

Lock 11 Hazelhurst Lock CL-016-004 Caldon Canal

A CCTV inspection survey was carried out of the culverted Paddle sections at Lock 11 Hazelhurst Lock on the Caldon Canal to ascertain the structural condition, degree of silt (or other obstructions), to locate and identify the position of inspection chambers (or other access points).

The survey was carried out on 29th July 2014, the weather was Dry. The CCTV equipment had to be carried down the towpath due to the remote location of the Lock.

The Lock Pound had been dewatered by Canal & River Trust operatives. Some localised dewatering was undertaken in the Lock chamber.

All references to Paddle/outlets and vents are taken from the attached site drawing made by the survey team.



Lock dewatered.

1.0 CULVERT LOCATION & DESCRIPTION

Towpath Paddle Culvert

Paddle Chamber 1 (towpath side) to Outlet 1

The 600mm x 600mm Masonary culvert was surveyed downstream a total of 6.4m to Outlet 1.

The section between Vent 2 and Outlet 3 was found to have been back filled with clay, no survey was possible of this section of culvert.



Photo of dewatered Paddle Chamber 1.



Outlet 1 Towpath side.



Outlet 2 Towpath side after some brickwork removed.



Outlet 3 Towpath side after bricks removed.

Several of the air vent cover plates were removed during the survey but access was not suitable for CCTV inspection. CRT carried out a visual inspection down the air vent shaft with a torch.

Offside Paddle Culvert**Paddle Chamber 2 (Offside) to Outlet 6**

The 600mm x 600mm Masonary culvert was surveyed downstream a total of 22.9m to Outlet 6.



Paddle Chamber 2 after dewatering.



Outlet 4 offside.



Outlet 5 offside.



Outlet 6 offside.

2.0 CONDITION REPORT

See attached Wincan report.

3.0 PHOTOGRAPHIC EVIDENCE

See attached photographs. DVD survey of the culverts on disc.

4.0 Health & Safety Issues

There were no health & safety issues during the survey.

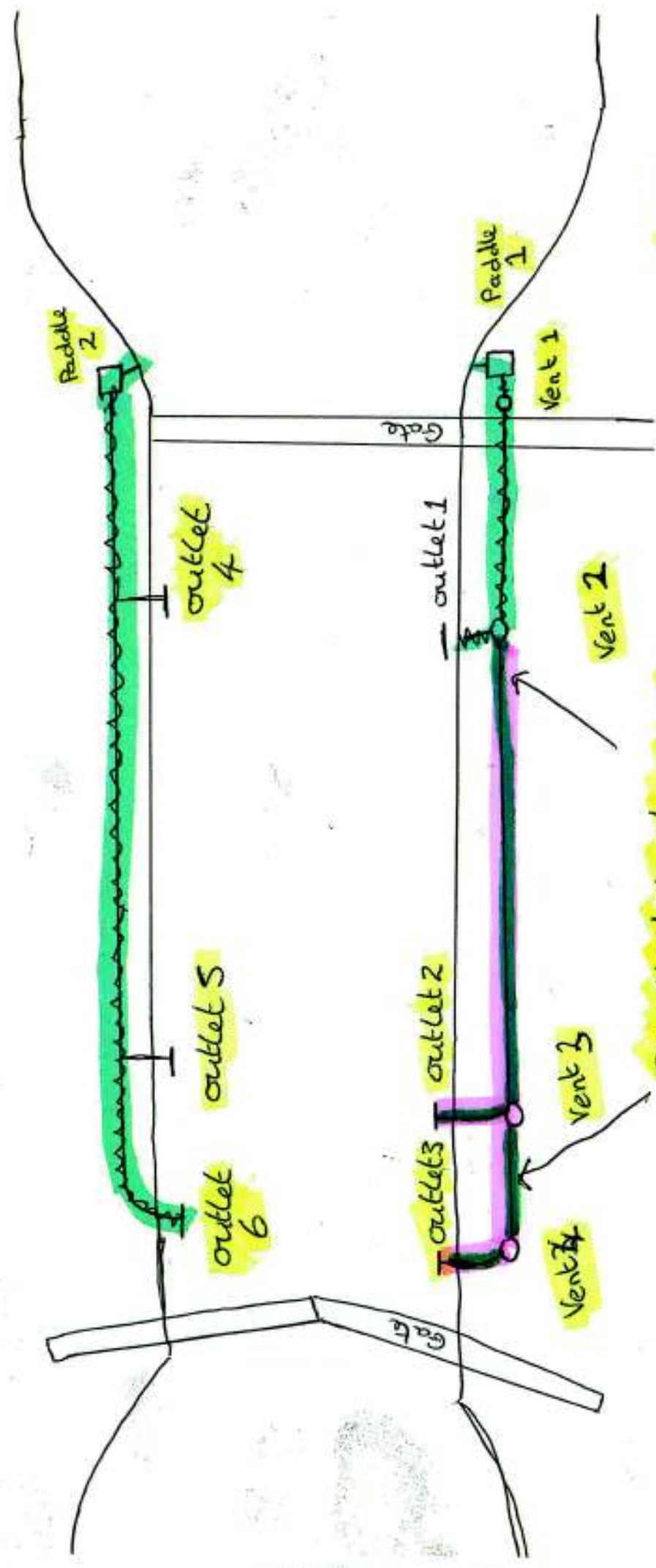
5.0 PLANS OF CULVERTS

See attached hand annotated site Drawing

Not in use anymore

ctr done.

Lock 11
Hazelhurst lock
CL-016-004



Brickled + clayed up
Tow path side

Culvert Sizes
600x600
Mas

