












ECOLOGICAL ENHANCEMENT SCHEDULE

Llancarfan Primary School (Rhoose)

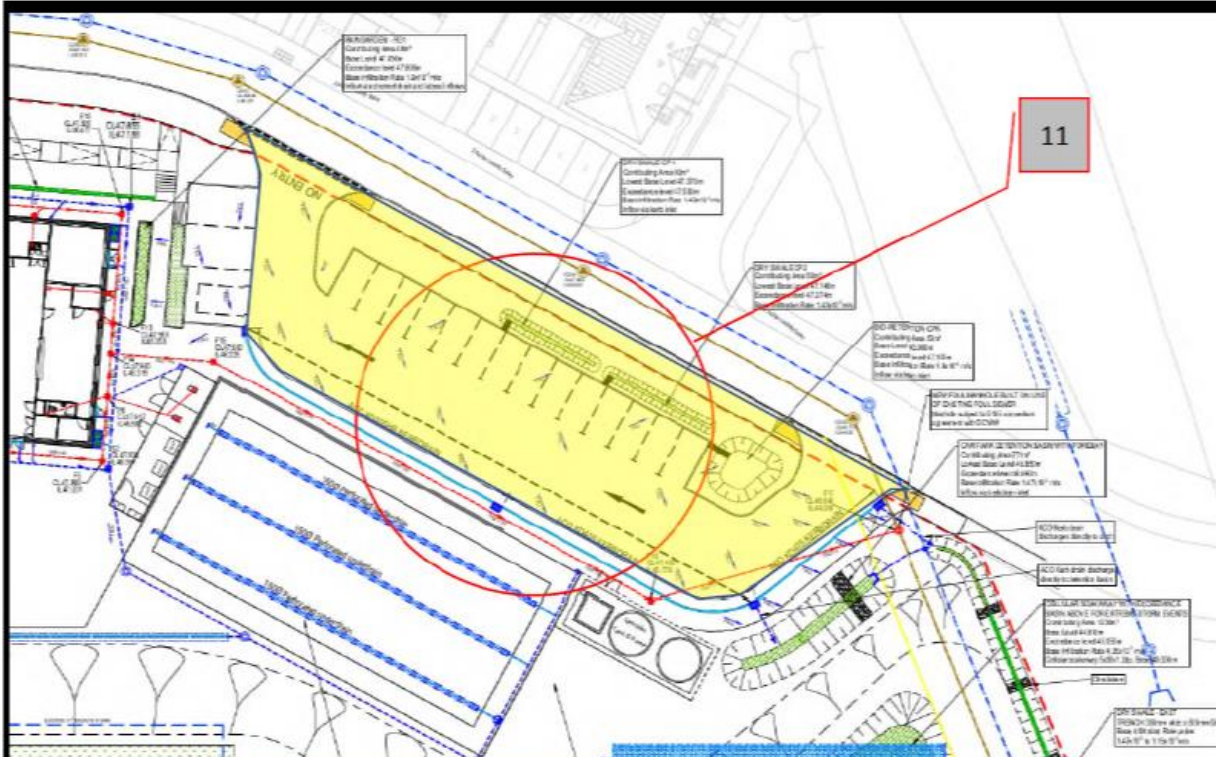
Abstract

Schedule of works relating to the ecological enhancements outlined in the submitted Ecological Report produced by Aecom under the approved 2020/00741/RG3 application.

Table 1. Timetable for delivery.

Item	Description	Date of delivery
1	 <p>Proposed new trees All to be double staked. Where planted in grass, to include a 1200mm diameter of bark mulch of 50mm depth. 11No. total.</p>	Dependent on substantial leaf drop of selected trees held within nursery. Estimated to be early November 2021
2	 <p>Proposed perennial planting mix</p>  <p>Growing gardens, raised timber sleeper planters, to be planted up by the school children.</p>  <p>Sports pitch turf.</p>  <p>Grassed slopes, banking to accommodate level changes or bioretention areas. To engineers details. Opportunity for wildflower/ecological grassland swathes to be implemented.</p>	Late September 2021
3	 <p>Grassed area, multi-purpose hard wearing turf.</p>  <p>Existing habitat area to be retained or enhanced.</p>  <p>Rain garden planting. Construction of rain gardens to be detailed by engineer. List of planting is typical planting schedule for rain gardens and subject to further study. Rain garden planting densities/spacing are subject to further detailed studies, working in coordination with the Engineer. Drainage rates/flows to be calculated by Engineers.</p>  <p>Land drain.</p> <p>Includes provision of reptile / hedgehog log pile.</p>	Late September 2021 (seeded only no turf)
4	<p>Bird and bat boxes to be placed on trees in line with the ecologist recommendations Includes boxes to be fitted to proposed school building to located marked on attached Ecological Enhancement Plan.</p>	Late September 2021

