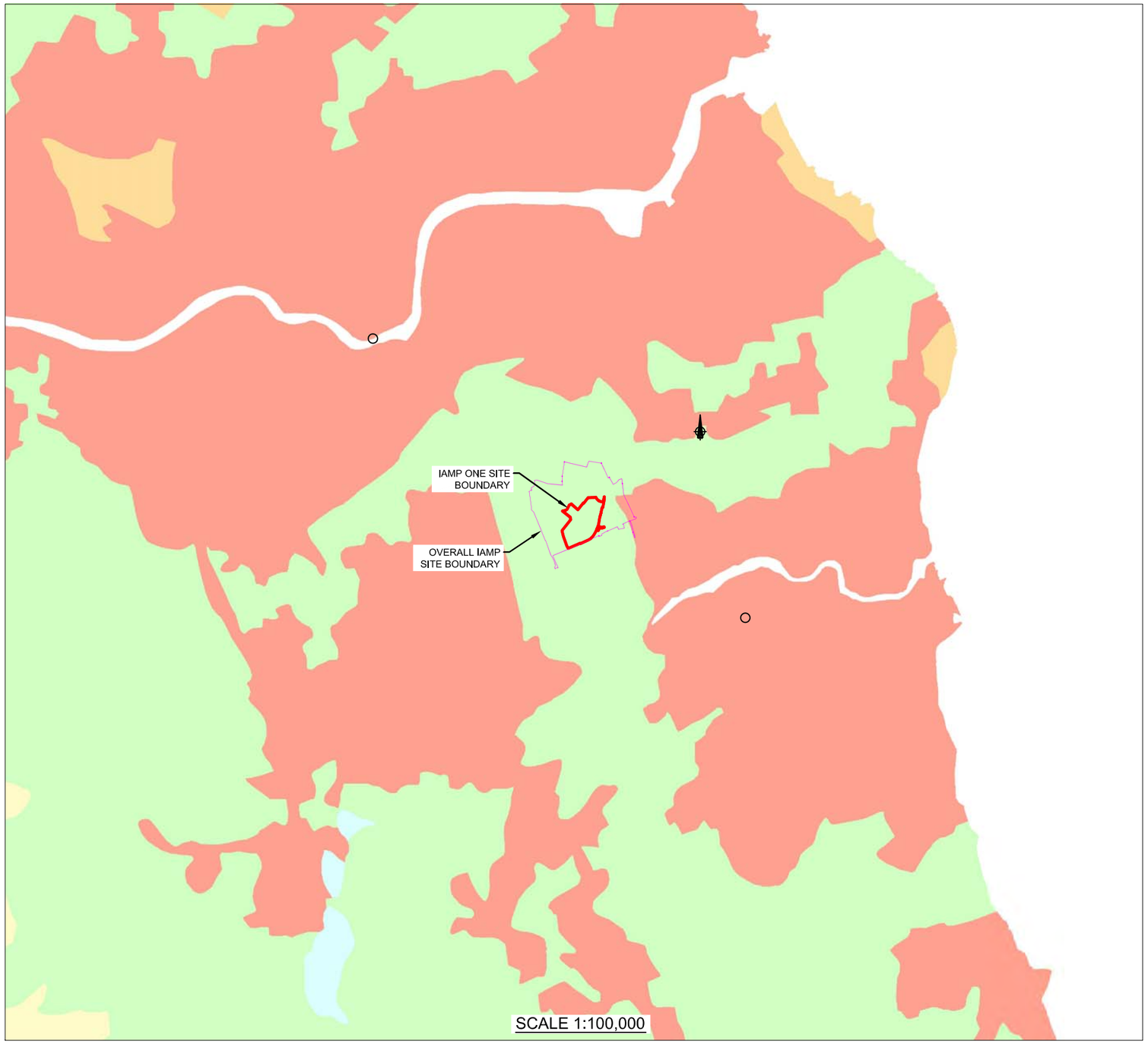

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AGRICULTURAL LAND CLASSIFICATON KEY

- GRADE 1
- GRADE 2
- GRADE 3
- GRADE 4
- GRADE 5
- NON AGRICULTURAL
- URBAN

KEY

- IAMP ONE SITE BOUNDARY
- OVERALL IAMP SITE BOUNDARY

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INTERNATIONAL ADVANCED MANUFACTURING PARK

Sunderland City Council

South Tyneside Council

Agricultural Land Classification

AECOM

Drawing Number:
60283414_M015_GEO_DR_007_P007

Project No: 60283414
Date: April 2018

Reproduced from NSRI published map. © Cranfield University. Licence Number R072

SOIL SURVEY MAP KEY

Soil Map Units

Map symbol		Association name[1]
22	*	UNRIPENED GLEY SOILS
31'	a	REVIDGE
	b *	SKIDDAW
	c *	WETTON 1
	d *	WETTON 2
	e *	BANGOR
31[2]	a *	DUNWELL
	b *	POWYS
	c *	CRWBIN
341	*	ICKNIELD
342	a *	UPTON 1
342	a *	ELMTON 1
	b *	ELMTON 2
	c	Elmton 3
	f *	NEWMARKET 1
	h *	ANDOVER 1
	i *	ANDOVER 2
361	*	Sandwich
371		Willingham
411	b *	EVESHAM 2
	c	EVESHAM 3
421	a *	STOW
431	*	WORCESTER
511	a *	ABERFORD
	c *	FANHOLES
	d	Blewbury
	e *	SWAFFHAM PRIOR
	f *	COOMBE 1
	i *	BADSEY 2
512	a *	ASWARBY
	b *	LANDBEACH
	c	RUSKINGTON
	f *	Milton
513		CANNAMORE
521		METHWOLD
532	a *	BLACKTOFT
	b *	ROMNEY
541	b	BROMSGROVE
	c *	EARDISTON 1
	f *	RIVINGTON 1
	g *	RIVINGTON 2
	h	NEATH
	i *	DENBIGH 1
	e *	Trusham
	o *	MALHAM 1
	p	MALHAM 2
	q *	WALTHAM
	r *	WICK 1
	u *	ELLERBECK
	x *	EAST KESWICK 1
	y *	EAST KESWICK 2
	z	EAST KESWICK 3
	C *	NEWBIGGIN
	D *	OGLETHORPE
542	*	NERCWYS
543	*	ARROW
544	*	BANBURY
551	a *	BRIDGNORTH
	b	CUCKNEY 1
	c	CUCKNEY 2
	d *	NEWPORT 1
	g	NEWPORT 4
552	a *	KEXBY
561	a *	WHARFE
	b *	TEME
	c *	ALUN
571	f *	FYFIELD 3
	n	TATHWELL
	q *	ESCRICK 2
	r *	HUNSTANTON
572	c	HOONET
	f	WHIMPLE 3
	g *	DUNNINGTON HEATH
	i *	FLINT
	m *	SALWICK
	o *	BURLINGHAM 2
	s *	Bishampton 1

Map symbol		Association name[1]
581	d *	CARSTENS
611	a *	MALVERN
	b *	MORETON/HAMPSTEAD
	c *	MANOD
	d	WITHNELL 1
631	a *	ANGLEZARKE
	b	DELAMERE
	f *	Crannymoor
641	a	SOLLOM 1
	c *	HOLME MOOR
651	a *	BELMONT
	b *	Hexworthy
	c *	EARLE
652	*	MAW
654	a *	HAFREN
711	c *	BROCKHURST 2
	f *	WICKHAM 2
	m *	SALOP
	n *	CLIFTON
	o	RUFFORD
	p *	DUNKESWICK
	r	BECCLES 1
	s	BECCLES 2
	t	BECCLES 3
	u *	HOLDERNESS
712	a *	DALE
	b *	DENCHWORTH
	f *	CREWE
	g	RAGDALE
	h *	FOGGATHORPE 1
	i *	FOGGATHORPE 2
713	a *	BARDSEY
	d *	CEGIN
	e *	BRICKFIELD 1
	f *	BRICKFIELD 2
	g *	BRICKFIELD 3
721	b *	ONECOTE
	c *	WILCOCKS 1
	d *	WILCOCKS 2
811	a *	ENRORNE
	b *	CONWAY
	c *	HOLLINGTON
	d *	ROCKCLIFFE
	e	TANVATS
812	d *	FROME
	b *	WISBECH
	c *	AGNEY
813	a	MIDELNEY
	c	FLADBURY 2
	d *	FLADBURY 3
	e	COMPTON
	f	WALLASEA 1
	g	WALLASEA 2
814	c *	NEWCHURCH 2
821	a *	EVERINGHAM
	b *	BLACKWOOD
831	b *	SESSAY
	c *	WIGTON MOOR
841	a *	Curdridge
851	b *	DOWNHOLLAND 2
	c *	DOWNHOLLAND 3
861	b *	Isleham 2
92	b *	DISTURBED SOILS 2 (ironstone workings)
	c *	DISTURBED SOILS 3 (opencast coal workings)
1011	a *	LONGMOSS
	b *	WINTER HILL
1021	*	TURBARY MOOR
1022	a *	ALTCAR 1
	b *	ALTCAR 2
1024	a *	ADVENTURERS' 1
	b	ADVENTURERS' 2
U		Unsurveyed, mainly urban and industrial areas

