Site Modifier	AEC > Terrain		X			
	Landmark				X	
Create Rm Finish Legend	Tools > Reports		X	X		
Create Road from Stakes	AEC > Roads		X			
	Landmark > Roads				X	

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Command	Path	F	D	A	L	S
Create Roof	AEC		X	X		
Create Roof	Landmark > Architectural				X	
Create Roof	Model > AEC	X				
Create Roof	Spotlight > Architectural					X
Create Room	Event Design		+			X
Create Saddle	Context Menu Only		X	X	X	X
Create Screen	Event Design		+			X
Create Seating Layout	AEC		X	X		
	Spotlight > Architectural					X
Create Seating Section	Event Design		+			X
Create Section Viewport	View		X	X	X	X
Create Section Viewport (from clip cube)	Context Menu Only		X	X	X	X
Create Sheet List	Tools > Reports		X	X		
Create Similar Object	Context Menu Only		X	X	X	X
Create Site Model	AEC > Terrain		X	X		
	Landmark				X	
Create Site Model Volume List	AEC > Terrain		X	X		
	Landmark				X	
Create Solid Section from Grade Objects	AEC		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X
Create Spaces from Polys	AEC > Space Planning		X	X	+	+
Create Spaces from Walls	AEC > Space Planning		X	X	+	+
Create Stage	Event Design		+			X
Create Stair	Event Design		+			X
Create Standard Viewports	File > Document Settings		X	X		
Create Stepped Wall	AEC		X	X		
	Landmark > Architectural				X	
Create Subdivision Primitive	Model	X	X	X	X	X
Create Surface Array	Model		X	X	X	X
Create Surface from Curves	Model > 3D Power Pack	X	X	X	X	X
Create Symbol	Modify	X	X	X	X	X
Create Viewport	View	X	X	X	X	X
Create Views	Event Design		+			X
Create Wall Projection	AEC		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X

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Command	Path	F	D	A	L	S
Create Wall Recess	AEC		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X
Create Walls from Polygon	Modify	X	+	+	+	+
Create Walls from Spaces	AEC > Space Planning		X	X	+	+
Cubic Spline Smoothing	Modify > Poly Smoothing	X	X	X	X	X
Custom Checkout	Tools		X	X	X	X
Custom Modification	Tools		X	X	X	X
Custom Release	Tools		X	X	X	X
Custom Renderworks	View > Rendering	X	X	X	X	X
Custom Renderworks Options	View > Rendering	X	X	X	X	X
Custom Selection	Tools	X	X	X	X	X
Custom Tool/Attribute	Tools	X	X	X	X	X
Cut	Edit	X	X	X	X	X
Cut 2D Section	Model	X	+	+	+	+
Cut 3D Section	Model	X	+	+	+	+
Dashed Hidden Line	View > Rendering	X	X	X	X	X
Decompose	Modify	X	X	X	X	X
Delete (slab drain valleys)	Context Menu Only		X	X	X	X
Delete (slab drains)	Context Menu Only		X	X	X	X
Delete (slab slope valleys)	Context Menu Only		X	X	X	X
Delete All Guides	Modify > Guides	X	X	X	X	X
Delete Dimension	Context Menu Only	X	X	X	X	X
Delete Frames	Context Menu Only		X	X	X	X
Delete Wall Peaks	AEC >		X	X	X	
Delete Witness Line	Context Menu Only	X	X	X	X	X
Designer	Tools > Workspaces		X			
Detach Record	Tools > Records	X	X	X	X	X
Dimension Exterior Walls	AEC		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X
Disassociate	Context Menu Only	X	X	X	X	X
Display Repetitions (line type editing)	Context Menu Only	X	X	X	X	X
Display Tile Repetitions	Context Menu Only	X	X	X	X	X
Distribute Frames	Context Menu Only		X	X	X	X
Distribute Horizontally (Spacing)	Context Menu Only	X	X	X	X	X
Distribute Vertically (Spacing)	Context Menu Only	X	X	X	X	X

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Command	Path	F	D	A	L	S
Do not allow instant data bar activation	Window > Data Bar Options	X	X	X	X	X
Do not allow numeric keypad entry for instant data bar activation	Window > Data Bar Options	X	X	X	X	X
Do not auto cycle to non-displayed fields when tabbing past last field	Window > Data Bar Options	X	X	X	X	X
Do not show floating data bar after datum creation	Window > Data Bar Options	X	X	X	X	X
Do not use floating data bar - show data bar fields on fixed data bar	Window > Data Bar Options	X	X	X	X	X
Document Preferences	File > Document Settings	X	X	X	X	X
Document Setup	File > Document Settings		X	X	X	
Double Space	Text > Spacing	X	X	X	X	X
Download Content	Help	X	X	X	X	X
Draw Cam Diagrams	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Dropbox Integration	Cloud	X	X	X	X	X
Duplicate	Edit	X	X	X	X	X
Duplicate Along Path	Edit	X	X	X	X	X
Duplicate Array	Edit	X	X	X	X	X
Edit	Context Menu Only	X	X	X	X	X
Edit 2D Component	Context Menu Only	X	X	X	X	X
Edit 3D Component	Context Menu Only	X	X	X	X	X
Edit 3D Wall Hole Component	Context Menu Only	X	X	X	X	X
Edit Annotations	Context Menu Only	X	X	X	X	X
Edit Camera	Context Menu Only	X	X	X	X	X
Edit Connection(s)	Context Menu Only		X	X	X	X
Edit Constraints	Modify	X	X	X	X	X
Edit Control Geometry	Context Menu Only	X	X	X	X	X
Edit Crop (design layer)	Context Menu Only		X	X	X	X
Edit Crop (layer link)	Context Menu Only	X	X	X	X	X
Edit Crop (pdf)	Modify		X	X	X	X
Edit Crop (sheet layer)	Context Menu Only	X	X	X	X	X
Edit Current Workspace	Tools > Workspaces	X	X	X	X	X
Edit Design Layer	Context Menu Only	X	X	X	X	X
Edit Dimension	Context Menu Only	X	X	X	X	X
Edit Drain(s)	Context Menu Only		X	X	X	X
Edit Frames	Context Menu Only		X	X	X	X
Edit Group	Modify	X	X	X	X	X
Edit Image Attributes	Context Menu Only	X	X	X	X	X

