



Y SWYDDFA GYMREIG
Adran y Cyfarwyddwr Priffyrdd

WELSH OFFICE
Highways Directorate

A55 LLANDYGÂI I GAERGYBI A55 LLANDEGAI TO HOLYHEAD

PROJECT DYLUNIO ADEILADU CYLLIDO A GWEITHREDU DESIGN BUILD FINANCE AND OPERATE PROJECT

Atodlen 4 Gofynion Adeiladu
a Dychwelyd

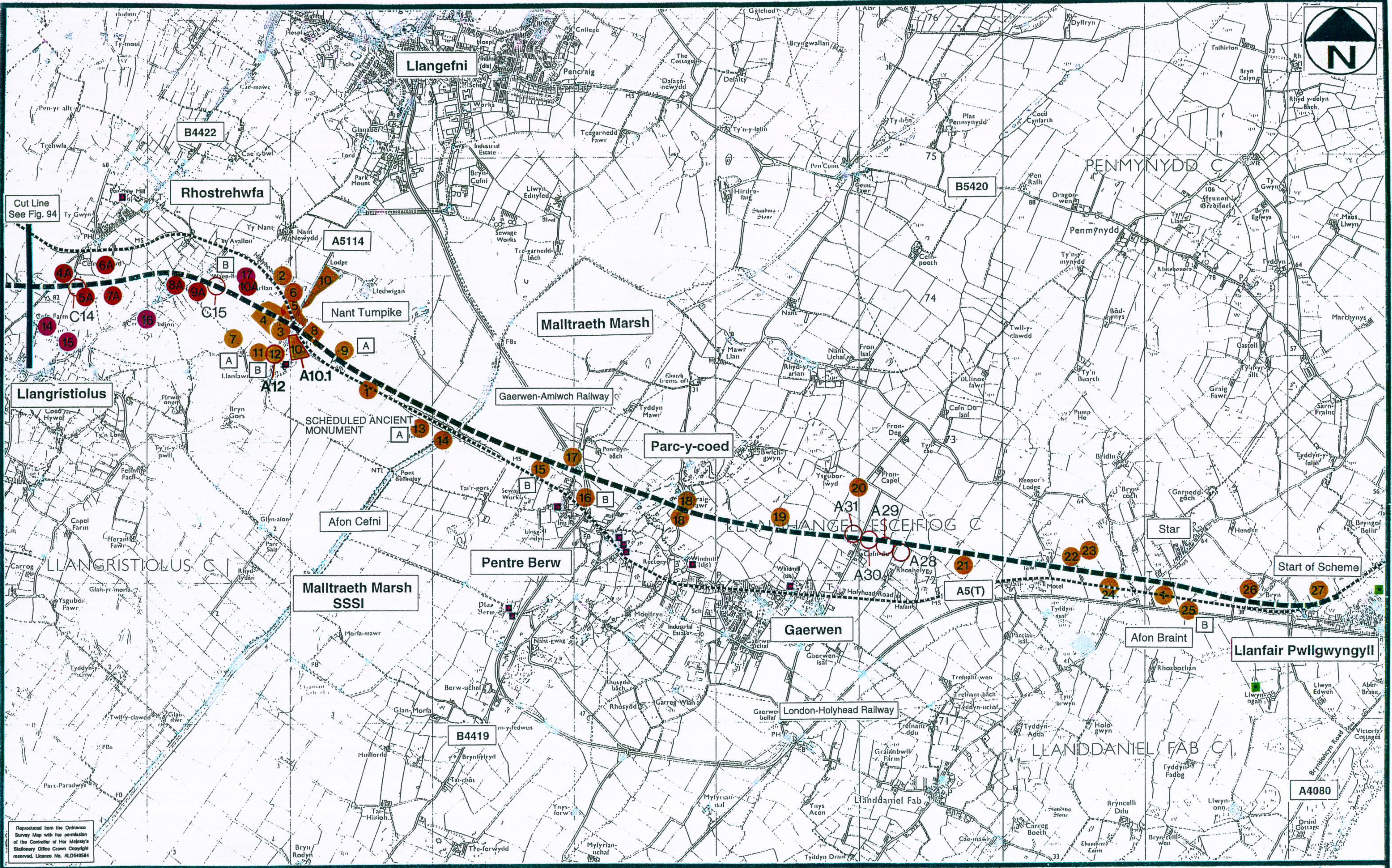
Schedule 4 Construction and
Handback Requirements

Rhan 5 Lluniadau Ffolio 3 o 6
Part 5 Drawings Folio 3 of 6

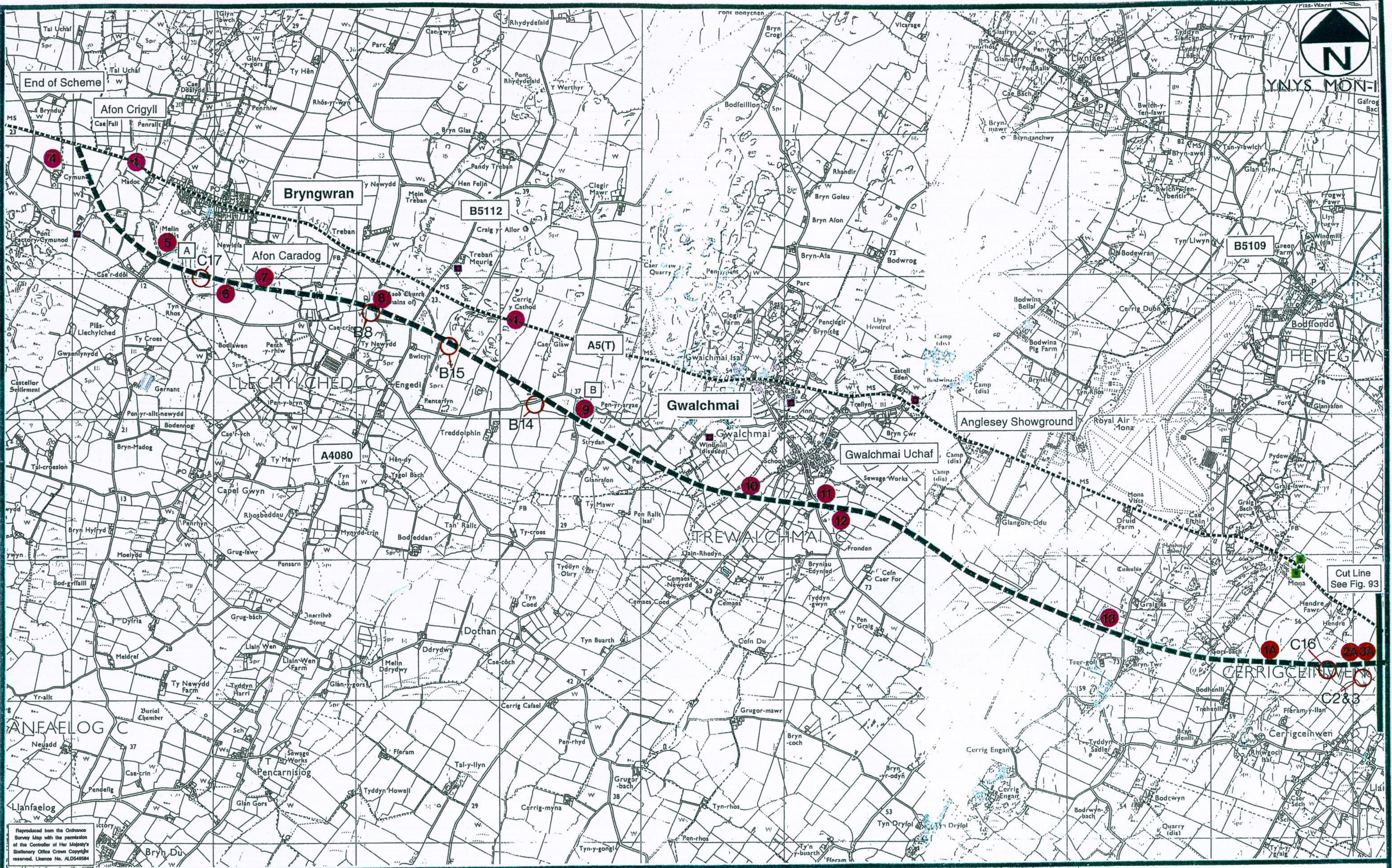
Adrannau 2, 8.2, 8.5(rhan) a 8.7
Sections 2, 8.2, 8.5(part) and 8.7

