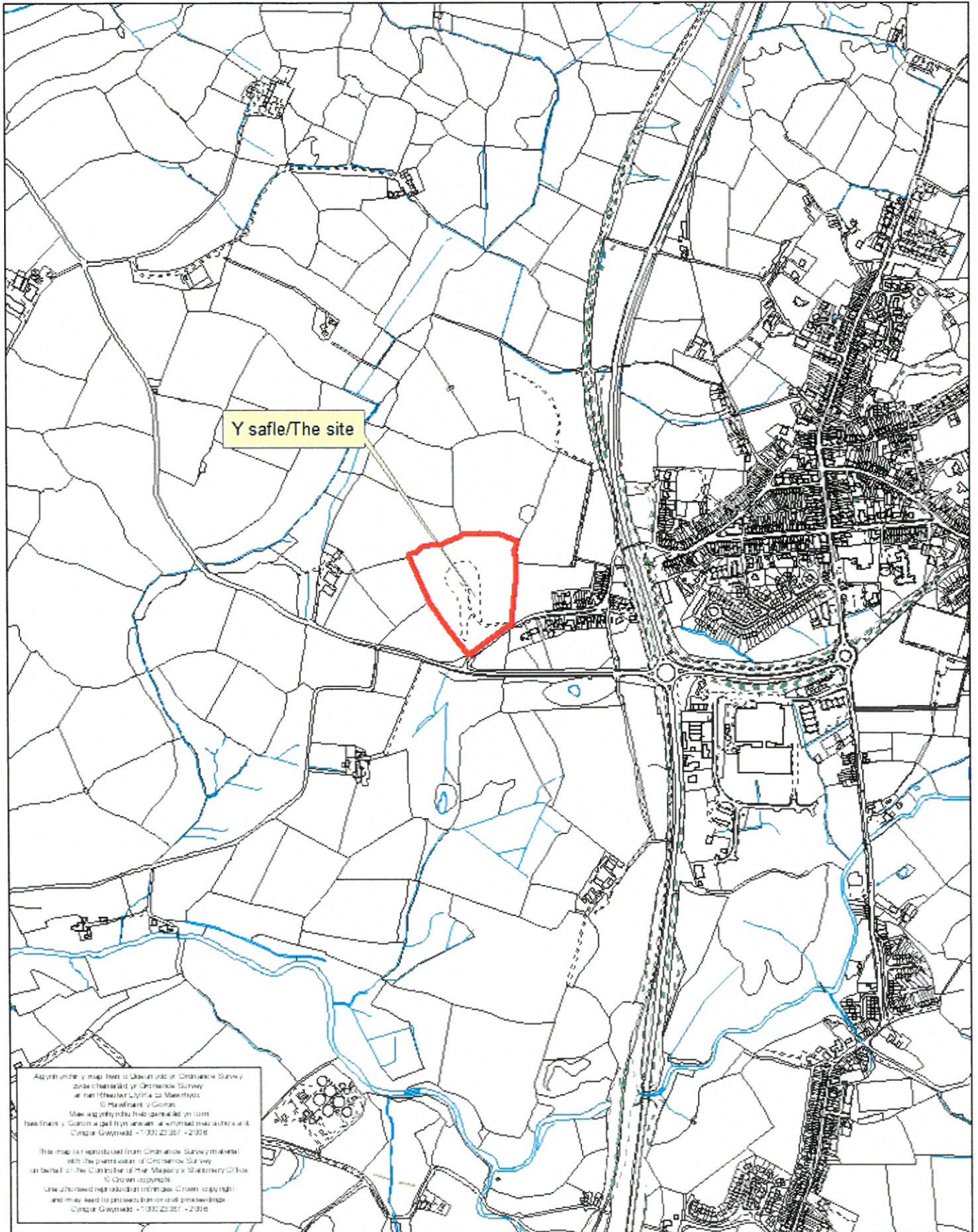


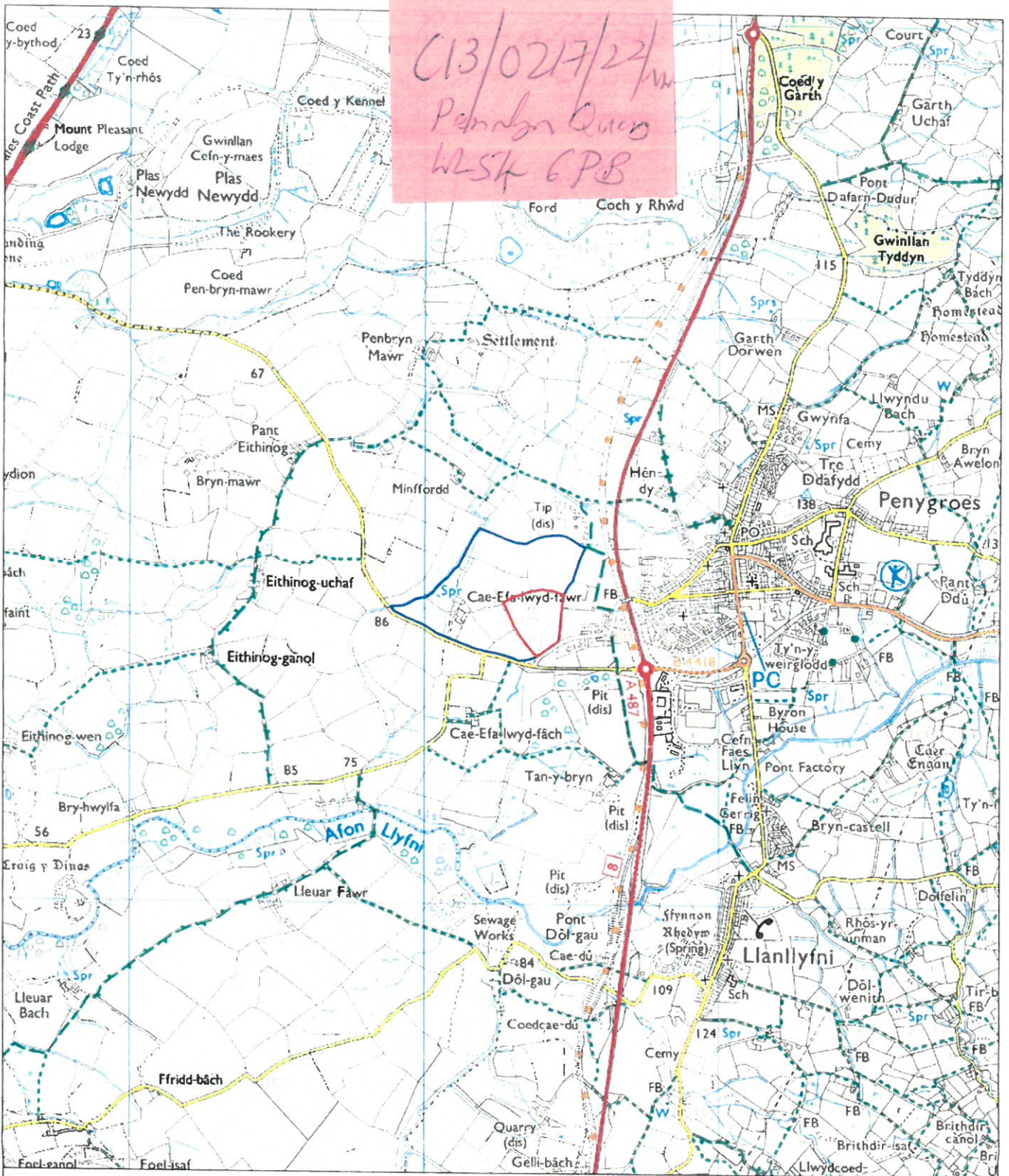


Rhif y Cais / Application Number : C13/0217/22/MW

Cynllun lleoliad ar gyfer adnabod y safle yn unig. Dim i raddfa.
Location Plan for identification purposes only. Not to scale.



C13/0217/22/W
 Pen-y-bryn Quarry
 WLSK GPB



Legend

- Application Boundary
- Land under the Control of the Applicant

REV	AMD	NOTES	DATE



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 SHROPSHIRE TF8 7NH
