Case study	
Design and performance of two block-faced geogrid walls	
Allen, T.M. and Bathurst, R.J. 2014. Performance of a 11 m high block-faced geogrid wall designed using the K-stiffness Method, <i>Canadian Geotechnical Journal</i> 51(1): 16-29 (2014 BEST PAPER Award)	
Allen, T.M. and Bathurst, R.J. 2014. Design and performance of a 6.3 m high block-faced geogrid wall designed using the K-stiffness Method, ASCE <i>J Geotechnical and Geoenvironmental Engineering</i> 142(2): 12 p.	
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Maximum reinforcement loads apply to operational conditions only

Calibration based on simple geometries, small uniform surcharges, competent foundations and quality reinforced backfill soils

Has not been calibrated for the case of a footing located on top of an MSE wall

Does not consider compound stability and other global stability limit states

Does not consider extreme loading events such as earthquake

Use "conventional" modified limit equilibrium slope stability methods for these conditions

r.j. bathurst





