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Command	Path	F	D	A	L	S
Edit Light	Context Menu Only		X			X
Edit Marker List	Tools > Options	X	X	X	X	X
Edit Object Connection	Tools > Database		X	X	X	X
Edit Panels	Context Menu Only		X	X	X	X
Edit Path	Context Menu Only	X	X	X	X	X
Edit Plug-in Style	Context Menu	X	X	X	X	X
Edit Profile	Context Menu Only	X	X	X	X	X
Edit Referenced Design Layer (design layer)	Context Menu Only	X	X	X	X	X
Edit Roof Style	Context Menu Only		X	X	X	X
Edit Script	Context Menu Only	X	X	X	X	X
Edit Site Model Crop	Context Menu Only		X	X	X	
Edit Site Model Source Data	Context Menu Only		X	X	X	
Edit Slab Addition Settings	Context Menu Only		X	X	X	X
Edit Slab Style	Context Menu Only		X	X	X	X
Edit Slab Subtraction Settings	Context Menu Only		X	X	X	X
Edit Valley(s) (slab slope valleys)	Context Menu Only		X	X	X	X
Edit Vision Data	Spotlight > Visualization		+			X
Edit Wall Style	Context Menu Only		X	X	X	X
Encrypt Script	Tools > Plug-ins	X	X	X	X	X
Engineering Properties	Model	X	X	X	X	X
Even Divide	Modify > Drafting Aids	X	X	X	X	X
Exit Group	Modify	X	X	X	X	X
Exit Viewport	Context Menu Only	X	X	X	X	X
Export 3D PDF (3D only)	File > Export		X	X	X	X
Export 3DS (3D only)	File > Export		X	X	X	X
Export as Vectorworks <previous version> File	File > Export	X	X	A	X	X
Export ASCII Patch	File > Export		+			X
Export Cinema 4D (3D only)	File > Export	X	X	X	X	X
Export COLLADA (3D only)	File > Export	X	X	X	X	X
Export Database	File > Export	X	X	X	X	X
Export DWF	File > Export	X	X	X	X	X
Export DXF/DWG	File > Export	X	X	X	X	X
Export Energy Data	AEC > Energos		X	X		
Export EPSF	File > Export	X	X	X	X	X
Export ESC	File > Export		+			X
Export FBX (3D only)	File > Export	X	X	X	X	X

