

SOP Ref:	Northings (m)	Eastings (m)	Elevation (mAOD)
01	212616.909	262338.985	32.498
02	212603.441	262337.117	32.488
03	212591.641	262335.909	32.458
04	212584.716	262333.900	32.331
05	212632.863	262334.098	32.603
06	212615.860	262336.046	31.458
07	212604.709	262333.932	31.973
08	212594.923	262333.043	31.344
09	212586.819	262331.632	31.300
10	212640.244	262333.711	32.717
11	212642.092	262331.133	32.141
12	212632.442	262331.725	31.800

SOP Ref:	Northings (m)	Eastings (m)	Elevation (mAOD)
13	212628.412	262332.470	31.6709
14	212625.677	262332.809	31.583
15	212623.161	262333.440	31.500
16	212619.519	262332.980	31.482
17	212615.878	262332.532	31.462
18	212610.301	262331.841	31.430
19	212604.724	262331.151	31.398
20	212599.831	262330.545	31.371
21	212594.939	262329.940	31.344
22	212590.886	262328.438	31.322
23	212586.833	262328.936	31.339
24	212583.634	262328.546	32.000

SOP Ref:	Northings (m)	Eastings (m)	Elevation (mAOD)
25	212582.684	262328.943	32.343
26	212642.867	262330.047	31.900
27	212633.942	262328.294	31.800
28	212628.433	262328.308	31.866
29	212623.191	262327.659	31.546
30	212619.549	262327.205	31.489
31	212615.908	262326.758	31.467
32	212610.331	262326.067	31.434
33	212604.754	262325.377	31.400
34	212599.861	262324.771	31.373
35	212594.969	262324.165	31.343
36	212590.916	262323.664	31.321

SOP Ref:	Northings (m)	Eastings (m)	Elevation (mAOD)
37	212586.863	262323.132	31.423
38	212581.087	262322.453	31.900
39	212579.953	262322.927	32.310
40	212579.968	262321.967	32.306
41	212643.802	262326.669	31.900
42	212634.200	262323.298	31.795
43	212628.458	262323.424	31.684
44	212623.216	262322.775	31.556
45	212619.575	262322.321	31.499
46	212615.933	262321.873	31.472
47	212610.356	262321.184	31.448
48	212604.779	262320.492	31.402

SOP Ref:	Northings (m)	Eastings (m)	Elevation (mAOD)
49	212599.887	262319.887	31.373
50	212594.994	262319.281	31.343
51	212590.941	262318.779	31.319
52	212586.888	262318.277	31.414
53	212583.103	262317.815	31.800
54	212581.305	262318.924	32.236
55	212604.782	262315.492	31.401
56	212599.890	262314.887	31.371
57	212594.998	262314.281	31.342
58	212590.944	262313.779	31.320
59	212586.914	262313.362	31.300

**Key: Utilities**

- Existing Surface Water
- Existing Foul Water
- Existing Mains
- Existing Combined Sewer
- Existing Electricity 11kV Overhead
- Existing Electricity 11kV
- Existing Electricity

See drawing 272967-ARP-XX-XX-DR-XX-0002 for details of the source and limitations of utility information shown

**Key: Site**

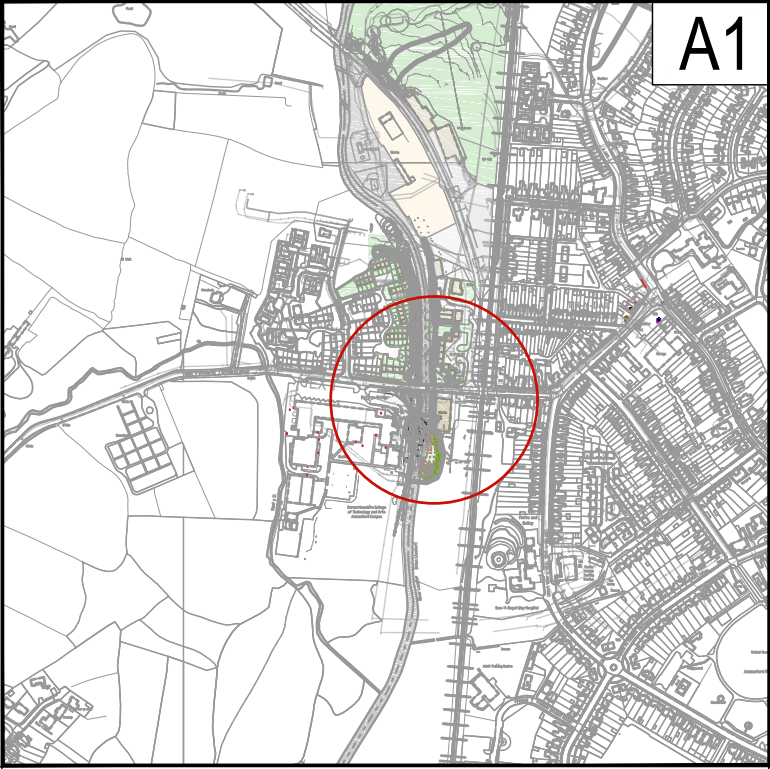
- Site Boundary
- Setting-out point
- Existing Fence Line