Rhagfyr 1998
December 1998

Section 2



Client Y SWYDDFA GYMREIG ADARN Y CYFARWYDDWR PRIFYRDD WELSH OFFICE HIGHWAYS DIRECTORATE Project A55 LLANFAIR PWLLGWYNGYLL TO BRYNGWRAN	KEY - LISTED BUILDINGS (Only Grades I, II, II* shown) - SEE VOLUME 21 FOR EXPLANATION OF SUFFIX - TREE PRESERVATION ORDER	SITES OF ARCHAEOLOGICAL INTEREST : - REFER TO VOLUME 21 APPENDIX 3 (Gwynedd Archaeological Trust) - REFER TO VOLUME 21 APPENDIX 4 (Gwynedd Archaeological Trust) - REFER TO VOL.21.S2 and APPENDICES 1 & 2 ADDITIONAL ARCHAEOLOGY - PROPOSED ROUTE - EXISTING A5	GIBB Development Teams, Road End Road Oldbury, Walsley, West Midlands B62 4HW Tel: 0121 544 6535 Fax: 0121 511 1235 ASH CONSULTING GROUP HERITAGE 1 1:25 000 Figure 93 Rev A
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Client Y SWYDDFA GYMREIG ADRAN Y CYFARWYDDWR PRIFYRDD WELSH OFFICE HIGHWAYS DIRECTORATE Project A55 LLANFAIR PWLLGWYNGYLL TO BRYNGWRAN	KEY ■ LISTED BUILDINGS (Only Grades I, II, II* shown) A SEE VOLUME 21 FOR EXPLANATION OF SUFFIX ■ TREE PRESERVATION ORDER	SITES OF ARCHAEOLOGICAL INTEREST : ● REFER TO VOLUME 21 APPENDIX 3 (Gwynedd Archaeological Trust) ● REFER TO VOLUME 21 APPENDIX 4 (Gwynedd Archaeological Trust) ● REFER TO VOL.21.S2 and APPENDICES 1 & 2 ADDITIONAL ARCHAEOLOGY — PROPOSED ROUTE — EXISTING A5	GIBB Development, Design, Road End Road Oldbury, Walsley, West Midlands B62 9JW Tel: 0121 644 6576 Fax: 0121 611 1235 ASH CONSULTING GROUP HERITAGE 2 1:25 000 Figure 94 Rev A
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Client  Y SWYDDFA GYMREIG WELSH OFFICE ADRAM Y CYFARWYDDWR PRIFYRDD HIGHWAYS DIRECTORATE Project A55 Bryngwran to Holyhead	KEY:- 1 Archaeological Sites ○ additional arch. sites	YMDIRIEDOLAETH ARCHAEOLEGOL GWYNEDD  GWYNEDD ARCHAEOLOGICAL TRUST WS Atkins - Wales a division of WS Atkins Consultants Limited Swansea Cardiff Colwyn Bay mm Mott MacDonald	Location of Archaeological Sites Rural Section Figure C.4.1 Rev A
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Client  Y SWYDDFA GYMREIG WELSH OFFICE ADRAN Y CYFARWYDDWR PRIFYRDD HIGHWAYS DIRECTORATE	KEY:-  Archaeological Sites  additional arch. sites	YMDDIRIEDOLAETH ARCHAEOLEGOL GWYNEDD  GWYNEDD ARCHAEOLOGICAL TRUST	WS Atkins - Wales a division of WS Atkins Consultants Limited Swansea Cardiff Colwyn Bay	Location of Archaeological Sites Rural Section
Project A55 Bryngwran to Holyhead			 Mott MacDonald	Figure C.4.2 Rev A



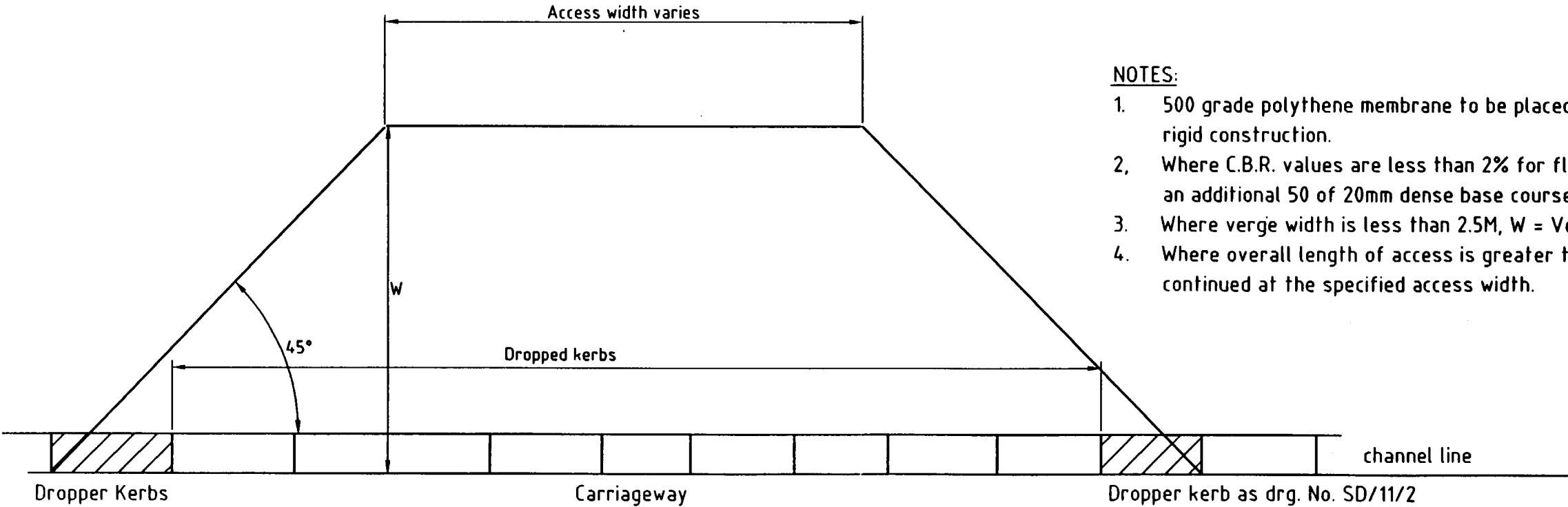
Client  Y SWYDDFA GYMREIG WELSH OFFICE ADRAN Y CYFARWYDDWR PRIFYRDD HIGHWAYS DIRECTORATE	KEY:-  Archaeological Sites  additional arch. sites	YMDDIRIEDOLAETH ARCHAEOLEGOL GWYNEDD  GWYNEDD ARCHAEOLOGICAL TRUST	WS Atkins - Wales a division of WS Atkins Consultants Limited Swansea Cardiff Colwyn Bay	Location of Archaeological Sites Rural Section
Project A55 Bryngwran to Holyhead			 Mott MacDonald	Figure C.4.2 Rev A