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Export High Dynamic Range Image (HDRI)	File > Export	X	X	X	X	X
Export Hoist Data	File > Export		+			X
Export IFC Project	File > Export		X	X	X	X
Export IGES (3D only)	File > Export	X	X	X	X	X
Export Image File	File > Export	X	X	X	X	X
Export Instrument Data	File > Export		+			X
Export KML (3D only)	File > Export		X	X	X	X
Export Metafile (Windows only)	File > Export	X	X	X	X	X
Export OBJ (3D only)	File > Export	X	X	X	X	X
Export Parasolid X_T (3D only)	File > Export	X	X	X	X	X
Export PDF	File > Export		X	X	X	X
Export Plant	Context Menu Only		X		X	
Export Resource	Context Menu Only		X	X	X	X
Export Rhino 3DM (3D only)	File > Export	X	X	X	X	X
Export SAT (3D only)	File > Export	X	X	X	X	X
Export Script	File > Export	X	X	X	X	X
Export Shapefile	File > Export		+		X	
Export Simple VectorScript (3D only)	File > Export	X	X	X	X	X
Export STEP (3D only)	File > Export	X	X	X	X	X
Export STL (3D only)	File > Export	X	X	X	X	X
Export Web View	File > Export		X	X	X	X
Export Worksheet	File > Export	X	X	X	X	X
Extend NURBS	Model > 3D Power Pack	X	X	X	X	X
Extrude	Model	X	X	X	X	X
Extrude Along Path	Model	X	X	X	X	X
Fast Renderworks	View > Rendering	X	X	X	X	X
File Info	File	X	X	X	X	X
Final Quality Renderworks	View > Rendering	X	X	X	X	X
Final Shaded Polygon	View > Rendering	X	X	X	X	X
Find and Modify	Spotlight		+			X
Find-Replace Text	Text	X	X	X	X	X
Fit to Objects	View > Zoom	X	X	X	X	X
Fit to Page Area	View > Zoom	X	X	X	X	X
Fit Walls to Objects	AEC		X	X		
	Landmark > Architectural				X	
Flip	Context Menu Only	X	X	X	X	X
Flip Horizontal	Modify > Rotate	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Flip Vertical	Modify > Rotate	X	X	X	X	X
Flip X'	Modify > Working Plane	X	X	X	X	X
Flip Y'	Modify > Working Plane	X	X	X	X	X
Flip Z'	Modify > Working Plane	X	X	X	X	X
Floor	AEC		X	X		
	Landmark > Architectural				X	
	Model > AEC	X				
	Spotlight > Architectural					X
Focus Instruments	Spotlight		+			X
Focus Instruments at Next Click	Context Menu Only		X			X
Font (list of installed fonts)	Text	X	X	X	X	X
Force Select	Context Menu Only	X	X	X	X	X
Format Text	Text	X	X	X	X	X
Front	View > Standard Views	X	X	X	X	X
Fundamentals	Tools > Workspaces	X	X	X	X	X
Generate Paperwork	Spotlight > Reports		+			X
Georeferencing	File > Document Settings		X	X	X	
Get Distance Start to Click	Spotlight > Cables		+			X
Getting Started Guides	Help	X	X	X	X	X
Gray Others	View > Class Options	X	X	X	X	X
	View > Layer Options	X	X	X	X	X
Gray/Snap Others	View > Class Options	X	X	X	X	X
	View > Layer Options	X	X	X	X	X
Grid Method Entry	AEC > Survey Input		X	X		
	Landmark > Survey Input				X	
Group	Modify	X	X	X	X	X
Hatch	Modify	X	X	X	X	X
Help	Cloud	X	X	X	X	X
Hidden Line	View > Rendering	X	X	X	X	X
Hide Guides	Modify > Guides	X	X	X	X	X
Hide Others	Vectorworks (Macintosh only)	X	X	X	X	X
Hide Vectorworks	Vectorworks (Macintosh only)	X	X	X	X	X
Hide Warning Icons	Landmark > Irrigation		X		X	
Highlight objects I have checked out	Views > Project Sharing Options		X	X	X	X
Highlight objects using User Colors	Views > Project Sharing Options		X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
IFC Data	AEC		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X
IFC Data Mapping	AEC		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X
IFC Zones, Systems and Groups	AEC		X	X	+	+
Import 3DS (3D only)	File > Import		X	X	X	X
Import Adjacency Matrix	AEC > Space Planning		X	X	+	+
Import Arroway Textures	(add to workspace)	+	+	+	+	+
Import Cinema 4D Textures	File > Import	X	X	X	X	X
Import DXF/DWG or DWF	File > Import	X	X	X	X	X
Import EPSF	File > Import	X	X	X	X	X
Import Hoist Data	File > Import		+			X
Import IFC	File > Import		X	X	X	+
Import IGES (3D only)	File > Import	X	X	X	X	X
Import Image File	File > Import	X	X	X	X	X
Import Instrument Data	File > Import		X			X
Import Metafile (Windows only)	File > Import	X	X	X	X	X
Import Metafile as Bitmap (Windows only)	File > Import	X	X	X	X	X
Import OBJ (3D only)	File > Import	X	X	X	X	X
Import Parasolid X_T (3D only)	File > Import	X	X	X	X	X
Import PartSpec	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Import PDF	File > Import		X	X	X	X
Import PICT (Macintosh only)	File > Import	X	X	X	X	X
Import PICT as Bitmap (Macintosh only)	File > Import	X	X	X	X	X
Import Point Cloud	File > Import		X	X	X	X
Import Revit	File > Import		X	X	X	X
Import Rhino 3DM (3D only)	File > Import	X	X	X	X	X
Import SAT (3D only)	File > Import	X	X	X	X	X
Import Script	File > Import	X	X	X	X	X
Import Shapefile	File > Import		X	X	X	
Import Single DWF	File > Import	X	X	X	X	X
Import Single DXF/DWG	File > Import	X	X	X	X	X
Import SketchUp	File > Import		X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Import STEP (3D only)	File > Import	X	X	X	X	X
Import STL (3D only)	File > Import	X	X	X	X	X
Import Survey File	AEC > Survey Input		X	X		
	Landmark > Survey Input				X	
Import Worksheet	File > Import	X	X	X	X	X
Insert Door (curtain wall)	Context Menu Only		X	X	X	X
Insert Window (curtain wall)	Context Menu Only		X	X	X	X
Intersect Solids	Model	X	X	X	X	X
Intersect Surface	Modify	X	X	X	X	X
Invert Selection	Edit	X	X	X	X	X
Irrigation Settings	Landmark > Irrigation		X		X	
Issue Manager	File		X	X	X	
Italic	Text > Font Style	X	X	X	X	X
Join	Modify > Join	X	X	X	X	X
Join (no trim)	Modify > Join	X	X	X	X	X
Join (wall object)	Context Menu Only	X	X	X	X	X
Join and Fillet	Modify > Join	X	X	X	X	X
Justify	Text > Alignment	X	X	X	X	X
Label Legend Manager	Spotlight > Label Legend		+			X
Landmark	Tools > Workspaces		X		X	
Launch Vectorworks Cloud Services Website	Cloud	X	X	X	X	X
Left	Text > Alignment	X	X	X	X	X
Left	View > Standard Views	X	X	X	X	X
Left Isometric	View > Standard Views	X	X	X	X	X
Left Rear Iso	View > Standard Views	X	X	X	X	X
Lighting Inventory Setup	Spotlight > Reports		+			X
Lighting Symbol Maintenance	Spotlight > Reports		+			X
Line into Segments	Modify > Drafting Aids	X	X	X	X	X
Line Render Options	View > Rendering	X	X	X	X	X
Line Thickness	Tools > Options	X	X	X	X	X
Link Text to Record	Modify	X	X	X	X	X
	Tools > Records	X	X	X	X	X
List Symbols	Tools > Utilities	X	X	X	X	X
Locate in Resource Manager (any resource)	Context Menu Only	X	X	X	X	X
Locate Internal Origin	Tools > Origin	X	X	X	X	X
Locate Label Legend in Resource Manager	Context Menu Only		+			X
Locate Plug-in Style in Resource Manager	Context Menu Only	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Lock	Modify	X	X	X	X	X
Log In/Sign Up	Cloud	X	X	X	X	X
