CSiXCAD v19.2.0 Release Notes

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Notice Date: 13-June-2022

This document lists changes made to CSiXCAD since v19.1.0, released 05-November-2021. Items marked with an asterisk (*) in the first column are more significant.

Detailing
Enhancements Implemented

*	Ticket	Description
	6698	An enhancement to the generation of concrete beam schedule has been implemented. The CSIX_CONCRETE_BEAM_SCHEDULE command has been split into two specializations, CSIX_CONCRETE_BEAM_SCHEDULE_SEISMIC and CSIX_CONCRETE_BEAM_SCHEDULE_NON_SEISMIC to emphasize the fact that seismic concrete beams and non-seismic concrete beams reinforcement patterns differ too much to be scheduled together. In addition, the Conc. Beam Schedules tab of the Project-Settings form now includes a default title for seismic concrete beam schedules, distinct from the default title. When the CSIX_CONCRETE_BEAM_SCHEDULE_SEISMIC command is selected, this new title is the default value of the Title field in the form that is displayed.
*	8428	CSiXCAD is now compatible with AutoCAD® 2023.
*	8460	CSiXCAD is now compatible with BricsCAD® v22.

Installation and Licensing
Enhancements Implemented

*	Ticket	Description
*	8420	The version number has been changed to v19.2.0 for a new intermediate release.

Detailing
Incidents Resolved

*	Ticket	Description
	8506	An incident was resolved where frame objects having steel-rod section properties in SAP2000 models were imported without any section property being assigned in CSiXCAD. When this occurred, the error was visually obvious, and a warning message alerting the user to the issue was displayed at the end of the import and in the import log file. After import, it was possible to assign a rod section to the imported frame objects using the CSiXCAD Change-Design command. This incident affected all versions of CSiXCAD capable of importing SAP2000 models. Frame objects with steel-rod section properties were imported correctly from ETABS models.
	8539	An incident affecting the typical details for concrete beam schedules has been resolved. The two typical details drawn for non-seismic concrete beam schedules incorrectly showed a heavy concentration of stirrups in the middle, identical to the stirrups in the lap zone of the seismic typical concrete beam detail. Also, these details called out L1 and L2 rebar lengths, which were not scheduled, instead of minimum rebar lengths expressed as a fraction of the beam span. These issues affected all versions of CSiXCAD and were visually obvious.

External Import and Export
Incidents Resolved

*	Ticket	Description
	7675	An incident was resolved where importing an ETABS model featuring more than 500 different concrete-beam reinforcement elevations would initially select the first 500 elevations for drawing creation and then disable the Draw Concrete Beam Reinforcement Elevations checkbox on the Beam Reinf. Elevs tab of the Import ETABS Model form. Elevations could still be selected on an individual basis, or on a story-by-story basis using the other controls on the form tab. Now when an ETABS model featuring a very large number of different concrete beam reinforcement elevations is imported, the first 1200 elevations (instead of 500) are now initially selected for drawing creation, and a warning that additional elevations must be explicitly selected is now displayed in a pop-up message box. The Draw Concrete Beam Reinforcement Elevations checkbox is now available, although checking it only selects the first 1200 elevations, with the same warning to the user that additional elevations must be explicitly selected.
*	8355	An incident was resolved where attempting to import certain SAP2000 models caused AutoCAD, BricsCAD, or ZWCAD to terminate unexpectedly. When this occurred, de-selecting all the elevations in the Import Model from SAP2000 form would allow the import to proceed. This issue affected CSiXCAD Version 19.1.0 only.
	8366	An incident affecting the import of models from SAP2000 and ETABS was resolved. Line-object End-J joint offsets were replaced by End-I joint offsets during import. This incident affected CSiXCAD 19.1.0 only. Line-object End-I and End-J joint offsets are now both correctly imported.
	8367	An incident affecting the import of models from SAP200 and ETABS was resolved. The end joint offsets of concrete cantilever beams were not imported at either end. This affected all versions of CSiXCAD. The end joint offsets of concrete cantilever beams are now imported.
	8507	An incident was resolved where frame members in SAP2000 models whose design procedure had been overwritten to consider a specific material were not imported into CSiXCAD. When this occurred, the error was visually obvious. Resetting the Frame Design Procedure of the affected frame objects to either "Default from Material" or to "None" allowed them to be imported again. This issue affected all versions of CSiXCAD capable of importing SAP2000 models. ETABS models were not affected.