KEY

IAMP ONE SITE BOUNDARY

OVERALL IAMP SITE BOUNDARY

NOTES

1. MAP TAKEN FROM SOIL SURVEY OF ENGLAND & WALES 1:250,000 MAP SHEET 1 - NORTHERN ENGLAND.

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INTERNATIONAL ADVANCED MANUFACTURING PARK

Sunderland City Council

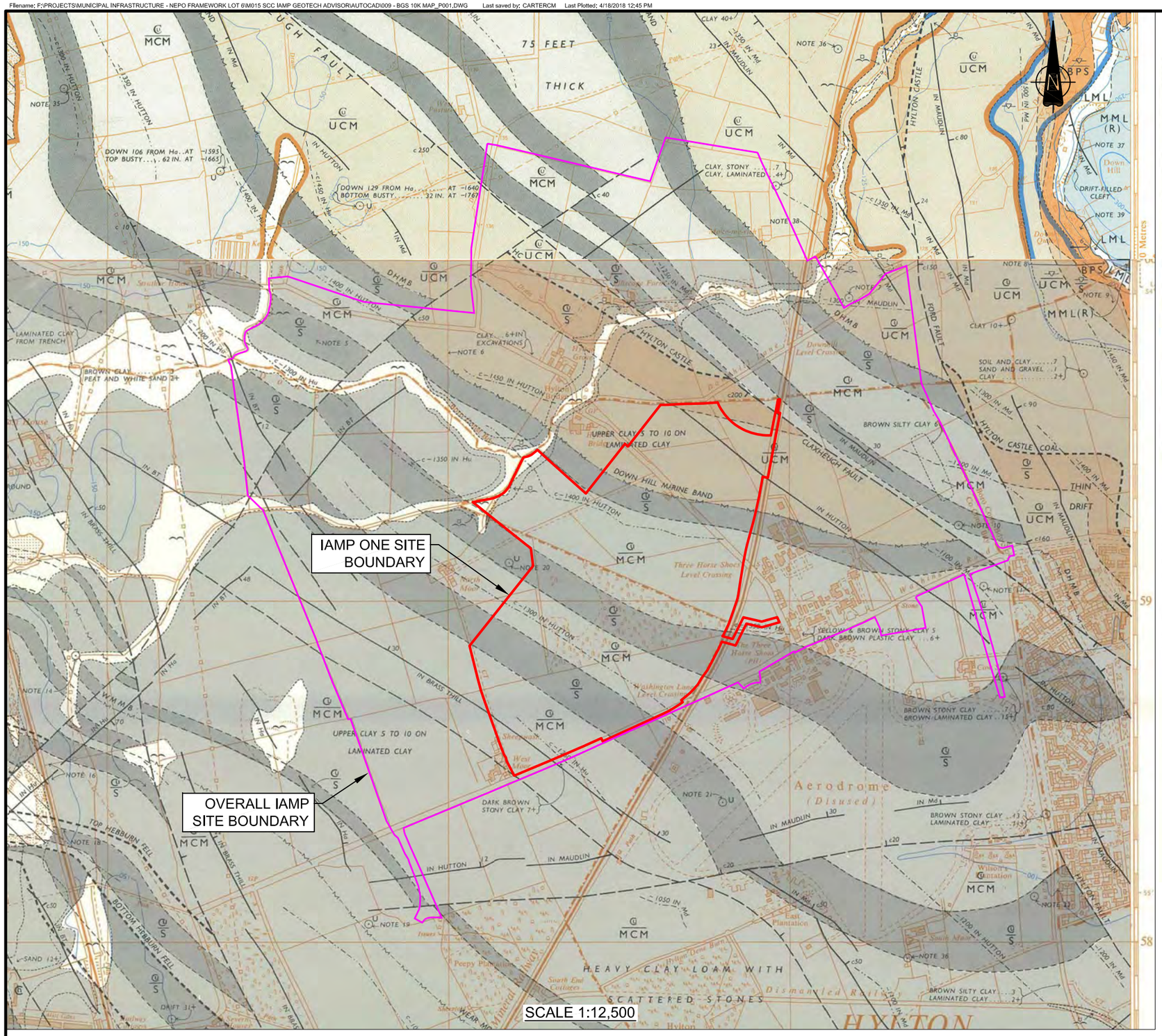
South Tyneside Council

Soil Survey Map

Drawing Number:
60283414_M015_GEO_DR_008_P001

AECOM

Project No: 60283414
Date: April 2018



GEOLOGICAL MAP KEY

DRIFT

- Peat
- Alluvium
- Topographic bench, marking possible former water level : base of T points towards higher ground
- Upper Clay
- Head (undifferentiated)
- Glacial Sand and Gravel
- Laminated Clay
- Boulder Clay and Drift, undifferentiated

(RECENT AND PLEISTOCENE)

SOLID

- MML(R) — Middle Magnesian Limestone Reef (PERMIAN)
- LML — Lower Magnesian Limestone and Marl Slate (PERMIAN)
- BPS — Basal Permian Sands (PERMIAN)
- UCM — Upper Coal Measures (CARBONIFEROUS)
- S — Sandstone (CARBONIFEROUS)
- MCM — Middle Coal Measures (CARBONIFEROUS)
- S — Sandstone (CARBONIFEROUS)

See also Generalized Vertical Section

- Horizontal strata
- Inclined strata, dip in degrees
- Geological boundary, Drift
- Geological boundary, Solid
- Fault at surface, crossmark indicates downthrow side
- Fault underground in horizon named; the note on side from which fault was proved
- Throw of fault where known is given at point indicated; crossmark indicates downthrow side
- Marine band
- Coal-crop
- Broken lines denote uncertainty
- Borehole
- Borehole, exact site uncertain
- Borehole from underground workings
- Pit or mine shaft
- Pit or mine shaft, abandoned
- Contour in seam (Figures for levels below datum on the low side of the line)
- Worked out opencast coal seam(s) area
- Made ground

Depths and thicknesses are given in feet unless otherwise stated

Figures preceded by + or − indicate levels above or below Ordnance Datum (OD)

Abbreviations :
c.....circa (approximately)
IN.....inches
SST.....Sandstone

SOLID

PERMIAN
- MIDDLE MAGNESIAN LIMESTONE (MML) — Reef dolomite (R)
- LOWER MAGNESIAN LIMESTONE & MARL SLATE — Bedded calcitic dolomite with slumped bed near base; Laminated argillaceous dolomite
- BASAL SANDS — Weakly-cemented yellow aeolian sand

UNCONFORMITY

UPPER COAL MEASURES (UCM) — Based on Down Hill Borehole (NW. corner of NZ 35 NE)

COAL thin; COAL thin; COAL thin; HYLTON CASTLE 21 IN.; COAL thin; Down Hill Marine Band (DHMB) COAL thin; Several thin coals; COAL thin; Several thin coals; COAL thin; Inferred position of Wear Mouth Marine Band (WMMB) COAL thin; COAL thin; COAL thin; COAL thin; COAL thin; COAL thin; TOP HEBBURN FELL (THF) 15-32 IN.; BOTTOM HEBBURN FELL (BHF) 12-18 IN.; COAL thin; COAL thin; USWORTH (Us) (generally banded) 0-39 IN.; Ryhope Marine Band (RMB) COAL thin

