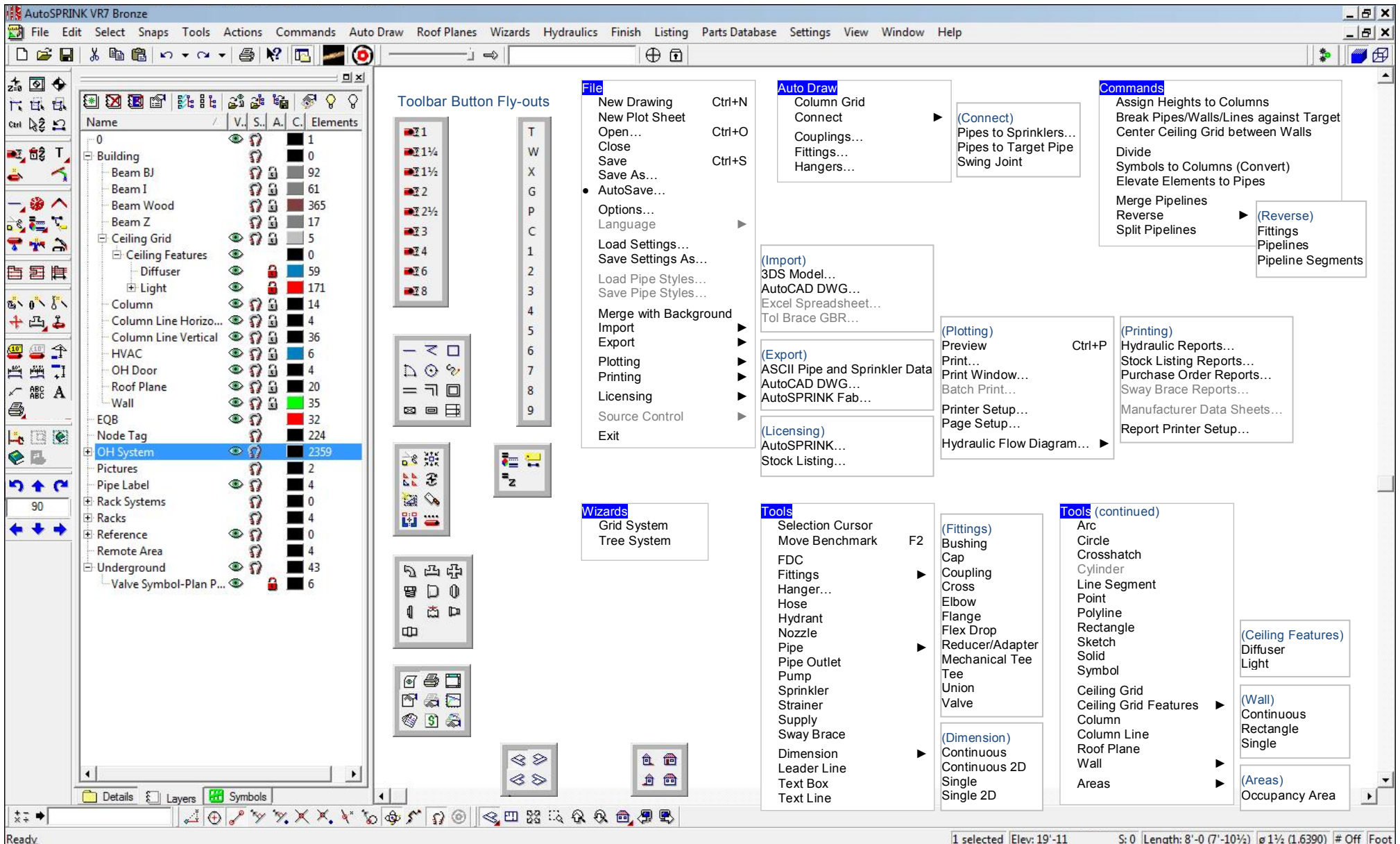


## Bronze Level VR7 Toolbars and Menus

*These Features are included in the Silver Level Program.*



The all new VR7 'Simple Interface' with Fly-Out Toolbars, shown above, is available in all Levels of the program. The program features, commands, wizards, toolbars and toolbar button arrangements vary with the program Level. Only the Bronze Level tools are shown here.

**These Features are included in the Silver Level Program.**

**Additional Bronze Level VR7 Menus**

- Edit**
- Undo Ctrl+Z
  - Redo Ctrl+Y
  - Cut Ctrl+X
  - Copy Ctrl+C
  - Paste Ctrl+V
  - Delete Del
  - Delete All
  - Copy Bitmap
  - Copy Bitmap Element
  - Paste Bitmap

- Select**
- All Ctrl+A
  - All Like Selected
  - Every
  - Last Ctrl+R
  - All in Rectangle
  - Every in Rectangle
  - Crossing Window
  - Alt-Window
  - Crossing Line
  - Rectangular Crossing
  - Next Target Tab
  - Previous Target Shift+Tab

- (Every / Every in Rectangle)
- Benchmark Labels
  - All Sprinkler System Components
  - FDC
  - Fitting
  - Flow Device
  - Hanger
  - Hose
  - Hydrant
  - Nozzle
  - Pipe
  - Pipeline
  - Pump
  - Sprinkler
  - Strainer
  - Supply
  - Sway Brace
  - Check Point Gauge
  - Node Tag
  - Remote Area Boundary
  - Dimension
  - Leader Line
  - Text Box
  - Text Line

