APPENDIX 4-6

HARVEST MANAGEMENT PLAN

Harvest Management Plan in Support of Felling at Slieveacurry

Proposed Felling & Reforestation Methods						
Thinning (incl. CCF)	☐ N/A	☐ Harvester	☐ Chainsaw	☐ Forwarder	☐ Tractor/Quad	☐ Skyline
	☐ Other (specify):					
Clearfelling	☐ N/A	☒ Harvester	☐ Chainsaw	☒ Forwarder	☐ Tractor/Quad	☐ Skyline
	☐ Other (specify):					
Reforestation	☐ N/A	☒ Windrowing	☒ Pit planting	☐ Mounding	☐ Scrap mounding	
	☐ Scarification	☐ Other (specify):				
Site access (i.e. via forest road)	☒ Present		☐ Planned		☐ Not required	
	☐ Other (specify)					

Social & Environmental Features & Considerations		
Social	**Habitat & Biodiversity**	**Soil & Water**
☐ Recreational usage	☒ Designated area (SAC, SPA, etc.)	☒ Aquatic zone(s) on/adjoining site
☐ Adjoining dwelling(s)	☐ Broadleaves/diverse conifers	☒ Relevant watercourse(s)
☐ Right(s)-of-way present	☐ Hedgerows	☐ Water-related 'hotspots'
☐ Utilities (power lines/water main)	☐ Old/veteran trees	☐ Water abstraction point
☐ Sensitive landscape	☐ Large scale deadwood	☒ Peaty or peaty/gley
☐ Important viewpoint(s)	☐ Badger sett, rookery, etc.	☐ Steep slope(s)
☐ Archaeological site(s) & feature(s)	☐ Protected fauna	☒ Water setback(s) present & intact
☐ Cultural feature(s)	☐ Protected flora	☐ Supply of brash limited
☐ Anti-social (dumping, fire, etc.)	☐ Wetland habitat	☐ Other:
☐ Other (specify):	☐ Other (specify):	☐ Other:

Proposed Measures to Protect Social & Environmental Features & Considerations	
☐ Consult with local residents	☐ Establish excl. zones around arch. sites/features
☒ Erect safety signage	☐ Temporary bridging points (TBPs) required
☒ Onsite briefing of all operators, pre-commencement	☒ Install water setback at refor.
☒ Carefully selected refuelling/repair/storage depot	☐ Install dwelling setback at refor.
☐ Measures to protect right(s)-of-way	☐ Install public road setback at refor.
☐ Measures to protect service features	☐ Install archaeological setback at refor.
☐ Measures to protect habitats & biodiversity features	☐ Install biodiversity setback at refor.
☒ Limit operations to dry weather	☐ Install landscape setback at refor.
☒ Daily visual monitoring of ground conditions	☐ Inclusion of Refor. Objective 'CCF'
☒ Daily visual monitoring of water	☐ Inclusion of Refor. Objective 'BIO'

Proposed Measures to Protect Social & Environmental Features & Considerations (Cont..)	
☐ Water sampling	☐ Forest edge planting
☒ Install silt traps/barriers	☐ Environmental setback planting
☒ Drain blocking/slow-water dams	☐ Other (specify)
☒ Utilise brash mats along extraction routes	☐ Other (specify)
☒ Exclude machinery in areas adjoining aquatic zones, water abstraction points & water-related 'hotspots'	☐ Other (specify)

Ancillary Information (include relevant information to expand on above & to detail important aspects such as the sequencing of operations, the width of environmental setbacks & contingency planning. Ensure accurate cross-referencing and consistency with maps) *

Harvesting Plan

Where possible, harvesting and extraction processes will be undertaken during dry periods, to limit surface water run-off. It is proposed that a harvester and low-ground pressure forwarder will be used in these processes. Where brash material on site is limited, brash mats will be deployed to help reinforce sections of the extraction route outside of the existing hardcore forestry road.

Silt traps will be installed within any manmade relevant watercourses (RWs) within or adjacent to the felling compartments, prior to the commencement of felling works, to preserve the turbidity and integrity of the downstream river catchment. These sediment traps will be monitored and maintained throughout the period of works and for a period afterwards until the site has stabilised. Additional traps may be placed along the edge of the adjacent aquatic zones (AZs), in locations where surface run-off may be possible.

5m buffer zones will be established either side of the RWs within which there will be no traversal of machinery permitted. Similarly, 10m buffer zones will be established either side of AZs. Fully-trained, experienced forest contractors will be selected for the felling operation.

