

Ref: 10588A/JRCB

1st June 2022

MICHAEL BARCLAY PARTNERSHIP
Chronicle House
72-78 Fleet Street
London EC4Y 1HY

Dear Sirs

RE: 31 ELSWORTHY ROAD, PRIMROSE HILL, LONDON NW3 3BY

Context and brief







It is proposed to construct a new basement beneath this existing residential property, extending into the front and rear gardens. In connection with the works, Soil Consultants Ltd (SCL) undertook a Ground Movement Analysis (Ref: 10588A/JRCB/R2, 03/02/22) to support the planning application. Additional movement contours have been requested by Campbell Reith who act and the auditors for the London Borough of Camden. This note provides the contour output from the Oasys software XDISP.

SCL has prepared this document for the client, Elsworth Road (Investments) Ltd and any warranty shall be in accordance with our Standard Terms of Appointment (see GMA report). With respect to third parties, no other warranty, expressed or implied, is made as to the professional advice included, or any other services provided by us. This document may not be relied upon by any other party without the prior and express written agreement of SCL. Reference should also be made to the 'General information, limitations and exceptions' (see GMA report) which shall be deemed to apply to the 2006 data and any current advice.

Any conclusions or recommendations made are limited to those which can be reasonably based upon the research and/or intrusive investigation work carried out. Any comments which rely on third-party information which has been provided to us are made in good faith and on the assumption that such information is accurate. SCL have not carried out independent validation of any third-party information.

Movement contours

This note should be read in conjunction with the SCL Ground Movement Analysis report (referenced above) to provide context with respect to the proposed works and the effects on the adjacent properties Nos 29 and 33 Elsworth Road. The following contours have been provided (SEE Figs C1 to C6 appended):

- | | | |
|---|----------------------|-------------------------------------|
|  | Horizontal movements | - excavation/high stiffness support |
|  | Vertical movements | - excavation/high stiffness support |
|  | Horizontal movements | - excavation/high stiffness support |
|  | Vertical movements | - excavation/high stiffness support |
|  | Horizontal movements | - underpin installation |
|  | Vertical movements | - underpin installation |

Conclusions/observations

The contour plots agree well with the original GMA output. It is noted that the contours of predicted movement due to installation are less than the those in our GMA as we took a more conservative approach in the original analysis. We consider that the damage category predictions should remain unchanged.

We trust that the above comments are of assistance.

Yours faithfully

For Soil Consultants Ltd



John Bartley

Encls: Figures C1 to C6

C760 contours (XDISP) – High stiffness, horizontal movement (excavation)

