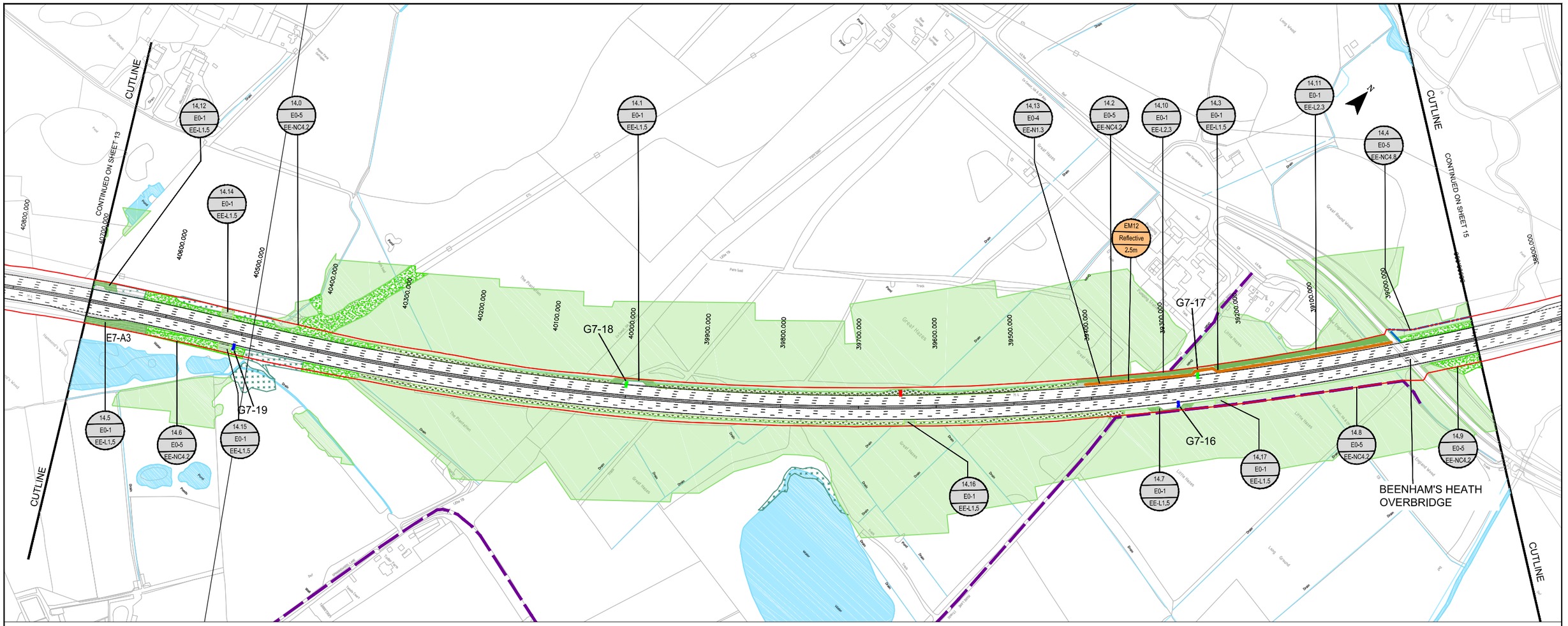

LEGEND

Existing Landscape Element

- Woodland
- Scrub
- Scattered Trees
- Hedges
- Open Grassland
- Watercourses and Waterbodies
- Ornamental Planting

Environmental Objectives

E0-1 - Landscape Integration
Integration of the highway with the surrounding landscape character.

E0-2 - Visual Screening
Mitigation against adverse visual impacts.

E0-3 - Visual Amenity
Maintain interest, variety and an acceptable visual appearance for both road users and adjacent public viewers.

E0-4 - Auditory Amenity
Reduce the adverse noise impact of highway traffic or construction on adjacent properties or publicly accessible areas.

E0-5 - Nature Conservation and Ecology
Protect, manage and enhance the nature conservation value of the highway, including adjacent habitats and protected species.

E0-6 - Enhancing the Built Environment
Enhancing the landscape and built elements of the highway to reflect the townscape or community through which the highway passes.

Environmental Elements - Landscape

- EE-L1.5 - Open Grassland
- EE-L2.2 - Individual Trees
- EE-L2.3 - Linear Belts of Trees and Shrubs
- EE-L2.5 - Scrub
- EE-L2.6 - Shrubs
- EE-L2,7 - Shrubs with Intermittent trees
- EE-L2.9 - Woodland
- EE-L2.10 - Woodland Edge
- EE-L6.3 - Strengthened Earthworks (As labelled)
  For standard earthworks see Application Document 2-6

Environmental Barriers
See Note 11

- Existing Environmental Barrier to be retained/replaced
- EE.N1.3 - Existing Environmental Barrier to be increased in height
- EE.N1.3 - New Environmental Barrier
- Environmental Barrier Reference **EM1**