Harvested timber will be extracted along the existing tracks to enable easy loading and transport offsite along the public road.

Reforestation Plan

Localised replanting will be limited to the extents of the felling compartments covered under the 'temporary' felling application, and will comprise windrowing and pit-planting of North Coastal Lodgepole Pine at a density of around 2500 stems per hectare.

Setback zones of 5m will be established either side of RWs and 10m either side of AZs.

Planted areas will be maintained on an annual basis until the crop is established, which includes vegetation control, pest control and restocking.

***See also Forest Harvesting and the Environment Guidelines for further information**

Slieveacurry Renewable Energy Development
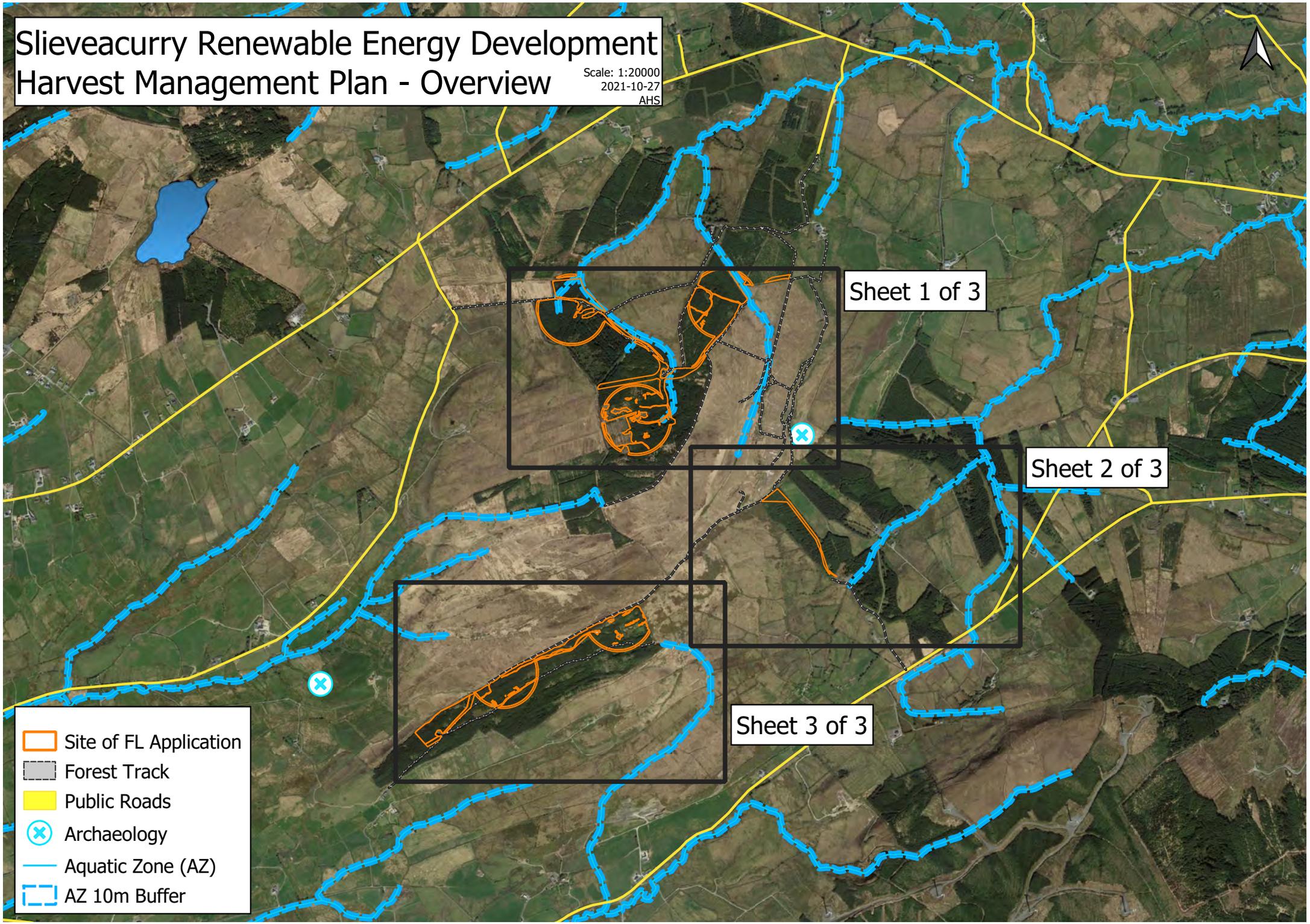# Harvest Management Plan - Overview

