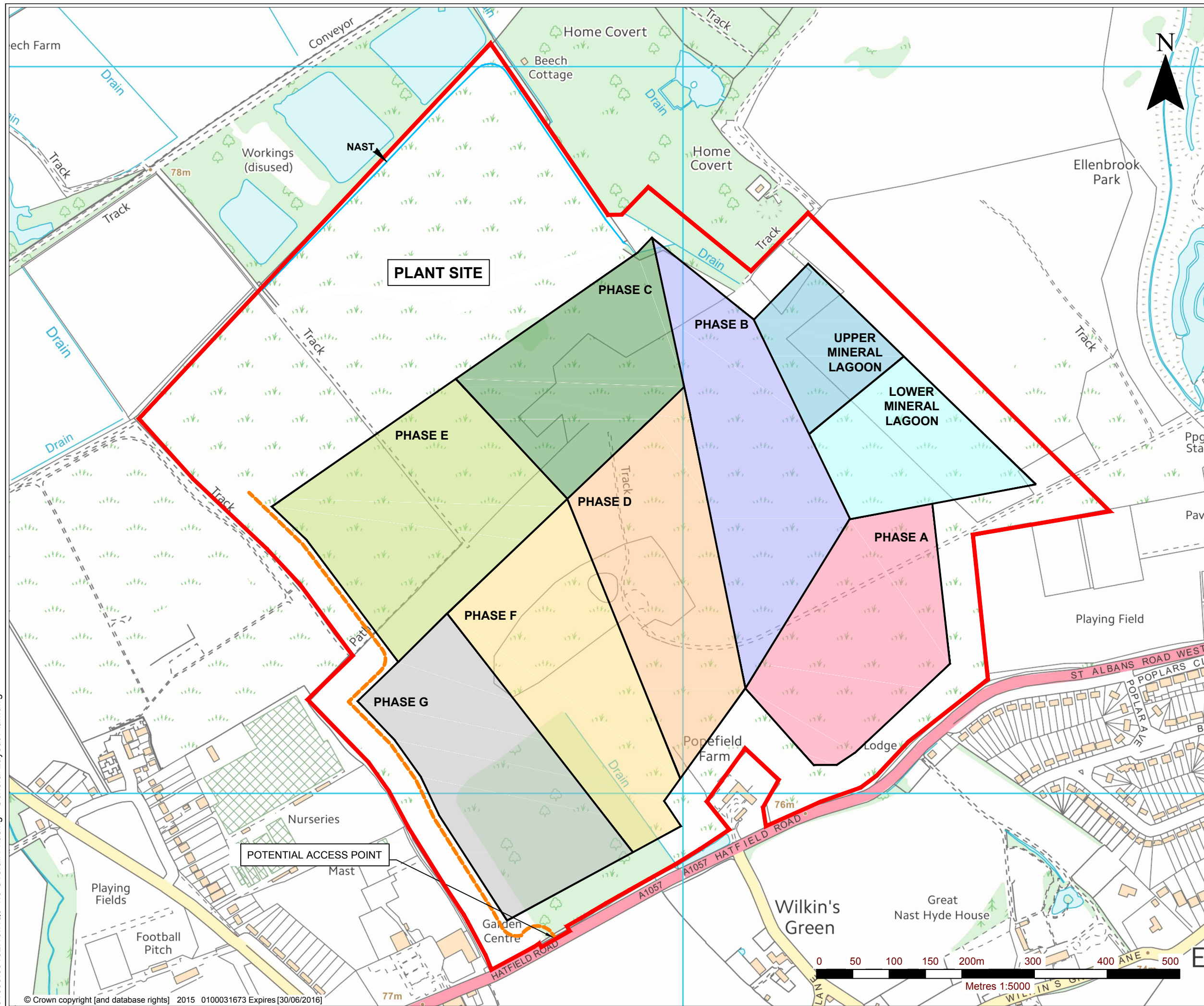


01009.00132.16.HQ3-1.0 Overall Phasing - General Layout Plan.dwg



LEGEND

	APPLICATION SITE BOUNDARY
	PHASE BOUNDARY
	ACCESS ROAD

PHASES

	PHASE A
	PHASE B
	PHASE C
	PHASE D
	PHASE E
	PHASE F
	PHASE G
	PHASE UPPER MINERAL LAGOON
	PHASE LOWER MINERAL LAGOON

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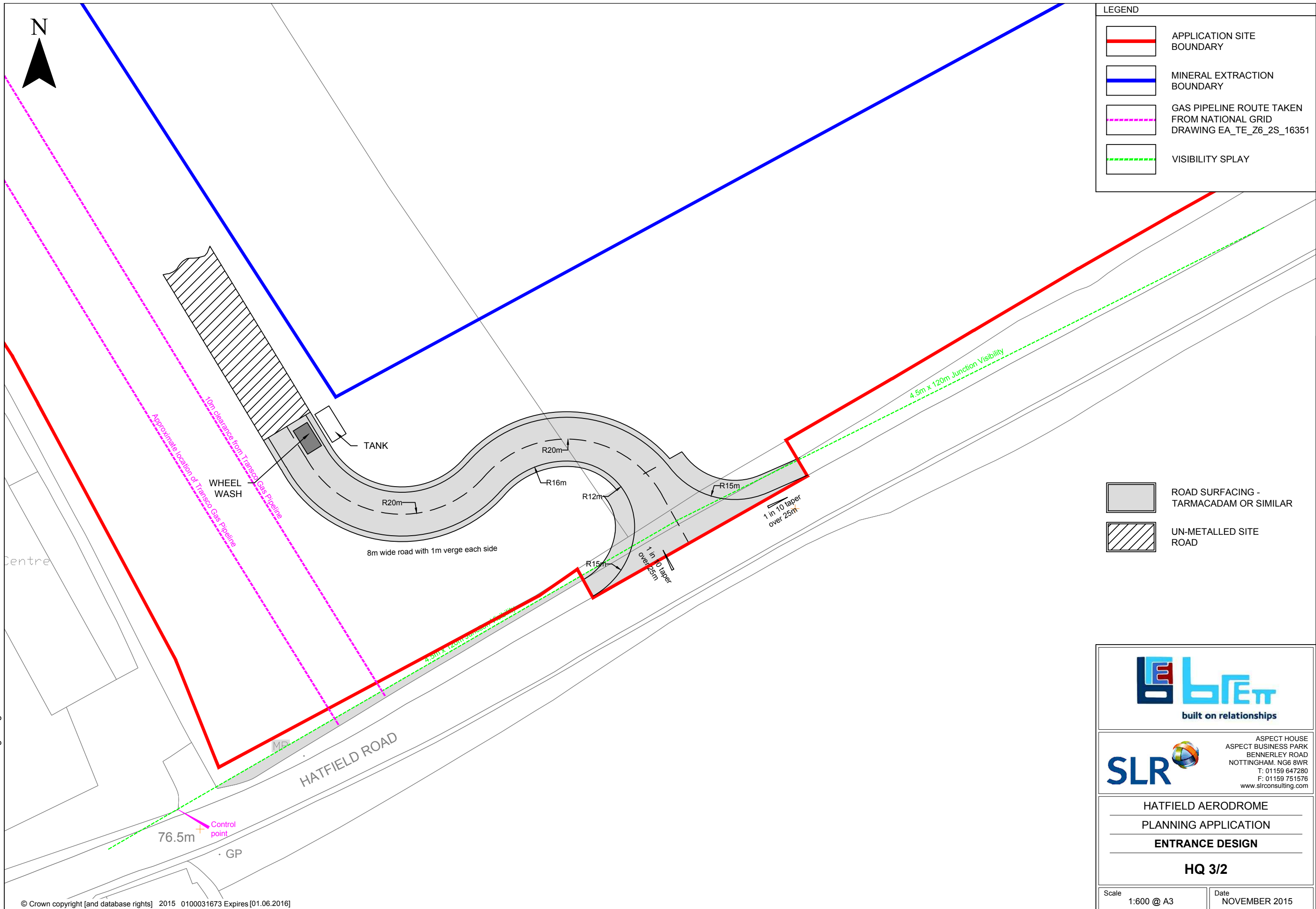
HATFIELD AERODROME
PLANNING APPLICATION

**OVERALL PHASING /
GENERAL LAYOUT**

HQ 3/1

Scale 1:5000 @ A3	Date NOVEMBER 2015
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01009.00132.16.HQ3-2.0 Entrance Design.dwg



01009.00132.16.HQ3-3.0 Plant Site (Masterplan).dwg



LEGEND	
	APPLICATION SITE BOUNDARY
	PROPOSED CONTOURS (2m INTERVALS)
	GAS PIPELINE ROUTE TAKEN FROM NATIONAL GRID DRAWING EA_TE_Z6_2S_16351
	MINERAL EXTRACTION AREA
	POTENTIAL INDICATIVE LOCATION OF OPEN DRAINAGE CHANNELS
	PUBLIC RIGHT OF WAY (INC DIVERTED SECTION)
	RIVER NAST CULVERT AND SURFACE WATER MONITORING POINT
	PROPOSED PERIMETER STORAGE BUNDS
	PROPOSED PERIMETER SEALS
	LANDSCAPE AND ECOLOGICAL CORRIDOR
	ADVANCE HEDGEROW AND STANDARD TREE PLANTING
	STOCKPILES
	BUILDINGS
	LAGOONS