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 www.pleydellsmithyman.co.uk



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DRAWING STATUS

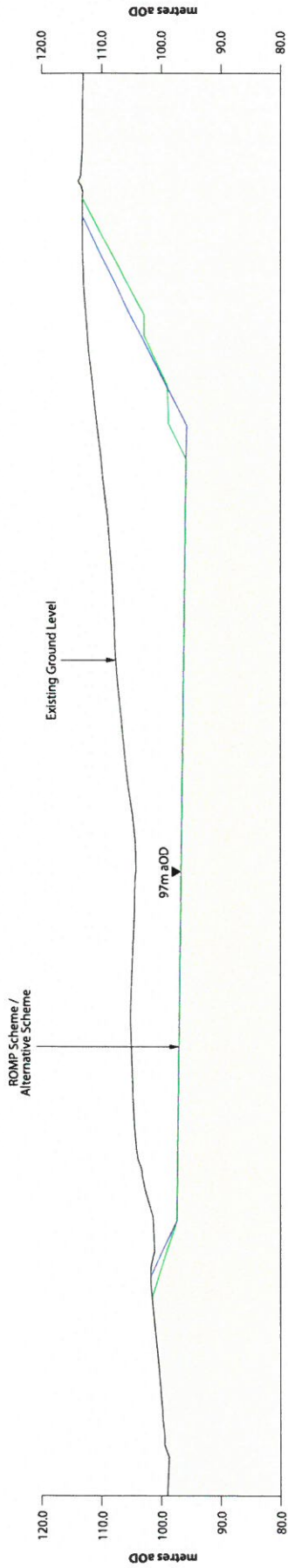
FINAL

PROJECT
 Pen-y-bryn Quarry

CLIENT
 Ellesmere Sand & Gravel

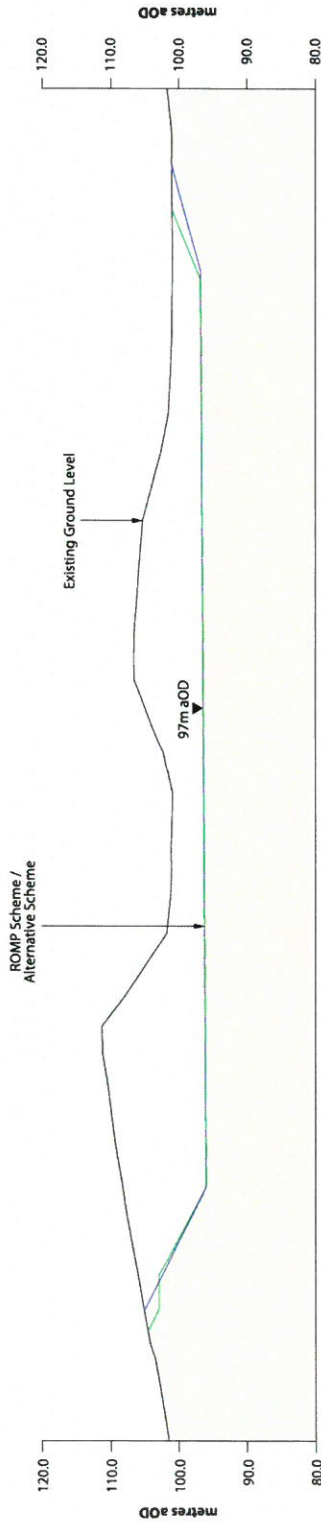
TITLE
 Location Plan

DATE April 2017	SCALE 1:12,500 @A3
DRAWN RGD	CHECKED RJS
DRAW NO. M09.162(a)_30	REVISION



Section A-A'

Scale 1:750



Section B-B'

