

Appendix 13.1: Outline Access Management Plan



Loch Liath Wind Farm Ltd

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Appendix 13.1 Outline
Access Management
Plan

Final report
Prepared by LUC
April 2023



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Appendix 13.1 Outline Access Management Plan

Project Number
 11057

Version	Status	Prepared	Checked	Approved	Date
1.	Final	LUC	LUC	LUC	20.04.2023

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Appendix 13.1 Outline Access Management Plan

Introduction

1.1 This Outline Access Management Plan (OAMP) has been prepared by LUC on behalf of Loch Liath Wind Farm Ltd (a company wholly owned by Statkraft UK Limited hereinafter referred to as 'the Applicant') to illustrate how public access rights will be managed on off road access tracks during construction of the Loch Liath Wind Farm (hereafter referred to as the 'Proposed Development'). Access on the public road network has been assessed within **Chapter 12: Access, Traffic and Transport** of the EIA Report. The OAMP will be reviewed and refined as required by the Principal Contractor prior to construction in conjunction with The Highland Council access team.

Proposed Development Description

1.2 The Proposed Development includes up to 13 wind turbines and associated infrastructure located in an upland area to the west of the Great Glen and Loch Ness within The Highland Council (THC) administrative area. The construction phase of the Proposed Development is approximately 18 months, and the operational period is anticipated to be 35 years. The Proposed Development description is discussed in detail in **Chapter 4: Project Description** of the EIA Report.

Methodology

1.3 This OAMP has been written in line with the requirements set out in the SNH (now NatureScot) *Guidance for the Preparation of Outdoor Access Plans*¹. The guidance specifies the five steps that should be set out within an Outdoor Access Plan as shown in **Table 13.1.1** below and used to form the basis of this OAMP.

Table 13.1.1: Outdoor Access Plans Methodology Best Practice Guidelines

Step 1	Identify the purpose, aims and objectives of the Outdoor Access Plan.
Step 2	Establish the outdoor access baseline affected by the development proposal.
Step 3	Identify predicted development impacts and potential enhancements on the outdoor access baseline.
Step 4	Mitigate the predicted development impacts, and design potential enhancements.
Step 5	Manage and monitor the implementation of the Outdoor Access Plan.

Access Baseline

1.4 The Applicant has consulted The Scottish Rights of Way and Access Society (Scotways). This identified that a short section of the existing Bhlaraidh access route which will be used to access the Proposed Development overlaps with a route identified by ScotWays (HI71).

1.5 There are no other existing non-motorised public access footpaths, bridleways or cycle paths within the Site boundary.

1.6 The Land Reform (Scotland) Act 2003 gives the public rights to non-motorised access to most land in Scotland. This allows the right to walk, cycle, ride a horse and camp within the Site of the Proposed Development, provided it is done responsibly.

1.7 Meall Fuar-mhonaigh (699m Above Ordnance Datum (AOD)) is a popular local hill, the view from which formed a key component of the design of the Proposed Development. The path is located beyond the eastern boundary of the Site as shown on **Figure 13.1** of the EIA Report. The Applicant is proposing to upgrade a section of this route as part of a proposed enhancement measure associated with the Proposed Development. This is detailed further below in the section on 'Access Enhancements'. **Annex A** provides details of the 'Red level survey' which was undertaken on the Meall Fuar-mhonaigh path, as requested by The Highland Council Access Officer. Photos of the path are provided in **Annex B**.

¹ SNH (2010) Guidance for the preparation of Outdoor Access Plans. Available at: <https://www.nature.scot/sites/default/files/2017-06/B639282%20-%20A%20Brief%20Guide%20to%20Preparing%20Outdoor%20Access%20Plans%20-%20Feb%202010.pdf>

Potential Access Effects

1.8 Effects that could occur during construction include:

- Health & Safety implications during the construction phase arising from the potential 'interface' between routes used by the public and construction activity (e.g., unavoidable shared use of access tracks involving vehicular movements, machinery operations, and equipment/materials storage); and
- Adverse effects on particular interest groups (e.g., walkers, cyclist, and horse-riders) during construction.

1.9 Potential works during the operational phase that may affect access include operational site monitoring, turbine servicing and maintenance, maintaining site access tracks and bridges, maintaining drainage ditches, and repairing gates and fences. Additional impacts include potential ice throw and lightning during adverse weather.

1.10 Chapter 12: Traffic and Transport has predicted **Significant (Major)** effects on the route H171 prior to mitigation. This route is part of the existing route used to access the operational Bhlaraidh Wind Farm. Mitigation in the form of a Construction Traffic Management Plan, Abnormal Load Transportation Management Plan, a Staff Sustainable Access Plan and this Access Management Plan reduces the level of effects to Minor and not significant. As set out in **Chapter 13: Socio Economics** of the EIA Report, as the H171 route is part of an existing access used for wind farm traffic, it is therefore not anticipated to be heavily used recreationally. As such, a detailed assessment of direct impacts on this route has not been undertaken within **Chapter 13** as no significant effects are anticipated in terms of recreation. No significant effects on any other recreational routes have been predicted during construction or operation of the Proposed Development with the exception of visual effects which are discussed in **Chapter 6: Landscape and Visual Amenity** of the EIA Report.

Access Arrangements and Mitigation

Access Arrangements During Construction

Health and Safety

1.11 All construction activities will be managed within the requirements of the Construction (Design and Management) (CDM) Regulations 2015 and will not conflict with the Health and Safety at Work Act 1974. The design of the Proposed Development will continue to take full account of these regulations. To further reduce possible health and safety risks, a Health and Safety Plan for the project will also be drawn up. All construction staff and contractors will be required to comply with the safety procedures and work instructions outlined in the Health and Safety Plan at all times.

1.12 To ensure that hazards are appropriately managed, risk assessments will be undertaken for all major construction activities, with measures put in place to manage any hazards identified.

