SAPPHIRE Structure™

RELEASE NOTES –

Enhancements & Defects Fixed

Version 7.2.3

04/21/2010

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INTRODUCTION

These notes reflect the enhancements and defects during the development for the 7.2.3 version of our software. The numbers at the right-hand margin above each defect are the tracking numbers we use to track defects, enhancements and new features through the system. You may use these numbers as a reference if you need to call Technical Support regarding any of these fixes.

New Features in the software are covered in a separate document, known as the Release Notes – New Features.

ENHANCEMENTS

General

Import: DXF/DWG 16386
System imports DWG/DXF block objects.

Save View As: Location 19245
Last save location saved with Save View As.

Building Styles: Layout Sheets 29319
System allows user the ability to set the default layout sheet/sheets for any building style and different levels.

Scanline: Save Settings 33670
Scanline properties are now pulled from Job Settings>Drawing and Markup Tools>Dimensions.

Collections: DXF/DWG Scaling 34858
Scaling added for DXF/DWG.

Performance: Enhance Interactive Cursor Drawing Capabilities 34898

Integration: TRS & LDG 35118, 35717
Systems allow creation of TRS & LDG files without System Trace Mode - File Creation Only.

Revit MXF: Installer 35783
Create installer for Revit MXF plugin, which correctly copies DLLs and edits Revit ini files.

Revit MXF: Library 35784
System use latest MXF library.

Dimensions: Display on 3rd Point 35917
With the interactive cursor, dimension display is enhanced and designers can see dimensions before they are placed or edited.

Material Manager: Added Generic Materials 36464
Additional generic material for joists, steel beams and glulam beams created and available.

Estimating: Output 36627
Reformated output for Estimating Dialog to CSV. We removed semi-colons and equal signs from the report; separate estimate name, calculated total and selected units with a comma and no spaces; if None is the selected unit, do not display.

PDF Import: 64-Bit 36845
Import PDF is not available on 64-Bit systems.

Wall

Elevation Plate View: Above or Below 22628
Setting in Program Settings>Wall allows user to select View Bottom Plate from Below (default setting) or Above.

PANEL: Automatically Frame 35694
Eliminated the Automatically Frame walls setting.
Part Labels: More Readable 35839
The placement of part labels made cleaner.

PANEL REPORTS: Dimensions 35876
The dimensions on the Elevation Graphic use the specified UOM.

Multi Family: Print Reports 35879
System allows the user to select a unit and print the reports for only that unit.

Multi Family: Label Tokens 35880
System has Multi-Family label settings for the types required, walls, beams, posts, bundles. System has labeling tokens that are specific to multi-family manager specific parsing.

Multi Family: Right Click 35883
System unit cursor immediately redraws after a right click.

Material Picker: Materials 35884
System makes the Material the active field when entering a material dropdown, not the consider list.

Corner Posts: Labels 36056
Corner posts are just like any other end stud member now and no longer have a label.

Roofs

(AP) Framing Sets: Image 25010
Retain helpful image of what to click on for framing set when placing framing set

Truss Details: Ledger/End Vertical options 34798
System has setback distance of a vertical web is the distance from a given point by truss type.

Truss Profile: Automatic handling of vertical steps 34975
System enhanced to do better job of solving truss profiles for Quick Truss, FillGaps, and Framing Set input methods.

California Hips: Splice Rafter Truss 35541
System provides ability to splice a Rafter Truss.

Truss Details: Draw 35666
System has ability to display roof truss details in plan and elevation view, along with the framing for roof truss details.

Truss Details: Leg Down Truss 35915, 35982
System provides truss details for leg down truss.

DEFECTS

General

New Job: System Crash 32606
Creating a new job using existing job name does not crash system.

Advanced Selection: System Crash 34534
Using advanced selection does not crash system.

64bit: Insert Images 35176
With 64bit, insert images as level background working correctly.

Beam: Extend 35374
Beams will extend to a line.