Scale 1:750

Legend

- Existing Ground Level
- Alternative Scheme
- ROMP Scheme
- Undisturbed Ground

REV	AMD	NOTES	DATE

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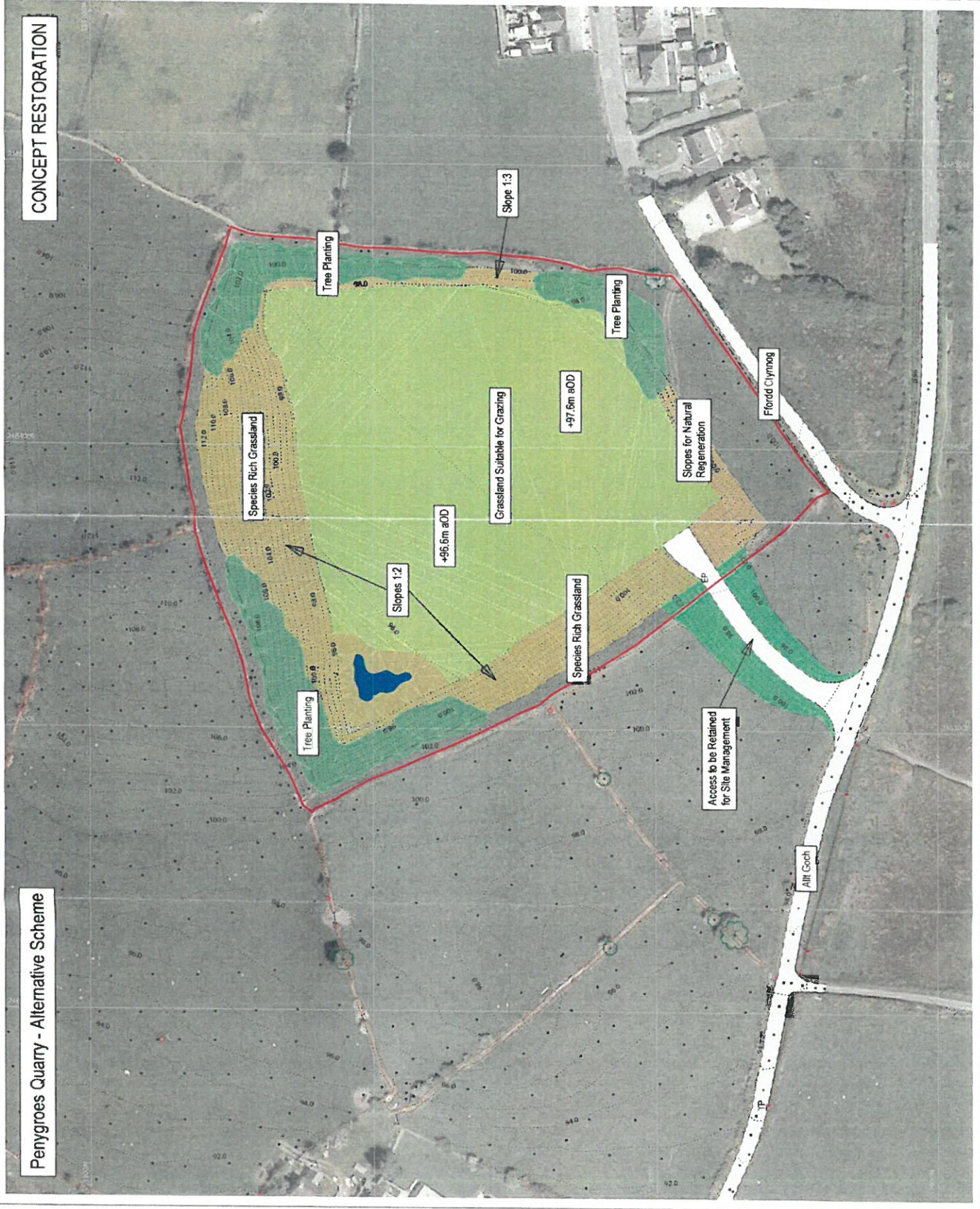
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DRAWING STATUS	FINAL
PROJECT	Penygroes Quarry
CLIENT	Tudor Griffiths Group
TITLE	Cross Sections
DATE	July 2017
SCALE	1:750 @A3
DRAWN	LMB
CHECKED	RP
DRAW NO.	M09162A.037

CONCEPT RESTORATION

Penygroes Quarry - Alternative Scheme

- KEY**
- Planning Application Boundary
 - Woodland Thinning
 - Slopes of Species Rich Grassland
 - Grassland Suitable for Grazing
 - Slopes of Natural Regeneration
 - Ephemeral Water Body



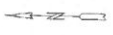
Playdell Smithyman
 Playdell Smithyman Limited
 200, The Victoria Company
 100, Victoria Road
 Douglas, IM2 2BA
 Tel: 01253 414111
 Fax: 01253 414112
 Email: enquiries@psl.co.uk

PENYGROES QUARRY	
ALTERNATIVE SCHEME	
CONCEPT RESTORATION	
Site Name / Land To Cover / The	Penygroes Quarry
Drawn By	AP/MS/2017
Scale	1:1250
Drawing No.	Penygroes Quarry
Revision No.	Rev 001/2017

Penygroes Quarry - Alternative Scheme

Phase 1

- KEY**
- Planning Application Boundary
 - Soil Stripping Area
 - Base Of Extraction
 - Batter Slope (1:2 Slope)
 - Access Road
 - Soil Storage and Screening Burah