KEY

IAMP ONE SITE BOUNDARY

OVERALL IAMP SITE BOUNDARY

(C16/02) BRITISH GEOLOGICAL SURVEY ©NERC. ALL RIGHTS RESERVED 2016
BASED UPON 1:10,000 MAP SHEETS NZ35NE & NZ36SW, WITH THE PERMISSION OF THE BRITISH GEOLOGICAL SURVEY

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INTERNATIONAL ADVANCED MANUFACTURING PARK

Sunderland City Council
South Tyneside Council

Geological Map

Drawing Number:
60283414_M015_GEO_DR_009_P001

AECOM

Project No: 60283414
Date: April 2018

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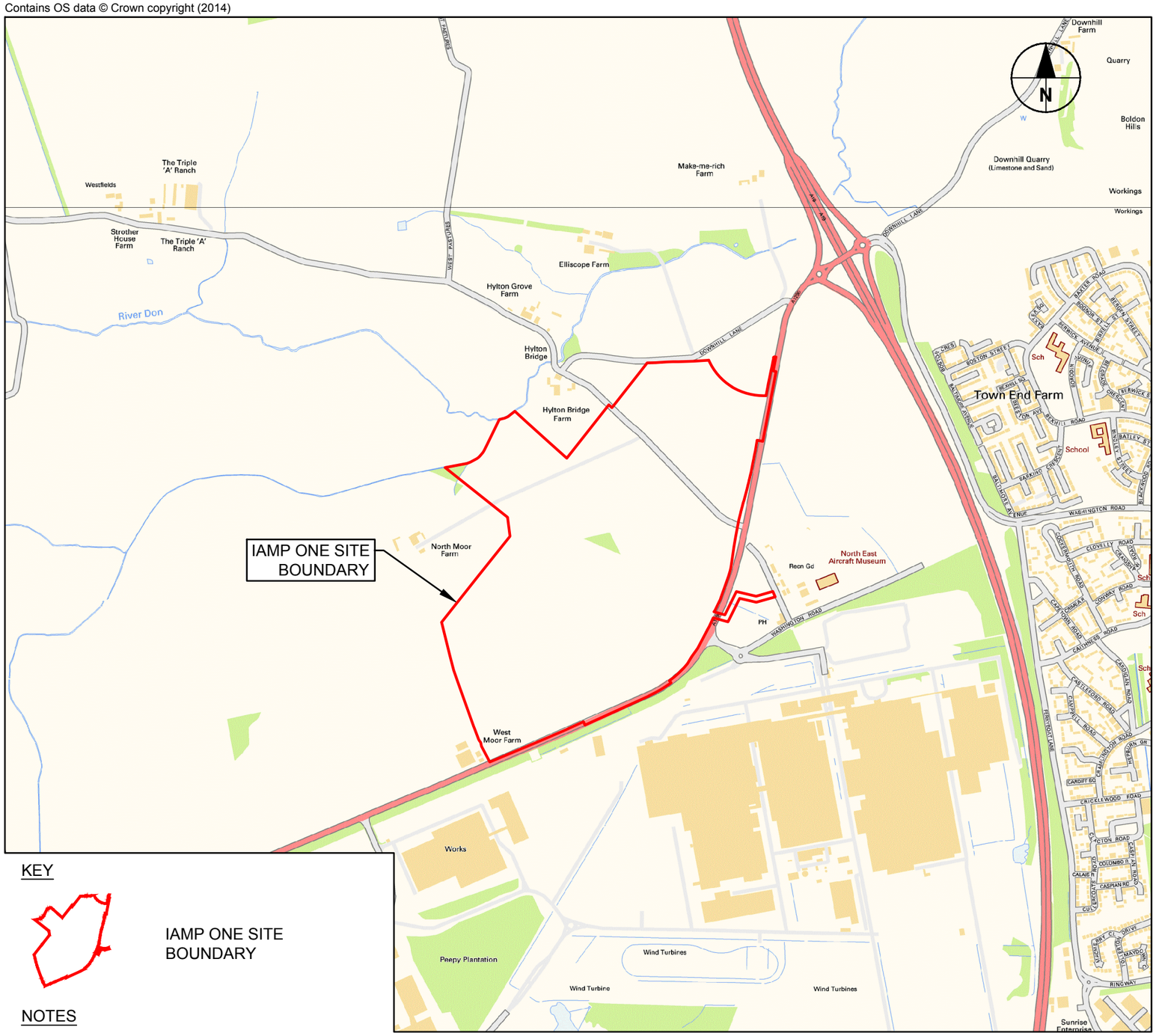

SCALE 1:12,500

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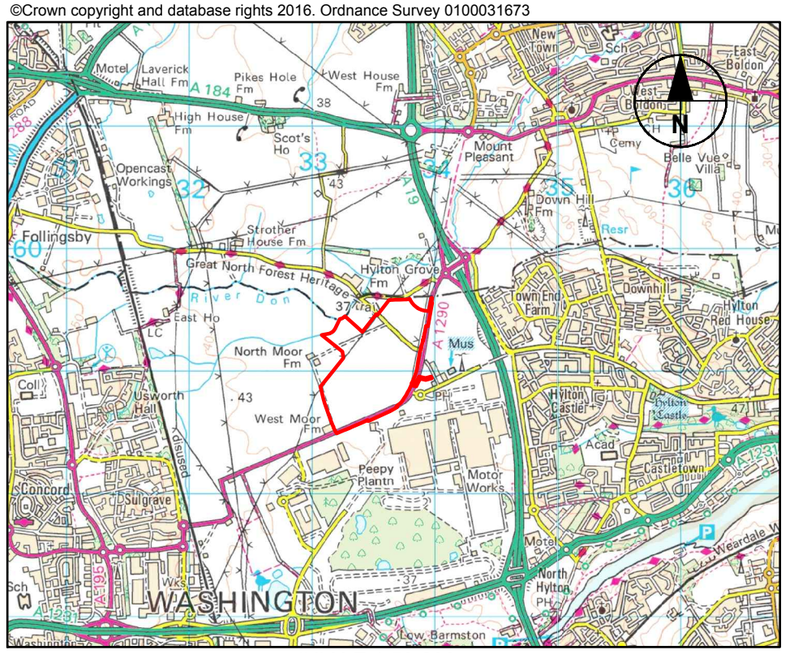

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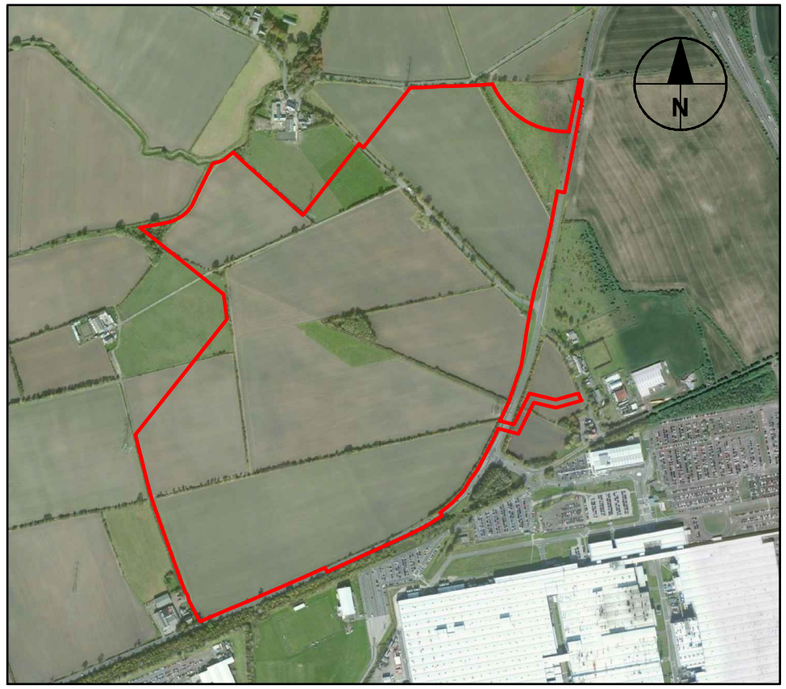

SCALE 1:12,500

KEY

IAMP ONE SITE BOUNDARY

NOTES

1. IAMP ONE SITE BOUNDARY TAKEN FROM AJA ARCHITECTS DRAWING TITLE INDICATIVE MASTERPLAN FOR IAMP ONE, SUNDERLAND, DRAWING NUMBER 6247-127 DATED 11/01/2018.