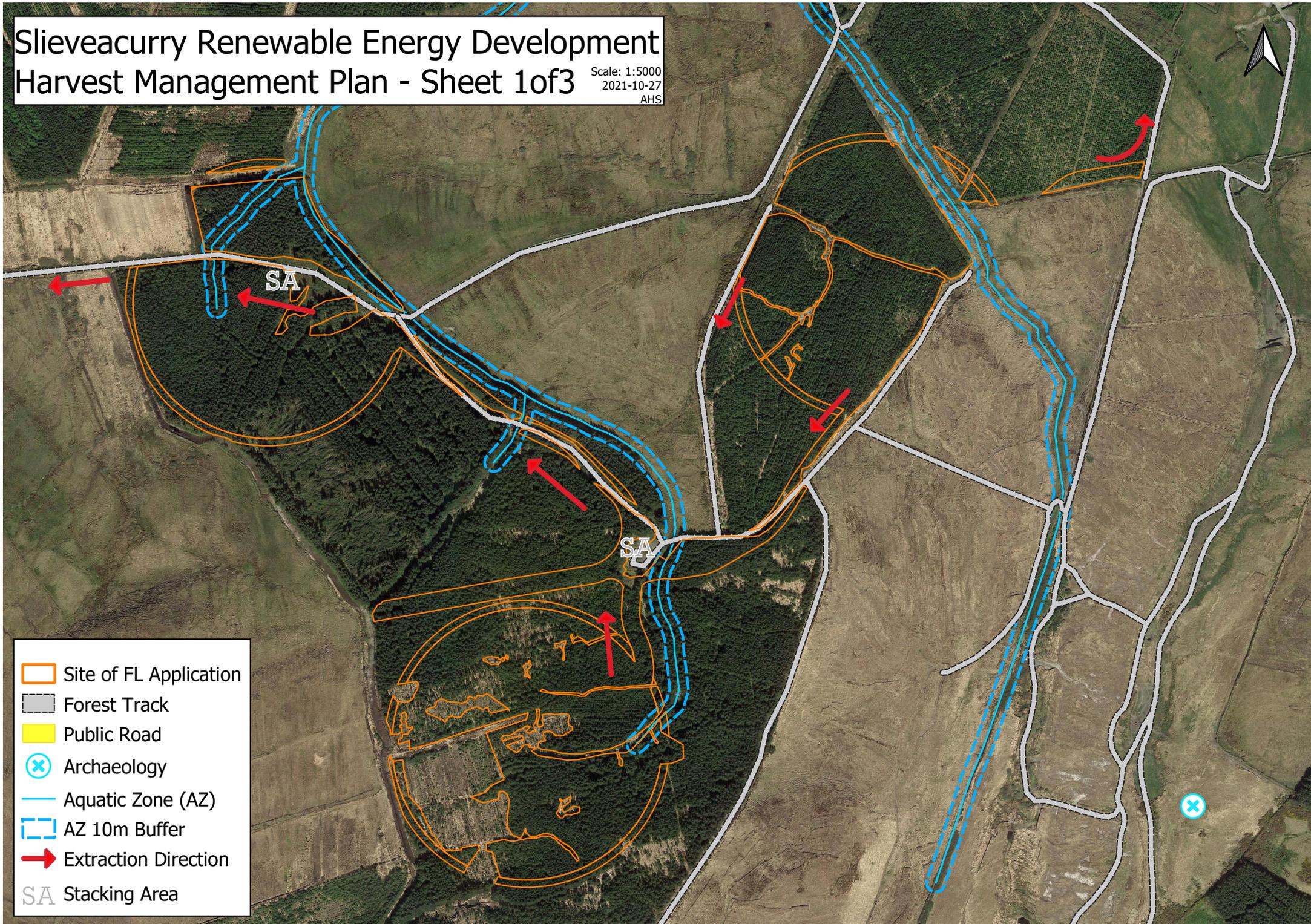Scale: 1:20000
2021-10-27
AHS

Sheet 1 of 3

Sheet 2 of 3

Sheet 3 of 3

Legend

- Site of FL Application
- Forest Track
- Public Roads
- Archaeology
- Aquatic Zone (AZ)
- AZ 10m Buffer