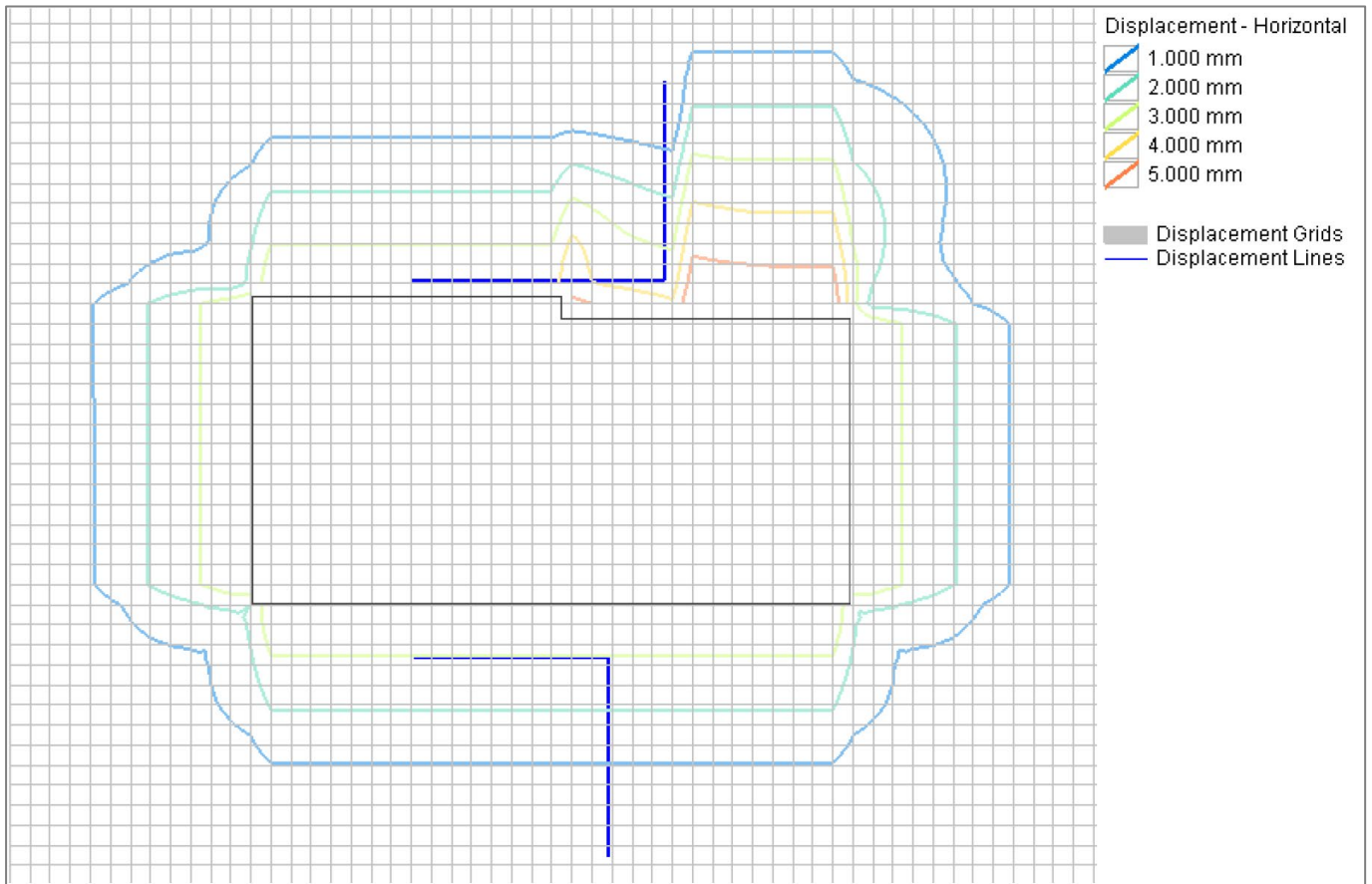


FIGURE C1

C760 contours (XDISP) – High stiffness, vertical movement (excavation)

