



ORCA – Watching Brief Daily Record Sheet

Site Name: <i>ScopafloW Visitor Centre extension</i>		Site Code: <i>799</i>	
ORCA Personnel: <i>LS</i>		Date: <i>1/10/19</i>	Sheet No: <i>1</i>
Area Code: <i>—</i>		Work Area NGR: (10 figure) <i>ND3097694681</i>	
Time on site: <i>0910</i>	Time off site: <i>—</i>		
Approx Area Monitored: <i>96m²</i>		Height: <i>5m AOD.</i>	
Approx DBGL: <i>1.1m</i>		GPS Type / Accuracy: <i>Leica GNSS.</i>	
Work Details / Aims: <i>removal of deposits within cooling tower prior to removal.</i>		Method: <i>machine excavation.</i>	
Plant Details: <i>360 tracked excavator.</i>		Contractor Contact: <i>Billy Sutherland.</i>	
Photos: <i>B1:1-27</i>	Plans: <i>—</i>	Sections: <i>—</i>	
<p>Description: <i>The base of the cooling tower was cut into bedrock and shattered on the interior. It was rectangular in shape (11.5m x 7.7m) consisting of a singular boundary wall 86cm wide with 5m piers 36cm wide protruding 20-35cm into the interior. The base is a level concrete surface. The feature is 1.1m deep. 2.4m N from the SW corner was a 5m pit (1.1 x 1.7, SW) and 1.7m deep - all concrete, with a metal pipe feeding into it from the W and apparently curving off to the NW. 2 manhole covers and a pipe terminus were located just to the W of the tower base, showing the relationship of these to the feature is unclear. <i>the walls sloped in slightly.</i></i></p> <p>Features <i>within the tower 4 concrete posts stood upright - these were removed - a broken one showed the relationship it to contain 3 upright bricks. (there were 30cm x 30cm at the top, 47cm x 47cm at the base and 1.05m high. The feature was filled with a mixed mid yellow brown sandy clay with frequent gravel & angular stone (up to 5cm) with occasional modern debris (metal piping, rope, nets, bricks, wood) This seems to be a modern infill debris, it was the same material as composed the removed bund (Billy Sutherland pers comm) so could have been put in at the same time as part of landscaping.</i></p> <p>Deposits</p> <p>Stratigraphy</p> <p>Soils</p>			
<p>Sketch: <i>within the tower 4 concrete posts stood upright - these were removed - a broken one showed the relationship it to contain 3 upright bricks. (there were 30cm x 30cm at the top, 47cm x 47cm at the base and 1.05m high. The feature was filled with a mixed mid yellow brown sandy clay with frequent gravel & angular stone (up to 5cm) with occasional modern debris (metal piping, rope, nets, bricks, wood) This seems to be a modern infill debris, it was the same material as composed the removed bund (Billy Sutherland pers comm) so could have been put in at the same time as part of landscaping.</i></p> <p><i>The works will now involve the reduction of the building footprint by 0.4m however this area appears to be the same infill deposit described above and bedrock protrudes across the area in places. The cooling tower base will be partially removed - probably part/most of the side walls but leaving the surface of the base.</i></p> <p><i>see cps file 777011019.</i></p>			

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Date / Initials: LS 1/10/19.

Small Finds:

Bulk finds:

Samples / ecofacts:

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SF No.

Material

Description

NGR

Additional comments / sketches:

