Appendix C

Constraints Maps

Legend

- County Boundary
- TAN 8 Published Boundary
- SSA A (5km Buffer)
- • Existing Turbines
- Wind Farm: Consented
- Wind Farm: Application Lodged
- Wind Farm: IPC Pre-Application Scoping
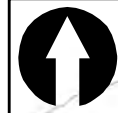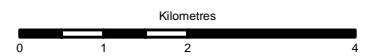- Environmental /Technical Constraint
- Lakes and Reservoirs

Conwy

Denbighshire

Gwynedd

Llys Dymper (49.9MW)

Foel Goch (21.25MW)

Brenig (50MW)

Clocaenog Forest (85MW)

Derwydd Bach (23MW)

Wern Ddu (8MW)

Nant Bach (27.5MW)

Haffoty Ucha (Phase 1,2, and 3) (3.15MW)

D1	2009-12-08	DP	DP	SP
Issue	Date	By	Chkd	Appd

Kilometres
0   1   2   4

ARUP

4 Pierhead Street
Captial Waterside, Cardiff, Cf10 4QP

Llywodraeth Cynulliad Cymru
Welsh Assembly Government

Client
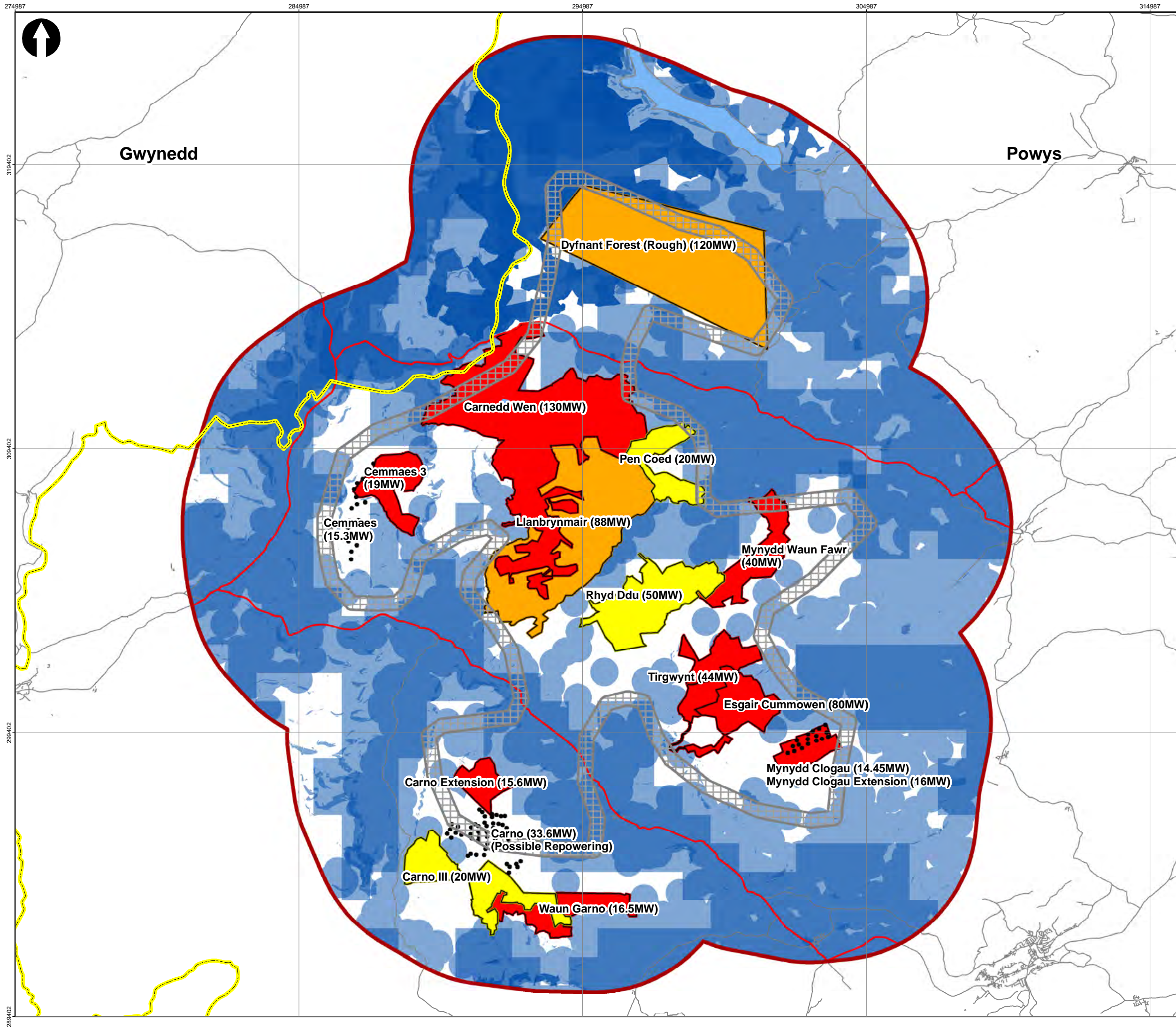**Welsh Assembly Government Planning Division**