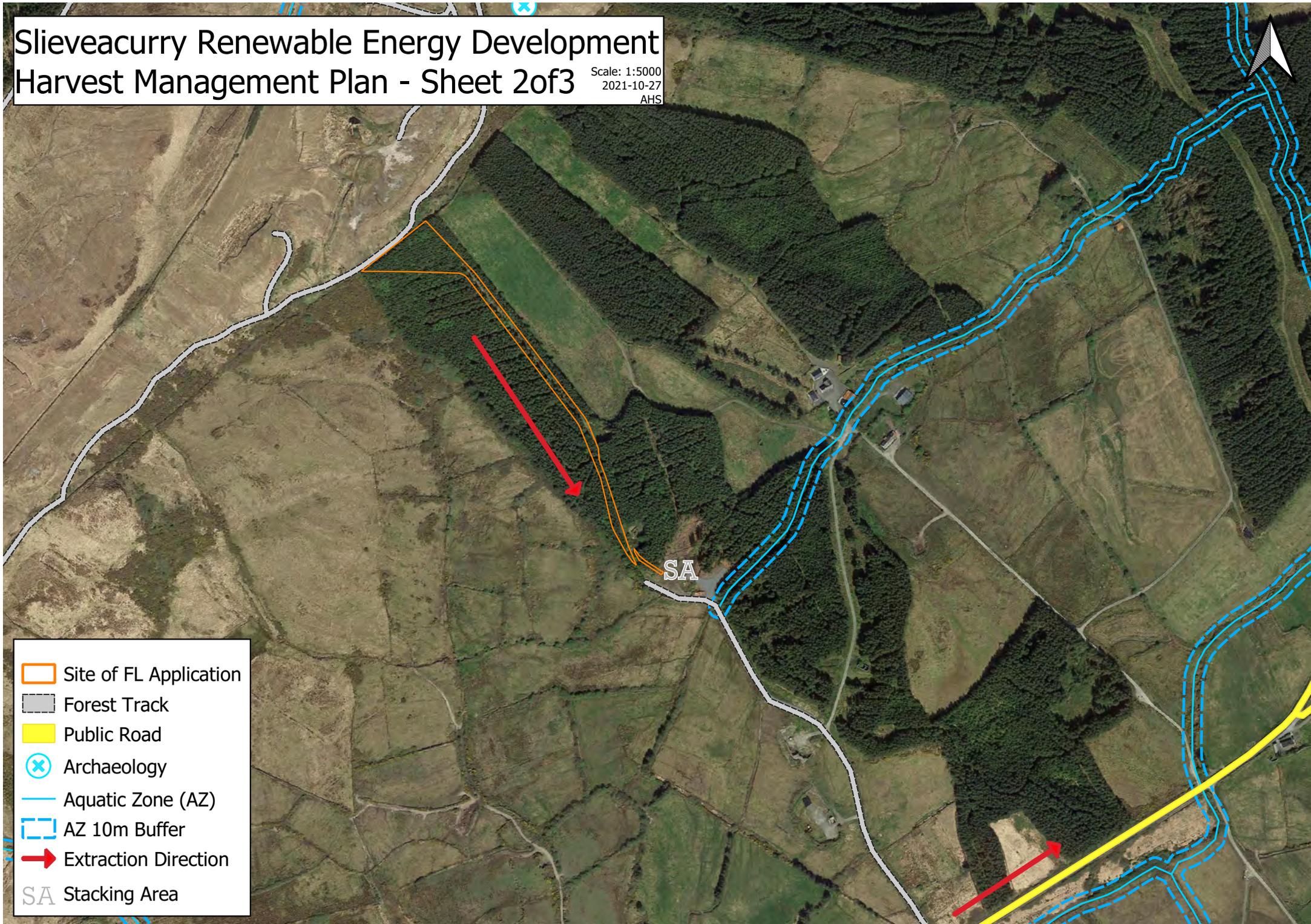Slieveacurry Renewable Energy Development
Harvest Management Plan - Sheet 1of3

Scale: 1:5000
2021-10-27
AHS

Legend:
- Site of FL Application
- Forest Track
- Public Road
- ⊗ Archaeology
- Aquatic Zone (AZ)
- AZ 10m Buffer
- → Extraction Direction
- SA Stacking Area