1.13 During construction, access into the area of the Site where the turbines are to be located will be restricted for the general public on health and safety grounds. The proposed access currently facilitates the operational Bhlaraidh Wind Farm and access gates have been installed at the Site entrance to limit unauthorised vehicles from entering the Site. It is likely that these gates will remain throughout the lifetime of the Proposed Development

1.14 It is anticipated that there is no option for alternative access in place of the H171 route and that the provision of measures outlined within this document will be implemented to ensure the health and safety of any path users for the duration of construction. The proposed measures will compliment any existing measures in place to mitigate any effects for the operational Bhlaraidh Wind Farm. The Applicant does not intend on closing the H171 during construction of the Proposed Development, subject to the successful implementation of suitable mitigation measures, so long as the health and safety of the public is not compromised. The below mitigation measures will be implemented and will be reviewed at regular intervals at Health and Safety meetings with the Principal Contractor to review their successful implementation and whether additional measure are required. Proposed mitigation measures will include but not be limited to the following:

- Installation of route crossing points (including signage);
- Consideration of temporary management systems;

- Consideration of diversions;
- Agreement that path users would have the right of way;
- Separation of plant and pedestrian mechanisms (for example including Heras fencing as a barrier);
- Consideration of a temporary restraint system (Vehicle Restraint Systems VRS) will be undertaken for higher risk areas to provide additional protection to H171 route uses if construction works will be undertaken whilst the paths remain open;
- Information signage, leaflets etc advising on the development construction activity (plant, vehicles, and machinery) and the temporary changes to baseline access provision (See **Plate 13.1.3** for example warning signage²);
- Enforcement of speed limit on tracks for all construction vehicles / plant;
- Enforcement of speed limit advisory signage including on exit of the Site to remind drivers of local speed limits;
- Use of hazard / flashing beacons on all construction vehicles when using access tracks; and
- Delivery of Toolbox Talks to all Site workers to ensure awareness of potential presence of path users.

1.15 These measures will ensure that access is enabled as far as possible without the health and safety of the route users being compromised. If for any reason there are times when safe access is not possible, this will be communicated to the public through on-site and off-site public information including for, example, the project website and liaising with local community councils.

Interest Groups

1.16 It is anticipated that both local residents and visitors may use the H171 route. To mitigate for adverse effects on these users (walkers, cyclists and horse-riders), a communication strategy will be implemented during construction. This will include on-site and off-site public information / interpretation board provision. Boards will contain phone numbers of liaison officers who may be contacted for further information.

1.17 The Applicant would liaise with the landowners to minimise the disruption to estate run activities where possible.

Access Arrangements During Operation

1.18 During operation, signage will be put in place at the entrance to the Proposed Development to highlight to the public the risk of entering the Proposed Development (e.g., ice throw and lightning etc.) and ongoing estate activities (for example game shooting).

1.19 There would be infrequent visits for wind farm maintenance, however, this is not predicted to be significant or adversely affect the health and safety of the public as it would not be largely different to the current baseline whereby the existing track built for Bhlairaidh Wind Farm is already used for these purposes.

Plate 13.1.3 Example of pedestrian warning sign (left) and construction staff warning sign (right) to be used along the length of the access track²



Wider Access Rights

1.20 No additional measures are proposed for wider access rights.

Access Enhancements

1.21 The Applicant will support the upgrading of the path to the summit of Meall Fuar-mhonaigh, which will enhance access and enjoyment of the wider area, outside the Site itself, as requested by The Highland Council Access Officer³.

1.22 The proposals for upgrade have been based on an initial walkover undertaken by a trained mountain guide, followed by further discussions with The Highland Council and a subsequent Red Level Survey of the route presented in **Annex A**. All information gathered highlighted the popular but degraded nature of the existing route and the need for significant work to ensure that the route remained accessible for walkers. The current level of degradation of the path, combined with the footfall traffic, has resulted in sections of the track becoming wet and boggy; further exacerbated as walkers seek out drier ground, ultimately widening the area of impact. Without these enhancements, the route is expected to become inaccessible to less experienced walkers and climbers as it continues to degrade, and is likely to impact the quality of the neighbouring habitats. The work undertaken by the Applicant is expected to ensure that the route continues to contribute to the leisure and wellbeing of locals and visitors, whilst also reducing the impact to surrounding habitats.

1.23 Enhancement works will include the upgrade and improvement of the section of path from the deer stile to the summit which was identified during the survey work as being in a degraded state. The upgrade will include the construction of raised aggregate paths or stone pitched paths, as advised by survey work (as set out in **Annex A**), with the installation of appropriate drainage including water bars and cross-drains to ensure hydrological connectivity of habitats and protect the integrity of the path.

² Traffic Signs Manual Chapter 8 compliant temporary road signage would be used Plate is just an indicative example for illustrative purposes.

³ Comments from THC Access Officer received 03/02/2021. Planning reference: 21/00123/SCOP

1.24 The Applicant is also proposing to install an information board which will provide details of the local ecology of the area, including local ornithological interest and habitat compositions. The information board would aim to draw attention to the importance of the ecology in the local area, and provide measures which walkers can take to minimise disturbance and ensure walking activities can be undertaken responsibly.

1.25 During operation, there will not be any enhanced access granted via the newly constructed tracks through the Site. Gates will be in situ along the wind farm access tracks, only allowing access to authorised vehicles. The access regarding the H171 route and wider access rights⁴ will return to how it was previously at the baseline.

Management and Monitoring

1.26 The Access Management Plan will be implemented by the Principal Contractor who will work with the Access Officer within THC to finalise this plan prior to construction commencing. The Access Management Plan will be regularly reviewed during construction, and will be discussed in monthly Health and Safety meetings, to ensure it has fully considered all the impacts on the access baseline.

1.27 The access tracks and all temporary infrastructure (e.g., Heras fencing, route crossing points and signage) will be maintained throughout the construction phase.

Conclusions

1.28 The Applicant aims to manage access during construction of the Proposed Development and by implementing this Access Management Plan, it is anticipated that, on the whole, access will be able to continue without compromising the health and safety of any route users. During operation of the Proposed Development, there will not be any access restrictions on the H171 route and access conditions to the H171 route and wider access rights would return to how they were at the baseline. The Applicant aims to ensure public health and safety by installing information signage about the wind farm and potential risks. There will be gates in situ along the newly constructed wind farm tracks and access will not be enhanced to the public within the Site as a result of the Proposed Development. However, the Applicant does propose access enhancements to the path which provides access to the summit of Meall Fuar-mhonaidh.