Llancarfan CIW School Phase Installation Work Section 1-North



Period of construction:

Installation sequence

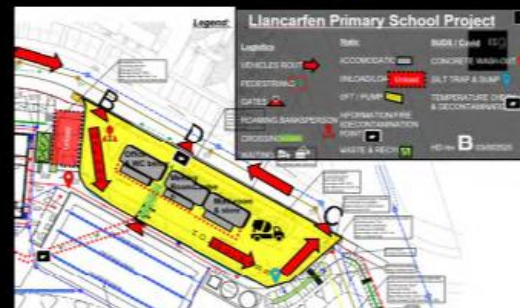
- Install run-off control measures
- Excavate and remove stone layer
- Import stone and install works as per the design
- Installation of Silt trap (as below)
- Lay surface finishes (not final layer)
- Use space for contractor welfare (site cabins)

Control Measures

- Gully socks – road gullies in adjacent carriageway will have gully socks fitted to stop any silt infiltration during construction
- Silt fencing – use silt fencing to ensure no run off is controlled
- Catch pits – excavate and line with Geotextile material.
- Utilise hoarding base to catch silt run-off to south

1 Section

1	Key Dates & Milestones		12w 2d	17 Jul 20	18 Oct 21
2	starting date	100.00		17 Jul 20	17 Jul 20
3	Taylor Wimpey handover to VoG			15 Sep 20	15 Sep 20
4	access date 1 (mobilisation)			19 Oct 20	19 Oct 20
5	access date 2 (Building works)			09 Nov 20	09 Nov 20
6	Planned completion			31 Aug 21	31 Aug 21
7	Terminal float		6w 4d	31 Aug 21	15 Oct 21
8	Completion Date			18 Oct 21	18 Oct 21
9	New School Opens (for new school term)			18 Oct 21	18 Oct 21
10	Mobilisation		3w	19 Oct 20	09 Nov 20
11	Mobilisation (incl. site set up)		3w	19 Oct 20	05 Nov 20
12	Start on Site			09 Nov 20	09 Nov 20
13	New Build Construction		30w 3d	09 Nov 20	27 Aug 21
14	SUBSTRUCTURE		9w	09 Nov 20	20 Jan 21
15	Service diversions		1w	09 Nov 20	13 Nov 20
16	Strip Site		1w	16 Nov 20	20 Nov 20



Rev	Date	Reason for Issue
C3	03/09/20	CP Plan Integrations
C2	30/06/20	Covid 19 & School logistics amended
C1	23/03/20	Construction Stage



