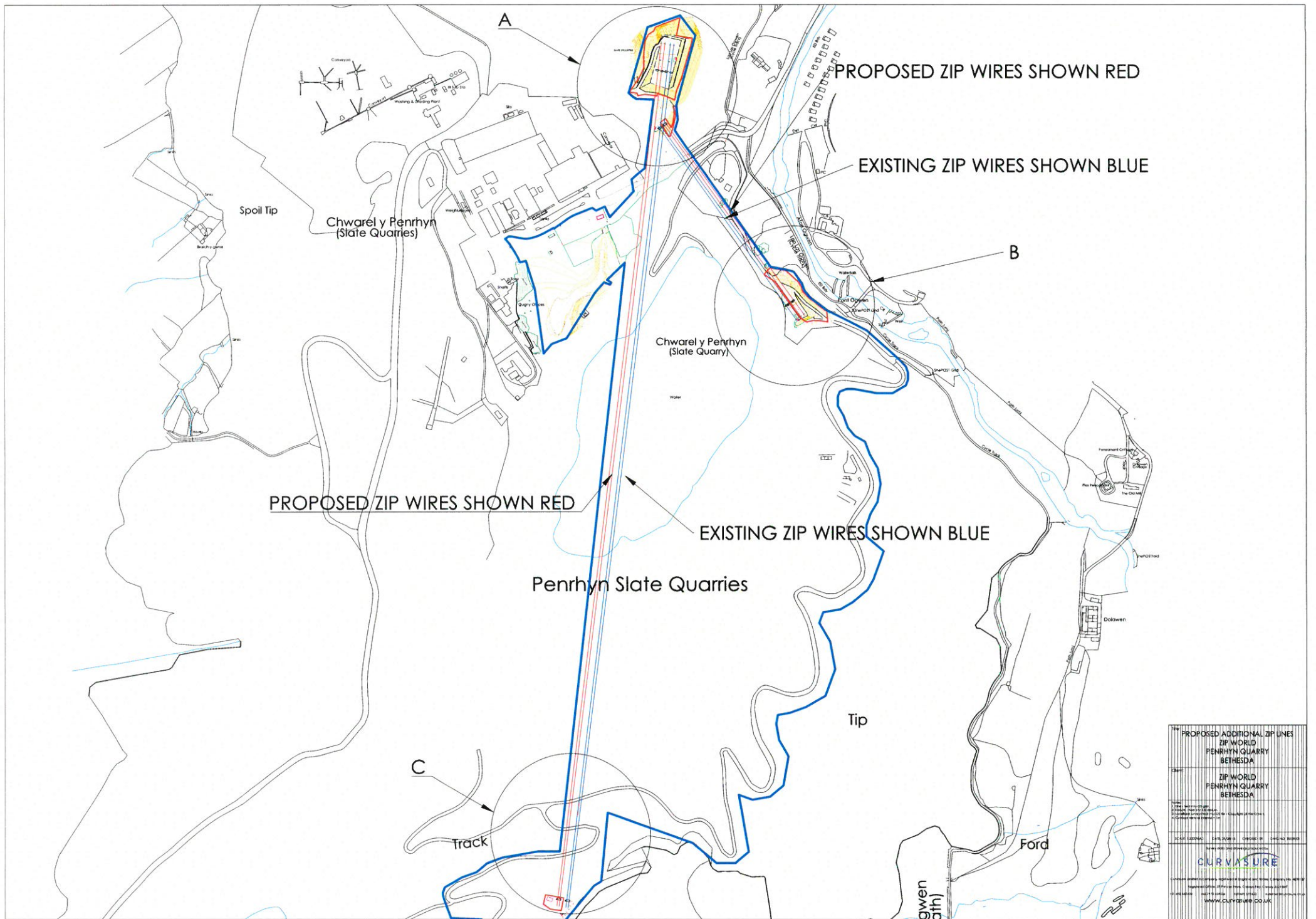




Rhif y Cais / Application Number : C15/1199/16/LL

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





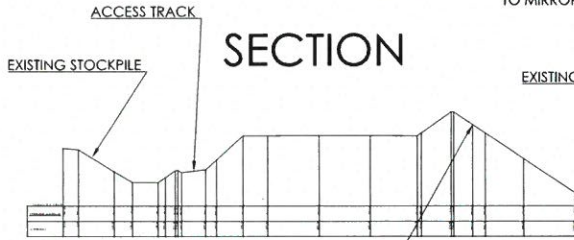
AREA "A"

CREATE NEW ACCESS RAMP TO MATCH EXISTING TIE INTO EXISTING ACCESS TO THE SOUTH OF THE MOUND

WIDEN EXISTING SLATE MOUND BY 27.5 M TO THE WEST TO ACCOMMODATE 2X ZIP WIRES AND ANCILLARY PLATFORMS AND ANCHORS TO MIRROR EXISTING

BATTERS TO TIE INTO EXISTING

SECTION



ACOUSTIC BUND
BATTER TO TIE INTO EXISTING SLOPE

PROPOSED ZIP WIRES SHOWN RED

Conveyor

RELOCATE EXISTING ZIP WIRE ANCHORS
11.5M TO THE WEST

RELOCATE EXISTING ZIP WIRE ANCHORS
11.5M TO THE WEST

RELOCATE EXISTING HUT
11.5M TO THE WEST

CONSTRUCT NEW BUND, 4.5M HIGH
TIE BATTER INTO EXISTING GRADIENT.

LENGTHEN EXISTING SLATE MOUND BY 25M TO THE SOUTH
MAINTAINING EXISTING GRADIENT.