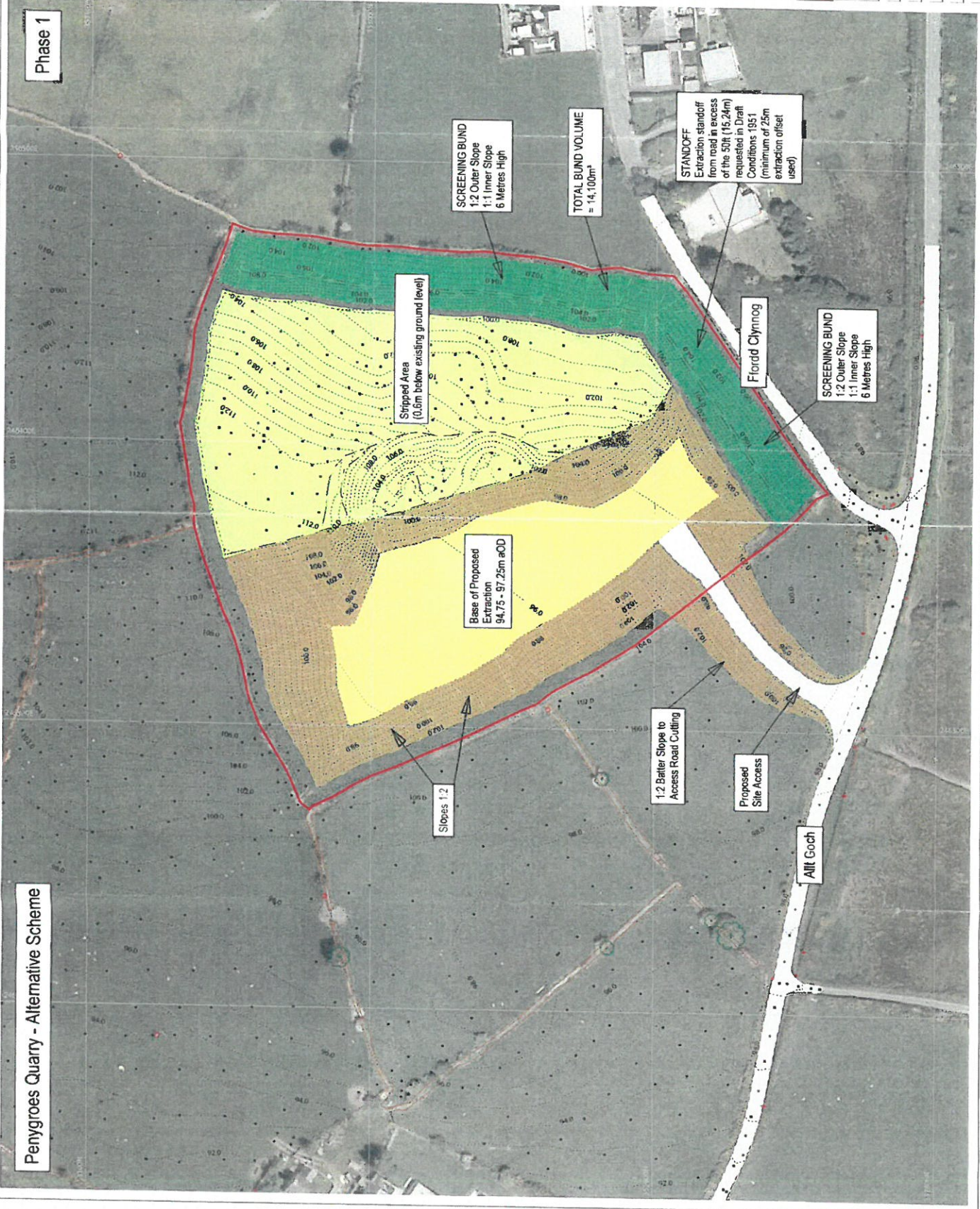
Penygroes Quarry

Penygroes Quarry Limited
 Design and Resource Consultancy
 100, The Quadrant, Pen-y-bont-y-ddu, Llanidloes, Powys, SY23 3DA
 Tel: +44(0)1545 431311 Fax: +44(0)1545 43333
 E-mail: info@penygroesquarry.co.uk

PLANNING APPLICATION
 PHASE 1

ALTERNATIVE SCHEME
 1:1 Scale

Client: AP/16/2017
Drawn by: MRP/EA/BC
Date: 11/12/16



Stripped Area
(0.6m below existing ground level)

Base of Proposed
Extraction
94.75 - 97.25m aOD

Slopes 1:2

1:2 Batter Slope to
Access Road Cutting

Proposed
Site Access

Allt Goch

Flordd Clynog

SCREENING BUND
1:2 Outer Slope
1:1 Inner Slope
6 Metres High

TOTAL BUND VOLUME
= 14,100m³

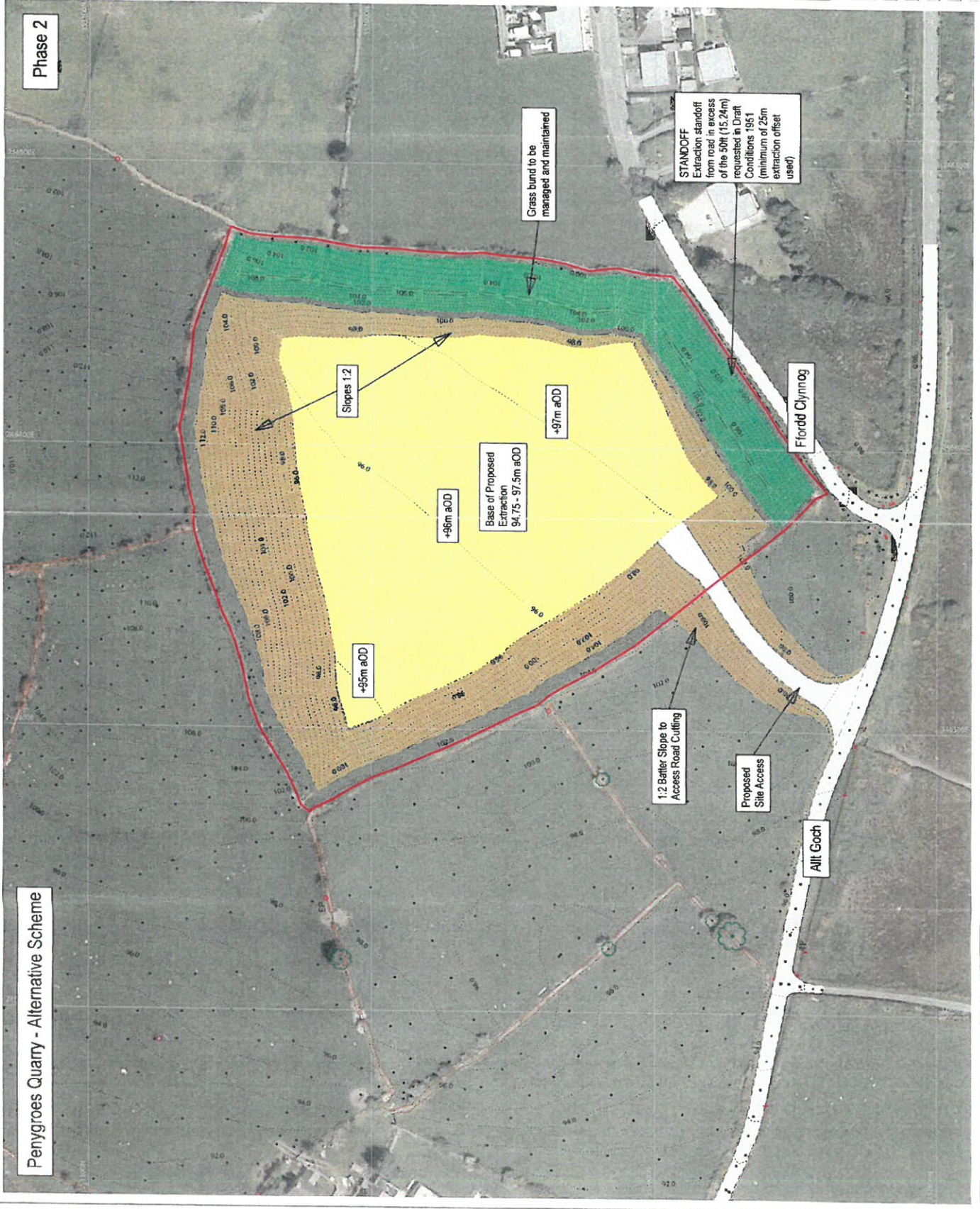
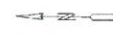
STANDOFF
Extraction standoff
from road in excess
of the 50m (16.24m)
requested in Draft
Conditions 1951
(minimum of 25m
extraction offset
used)