Section 8.2

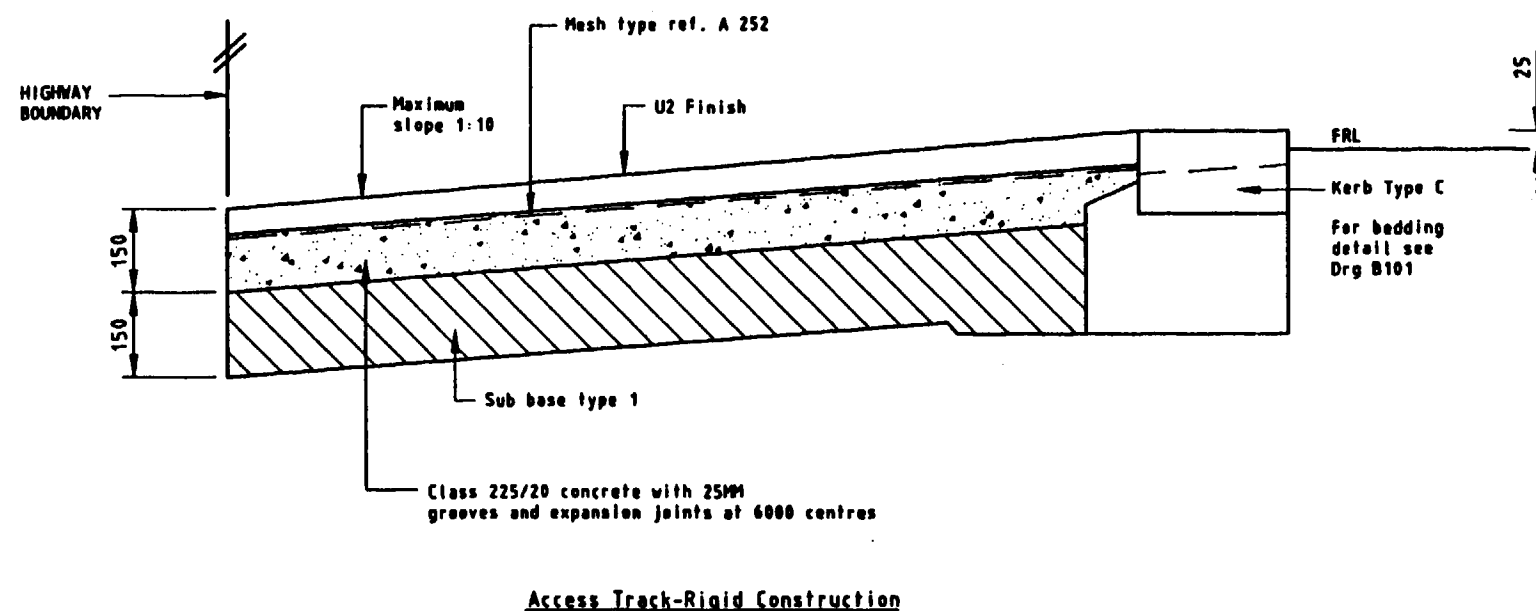
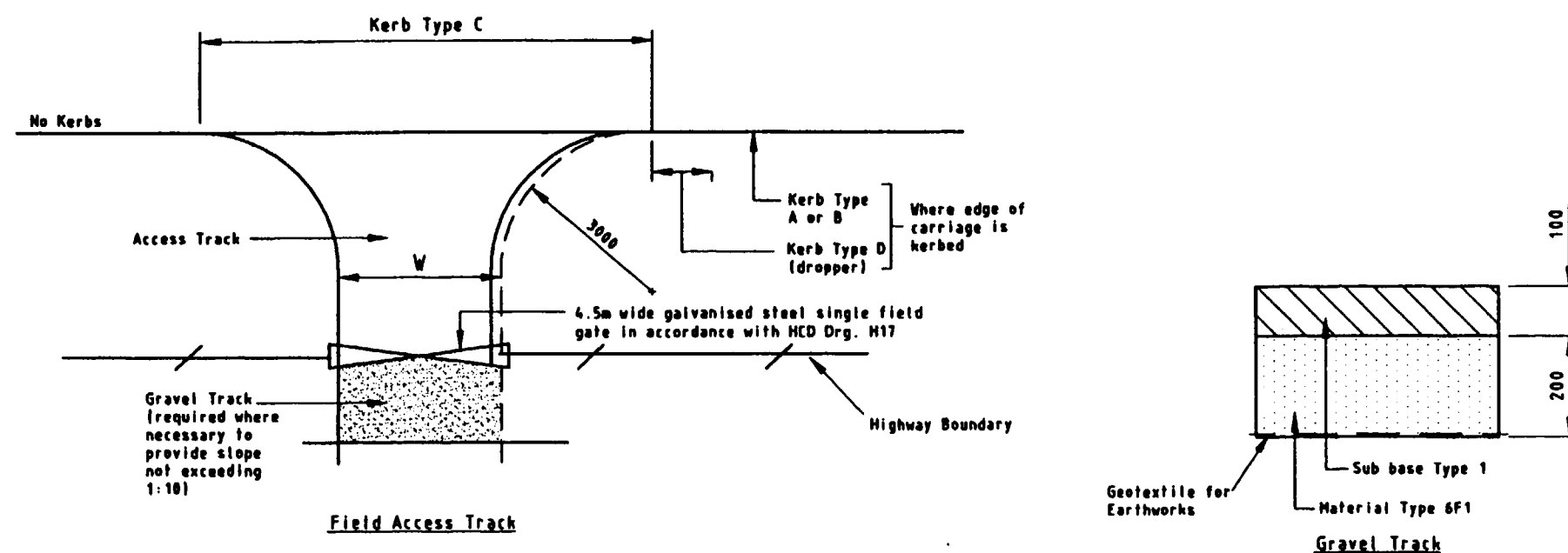
NOTES:
1. All dimensions in millimetres unless otherwise stated

Design group access type	access width	Flexible construction			rigid construction		Type of Access	W
		Sub-Base Type 1 (Clause 803)	Dense Basecourse (Clause 906)	Wearing Course (Clause 910 or 912)	sub-base Type 1 (Clause 803)	concrete (cl. 1701)		
V1	UP TO 2500	200	50mm of 20mm N.S.	25 of 6mm N.S.	75	150 of 30/20	Domestic	2.5
V2	4000	200	150mm of 20mm N.S.	25 of 6mm N.S.	150	225 of 40/20	Light Industrial	3.5
V3	5000	200	50mm of 20mm N.S.	NOT REQUIRED	75	150 of 30/20	Field-very infrequent	3.5
V4	6000 or Wider	300	200mm of 20mm N.S.	40mm of HRA W.C.	300	225 of 40/20	Heavy Industrial	×

× Each individual acces of this type will have a kerbed radius access, as detailed on the scheme plan.