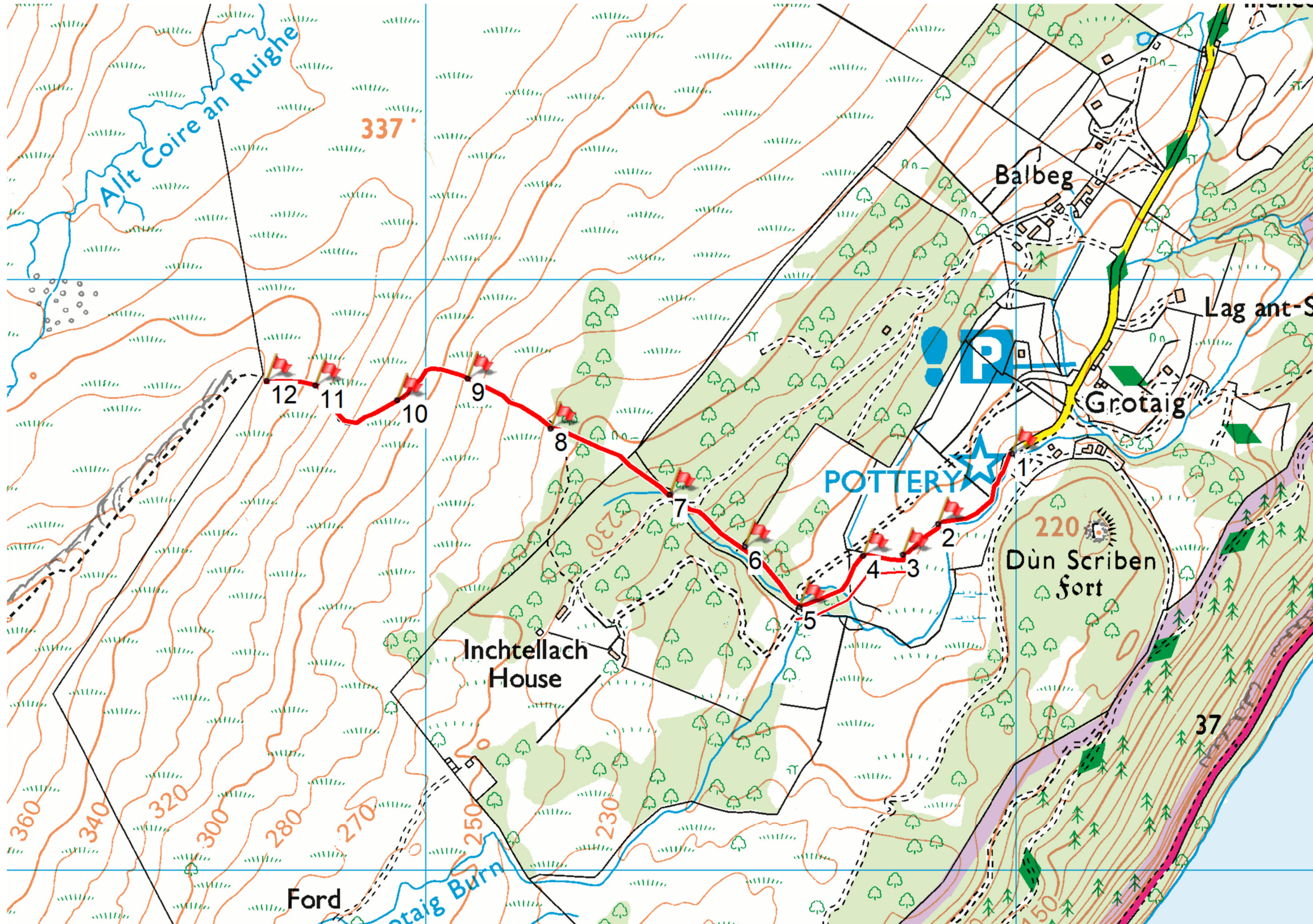


Showing a view of the landscape from the Meall Fuar-mhonaidh path.

⁴ As set out in The Land Reform (Scotland) Act 2003.