**Key: Tree Survey**

- Trees to be removed
- Trees to be coppiced
- Root boundaries

**Key: Surface**

- Proposed amenity grass seeded with Emorsgate 'EG23' - Shade tolerant lawn grass or similar approved.
- Salix Vmax Shear Stress Turf or similar approved
- Rock Mattress



### Key Plan

Scale 1:10,000

#### Notes:

- This drawing is to be read in conjunction with all other drawings, specifications and contract documents. Notify the Project Manager of any discrepancies.
- For concrete specification and finishes and concrete masonry units specification refer to general notes drawing 272967-ARP-XX-XX-DR-XX-0002.
- Reference should be made to drawing 272967-ARP-CM-XX-DR-LA-1004 for landscaping works including ground proposed reinstatement and fence lines.
- For cladding and coping specifications and details, refer to drawings 272967-ARP-XX-XX-DR-CE-0010, 272967-ARP-XX-XX-DR-LA-0011 and 272967-ARP-XX-XX-DR-LA-0012.
- Movement joints in the cladding and concrete masonry units to match movement joints locations in the concrete wall as shown or maximum 15m centres.
- Up and over access steps to be reinforced with one layer of A393 mesh with 55mm nominal cover.
- Reference should be made to the Site Information for available investigation of existing buildings foundations, however, information is limited and form of existing formation is largely unknown. Should the existing foundation found be shallow and potential risk of undermining through temporary excavation to form flood wall foundation, the Contractor shall contact the Project Manager immediately and engage with the Designer.
- Refer to Rock Armour specification 272967-ARP-XX-XX-SP-XX-0004