- NOTES:
- 500 grade polythene membrane to be placed on top of the sub-base for rigid construction.
 - Where C.B.R. values are less than 2% for flexible construction, an additional 50 of 20mm dense base course must be used.
 - Where verge width is less than 2.5M, W = Verge Width.
 - Where overall length of access is greater than 'W' access is to be continued at the specified access width.



NOTES

1. THE ACCESS TRACK SHALL EXTEND TO THE HIGHWAY BOUNDARY AS SHOWN.
2. WHERE IT IS NECESSARY TO CONTINUE THE ACCESS TRACK PROFILE BEYOND THE HIGHWAY BOUNDARY IN ORDER TO MAINTAIN A SLOPE NOT EXCEEDING 1:10 THE ADDITIONAL CONSTRUCTION BEYOND THE HIGHWAY BOUNDARY SHALL BE GRAVEL TRACK AS DETAILED.
3. ACCESS TRACK SHALL BE RIGID CONSTRUCTION AS DETAILED OPPOSITE OR FLEXIBLE CONSTRUCTION. TYPE A.
4. TRACK WIDTH.W. SHALL BE 200mm NARROWER THAN THE GATE SIZE SPECIFIED
5. WHERE A FIELD ACCESS IS REQUIRED FROM AN EXISTING OR NEW ACCESS TRACK, THEN THE FIELD ACCESS SHALL BE OF THE SAME CONSTRUCTION TYPE AS THE ACCESS TRACK

FLEXIBLE CONSTRUCTION TYPE A.

30mm WEARING COURSE TO BS 4987 CLAUSE 7.6

60mm BASE-COURSE TO BS 4987 CLAUSE 6.1

150mm ROAD-BASE CBM3 CLAUSE 1038

150mm SUB-BASE TYPE 2 CLAUSE 804



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Highways Directorate

No.	AMENDMENT DETAILS	BY	DATE

A55 LLANDEGAI TO HOLYHEAD DBFO

STANDARD DETAILS:
FIELD ACCESS TRACK

DRAWN	DATE	SCALE	REV
CJH	FEB 98	Not To Scale	
CHECKED	DATE	DRAWING No.	
JH	2/98	964057/MI/102	
APPROVED	DATE		
	Feb 98		

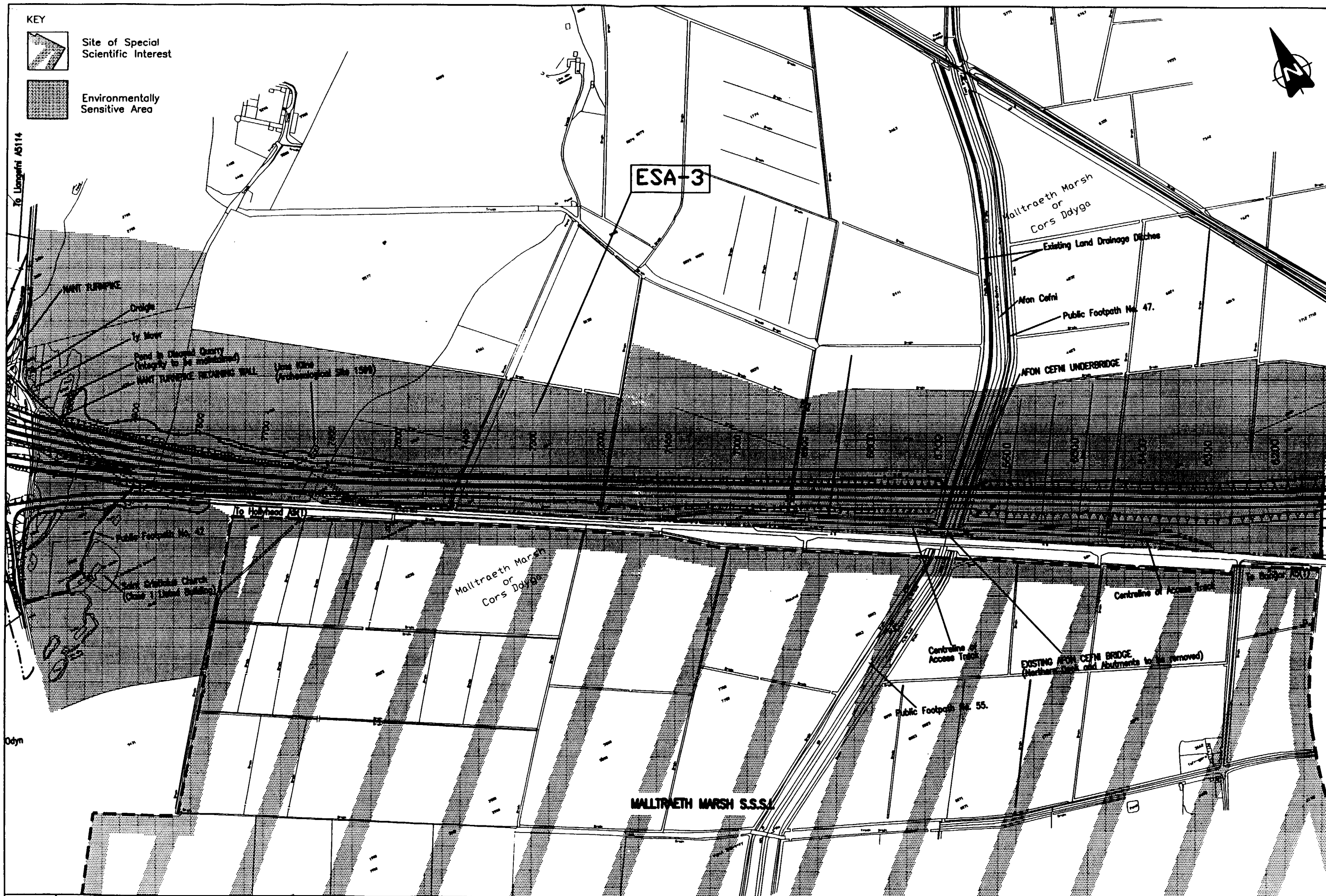
MWRB

Section 8.5 (part)