Look at Working Plane	Modify > Working Plane	X	X	X	X	X
	View	X	X	X	X	X
lower case	Text > Capitalization	X	X	X	X	X
Lower Left Iso	View > Standard Views	X	X	X	X	X
Lower Left Rear	View > Standard Views	X	X	X	X	X
Lower Right Iso	View > Standard Views	X	X	X	X	X
Lower Right Rear	View > Standard Views	X	X	X	X	X
Make Data Cable Chain	Spotlight > Cables		+			X
Make Guide	Modify > Guides	X	X	X	X	X
Make Jumper Cable Chain	Spotlight > Cables		+			X
Manage Databases	Tools > Database		X	X	X	X
Manage Scenes	Spotlight > Visualization		+			X
Mark Specific Distance	Spotlight > Cables		+			X
Merge Record Formats	Tools > Records	X	X	X	X	X
Migration Manager	Tools >	X	X	X	X	X
Model to Floorplan	AEC > Space Planning		X	X	+	+
Modify by Record	Tools > Records		X	X	X	X
Move	Modify > Move	X	X	X	X	X
Move 3D	Modify > Move	X	X	X	X	X
Move Geographic	Modify > Move		X		X	
Multicable Jumper Preferences	Spotlight > Cables		+			X
Multiple Extrude	Model	X	X	X	X	X
Narrow Perspective	View > Projection	X	X	X	X	X
Navigation	Window > Palettes		X	A	L	S
New	File	X	X	X	X	X
New Hatch From Locally Mapped Hatch	Context Menu Only	X	X	X	X	X
New Plug-in Style from Unstyled Plug-in	Context Menu	X	X	X	X	X
New Roof Style from Unstyled Roof	Context Menu Only		X	X	X	X
New Slab Style from Unstyled Slab	Context Menu Only		X	X	X	X
New Tile From Locally Mapped Tile	Context Menu Only	X	X	X	X	X
New Wall Style from Unstyled Wall	Context Menu Only		X	X	X	X
Next View	View	X	X	X	X	X
Next Working Plane	Modify > Working Plane	X	X	X	X	X
No Smoothing	Modify > Poly Smoothing	X	X	X	X	X
Normal Perspective	View > Projection	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Normal Scale	View > Zoom	X	X	X	X	X
NTV2 Transform	Must add to workspaces		+	+	+	
Number Hoists	Spotlight > Hoists		+			X
Number Instruments	Spotlight		+			X
Object Connection	Tools > Database		X	X	X	X
Object Info	Window > Palettes	X	X	X	X	X
Oblique Cabinet 30	View > Projection	X	X	X	X	X
Oblique Cabinet 45	View > Projection	X	X	X	X	X
Oblique Cavalier 30	View > Projection	X	X	X	X	X
Oblique Cavalier 45	View > Projection	X	X	X	X	X
Open	File	X	X	X	X	X
Open BCF Manager	AEC		X	X	+	+
Open Plant Database	AEC > Plants		X			
	Landmark				X	
Open Recent (list of recently opened files)	File	X	X	X	X	X
Open Vectorworks Cloud Services Folder	Cloud	X	X	X	X	X
OpenGL	View > Rendering	X	X	X	X	X
OpenGL Options	View > Rendering	X	X	X	X	X
Organization	Tools	X	X	X	X	X
Orthogonal	View > Projection	X	X	X	X	X
Other	Text > Spacing	X	X	X	X	X
Outline (Macintosh only)	Text > Font Style	X	X	X	X	X
Page Setup	File	X	X	X	X	X
Palettes can dock to document window (Mac only)	Window > Palette Options	X	X	X	X	X
Palettes can dock to each other (Mac only)	Window > Palette Options	X	X	X	X	X
Paste	Edit	X	X	X	X	X
Paste as Bitmap	Edit	X	X	X	X	X
Paste in Place	Edit	X	X	X	X	X
Patterns	File > Document Settings	X	X	X	X	X
Pick up Redline	Text > Redlines		X	X	X	X
Pillar	AEC		X	X		
	Landmark > Architectural				X	
	Model > AEC	X				
	Spotlight > Architectural					X
Place Break Out Labels	Spotlight > Cables		+			X
Place Camera Match Object	View > Camera Match	X	X	X	X	X
Place Reference	View > Camera Match	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Plain Text	Text > Font Style	X	X	X	X	X
Plant Line	AEC > Plants		X			
	Landmark				X	
Plug-in Manager	Tools > Plug-ins	X	X	X	X	X
Preferences	Vectorworks (Macintosh only)	X	X	X	X	X
Preview Exterior	View > Renderworks Style	X	X	X	X	X
Preview Interior	View > Renderworks Style	X	X	X	X	X
Previous Selection	Edit	X	X	X	X	X
Previous View	View	X	X	X	X	X
Previous Working Plane	Modify > Working Plane	X	X	X	X	X
Print	File	X	X	X	X	X
Project Settings	AEC > Energos		X	X		
	File		X	X	X	X
Properties	Context Menu Only		X		X	
Publish	File	X	X	X	X	X
Purge	Tools	X	X	X	X	X
Quit	Vectorworks (Macintosh only)	X	X	X	X	X
	File (Windows only)	X	X	X	X	X
Radius Smoothing	Modify > Poly Smoothing	X	X	X	X	X
Realistic Colors White	View > Renderworks Style	X	X	X	X	X
Realistic Exterior Fast	View > Renderworks Style	X	X	X	X	X
Realistic Exterior Final	View > Renderworks Style	X	X	X	X	X
Realistic Exterior Night Fast	View > Renderworks Style	X	X	X	X	X
Realistic Exterior Night Final	View > Renderworks Style	X	X	X	X	X
Realistic Interior Fast	View > Renderworks Style	X	X	X	X	X
Realistic Interior Final	View > Renderworks Style	X	X	X	X	X
Rebuild NURBS	Model > 3D Power Pack	X	X	X	X	X
Recalculate	Context Menu Only	X	X	X	X	X
	Landmark > Irrigation		X		X	
Reconcile Notes	Text		X	X	X	X
Record Format Connection	Tools > Database		X	X	X	X
Redo	Edit	X	X	X	X	X
Referenced Files (list of referenced files in the file)	Window (File name)	X	X	X	X	X
Refresh	File		X	X	X	X
Refresh All Cables	Spotlight > Cables		+			X
Refresh Instruments	Spotlight		+			X
Release	Modify		X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Remove Break	Context Menu Only	X	X	X	X	X
Remove Fold(s)	Context Menu Only		X	X	X	X
Remove Object Connection	Tools > Database		X	X	X	X
Remove Saddle	Context Menu Only		X	X	X	X
Render Style White Model	View > Renderworks Style	X	X	X	X	X
Replace Instruments	Spotlight		+			X
Replace Plant	Context Menu Only	X	X	X	X	X
Replace Symbol	Context Menu Only	X	X	X	X	X
Replace with Stock Symbols	Spotlight > Object Conversion		+			X
Replace with Symbol	Modify > Convert		X	X	X	X
Reset All Plug-Ins	Tools > Utilities		X	X	X	X
Resource Manager	Window > Palettes	X	X	X	X	X
Restore Redline	Text > Redlines		X	X	X	X
Revert	File		X	X	X	X
Revert To Saved	File	X	X	X	X	X
Revolve with Rail	Model > 3D Power Pack	X	X	X	X	X
Right	Text > Alignment	X	X	X	X	X
Right	View > Standard Views	X	X	X	X	X
Right Isometric	View > Standard Views	X	X	X	X	X
Right Rear Iso	View > Standard Views	X	X	X	X	X
Roof Face	AEC		X	X		
	Landmark > Architectural				X	
	Model > AEC	X				
	Spotlight > Architectural					X
Roof Framer	AEC > Framing		X	X		
Rotate	Modify > Rotate	X	X	X	X	X
Rotate (slab slope valleys)	Context Menu Only		X	X	X	X
Rotate 3D	Modify > Rotate	X	X	X	X	X
Rotate 3D View	View	X	X	X	X	X
Rotate About X' Left 90°	Modify > Working Plane	X	X	X	X	X
Rotate About X' Right 90°	Modify > Working Plane	X	X	X	X	X
Rotate About Y' Left 90°	Modify > Working Plane	X	X	X	X	X
Rotate About Y' Right 90°	Modify > Working Plane	X	X	X	X	X
Rotate About Z' Left 90°	Modify > Working Plane	X	X	X	X	X
Rotate About Z' Right 90°	Modify > Working Plane	X	X	X	X	X
Rotate Left 90°	Modify > Rotate	X	X	X	X	X
Rotate Plan	View		X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