EXISTING ZIP WIRES SHOWN BLUE

REROUTE ACCESS PATH 6M TO THE WEST

REGRADE BATTER TO ALLOW FOR
NEW TAKE OFF PLATFORM TO
MIRROR EXISTING

Lon Las Ogwen
(Cycle Track)

Title: PROPOSED ADDITIONAL ZIP LINES
ZIP WORLD
PENRHYN QUARRY
BETHESDA

Client: ZIP WORLD
PENRHYN QUARRY
BETHESDA

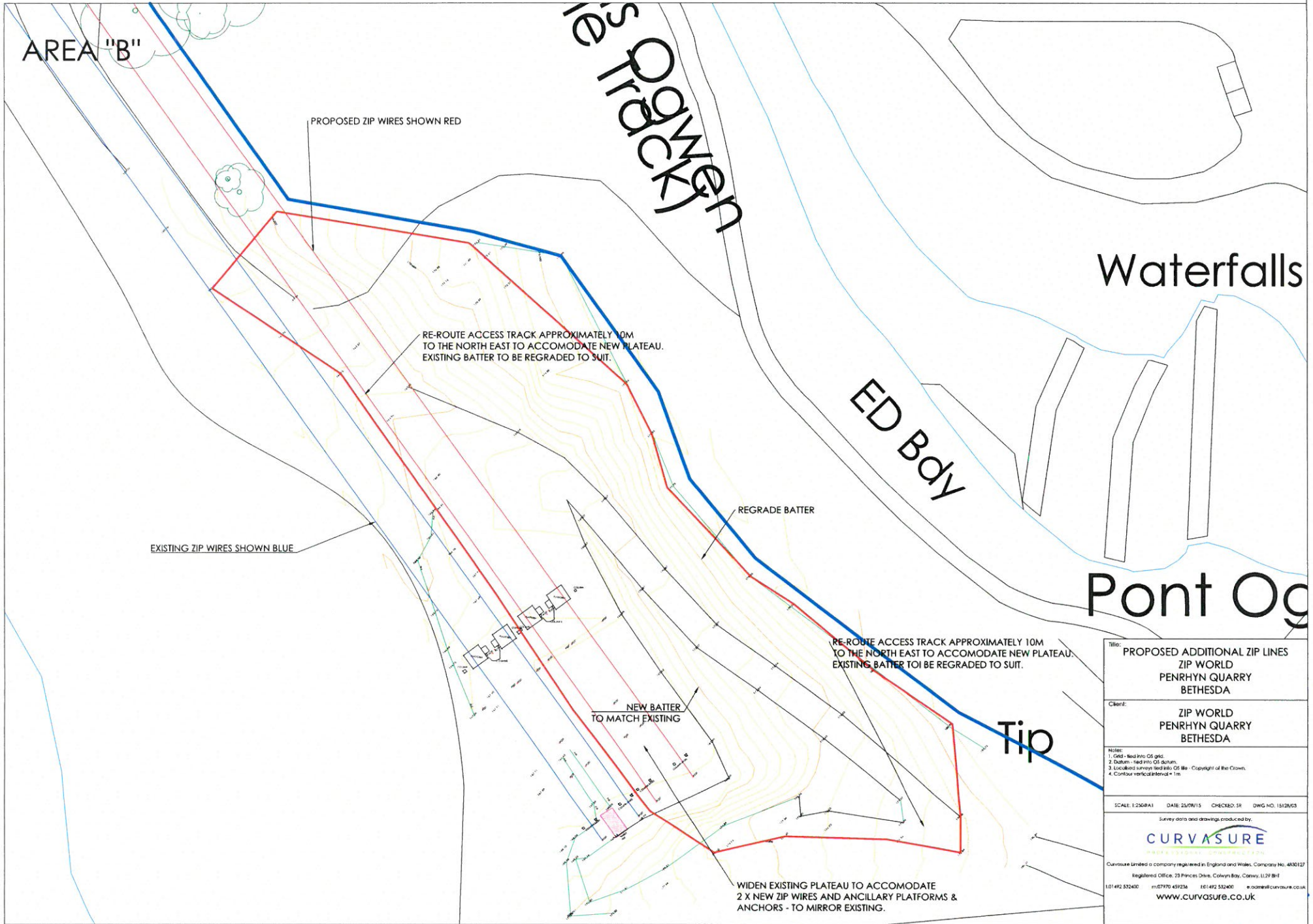
Notes:
1. GAD - tied into OS grid.
2. Datum - tied into OS system.
3. Localised surveys tied into OS No - Copyright of the Crown.
4. Contour vertical interval = 1m.

SCALE: 1:500RA1 DATE: 25/06/15 CHECKED: SR DWG NO: 15128/02

Survey data and drawings produced by:

