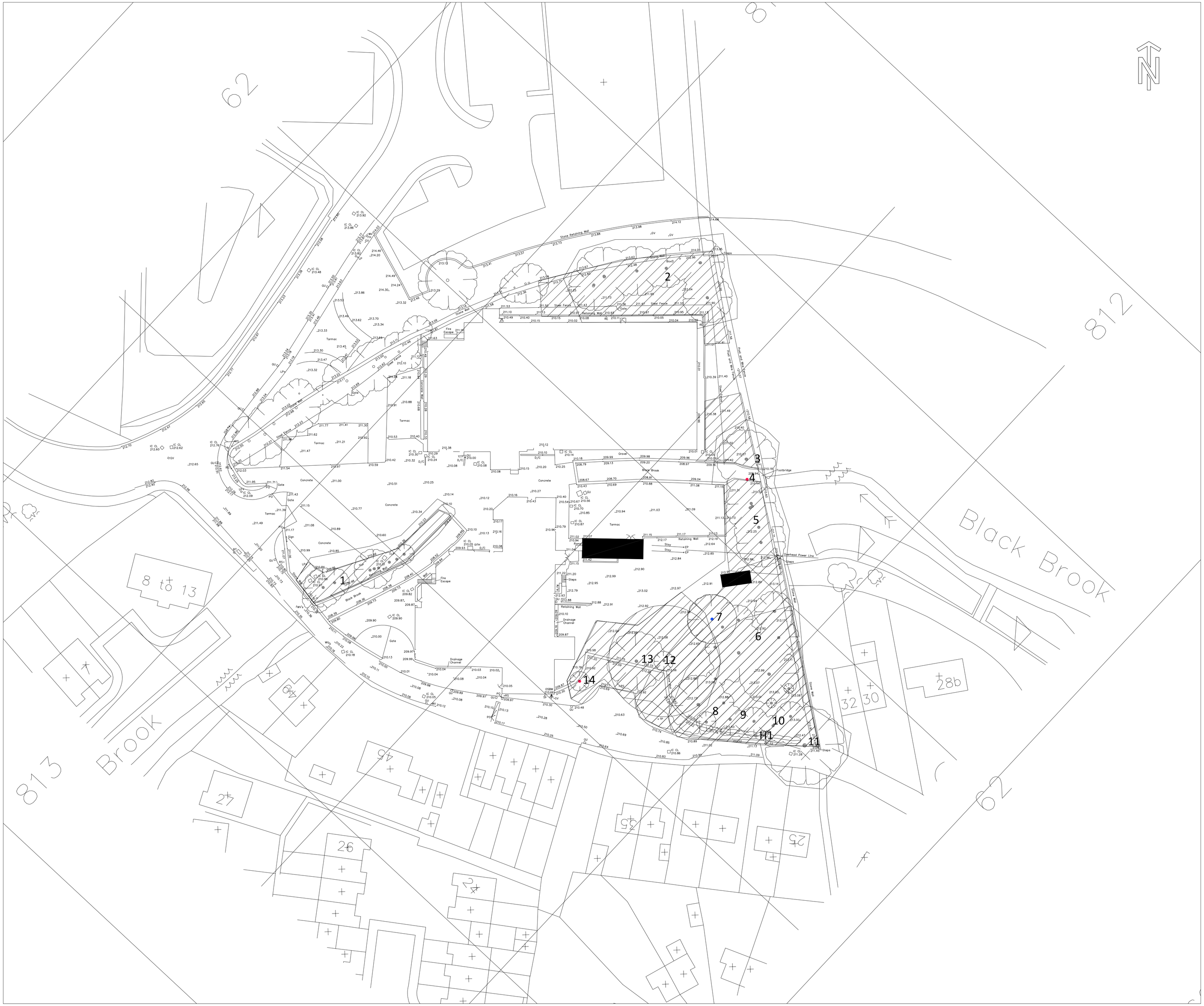


Tree Retention

This drawing is to be read in conjunction with all other relevant reports and drawings. Any discrepancies, errors or omissions to be brought to the attention of ACS Consulting.

Tree retention is colour coded to the following BS 5837:2005 colour codes.

BS 5837 Colour	Category
	Highly Desirable (A)
	Desirable (B)
	Optional (C)
	Fell/Loss to condition (R)

Root Protection Area (RPA)

The Root Protection Area is calculated as a multiple of the stem diameter measured at breast height subject to assessment by a suitably qualified arboriculutralist.

The RPA's are based on a multiplier (12) of the stem diameter usually measured at 1.5 metres from ground level, but where this is not possible, it is taken at a lower level and multiplied by a factor of 10. BS 5837 (5.2.3) sets out that the RPA may be represented as a square as well as a circle centred on the trunk. The square will be the same area as the circle but, unlike the circle, where the distance from the tree remains constant, the distance of the sides from the centre vary from a minimum that is less than the radius to a centre to corner distance that is greater than the radius.

The area is to remain intact with no development and/or storage.

Existing Trees - details in Appendix 1

Canopy adjusted trees - details in Appendix 1

Additional Trees Plotted by ACS Consulting - details in Appendix 1

Existing Woodland/ Groups of Trees - details in Appendix 1

Root Protection Area

45 Rule of Thumb - details in Report

Do Not Scale

No	INFORMATION	By	Date	CHKd

REVISIONS

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CLIENT: KELSA TRUCK PRODUCTS

LOCATION: CHAPEL-EN-LE-FRITH

DRAWING TITLE: ARBORICULTURAL CONSTRAINTS PLAN

Drawing Status: Planning Only

SCALE:	SHEET SIZE:	DRAWING No:	REV
1:200	A1	2407/01	
DRAWN BY: IRM	DATE: FEB 2011		