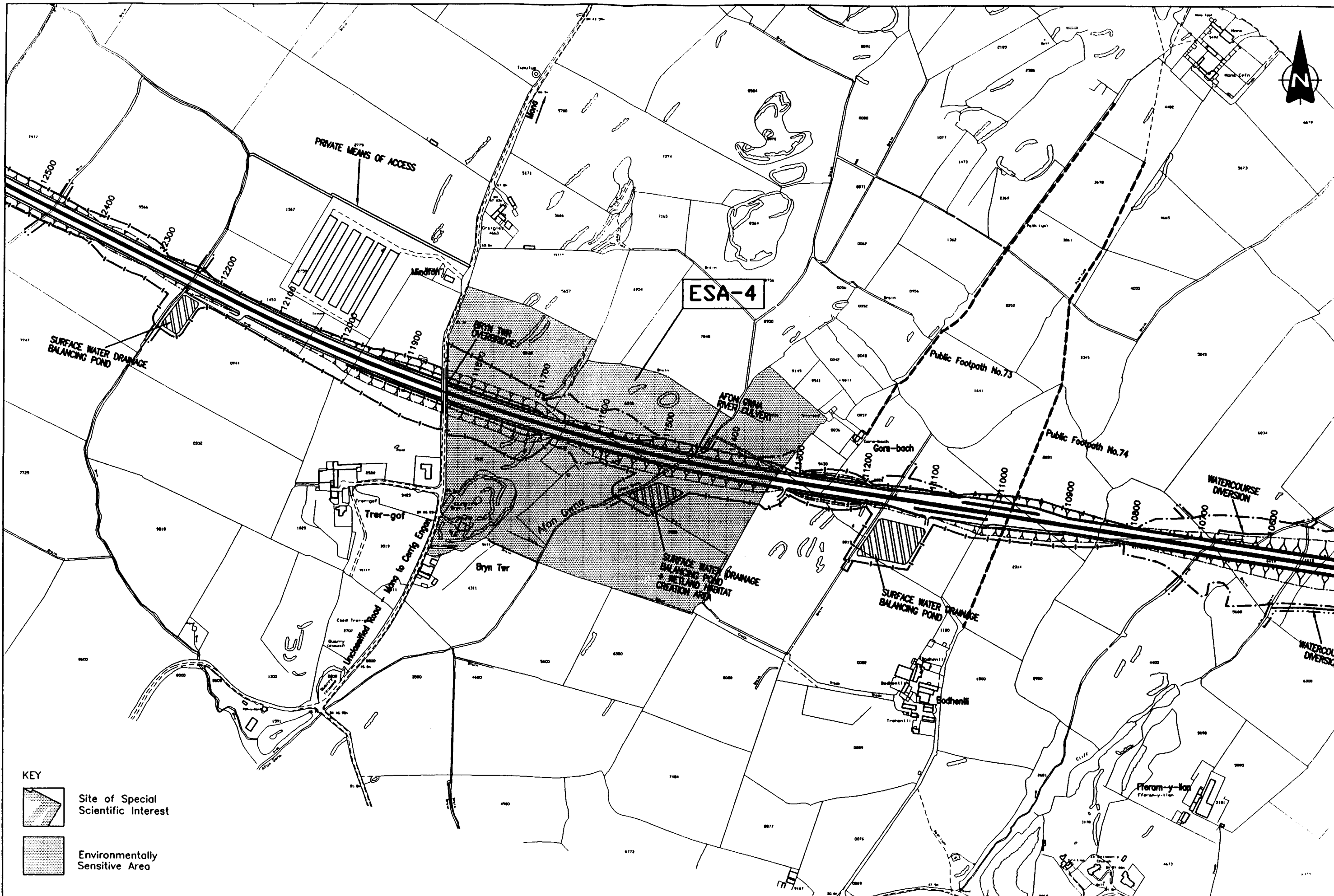
(The A2 size Section 8.5 drawing is contained in Folio 5 of 6)



Y Swyddfa Gymreig Adran y Cyfarwyddwr Prifffyrdd Welsh Office Highways Directorate			A55 LLANDEGAI TO HOLYHEAD DBFO		PLAN OF ENVIRONMENTALLY SENSITIVE AREAS PROHIBITED FOR CONTRACTORS USE		DRAWN CB	DATE JAN 98	SCALE 1:5000	REV A
							CHECKED BSK	DATE Feb 98	DRAWING No. 964057/MI/203	
							APPROVED [Signature]	DATE 2/98		
	A INITIAL ISSUE CB JAN 98		No. AMENDMENT DETAILS BY DATE							



	Y Swyddfa Gymreig																															
	Adran y Cyfarwyddwr Prifffyrdd																															
	Welsh Office																															
	Highways Directorate																															
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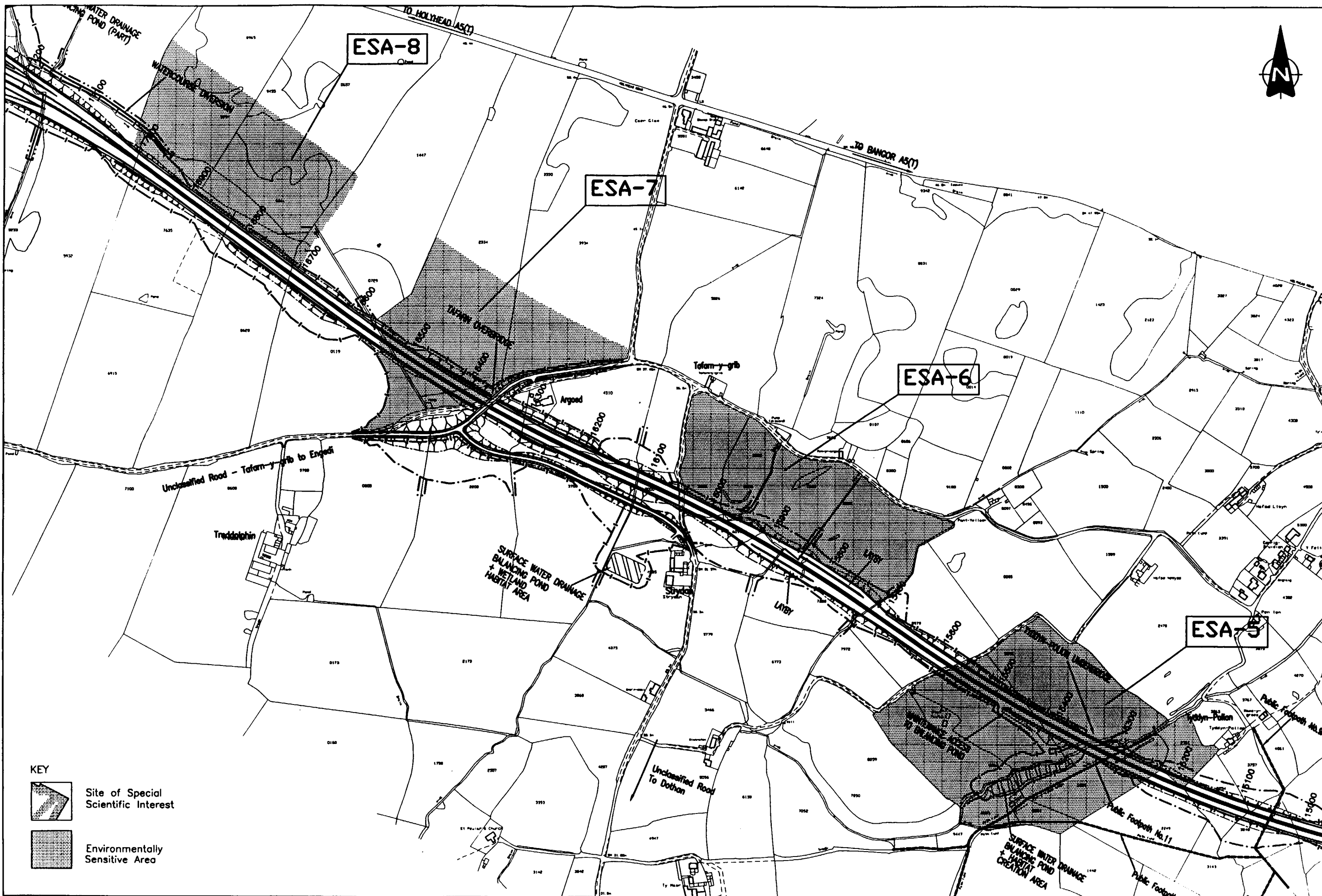