64bit: Drag & Drop 35451
Able to do use Drag/Drop while on a 64 Bit machine.

WIN7: System Crash 35565
Going into plottable hidden line or plottable wireframe from any view that is not plan view does not cause system crash.

Reference Line Toolbar: System Crash 35626
System does not crash when adding a button to the Reference Line Toolbar.

Libraries: Hatching 35710
In Libraries under hatching, icons are not changing from hatch icon to a folder icon and then back to a hatch icon.

V3 Incident Report: System Crash 35790
Optiframe.EntityManager.FloorContainerManager.GetDisplayProperties fixed.

Save View As: BMP 35940
TrussFramer .BMP files created with "save view as" will import into OptiframeCAD using the "import BMP" command.

Collections: Error 35952
Object Not Set to an instance error does not occur when changing the file selection during insert.

64 bit: System Crash 36029
System does not crash trying to open an exportable solid view window with a 64 bit machine.

64bit: Wire-frame Views 36062
On 64bit wire-frame views create correctly

Split Equally: System Crash 36092
System does not crash when "splitting equally" and a large number of pieces input

Viewports / Direct3D Renderer: Log Off 36094
Viewports / Direct3D Renderer starting after a system log off.

Print Session: System Crash 36095
System does not crash sometimes printing from the Print Session dialog (OutOfMemory Exceptions).

64bit: Contact Surface 36106
With 64bit, contact surface asserts/interferences are fixed.

64bit:OptiFrame CAD 36110
System does not generate error when trying to create a member report.

Starting Program: System Crash 36111
System does not crash starting TrussFramer generating Incident Reports.

Detail Symbol: Stretch 36115
Detail symbol stretch properly.

Box Selection: Visibilities 36148
With Box Selection the Visibilities are being respected.

64bit: System Crash 36149
Elevation View to Layout sheet back to elevation view - Zoom in and out does not cause a system crash.

Incident Report: System Crash 36151
V3 Incident Report: Optiframe.Geometry.Plane3D.Normalise - Roof Decking Issues using soffit adjust tool are resolved.

Copy/Paste/Mirror: System Crash 36152
System does not crash upon Cut/Copy/Paste/Rotate/Mirror.

Detail Symbols: Leader Lines 36183
Detail Symbols and their associated leader lines do not become confused when moved about the screen.

Import: DXF 36188
DXF created from Structure does not blow up when importing back into Structure.

Heads-Up Display: System Crash 36189
Intermittent system crash with HUD on resolved.

Dimensions: End Markers 36197
Dimensions: Manual dim end markers are not respecting system defaults.

Estimating: Create Estimate 36220
Create Estimate tool does not disable if user right clicks on Layers in Job Tree.

64bit: System Crash 36234
Exporting to OptiFrameCAD does not cause system crash.

Template Selector: Selection 36249
Making a second change does not result in all values displaying Object Reference Not Set to an Instance error when selected.

Collections: System Crash 36253
Saving a collection while a hatch pattern is selected does not result in a system crash.

Plan Checker: Labels 36268
Label display functions properly.

Estimating: Null 36283
Estimating dialog does not create null on object selection/selection set for estimates.

Visibility Switches: Plan 36287
Window position does not change after changing a setting.

Visibility: Schemes 36295
Visibility is updated as expected using schemes.

Silent Install: Path 36324
Problem with the silent install reading the correct path resolved.

Upgrade: Issue 36330
Upgrading from 7.2.2 to 7.2.3 works correctly.

Detail Symbol: Job Properties 36344
Detail Symbol does not exists twice in Job Properties.

MBA Integration: New Job 36356
Starting a new job from MBA does not cause 2 Layout Sheet nodes to appear in Job Tree.

Building Style: Error 36370
Obscure message when copying a level in Building Styles does not occur.

Materials Management: Generic Material 36444
Removed User Defined Material references with Generic Materials tab active.

Incident Report: System Crash 36477
Optiframe.Communication.ApplicationHub. OnReceiveMessage while sending trusses does not occur.