Job Title
SSA Reassessment and Validation

Drawing Title
Strategic Search Area A - Technical and Environmental Constraints

Scale at A3
1:90,000

Drawing Status
Issue

Job No	Drawing No	Issue
211049-00	**C1**	**1**

Strategic Search Area B - Technical and Environmental Constraints

Legend

- County Boundary
- SSA B (5km Buffer)
- TAN 8 Published Boundary
- • Existing Turbines
- Wind farm: Application Lodged
- Wind farm: IPC Pre-Application Scoping
- Wind farm: LA Pre-Application Scoping
- Environmental/Technical Constraint

Gwynedd

Powys

Dyfnant Forest (Rough) (120MW)

Carnedd Wen (130MW)

Pen Coed (20MW)

Cemmaes 3 (19MW)

Cemmaes (15.3MW)

Llanbrynmair (88MW)

Mynydd Waun Fawr (40MW)

Rhyd Ddu (50MW)

Tirgwynt (44MW)

Esgair Cummowen (80MW)

Mynydd Clogau (14.45MW)
Mynydd Clogau Extension (16MW)

Carno Extension (15.6MW)

Carno (33.6MW)
(Possible Repowering)

Carno III (20MW)

Waun Garno (16.5MW)

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Issue	Date	By	Chkd		Appd

Kilometres

0   1.5   3   6

ARUP

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Llywodraeth Cynulliad Cymru
Welsh Assembly Government