Date: 03/09/2020

Number	Revision
P1	C3

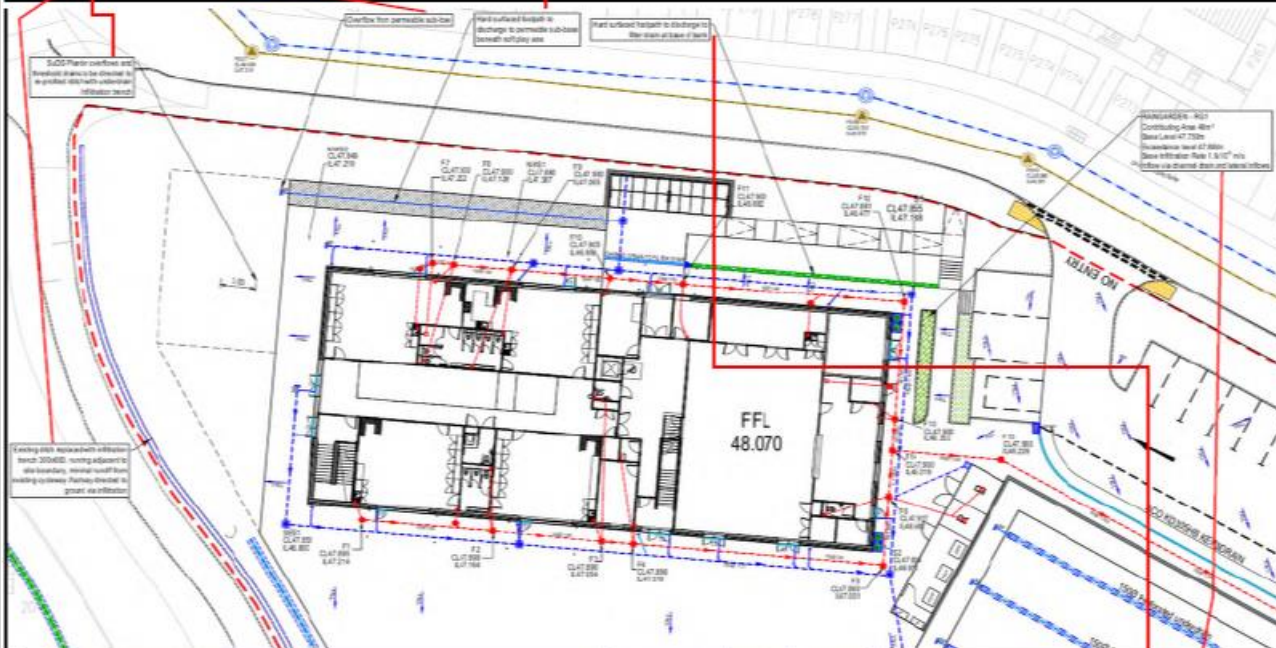
Llancarfan CIW School Phase Installation Work Section 2-WEST



ISG

133

140



Period of construction:

Installation sequence

- Install run-off control measures
- Excavate and remove stone layer
- Import stone and install works as per the design
- Lay surface finishes (not final layer)
- Use space for contractor welfare (site cabins)

Control Measures

- Gully socks – road gullies in adjacent carriageway will have gully socks fitted to stop any silt infiltration during construction
- Silt fencing – use silt fencing to ensure no run off is controlled
- Catch pits – excavate and line with Geotextile material.
- Utilise hoarding base to catch silt run-off to south

