



July 17, 2003

# Chief Architect 9.0 Update Notes

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## Chief Architect 9.03 Update Notes

1. A new feature was added to address the problems upgrade users were having with the wall editing tools that were related to the modify wall angles capabilities. A new Preference setting was added, called "Wall End Drawing Mode" on the General tab, which will allow users to control how wall editing will work. Upgrade users can now change this setting from the default of "Wall Angle Mode" (which is how the program currently works in V9) to the new setting called "Same Wall Type Mode" (which is more like how the program worked in V8 and prior). This will allow users to draw walls from the end of existing walls without modifying the wall angle. While in this mode, selecting the Same Wall Type edit toolbar button will allow the user to modify the wall angle. This preference setting is not documented in the Reference Manual or in the online Help System. Reference Number 13900.
2. Assertion Failure (RoadPolyline.cpp, Line 1471) when moving a road. Reference Number 14432.
3. Polyline Solid objects placed on second story wall will not display automatic dimensions when they are selected. Reference Number 14117.
4. Opening the Room Specification dialog crashes the program for a specific user plan. Reference Number 14169
5. Using the Edit Area Visible tool crashes the program for a specific user plan. Reference Number 14173.
6. Various problems when moving Polyline Solid objects that contain holes. Problems have been corrected but users may have to delete and recreate any previously created Polyline Solid objects with holes to get correct behavior. Reference Number 14177 and 14299.
7. Cannot select Text Objects created in Elevation views while in text mode. Reference Number 14325.
8. Screen refresh required when changing road width when roads intersect. Reference Number 14369.
9. Generating a ray-trace view of an interior with radiosity turned on will display wrong colors on light colored objects from other bright colored objects in view. Reference Number 14410.
10. Various problems with printing layouts coming out at wrong scale (too small). Several problems were identified and fixed which should solve any printing scale problems. Reference Number 10308.
11. Having too many lights with the auto-intensity turned off will result in surfaces disappearing in render views on some video cards. Reference Number 14280.
12. Callout or Marker character height changes to 0.05 when multiple objects are selected and opened for specification. Also, character height reads as "no change" even when all objects have the same character height. Reference Number 14360 and 14426.
13. Crash in 3D and Render views when large JPG file is used as backdrop. Reference Number 14391.
14. Cannot have more than one Hole in Roof object in a Roof Plane. Reference Number 13513.
15. Crash when building roofs for a specific user plan. Reference Number 14311.
16. Color checkbox in Layout Print dialog should override current value of Show Color toggle in layout so that user's can control color of printout. Reference Number 14323.
17. Cannot select a Text object if it is in a filled Polyline object in elevation views. You can now select the

- Text object while in text mode. Reference Number 13065.
18. Difficult to select wall height Dimensions or other Dimension Lines in Elevation views. Reference Number 13069 and 13389.
  19. Connecting a Road object to the side of another Road with a different width messes up the road curb line. Reference Number 13280.
  20. Material list changes every time you generate a material list for any library object that has had accessories attached to it using the Components dialog. Reference Number 13303.
  21. Crash when using the Print Model tool for a specific user plan. Reference Number 13626.
  22. Various problems with Polyline Solid objects if they contain arcs and they are moved or rotated. Reference Number 13704 and 13743.
  23. Various problems with incorrect Room Dimensions being displayed in plan views. Reference Number 13718.
  24. Assertion Failure (lists.cpp, line 1102) when generating a full overview for a specific user plan. Reference Number 13788.
  25. Crash when selecting multiple Polyline objects and using the Convert tool to convert them into Roof Hole objects. Reference Number 13800.
  26. Crash when trying to create Boxed Eaves for a specific user plan. Reference Number 13801.
  27. Crash when trying to use the Polyline Union or Polyline Intersection tool for a polyline and a spline. Reference Number 13804.
  28. Drawing a Manual Dimension Line always turns on the Manual Dimension Layer even when the default layer for Manual Dimension Lines has been changed to another CAD layer. Reference Number 13817.
  29. Manual Dimension Lines will locate Callouts or Markers even when they are not being displayed. Reference Number 13818.
  30. Various problems when trying to select objects and selecting Molding Polyline objects instead of desired object. Reference Number 13830.
  31. Crash when trying to create a 3D view of the foundation floor of a specific user plan. Reference Number 13851.
  32. The Replicate Object tool does not work with skylight objects or hole in roof objects. Reference Number 13948.
  33. The address of ART was changed in the About dialog box. BTW, if you didn't realize it, we moved. Reference Number 13972.
  34. Assertion Failure (lists.cpp, line 938) when checking the Move to Front option in the Driveway Defaults dialog box. Reference Number 13973.
  35. Name/Code value lost in Window Schedule when opening a V8 plan with a Window Schedule in V9. This has been fixed but there are two situations that can arise where the schedule in V9 will be different than in V8. 1) If the code in the components is different than the code in the specification dialog the code in the dialog will be used. 2) If there is no code specified, but one exists in the Master List, the one in the Master List may show up in V8 but not in V9 depending on the state of your Master List. Reference Number 14023.