Client
**Welsh Assembly Government
Strategic Planning**

Job Title
SSA Reassessment and Validation

Drawing Title
Strategic Search Area B - Technical and Environmental Constraints

Scale at A3
1:125,000

Drawing Status
Issue

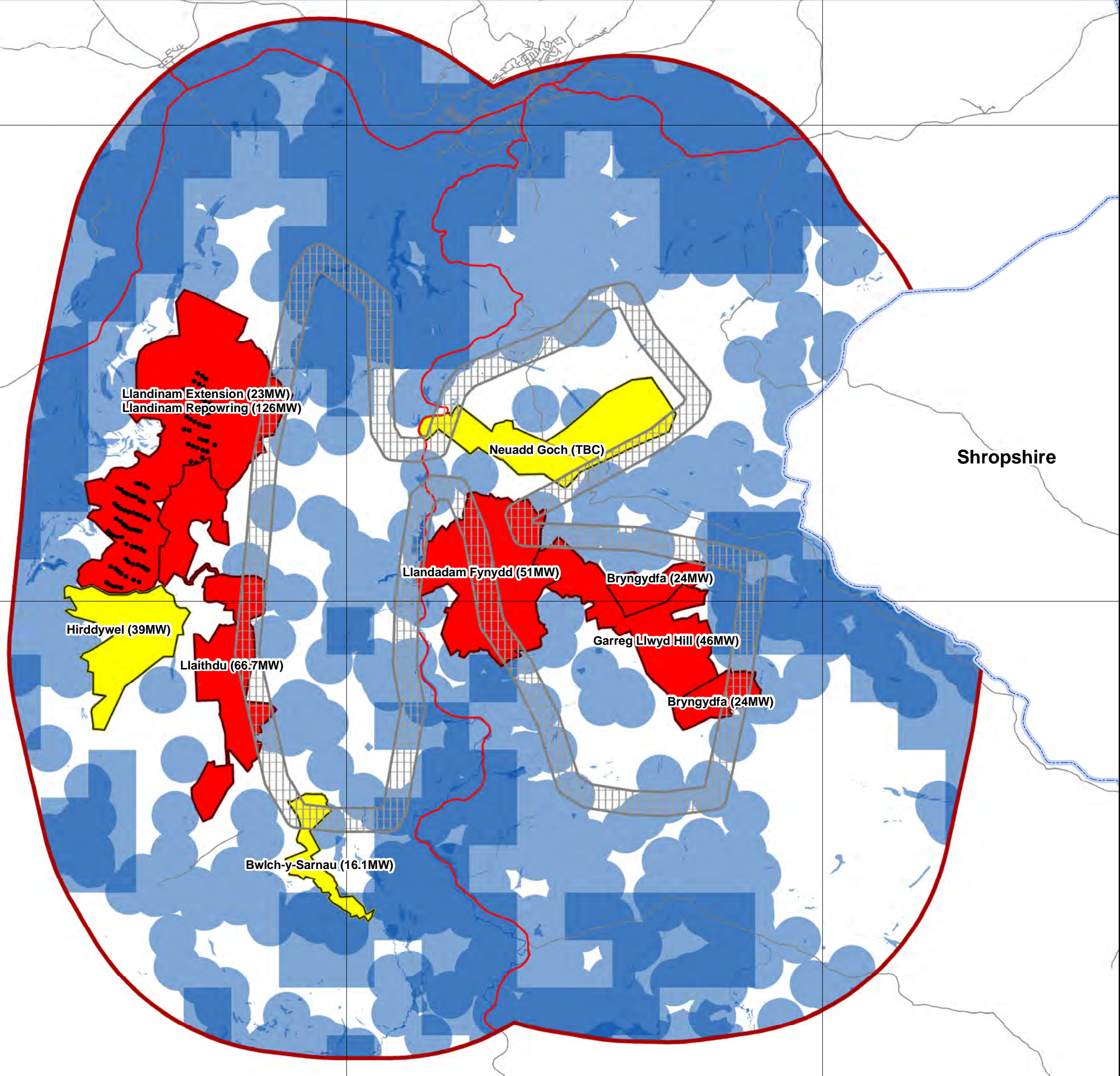| Job No	Drawing No	Issue
211049-00	**C2**	**1**

Legend

- National Boundary
- SSA C (5km Buffer)
- National TAN 8 Boundary
- • Existing Turbines
- Wind farm: Application Lodged
- Wind farm: Pre-Application Scoping
- Environmental/Technical Constraint

Shropshire

Llandinam Extension (23MW)
Llandinam Repowring (126MW)

Neuadd Goch (TBC)

Llandadam Fynydd (51MW)

Bryngydfa (24MW)

Hirddywel (39MW)

Garreg Llwyd Hill (46MW)

Llaithdu (66.7MW)

Bryngydfa (24MW)

Bwlch-y-Sarnau (16.1MW)

