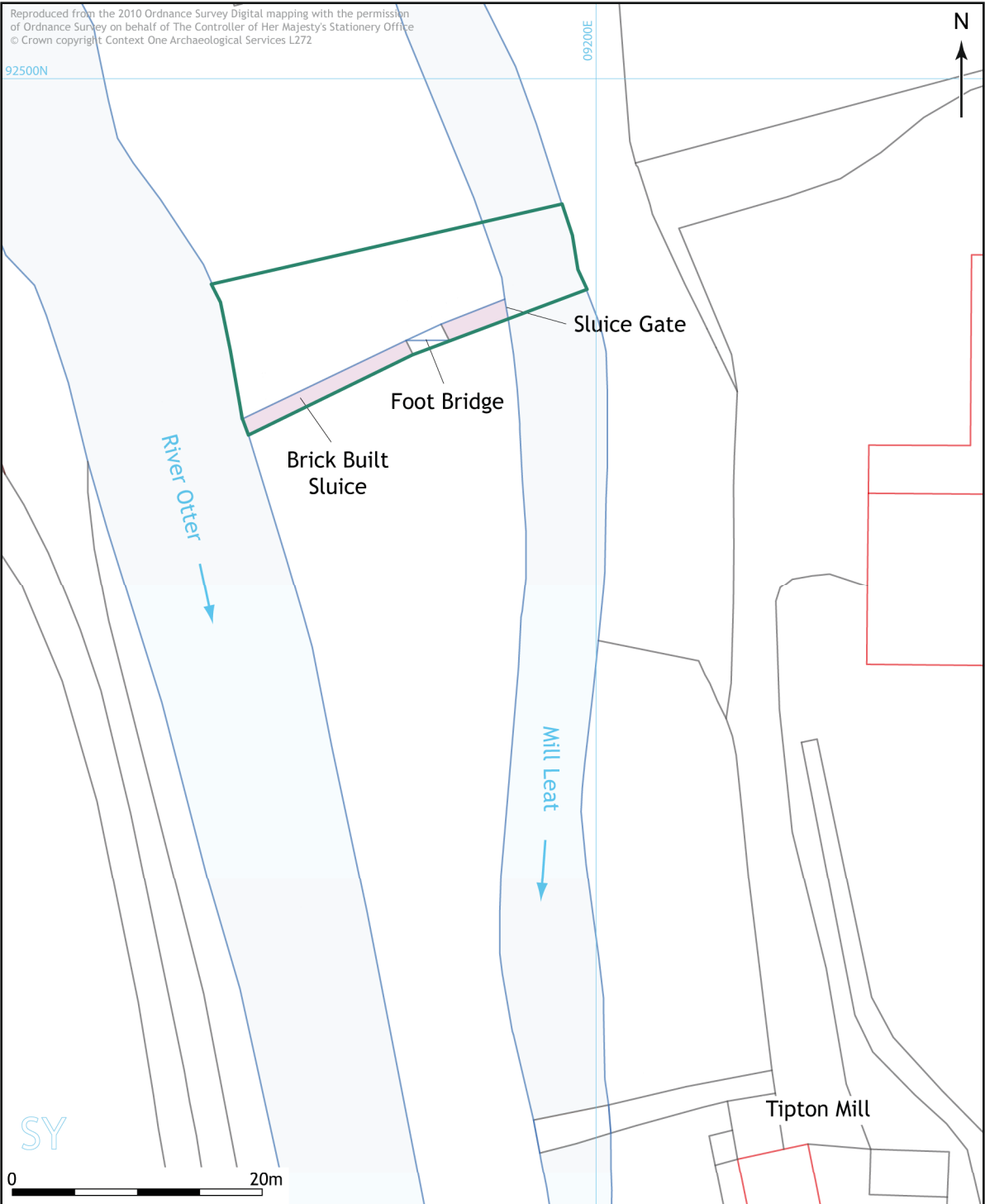


# Devon County Council Historic Environment Record

<b>Civil Parish:</b> Ottery St Mary	<b>National Grid Reference</b> SY 09182 92478	<b>Number:</b> (Leave blank)	
<b>Subject:</b> Archaeological monitoring of groundworks relating to the construction of a hydro-electric generator at Tipton Roller Mills, Lancercombe, Sidmouth, Devon. <b>Planning Application no:</b> 09/1582/FUL		<b>Plan/Photo attached?</b> Y	
<b>Description of works.</b>  Context One Archaeological Services Ltd (COAS) carried out an Archaeological Watching Brief on behalf of Mr J Sargent as a condition of granting planning permission for construction of an Archimedes Screw type hydro-electric generator by Western Renewable Energy Ltd. at Tipton Roller Mills Lancercombe, Sidmouth, Devon.  In the Brief for Archaeological Monitoring and Recording it was stated that: "The mill leats affected by the proposed construction of a hydro-power scheme are associated with the 18th century Tipton Mill, itself a Listed Building (ref: 398326) that lies to the south. Groundworks for the construction of the scheme will have an impact upon the channel that runs between the River Otter and the mill leat, which is shown on the late 19th century OS map".  The archaeological work involved recording a brick built sluice with a bridge across it and a sluice gate prior to its demolition; ground reduction works adjacent to the sluice were also monitored. No other archaeological features were identified.  The brick lined sluice and brick footbridge ((101), (102) and (103)) (Figure 1, 2 and 3) was constructed with handmade red bricks measuring 230mm x 100mm x 60mm, and bonded with a yellowish sandy mortar. The upper eight courses of which had evidently been re-built or re-pointed recently. The sluice channel was 1.70m deep and 1.20m wide at the base.  The sluice gate was a wooden and iron structure framed by three rigid steel girders. The gate was fitted with a cast iron rack and pinion lifting mechanism (see Figure 2) and measured 1.50m high and 0.80m wide  The topsoil (100) adjacent to the sluice comprised a friable light brown (7.5YR 6/4) sandy silt that contained frequent rounded river gravel, up to 0.20m thick, overlying a soft red (2.5YR 4/6) natural sand (104), that contained frequent river gravel.  The sluice is depicted on the 1890 Ordnance Survey Map but not on the 1840 tithe map, suggesting it was probably a mid 19 <sup>th</sup> century addition to the mill complex.		<b>Reference.</b> COAS site code: COAS/WBF/10/TLS  OASIS ID: contexto1-77380	<b>Date.</b> <i>of site visit(s)</i>  10/05/10 & 11/05/10
<b>Recorder</b> Cai Mason, Context One Archaeological Services Ltd.		<b>Date sent to HER</b> 18/05/10	



- Site Boundary
- Brick Built Sluice

**PROJECT TITLE**

Sargent and Sons Tipton Roller Mills,  
Lancercombe, Sidmouth, Devon

**FIGURE TITLE**

Site setting showing archaeological  
features

**SCALE**

as shown

**PROJECT CODE**

COAS/WBF/10/TLS

**FIGURE NO.**

**1**





*Figure 2: Slice gate viewed from the south-west*





*Figure 2: Brick built bridge over sluice, viewed from the north-east*

Please email completed form to: [archaeol@devon.gov.uk](mailto:archaeol@devon.gov.uk) or post to County Archaeology Service, Environment Directorate, Matford Lane Offices, County Hall, Topsham Road, Exeter EX2 4QW. Information recorded on this form will be added to the Historic Environment Record, and made available to all researchers. Any plans or photographs embedded within or attached to this form remain the copyright © of the recorder, and must not be reproduced in any publication without the explicit consent of the copyright holder.