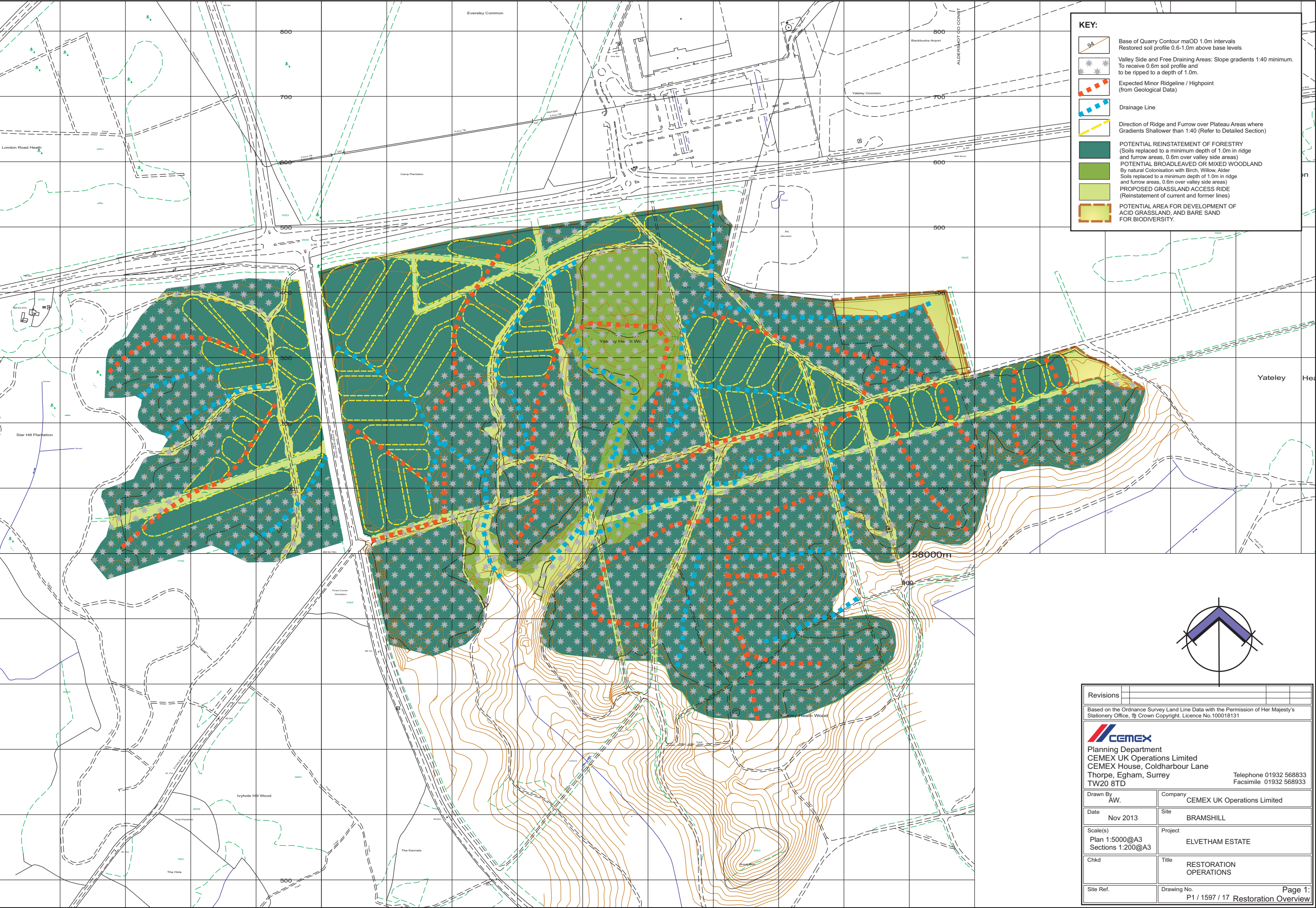
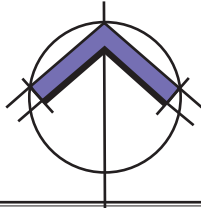




KEY:

- Base of Quarry Contour maOD 1.0m intervals
Restored soil profile 0.6-1.0m above base levels
- Valley Side and Free Draining Areas: Slope gradients 1:40 minimum.
To receive 0.6m soil profile and
to be ripped to a depth of 1.0m.
- Expected Minor Ridgeline / Highpoint
(from Geological Data)
- Drainage Line
- Direction of Ridge and Furrow over Plateau Areas where
Gradients Shallower than 1:40 (Refer to Detailed Section)
- POTENTIAL REINSTATEMENT OF FORESTRY**
(Soils replaced to a minimum depth of 1.0m in ridge
and furrow areas, 0.6m over valley side areas)
- POTENTIAL BROADLEAVED OR MIXED WOODLAND**
By natural Colonisation with Birch, Willow, Alder
Soils replaced to a minimum depth of 1.0m in ridge
and furrow areas, 0.6m over valley side areas)
- PROPOSED GRASSLAND ACCESS RIDE**
(Reinstatement of current and former lines)
- POTENTIAL AREA FOR DEVELOPMENT OF
ACID GRASSLAND, AND BARE SAND
FOR BIODIVERSITY.**



Revisions				
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Drawn By AW.	Company CEMEX UK Operations Limited			
Date Nov 2013	Site BRAMSHILL			
Scale(s) Plan 1:5000@A3 Sections 1:200@A3	Project ELVETHAM ESTATE			
Chkd	Title RESTORATION OPERATIONS			
Site Ref.	Drawing No. P1 / 1597 / 17 Restoration Overview			

TYPICAL DETAIL OF WORKING
SCALE 1:200

(A) Soil Stripping -
Soil placed to perimeter mounds or taken to
area of pre-ripped base of mineral

Where possible plant to work
on top of exposed mineral

(B) Mineral Extraction

(C) Ripping of Base of Mineral
with 3 tine ripper to depth of 0.6m

SOIL HORIZON

MINERAL HORIZON

BASAL SAND HORIZON

TYPICAL RESTORATION WORKS
SCALE 1:200

(D) Soil Placement - Windrows
Loose tipped from Dumper

Machinery to work on top
of exposed base of mineral
within proposed furrow area

(E) Soils Bladed over to final profile
with long reach excavator;
no tracking over proposed ridge zone

BASAL SAND HORIZON

TYPICAL DETAIL OF SOIL PROFILING TO CREATE RIDGE AND FURROW
SCALE 1:200

Average Soil Depth over 37.5m wide Ridge and Furrow = 0.84m

1:3
to profile
depth of 1.0m

1:1.5
to edge
up to profile
depth 0.6m

1:50
to maximum profile
depth of 1.25m
at centre of ridge

Furrow over
base of
mineral

Sectional Area for full 30m wide ridge = 31.5m²

BASAL SAND HORIZON

7.5m

30.0m

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