296922   306922   316922

290625

280625

270625

D1	2009-12-08	DP	DP	SP
Issue	Date	By	Chkd	Appd

Kilometres

0   1   2   4

ARUP

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Welsh Assembly Government

Client

**Welsh Assembly Government
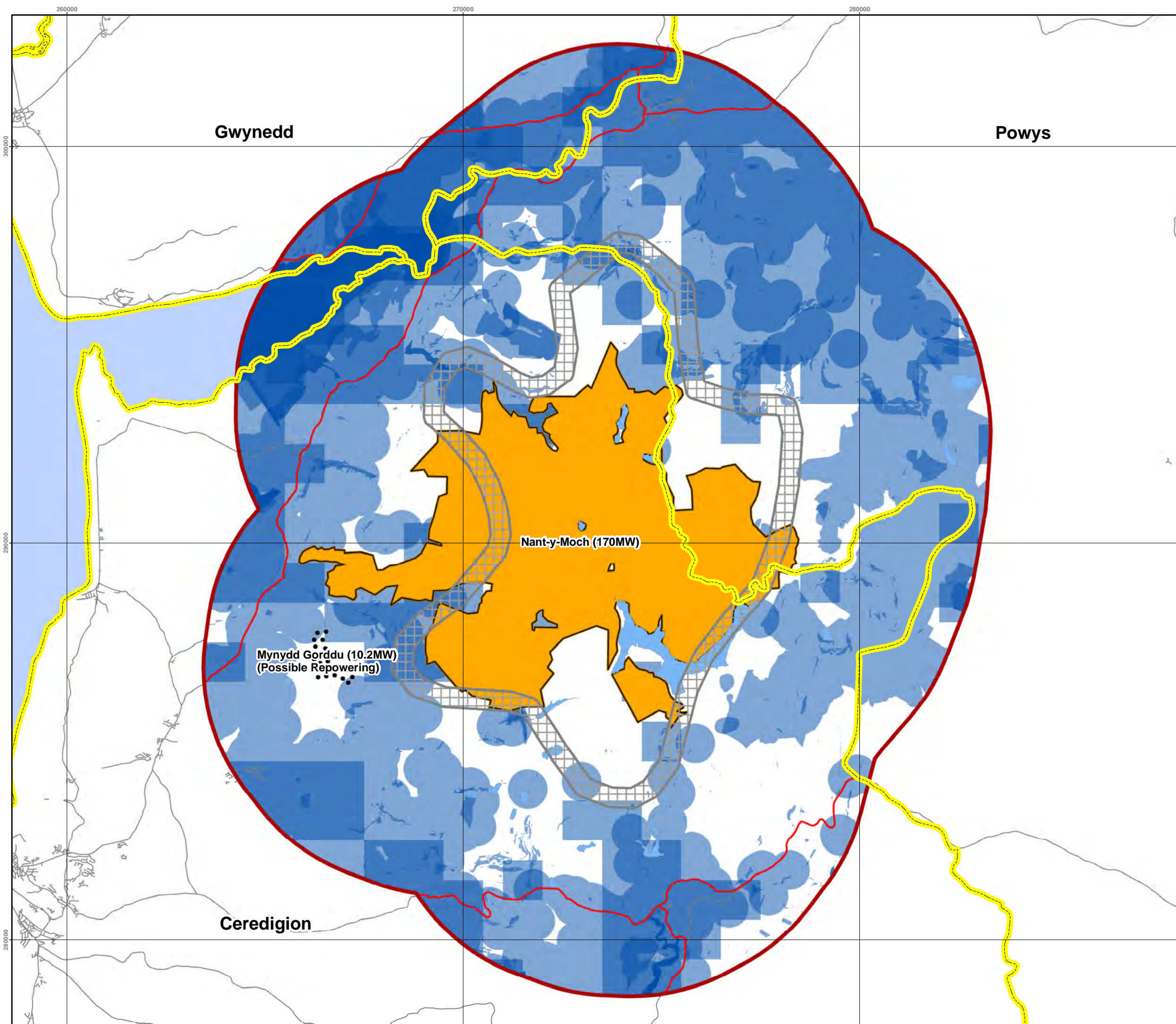Planning Division**

Job Title

SSA Reassessment and Validation

Drawing Title

**Strategic Search Area C - Technical and
Environmental Constraints**

Scale at A3
1:80,000

Drawing Status
Issue

Job No	Drawing No	Issue
211049-00	**C3**	**1**

Legend

- Local AUthority Boundary
- National TAN 8 Boundary
- SSA D (5km Buffer)
- Existing Turbines
- Wind farm: IPC Pre-Application Scoping
- Environmental / Technical Constraints
- Lakes and Reservoirs

Gwynedd

Powys

Nant-y-Moch (170MW)

Mynydd Gorddu (10.2MW)
(Possible Repowering)

Ceredigion

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D1	2009-12-08	DP	DP	SP
Issue	Date	By	Chkd	Appd