Dock Windows: System Crash 36524
System does not crash when docking windows in elevation view.

64bit: DWF Import 36552
DWF files will import correctly.

64bit: RealDWG 36589
Updated prerequisites for the new RealDWG functionality.

CAD Tools: System Crash 36612
System does not crash when selecting a curved object with CAD edit commands (Trim, Extend).

Hasp Drivers: Windows 7 36653
Current Hasp drivers work on Windows7.

Viewer: System Crash 36675
Viewer does not crashing while viewing file in 3D view.

Installer: RealDWG 36677
Installer updates RealDWG path so a restart isn't forced.

Hatching Template: System Crash 36722
Template usage in hatching does not crash the system.

Undo: System Crash 36761
System does not crash after changing the number of Undo/Redo steps saved in Program Settings.

Double Click: Open 36773
Display Member Reports works when opening a job by double clicking on .mmdl file.

Input Objects: System Crash 36766
Rare crash inputting objects does not occur.

Open TRN: System Crash 36795
Job does not crash while trying to bring TRN file into TrussFramer.

Walls

Multi-Family: Reference Unit 36625
Walls that are part of a Reference Unit appear on the panel list.

Input Walls: System Crash 32527
Inputting two walls that butt from opposite directions does not cause system crash.

Studs: Critical Studs 32877
Load transfer stud is not placed if the supported truss is parallel to the wall.

Brickwork: Mirror 34355
Brickwork mirrors with primary side of wall if no sheathing is on the wall.

Stud Alignment: Trusses 34769
Property changes to direct load transfer studs will result in the creation of critical studs in the wall where the property changes was made.

Wall: Lock 35201
Wall Panel "Lock" Feature holds/locks junctions and beam pockets

Door Swing: System Crash 35484
System does not crash when selecting modify door swing with a sub assembly selected along with the door opening crashed program.

Fill Gaps: 3D Display 35606
With Fill Gaps, 3D display of truss ends is correct when Maintain Consistent Profile is enabled.

Holdback Value: Updated 35860
The Maximum Values for Corner and Butting Junction Holdbacks has been updated to two feet.

Substitution: System Crash 35972
System does not crash in walls hit by UpdateAvailableBlocking FabricationRegions

Header: Merge Header 36123
The Merge header command does not cause the right jack to extend through the header and cause an interference.

Options: Stud 36155
Stud does not disappear in model (not Options based but is more common for Options logic).

Output: Virtek 36196
Virtek output formats the wall height correctly if the height is an even foot increment.

Options: Fixes 36229, 36290, 36291, 36292
Fixes for General Release

Multi Family: Wall Resequence 36242
Wall Resequence will resequence walls that tied to a multi family unit.

Walls: Copy/Paste 36247
Wall does not get connections that are not included during copy paste.

Stacking: Windows 36256
Stacking windows work correctly.

Multi Family: System Crash 36276
System does not crash when updating a unit that contains a post that is linked to the top of a level.

Jack Studs: Cripple/Nailer 36278
Jack studs are not running through cripple and header bottom nailer on interior door openings.

Header: System Crash 36312
System does not crash when adding a wall header to a wall.

Multiple Opening: Property Changes 36361
User is able to update certain properties on multiple openings.

Options: Walls 36367
Walls do not duplicate when the wall type is changed or a wall is merged.

Walls: Global Stud Alignment 36374
Global Stud Alignment functions properly.

Options: Interference 36394
Eliminate Interference command does not duplicate objects.

Manually Placed Blocks: Setting 36397
System ignores Distance to Cripple/Sill/Header settings for manually placed blocks.

Break: System Crash 36399
Breaking Pane does not cause system crash.

DBAdmin: Hatching 36412
Hatching Templates exist in DBadmin.

Job Properties: Hatching Patterns 36413
Hatching patterns removed from Job Properties and DBAdmin.

DBAdmin: Layout Sheet Templates 36414
Added Layout Sheet templates to DB Admin.