Barrier Information

- Barrier Reference
- Barrier Type
- Barrier Height

EM1 / Reflective / 2.5m

Where a barrier is on a structure i.e. an overbridge, it will be 2.0m in height

Nature and Conservation Works

- EE-NC4.2 - Otter proof fencing

Structures

- Proposed Gantry
- Existing Gantry Retained
- Existing Gantry Removed
- Gantry Reference G9-19
- ERA Reference E5-B1

Information

- Location Reference
- Environmental Objective
- Environmental Element

Loc. Ref. / E0-2 / EE-L2,3

- Order limits

Planning Features

- Listed Building and ES Gazetteer reference (see Cultural Heritage App 7.1) 19
- Scheduled Monument (SM)
- Conservation Area
- Registered Park and Garden (RPG)
- Area of Outstanding Natural Beauty (AONB)
- Site of Special Scientific Interest (SSSI)
- Special Protection Area and Ramsar (SPA)
- Local Nature Reserve (LNR)
- Site of Local Importance
- Site of Borough Importance
- Site of Metropolitan Importance
- Biological Notification Site
- Existing Public Right of Way (PRoW)

NOTES

1. Landscape mitigation proposals are based on the preliminary design drawings in the Engineering Design Report and are located on land in permanent Highways England ownership. Landscape mitigation proposals are indicative and will be subject to finalisation in line with the design development of road alignment, earthworks, highways, structures and clearance requirements.
2. All existing vegetation identified within the Order limits shall be retained where reasonably practicable. Prior to any vegetation clearance all areas of existing vegetation are to be assessed by a qualified Landscape Architect and ecologist. Further landscape and/or ecological measures may apply.
3. The vegetation clearance for the layout of gantry bays (including gantry, cabinets and associated equipment) has been based on a typical length of 60m up to the Order limits, dependant on the existing landscape elements and objectives, to allow sufficient working area.
4. The layout of ERAs and associated vegetation clearance has been based on a typical length of 160m up to the Order limits, dependant on the existing landscape elements and objectives, to allow sufficient working area.
5. The locations of nature conservation fencing are indicative. The precise alignment of fencing is to be finalised on site.
6. Although the extents of the environmental barriers are fixed laterally, the location within the verge is subject to finalisation, in line with the design development of road alignment, earthworks, highways and structures.
7. Areas of existing woodland and scattered trees are indicative and show the extent of tree canopies.
8. The landscape mitigation proposals do not include mitigation surrounding proposed communications or drainage interventions. Areas affected by the construction and installation of these interventions are to be made good with Environmental Element EE-L1.5 Open Grassland.
9. Refer to Vegetation Clearance drawings 514451-MUH-ML-ZZ-DR-SC-301224 to 514451-MUH-ML-ZZ-DR-SC-301255 for indicative details of temporary and permanent vegetation clearance.
10. Refer to ES Volume 3, Appendix 8,4 - Schedule of Existing Vegetation to be Retained for information on existing vegetation to be retained within the Order limits.
11. Type of environmental barriers include reflective acoustic barriers and absorptive acoustic barriers as noted in the barrier information at the specific locations.

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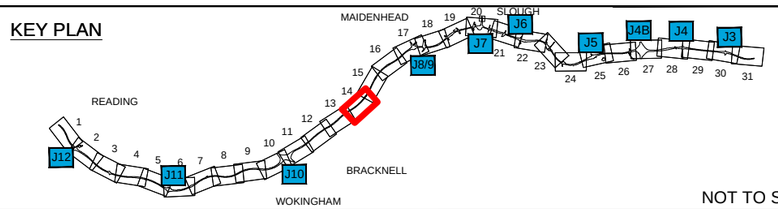
SCALE 1:2500

Rev #	Revision Date	Revision Details	Drawn	Check	Review	Appr'd
11F	29.02.2016	Issued for HE review	JN	RK	DH	DH
10F	17.02.2016	Issued for HE review	BP	RK	DH	DH
9F	05.02.2016	Issued for HE review	BP	RK	DH	DH
8F	02.02.2016	Issued for review	JN	RK	DH	DH
7F	20.03.2015	Submitted with DCO application.	TR	TR	BC	BC
6F	20.03.2015	Submitted with DCO application.	GW	GW	BC	EH
5F	-	Not used.	-	-	-	-
4F	08.03.2015	Updated in line with Alliance and HA comments.	JM	GW	BC	EH
3D	30.01.2015	Issued for HA review.	GW	GW	BC	EH
2D	14.01.2015	Issued for review	JM	GW	BC	EH
1D	14.11.2014	Env. elements areas amended and badger fencing added	CCx	BC	EH	EH
0D	14.11.2014	DRAFT	CCx	BC	EH	EH

KEY PLAN



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Alliance Document Reference	Rev	Scale at A1
514451-MUH-ML-ZZ-DR-EM-300748	11F	1:2500

Job Title: M4 JUNCTIONS 3 TO 12 SMART MOTORWAY

Drawing Title: ENVIRONMENTAL MASTERPLAN SHEET 14 OF 31 BEENHAM'S HEATH

Drawing Number: 514451-MUH-ML-ZZ-DR-EM-300748