36. Text in House Wizard drop down boxes is wrong for first item in list. Reference Number 14206.
37. Text on Export Entire Plan dialog says patterns and should not because patterns are no longer exported (not needed). Reference Number 14044.
38. Crash when generating a full overview for a specific user plan having a problem with stairs. Reference Number 14046.
39. Crash when deleting stairs in a specific user plan. Reference Number 14115.
40. Various problems with arcs in dialogs for metric version. Modified the radius edit box for the various dialogs affected. Reference Number 14124.
41. Copying or deleting Muller windows does not update the Window Schedule. Various other schedule update issues were corrected at this time. Reference Number 14130.
42. Crash when placing a pocket door that has been saved to the library. Reference Number 14134.
43. Problems with Muller Window casing floating outside of model for curved wall situations. Reference Number 14160.
44. Assertion Failure (walldlg.cpp, line 419) when selecting multiple foundation walls and using the "align with above" tool and re-opening the walls for specification. Reference Number 14259.
45. Reference Display and Swap Floors toolbar buttons are disabled while in CAD mode. Reference Number 14264.
46. Crash when taking a wall elevation for a specific user plan using custom newels. Reference Number 14285.
47. Cannot toggle Color On/Off in layout views. Reference Number 14315.
48. Assertion Failed (lists.cpp, line 1102) when unblocking Polyline Solids. The assertion has been corrected but blocking and unblocking Polyline Solid objects is not recommended due to other internal problems. Reference Number 14320.
49. Crash when editing a plan footprint and using the Reverse Plan tool while it is still selected. Reference Number 14332.
50. Crash when editing a Polyline Solid in a 3D view at the same time as another view. Reference Number 14372.
51. Crash when building a foundation for a specific user plan. Reference Number 14402.
52. Assertion Failure (roadpolyline.cpp, line 1425) when moving a road in a specific user plan. Reference Number 14434.
53. Strange text showing up on Window Schedule for a specific user plan. Reference Number 13011.
54. Placing electrical objects does not automatically update the electrical schedule. Reference Number 14207.
55. Muller windows mess up components when added to library. Reference Number 14273.
56. Cannot create a Furniture Schedule using only outdoor furniture objects. Reference Number 14331.

57. Problems moving a Polyline Solid in a plan view related to CAD stops move option. Reference Number 14371.
58. Shaped Window and Door labels do not come in correctly from a V8 plan opened in V9. Reference Number 14377.
59. Bay/Bow window Size/Dimension does not display in schedules when Use Single Label option is checked. Reference Number 14378.
60. Crash when adding a component window from a Bay window to the window library. Reference Number 14429.
61. Crash when using the multiple copy tool to copy a floor joist on the second floor. Reference Number 13154.
62. Problem with reopening a schedule and having the program recheck items that were previously turned off. Reference Number 13010.

### **Chief Architect 9.02 Update Notes**

1. File Menu or Plan Foot Print Menu is Greyed Out. Either of these menu items might greyed out at various times while running Chief due to opening a layout file. Reference Number 13352.
2. Preferences toolbar button is disabled after opening master list. Reference Number 13436.
3. Doing a "save" operation from any floor other than the first floor will give you a warning message asking you if you want to overwrite your existing plan thumbnail. Reference Number 13636.
4. Using the CAD Detail from View tool while on any floor other than the first floor will result in the detail not showing up in the list of CAD details for a plan. Program was saving the CAD detail with the wrong floor information so it would not show up in list of CAD details even though it was stored in plan. This fix will result in these missing CAD details showing up now in 9.02. Reference Number 13638.
5. Crash when closing a plan that has had sub-category information added to the schedules or schedule defaults. Plans will not crash due to this problem anymore and sub-categories may be added as desired. Reference Number 13574.
6. Possible fix for problem with layouts printing too small. This was a very hard bug to reproduce so we are not 100% sure that the fix we put in solves this problem in all cases. If you do find this problem is still occurring, please report this to ART tech support. Reference Number 10308.