KEY

Site of Special Scientific Interest

Environmentally Sensitive Area

	Y Swyddfa Gymreig Adran y Cyfarwyddwr Prifffyrdd Welsh Office Highways Directorate		A55 LLANDEGAI TO HOLYHEAD DBFO		PLAN OF ENVIRONMENTALLY SENSITIVE AREAS PROHIBITED FOR CONTRACTORS USE		DRAWN CB CHECKED BSK APPROVED RDA	DATE JAN 98 DATE Feb 98 DATE 2/98	SCALE 1:5000 DRAWING No. 964057/MI/205	REV A



- KEY**
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 -  Environmentally Sensitive Area



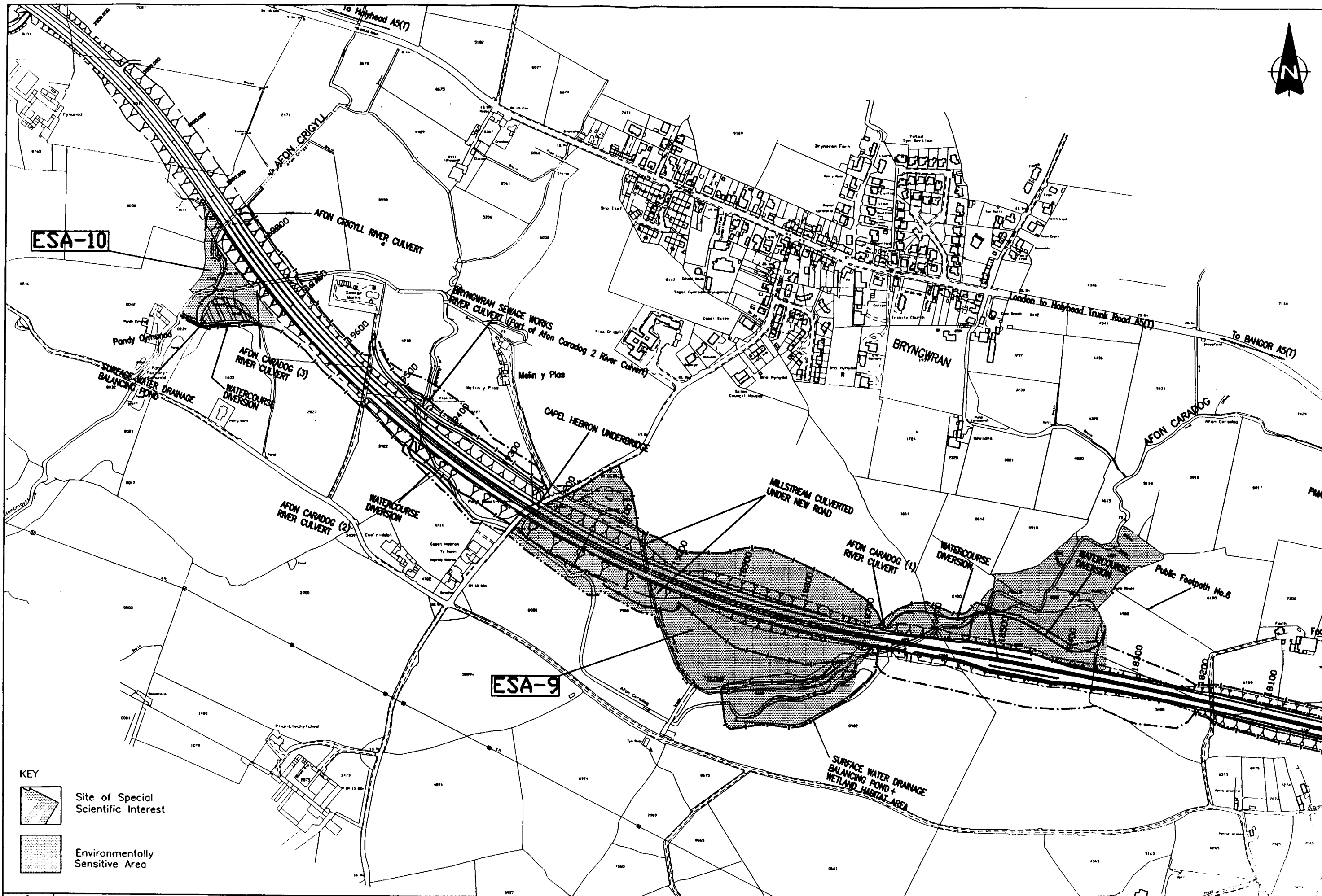
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A55 LLANDEGAI TO HOLYHEAD DBFD