SCREENING BUND
1:2 Outer Slope
1:1 Inner Slope
6 Metres High

Penygroes Quarry - Alternative Scheme

Phase 2

- KEY**
- Planning Application Boundary
 - Base of Extraction
 - Batter Slope (1:2 Slope)
 - Access Road
 - Soil Storage and Screening Bunds



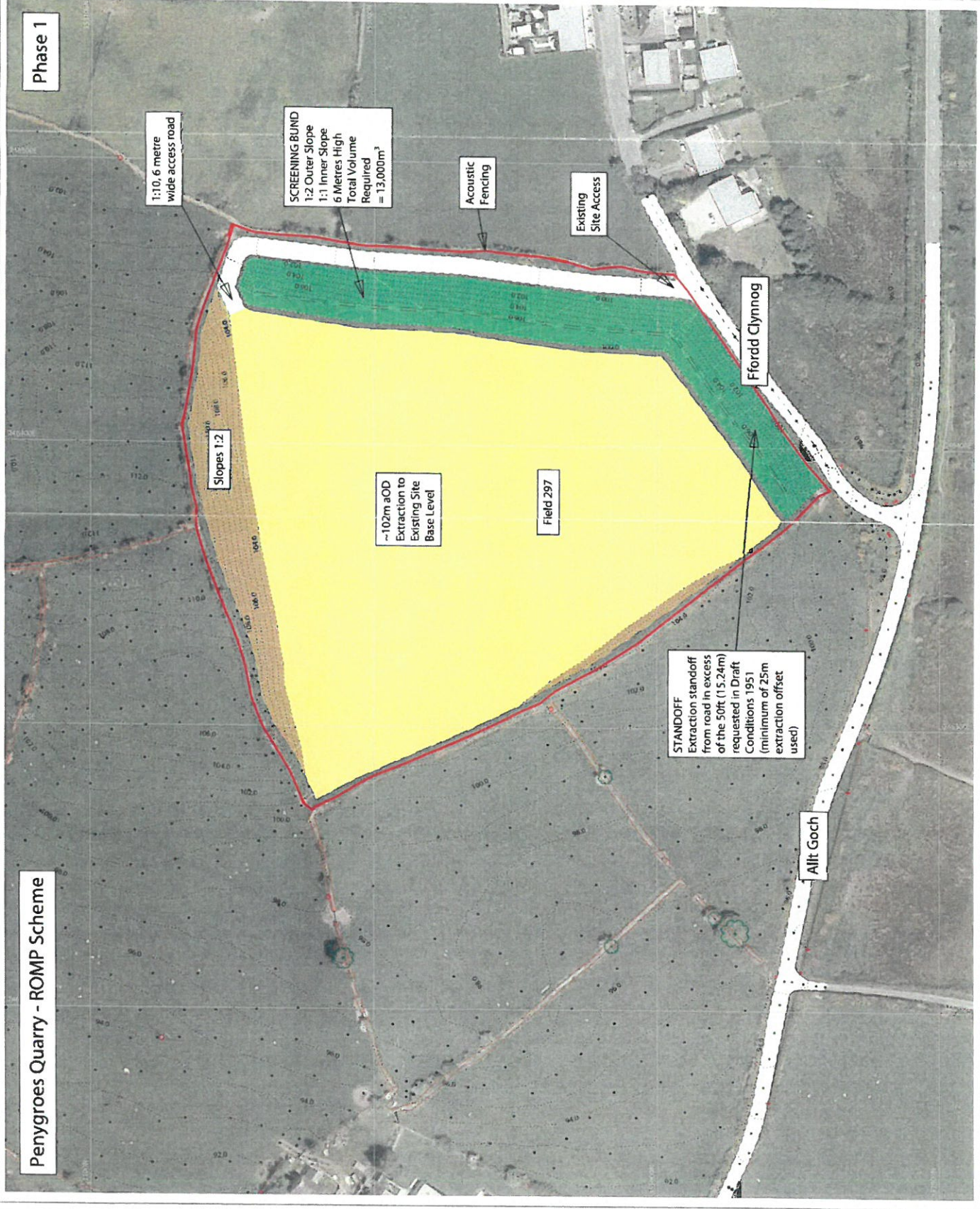
Hydrobaltimothyman
 Penygroes Quarry
 150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000