### **Chief Architect 9.01 Update Notes**

1. Various issues regarding the Roof Cuts Wall at Bottom option in the wall dialog. In particular this was causing problems with dormer side walls and proper platform generation. Reference Number 12342.
2. Various issues regarding opening V8 or previous plans containing window or door schedules. This could also result in an assertion failure (edittext.cpp, line 5321) if an attempt was made to select the schedule in V9. Program should now be able to read V8 plans correctly and V9 plans that were saved with this problem should have their schedules corrected. Reference Number 12868.
3. Loss of material layers while using the Create Symbol Wizard. The symbol wizard was not detecting when a user clicked inside the dxfilepath field, but did not change the name. We would then behave as if the dxf was not loaded and we would not generate the material layers. Reference Number 13104.

4. 3D Preferences had Include tab enabled in render views. This would cause people to think that they could change the 3D display of objects by modifying these options instead of going into the 3D Display Options dialog. Reference Number 12258.
5. Error messages about missing pattern files when using the Export Entire Plan feature. Patterns are contained within plans so there is no reason to export pattern files when using this tool. The program was modified so that it will not export pattern files now. There were several related bugs where not all texture files would get exported in certain conditions that have also been fixed. Reference Number 12406.
6. Material List from room does not work. You will always get error message 29302 when attempting to calculate a material list for a specific room. This has been corrected. Reference Number 12429.
7. Crash generating a material list. Crash happened when assigning "use default" on door hardware and then generating a materials list. Crash is now prevented. Reference Number 12431.
8. Crash when attempting to play back a recorded walkthrough file. Crash has been fixed. Reference Number 12455.
9. Program is not finding files in the old-textures folder. Some texture and image files that were in V8 were renamed or discontinued and moved into the Old-Textures and Old-Images folder for opening older plans. The program now finds these files the way it is supposed to. Reference Number 1559.
10. Drawing a road polyline while a Full Overview is open will cause a crash. This problem is fixed. Reference Number 12572.
11. Export a plan as DXF and try to import into Autocad 2000 or 2002. The import will be abandoned due to errors. It appears that spaces are being placed before the layer name text for some of the layers, specifically, "Door Sizes" and "Room Standard Area". The spaces prior to the layer name are choking the ACAD import. Spaces that come before the layer name have been removed. Reference Number 12733.
12. Crash when undoing after various terrain modifications. In particular, this was a problem when trying to copy/move a terrain perimeter while the terrain perimeter is still selected.. This problem is fixed. Reference Number 12808 and 13034.
13. Crash when inserting a soffit stored into the library. Place a soffit in a plan. Highlight the soffit and add it to the library. Retrieve the soffit from the library browser and place it in a plan. The system will crash. This problem is fixed. Reference Number 13059.
14. Delays opening V8 plans and various error messages about missing textures. The program was searching for all texture files when any plan was opened. When textures were not found this search could cause the delay and result in the error messages. Search for texture files was moved to when the file was actually referenced, such as in a render view or when defining materials. This problem is fixed. Reference Number 13101.
15. Assertion Failure or crash when trying to convert old libraries into V9 format. Result is a corrupted library file that then causes an assertion any time it is read in V9 (libmgr.cpp, line 283). This problem is fixed. Old libraries can properly be converted by V9. If you still have a corrupted file on your system you will need to delete the file first and then reconvert the older library files. Reference Number 13145.
18. Crash when exporting a 3D model that contains one or more windows that have shutters. Crash was random and would not happen on every system all the time because of uninitialized data. This problem is fixed. Reference Number 13260.
19. Plan Previews are now created automatically when a plan is saved when no preview already exists.

Reference Number 12727.

20. Cabinet Doors are not holding default material. This problem is fixed. Reference Number 12763.
21. Assertion Failure opening plan files using file open but not when opening from layout (plan.cpp, line 2262). This problem is fixed. Reference Number 12807.
22. Ceiling mounted light fixtures can not be mounted under roof eaves because they drop to ground level. This problem is fixed. Reference Number 13226.
23. Choosing a Num Style for bearing messes up display of lat and long in the sun angle dialog. This problem is fixed. Reference Number 12811.
24. Crash building terrain with imported elevation data. This problem is fixed. Reference Number 12748.
25. Crash converting road with median to plain polyline. This problem is fixed. Reference Number 12606.
26. Cape Cod sample plan has electrical displayed on the plot plan. This problem is fixed. Reference Number 12509.
27. Assertion Failure when trying to block a roof plane with a CAD block (lists.cpp, line 937). This problem is fixed. Reference Number 12449.
28. Point-to-Point copy tool does not work. Place a CAD objects such as a polyline. Click on the copy toolbar button. Click on the point-to-point toolbar button. Program was placing copy when first point selected instead of after second. This problem is fixed. Reference Number 12395.
29. Vertical polyline solid placed on gable end is not selectable. This problem is fixed. Reference Number 12327.
30. Assertion Failure when closing a plan after deleting a polyline solid (lists.cpp, line 881). This problem is fixed. Reference Number 11305.