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INTERNATIONAL ADVANCED MANUFACTURING PARK

Sunderland City Council

South Tyneside Council

IAMP ONE Site Boundary

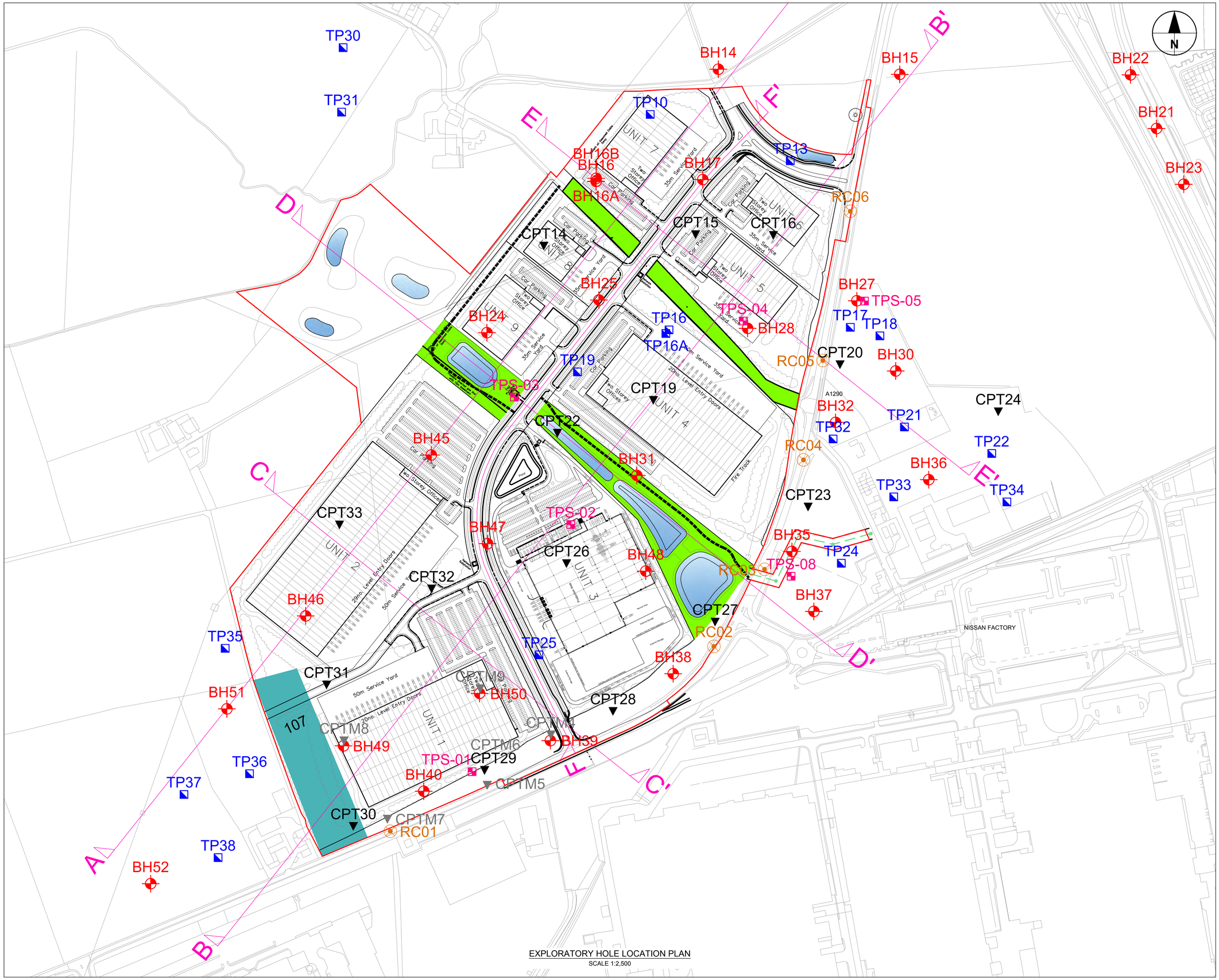
AECOM

Grid Reference: NZ 335 590

Drawing Number: 60283414-M015-ACM-L1-DR-GE_001

Project No: 60283414_M015

Date: March 2018



EXPLORATORY HOLE LOCATION PLAN

SCALE 1:2,500

AECOM

NOTES

1. GROUND INVESTIGATION DATA FROM FACTUAL REPORT PREPARED BY DUNELM GEOTECHNICAL & ENVIRONMENTAL LTD FOR PROJECT TITLED IAMP - PRELIMINARY GROUND INVESTIGATION, FEBRUARY 2018, PROJECT NUMBER D8044.
2. PROPOSED PHASE ONE EXTENTS AND BUILDING/UNIT LAYOUT TAKEN FROM AJA ARCHITECTS DRAWING TITLE INDICATIVE MASTERPLAN FOR IAMP ONE, SUNDERLAND, DRAWING NUMBER 6247-127 DATED 11/01/2018.
3. FOR GEOLOGICAL SECTIONS A-A' TO F-F' REFER TO DRAWINGS 60283414-M015-ACM-L1-DR-GE_005 TO 007.

KEY

BH##	BOREHOLE
TP##	TRIAL PIT
TPS##	TRIAL PIT SOAKAWAY TESTING
RC##	ROAD CORE (THROUGH EXISTING A1290) - PROPOSED LOCATIONS (NOT SURVEYED)
CPT##	CONE PENETROMETER TEST
CPTM-##	CONE PENETROMETER TEST - MAGNETOMETER
	IAMP ONE SITE BOUNDARY

0 62.5 125 m

SCALE 1:2,500 @ A1

ISSUE

I/R	DATE	DESCRIPTION
P01	2018-03-12	FIRST ISSUE

CLIENT

South Tyneside Council

Sunderland City Council

PROJECT

INTERNATIONAL ADVANCED MANUFACTURING PARK

SHEET TITLE

EXPLORATORY HOLE LOCATION PLAN - IAMP ONE AREA

CONSULTANT

AECOM
One Trinity Gardens
Newcastle upon Tyne
0191 224 6500 tel 0191 224 6599 fax
www.aecom.com

SHEET NUMBER

60283414-M015-ACM-L1-DR-GE_002 P01

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ISO A1 594mm x 841mm Approved: SDM Checked: CMC Designer: RPA Project Management Initials:

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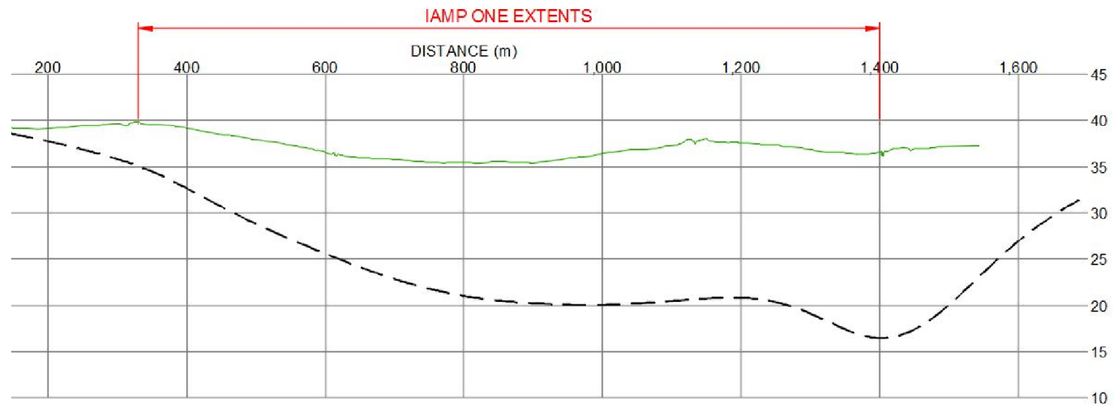
Drawn: RPA Checked: CMC Approved: SDM IS0 A3 420mm X 297mm



Section A - Indicative Rockhead Profile (NTS)

NOTES:

1. GROUND INVESTIGATION DATA FROM FACTUAL REPORT PREPARED BY DUNELM GEOTECHNICAL & ENVIRONMENTAL LTD FOR PROJECT TITLED IAMP - PRELIMINARY GROUND INVESTIGATION, FEBRUARY 2018, PROJECT NUMBER D8044.