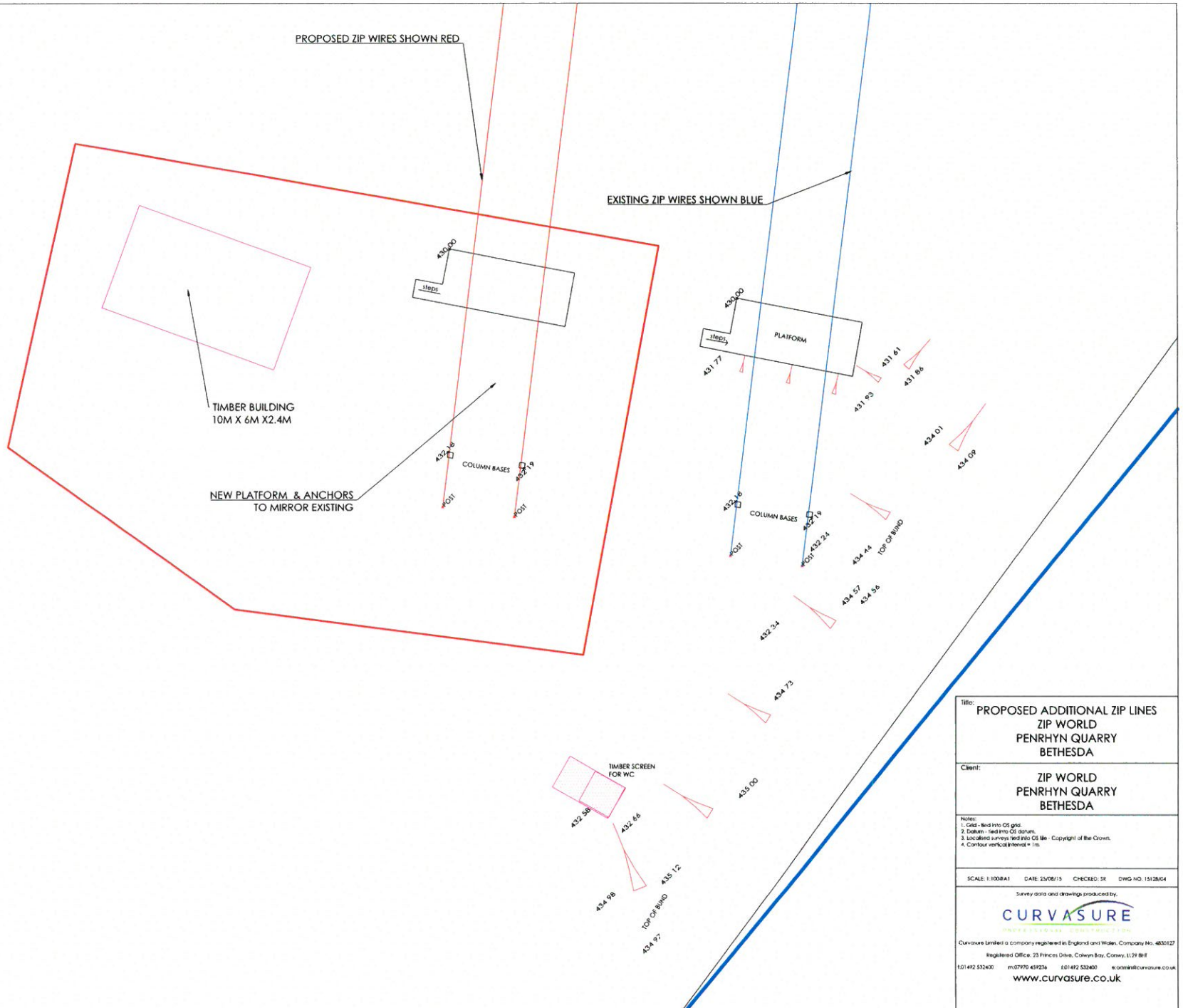
CURVASURE
LAND SURVEYING CONSULTANTS


Curvature Limited a company registered in England and Wales, Company No. 4830127
Registered Office: 23 Princes Drive, Colwyn Bay, Conwy, LL29 8HT
101 492 532400 m:07790 492256 f:01 492 532400 e:enquiries@curvature.co.uk
www.curvature.co.uk



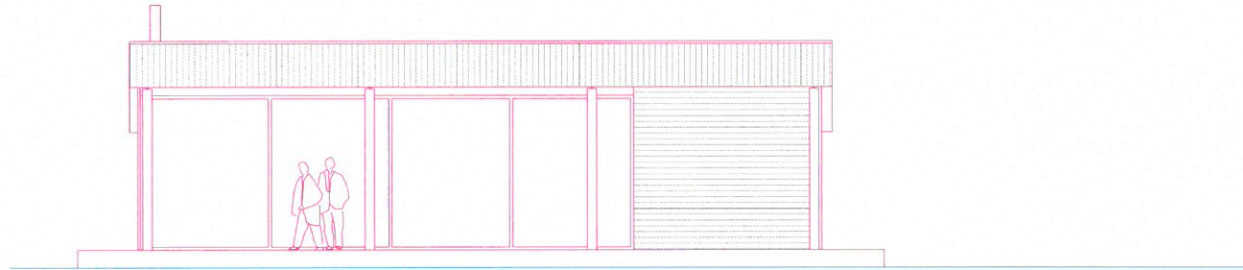
Title: PROPOSED ADDITIONAL ZIP LINES ZIP WORLD PENRHYN QUARRY BETHESDA			
Client: ZIP WORLD PENRHYN QUARRY BETHESDA			
Notes: 1. OLS - Bad into OS grid. 2. Datum - tied into OS datum. 3. Localised surveys tied into OS file - Copyright of the Crown. 4. Contour vertical interval = 1m.			
SCALE: 1:2500A1	DATE: 23/07/15	CHECKED: SR	DWG NO: 15120/03
Survey data and drawings produced by:			
CURVASURE PROFESSIONAL CONSULTANTS			
Curvature Limited a company registered in England and Wales, Company No. 4830127 Registered Office: 23 Princes Drive, Colwyn Bay, Conwy, LL27 8H4			
1.01492.552400	m07770.459234	f01492.552400	e.00000@curvature.co.uk
www.curvature.co.uk			

AREA "C"

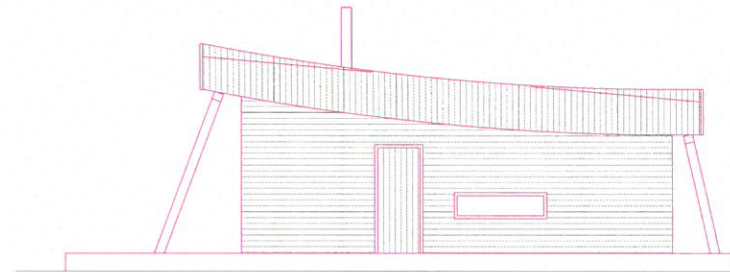


Title: PROPOSED ADDITIONAL ZIP LINES ZIP WORLD PENRHYN QUARRY BETHESDA			
Client: ZIP WORLD PENRHYN QUARRY BETHESDA			
Notes: 1. Grid - tied into OS grid. 2. Datum - tied into OS datum. 3. Localised surveys tied into OS file - Copyright of the Crown. 4. Contour vertical interval = 1m.			
SCALE: 1:100@A1	DATE: 25/06/15	CHECKED: SR	DWG NO: 15128/04
Survey data and drawings produced by:  <small>CONSTRUCTION</small>			
<small>Curvasure Limited a company registered in England and Wales, Company No. 4830127 Registered Office: 25 Princes Drive, Colwyn Bay, Conwy, LL29 8HT 101472 532400 m:07770 439256 f:01492 532400 e:admin@curvasure.co.uk www.curvasure.co.uk </small>			