Kilometres

| 0 | 1 | 2 | 4 |

ARUP

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Welsh Assembly Government

Client

Welsh Assembly Government Planning Division

Job Title

SSA Reassessment and Validation

Drawing Title

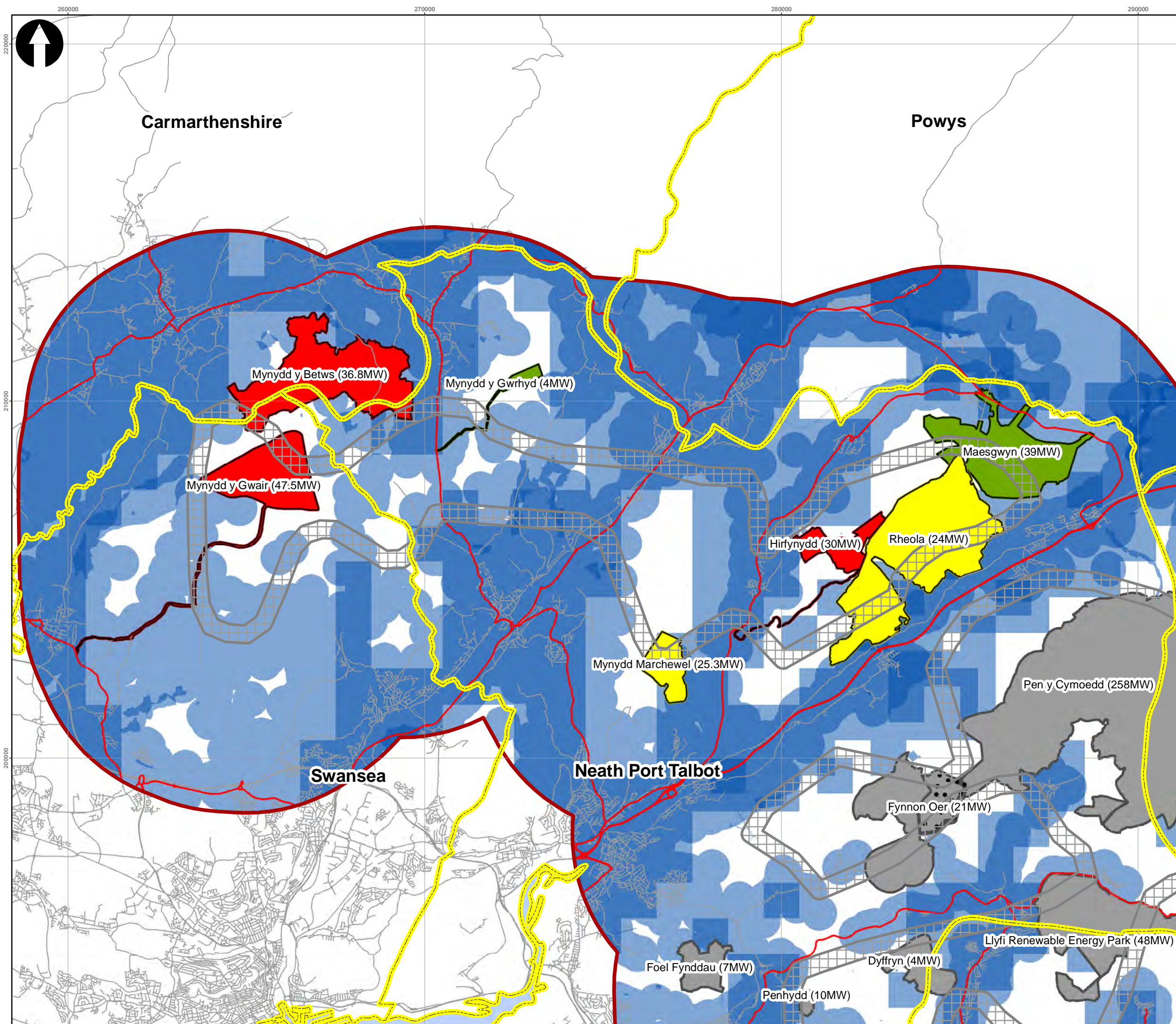**Strategic Search Area D - Technical and Environmental Constraints**