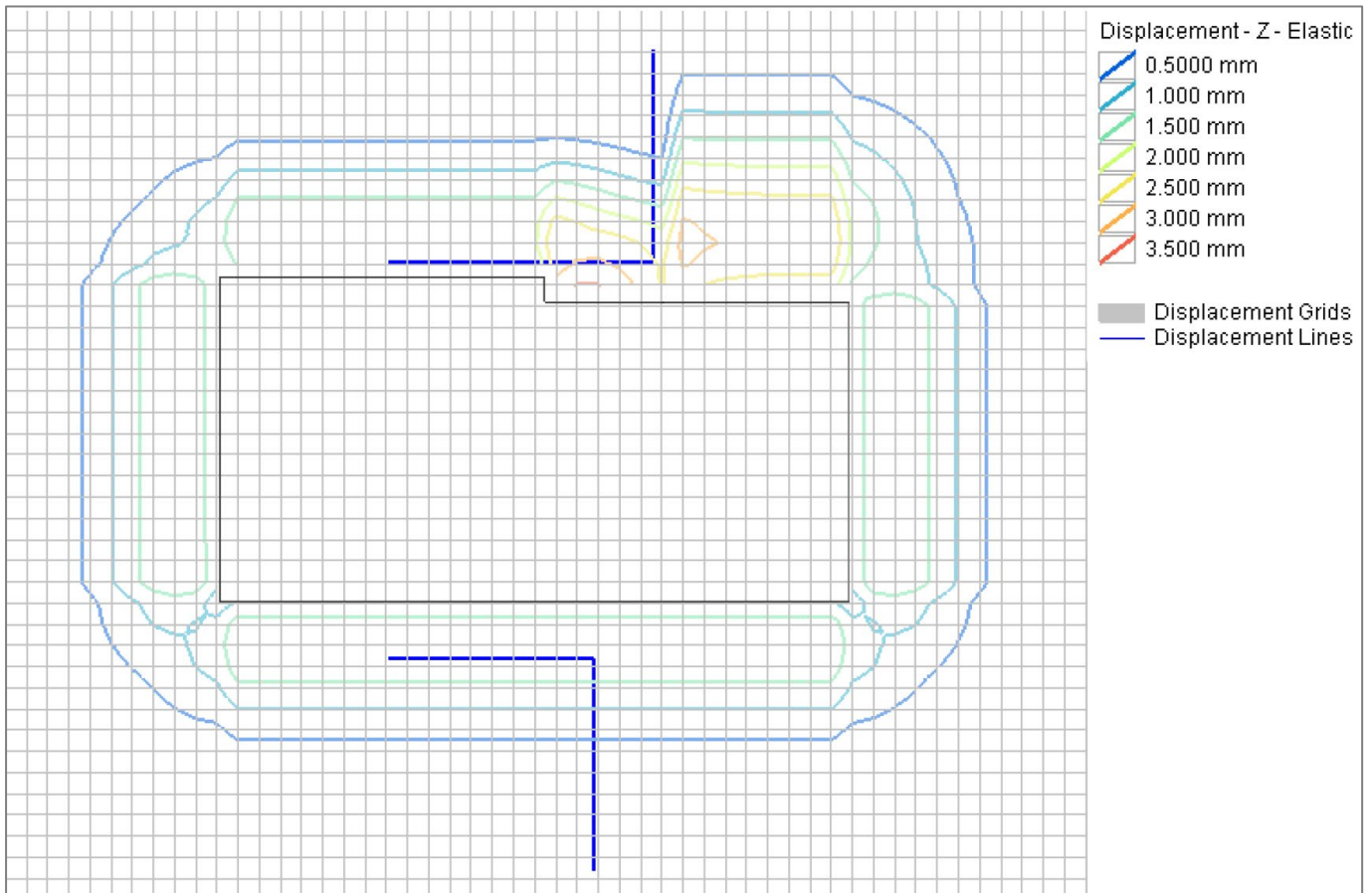


FIGURE C2

C760 contours (XDISP) – Intermediate stiffness, horizontal movement (excavation)