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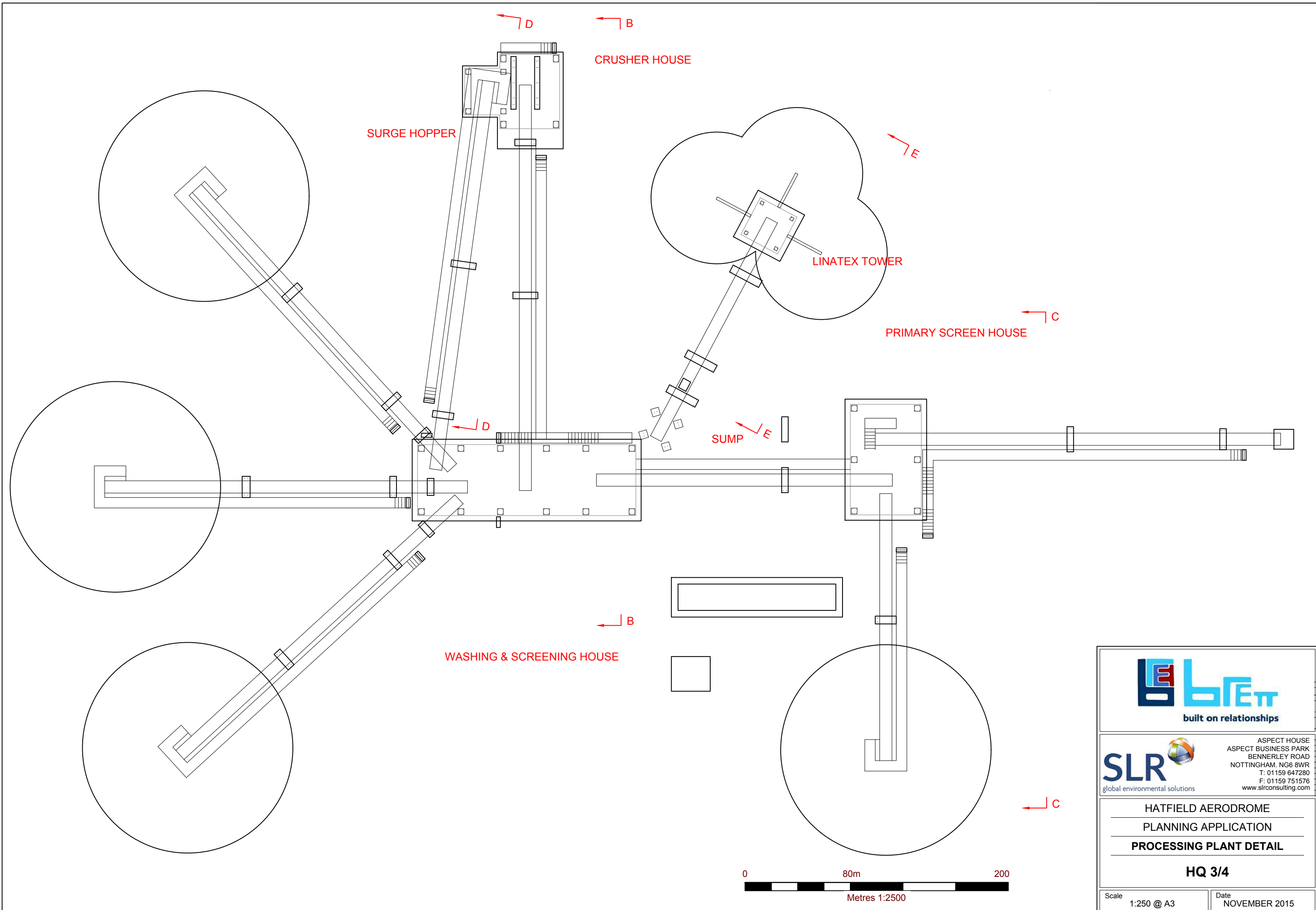
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PLANNING APPLICATION
PLANT SITE (MASTERPLAN)

HQ 3/3

Scale
1:2500 @ A3

Date
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01009.00132.16.HQ3-4.0 Plant Site (Detailed).dwg