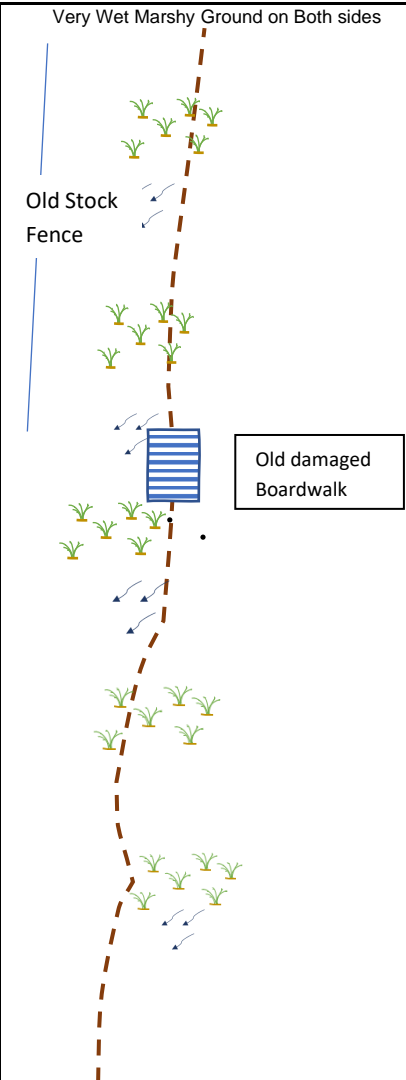

Annex A Red Level Survey Report

Lower Hill Path Map from Road at NH 48995 23709 to Stile at NH 47732 23840

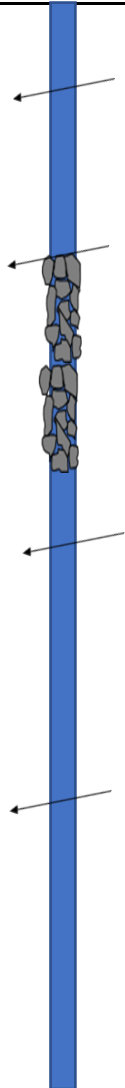


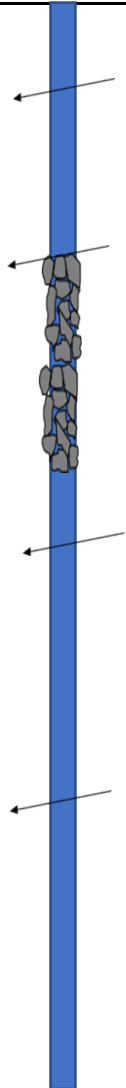
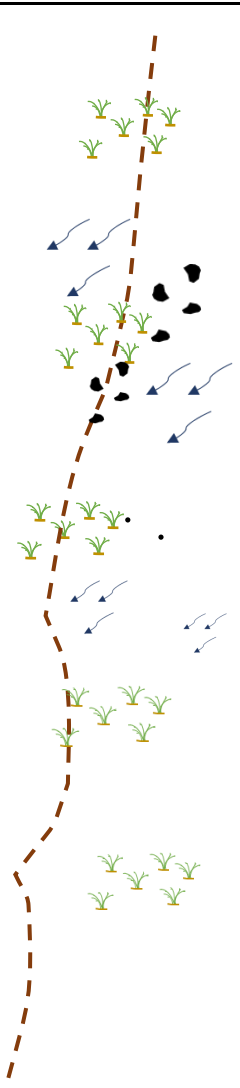
Path Name: Loch Liath WF Lower Path			Machine Build – imported Material	Section 1	
Existing Route			Work Required	Description	
201m	2°	<p>Point 2 NH 48869 23589</p> <p>Wet Ground between burn and fance</p> <p>Grotaig Burn</p> <p>Deer Fence</p> <p>Point 1 NH 47732 23840</p>		<p>201m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>Install 4.no Water Bars</p> <p>Install 4.no Pipe Culverts</p>	
0m	-	<p>Section 1 Start At Road End NH 48995 23709</p>	-		
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

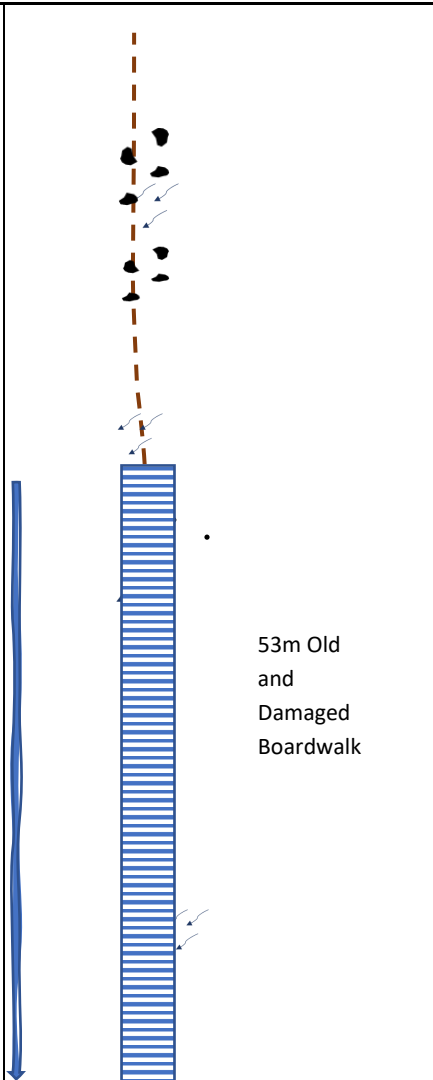
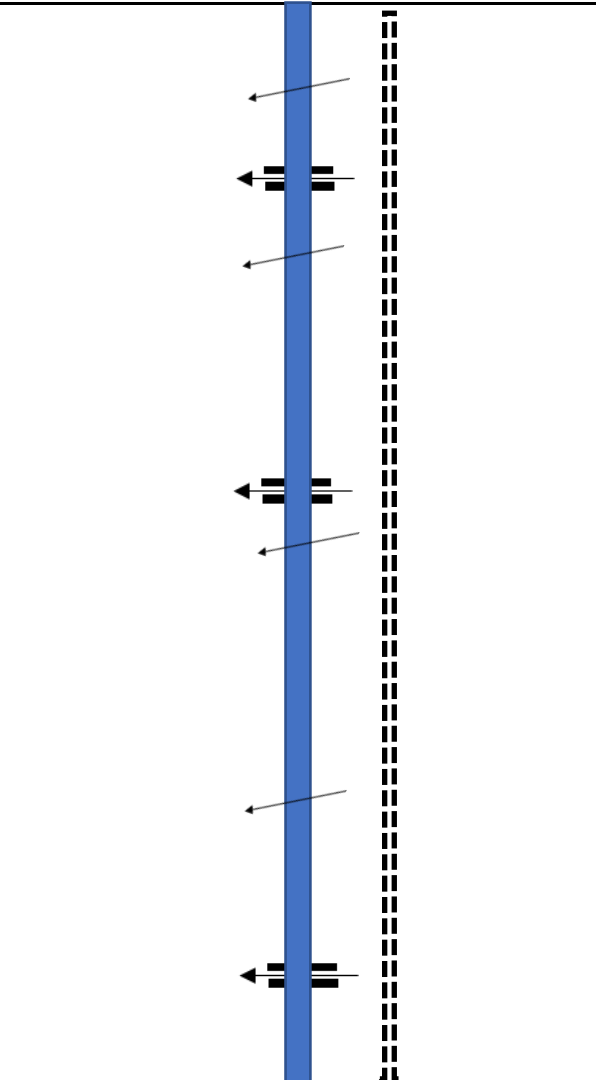
Path Name: Loch Liath WF Lower Path			Machine Build – imported Material	Section 2
Existing Route			Work Required	Description
159m/ 360m	2°	Point 3 NH 48742 23536 Point 2 NH 448869 23589		<p>159m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>Install 4.no Pipe Culverts</p>
201m		Very Wet Marshy Ground on Both sides Old Stock Fence Deer Gate		
Dist. (m)	G(°)	Point/grn	Work Required	Description

Path Name: Loch Liath WF Lower Path		Machine Build – imported Material	Section 3		
Existing Route		Work Required	Description		
154m/ 514m	2°	 <p>Very Wet Marshy Ground on Both sides</p> <p>Old Stock Fence</p> <p>Old damaged Boardwalk</p>	<p>154m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>Install 2.no Pipe Culverts</p>		
360m					
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