Command	Path	F	D	A	L	S
Rotate Right 90°	Modify > Rotate	X	X	X	X	X
Rotate Valley(s)	Context Menu Only		X	X	X	X
Run Marionette Script	Context Menu Only		X	X	X	X
Run Script	Tools > Plug-ins	X	X	X	X	X
Save	File	X	X	X	X	X
Save A Copy As	File	X	X	X	X	X
Save and Commit	File		X	X	X	X
Save As	File	X	X	X	X	X
Save As Template	File	X	X	X	X	X
Save Marionette Script as Python Script	Context Menu Only	X	X	X	X	X
Save Palette Positions	Window > Palettes	X	X	X	X	X
Save View	View	X	X	X	X	X
Save Working Plane	Modify > Working Plane	X	X	X	X	X
Scale Objects	Modify	X	X	X	X	X
Script Options	Tools > Plug-ins	X	X	X	X	X
Script Palettes (list of script palettes in the file)	Window (File name)	X	X	X	X	X
Search Knowledgebase	Help	X	X	X	X	X
Section Solids	Model	X	X	X	X	X
Select All	Edit	X	X	X	X	X
Select Cables	Spotlight > Cables		+			X
Select Coincident Objects	Context Menu Only	X	X	X	X	X
Select Components with Warnings	Landmark > Irrigation		X		X	
Select Connected Components	Landmark > Irrigation		X		X	
Select Connected Objects	Edit	X	X	X	X	X
Select Focused Lighting Instruments	Context Menu Only		X		X	
Select Guides	Modify > Guides	X	X	X	X	X
Select Hoists	Spotlight > Hoists		+			X
Select Hoists Origin	Context Menu Only		X			X
Select Marionette Network	Context Menu Only	X	X	X	X	X
Select Multicable	Context Menu Only		X			X
Select Vertex in OIP	Context Menu Only	X	X	X	X	X
Select Vision Video Source	Spotlight > Visualization		+			X
Select Working Plane	Edit	X	X	X	X	X
	Modify > Working Plane	X	X	X	X	X
Send Backward	Modify > Send	X	X	X	X	X
Send Forward	Modify > Send	X	X	X	X	X
Send to Back	Modify > Send	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Send to Cinema 4D (3D only)	File	X	X	X	X	X
Send to Front	Modify > Send	X	X	X	X	X
Send to Surface	AEC > Terrain		X	X		
	Landmark				X	
	Context Menu Only	X	X	X	X	X
Send to Vision	File >		+			X
Services (standard Macintosh menu)	Vectorworks (Macintosh only)	X	X	X	X	X
Set 3D View	View	X	X	X	X	X
Set Custom Perspective	View > Projection	X	X	X	X	X
Set Default Symbol Class	Tools > Utilities		X	X	X	
Set Hoist Number and Dimension Display	Spotlight > Hoists		+			X
Set Individual High Hooks Height	Spotlight > Hoists		+			X
Set Light to View	Context Menu Only	X	X	X	X	X
Set Lighting Options	View	X	X	X	X	X
Set Position	Context Menu Only	X	X	X	X	X
Set Renderworks Background	View		X	X	X	X
Set Selected High Hook Height	Spotlight > Hoists		+			X
Set Selected Load Trims	Spotlight > Hoists		+			X
Set Size	Text > Size	X	X	X	X	X
Set Sun Position	View	X	+	+	+	+
Set View to Light	Context Menu Only	X	X	X	X	X
Set Working Plane	Modify > Working Plane	X	X	X	X	X
Settings	Cloud	X	X	X	X	X
Shaded Polygon	View > Rendering	X	X	X	X	X
Shaded Polygon No Lines	View > Rendering	X	X	X	X	X
Shadow (Macintosh only)	Text > Font Style	X	X	A	X	X
Shaft Analysis	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Show All	Vectorworks (Macintosh only)	X	X	X	X	X
Show floating data bar above SmartCursor cues	Window > Data Bar Options	X	X	X	X	X
Show floating data bar after datum creation	Window > Data Bar Options	X	X	X	X	X
Show floating data bar below SmartCursor cues	Window > Data Bar Options	X	X	X	X	X
Show Grids (sheet border)	Context Menu Only	X	X	X	X	X
Show Guides	Modify > Guides	X	X	X	X	X
Show objects using actual colors	View > Project Sharing Options		X	X	X	X
Show only primary fields on data bar	Window > Data Bar Options	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Show or Hide Constraints	View > Show	X	X	X	X	X
Show or Hide Plant Styles	View > Show		X		X	
Show or Hide Redlines	Text > Redlines		X	X	X	X
Show or Hide Site Modifiers	View > Show		X		X	
Show Others	View > Class Options	X	X	X	X	X
	View > Layer Options	X	X	X	X	X
Show primary and secondary fields on data bar	Window > Data Bar Options	X	X	X	X	X
Show primary, secondary, and cursor location fields on data bar	Window > Data Bar Options	X	X	X	X	X
Show Results	AEC > Energos		X	X		
Show Warning Icons	Landmark > Irrigation		X		X	
Show/Snap Others	View > Class Options	X	X	X	X	X
	View > Layer Options	X	X	X	X	X
Show/Snap/Modify Others	View > Class Options	X	X	X	X	X
	View > Layer Options	X	X	X	X	X
Simple Beam	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Simple Beam Analysis	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Simple Beam Calculator	AEC > Framing		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X
Simplify 3D Polygons	AEC > Terrain		X	X		
	Landmark				X	
Simplify Polys	Modify > Drafting Aids	X	X	X	X	X
Single Space	Text > Spacing	X	X	X	X	X
Site Model Section	AEC > Terrain		X	X		
	Landmark				X	
Size (list of default sizes)	Text	X	X	X	X	X
Size Pipes	Landmark > Irrigation		X		X	
Sketch	View > Rendering		X	X	X	X
Sketch Options	View > Rendering		X	X	X	X
SmartCursor Settings	Tools	X	X	X	X	X
Smooth all Edges	Context Menu Only	X	X	X	X	X
Smooth all Vertices	Context Menu Only	X	X	X	X	X
Snapping	Window > Palettes	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Solution of Triangles	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design		+			X
Specifiy Selected Load Trims	Spotlight > Hoists		+			X
Split Record Format	Tools > Records	X	X	X	X	X
Spotlight	Tools > Workspaces		X			X
Spotlight Preferences	File > Document Settings		+			X
Spring Calculator	AEC > Machine Design		X	X		
	Landmark > Machine Design				X	
	Spotlight > Machine Design					X
Stake Object from 3D Locus	Modify > Convert		X		X	
Standard Naming	File > Document Settings		X	X	X	
Start Batch Render	View > Rendering	X	X	X	X	X
Station on Polyline	AEC > Roads		X			
	Landmark > Roads				X	
Status	Cloud	X	X	X	X	X
Stitch and Trim Surfaces	Model > 3D Power Pack	X	X	X	X	X
Subscript	Text > Font Style	X	X	X	X	X
Subtract 3D Object From Slab	AEC >		X	X		
	Landmark > Architectural				X	
	Spotlight > Architectural					X
Subtract Solids	Model	X	X	X	X	X
Superscript	Text > Font Style	X	X	X	X	X
Sweep	Model	X	X	X	X	X
Tapered Extrude	Model	X	X	X	X	X
Text Along Path	Text	X	X	X	X	X
Tile (Windows only)	Window	X	X	X	X	X
Title Block	Context Menu Only	X	X	X	X	X
Title Caps	Text > Capitalization	X	X	X	X	X
Toggle Design/Calculated Display	Landmark > Irrigation		X		X	
Tool Sets	Window > Palettes	X	X	X	X	X
Top	Text > Alignment	X	X	X	X	X
Top	View > Standard Views	X	X	X	X	X
Top Baseline	Text > Alignment	X	X	X	X	X
Top Level	Modify	X	X	X	X	X
Top/Plan	View > Standard Views	X	X	X	X	X
Tour	Cloud	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Trace Bitmap	Modify	X	X	X	X	X
Trim	Modify	X	X	X	X	X
Turn On/Off (light object)	Context Menu Only	X	X	X	X	X
Underline	Text > Font Style	X	X	X	X	X
Undo	Edit	X	X	X	X	X
Unfold Surfaces	Model > 3D Power Pack		X	X	X	X
Ungroup	Modify	X	X	X	X	X
Unified View	View	X	X	X	X	X
Unified View Options	View	X	X	X	X	X
Units	File > Document Settings	X	X	X	X	X
Unlock	Modify	X	X	X	X	X
Unrotate 3D Objects	Modify	X	X	X	X	X
Unshaded Polygon	View > Rendering	X	X	X	X	X
Unwrap Marionette Script	Context Menu Only		X	X	X	X
Update (section viewport)	Context Menu Only		X	X	X	X
Update (viewport object)	Context Menu Only	X	X	X	X	X
Update (viewports)	Context Menu Only	X	X	X	X	X
Update All Viewports	View	X	X	X	X	X
Update External Database	Tools > Database		X	X	X	X
Update Plug-in Objects	Tools > Utilities	X	X	X	X	X
Update Selected Viewports	View	X	X	X	X	X
Update Settings	Tools > Database		X	X	X	X
Update Space Boundaries	AEC > Space Planning		X	X	+	+
Update Vectorworks Document (database)	Tools > Database		X	X	X	X
Update Vectorworks Document (plant definitions)	AEC > Plants		X			
	Landmark				X	
Update Vectorworks Plant Database	AEC > Plants		X			
	Landmark				X	
UPPER CASE	Text > Capitalization	X	X	X	X	X
Use floating data bar	Window > Data Bar Options	X	X	X	X	X
Use floating data bar only when tab key is pressed	Window > Data Bar Options	X	X	X	X	X
Use Full Screen	Window	X	X	X	X	X
Use large exit group button	Window > Edit Group Options	X	X	X	X	X
Use small exit group button	Window > Edit Group Options	X	X	X	X	X
User Origin	Tools > Origin	X	X	X	X	X
Validate 3D Data	AEC > Terrain		X	X		
Validate 3D Data	Landmark				X	