2 Section

C3 03/09/20 CP Plan integrations

C2 30/06/20 Covid 19 & School logistics amended

C1 23/02/20 Construction Stage

Rev Date Reason for issue



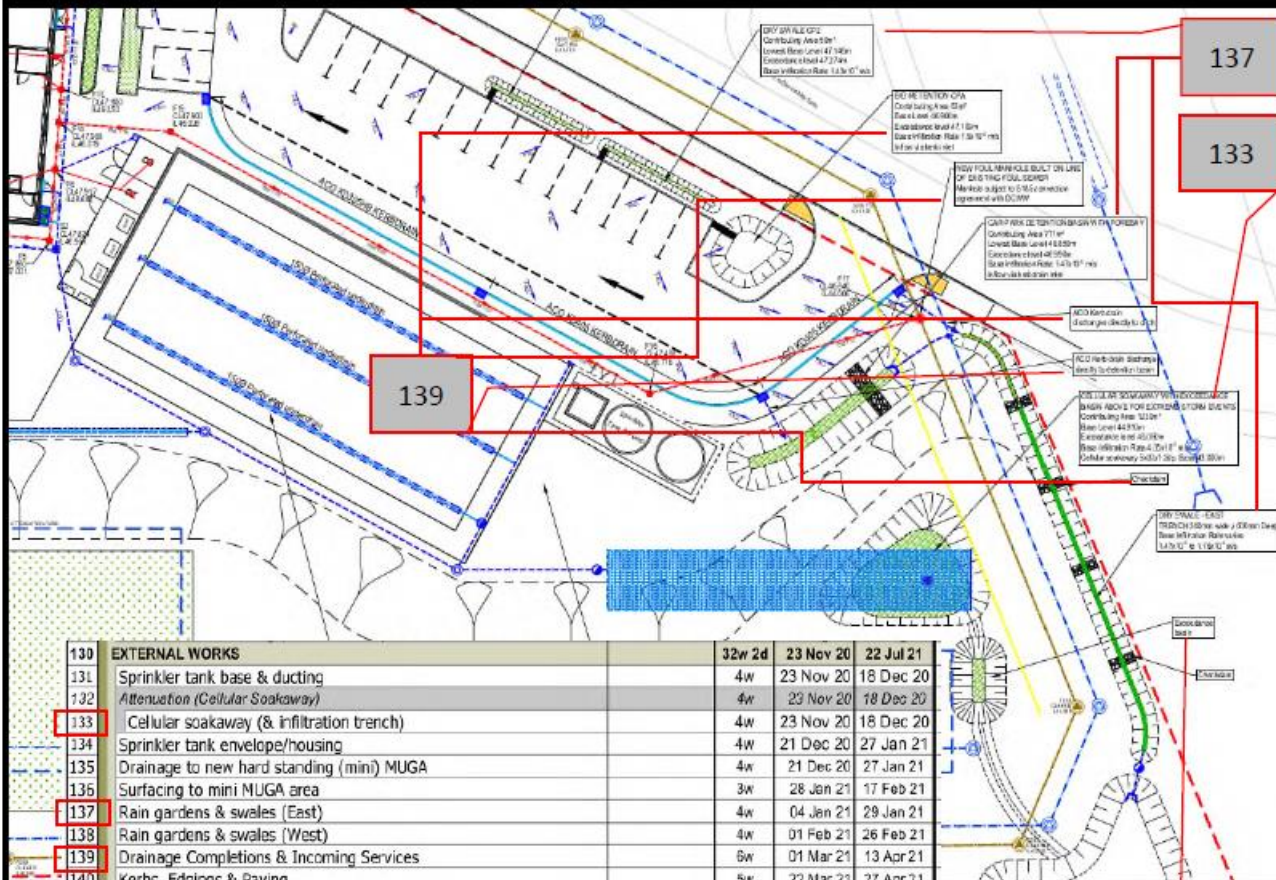
Date
03/09/2020

Number P1 Revision C3

138

		32w 2d	23 Nov 20	22 Jul 21
130	EXTERNAL WORKS			
131	Sprinkler tank base & ducting	4w	23 Nov 20	18 Dec 20
132	Attenuation (Cellular Soakaway)	4w	23 Nov 20	18 Dec 20
133	Cellular soakaway (& infiltration trench)	4w	23 Nov 20	18 Dec 20
134	Sprinkler tank envelope/housing	4w	21 Dec 20	27 Jan 21
135	Drainage to new hard standing (mini) MUGA	4w	21 Dec 20	27 Jan 21
136	Surfacing to mini MUGA area	3w	28 Jan 21	17 Feb 21
137	Rain gardens & swales (East)	4w	04 Jan 21	29 Jan 21
138	Rain gardens & swales (West)	4w	01 Feb 21	26 Feb 21
139	Drainage Completions & Incoming Services	6w	01 Mar 21	13 Apr 21
140	Kerbs, Edgings & Paving	5w	22 Mar 21	27 Apr 21
141	Permanent Fencing	4w	14 Apr 21	12 May 21
142	Soft Play (earthworks, profiling & seeding)	4w	14 Apr 21	12 May 21
143	Sports play area (earthworks, profiling & seeding)	4w	13 May 21	10 Jun 21
144	External Furniture & Equipment	2w	13 May 21	26 May 21
145	Planting & Seeding	3w	28 Apr 21	19 May 21
146	Tree Pits & Trees	3w	04 Jun 21	24 Jun 21
147	Signage	1w	02 Jul 21	08 Jul 21
148	Surfacing to car park area	3w	11 Jun 21	01 Jul 21
149	Surfacing to hard play area (Junior & Infant)	3w	02 Jul 21	22 Jul 21

Llancarfan CIW School Phase Installation Work Section 3-EAST



Period of construction:

- Installation sequence**
- Install run-off control measures
 - Excavate and remove stone layer
 - Import stone and install works as per the design
 - Lay surface finishes (not final layer)
 - Use space for contractor welfare (site cabins)

- Control Measures**
- Gully socks - road gullies in adjacent carriageway will have gully socks fitted to stop any silt infiltration during construction
 - Silt fencing – use silt fencing to ensure no run off is controlled
 - Catch pits – excavate and line with Geotextile material.
 - Utilise hoarding base to catch silt run-off to south

