400 x 400 mm

Code: ACI 318-02

Units: Metric

Run axis: Biaxial
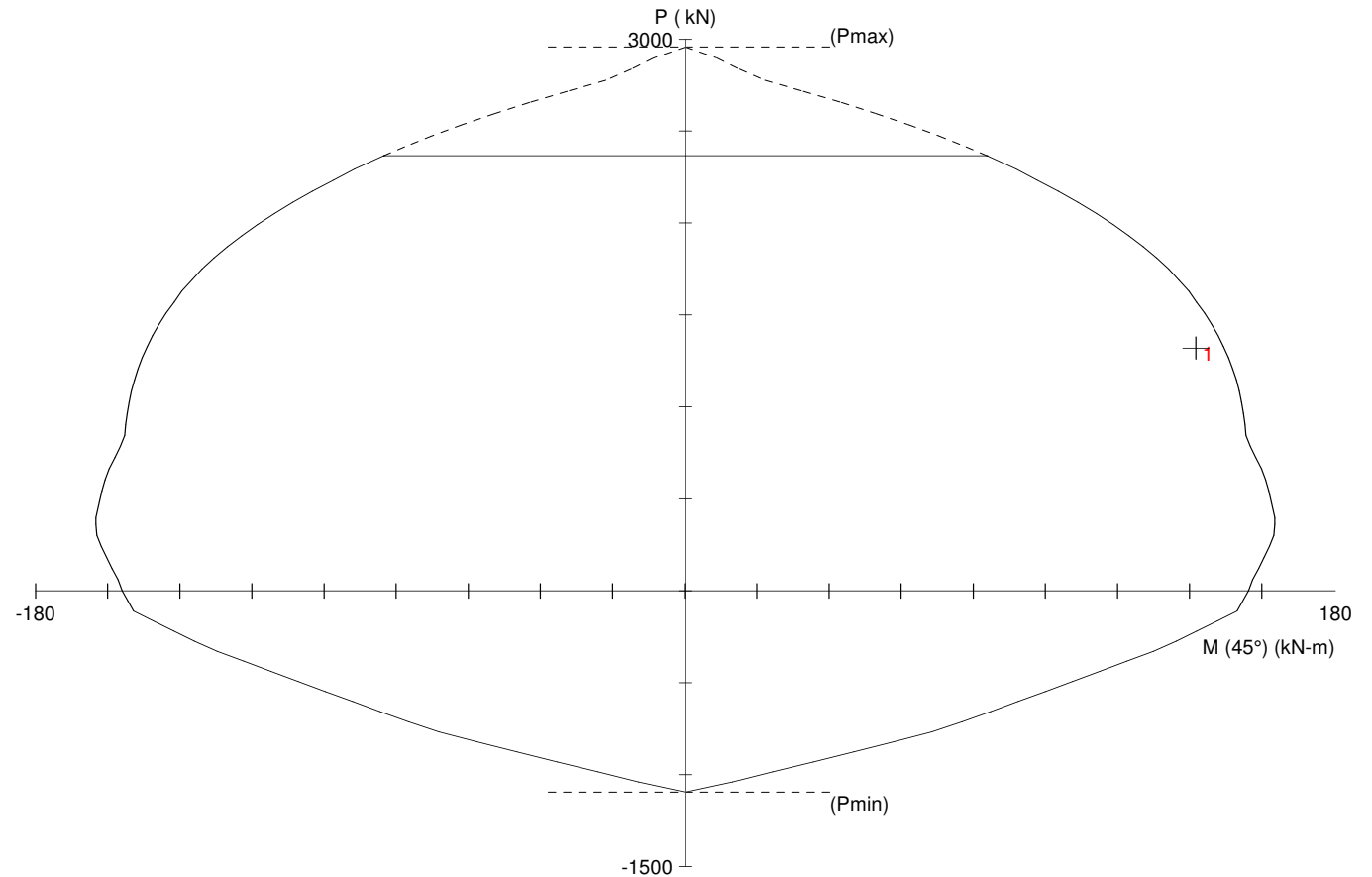
Run option: Investigation

Slenderness: Not considered

Column type: Structural

Bars: User-defined

Date: 10/30/15

Time: 16:38:12

pcaColumn v3.63 - Licensed to: Microsoft

File: untitled.col

Project: Cau A

Column: Coc tru   Engineer: Van

f'c = 25 MPa   fy = 400 MPa   Ag = 160000 mm^2   8 #22 bars

Ec = 23500 MPa   Es = 200000 MPa   As = 3040 mm^2   Rho = 1.90%

fc = 21.25 MPa   fc = 21.25 MPa   Xo = 0 mm   Iy = 2.13e+009 mm^4

e_u = 0.003 mm/mm   Yo = 0 mm   Iy = 2.13e+009 mm^4

Beta1 = 0.85   Clear spacing = 117 mm   Clear cover = 50 mm

Confinement: Tied   phi(a) = 0.8, phi(b) = 0.9, phi(c) = 0.65