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Vectorworks 2017 Product Comparison: Commands

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Command	Path	F	D	A	L	S
Vectorworks Cloud Services	Help	X	X	X	X	X
Vectorworks Help	Help	X	X	X	X	X
Vectorworks Preferences	Tools > Options	X	X	X	X	X
Vectorworks Service Select	Help	X	X	X	X	X
Vegetation Line	AEC > Plants		X			
	Landmark				X	
Visualization	Window > Palettes	X	X	X	X	X
Volumetric Properties	Model	X	X	X	X	X
Wall Framer	AEC > Framing		X	X		
What's This	Help	X	X	X	X	X
Wide Perspective	View > Projection	X	X	X	X	X
Wireframe	View > Rendering	X	X	X	X	X
Wireframe Options	View > Rendering	X	X	X	X	X
Working Planes	Window > Palettes	X	X	X	X	X
Worksheets (list of worksheets in the file)	Window (File name)	X	X	X	X	X
Workspaces	Tools > Workspaces	X	X	X	X	X
Wrap Marionette Script	Context Menu Only	X	X	X	X	X
Zone of Visual Influence	AEC > Terrain		X			
	Landmark				X	

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Vectorworks 2017 Product Comparison: Tools

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
2D Locus	Basic	X	X	X	X	X
2D Polygon *	Basic	X	X	X	X	X
3D Locus	3D Modeling	X	X	X	X	X
3D Polygon	3D Modeling	X	X	X	X	X
Acorn Nut (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Adjacency Matrix	Space Planning		X	X		
Adjacency Score	Space Planning		X	X		
Align and Distribute Items	Spotlight		+			X
Align Plane *	3D Modeling	X	X	X	X	X
Analysis	3D Modeling	X	X	X	X	X
Angle - 2D, 3D *	Detailing	X	X	X	X	X
Angular Dimension	Basic				X	X
	Dims/Notes	X	X	X	X	X
Arc *	Basic	X	X	X	X	X
Arc Length Dimension	Basic				X	X
	Dims/Notes	X	X	X	X	X
Attribute Mapping	Basic	X	X	X	X	X
	Visualization	X	X	X	X	X
Ball Bearing - 2D, 3D *	Machine Components		X	X	X	X
Base Cabinet	Furn./Fixtures		X	X	X	X
Bath-Shower	Furn./Fixtures		X	X		
Batt Insulation	Detailing	X	X	X	X	X
Bearing Lock Nut - 2D, 3D *	Machine Components		X	X	X	X
Belleville Spring - 2D, 3D *	Machine Components		X	X	X	X
Bevel Gears - 2D, 3D *	Machine Components		X	X	X	X
BIMobject	Furn./Fixtures		X	X		
Blended Screen	Spotlight		+			X
Bolt and Nut - inch	Detailing		X	X		
Bolt and Nut - mm	Detailing		X	X		
Break Line	Dims/Notes	X	X	X	X	X
Bridge Line	Dims/Notes	X	X	X	X	X
Bulb Flat - 2D, 3D *	Detailing		X	X	X	X
Callout *	Basic	X	X	X	X	X
Camera Match Mask	Visualization	X	X	X	X	X
Camera Match Shadow	Visualization	X	X	X	X	X
Campanile	Building Shell					X
	Site Planning		X	X	X	
Carriage Bolt - 2D, 3D *	Detailing		X	X	X	X

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Vectorworks 2017 Product Comparison: Tools

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Ceiling Grid	Furn./Fixtures		X	X		
	MEP		X	X		
Center Line Marker	Dims/Notes		X	X	X	X
Center Mark	Dims/Notes	X	X	X	X	X
Chain Extrude	Building Shell		X	X	X	X
Chamfer	Basic	X	X	X	X	X
Chamfer Edge	3D Modeling	X	X	X	X	X
Channel - 2D, 3D *	Detailing	X	X	X	X	X
Circle	Basic	X	X	X	X	X
Circuiting	MEP		X	X		
Clevis Pin (DIN) - 2D, 3D *	Fasteners		X	X	X	X
Clevis Pin (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Clevis Pin (Metric) - 2D, 3D *	Fasteners		X	X	X	X
Clip *	Basic	X	X	X	X	X
Clothes Rod	Furn./Fixtures		X	X		
Column	Building Shell		X	X	X	X
	Walls	X				
Comm Device	MEP		X	X		
Compartment Sink	Furn./Fixtures		X	X		
Component Join	Building Shell		X	X	X	X
Compression Spring 1 - 2D, 3D *	Machine Components		X	X	X	X
Compression Spring 2 - 2D, 3D *	Machine Components		X	X	X	X
Cone	3D Modeling	X	X	X	X	X
Conical Compression Spring - 2D, 3D *	Machine Components		X	X	X	X
Connect/Combine	Basic	X	X	X	X	X
Constrain Angle *	Dims/Notes	X	X	X	X	X
Constrain Coincident *	Dims/Notes	X	X	X	X	X
Constrain Collinear *	Dims/Notes	X	X	X	X	X
Constrain Concentric *	Dims/Notes	X	X	X	X	X
Constrain Distance *	Dims/Notes	X	X	X	X	X
Constrain Horiz Distance *	Dims/Notes	X	X	X	X	X
Constrain Horiz-Vertical *	Dims/Notes	X	X	X	X	X
Constrain Parallel *	Dims/Notes	X	X	X	X	X
Constrain Perpendicular *	Dims/Notes	X	X	X	X	X
Constrain Radius *	Dims/Notes	X	X	X	X	X
Constrain Tangent *	Dims/Notes	X	X	X	X	X
Constrain Vertical Distance *	Dims/Notes	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Tools

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Constrained Linear Dimension	Basic				X	X
	Dims/Notes	X	X	X	X	X
Controller	Irrigation		X		X	
Cotter Pin (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Counter Top	Furn./Fixtures		X	X		
Create Contours	3D Modeling	X	X	X	X	X
Curved Truss	Detailing		X			
	Spotlight					X
Custom Cabinet	Furn./Fixtures	X	X	X	X	X
Data Cable	Spotlight		+			X
Data Stamp	Dims/Notes	X	X	X	X	X
Datum Feature Symbol *	Dims/Notes		X	X	X	X
Datum Target Symbol *	Dims/Notes		X	X	X	X
Deform	3D Modeling	X	X	X	X	X
Design Zone	Irrigation		X		X	
Desk	Furn./Fixtures		X	X	X	X
Detail Bubble*	Dims/Notes		X	X	X	X
Detail Cut Wood	Detailing		X	X	X	
Detail-Callout Marker	Dims/Notes		X	X	X	X
Die Spring - 2D, 3D *	Machine Components		X	X	X	X
Dimension Tape	Dims/Notes		+			X
Door	Building Shell	+	X	X	X	X
Double Line	Basic	X	X	X	X	X
Double-Line Polygon	Basic	X	X	X	X	X
Dowel Pin (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Drawing Label	Dims/Notes	X	X	X	X	X
Drilled Footing	Building Shell		X	X		
Drip Outlet	Irrigation		X		X	
Duplicate Symbol in Wall	Building Shell		X	X	X	X
	Walls	X				
Edit Circuiting	MEP		X	X		
Edit Curtain Wall	Building Shell		X	X	X	X
Edit Subdivision	3D Modeling	X	X	X	X	X
Elevation Benchmark	Dims/Notes		X	X	X	
Elevator	Building Shell		X	X		
Escalator	Building Shell		X	X		
Existing Tree	Site Planning		X		X	
Extension Spring - 3D, Front, End *	Machine Components		X	X	X	X

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Vectorworks 2017 Product Comparison: Tools

