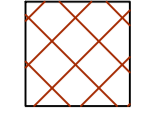


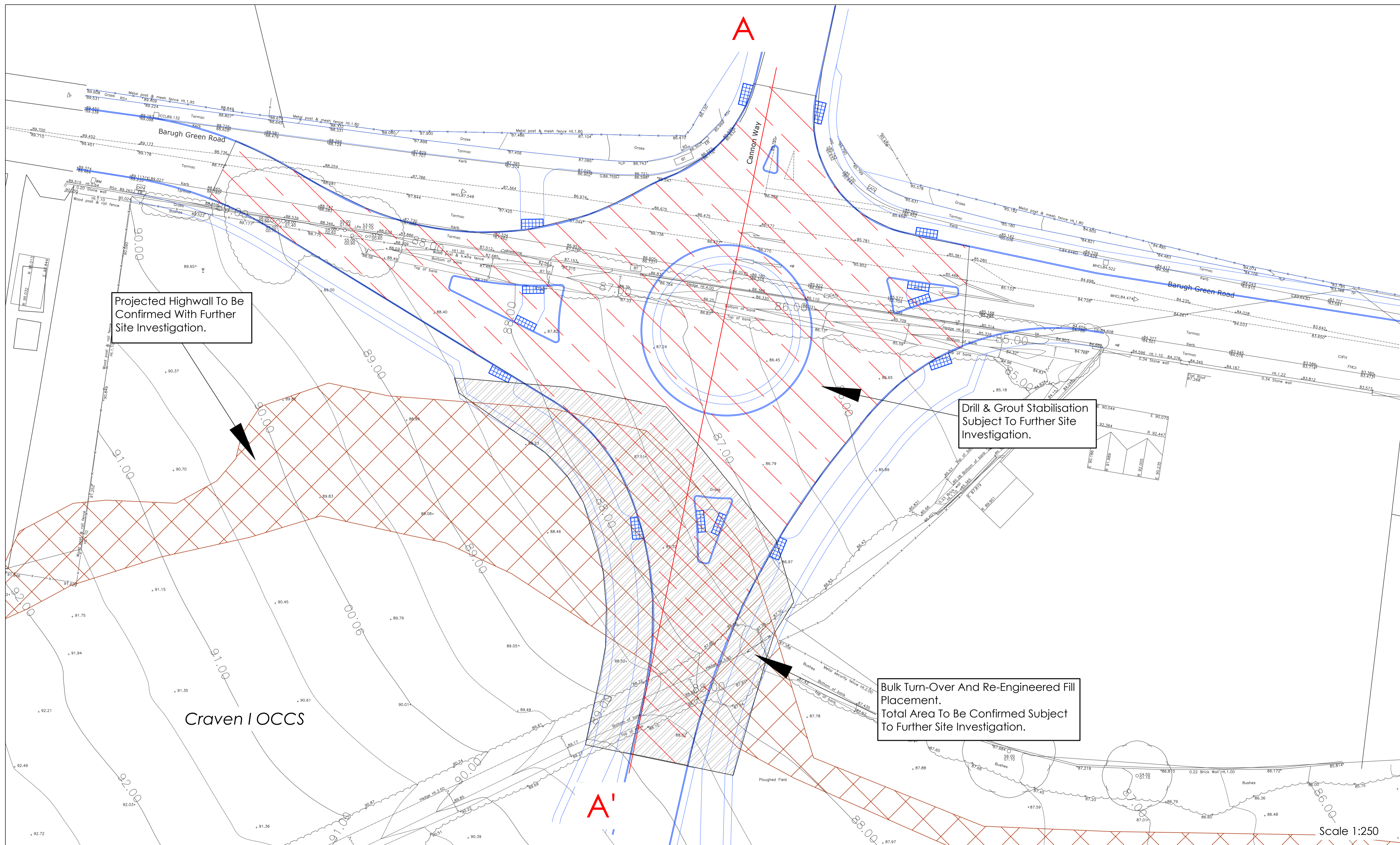


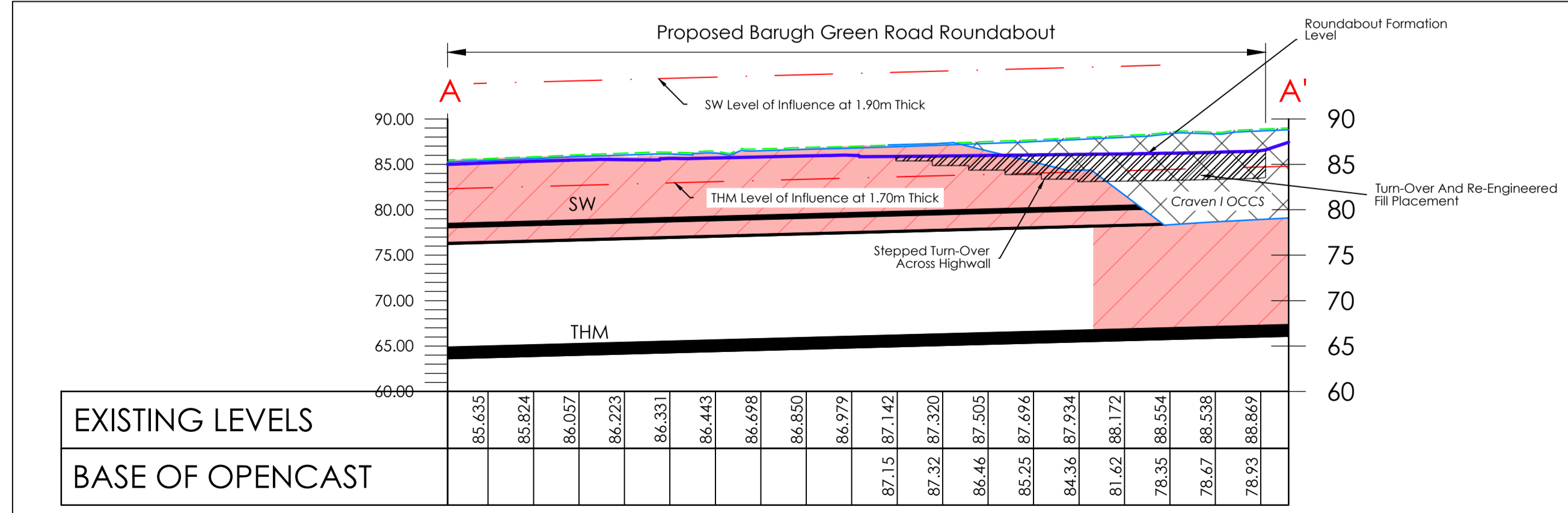
**DO NOT SCALE**

NOTES

-  Projected Highway.
-  Area Of Required Drill & Grout Stabilisation Subject To Site Investigation
-  Area Of Turn-Over & Placement Of Re-Engineered Fill Subject To Site Investigation



Scale 1:250



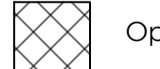

Coal Seam Influence Levels Have Been Indicated To Highlight Zones Within Settlement Risk As A Result Of Shallow Coal Mine Workings In Accordance With CIRIA, C758D - Abandoned Mine Workings Manual.

The Influence Levels Have Been Shown At x10 Worked Seam Thickness From The Top Of The Coal Seam, Using The Maximum Recorded Coal Seam Thickness.

The Maximum Recorded Coal Seam Thickness Has Been Established Using Recorded Information From The BGS 1:10,000 Geology Series, Sheet SE30NW (Barnsley); Opencast Abandonment Plans NE375 & NE498, And JPG 2019 Intrusive Site Investigation.

The Worked Coal Seam Thickness Used Are:

Swallow Wood Seam (SW): 1.90m  
 Top Haigh Moor Seam (THM): 1.70m

-  Opencast Backfill Material.
-  Area Of Potential Unrecorded Shallow Mine Workings Within Influential Depth.

Turn-Over And Re-Engineered Fill Shall Extend Not Less Than 3.00m Below Highway Formation Level.

Turn-Over To Be Stepped Across Location Of Highwall. Stepped Intervals Shall Extend 4.00m Horizontally And Shall Be At 0.5m Vertical Centers.

Total Extents Of Turn-Over Shall Be Confirmed By Further Site Investigation And Inspection Of Dig During Earthworks.

PO1	FIRST ISSUE.	06.12.19	OLT
REV	DESCRIPTION	DATE	BY

Project  
 BARNSELY WEST,  
 BARNSELY

Drawing Title  
 BARUGH GREEN ROAD  
 ROUNDABOUT  
 EARTHWORKS PREPARATION

**INFORMATION ISSUE**

Architect  
 BOND BRYON



JPG Project Ref	Scale at A1	Date	Checked	Drawn
4848	AS NOTED	DEC'19	CH	OLT