Slieveacurry Renewable Energy Development
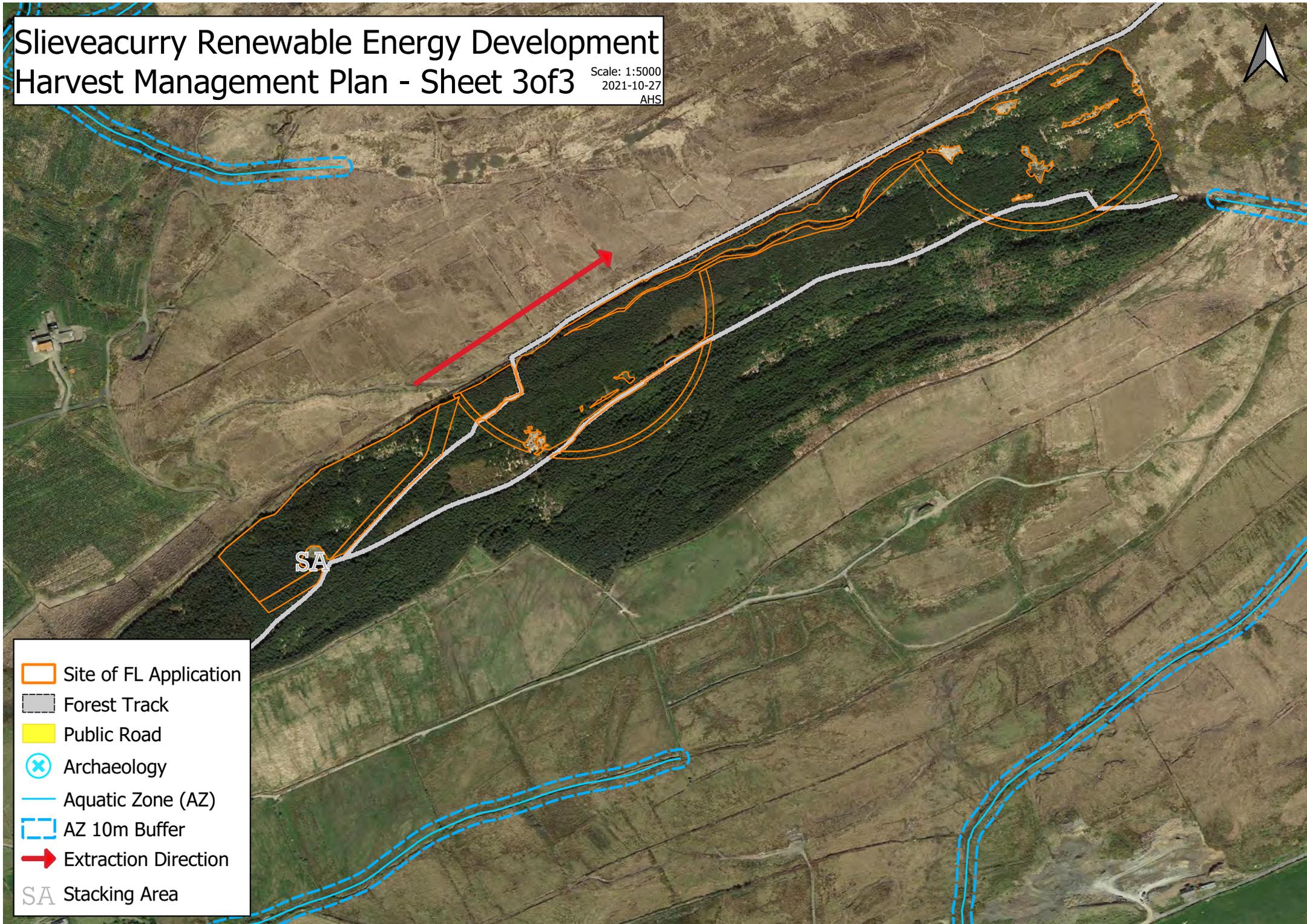# Harvest Management Plan - Sheet 2of3

Scale: 1:5000
2021-10-27
AHS

SA

Legend

- **Site of FL Application**
- **Forest Track**
- **Public Road**
- ⊗ **Archaeology**
- **Aquatic Zone (AZ)**
- **AZ 10m Buffer**
- → **Extraction Direction**
- SA **Stacking Area**

Slieveacurry Renewable Energy Development
Harvest Management Plan - Sheet 3of3

Scale: 1:5000
2021-10-27
AHS

SA

Legend

▭	Site of FL Application
▭	Forest Track
▮	Public Road
⊗	Archaeology
—	Aquatic Zone (AZ)
⊏⊐	AZ 10m Buffer
→	Extraction Direction
SA	Stacking Area