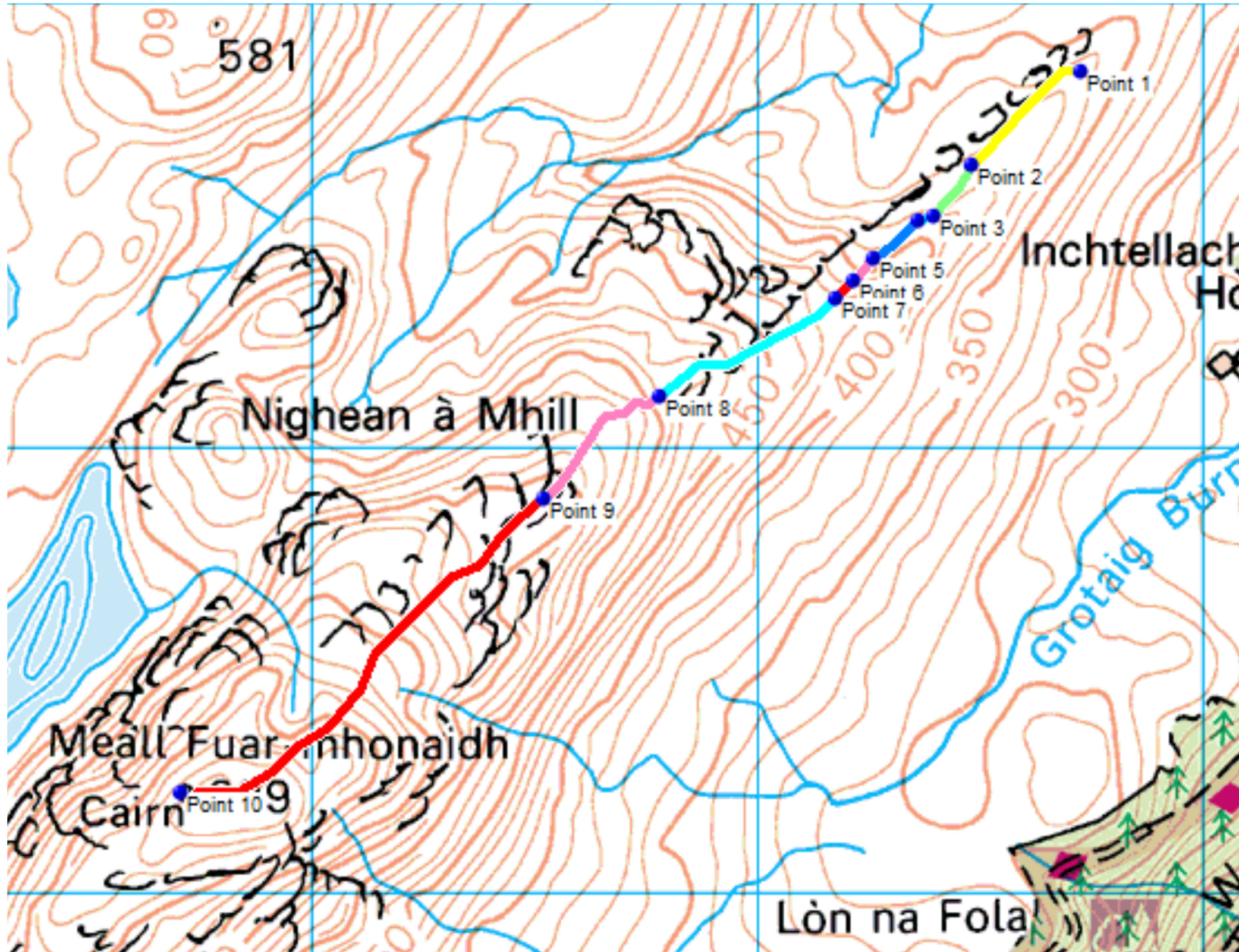
Path Name: Loch Liath WF Lower Path			Machine Build – imported Material	Section 4	
Existing Route			Work Required	Description	
141m/ 655m	2°	Point 5 NH 48542 23551		<p>126m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>15m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joints. Use excavated turfs, spoil and boulders to define and contain the path edge.</p> <p>Install 3 no. Pipe Culverts</p> <p>Install 3 no. Stepping Stones</p>	
514m		Point 4 NH 48635 23449			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

Path Name: Loch Liath WF Lower Path			Machine and Hand Build – imported Material	Section 5	
Existing Route			Work Required	Description	
182m/ 837m	6/9°	Point 6 NH 48416 23638		<p>121m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>56m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joints. Use excavated turfs, spoil and boulders to define and contain the path edge.</p> <p>Install 4.no Water Bars</p>	
655m		Point 5 NH 48542 23551			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

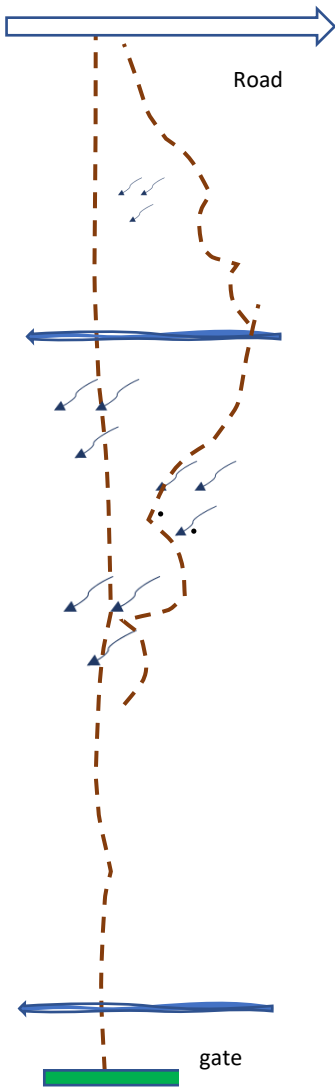


Path Name: Loch Liath WF Lower Path			Machine Build – imported Material	Section 6	
Existing Route			Work Required	Description	
87m/ 914m	2°	Point 7 NH 48348 23690 Point 6 NH 48416 23638  <p>53m Old and Damaged Boardwalk</p>		<p>87m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>87m Side Drain</p> <p>Install 3 no. Pipe Culverts</p> <p>Install 4.no Water Bars</p>	
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