2. FOR GEOLOGICAL SECTIONS A-A' TO F-F' REFER TO DRAWINGS 005 TO 007.

3. PROPOSED PHASE ONE EXTENTS AND BUILDING/UNIT LAYOUT TAKEN FROM AJA ARCHITECTS DRAWING TITLE INDICATIVE MASTERPLAN FOR IAMP ONE, SUNDERLAND, DRAWING NUMBER 6247-127 DATED 11/01/2018.

INTERNATIONAL ADVANCED MANUFACTURING PARK

IAMP ONE - Indicative Bedrock Contour Plan

AECOM

Sunderland City Council

South Tyneside Council

Project Number: 60283414_M015

Drawing Number: 60283414-M015-ACM-L1-DR-GE_003 P01

Date: March 2018

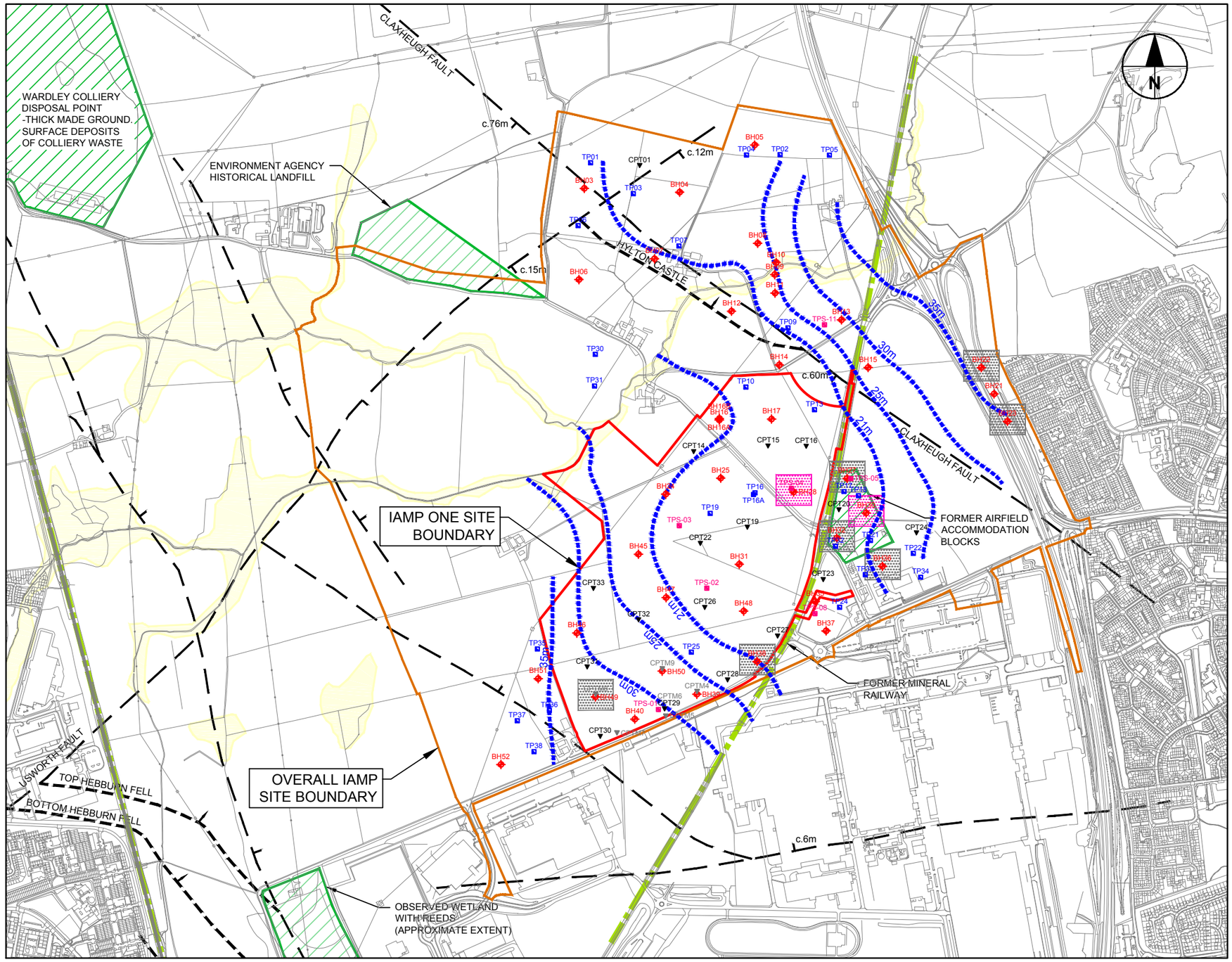
KEY

IAMP ONE SITE BOUNDARY

OVERALL IAMP SITE BOUNDARY

CONSTRAINTS KEY

- FAULT ORIENTATION (AND DIRECTION OF THROW)
- NAMED COAL SEAM
- FORMER MINERAL RAILWAY
- ALLUVIUM
- CONSTRAINT
- BOREHOLE WHICH ENCOUNTERED COAL
- BOREHOLE WHICH ENCOUNTERED VOIDS/DRILLING DISTURBANCE/ POSSIBLE OLD COAL WORKINGS
- 20m ROCKHEAD CONTOUR (mAOD) MODELED FROM GROUND INVESTIGATION DATA



SCALE 1:12,500

NOTES

1. IAMP ONE SITE BOUNDARY TAKEN FROM AJA ARCHITECTS DRAWING TITLE INDICATIVE MASTERPLAN FOR IAMP ONE, SUNDERLAND, DRAWING NUMBER 6247-127 DATED 11/01/2018.
2. GROUND INVESTIGATION DATA FROM FACTUAL REPORT PREPARED BY DUNELM GEOTECHNICAL & ENVIRONMENTAL LTD FOR PROJECT TITLED IAMP - PRELIMINARY GROUND INVESTIGATION, FEBRUARY 2018, PROJECT NUMBER D8044.
3. GEOLOGICAL INFORMATION TAKEN FROM BRITISH GEOLOGICAL SURVEY 1:10,000 MAP SHEETS NZ35NE & NZ36SW.

