



# RCDC FE V3.0.0

## Release Notes

**RCDC FE V3.0.0** is here with new features enhancing the design and UI. The newly introduced features are:

No	Module	Description
1	General	Ductile detailing of Flat slab as per ACI 318M-2011
2	General	Auto identifying spans for calculation of Long Term deflection for Flat plate.
3	General	Staad vertical plate reading
4	General	Reinforcement Mesh coverage
5	General	RCDC FE - CONNECT Edition
6	General	RCDC FE CONNECT Licensing Introduced
7	General	UI and other Enhancements
8	General	Solved Defects



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## General Ductile design and detailing of Flat slab as per ACI 318M-2011

Ductile design and detailing of Flat Slab as per ACI318M-2011 is added.

## General Auto identifying spans for calculation of Long Term deflection for Flat plate.

Automatically identifying the spans (Lx and Ly) required in calculation Long Term Deflection of Flat Plate (i.e. Stadd slab models or Safe slab models without pre-defined column strips)

## General Staad vertical plate reading

Reading vertical plates model in Staad and display as Wall in RCDC FE and performing punching shear check for same if applicable.

## General Reinforcement Mesh coverage

New form for reinforcement mesh coverage is added. In which target and actual mesh coverage information is available along with Mesh reinforcement and steel quantity.

## General RCDC FE- CONNECT Edition

RCDC FE is compatible to CONNECT edition.

RCDC FE is upgraded to connect edition which includes following,

- Connection Client
- Connect Advisor
- Connect Project
- License Configuration



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## General RCDC FE CONNECT Licensing

RCDC FE is compatible to CONNECT licensing so that the usage of this software can be easily tracked.

## General UI Enhancements

Following UI and General enhancements added in RCDC FE,

- Allowing to edit wall size modelled as a single element.
- UI enhancement in Long term deflection form.
- Allowing multiple selection of region and applying different setting (slab top, region detailing etc.).

## General Defects

- Support ID – 2791  
Performance issue resolved for reading of large models.
- Support ID – 2850  
Staad model reading scenario enhanced.
- Support ID – 2913  
In odd shape ('C', 'L' or 'T') foundation reinforcement rebar location issue resolved.