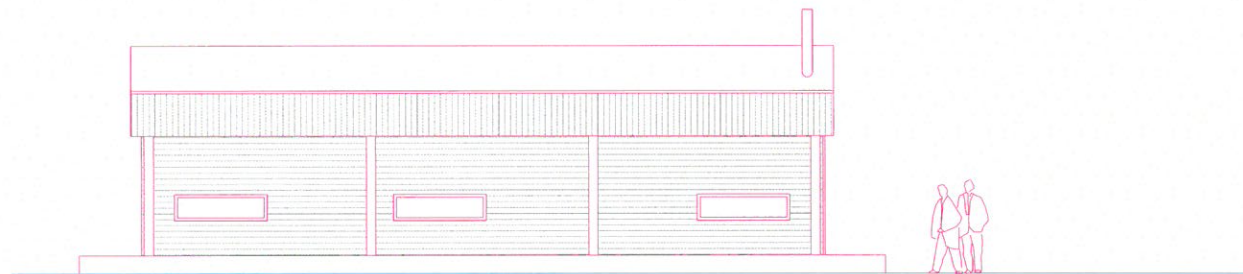
External Finishes:
Walls: Western Red Cedar Cladding/Natural Stone Slips
Roof: Green Roof System - Type T.B.C
Windows: PC Aluminium Window Systems
Doors: PC Aluminium or HW Solid Exterior Door T.B.C
Fascia/Barge/Soffit: Western Red Cedar Cladding




Front Elevation

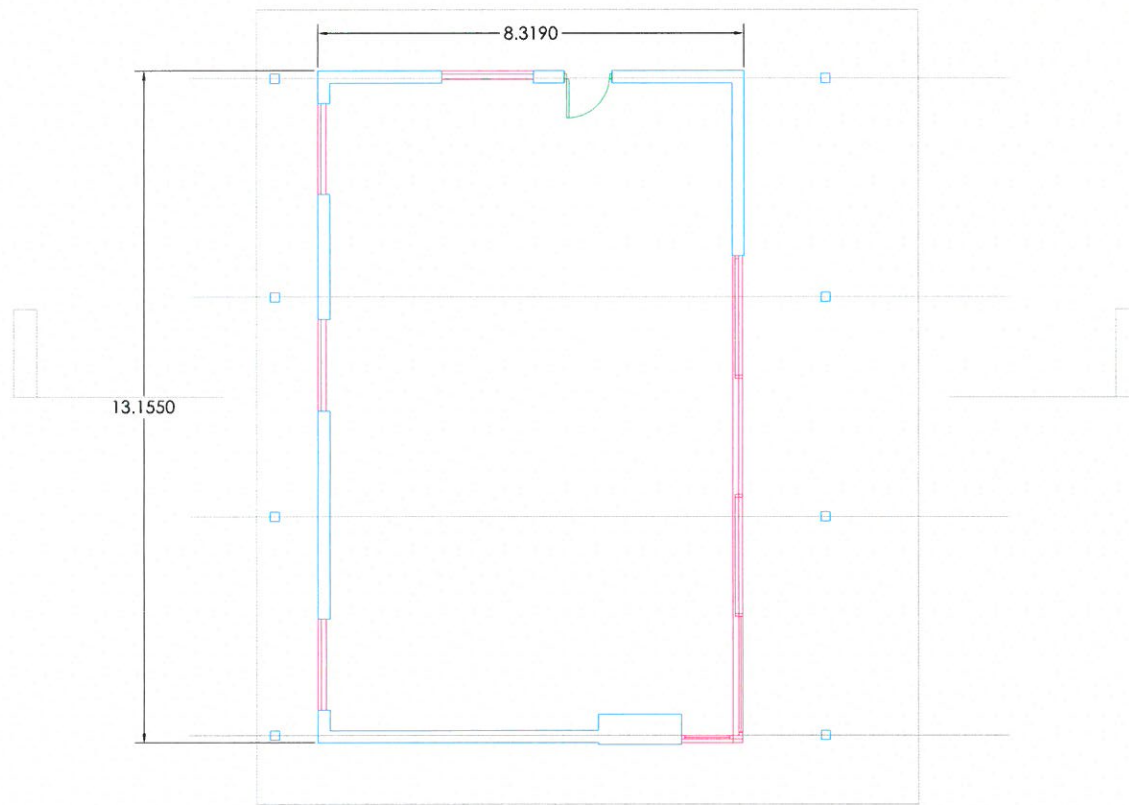


Side Elevation



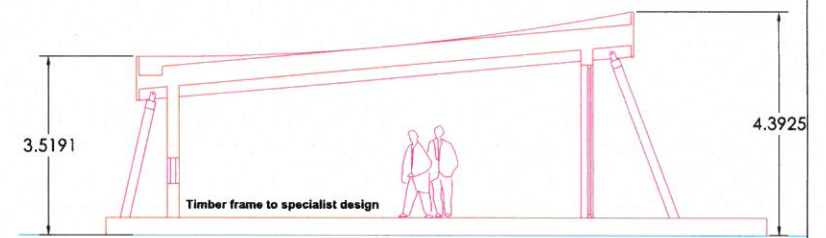
Rear Elevation

Title:			
PROPOSED TIMBER LODGE ZIP WORLD PENRHYN QUARRY, BETHESDA			
Client:			
ZIP WORLD PENRHYN QUARRY BETHESDA			
Notes:			
1. Grid - tied into OS grid 2. Datum - tied into OS datum 3. Located surveys tied into OS file - Copyright of the Crown 4. Contour vertical interval = 1m.			
SCALE: 1:500A1	DATE: 18/09/15	CHECKED: SR	DWG NO: 15126/07
Survey data and drawings produced by:			
 <small>www.curvasure.co.uk</small>			
Curvasure Limited a company registered in England and Wales. Company No. 4830127			
Registered Office: 23 Princes Drive, Colwyn Bay, Conwy, LL27 8HT			
1.01 492 532400 m:077975 459236 f:01492 532400 e:admin@curvasure.co.uk			
www.curvasure.co.uk			