Scale at A3

1:90,000

Drawing Status

Issue

Job No	Drawing No	Issue
211049-00	**C4**	**1**

Strategic Search Area E - Technical and Environmental Constraints

Legend

- Local Authority Boundary
- TAN 8 Published Boundary
- SSA E and F (5km Buffer)
- Existing Turbines (SSA F)
- Wind farm: Application Lodged
- Wind farm: Consented
- Wind farm: Pre-application Scoping
- Environmental/Technical Constraints

Carmarthenshire

Powys

Mynydd y Betws (36.8MW)

Mynydd y Gwrhyd (4MW)

Maesgwyn (39MW)

Mynydd y Gwair (47.5MW)

Hirfynydd (30MW)

Rheola (24MW)

Mynydd Marchewel (25.3MW)

Pen y Cymoedd (258MW)

Swansea

Neath Port Talbot

Fynnon Oer (21MW)

Foel Fynddau (7MW)

Dyffryn (4MW)

Llyfi Renewable Energy Park (48MW)

Penhydd (10MW)

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D1	2010-01-21	DP	DP	SP
Issue	Date	By	Chkd	Appd

Kilometres

0   1.25   2.5   5

ARUP

4 Pierhead Street
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Llywodraeth Cynulliad Cymru
Welsh Assembly Government

Client

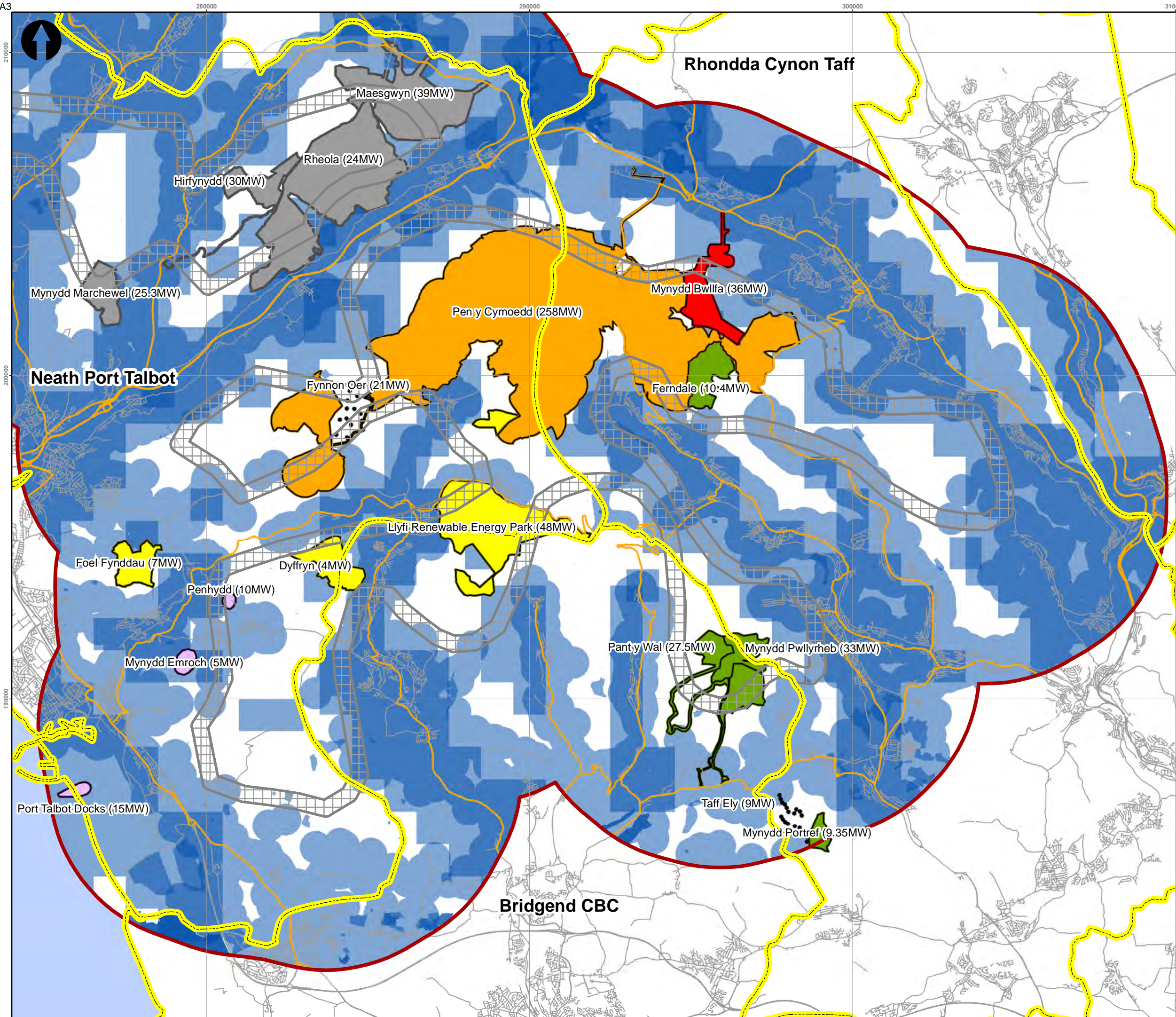**Welsh Assembly Government
Planning Division**