Upper Hill Path Map to from Stile at NH 47732 23840 to Summit

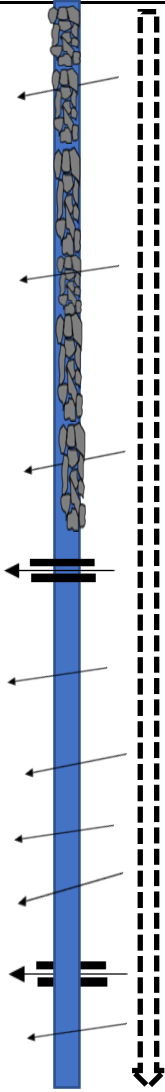


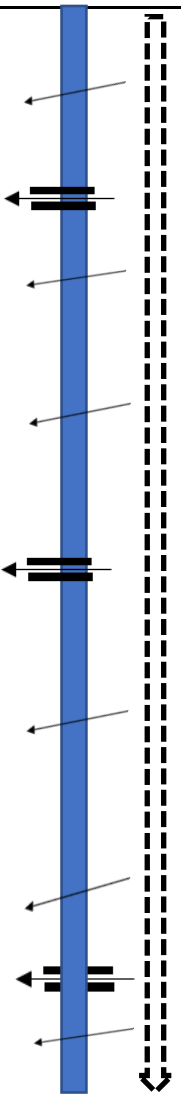
Path Name: Loch Liath WF Lower Path			Machine Build – imported Material	Section 7	
Existing Route			Work Required	Description	
143m/ 1057m	6°	Point 8 NH 48216 23739		<p>143m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>123m Side Drain</p> <p>Install 3 no. Pipe Culverts</p> <p>Install 5.no Water Bars</p> <p>Install 4 Stepping Stones</p>	
914m		Point 7 NH 48348 23690			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

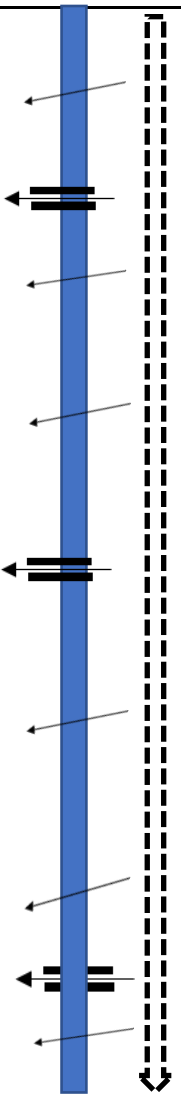
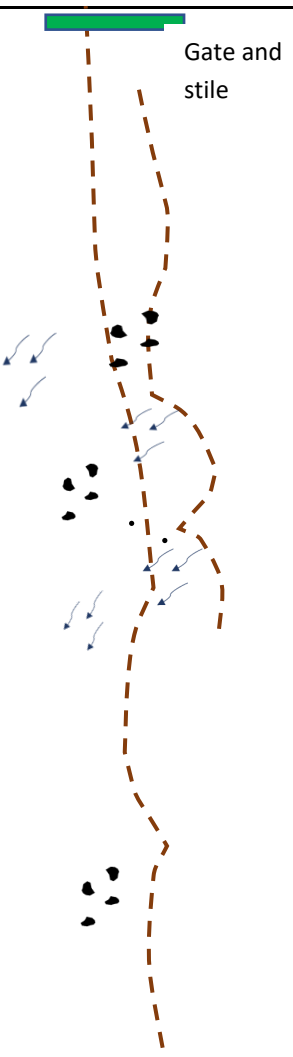


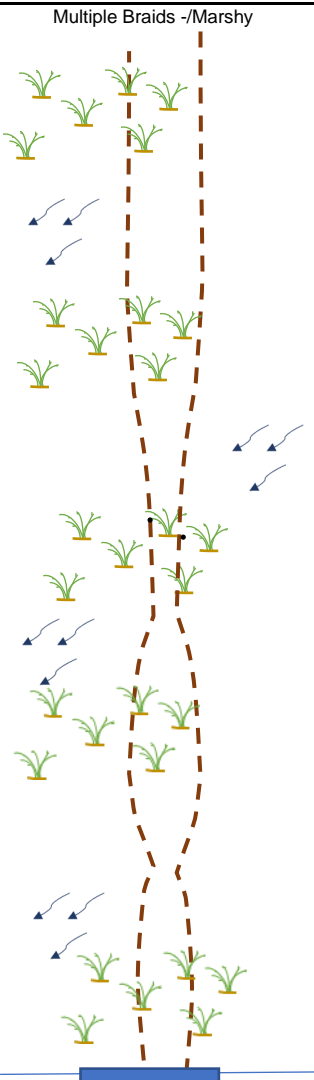
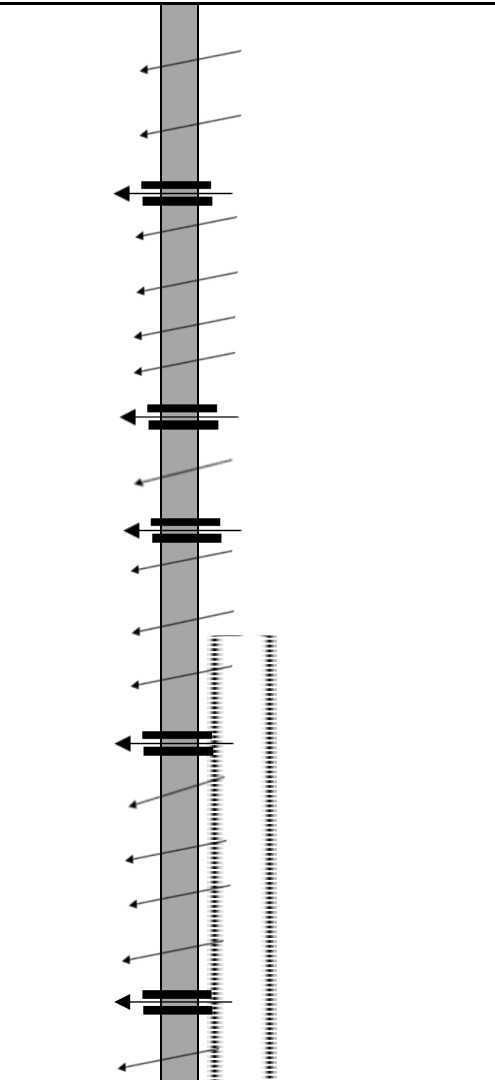
Path Name: Loch Liath WF Lower Path			Hand Build – imported Material	Section 8	
Existing Route			Work Required	Description	
162m/ 1219m	6°	Point 9 NH 48025 23822		<p>56m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joints. Use excavated turfs, spoil and boulders to define and contain the path edge.</p> <p>33m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>5m Stone Pitched Path</p> <p>28m Raised Aggregate Path</p> <p>5m Stone Pitched Path</p> <p>47m Raised Aggregate Path</p> <p>162m Side Drain</p> <p>Install 2 no. Pipe Culverts</p> <p>Install 5.no Water Bars</p>	
1057m		Point 8 NH 48216 23739			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

