

ISO A1 594mm x 841mm
 Approved: MJ
 Checked: RB
 Designer: HB
 Project Management Initials:
 Last Printed: 2017-05-25
 Last saved by: SHORTEE
 name: P:\UK\02\F\PROJECTS\HIGHWAYS - ST. ATHAN\03 EXECUTION\03 DOCUMENTS\CAD\01 WORKING\DRAWINGS\3000 - LANDSCAPE AND ECOLOGY\60509148-SHT-30-0000-CT-3001_3007_LAND_ECOLDWG
 MPT3-TM-06-046-03-Katrina@AECOM.com

- ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE CONTRACT SPECIFICATION AND THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS.
- REFER TO SITE CLEARANCE DRAWINGS 60509148-SHT-30-0000-CT-0201 TO 0208 FOR DETAILS OF VEGETATION TO BE RETAINED OR REMOVED AND TRANS-LOCATED HEDGES.
- REFER TO ARBORICULTURAL REPORT DOCUMENT 60509148-LDRP-00002 FOR DETAILS OF ALL RETAINED TREES AND TREE PROTECTION REQUIREMENTS.
- WHERE RETAINED TREES ARE LOCATED CLOSE TO A PROPOSED CUT SLOPE THEIR STABILITY AND LONG TERM VIABILITY SHOULD BE ASSESSED BY A SUITABLY QUALIFIED ARBORICULTURIST.
- REFER TO FENCING DRAWINGS 60509148-SHT-30-0000-CT-0301 TO 0308 FOR DETAILS OF HIGHWAY FENCING, WALLS AND ACOUSTIC BARRIERS.
- REFER TO EARTHWORKS DRAWINGS 60509148-SHT-30-0000-CT-0621 TO 0627.
- REFER TO ECOLOGICAL ASSESSMENT AND MITIGATION FOR DETAILS OF 'DEAD HEDGE'.
- ALL PROPOSED PLANTING AREAS ARE TO BE CULTIVATED AS PER SPECIFICATION 3004 AND APPENDIX 3014.
- WHERE EXISTING TREE CANOPY EXTEND OVER AREAS OF PROPOSED GRASS, SOIL PREPARATION WILL BE UNDERTAKEN WITH REGARD TO THE PRESENCE OF TREE ROOTS.
- FINAL LANDSCAPE MITIGATION DESIGN WILL BE SUBJECT TO AMENDMENTS TO RESPOND TO FINAL SITE CLEARANCE.
- FOR SHRUB AND INTERMITTENT TREE PLANTING AREAS THE LARGER STOCK, I.E., THOSE IDENTIFIED AS TREES WITHIN THE SCHEDULES WILL ACCOUNT FOR 20% OF THE TOTAL NUMBER OF PLANTS WITHIN EACH INDIVIDUAL PLANTING AREAS.
- WHERE AREAS OF PROPOSED SOFT LANDSCAPE TREATMENT COINCIDE WITH AREAS OF ABANDONED CARRIAGEWAY, WHERE POSSIBLE TOP SOIL AND SUB SOIL PROFILES ARE TO BE REINSTATED TO MATCH THE SURROUNDING SOIL HORIZONS, WITH THE FOLLOWING MINIMUM TOP SOIL DEPTHS
 - SEEDED AREAS - 100 mm
 - PLANTED AREAS (EXCLUDING TREES) - 300 mm
 - PLANTED AREAS (INCLUDING TREES) - 300 mm

KEY

	LE 1.1 AMENITY GRASS AREAS		LE 5.1 INDIVIDUAL TREES
	LE 1.3 SPECIES RICH GRASSLAND		PLANNING APPLICATION BOUNDARY
	LE 1.6 OPEN GRASSLAND		EXISTING TREES & SHRUBS
	LE 2.4 LINEAR TREES AND SHRUBS		PROPOSED HIGHWAY BOUNDARY FENCE LINE - SEE NOTE 5
	LE 2.4.1 LINEAR TREE AND SHRUB MIX 2		PROPOSED HIGHWAY BOUNDARY WALL - SEE NOTE 5
	LE 2.5 SHRUBS WITH INTERMITTENT TREES		PROPOSED ACOUSTIC BARRIER - SEE NOTE 5
	LE 2.6 SHRUBS		PROPOSED 'DEAD HEDGEROW' ECOLOGICAL FEATURE
	LE 4.2 NATIVE HEDGEROW		
	LE 4.2.1 TRANSLOCATED NATIVE HEDGEROW		
	LE 4.2.2 NATIVE HEDGEROW - AMENITY MIXTURE		
	LE 4.4 NATIVE HEDGEROW WITH TREES		

AECOM

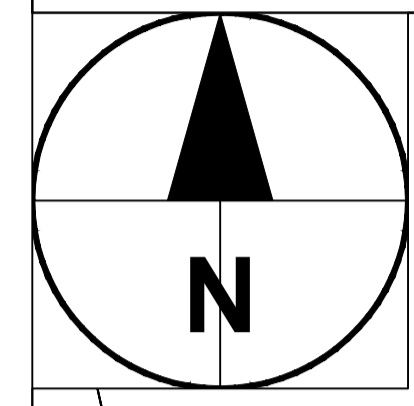
PROJECT
 ST. ATHAN
 NORTHERN
 ACCESS
 ROAD

CLIENT
 WELSH GOVERNMENT

**Llywodraeth Cymru
 Welsh Government**

CONSULTANT
 AECOM
 1 CALLAGHAN SQUARE
 CARDIFF
 CF10 5BT
 TEL: (029) 20674600
 FAX: (029) 20674699

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
 In addition to the hazards risks normally associated with the types of work detailed on this drawing, note the following specific residual risks (Reference shall also be made to the design hazard log).
 Construction
 For Hazards Refer to Document: Safety in Design - Designers Residual Hazard Register



STATUS
 PLANNING SUBMISSION ISSUE

ISSUE/REVISION

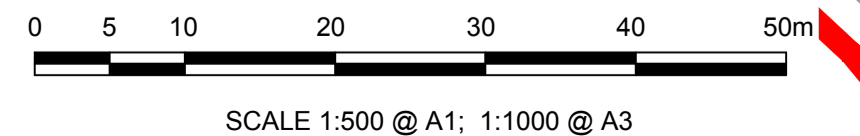
NO	DATE	DESCRIPTION
B	25-05-2017	PLANNING SUBMISSION ISSUE
A	15-03-2017	PLANNING SUBMISSION ISSUE

KEY PLAN

PROJECT NUMBER
 60509148

SHEET TITLE
 ST.ATHAN
 LANDSCAPE PROPOSALS
 SHEET 5 OF 8

SHEET NUMBER
 60509148-SHT-30-0000-CT-3005



This drawing has been prepared for the use of AECOM's client. It may not be used, modified, reproduced or relied upon by third parties, except as agreed by AECOM, or as required by law. AECOM accepts no responsibility, and denies any liability whatsoever to any party that uses, or relies on this drawing without AECOM's express written consent. Do not scale this document. All measurements must be obtained from the stated dimensions.