Incident Report: System Crash 36417
V3 Incident Report: Optiframe.Entity.AccessoryEntity.ResetDesignMaterialStatus (undo redo issue)

Save as New Job: OFS Extension 36418
Saves AS New Job Feature working correctly in 7.2.3 version with the .ofs extension.

MBA Integration: Job 36422
When creating a job from MBA, the layers scheme is used with the start of a job.

Options: Open Job 36423
Error does not occur when opening job with active option.

Elevation View: Edit 36432
User can edit a wall in elevation view in the non-current level.

Elevation View: System Crash 36451
System does not crash when viewing wall in elevation.

Labels: Mirror 36489
Labels go with the wall/planes when mirrored/moved.

Multi Family: Base Units 36499
Bundles are updating correctly in plan view when an Update Reference Units is done.

Wood Wall: Flip Edges 36539
When a flip edges is done on wood wall, the labels stay in place.

Dimensions: Mirror 36560
Dimensions in elevation view are correctly placed when mirroring, copy/pasting, etc.

Options: System Crash 36574
System does not crash when excluded option is deleted but the exclusion rule remains.

Output: Virtek/Omni 36614
Block members correct in Omni and Virtek output files.

Floors

Details: Create Key Ribbon 35475
With floor truss details, create key ribbon updates bottom chord truss detail.

Truss: Key Gap 36120
In a Floor truss, the key gap is respected.

Run to Line: System Crash 36129
System does not crash when running floor members to a line.

Group Labels: Generation 36203
Generate Group Labels removes individual labels for floor trusses.

Option: System Crash 36566
System crash does not occur when option activity is changed with copied roof joist blocking.

Roofs

Group Labels: Trusses 30421
Group labels from trusses does not default to 270 degree angle.

Libraries: System Crash 33333
System does not crash after associating a picture to a framing set or roofscape and then deleting the framing set or roofscape before closing the library to write out the changes.

Bearings: Cal Hip Jack 34923
Bearing created for Cal-Hip Jack in all instances.

Fill Gaps: Fill Area 35055
Fill gaps command does not fill same area twice.

Framing Sets: Expression Builder 35250
Functions in the expression builder fully implemented.

Flip Plane Tag: System Crash 35627
Flip plane tag that has fascia does not crash system.

Truss: Labels 35657
Truss has knowledge of labels.

Defining Edge: Fascia 35761
Fascia generated for planes that have defining edge set to NO.

Roofscapes: Stacked Rafter 35894
Rafter type is not displaying Stacked Rafter option

64bit: Attic Truss Type 35927
Attic Truss / Truss Type trusses get recognized as attics as expected.

64 bit: System Crash 36216
System does not crash when designing trusses.

Roofscapes: Creation 36225
System will allow truss creation via Roofscapes.
Bottom Chord: Bevel 36244
Bevel bottom chord functions properly.

Truss Details: Link 36398
Truss Details do not link to multi-ply ledger links to level bottom.

AutoFrame: Trusses 36415
In AutoFrame trusses fabricating properly.

Roofscapes: Trim 36424
Extensions trimming correctly.

Setdown: Interferences 36435
Setdown tool is not generating interferences.

Truss Profile: Invalid 36465
Invalid Truss Profiles are not created when selecting the Ceiling Cut line of a 90 degree plane.

Labels: Color 36551
Truss labels are retaining their status color.

Elevation View: Truss Materials 36667
Elevation view generate the correct material depth.

Piggyback Truss: System Crash 36756
System does not crash inputting piggy back truss selected if flat truss.

Load Transfer & Member Design

Structure Checks: Bearings 34948
Combined bearings work the same as any other single bearing for this truss profile verification.

64bit: Load Transfer 35177
With 64bit, load transfer works correctly.

Posts: Loading 35873
Posts in old jobs are loaded correctly.

Loading: Load Smoothing 36009
Load Smoothing works as expected.

ENG Batches: System Crash 36472
System does not crash when running multiple batches at a time in ENG.