PLAN OF ENVIRONMENTALLY SENSITIVE
AREAS PROHIBITED FOR CONTRACTORS USE

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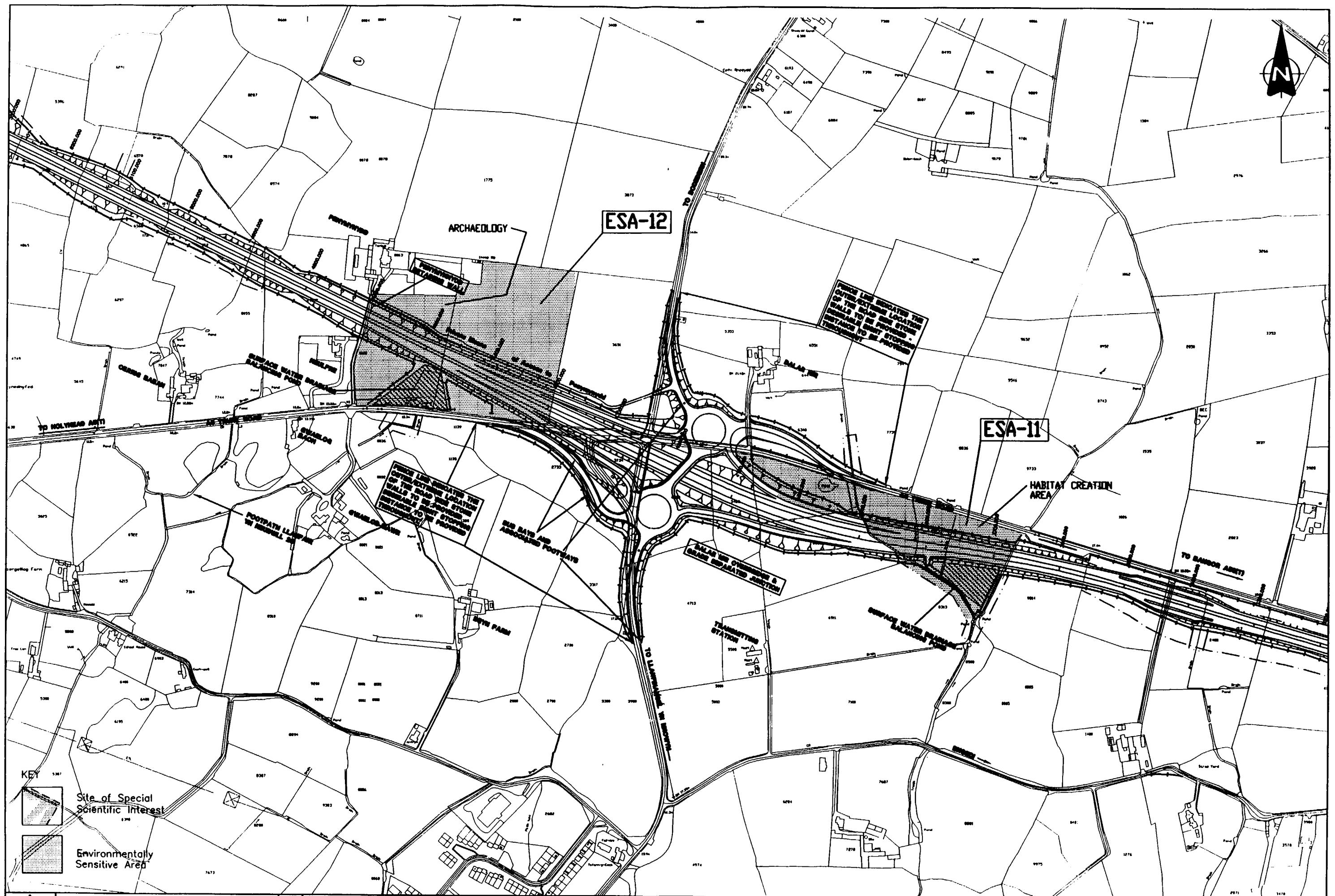
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PLAN OF ENVIRONMENTALLY SENSITIVE
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APPROVED KSA	DATE 2/98			



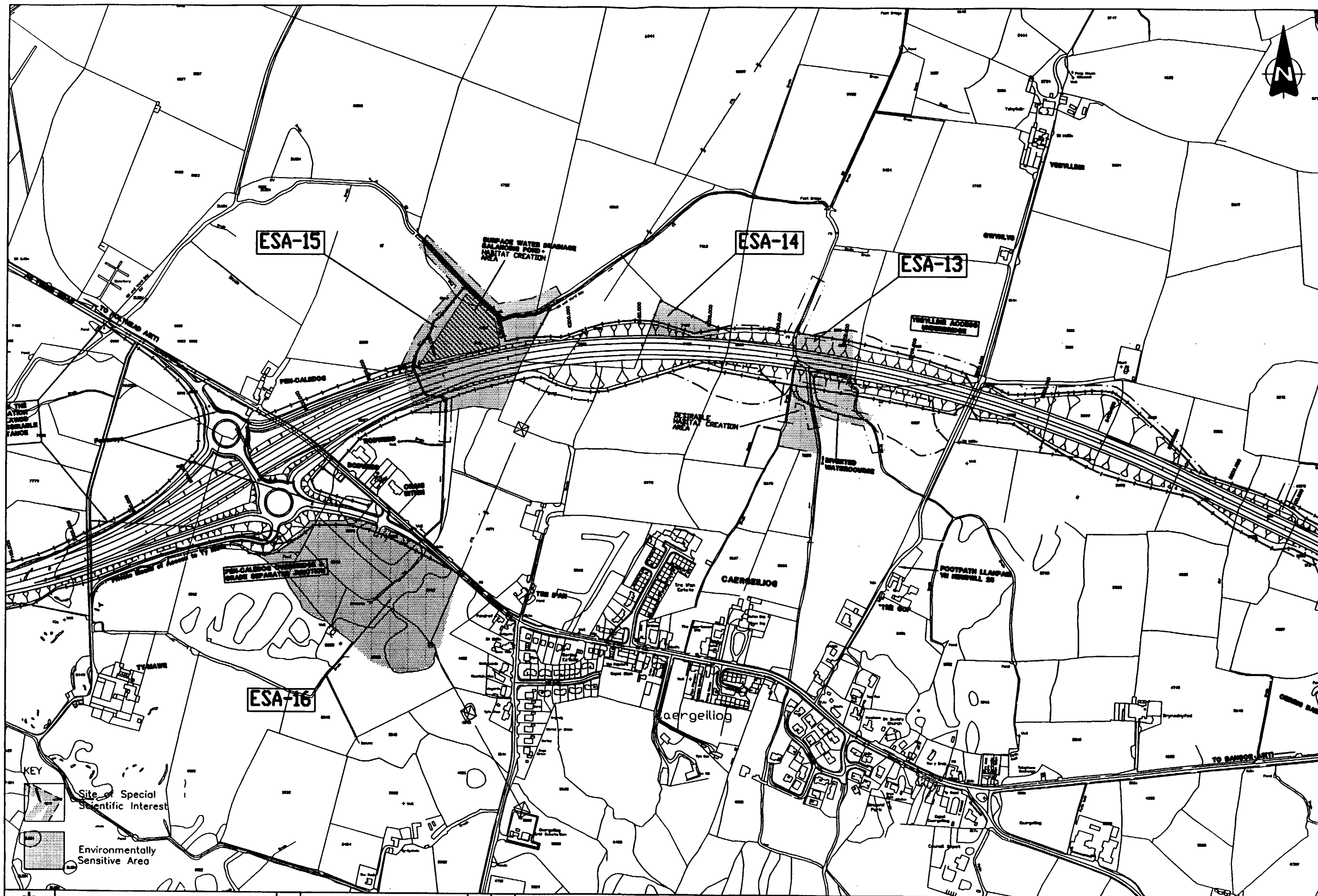
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No.	AMENDMENT DETAILS	BY	DATE

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APPROVED D.A.	DATE 2/10/98		



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									APPROVED RDA	DATE 2/98		

BEDDMANARCH- CYMRAN SSSI

INLAND SEA

ESA-19

ESA-18

ESA-17

HABITAT CREATION AREA

Dyffryn (Valley)

DYFFRYN (VALLEY)