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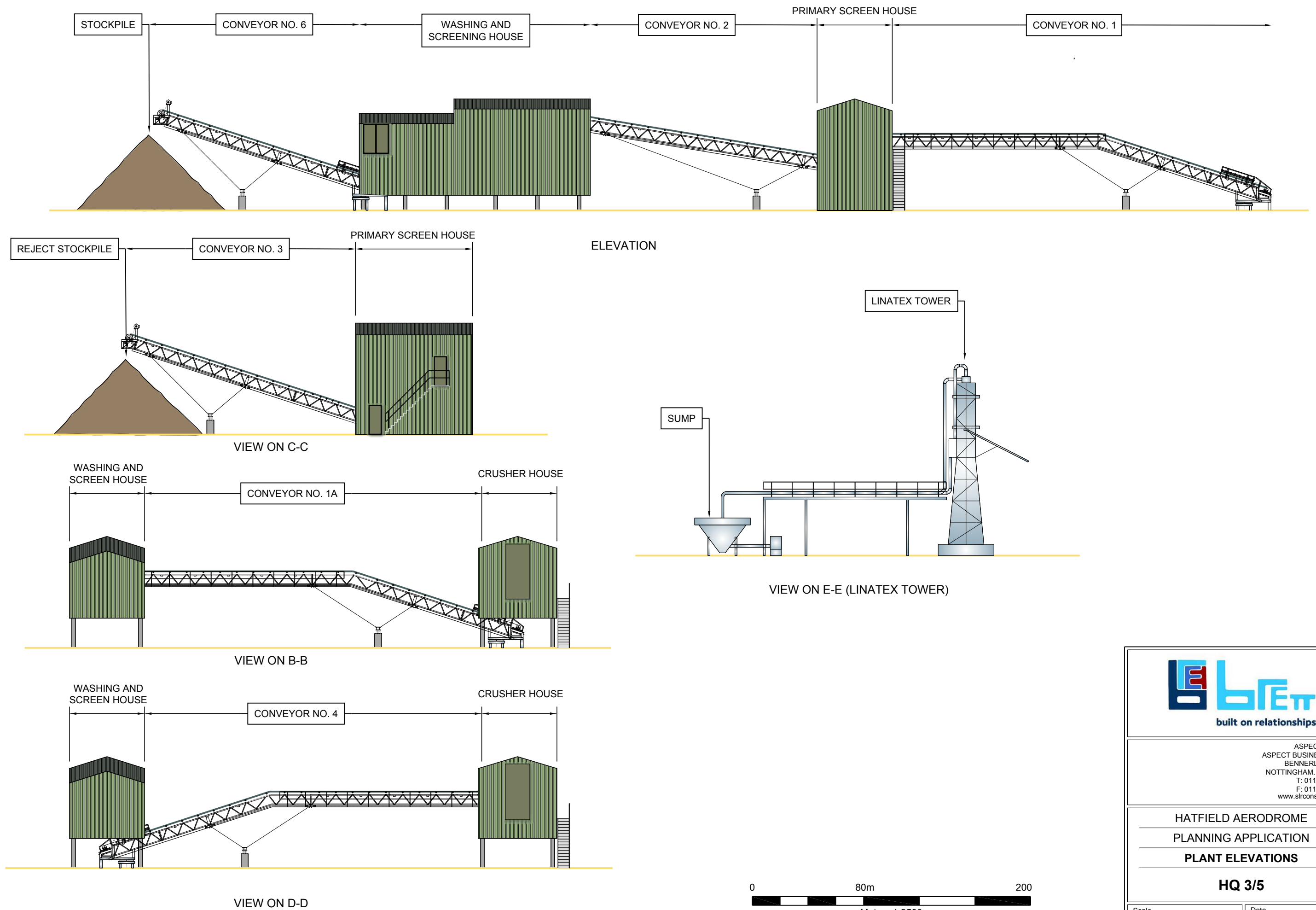
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PLANNING APPLICATION
PROCESSING PLANT DETAIL

HQ 3/4

Scale
1:250 @ A3

Date
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01009.00132.16.HQ3-5.0 Plant Elevations.dwg



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PLANNING APPLICATION
PLANT ELEVATIONS