PENYGROES QUARRY	
ALTERNATIVE SCHEME	
150, 152, 154, 156, 158, 160, 162, 164, 166, 168, 170, 172, 174, 176, 178, 180, 182, 184, 186, 188, 190, 192, 194, 196, 198, 200, 202, 204, 206, 208, 210, 212, 214, 216, 218, 220, 222, 224, 226, 228, 230, 232, 234, 236, 238, 240, 242, 244, 246, 248, 250, 252, 254, 256, 258, 260, 262, 264, 266, 268, 270, 272, 274, 276, 278, 280, 282, 284, 286, 288, 290, 292, 294, 296, 298, 300, 302, 304, 306, 308, 310, 312, 314, 316, 318, 320, 322, 324, 326, 328, 330, 332, 334, 336, 338, 340, 342, 344, 346, 348, 350, 352, 354, 356, 358, 360, 362, 364, 366, 368, 370, 372, 374, 376, 378, 380, 382, 384, 386, 388, 390, 392, 394, 396, 398, 400, 402, 404, 406, 408, 410, 412, 414, 416, 418, 420, 422, 424, 426, 428, 430, 432, 434, 436, 438, 440, 442, 444, 446, 448, 450, 452, 454, 456, 458, 460, 462, 464, 466, 468, 470, 472, 474, 476, 478, 480, 482, 484, 486, 488, 490, 492, 494, 496, 498, 500, 502, 504, 506, 508, 510, 512, 514, 516, 518, 520, 522, 524, 526, 528, 530, 532, 534, 536, 538, 540, 542, 544, 546, 548, 550, 552, 554, 556, 558, 560, 562, 564, 566, 568, 570, 572, 574, 576, 578, 580, 582, 584, 586, 588, 590, 592, 594, 596, 598, 600, 602, 604, 606, 608, 610, 612, 614, 616, 618, 620, 622, 624, 626, 628, 630, 632, 634, 636, 638, 640, 642, 644, 646, 648, 650, 652, 654, 656, 658, 660, 662, 664, 666, 668, 670, 672, 674, 676, 678, 680, 682, 684, 686, 688, 690, 692, 694, 696, 698, 700, 702, 704, 706, 708, 710, 712, 714, 716, 718, 720, 722, 724, 726, 728, 730, 732, 734, 736, 738, 740, 742, 744, 746, 748, 750, 752, 754, 756, 758, 760, 762, 764, 766, 768, 770, 772, 774, 776, 778, 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804, 806, 808, 810, 812, 814, 816, 818, 820, 822, 824, 826, 828, 830, 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856, 858, 860, 862, 864, 866, 868, 870, 872, 874, 876, 878, 880, 882, 884, 886, 888, 890, 892, 894, 896, 898, 900, 902, 904, 906, 908, 910, 912, 914, 916, 918, 920, 922, 924, 926, 928, 930, 932, 934, 936, 938, 940, 942, 944, 946, 948, 950, 952, 954, 956, 958, 960, 962, 964, 966, 968, 970, 972, 974, 976, 978, 980, 982, 984, 986, 988, 990, 992, 994, 996, 998, 1000	
Drawn By	DATE
Rev / LWB	APRIL 2017
Scale	Drawing No.
1:1250	100004-0219

Penygroes Quarry - ROMP Scheme

Phase 1

- KEY**
- Planning Application Boundary
 - Base of Contaction
 - Batter Slope (1:2 slope)
 - Access road
 - Soil Storage and Screening Bunds



AND

Reynolds Smithyman
 Design and Planning Consultancy
 111 St. David's Street, Cardiff, Wales
 Tel: +44(0)1495 413111 Fax: +44(0)1495 413122
 E: info@reynoldsmithyman.co.uk

PENYGRŌES QUARRY

PROJECT CHIEF
 PHASE 1

111 St. David's Street, Cardiff, Wales
 CF10 1JH

Drawn By: MPP/LSB, JG/PRIVATE_L_M/LSB
 Date: APRIL 2017

Scale: 1:1250
 Drawing No.: 80010276.012

Penygroes Quarry - ROMP Scheme

Phase 3

KEY

- Planning Application Boundary
- Base of Extraction
- Base Slope (1:2 Slope)
- Access road
- Soil Storage and Screening Bunds
- Progressive Remediation



Poydel Smithyman Limited
 Design and Technical Consultancy
 100, The Quadrant, Llanidloes, Powys, SA71 3JH
 Tel: 01497 512111, Fax: 01497 512122
 Email: info@poydel-smithyman.co.uk