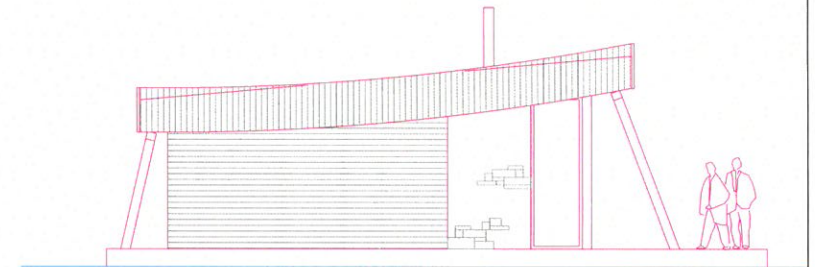


Floor Plan

External Finishes:
Walls: Western Red Cedar Cladding/Natural Stone Slips
Roof: Green Roof System - Type T.B.C
Windows: PC Aluminium Window Systems
Doors: PC Aluminium or HW Solid Exterior Door T.B.C
Fascia/Barge/Soffit: Western Red Cedar Cladding

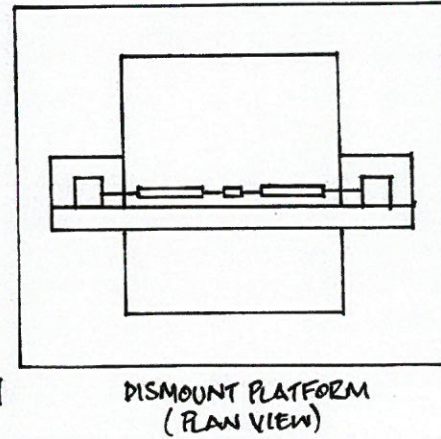
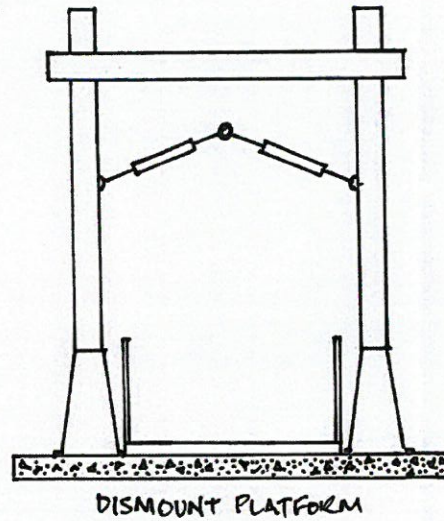
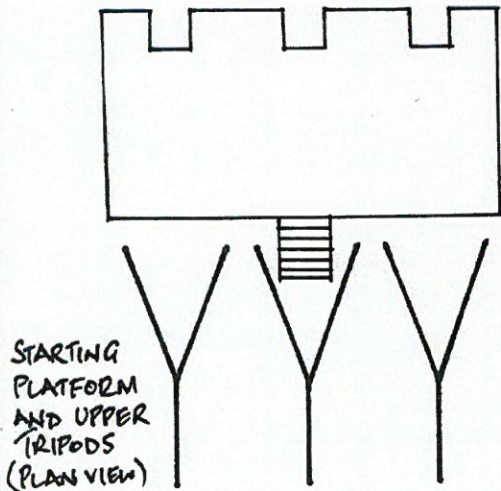
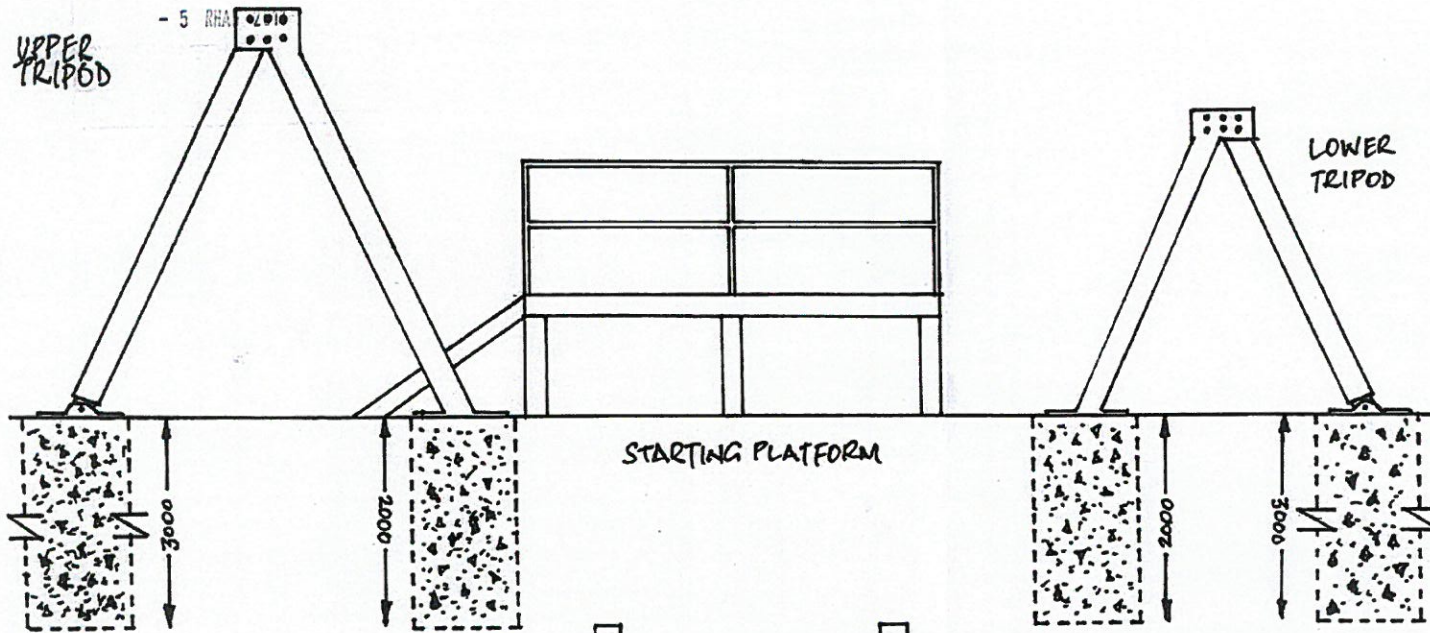