HQ 3/5

Scale
1:250 @ A3

Date
NOVEMBER 2015



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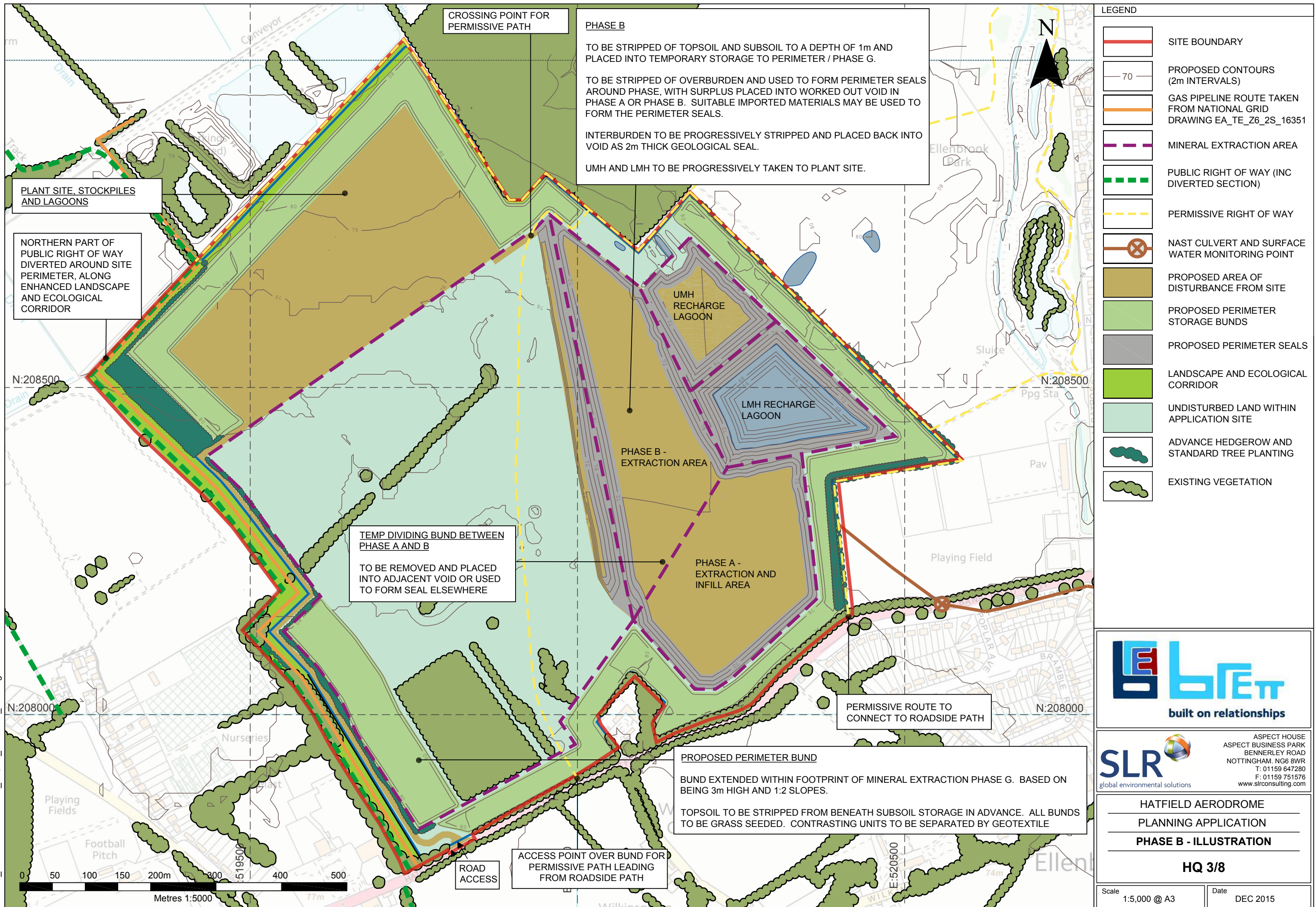
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PLANNING APPLICATION
INITIAL SITE PREPARATION

HQ 3/6

160107_01009.00132.29.000_HQ3-8_PHASEB_SM.dwg



160107_01009.00132.29.000_HQ3-9_PHASEC_SM.dwg



LEGEND	
	SITE BOUNDARY
	PROPOSED CONTOURS (2m INTERVALS)
	GAS PIPELINE ROUTE TAKEN FROM NATIONAL GRID DRAWING EA_TE_Z6_2S_16351
	MINERAL EXTRACTION AREA
	PUBLIC RIGHT OF WAY (INC DIVERTED SECTION)
	PERMISSIVE RIGHT OF WAY
	NAST CULVERT AND SURFACE WATER MONITORING POINT
	PROPOSED AREA OF DISTURBANCE FROM SITE
	PROPOSED PERIMETER STORAGE BUNDS
	PROPOSED PERIMETER SEALS
	LANDSCAPE AND ECOLOGICAL CORRIDOR
	UNDISTURBED LAND WITHIN APPLICATION SITE
	PROPOSED SEMI-NATURAL SPECIES-RICH GRASSLAND
	ADVANCE HEDGEROW AND STANDARD TREE PLANTING
	EXISTING VEGETATION

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HATFIELD AERODROME
PLANNING APPLICATION
PHASE C - ILLUSTRATION

HQ 3/9

Scale: 1:5,000 @ A3

Date: DEC 2015

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PLANT SITE, STOCKPILES
AND LAGOONS

NORTHERN PART OF
PUBLIC RIGHT OF WAY
DIVERTED AROUND SITE
PERIMETER, ALONG
ENHANCED LANDSCAPE
AND ECOLOGICAL
CORRIDOR

PHASE E

TO BE STRIPPED OF TOPSOIL AND SUBSOIL TO A DEPTH OF 1m AND DIRECT PLACED ONTO PREVIOUSLY PREPARED FORMATION LEVELS IN PHASE C, ACCORDING TO SPECIFICATION AND PROFILES TO MAXIMIZE HABITAT CREATION POTENTIAL

OVERBURDEN TO BE USED TO FORM PERIMETER SEALS AROUND PHASE, WITH SURPLUS PLACED INTO PREVIOUSLY WORKED OUT VOIDS. SUITABLE IMPORTED MATERIALS MAY BE USED TO FORM THE PERIMETER SEALS.


