

ETABS® 2016 (Version 16.2.1) Release Notes

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Notice Date: 2018-01-10

This file lists all changes made to ETABS since the previous version. **Most changes do not affect most users.** Incidents marked with an asterisk (*) in the first column of the tables below are more significant.

Changes from v16.2.0 (Released 2017-06-21)

Frame Design

Enhancements Implemented

*	Incident	Description
	206889	An enhancement has been made to add a user controlled option to use recommendations in ICC AC 429/ICC ESR 2017 for ASTM A1035 Grade 100 rebar for flexural design of columns and piers when using the ACI 318-14 design code for seismic design category (SDC) A and B. The Fy limit for all other design conditions will still follow the ACI 318-14 code limitations. The default is set to not use this option so as not to affect any existing results.

Miscellaneous

Enhancements Implemented

*	Incident	Description
	207910	The version number has been changed to v16.2.1 for a new minor release.

Frame Design *Incidents Resolved*

*	Incident	Description
	95112	An incident for resolved for beams designed as Intermediate Moment Frame (IMF) based on the ACI 318-14, ACI 318-11 and ACI 318-08 design codes where an explicit warning message was not shown in the design report when a beam failed in shear. The design results were not affected and the failure of a beam was evident in the design report as $\phi \cdot V_{max}$ was smaller than the shear stress.

Shear Wall Design *Incidents Resolved*

*	Incident	Description
	201025	An incident was resolved for ACI 318-14, ACI 318-11 and ACI 318-08 design codes where the wall design report was showing a message "Error occurred during showing of information" when multi-leg piers were present in the model. This issue only affected v16.2.0.

Results Display and Output *Incidents Resolved*

*	Incident	Description
	208249	An incident was resolved for the Chinese concrete frame design code where the design report was incorrectly reporting the "Length lc", "M1" in the minor direction and "Fac eta_ns" in major and minor directions. This was only a reporting issue and design results were not affected.