Proposed Section



Side Elevation

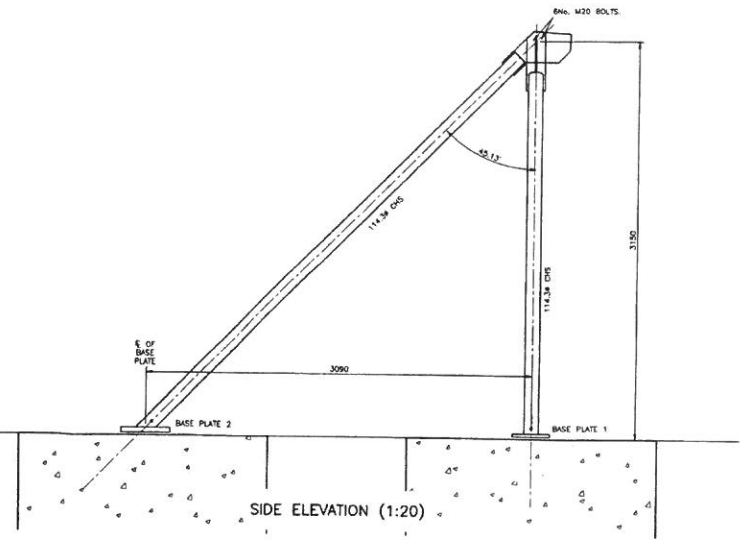
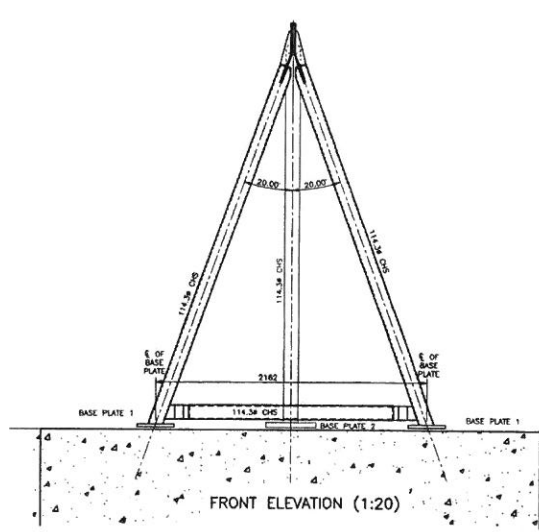
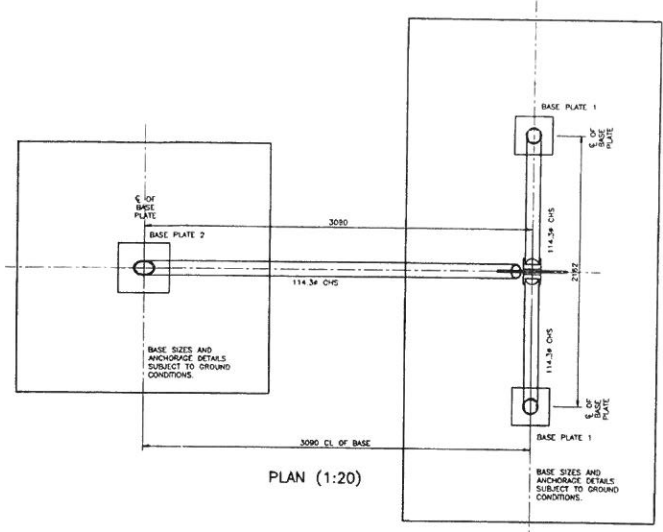
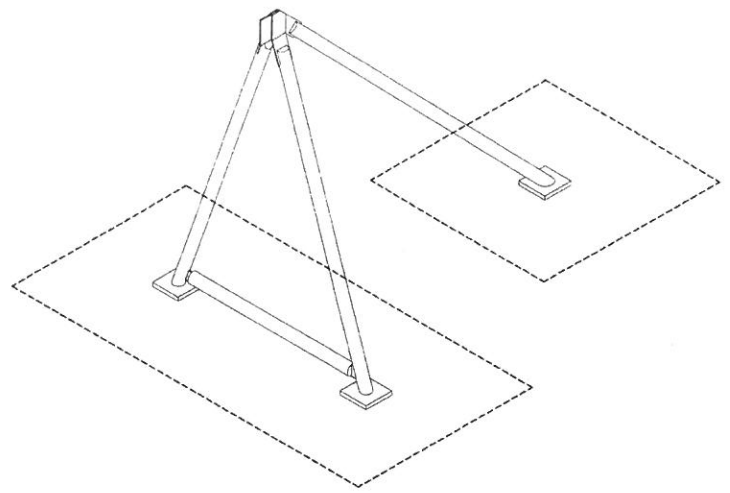
Title: PROPOSED TIMBER LODGE ZIP WORLD PENRHYN QUARRY, BETHESDA			
Client: ZIP WORLD PENRHYN QUARRY BETHESDA			
Notes: 1. Grid - tied into OS grid. 2. Datum - tied into OS datum. 3. Localised surveys tied into OS file - Copyright of the Crown. 4. Contour vertical interval = 1m.			
SCALE: 1:500 A1	DATE: 14/07/15	CHECKED: SR	DWG NO: 15128056
Survey data and drawings produced by: CURVASURE ARCHITECTS & ENGINEERS			
Curvature Limited a company registered in England and Wales, Company No. 4830127 Registered Office: 23 Princes Drive, Colwyn Bay, Conwy, LL29 8HT t: 01492 532400 m: 07770 459236 f: 01492 532400 e: admin@curvature.co.uk www.curvature.co.uk			