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INTERNATIONAL ADVANCED MANUFACTURING PARK

IAMP ONE - Geotechnical Constraints

Sunderland City Council

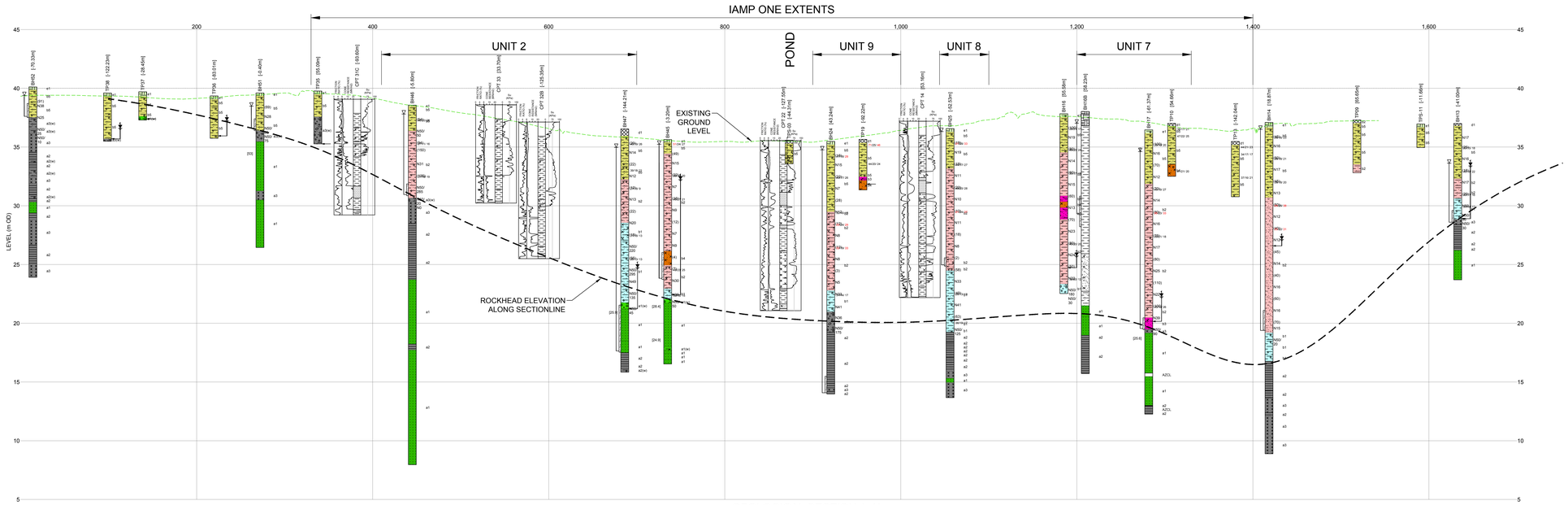
South Tyneside Council

AECOM

Drawing Number: 60283414-M015-ACM-L1-DR-GE_004

Project No: 60283414_M015

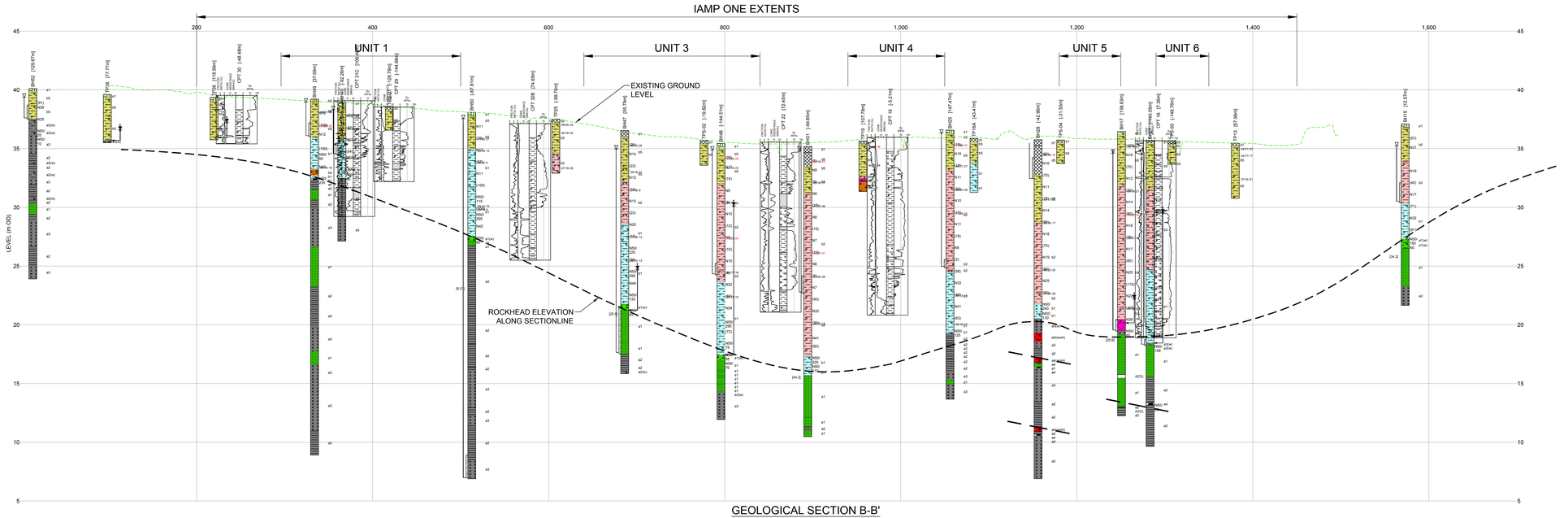
Date: March 2018



GEOLOGICAL SECTION A-A'

SCALE H1:2000 V1:150

GEOLOGICAL SECTIONLINE LAYOUT SEE DRAWING 002 FOR DETAILED EXPLORATORY HOLE LOCATIONS



GEOLOGICAL SECTION B-B'

SCALE H1:2000 V1:150

AECOM

NOTES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. ALL LEVELS SHOWN ARE IN METRES ABOVE ORDNANCE DATUM.
2. GROUND INVESTIGATION DATA FROM FACTUAL REPORT PREPARED BY DUNELM GEOTECHNICAL & ENVIRONMENTAL LTD FOR PROJECT TITLED IAMP - PRELIMINARY GROUND INVESTIGATION, FEBRUARY 2018, PROJECT NUMBER D8044.
3. PROPOSED PHASE ONE EXTENTS AND BUILDING/UNIT LAYOUT TAKEN FROM AJA ARCHITECTS DRAWING TITLE INDICATIVE MASTERPLAN FOR IAMP ONE, SUNDERLAND, DRAWING NUMBER 6247-127 DATED 11/01/2018.
4. FOR ROCKHEAD ELEVATION CONTOURS REFER TO DRAWING 60283414-M015-ACM-L1-DR-GE_003.

GEOLOGICAL STRATA KEY

SUPERFICIAL SOILS

- s1 TOPSOIL

MADE GROUND - TOPSOIL

- s1 TOPSOIL WITH COAL, SANDSTONE, BRICK, LIMESTONE, CONCRETE
- s2 TOPSOIL WITH GLASS, CERAMIC & POTTERY, CLAY TILES
- s3 TOPSOIL WITH ORGANIC MATTER
- s4 TOPSOIL WITH ASH
- s5 MADE GROUND CLAY AT DEPTH

- c1 ALLUVIUM - GRANULAR
- c2 ALLUVIUM - COHESIVE

- b5 PELAW CLAY
- b4 SILT
- b3 GLACIAL SAND
- b2 LAMINATED CLAY
- b1 LOWER GLACIAL TILL

CARBONIFEROUS BEDROCK

- a1 SANDSTONE
- a2 MUDSTONE
- a3 SILTSTONE
- a4 COAL
- a4(work) POTENTIAL COAL WORKINGS

STRATA HATCH KEY

- MADE GROUND
- TOPSOIL
- CLAY / CLAYEY
- SILT / SILTY
- SAND / SANDY
- GRAVEL / GRAVELLY
- SANDSTONE
- SILTSTONE
- MUDSTONE
- COAL

SECTION KEY

- BH02 [11.3M] — HOLE ID WITH GROUND INVESTIGATION PREFIX AND PERPENDICULAR DISTANCE FROM SECTION LINE
- N9 — SPT N VALUE
- (34) — U(100) BLOWS
- [26.3] — ROCK UNIAXIAL COMPRESSIVE STRENGTH (MPa)
- LIQUID LIMIT (LL) / PLASTIC LIMIT (PL) / PLASTICITY INDEX (PI) — 56 / 22 / 34; RED =>50; RED =>28
- WATER STRIKE AND RISE LEVEL DURING DRILLING
- RESPONSE ZONE, PIEZO TIP AND MAXIMUM WATER LEVEL MONITORED
- ROCKHEAD ELEVATION PROFILE - REFER TO ROCKHEAD CONTOUR DRAWING 60283414-M015-ACM-L1-DR-GE_003 FOR MORE DETAILS
- POSSIBLE COAL SEAM

ISSUE

I/R	DATE	DESCRIPTION
P01	2018-02-23	FIRST ISSUE

CLIENT

South Tyneside Council

Sunderland City Council

PROJECT

INTERNATIONAL ADVANCED MANUFACTURING PARK

SHEET TITLE

IAMP ONE
GEOLOGICAL SECTIONS
A-A' & B-B'

CONSULTANT

AECOM
One Trinity Gardens
Newcastle upon Tyne
0191 224 6500 tel 0191 224 6599 fax
www.aecom.com

SHEET NUMBER

60283414-M015-ACM-L1-DR-GE_005 P01

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ISO A0 841mm x 1189mm
Project Management Initials: Designer: RPA Checked: CMC Approved: SDM
Filename: F:\PROJECTS\MUNICIPAL INFRASTRUCTURE - NEPO FRAMEWORK LOT 6\M015 SCC IAMP GEOTECH ADVISOR\AUTOCAD\GE-005 TO 007 GEOLOGICAL SECTIONS2.DWG Last saved by: ADDISONRP Last Plotted: 2018-04-13