PENYGROES QUARRY

ROMP SCHEME
PHASE 3

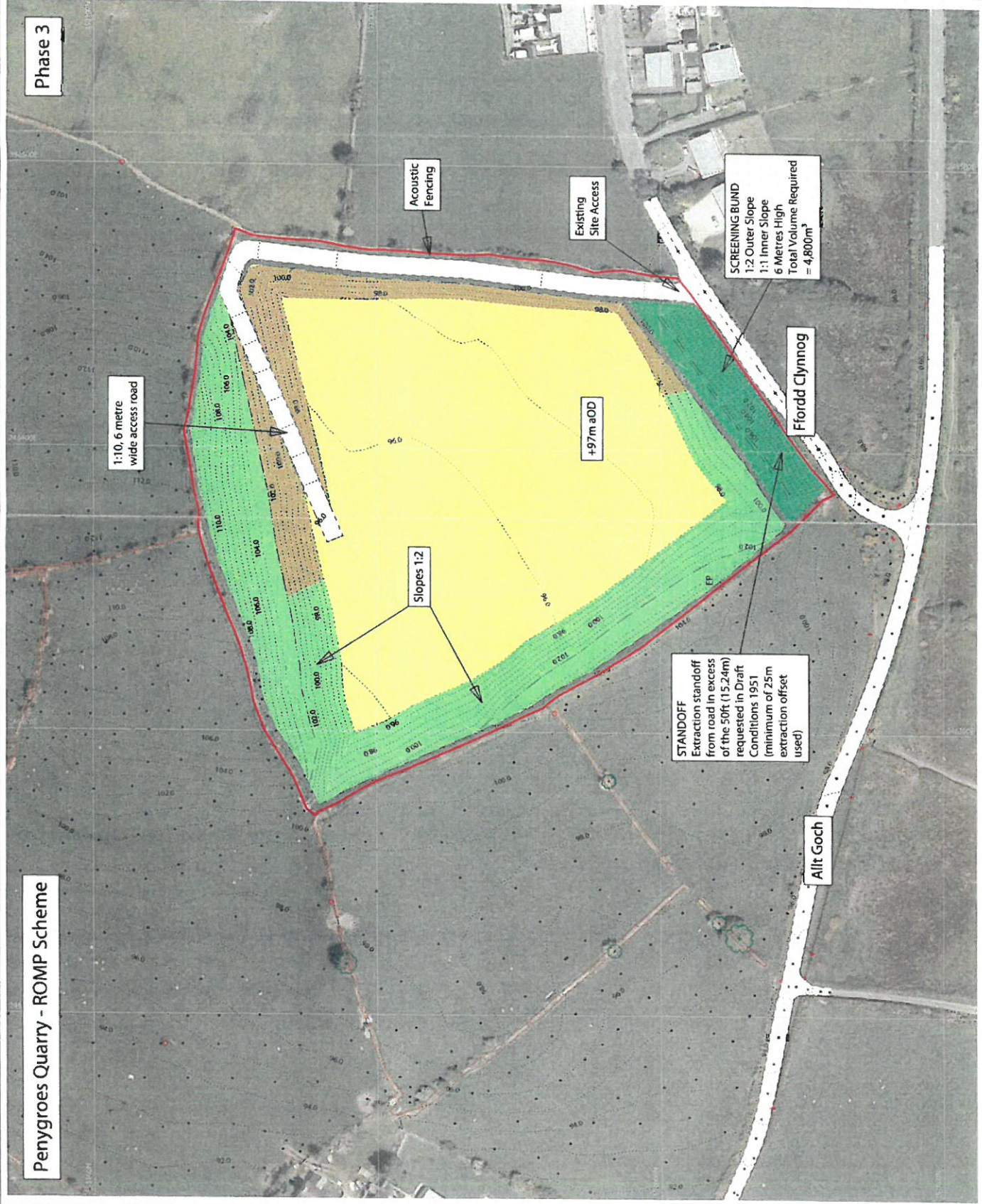
100, The Quadrant, Llanidloes, Powys, SA71 3JH

Drawn By: **MP/LSB, SA PHASE 3, VJ/LS**

Date: **APRIL 2017**

Scale: **1:1250**

Drawing No: **MP/12A/014**



1:10, 6 metre wide access road

Slopes 1:2

+97m aOD

Acoustic Fencing

Existing Site Access



SCREENING BUND
 1:2 Outer Slope
 1:1 Inner Slope
 6 Metres High
 Total Volume Required = 4,800m³

Ffordd Clynnog

STANDOFF
 Extraction standoff from road in excess of the 50ft (15.24m) requested in Draft Conditions 1951 (minimum of 25m extraction offset used)

Allt Goch

Legend

-  Planning Application Boundary
-  Proposed Acoustic Fencing



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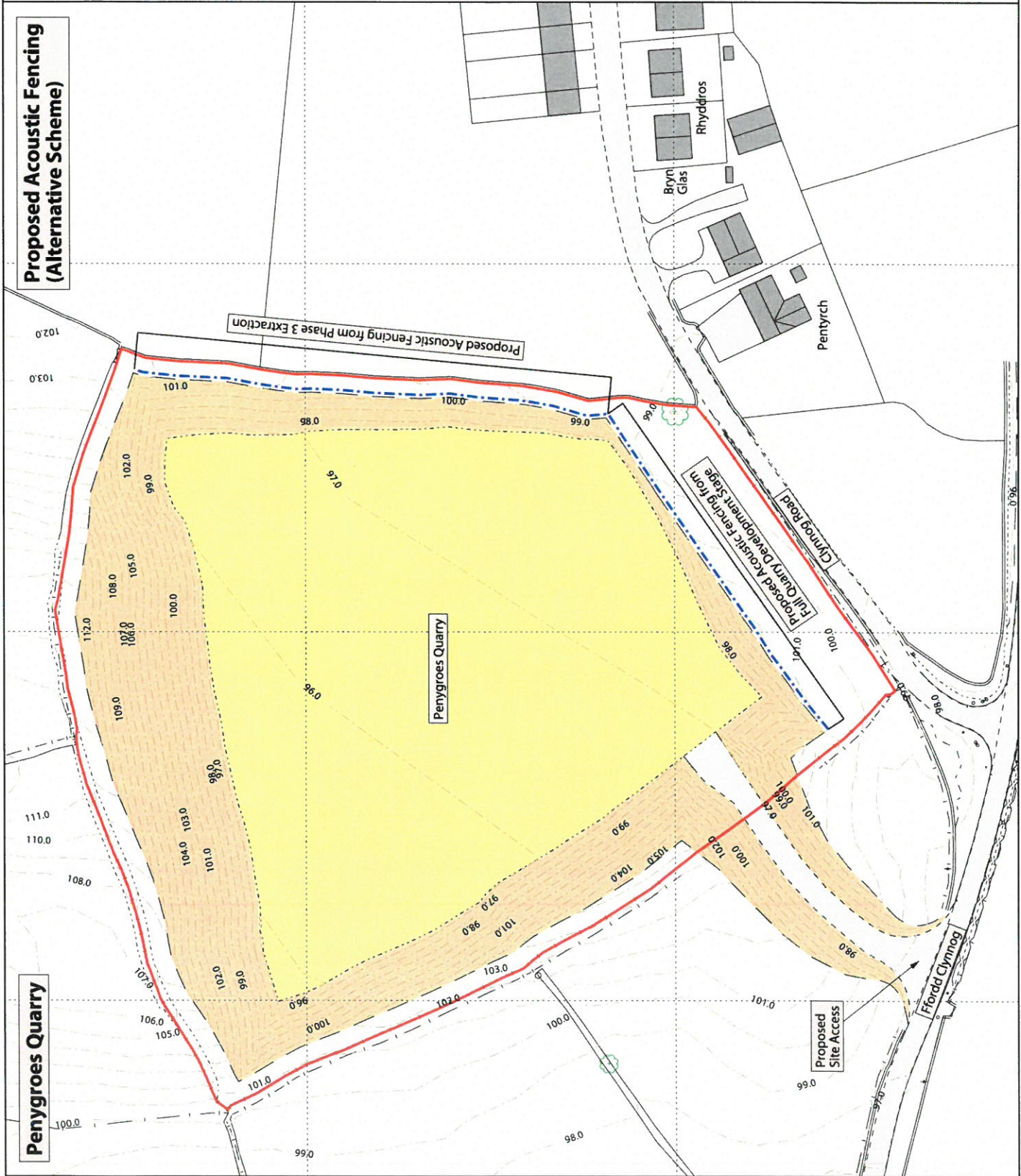
REV	AMD	NOTES	DATE