INTERBURDEN TO BE PROGRESSIVELY STRIPPED AND PLACED BACK INTO VOID AS 2m THICK GEOLOGICAL SEAL.

UMH AND LMH TO BE PROGRESSIVELY TAKEN TO PLANT SITE.


ACCESS POINT OVER BUND FOR
PERMISSIVE PATH LEADING
FROM ROADSIDE PATH

PERMISSIVE ROUTE TO
CONNECT TO ROADSIDE PATH

LEGEND	
	SITE BOUNDARY
	PROPOSED CONTOURS (2m INTERVALS)
	GAS PIPELINE ROUTE TAKEN FROM NATIONAL GRID DRAWING EA_TE_Z6_2S_16351
	MINERAL EXTRACTION AREA
	PUBLIC RIGHT OF WAY (INC DIVERTED SECTION)
	PERMISSIVE RIGHT OF WAY
	NAST CULVERT AND SURFACE WATER MONITORING POINT
	PROPOSED AREA OF DISTURBANCE FROM SITE
	PROPOSED PERIMETER STORAGE BUNDS
	PROPOSED PERIMETER SEALS
	LANDSCAPE AND ECOLOGICAL CORRIDOR
	UNDISTURBED LAND WITHIN APPLICATION SITE
	PROPOSED SEMI-NATURAL SPECIES-RICH GRASSLAND
	ADVANCE HEDGEROW AND STANDARD TREE PLANTING
	EXISTING VEGETATION



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PHASE E - ILLUSTRATION

HQ 3/10

Scale
1:5,000 @ A3

Date
DEC 2015

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LEGEND

- GAS PIPELINE ROUTE TAKEN FROM NATIONAL GRID DRAWING EA_TE_Z6_2S_16351
- PUBLIC RIGHT OF WAY
- PERMISSIVE RIGHT OF WAY
- MINERAL EXTRACTION AREA
- NAST CULVERT AND SURFACE WATER MONITORING POINT
- RETAINED ACCESS ROAD
- POTENTIAL INDICATIVE LOCATION OF BACK DRAIN

LEGEND

- SITE BOUNDARY
- PROPOSED CONTOURS (2m INTERVALS)
- PROPOSED OPEN DITCH/SWALE
- ADVANCE HEDGEROW AND TREE PLANTING
- EXISTING TREES AND SHRUBS
- PROPOSED HEDGROW
- PROPOSED SCRUB
- PROPOSED SEMI-NATURAL SPECIES RICH GRASSLAND
- PROPOSED MARGINAL VEGETATION/REEDBED
- WATER BODY / PONDS
- UNIMPROVED NEUTRAL-ACIDIC GRASSLAND
- NEUTRAL-ACIDIC GRASSLAND
- CALCAREOUS GRASSLAND
- PROPOSED RIDGE AND FURROW
- CULVERTED REACH OF NAST