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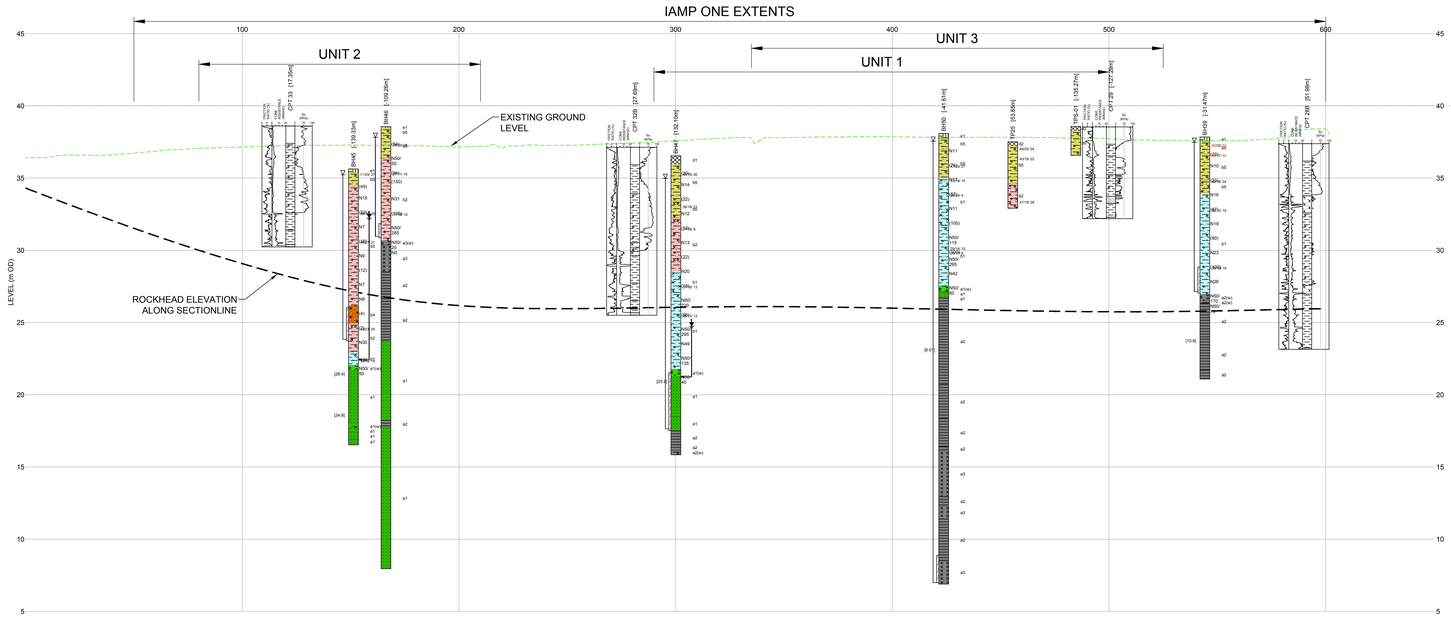
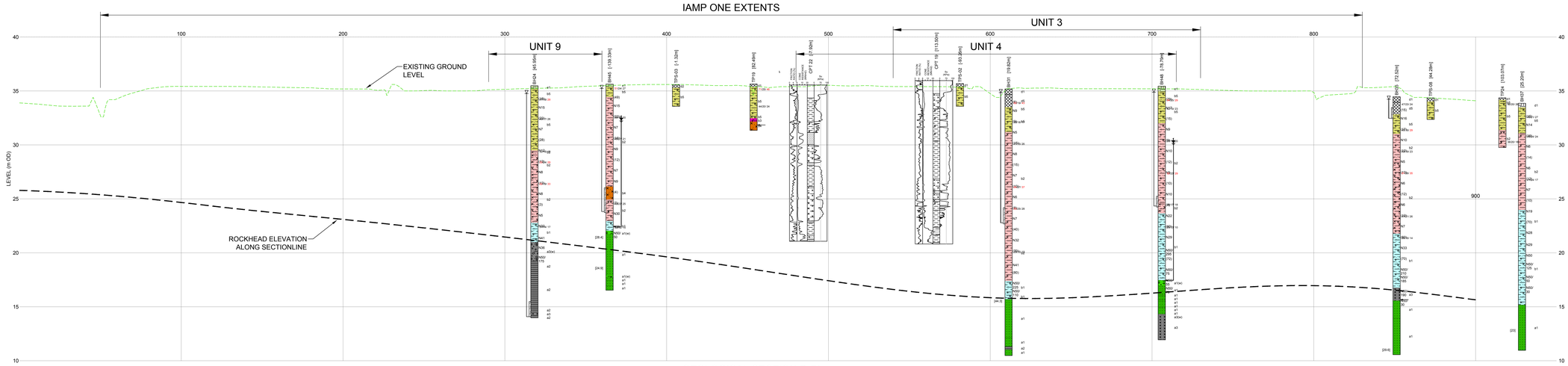


GEOLOGICAL SECTION C-C'

SCALE H1:1000 V1:150

GEOLOGICAL SECTIONLINE LAYOUT SEE DRAWING 002 FOR DETAILED EXPLORATORY HOLE LOCATIONS



GEOLOGICAL SECTION D-D'

SCALE H1:1000 V1:150

AECOM

N TES

1. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE. ALL LEVELS SHOWN ARE IN METRES ABOVE ORDNANCE DATUM.
2. GROUND INVESTIGATION DATA FROM FACTUAL REPORT PREPARED BY DUNELM GEOTECHNICAL & ENVIRONMENTAL LTD FOR PROJECT TITLED IAMP - PRELIMINARY GROUND INVESTIGATION, FEBRUARY 2018, PROJECT NUMBER D8044.
3. PROPOSED PHASE ONE EXTENTS AND BUILDING/UNIT LAYOUT TAKEN FROM AJA ARCHITECTS DRAWING TITLE INDICATIVE MASTERPLAN FOR IAMP ONE, SUNDERLAND, DRAWING NUMBER 6247-127 DATED 11/01/2018.
4. FOR ROCKHEAD ELEVATION CONTOURS REFER TO DRAWING 60283414-M015-ACM-L1-DR-GE_003.

GEOLOGICAL STRATA KEY

SUPERFICIAL SOILS

- e1 TOPSOIL

MADE GROUND - TOPSOIL

- t1 TOPSOIL WITH COAL, SANDSTONE, BRICK, LIMESTONE, CONCRETE
- t2 TOPSOIL WITH GLASS, CERAMIC & POTTERY, CLAY TILES
- t3 TOPSOIL WITH ORGANIC MATTER
- t4 TOPSOIL WITH ASH
- t5 MADE GROUND CLAY AT DEPTH

- c1 ALLUVIUM - GRANULAR
- c2 ALLUVIUM - COHESIVE

- b5 PELAW CLAY
- b4 SILT
- b3 GLACIAL SAND
- b2 LAMINATED CLAY
- b1 LOWER GLACIAL TILL

CARBONIFEROUS BEDROCK

- a1 SANDSTONE
- a2 MUDSTONE
- a3 SILTSTONE
- a4 COAL
- a4(work) POTENTIAL COAL WORKINGS

STRATA HATCH KEY

- MADE GROUND
- TOPSOIL
- CLAY / CLAYEY
- SILT / SILTY
- SAND / SANDY
- GRAVEL / GRAVELLY
- SANDSTONE
- SILTSTONE
- MUDSTONE
- COAL

SECTION KEY

- BH02 [11.3M] HOLE ID WITH GROUND INVESTIGATION PREFIX AND PERPENDICULAR DISTANCE FROM SECTION LINE
- N9 SPT N VALUE
- (34) U(100) BLOWS
- [26.3] ROCK UNIAXIAL COMPRESSIVE STRENGTH (MPa)
- LIQUID LIMIT (LL) / PLASTIC LIMIT (PL) / PLASTICITY INDEX (PI): 56 / 22 / 34; RED =>50; RED =>28
- WATER STRIKE AND RISE LEVEL DURING DRILLING
- RESPONSE ZONE, PIEZO TIP AND MAXIMUM WATER LEVEL MONITORED
- ROCKHEAD ELEVATION PROFILE - REFER TO ROCKHEAD CONTOUR DRAWING 60283414-M015-ACM-L1-DR-GE_003 FOR MORE DETAILS

SS E S N

I/R	DATE	DESCRIPTION
P01	2018-02-23	FIRST ISSUE

L ENT

South Tyneside Council

Sunderland City Council

E T

INTERNATIONAL ADVANCED MANUFACTURING PARK

SHEET T TLE

IAMP ONE
GEOLOGICAL SECTIONS
C-C' & D-D'