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Extract	3D Modeling	X	X	X	X	X
Eye Bolt - 2D, 3D *	Fasteners		X	X	X	X
Eyedropper	Basic	X	X	X	X	X
Fastener (Places Screw or Screw/Washer/Nut Combination, Plain Washer, Nut, Lock Washer, Shoulder Screw, Set Screw)	Fasteners		X	X	X	X
Feature Control Frame *	Dims/Notes		X	X	X	X
Feeder Cable	Spotlight		+			X
Fillet	Basic	X	X	X	X	X
Fillet Edge	3D Modeling	X	X	X	X	X
Fireplace	Furn./Fixtures		X	X		
Fixed Point Resize *	Basic	X	X	X	X	X
Flanged Bearing - 2 Hole - 2D, 3D *	Machine Components		X	X	X	X
Flanged Bearing - 4 Hole - 2D, 3D *	Machine Components		X	X	X	X
Flyover	3D Modeling	X	X	X	X	X
	Basic	X	X	X	X	X
	Visualization	X	X	X	X	X
Focus Point	Spotlight		+			X
Framing Member	Detailing		X	X	X	
Freehand	Basic	X	X	X	X	X
Ganging	Spotlight		+			X
General Notes	Dims/Notes		X	X	X	X
Geom Dim and Tol Note *	Dims/Notes		X	X	X	X
Grab Bars	Furn./Fixtures		X	X		
Grade	Site Planning		X		X	
	Building Shell			X		X
Graticule	Site Planning		X		X	
Great Circle	Site Planning		X		X	
Grid - Polar	Dims/Notes	X	X	X	X	X
Grid - Rectangular	Dims/Notes	X	X	X	X	X
Grid Bubble	Dims/Notes		X	X	X	
Guardrail (Curved) *	Site Planning		X	X	X	
Guardrail (Straight) *	Site Planning		X	X	X	
Handrail (Curved)	Furn./Fixtures		X	X	X	
Handrail (Straight)	Furn./Fixtures		X	X	X	
Hardscape	Site Planning		X		X	
Heliodon	Visualization		X	X	X	X
Hemisphere	3D Modeling	X	X	X	X	X
Hex Cap Nut (DIN) - 2D, 3D *	Fasteners		X	X	X	X

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(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Hoist	Spotlight		+			X
Hoist Origin	Spotlight		+			X
Hole - Drilled - 2D, 3D *	Detailing		X	X	X	X
Hole - Tapped (Inch) - 2D, 3D *	Detailing		X	X	X	X
Hole - Tapped (Metric) - 2D, 3D *	Detailing		X	X	X	X
Hole Pattern	Detailing		X	X	X	X
Hub 3D *	Machine Components		X	X	X	X
HVAC Damper	MEP		X	X		
HVAC Diffuser	MEP		X	X		
HVAC Elbow Duct	MEP		X	X		
HVAC Flex Duct	MEP		X	X		
HVAC Outlet	MEP		X	X		
HVAC Splitter	MEP		X	X		
HVAC Straight Duct	MEP		X	X		
HVAC Transition	MEP		X	X		
HVAC Vertical Duct	MEP		X	X		
HVAC Vertical Elbow	MEP		X	X		
Hydrozone	Irrigation		X		X	
Hyperlink	Dims/Notes	X	X	X	X	X
I-Beam - 2D, 3D *	Detailing	X	X	X	X	X
ID Label	Dims/Notes		X	X	X	
Incandescent Fixture	MEP		X	X		
Instrument Summary	Spotlight		+			X
Interior-Elevation Marker	Dims/Notes	X	X	X	X	X
Isolate Points (temporary tool)	Point Cloud Object Info palette	X	X	X	X	X
J-Bolt - 2D, 3D *	Fasteners		X	X	X	X
Jumper Cable	Spotlight		+			X
Key - 2D, 3D *	Machine Components		X	X	X	X
Keyway	Detailing		X	X	X	X
Knurled Thumb Nut (DIN) - 2D, 3D *	Fasteners		X	X	X	X
Knurled Thumb Nut (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Lag Screw - 2D, 3D *	Detailing		X	X	X	X
Landscape Area	Site Planning		X		X	
Leader Line *	Basic		X	X	X	X
Leader Line Simple *	Basic	X	+	+	+	+
LED Screen	Spotlight		+			X
Light	Visualization	X	X	X	X	X
Lighting Accessory	Spotlight		+			X

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(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Lighting Instrument	Spotlight		+			X
Lighting Pipe	Spotlight		+			X
Lighting Pipe Ladder	Spotlight		+			X
Lighting Position	Spotlight		+			X
Line	Basic	X	X	X	X	X
Linear Material	Detailing		X	X	X	
Loft Surface	3D Modeling	X	X	X	X	X
Marionette	Basic		X	X	X	X
Massing Model *	Site Planning		X	X	X	
Material Note *	Dims/Notes		X	X	X	X
Mirror	Basic	X	X	X	X	X
Move by Points	Basic	X	X	X	X	X
Move Page *	Basic	X	X	X	X	X
Mullion	Building Shell		X	X		
Multicable	Spotlight		+			X
Needle Bearing - 2D, 3D *	Machine Components		X	X	X	X
North Arrow	Dims/Notes		X	X	X	X
NURBS Curve	3D Modeling	X	X	X	X	X
Offset	Basic	X	X	X	X	X
Outlet	Irrigation		X		X	
Oval	Basic	X	X	X	X	X
Pan *	Basic	X	X	X	X	X
Parallel Pin (DIN) - 2D, 3D *	Fasteners		X	X	X	X
Parking Along Path	Site Planning		X		X	
Parking Area	Site Planning		X		X	
Parking Spaces	Building Shell	+				X
	Site Planning		X	X	X	
Photometer	Spotlight		+			X
Photometric Grid	Spotlight		+			X
Pilaster	Building Shell		X	X		
Pillow Block - 2D, 3D *	Machine Components		X	X	X	X
Pipe	Irrigation		X		X	
Pipe Fitting	Detailing		X	X		
Piping	MEP		X	X		
Piping Connection	MEP		X	X		
Piping Run	MEP		X	X		
Plant	Site Planning		X		X	
Point of Connection	Irrigation		X		X	

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Vectorworks 2017 Product Comparison: Tools

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Polyline	Basic	X	X	X	X	X
Project	3D Modeling	X	X	X	X	X
Property Line	Site Planning		X	X	X	
Protractor	Basic				X	X
	Dims/Notes	X	X	X	X	X
Pulley - 2D, 3D *	Machine Components		X	X	X	X
Push/Pull	3D Modeling	X	X	X	X	X
Quarter Arc *	Basic	X	X	X	X	X
Radial Dimension	Basic				X	X
	Dims/Notes	X	X	X	X	X
Railing/Fence	Furn./Fixtures		X	X	X	
	Site Planning		X		X	
Ramp	Building Shell		X	X	X	X
Receptacle	MEP		X	X		
Rectangle	Basic	X	X	X	X	X
Rectangular Tubing - 2D, 3D *	Detailing	X	X	X	X	X
Redline Tool	Dims/Notes		X	X	X	X
Reference Marker	Dims/Notes	X	X	X	X	X
Regular Polygon	Basic	X	X	X	X	X
Remove Wall Breaks	Building Shell		X	X	X	X
	Walls	X				
Render Bitmap	Visualization	X	X	X	X	X
Renderworks Camera	Visualization	X	X	X	X	X
Repetitive Unit	Detailing		X	X	X	
Reshape	Basic	X	X	X	X	X
Retaining Ring (ASME) 2D, 3D *	Fasteners		X	X	X	X
Retaining Ring (DIN) - 2D, 3D *	Fasteners		X	X	X	X
Retaining Washer (DIN) - 2D, 3D *	Fasteners		X	X	X	X
Revision Cloud	Dims/Notes	X	X	X	X	X
Revision Marker	Dims/Notes		X	X	X	
Rivet - Large (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Rivet - Small (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Rivet (DIN) - 2D, 3D *	Fasteners		X	X	X	X
Roadway (Curved) *	Site Planning		X	X	X	
Roadway (Custom Curb)*	Site Planning		X	X	X	
Roadway (NURBS) *	Site Planning		X	X	X	
Roadway (Poly)*	Site Planning		X	X	X	
Roadway (Straight) *	Site Planning		X	X	X	

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Vectorworks 2017 Product Comparison: Tools