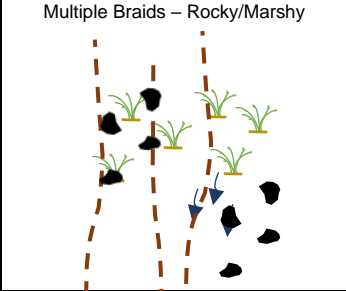
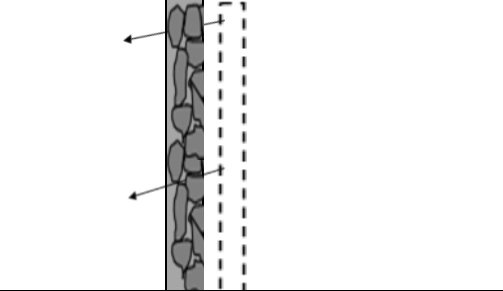
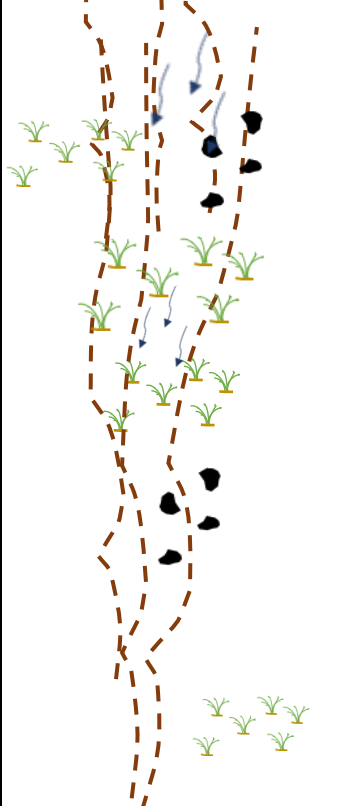
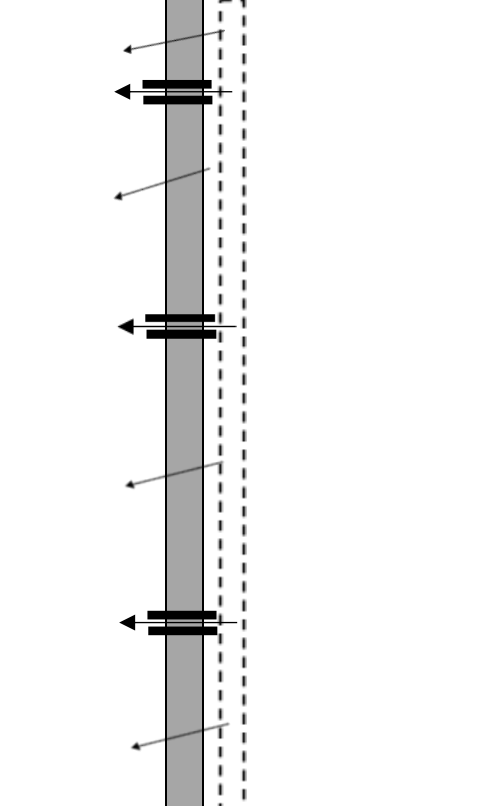
Path Name: Loch Liath WF Lower Path			Hand Build – imported Material	Section 9	
Existing Route			Work Required	Description	
162m/ 1381m	6°	Point 10 NH 47932 23786		<p>87m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>31m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joints. Use excavated turfs, spoil and boulders to define and contain the path edge.</p> <p>34m Raised Aggregate Path</p> <p>162m Side Drain</p> <p>Install 3 no. Pipe Culverts</p> <p>Install 5.no Water Bars</p>	
1219m		Point 9 NH 48025 23822			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

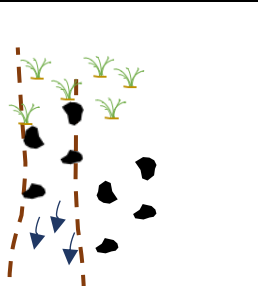
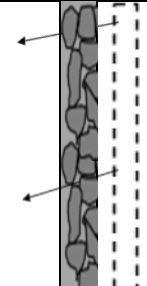
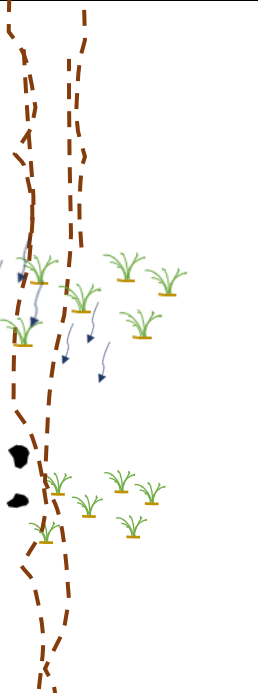
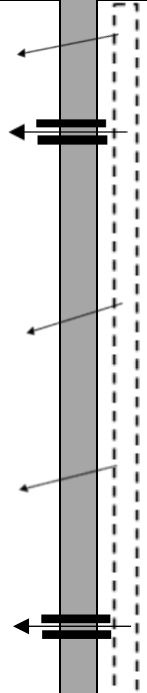

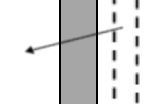
Path Name: Loch Liath WF Lower Path			Hand Build – imported Material	Section 10	
Existing Route			Work Required	Description	
210m/ 1591m	11 °	Point 11 NH 47817 23824		<p>99m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joints. Use excavated turfs, spoil and boulders to define and contain the path edge.</p> <p>98m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>210m Side Drain</p> <p>Install 2 no. Pipe Culverts</p> <p>Install 8.no Water Bars</p>	
1381m		Point 10 NH 47932 23786			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

Path Name: Loch Liath WF Lower Path			Hand Build – imported Material	Section 11	
Existing Route			Work Required	Description	
93m/ 1219m	11 °	Point 12 NH 47733 23822		<p>93m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>93m Side Drain</p> <p>Install 3 no. Pipe Culverts</p> <p>Install 6no Water Bars</p>	
1591m		Point 11 NH 47817 23824			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description