### 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:

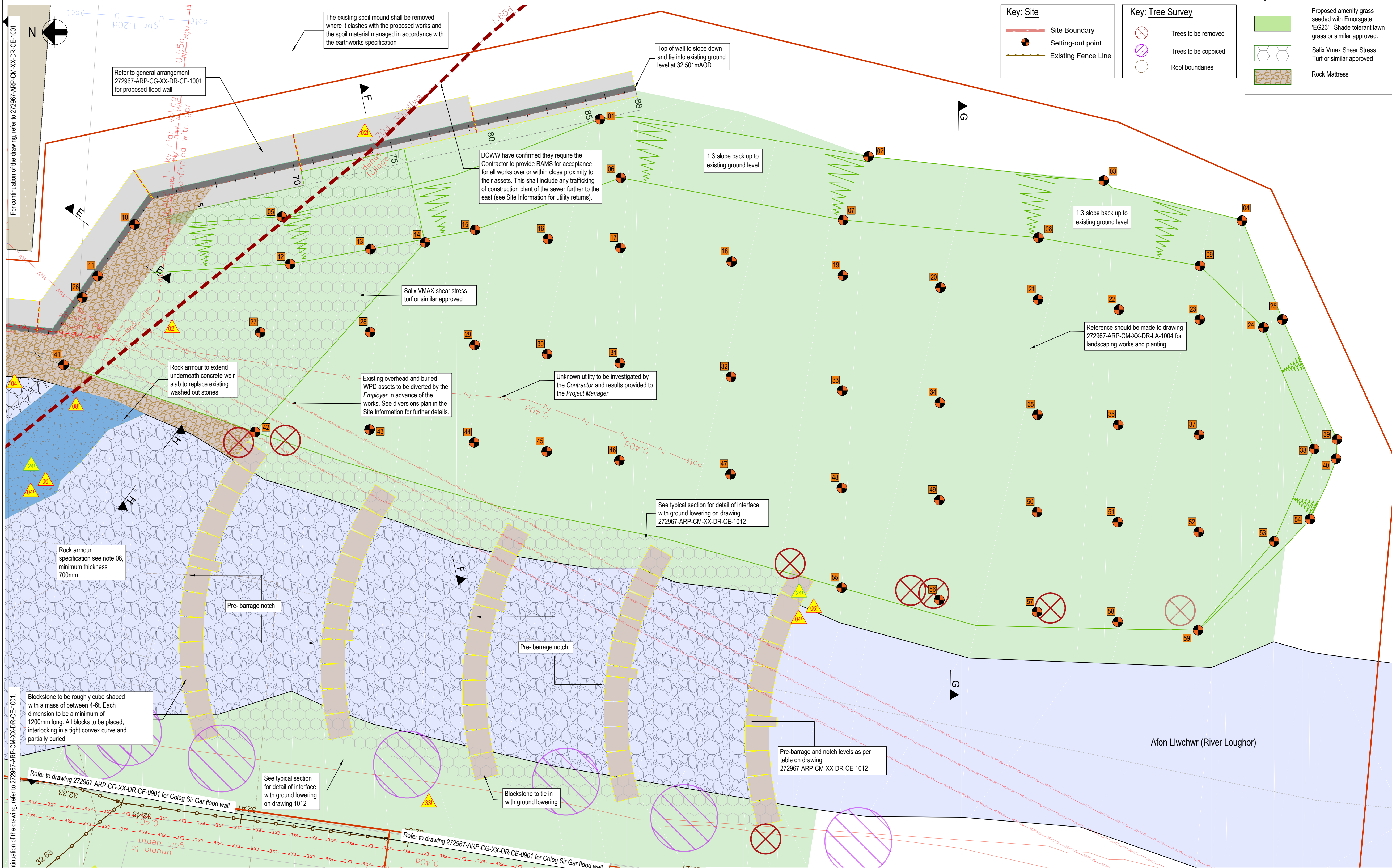
#### Construction

- Utilities: Contractor shall positively identify the location of any services within the vicinity of the works before construction commences
- Risk to site operatives as a result of destabilisation of existing bridges while excavating to form flood walls.
- Working within or in close proximity the river channel, and risk of flooding
- Managing flows and seepage of cofferdam at Tir-y-dail (temporary works)
- DCWW sewer through existing Tir y dail weir and existing weir is in poor condition and at risk of being undermined
- Risk to site operatives as a result of destabilisation of existing buildings while excavating to form flood walls.
- Risk to operatives of being exposed to potentially contaminated material including made ground and those impacted by asbestos and acm.
- Migrating fish: Risk of disturbance and damage to habitat of a protected species
- Archaeology: Risk of damage to features
- Works adjacent to College; multiple vehicle and pedestrian movements
- Maintenance / Cleaning / Operation

#### Decommissioning / Demolition

Refer to the design risk register for further details. It is assumed that all the works on this drawing will be carried out by a competent contractor who has carried out a comprehensive risk assessment. Note site wide risks are not shown, see CDM Risk Register for further details.

C01	ISSUED FOR CONSTRUCTION		SS	JL	RC	04.06.21
P01	FOR CONSTRUCTION APPROVAL		SS	JL	RC	31.03.21
Rev.	Description		Drawn	Chkd	Appd.	Issue Date
<div><div></div><div><div>Cyfoeth Naturiol Cymru</div><div>Natural Resources Wales</div></div></div>			<div>ARUP</div>			
Project Name.						
AMMANFORD FLOOD RISK MANAGEMENT SCHEME						
Drawing Title. CWMLLWCHWR MILL FISH PASS AND GROUND LOWERING GENERAL ARRANGEMENT AND SETTING OUT						
Subsidiary. ISSUED FOR CONSTRUCTION					Subsidiary Code. A	
Internal Project Number. 272976			Scale. 1:100 @ A1		Rev. C01	
Drawing Number. 272967-ARP-CM-XX-DR-CE-1002						



PLAN  
SCALE 1:100