Title	Support tripods, starting and dismant platforms
Drawing. No.	TTA-17
Client	Treetop Adventures
Site	Penrhyn Quarry Bethesda
Date	8 November 2011
Scale	1:50; 1:100
Revision	
Drawn by	JW
Key	

CONGOR GWYNEDD
ADAMENY LLEWELLYN
10 Tŷŵr
Pŵllinau, Dolgellau, Gwynedd
LL23 7LW

HEALTH & SAFETY: SHOWS THE RECOMMENDED METHODS OF CONSTRUCTION/FUTURE MAINTENANCE ISSUES

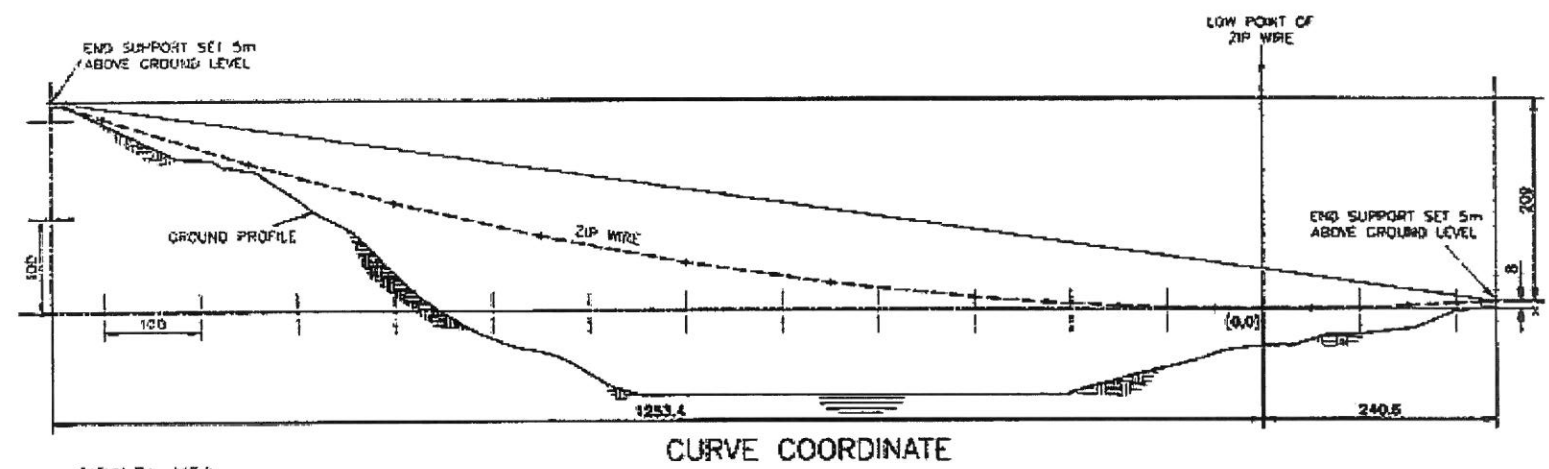


- NOTES.**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS' SERVICES AND SPECIALIST DRAWINGS AND THE SPECIFICATION.
 - ANY DISCREPANCIES IN DIMENSIONS OR DETAILS ON OR BETWEEN THESE DRAWINGS SHOULD BE DRAWN TO THE ATTENTION OF THE ARCHITECT AND/OR THE ENGINEER IN WRITING FOR CLARIFICATION.
 - ALL DIMENSIONS ARE IN MILLIMETRES. ALL LEVELS ARE IN METRES UNLESS NOTED OTHERWISE. DO NOT SCALE THIS DRAWING.
 - ALL TUBULAR STEELWORK TO BE GRADE 355/0H IN ACCORDANCE WITH BS EN 10025-2.
 - ALL OTHER SECTIONS & PLATES TO BE GRADE S275/J0.
 - PROTECTIVE COATING TO STEELWORK: GALVANIZED.
 - ALL WELDS TO BE A MINIMUM OF 8mm FILLER ALL ROUND UNLESS NOTED OTHERWISE.
 - ALL BOLTS TO BE GRADE 8.8 UNLESS NOTED OTHERWISE.
 - COURSE TO BE USED UNDER STRICT SUPERVISION ONLY.
 - CONCRETE FOR MASS CONCRETE FOUNDATION SHALL USE A GRADE 32/41 UP TO BS5951-2 WITH A CONSISTENCY CLASS OF S3 AND A MAXIMUM AGGREGATE SIZE OF 20mm OR IF SITE-BATCHED, USE 1:1.5:3 (CEMENT:SAND:AGGREGATE BY VOLUME) WITH 75 SLUMP.
 - TOP FACE OF CONCRETE TO BE LAID TO FALL AWAY FROM BASE PLATES.

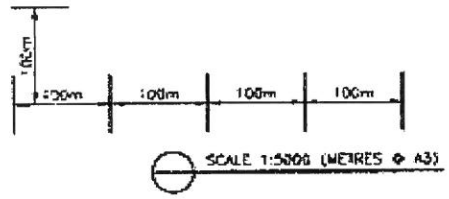
PRELIMINARY
22nd AUGUST 2012
THIS DRAWING SUPERSEDES EARLIER ISSUES OF THIS DRAWING WHICH SHOULD BE DESTROYED.