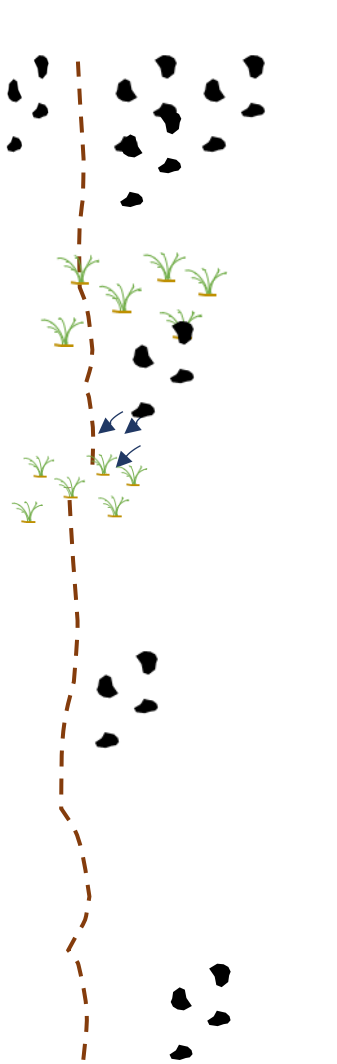
Path Name: Loch Liath WF Meall Fuar-mhonaidh			Machine Build – imported Material	Section 1		
Existing Route			Work Required	Description		
367m	9°	Point 2 NH 47487 23630 Point 1 NH 47732 23840	 <p>Multiple Braids -/Marshy</p>		<p>367m Raised Aggregate Path Using imported materials, construct aggregate path 950mm-1050mm width / 250mm depth with 100mm below surface and 150mm above Type 1 surfacing. Compact to submission.</p> <p>Install 10.no Water Bars</p> <p>Install 5.no Cross Drains</p> <p>Install 60m Top Side Ditch</p> <p>Landscaping using turves (sods) within the damage zone</p>	
0m		-	Section 1 Start Start at Fence/Stile NH 47732 23840			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description	

Path Name: Loch Liath WF Meall Fuar-mhonaidh			Machine and Hand Build – Imported Material	Sections 2 and 3	
Existing Route			Work Required	Description	
41m (555m)	15 °	Point 4 NH 47266 23418	Multiple Braids – Rocky/Marshy 		41m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joints. Use excavated turfs, spoil and boulders to define and contain the path edge. Install 2.no Water Bars Install 41m Top Side Ditch Landscaping using turves (sods) within the damage zone
513m	4 °	Point 3 NH 47402 23513			145m Raised Aggregate Path Using imported materials, construct aggregate path, 950mm-1050mm width / 250mm depth Type 1 surfacing. Compact to submission. Install 4.no Water Bars Install 3.no Cross Drains Install 146 m Top Side Ditch Landscaping using turves within the damage zone
367m		Point 2 NH 47487 23630			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

Path Name: Loch Liath WF Meall Fuar-mhonaidh			Machine and Hand Build – Imported Material	Sections 4 and 5	
Existing Route			Work Required	Description	
64m (770m)	15 °	Point 6 NH 47223 23368			<p>64m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joins. Use excavated turfs, spoil and boulders to define and contain the path edge. Install 2.no Water Bars Install 41m Top Side Ditch</p> <p>Landscaping using turves within the damage zone</p>
151m (706m)	7 °	Point 5 NH 47266 23418			<p>155m Raised Aggregate Path Using imported materials, construct aggregate path, 950mm-1050mm width / 250mm depth Type 1 surfacing. Compact to submission.</p> <p>Install 4.no Water Bars</p> <p>Install 2.no Cross Drains</p> <p>Install 155m Top Side Ditch</p> <p>Landscaping using turves within the damage zone</p>
555m		Point 4 NH 47266 23418			
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

Path Name: Loch Liath WF Meall Fuar-mhonaidh			Machine and Hand Build	Sections 6 and 7	
Existing Route			Work Required	Description	
478m (1304m)	9°	Point 8 NH 47171 23311		<p>476m Raised Aggregate Path Using imported materials, construct aggregate path, 950mm-1050mm width / 250mm depth Type 1 surfacing. Compact to submission.</p> <p>Install 9.no Water Bars</p> <p>Install 6.no Cross Drains</p> <p>Install 478m Top Side Ditch</p> <p>Landscaping using turves within the damage zone</p>	
56m (826m)	16	Point 7 NH 47180 23331		<p>56m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joints. Use excavated turfs, spoil and boulders to define and contain the path edge.</p>	
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

Path Name: Loch Liath WF Meall Fuar-mhonaidh			Machine and Hand	Sections 8	
Existing Route			Work Required	Description	
388m (1692m)	17	Point 9 NH 46786 23109		<p>30m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joints. Use excavated turfs, spoil and boulders to define and contain the path edge.</p>	
	8°			<p>326m Raised Aggregate Path Using imported materials, construct aggregate path, 950mm-1050mm width / 250mm depth Type 1 surfacing. Compact to submission.</p> <p>Install 9.no Water Bars</p> <p>Install 6.no Cross Drains</p> <p>Install 388m Top Side Ditch</p> <p>Landscaping using turves within the damage zone</p>	
1304m	15	Point 8 NH 47171 23311		<p>32m Stone Pitched Path Construct pitched path to a variable width between 950 to 1050mm. Irregular, random treads must be comfortable to use over an even gradient. Maximum riser height to be 150mm (6 inches). The construction must be solid with stones fitting tightly, well packed, with overlapping joints. Use excavated turfs, spoil and boulders to define and contain the path edge</p>	
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

Path Name: Loch Liath WF Meall Fuar-mhonaidh			Machine and Hand	Sections 9	
Existing Route			Work Required	Description	
1070m (2762m)	9°	Point 9 NH 46786 23109			Summit Approach along the ridge
1692m		Point 8 NH 47171 23311			Light touch works appropriate here on a day rate, focussing on definition, landscaping containment. The occasional pitched step and informal water bar. Blocking and deroughening at key places
Dist. (m)	G(°)	Point/grn	Existing Path & Features	Work Required	Description

Annex B Red Level Survey Photographs

Section 1



Section 2



Section 3



Section 4



Section 5



Section 6



Section 7



Section 8



Section 9



Section 10



Section 11

