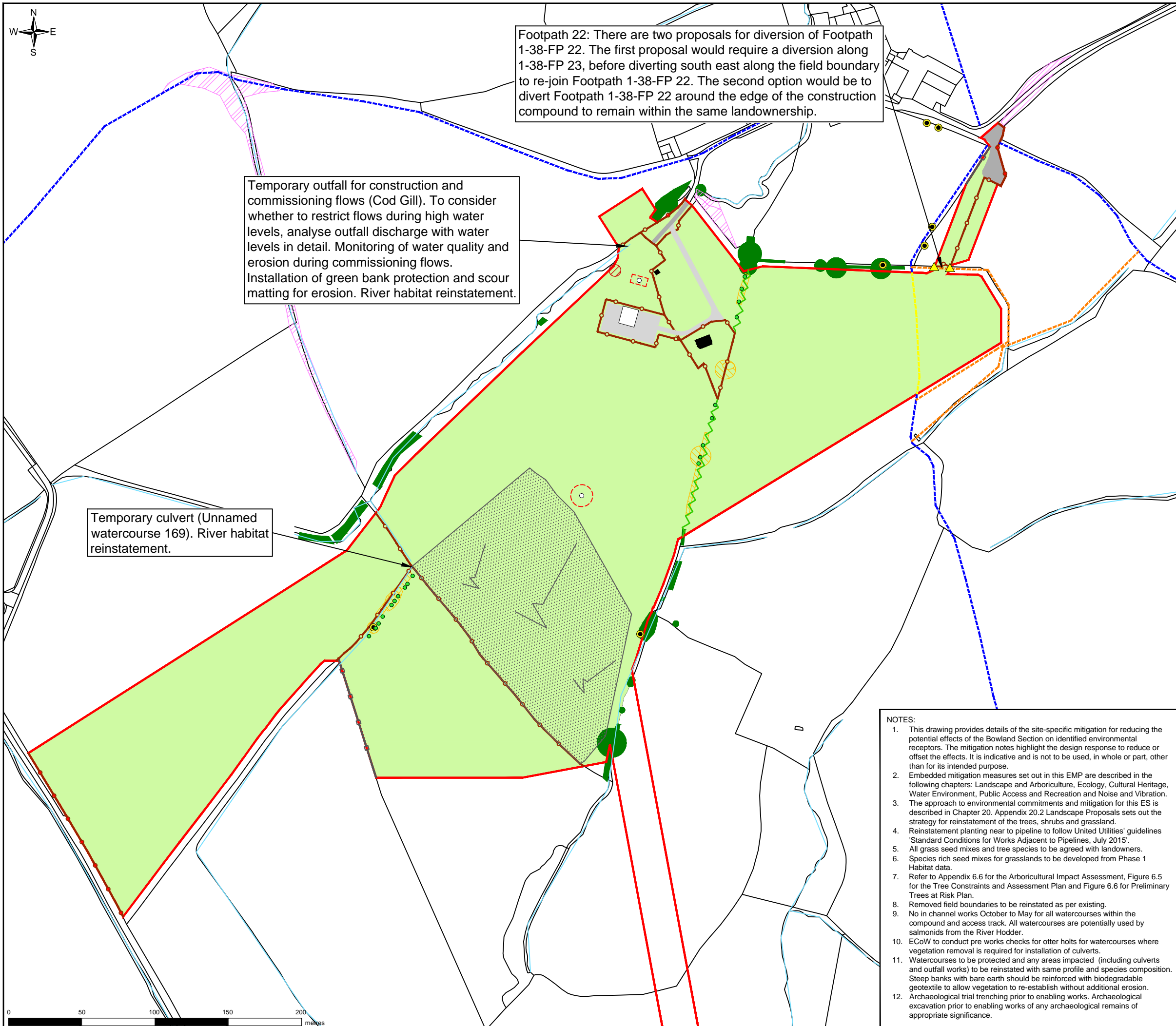


FIGURE 20.1



Footpath 22: There are two proposals for diversion of Footpath 1-38-FP 22. The first proposal would require a diversion along 1-38-FP 23, before diverting south east along the field boundary to re-join Footpath 1-38-FP 22. The second option would be to divert Footpath 1-38-FP 22 around the edge of the construction compound to remain within the same landownership.

Temporary outfall for construction and commissioning flows (Cod Gill). To consider whether to restrict flows during high water levels, analyse outfall discharge with water levels in detail. Monitoring of water quality and erosion during commissioning flows. Installation of green bank protection and scour matting for erosion. River habitat reinstatement.

Temporary culvert (Unnamed watercourse 169). River habitat reinstatement.

- Legend**
- Planning Application Boundary
  - Existing watercourse (to be retained)
  - Existing track / hardstanding (to be retained / reinstated)
  - Existing PRoW (to be retained)
  - Existing building (to be retained)
  - Existing vegetation (to be removed)
  - Existing vegetation (to be retained)
  - Existing vegetation (at risk of removal)
  - Existing GWDTE
  - Existing fence (to be retained)
  - Bat roost potential tree
  - Proposed tree
  - Proposed reinstated grassland
  - Proposed temporary PRoW diversion
  - Proposed temporary PRoW closure
  - Proposed temporary PRoW access gate
  - Proposed reinstated track / hardstanding
  - Proposed reinstated fence
  - Proposed reinstated hedgerow
  - Proposed tunnel shafts / chambers
  - Proposed above ground works
  - Proposed landscaping

- NOTES:**
1. This drawing provides details of the site-specific mitigation for reducing the potential effects of the Bowland Section on identified environmental receptors. The mitigation notes highlight the design response to reduce or offset the effects. It is indicative and is not to be used, in whole or part, other than for its intended purpose.
  2. Embedded mitigation measures set out in this EMP are described in the following chapters: Landscape and Arboriculture, Ecology, Cultural Heritage, Water Environment, Public Access and Recreation and Noise and Vibration.
  3. The approach to environmental commitments and mitigation for this ES is described in Chapter 20. Appendix 20.2 Landscape Proposals sets out the strategy for reinstatement of the trees, shrubs and grassland.
  4. Reinstatement planting near to pipeline to follow United Utilities' guidelines 'Standard Conditions for Works Adjacent to Pipelines, July 2015'.
  5. All grass seed mixes and tree species to be agreed with landowners.
  6. Species rich seed mixes for grasslands to be developed from Phase 1 Habitat data.
  7. Refer to Appendix 6.6 for the Arboricultural Impact Assessment, Figure 6.5 for the Tree Constraints and Assessment Plan and Figure 6.6 for Preliminary Trees at Risk Plan.
  8. Removed field boundaries to be reinstated as per existing.
  9. No in channel works October to May for all watercourses within the compound and access track. All watercourses are potentially used by salmonids from the River Hodder.
  10. ECoW to conduct pre works checks for other holts for watercourses where vegetation removal is required for installation of culverts.
  11. Watercourses to be protected and any areas impacted (including culverts and outfall works) to be reinstated with same profile and species composition. Steep banks with bare earth should be reinforced with biodegradable geotextile to allow vegetation to re-establish without additional erosion.
  12. Archaeological trial trenching prior to enabling works. Archaeological excavation prior to enabling works of any archaeological remains of appropriate significance.

DO	JE	NF	DB	Final Issue	13/05/2021
VERSION	AUTH	CHKD	REVD	REASON FOR ISSUE	DATE



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SCALE 1: 2,500	SHEET SIZE A3
DRAWING NUMBER LCC_RVBC-BO-FIG-020-001	REVISION D0