



USER MANUAL

PLPak Version 1.01

**STRUCTURAL ANALYSIS SOFTWARE USING BOUNDARY
ELEMENTS METHOD**

PLPAK basic tutorials

Tutorial 20 – PLPost beam results

CONTACT DETAILS:

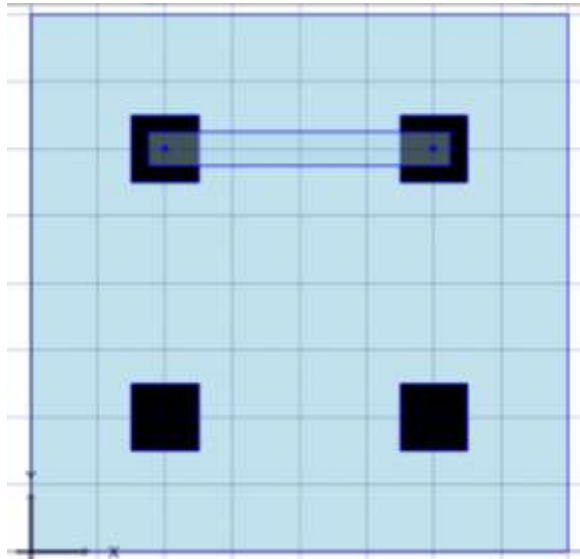
www.be4e.com

support@be4e.com

Tutorial 20

The objective of this tutorial is to show beam results in PLPost

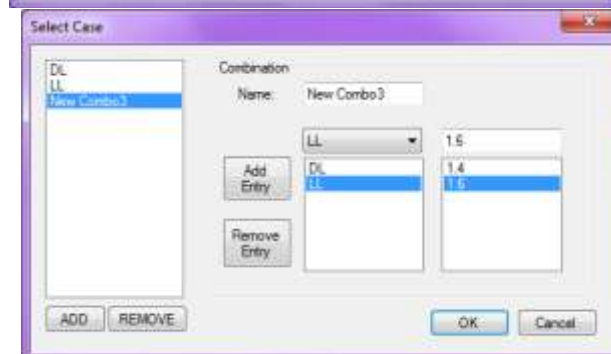
I – In PLGen, draw a square slab with four columns and a beam.



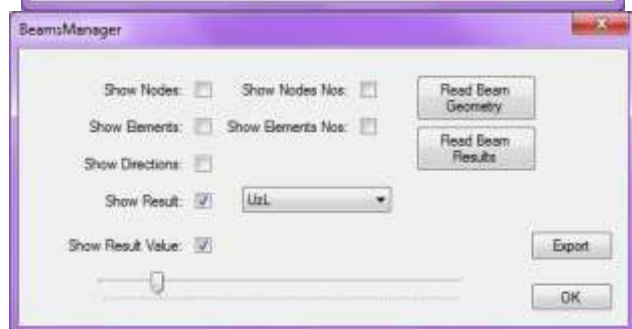
II - Open load cases. Edit the current one and name it DL then create a new one and name it LL.



III – Click Run and then open the model in the PLPost. Right click to open select case and create a new combination. Give DL a multiplier of 1.4 and LL a multiplier of 1.6. Click OK to close the assembly dialogue box.



IV – Click on Beams to open the Beams Manager. Click Read Beam Geometry then on Read Beam Results. Then enable show results and then show result value and choose local deflection rotation, close the beam manager.



V – The shown plot appears. Bear in mind that the beam results can be exported through the use of the Export function in the Beams Manager.