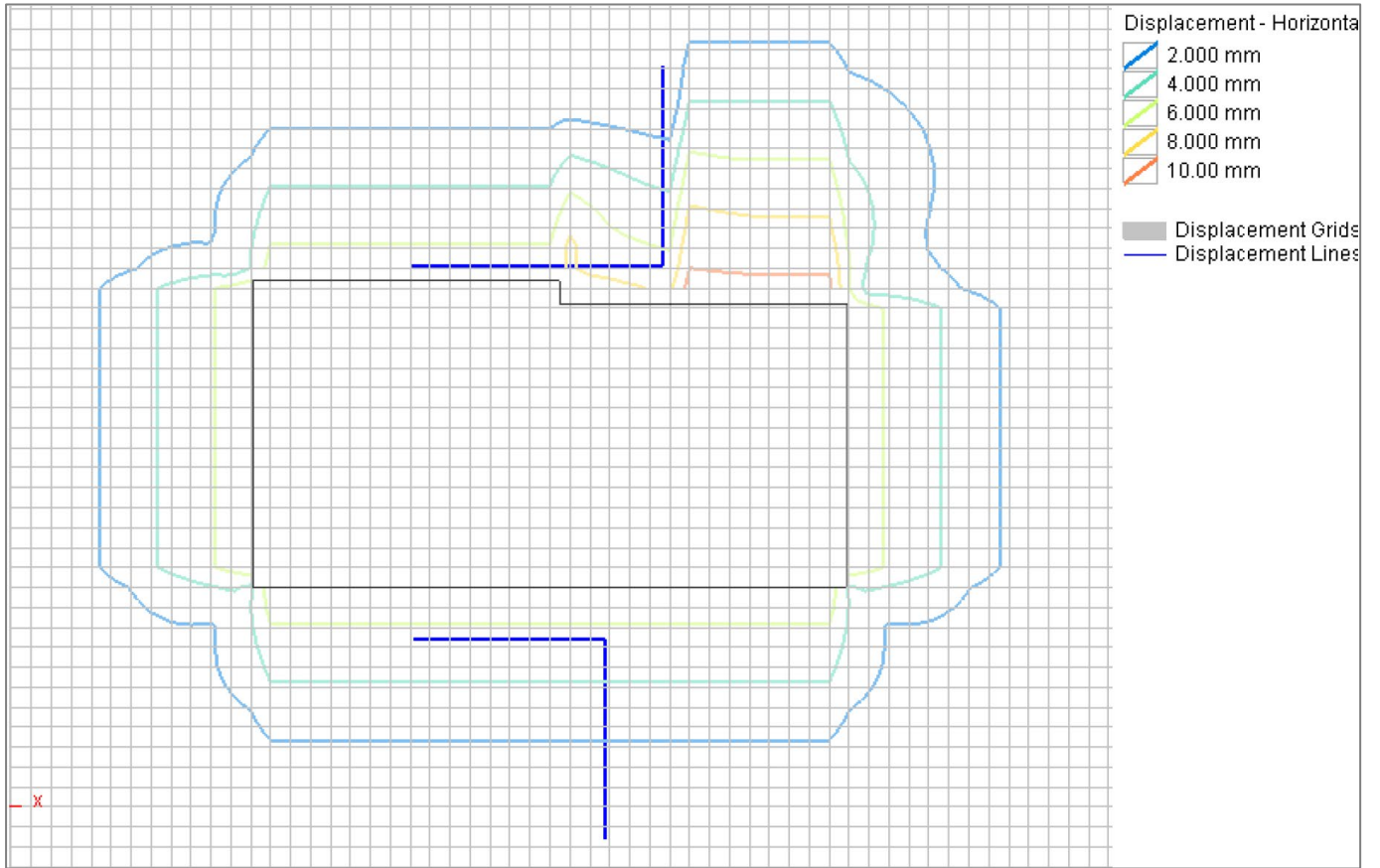


FIGURE C3

C760 contours (XDISP) – Intermediate stiffness, vertical movement (excavation)