REFER TO DRAWING HQ 3/12 FOR SECTION ILLUSTRATIONS



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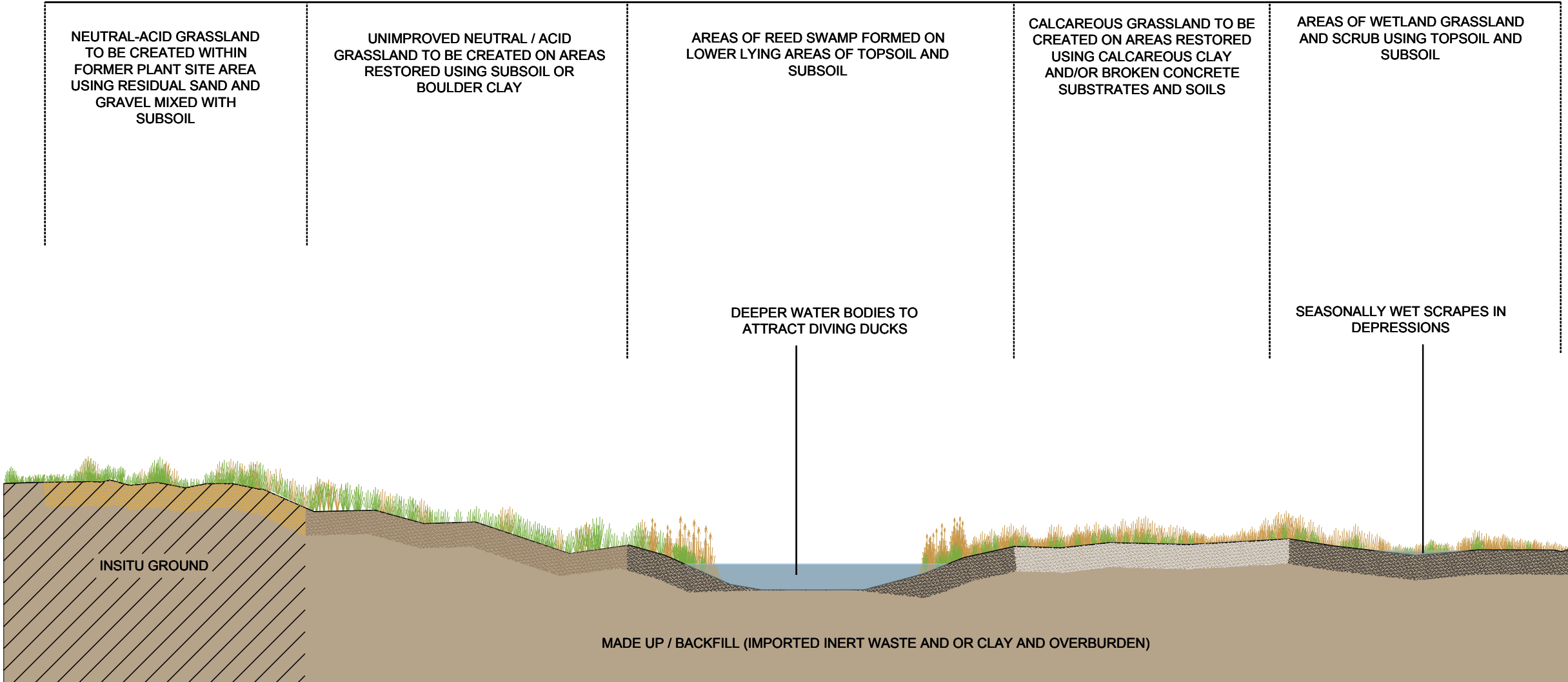
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PLANNING APPLICATION
ILLUSTRATIVE RESTORATION
CONCEPT

HQ 3/11

Scale AS SHOWN

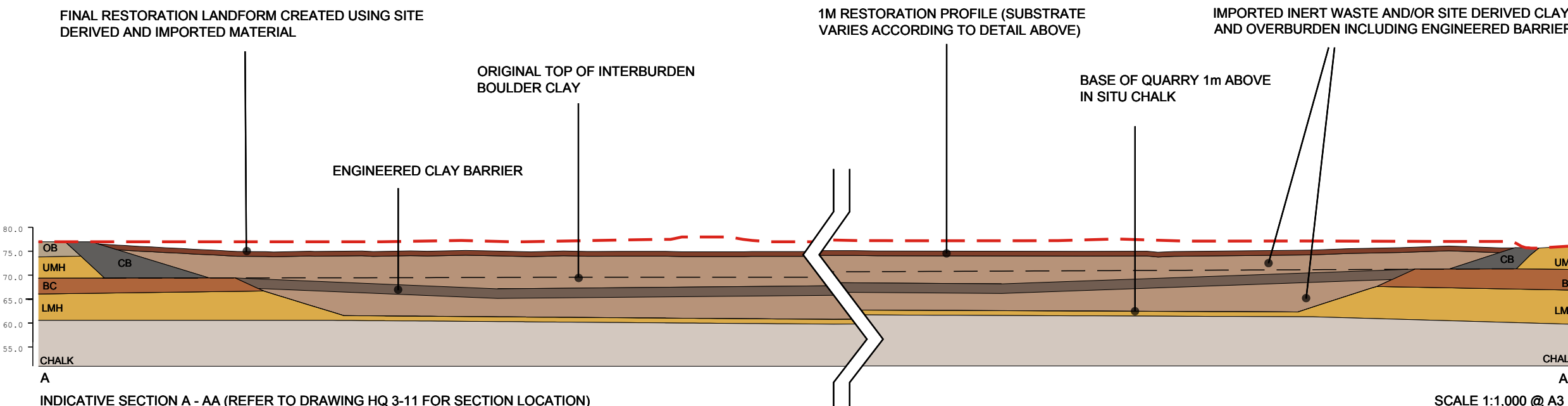
Date DEC 2015

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INDICATIVE DETAIL SECTION OF RESTORATION SUBSTRATES AND MICRO-TOPOGRAPHY