PRELIMINARY ISSUE FOR COMMENT		PL	NDS	MTM
Revision	Sum	App'd	Date	
Project				
ROPES COURSE DEVELOPMENT PROPOSED ZIP LINE				
Drawing Title				
PLANS, ELEVATIONS AND DETAILS FOR BOTTOM SUPPORT				
 SMITH FOSTER Consulting Civil and Structural Engineers Suite 7, Branscombe Farm, Housar Branscombe Business Park, Ewloe Valley Road, Frodo, B112 1ED				
Tel: +44 (0) 1202 540288 Fax: +44 (0) 1202 540044 Website: www.smithfooster.com e-mail: eng@smithfooster.com				
<small>Smith Foster is a registered company in England No. 4291290 Incorporated in England No. 02049028</small>				
Drawn	Date	Checked	Date	
MTM	AUG_12	NDS		
Scale				
AS SHOWN @ A1				
Drawing Number				Rev
83MISC-141				P1

HEALTH & SAFETY

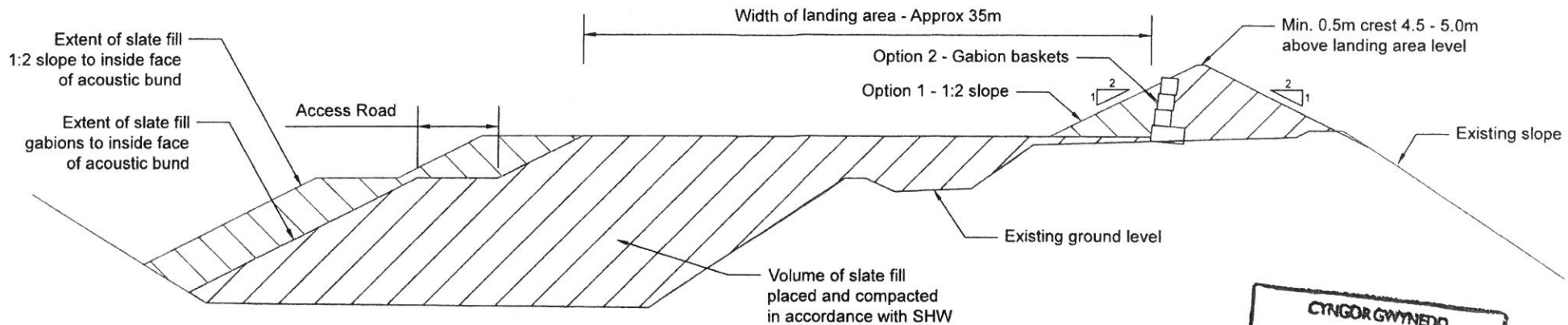


DATUM R.L. 112.0
(FROM CURVASURE
TOPOGRAPHIC SURVEY)



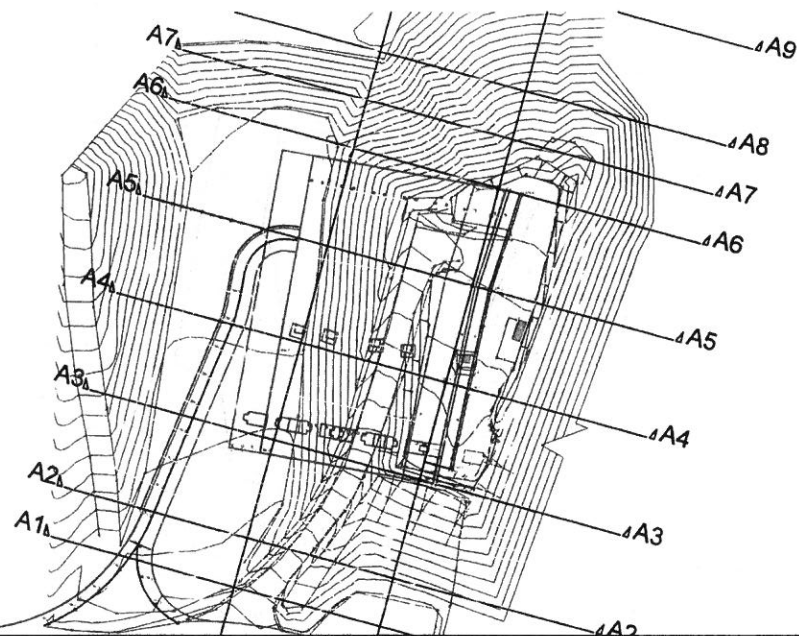
COORDINATES FOR CURVES	
±0	0.345
±100	+1.361
±200	+2.106
±300	+3.523
±375	+4.991
±300	+12.435
±200	+27.940
±100	+49.731
±750	+77.734
±900	+111.940
±1050	+152.762
±1200	+149.762
±1253.4	+217.000

PROJECT NO.	DATE	BY	CHECKED
<p>PROPOSED ZIP LINE BETHESDA QUARRY</p>			
<p>ZIP LINE COORDINATES (8m SAG)</p>			
<p>SMITH FOSTER Consulting Civil and Structural Engineers Suite 6, Brookstone Park House Brookstone Business Park Bourne Water Road Polegate BN21 1ED Tel: +44 (0) 1292 548888 Fax: +44 (0) 1292 548844 Website: www.smithfooster.com e-mail: eng@smithfooster.com</p>			
Scale	Date	Checked	Date
1:5000 @ A3	2011/11		
R1075/01		P1	



CYNGOR GWYNEDD
 ADRAN RHEOLBDDIO
 29 10N 2016
 GWASANAETH CYLLUNIO AC
 ANGYLCHEDD
 RHESTRAC

Section A4
 190m AOD



SCALE AS SHOWN

Figure Title
 ZIP WORLD, PENRHYN QUARRY
 ACOUSTIC BUND

FIGURE 1