SURFACE WATER DRAINAGE
BALANCE POND

REPLACEMENT FIELDS
OPEN SPACE

HABITAT CREATION AREAS

APON
CLIFFTOP
DRAIN

TEMPORARY RIVER
DIVERSION

CHILLAS
RAILWAY
INTERSECTION

FOOTPATH LANEWAY
AT HENWILL 23

KEY



Site of Special
Scientific Interest



Environmentally
Sensitive Area

A55 LLANDEGAI TO HOLYHEAD DBFO

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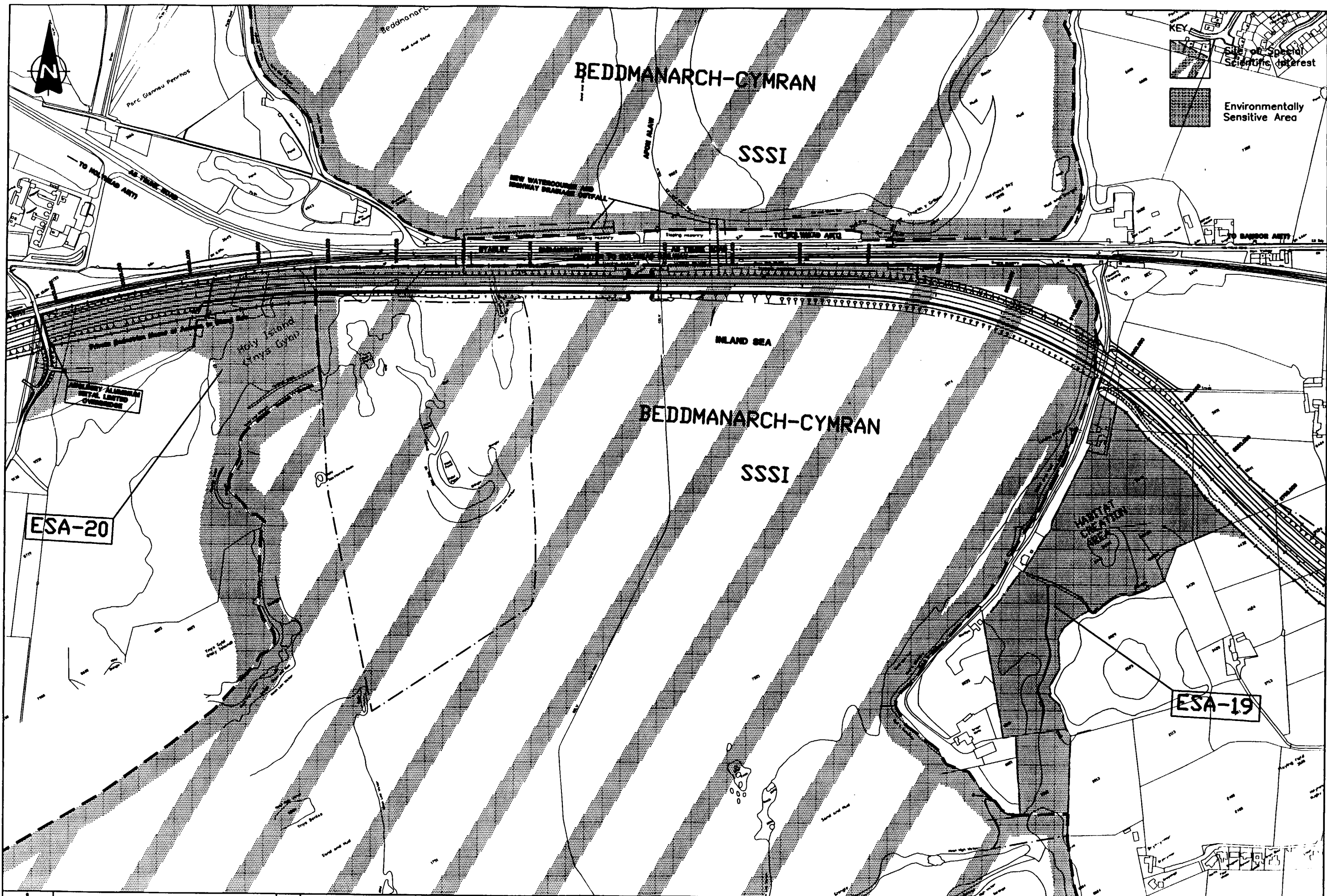
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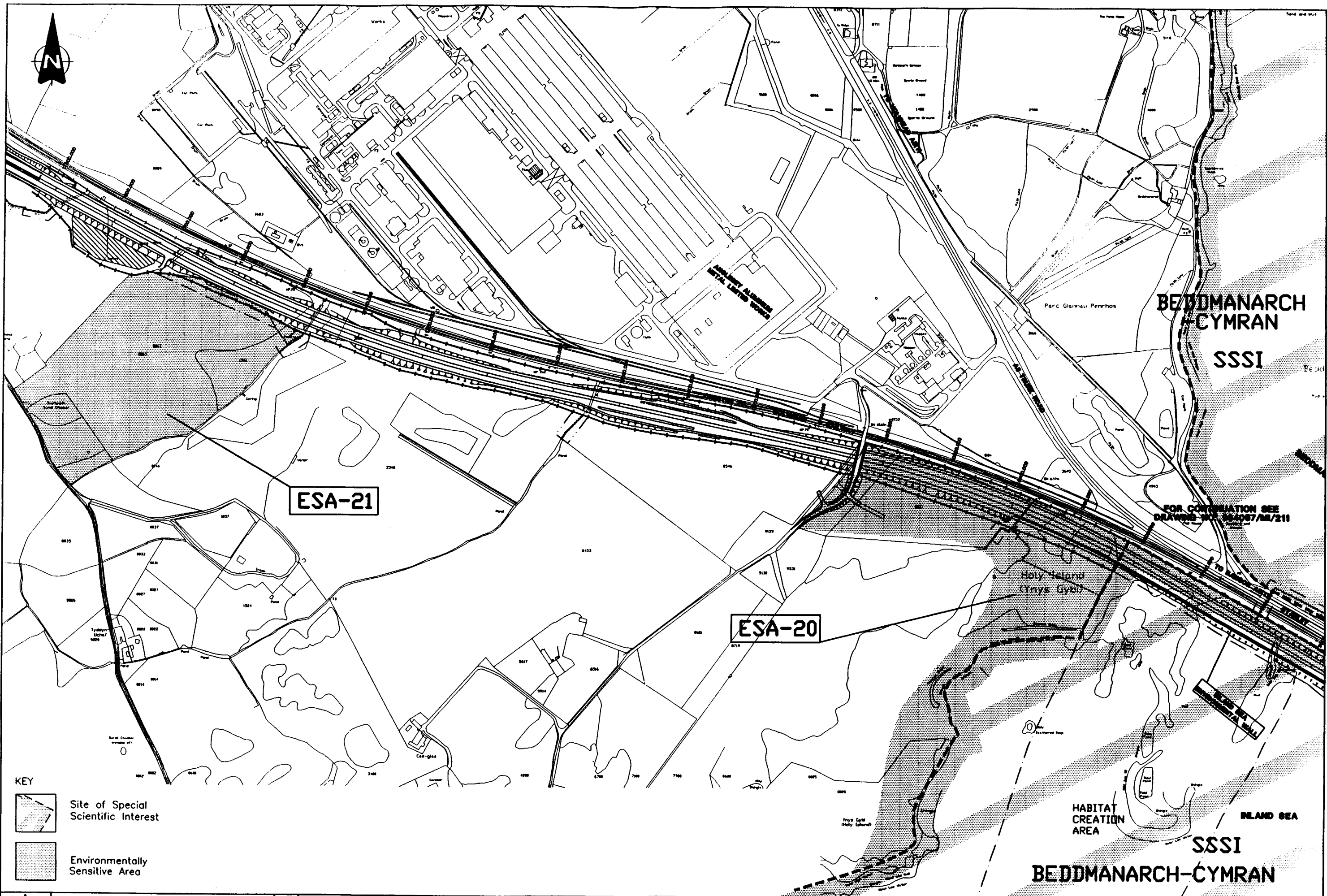


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Section 8.7