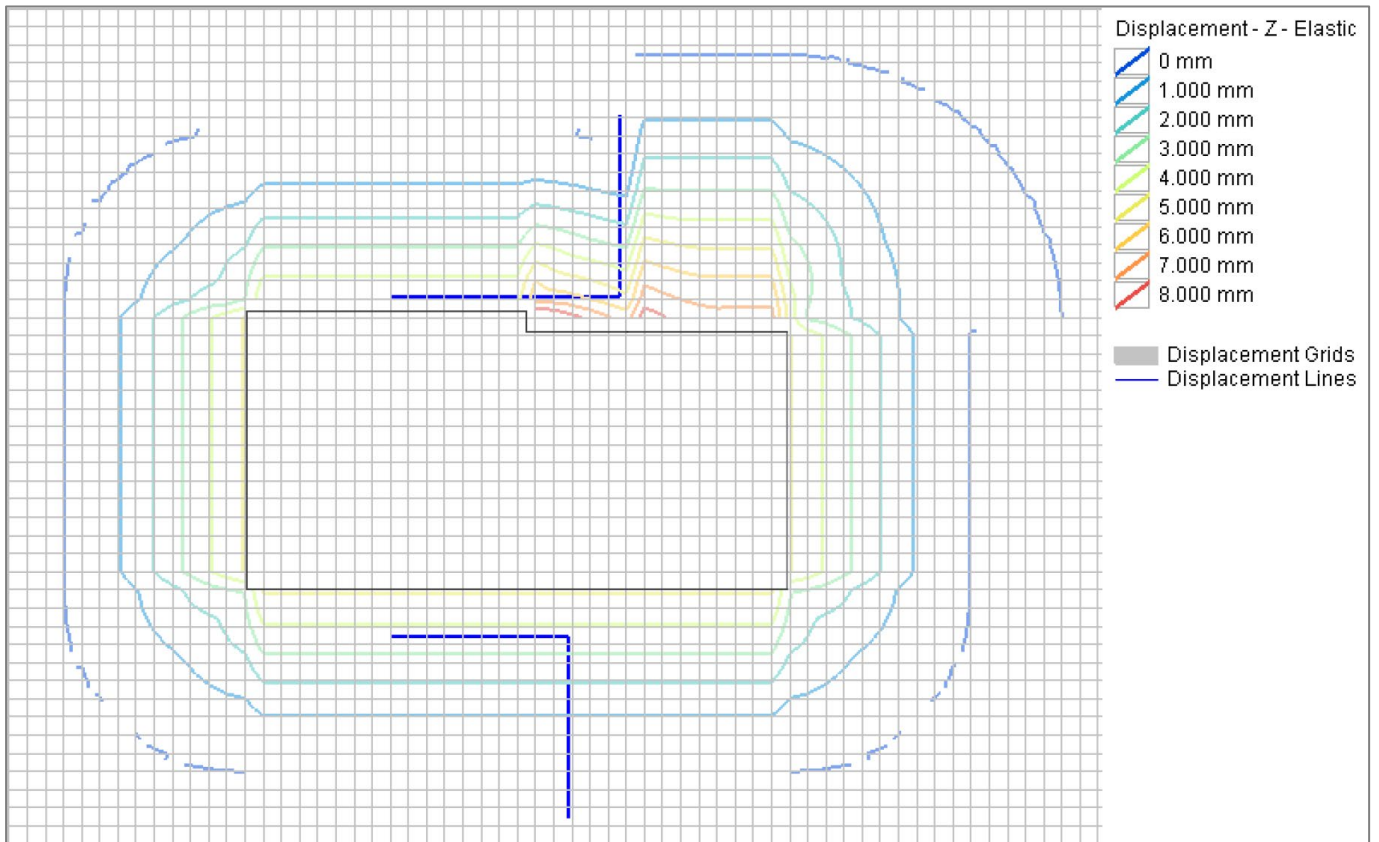


FIGURE C4

C760 contours (XDISP) – Underpin installation horizontal movement

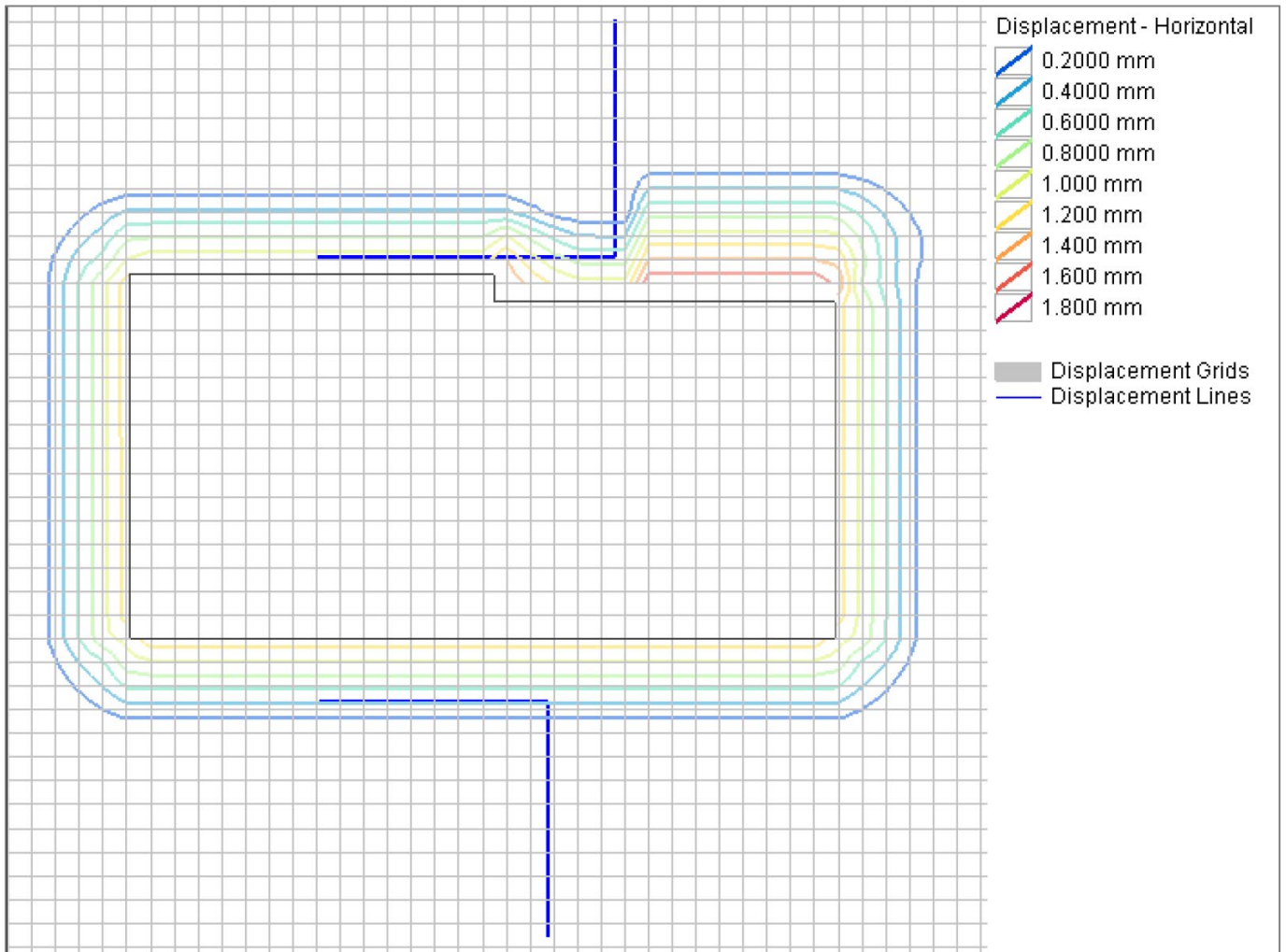