- (Labels)
- Column Labels
  - Hanger Labels
  - Pipe Labels
  - Pipeline Labels
  - Pipeline Segment Labels
  - Remote Area Labels
  - Sprinkler Labels
  - Typical Labels

- (Pipe)
- All Pipes
  - Branch Line
  - Cross Main
  - Drop
  - Feed Main
  - Feed Riser
  - Label
  - Riser Nipple
  - Sprig
  - Underground

- (Fittings)
- All Fittings
  - Bushing
  - Cap
  - Coupling
  - Cross
  - Elbow
  - Flange
  - Flex Drop
  - Reducer/Adapter
  - Mechanical Tee
  - Tee
  - Union
  - Valve

- (Every / Every in Rectangle)
- Arc
  - Attribute
  - Crosshatch
  - Cylinder
  - DWG Dimension
  - Ellipse
  - Line Segment
  - Mesh
  - Point
  - Polyline
  - Quad
  - Solid
  - Symbol
  - Triangle
  - Ceiling Grid
  - Column
  - Column Line
  - Roof Plane
  - Wall
  - Area
  - Detail
  - Group

- Snaps**
- Z Lock Shift+F2
  - Elevation Lock
  - Alter Benchmark Elevation/Rotation Ctrl+F2
  - Auto Benchmark Shift+F4
  - Visible Benchmark Ctrl+F4
  - Orthographic Alt+F2
  - Center (Midpoint) F6
  - End Point F7
  - Perpendicular All (2D) F8
  - Perpendicular (3D) F9
  - Intersection All F10
  - Intersection F11
  - Nearest Point F12
  - Tangent
  - Special Element F4
  - Pipe to Sprinkler Snap Options...
  - Snap into Symbols
  - Element Snaps (Toggle) F3
  - Enable AutoCAD Element Snaps

- Actions**
- Hide Layers of Elements
  - Create Detail...
  - Create Symbol...
  - Group
  - Split
  - Array...
  - Cleanup Intersections
  - Match
  - Mirror...
  - Scale
  - Trim / Extend

- (Split)
- Ceiling Grids
  - Column Lines
  - Crosshatch
  - Groups
  - Polylines
  - Symbols

- (Match)
- Properties
  - Elevation

- (Sprinkler)
- All Sprinklers
  - Upright
  - Pendent
  - Sidewall
  - Other

- (Area)
- System Area

- Roof Planes**
- Automatic Roof Planes
  - Elevate Elements to Roof Planes
  - Rotate Sprinklers to Roof Planes

- Settings**
- Drawings...
  - Fabrication Standards...
  - Format...
  - Hydraulic Calculations...
  - Render...
  - Cursor Toggles
  - Pipe Styles
  - Pipe Styles Override Defaults
  - Default Properties
  - Get Defaults from Selection
  - Default Properties
  - Properties
  - Save Settings
  - Automatically Save Settings

- Hydraulics**
- AutoPeak
  - Analysis Reports
  - Node Tags
  - Remote Area Boundary
  - Hydraulic Calculation Messages

- (Node Tags)
- Single
  - Create
  - Update
  - Remove
  - Renumber...

- Listing**
- Pipelines
  - Assign Price Area...
  - Assign List Area...
  - Active List Area...
  - Listing Manager
  - Bill of Material (BOM)
  - Estimate Selection
  - Run AutoPRICER

- (Pipelines)
- Create Pipelines & Make-Ons
  - Delete All Pipelines

- Parts Database**
- Add New Parts Book Item
  - Add New / Edit Parts Book Pipe Type
  - Edit Parts Book Item
  - Remove Parts Book Item
  - View Parts List...
  - Database Utilities

- (Database Utilities)
- Change Parts Database Location...
  - Copy Parts Database
  - Merge Parts Database
  - Compact and Repair Database
  - Validate / Update Parts Database
  - Change Parts Links Database Locator

- Help**
- Help Topics
  - Troubleshooting
  - Tutorial Videos
  - Index
  - Support
  - Tip of the Day
  - Using Help
  - Getting Started Guide
  - About AutoSPRINK VR7

- View**
- Rendering
  - Enlarge Outlet Points on Fittings
  - Hide Pipe Labels
  - Show Leaks
  - Show Page Breaks
  - Calculator Ctrl+T
  - Status Bar
  - Tool Bars
  - Refresh F5
  - Refresh Elements Alt+F5

- (Rendering)
- Shaded
  - Wire Frame
  - Direct 3D
  - OpenGL
  - Windows GDI














- Finish**
- Harmonize Pipes & Fittings
  - Labels
  - Cleanup Intersections

- (Labels)
- Pipe
  - Pipeline
  - Sprinkler
  - Hanger
  - Column

- Window**
- New Window
  - Cascade
  - Tile
  - Arrange Icons
  - Clean House
  - Device Capabilities

# Additional Silver Level VR7 Features, Commands, Tools and Wizards

## Additional toolbar buttons available in this Level:

-  Auto Branch Lines
-  Auto Riser Nipple
-  Auto Size Pipes
-  Swing Multiple
-  In-Rack System Wizard
-  Loop System Wizard
-  Remote Area (Standard)
-  Remote Area Box
-  System Optimizer
-  Dimension an Area
-  Match Color
-  Match Layer
-  Match Line Weight

## Additional Toolbar Fly-Outs available in this Level:



- Coverage Cell View
- Hide Area
- Auto Roof Planes
- Color Pipes By
- Check Point Gauge



- FF – Centerline
- BOB – Centerline
- TOB - Centerline)
- TOS – Centerline