Job Title

SSA Reassessment and Validation

Drawing Title

**Strategic Search Area E - Technical and
Environmental Constraints**

Scale at A3

1:100,000

Drawing Status

Issue

Job No	Drawing No	Issue
211049-00	**C5**	**1**

Strategic Search Area F - Technical and Environmental Constraints

A3

Rhondda Cynon Taff

Neath Port Talbot

Bridgend CBC

Maesgwyn (39MW)
Rheola (24MW)
Hirfynydd (30MW)
Mynydd Marchewel (25.3MW)
Pen y Cymoedd (258MW)
Mynydd Bwllfa (36MW)
Fynnon Oer (21MW)
Ferndale (10.4MW)
Llyfi Renewable Energy Park (48MW)
Foel Fynddau (7MW)
Dyffryn (4MW)
Penhydd (10MW)
Pant y Wal (27.5MW)
Mynydd Pwllyrheb (33MW)
Mynydd Emroch (5MW)
Port Talbot Docks (15MW)
Taff Ely (9MW)
Mynydd Portref (9.35MW)

Legend

- - - County Boundary
- TAN 8 Published Boundary
- • Existing Turbines (SSA F)

SSA F Development Boundaries ALL
- Wind farm: Consented
- Wind farm: Application Lodged
- Wind farm: IPC Pre-Application Scoping
- Wind farm: Pre-Application Scoping
- Wind farm: Pre-Application Ad-Hoc
- Environmental/Technical Constraints

D1	2009-12-10	DP	DP	SP
Issue	Date	By	Chkd	Appd

Kilometres

0   1.25   2.5   5

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Llywodraeth Cynulliad Cymru
Welsh Assembly Government

Client
Welsh Assembly Government Planning Division

Job Title
SSA Reassessment and Validation

Drawing Title
Strategic Search Area F - Technical and Environmental Constraints

Scale at A3
1:110,000

Drawing Status
Issue

Job No	Drawing No	Issue
211049-00	**C6**	**1**

239652 249652 259652

Ceredigion

244061

Mynydd Pencarreg
(10MW)

234061

Bryn Llywelyn (80.5MW)

Alltwalis (30MW)   Brechfa Forest (97.5MW)

224061

Carmarthenshire

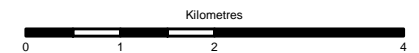**Legend**

Local Authority Boundary

National TAN 8 Boundary

• Existing Turbines

Wind farm: IPC Pre-Application Scoping

Environmental / Technical Constraints

D1	2010-01-21	DP	DP	DP
Issue	Date	By	Chkd	Appd

Kilometres

0   1   2   4

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**Welsh Assembly Government
Planning Division**

Job Title

SSA Reassessment and Validation

Drawing Title

**Strategic Search Area G - Technical and
Environmental Constraints**

Scale at A3

1:80,000

Drawing Status

Issue

Job No	Drawing No	Issue
211049-00	**C7**	**1**