FIGURE C5

C760 contours (XDISP) – Underpin installation vertical movement

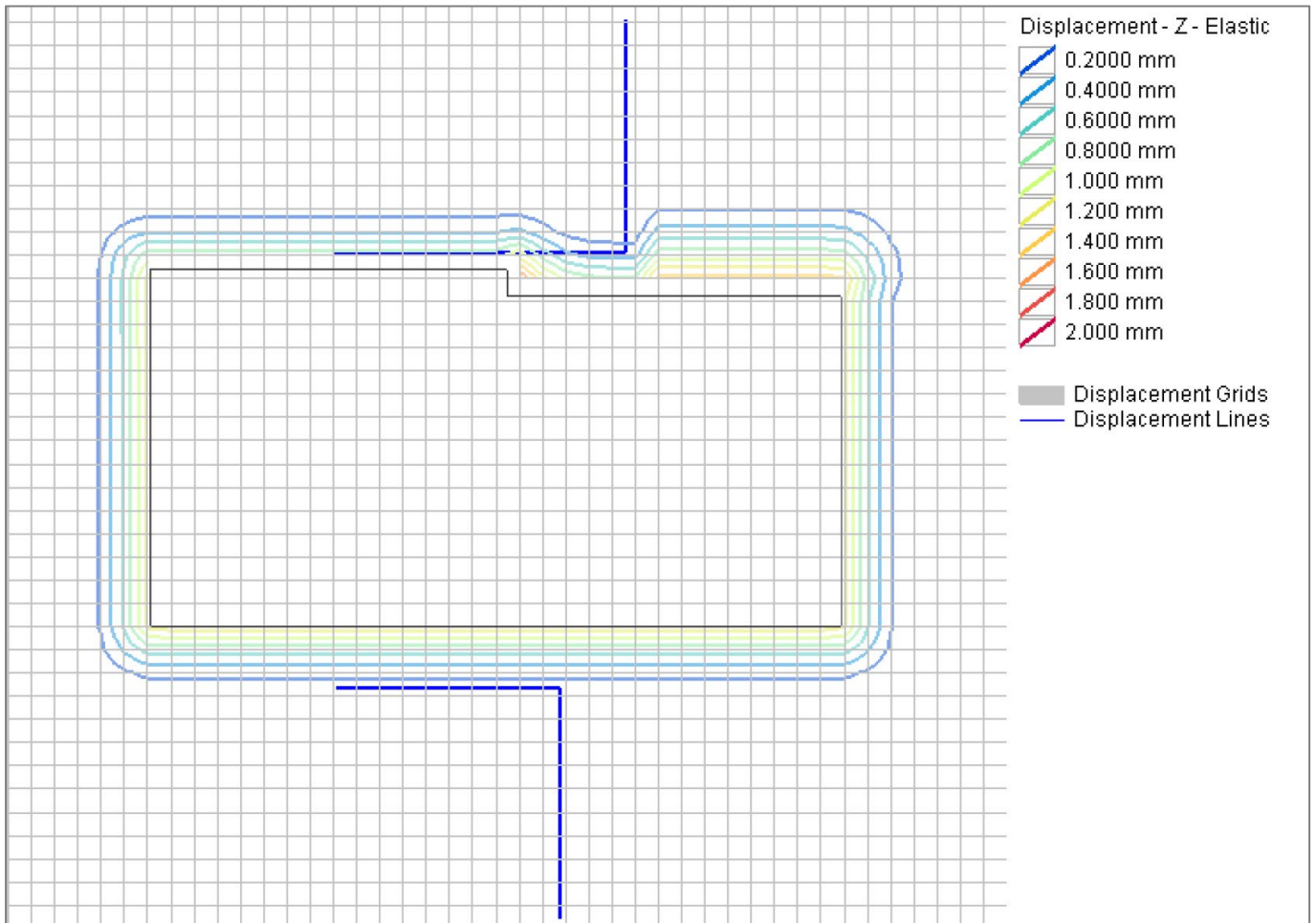


FIGURE C6