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132	Attenuation (Cellular Soakaway)	4w	23 Nov 20	18 Dec 20
133	Cellular soakaway (& infiltration trench)	4w	23 Nov 20	18 Dec 20
134	Sprinkler tank envelope/housing	4w	21 Dec 20	27 Jan 21
135	Drainage to new hard standing (mini) MUGA	4w	21 Dec 20	27 Jan 21
136	Surfacing to mini MUGA area	3w	28 Jan 21	17 Feb 21
137	Rain gardens & swales (East)	4w	04 Jan 21	29 Jan 21
138	Rain gardens & swales (West)	4w	01 Feb 21	26 Feb 21
139	Drainage Completions & Incoming Services	6w	01 Mar 21	13 Apr 21
140	Kerbs, Edgings & Paving	5w	22 Mar 21	27 Apr 21
141	Permanent Fencing	4w	14 Apr 21	12 May 21
142	Soft Play (earthworks, profiling & seeding)	4w	14 Apr 21	12 May 21
143	Sports play area (earthworks, profiling & seeding)	4w	13 May 21	10 Jun 21
144	External Furniture & Equipment	2w	13 May 21	26 May 21
145	Planting & Seeding	3w	28 Apr 21	19 May 21
146	Tree Pits & Trees	3w	04 Jun 21	24 Jun 21
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148	Surfacing to car park area	3w	11 Jun 21	01 Jul 21
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3 Section

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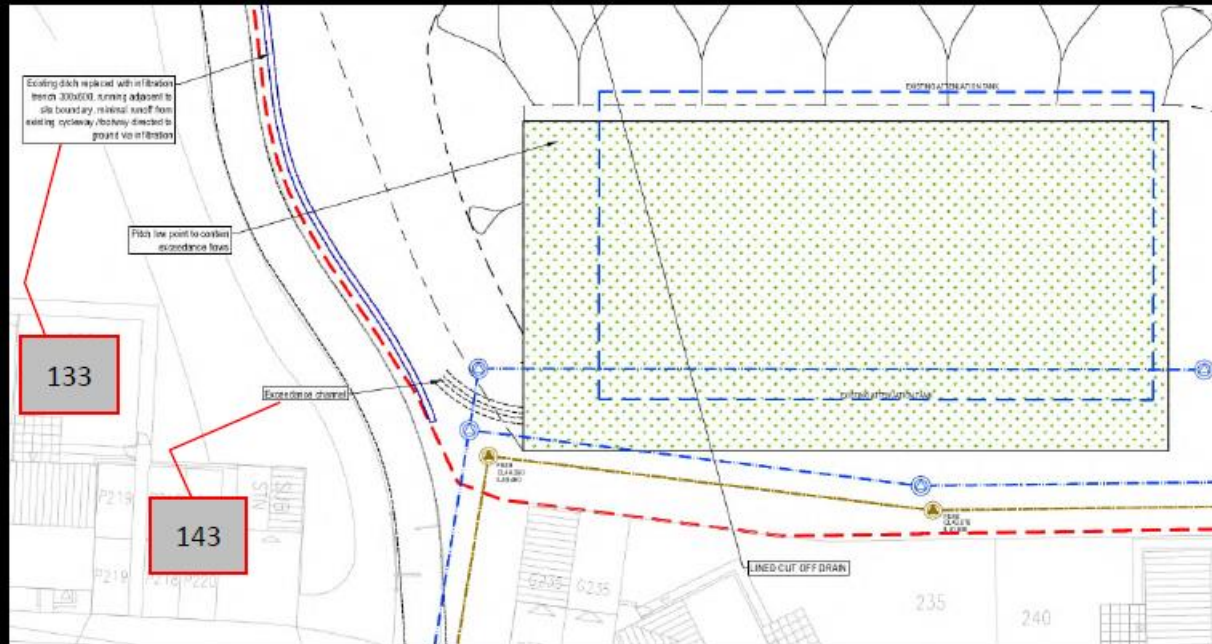
Date
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Number	Revision
P1	C3

Llancarfan CIW School Phase Installation Work Section 4-SOUTH



ISG



Period of construction:

Installation sequence

- Install run-off control measures
- Excavate and remove stone layer
- Import stone and install works as per the design
- Lay surface finishes (not final layer)
- Use space for contractor welfare (site cabins)

Control Measures

- Gulley socks - road gullies in adjacent carriageway will have gully socks fitted to stop any silt infiltration during construction
- Silt fencing - use silt fencing to ensure no run off is controlled
- Catch pits - excavate and line with Geotextile material.
- Utilise hoarding base to catch silt run-off to south

4

Section

		32w 2d	23 Nov 20	22 Jul 21
130	EXTERNAL WORKS			
131	Sprinkler tank base & ducting	4w	23 Nov 20	18 Dec 20
132	Attenuation (Cellular Soakaway)	4w	23 Nov 20	18 Dec 20
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