DRAWING STATUS	FINAL
PROJECT	PENYNGROES QUARRY
CLIENT	Tudor Griffiths Group
TITLE	Proposed Acoustic Fencing (Alternative Scheme)
DATE	Oct 2017
SCALE	1:1000 @A3
DRAWN	LMB
CHECKED	RP
DRAW NO.	M09.162(a).D.041

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Proposed Acoustic Fencing (Alternative Scheme)



Penygroes Quarry

Penygroes Quarry

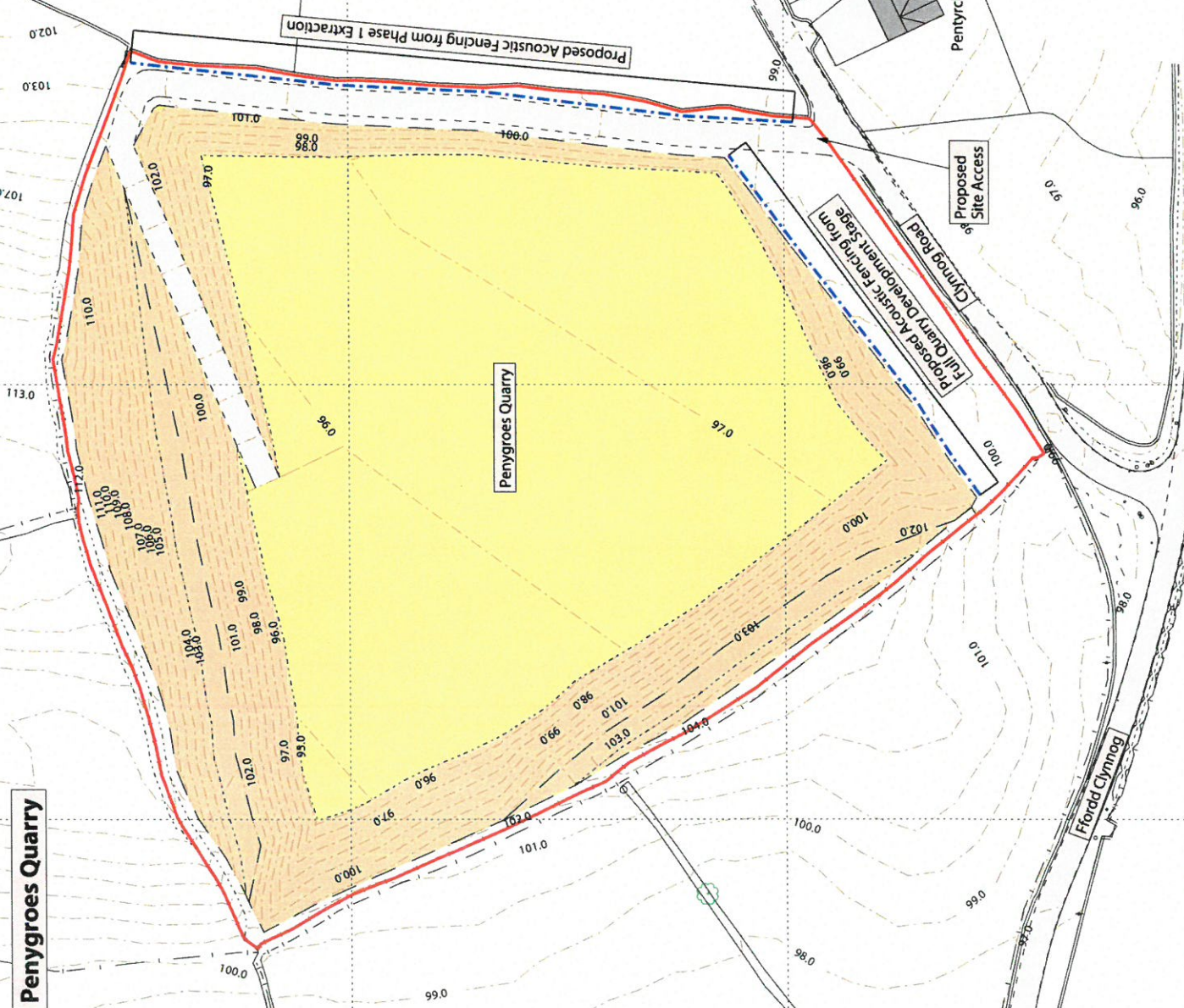
Proposed Site Access

Ffordd Clynnog

Proposed Acoustic Fencing from Full Quarry Development Stage

Proposed Acoustic Fencing from Phase 3 Extraction

Proposed Acoustic Fencing (ROMP Scheme)



- Legend**
- Planning Application Boundary
 - Proposed Acoustic Fencing



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REV	AMD	NOTES	DATE

DRAWING STATUS	FINAL
PROJECT	PENYGROES QUARRY
CLIENT	Tudor Griffiths Group
TITLE	Proposed Acoustic Fencing (ROMP Scheme)
DATE	Oct 2017
SCALE	1:1000 @A3
DRAWN	LMB
CHECKED	RP
DRAW NO.	M09.162(a).D.042

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Cross Section Locations

Penygroes Quarry

- Legend**
- Site Boundary
 - Cross Section Locations
 - Existing Spot Heights / Contours (maOD)



AMENDED PLANS



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REV	AMWD	NOTES	DATE

DRAWING STATUS	FINAL
PROJECT	PENYGROES QUARRY
CLIENT	Tudor Griffiths Group
TITLE	Cross Section Locations
DATE	July 2017
SCALE	1:1250 @A3
DRAWN	LMB
CHECKED	RP
DRAW NO.	M09.162(a).D.038

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AMENDED PLANS

