

Edale Mill Cottages STW – Listed Building Consent

Listed Building Consent

Gate Post Removal and Reinstatement

A6S/12215 – Edale Mill Cottages Sewage Treatment Works

Date	Version	Issue/Comment
06/11/2020	1	For Issue.
05/11/2020	0	Original issue for discussion

Contents

1 Introduction	1
2. Site Information	1
2.01 Edale Mill.....	1
2.02 Access.....	1
2.03 Construction Staff	2
3. Construction Methodology	3
3.01 Survey of Gatepost.....	3
3.02. Removal of Gatepost.....	3
3.03 Reinstatement Assessment.....	4
4. Replacement of Stone Gatepost	4
4.01 Work Sequence	4
5. Programming.....	4

1. Introduction

This report, prepared by MWH Treatment Limited, details a proposed construction method associated with the removal and reinstatement of the listed gate post off Edale Road, part of the former Edale Mill.

2. Site Information

2.01 Edale Mill

Edale Mill Cottages Sewage Treatment Works (STW) is a small treatment works serving approximately 29 properties at Mill End, Edale, which is situated within the grounds of Edale Mill. The existing treatment works has been a source of odour complaints and it is proposed to alleviate this situation by replace the existing treatment works with a Rotating Biological Contactor (RBC). The above works together with river bank stabilisation have planning permission, Peak District National Park reference NP/HPK/0420/0324.

2.02 Access

Access to the treatment works is along the drive to the Mill Buildings which is a listed building. There are two stone gatepost at the entrance and it is proposed to remove one of these to enable construction vehicular access to site. The gatepost to be removed is the left gatepost shown in the Google extract below.



2.03 Construction Staff

The project is promoted by Severn Trent Water and the construction work will be undertaken by MWH Treatment Limited.

The management team will be as follows:

Name	Company	Role	Responsibility
Nick Chapman	Severn Trent	Programme Engineer	Management of the Project and Programme
Andrew Guy	MWH Treatment	Project Manager	Management of the Project and Construction Project
Farah Ishaq	MWH Treatment	Environmental Advisor	Ensuring Environmental Compliance and
Emergency Telephone Numbers			
Severn Trent Water			0800 783 4444
MWH Treatment Limited			0113 218 9280

3 Construction Methodology

3.01 Survey of the gatepost

The gate post will be photographed and the position and orientation of the stone will be surveyed.

3.02 Removal of the Gatepost

The following sequence of activities will be undertaken to remove the gatepost.

- Vegetation will firstly be removed from the adjacent wall and the base of the stone.
- The gate will be lifted off the stone and stored on site.
- The pyramid gatepost topping stone will be lifted off by hand and placed on a pallet.
- The adjoining dry stone wall will then be taken down, by hand, to release the gate post.
 - Stones will be stored on site.
- Excavation around the base of the gatepost will by undertaken using light hand tools and hand excavation to minimise vibration.
 - To maintain stability of the stone a sling will be placed around the stone and the excavation will be kept as narrow as possible.
- Upon exposure of the base of the stone the stone will be lifted out of the hole and placed on pallets.
 - Fabric slings will be used to lift the stone.
 - Details of any foundation and the stones penetration into the ground will be recorded and reported to Peak District National Park.
- The hole will be filled with structural stone and a temporary surface formed, similar to the existing road, to allow vehicular movement to site.
- The gatepost and the stone topper will be photographed and then taken to secure storage for the duration of the construction works.



3.03 Reinstatement Assessment

Should there not be a base or concerns raised over the depth of the stone a new foundation proposal will be forwarded to the Peak District National Park for consideration and approval.

4 Replacing the Stone Gatepost

4.01 Work Sequence

Upon Completion of the construction works the stone gatepost will be reinstated in the following manner.

- The temporary road surface above the stone will be broken up and removed from site. Vegetation will firstly be removed from the adjacent wall and the base of the stone.
- An excavation similar dimensions to the gatepost hole will be undertaken.
- Any foundation stones will be cleaned off for reuse or the agreed foundation installed
- The stone post will be repositioned and held vertically using a sling during reinstatement.
- The excavation will be backfilled, using a similar method of construction to that used to form the original gatepost.
- The dry stone wall will be reinstated using original stones where possible. Should stone be lost due to trimming, or the poor condition of the existing wall, make up stone will be locally sourced.
- The wearing course of the driveway will be reformed.
- The stone topper will be repositioned on a thin bed of mortar, just sufficient, to enable it to be levelled.

5. Programming

The removal of the stone gatepost is to enable construction vehicles and soil nailing apparatus onto site. The soil nailing is programmed to start in January hence removal of the stone gatepost is programmed to be undertaken before Christmas.

Activity	Start Date	Completion
Removal of the Gatepost	30 th November 2020	3 rd December 2020
River Bank Stabilisation Soil Nailing	4 th January 2021	
Reinstatement of the Gatepost	12 th July 2021	14 th July 2021