NOT TO SCALE



LEGEND

SECTION LEGEND

EXISTING LANDFORM

INSITU HORIZONS

OB SOIL AND OVERBURDEN

BC INTERBURDEN BOULDER CLAY

UMH LMH UPPER MINERAL HORIZON AND LOWER MINERAL HORIZON (INSITU)

CHALK CHALK

SITE DERIVED AND IMPORTED MATERIALS AS BACKFILL

1M THICK RESTORATION PROFILE (SUBSTRATE VARIES ACCORDING TO DETAIL)

IMPORTED INERT WASTE AND SITE DERIVED MATERIAL

ENGINEERED CLAY CAP / BARRIER

CB ENGINEERED CLAY PERIMETER SEAL/ EMBANKMENT

RESTORATION SUBSTRATES

RESIDUAL SAND AND GRAVEL MIXED WITH SUBSOIL

SUBSOIL OR BOULDER CLAY

TOPSOIL AND SUBSOIL

CALCAREOUS CLAY OR BROKEN CONCRETE AND SOILS

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PLANNING APPLICATION
ILLUSTRATIVE SECTIONS

HQ 3/12

Scale AS SHOWN Date DEC 2015



LEGEND

- MULTI PURPOSE PATH
- OTHER PATH
- INTERPRETATION BOARD
- EXTENT OF NATURE CONSERVATION AREA
- MARGINAL VEGETATION/ REEDBEDS

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ILLUSTRATIVE RESTORATION
CONCEPT
HQ3/11A

Scale NTS @ A3 Date AUGUST 2016

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LEGEND	
	SITE BOUNDARY
	PROPOSED CONTOURS (2m INTERVALS)
	GAS PIPELINE ROUTE TAKEN FROM NATIONAL GRID DRAWING EA_TE_Z6_2S_16351
	MINERAL EXTRACTION AREA
	PUBLIC RIGHT OF WAY (INC DIVERTED SECTION)
	PERMISSIVE RIGHT OF WAY
	NAST CULVERT AND SURFACE WATER MONITORING POINT
	PROPOSED AREA OF DISTURBANCE FROM SITE
	PROPOSED PERIMETER STORAGE BUNDS
	PROPOSED PERIMETER SEALS
	LANDSCAPE AND ECOLOGICAL CORRIDOR
	UNDISTURBED LAND WITHIN APPLICATION SITE
	PROPOSED SEMI-NATURAL SPECIES-RICH GRASSLAND
	ADVANCE HEDGEROW AND STANDARD TREE PLANTING
	EXISTING VEGETATION



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PLANNING APPLICATION
PHASE D - ILLUSTRATION

HQ 3/13

Scale 1:5,000 @ A3

Date AUG 2016

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LEGEND	
	SITE BOUNDARY
	PROPOSED CONTOURS (2m INTERVALS)
	GAS PIPELINE ROUTE TAKEN FROM NATIONAL GRID DRAWING EA_TE_Z6_2S_16351
	MINERAL EXTRACTION AREA
	PUBLIC RIGHT OF WAY (INC DIVERTED SECTION)
	PERMISSIVE RIGHT OF WAY
	NAST CULVERT AND SURFACE WATER MONITORING POINT
	PROPOSED AREA OF DISTURBANCE FROM SITE
	PROPOSED PERIMETER STORAGE BUNDS
	PROPOSED PERIMETER SEALS
	LANDSCAPE AND ECOLOGICAL CORRIDOR
	UNDISTURBED LAND WITHIN APPLICATION SITE
	PROPOSED SEMI-NATURAL SPECIES-RICH GRASSLAND
	ADVANCE HEDGEROW AND STANDARD TREE PLANTING
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PLANNING APPLICATION
PHASE F - ILLUSTRATION
HQ 3/14

Scale 1:5,000 @ A3

Date AUG 2016

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LEGEND

	SITE BOUNDARY
	PROPOSED CONTOURS (2m INTERVALS)
	GAS PIPELINE ROUTE TAKEN FROM NATIONAL GRID DRAWING EA_TE_Z6_2S_16351
	MINERAL EXTRACTION AREA
	PUBLIC RIGHT OF WAY (INC DIVERTED SECTION)
	PERMISSIVE RIGHT OF WAY
	NAST CULVERT AND SURFACE WATER MONITORING POINT
	PROPOSED AREA OF DISTURBANCE FROM SITE
	PROPOSED PERIMETER STORAGE BUNDS
	PROPOSED PERIMETER SEALS
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PLANNING APPLICATION

PHASE G - ILLUSTRATION

HQ 3/15

Scale 1:5,000 @ A3

Date AUG 2016