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Roadway (Tee) *	Site Planning		X	X	X	
Roller Bearing - 2D, 3D *	Machine Components		X	X	X	X
Roller Chain - Circular - 2D, 3D *	Machine Components		X	X	X	X
Roller Chain - Linear - 2D, 3D *	Machine Components		X	X	X	X
Roller Chain - Offset Link - 2D, 3D *	Machine Components		X	X	X	X
Room Name Simple	Dims/Notes	X	X	X	X	X
Rope and Stanchion	Spotlight		+			X
Rotate	Basic	X	X	X	X	X
Rotate View	Visualization	X	X	X	X	X
Round Tubing - 2D, 3D *	Detailing	X	X	X	X	X
Round Wall	Building Shell		X	X	X	X
	Site Planning				X	
	Walls	X				
Rounded Rectangle	Basic	X	X	X	X	X
Scale Bar	Dims/Notes	X	X	X	X	X
Screw Threads	Detailing		X	X	X	X
Seating Layout	Furn./Fixtures		X	X		X
Section Note *	Dims/Notes		X	X	X	X
Section-Elevation Marker	Dims/Notes	X	X	X	X	X
Select Similar	Basic		X	X	X	X
Selection	Basic	X	X	X	X	X
Set Working Plane *	3D Modeling	X	X	X	X	X
Shaft - 2D, 3D *	Machine Components		X	X	X	X
Shaft Break	Detailing	X	X	X	X	X
Shaft Break 2	Detailing		X	X	X	X
Shear *	Basic	X	X	X	X	X
Sheet Border	Dims/Notes	X	X	X	X	X
Sheet Metal Screw - 2D, 3D *	Detailing		X	X	X	X
Shell Solid	3D Modeling	X	X	X	X	X
Shelving Unit	Furn./Fixtures		X	X	X	X
Simple Stair	Building Shell		+	+	X	X
	Walls	X				
Site Modifiers	Site Planning		X	X	X	
Slab	Building Shell		X	X	X	X
Slab Drainage	Building Shell		X	X	X	X
Slope Dimension	Dims/Notes		X	X	X	
Slot	Detailing	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Tools

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Soft Goods	Detailing		X			
	Spotlight					X
Space	Building Shell		X	X	+	+
	Space Planning		X	X		
Space Link	Space Planning		X	X		
Speaker	Spotlight		+			X
Speaker Array	Spotlight		+			X
Sphere	3D Modeling	X	X	X	X	X
Spiral	Basic	X	X	X	X	X
Split	Basic	X	X	X	X	X
Sprocket - 2D, 3D *	Machine Components		X	X	X	X
Spur Gear - 2D, 3D *	Machine Components		X	X	X	X
Spur Gear Rack - 2D, 3D *	Machine Components		X	X	X	X
Square Tubing - 2D, 3D *	Detailing	X	X	X	X	X
Stacking Diagram	Space Planning		X	X		
Stage Deck	Spotlight		+			X
Stage Lift	Spotlight		+			X
Stage Plug	Spotlight		+			X
Stage Ramp	Spotlight		+			X
Stage Steps	Spotlight		+			X
Stair	Building Shell		X	X	X	
Stake	Site Planning		X	X	X	
Stipple	Dims/Notes		X	X	X	X
Straight Truss	Detailing		X			
	Spotlight					X
Structural Member	Building Shell		X	X		
Surface Texture Symbol *	Dims/Notes		X	X	X	X
Swing Bolt - 2D, 3D *	Fasteners		X	X	X	X
Swing Eye Bolt - 2D, 3D *	Fasteners		X	X	X	X
Switch	MEP		X	X		
Symbol Insertion	Basic	X	X	X	X	X
Symmetry Label	Dims/Notes	X	X	X	X	X
System Component	Irrigation		X		X	
Table and Chairs	Furn./Fixtures		X	X	X	X
Tag/Label	Irrigation		X		X	
Tape Measure	Basic				X	X
	Dims/Notes	X	X	X	X	X
Taper Face	3D Modeling	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Tools

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Taper Pin (DIN) - 2D, 3D *	Fasteners		X	X	X	X
Taper Pin (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Tapered Roller Bearing - 2D, 3D *	Machine Components		X	X	X	X
T-Bolt - 2D, 3D *	Fasteners		X	X	X	X
Tee - 2D, 3D *	Detailing	X	X	X	X	X
Television	Spotlight		+			X
Text	Basic	X	X	X	X	X
Thrust Bearing - 2D, 3D *	Machine Components		X	X	X	X
Thumb Screw (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Toilet Stall	Furn./Fixtures		X	X		
Torsion Spring - 3D, Front, End *	Machine Components		X	X	X	X
Translate View	Visualization	X	X	X	X	X
Triangle *	Basic	X	X	X	X	X
Trim	Basic	X	X	X	X	X
Tubular Rivet (DIN) - 2D, 3D *	Fasteners		X	X	X	X
U-Bolt - 2D, 3D *	Fasteners		X	X	X	X
Unconstrained Linear Dimension	Basic				X	X
	Dims/Notes	X	X	X	X	X
Utility Cabinet	Furn./Fixtures		X	X	X	X
Valve	Irrigation		X		X	
VBvisual Plant	Visualization	X	X	X	X	X
Video Screen	Spotlight		+			X
Visibility	Basic	+	X	X	X	X
Walkthrough	Visualization	X	X	X	X	X
Wall	Building Shell		X	X	X	X
	Site Planning				X	
	Walls	X				
Wall Cabinet	Furn./Fixtures		X	X	X	X
Wall End Cap	Building Shell		X	X	X	X
Wall Join	Building Shell		X	X	X	X
	Site Planning				X	
	Walls	X				
Welding Sym-Fillet (AWS), (ISO) *	Dims/Notes		X	X	X	X
Welding Sym-Flange (AWS), (ISO) *	Dims/Notes		X	X	X	X
Welding Sym-Groove (AWS), (ISO) *	Dims/Notes		X	X	X	X
Welding Sym-Misc (AWS), (ISO) *	Dims/Notes		X	X	X	X
Welding Sym-Slot-Plug (AWS), (ISO) *	Dims/Notes		X	X	X	X
Wide Flange - 2D, 3D *	Detailing	X	X	X	X	X

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Vectorworks 2017 Product Comparison: Tools

(F: Fundamentals, D: Designer, A: Architect, L: Landmark, S: Spotlight)

Tool	Tool Palette/Set	F	D	A	L	S
Window	Building Shell	+	X	X	X	X
Wing Nut - Type A (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Wing Nut - Type B (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Wing Nut - Type C (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Wing Nut - Type D (Inch) - 2D, 3D *	Fasteners		X	X	X	X
Wing Nut (DIN) - 2D, 3D *	Fasteners		X	X	X	X
Wood Screw - 2D, 3D *	Detailing		X	X	X	X
Woodruff Key - 2D, 3D *	Machine Components		X	X	X	X
Workstation Counter	Furn./Fixtures		X	X	X	X
Workstation Overhead	Furn./Fixtures		X	X	X	X
Workstation Panel	Furn./Fixtures		X	X	X	X
Workstation Pedestal	Furn./Fixtures		X	X	X	X
Worm - 2D, 3D *	Machine Components		X	X	X	X
Worm Gear - 2D, 3D *	Machine Components		X	X	X	X
Zoom	Basic	X	X	X	X	X
Z-Section - 2D, 3D *	Detailing		X	X	X	X

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