

CivilFEM Class3 Error report

ERROR Number: 2018006

BUG Number: D-03432


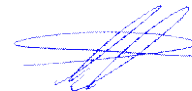
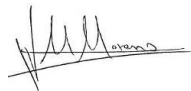
First incorrect version: 11.0

Corrected in: 19.2

Description of Error: S.L.S Cracking. EC-02 for shells. There are an error when calculate A_{ceff} (the effective area of concrete in tension surrounding the reinforcement or prestressing tendons of depth), h_{cef} , where h_{cef} is the lesser of these expressions: $2,5(h-d)$, $(h-x)/3$ or $h/2$.

Suggested User Action For Running on Uncorrected Version: N/A.

Comments: CivilFEM calculates h_{cef} as the lesser of $2,5(h-d)$ or $h/2$. So when the neutral axis has to be taken into account h_{cef} is wrong calculated.

22/11/2018	22/11/2018
 X _____	 X _____
Corrected by Firmado por: Javier Carro	Reviewed by Firmado por: Alberto Mota
12/12/2018	
 X _____	
Approval Firmado por: José M. Moreno	