NS LT NT

AECOM
One Trinity Gardens
Newcastle upon Tyne
0191 224 6500 tel 0191 224 6599 fax
www.aecom.com

SHEET N M E

60283414-M015-ACM-L1-DR-GE_006 P01

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ISO A0 841mm x 1189mm Approved: SDM Checked: CMC Designer: RPA Project Management Initials:
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ADDISONRP Last Plotted: 2018-04-13

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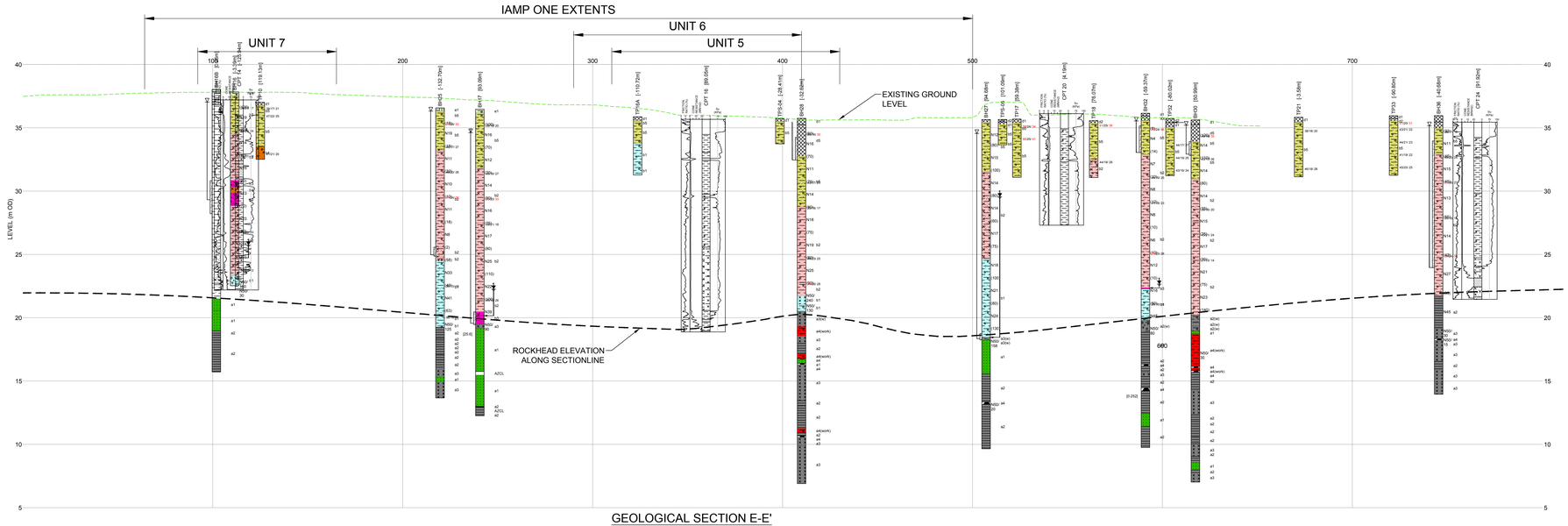
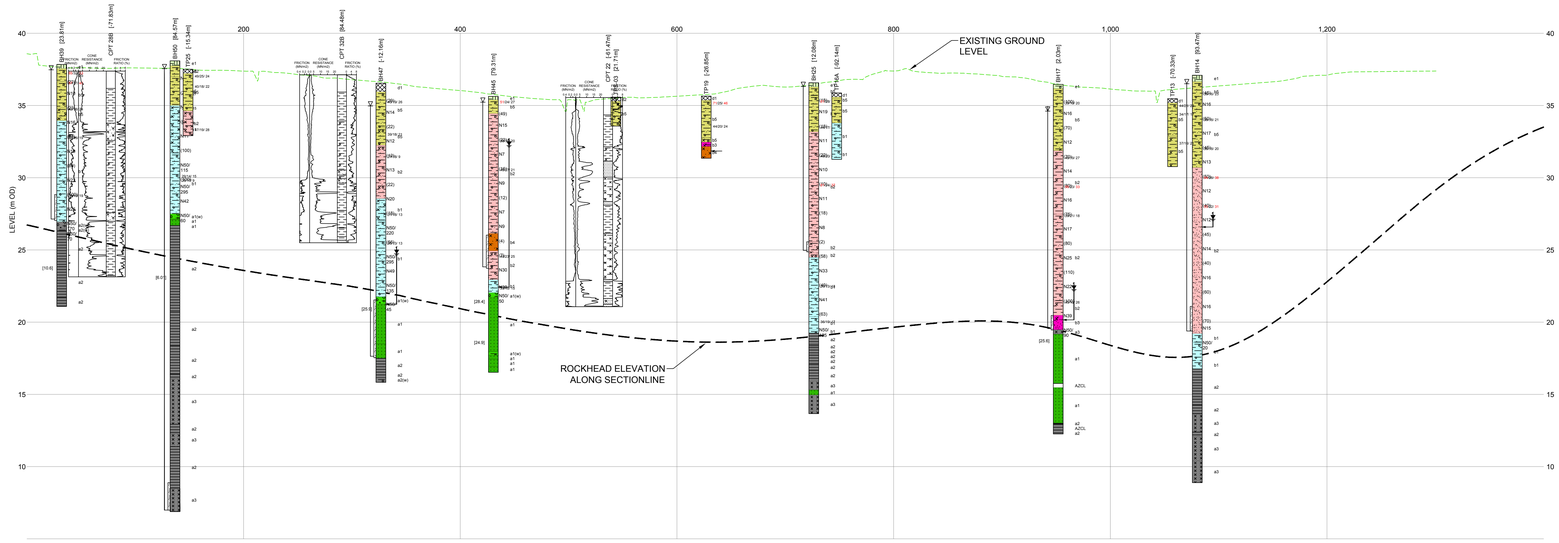


GEOLOGICAL SECTION E-E'

SCALE H1:1000 V1:150



GEOLOGICAL SECTION F-F' - ROAD

SCALE H1:2000 V1:150

GEOLOGICAL SECTIONLINE LAYOUT SEE DRAWING 002 FOR DETAILED EXPLORATORY HOLE LOCATIONS

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NOTES

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4. FOR ROCKHEAD ELEVATION CONTOURS REFER TO DRAWING 60283414-M015-ACM-L1-DR-GE_003.

GEOLOGICAL STRATA KEY

SUPERFICIAL SOILS

- TOPSOIL

MADE GROUND - TOPSOIL

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- m4 TOPSOIL WITH ASH
- m5 MADE GROUND CLAY AT DEPTH

- c1 ALLUVIUM - GRANULAR
- c2 ALLUVIUM - COHESIVE

- b5 PELAW CLAY
- b4 SILT
- b3 GLACIAL SAND
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CARBONIFEROUS BEDROCK

- a1 SANDSTONE
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STRATA HATCH KEY

- MADE GROUND
- TOPSOIL
- CLAY / CLAYEY
- SILT / SILTY
- SAND / SANDY
- GRAVEL / GRAVELLY
- SANDSTONE
- SILTSTONE
- MUDSTONE
- COAL

SECTION KEY

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I/R	DATE	DESCRIPTION
P01	2018-02-23	FIRST ISSUE

CLIENT

South Tyneside Council

Sunderland City Council

PROJECT

INTERNATIONAL ADVANCED MANUFACTURING PARK

SHEET TITLE

IAMP ONE
GEOLOGICAL SECTIONS
E-E' & F-F' (ROAD)

CONSULTANT

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One Trinity Gardens
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www.aecom.com

SHEET NUMBER

60283414-M015-ACM-L1-DR-GE_007 P01

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Project Management Initials: Designer: RPA Checked: CMC Approved: SDM ISO A0 841mm x 1189mm
Filename: F:\PROJECTS\MUNICIPAL INFRASTRUCTURE - NEPO FRAMEWORK LOT 6\60615 SCC IAMP GEOTECH ADVISOR\AUTOCAD\GE-003 TO 007 GEOLOGICAL SECTIONS2.DWG Last saved by: ADDISONRP Last Plotted: 2018-04-13
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Appendix A – Phase ONE Masterplan and Preliminary Design