



METHOD STATEMENT

The Rothen Group
Maintaining Britain's waterways

Job Number:	B0244
Job Name:	Crown Trading Centre Veg Clearance & Piling
Site Address:	Crown Trading Centre, Clayton Road , Hayes, UB3 1DU
What Three Words:	Tins.such.boxer
Parking:	Car park on site
Client:	Greystar
Start date:	TBC
Duration:	Veg clearance – 1 week Piling – 5 weeks
Task:	Cut and remove vegetation and then 65m piling
Materials:	Piles
DWG:	Works to be undertaken in accordance with WIP & associated documents

Summary of Hazards

1. Slips, Trips and Falls (HS-RA-16)
2. Working on or near water (including Falling in, Boat Capsizing & Water depth) (HS-RA-20)
3. Contamination - Water, Silt, Arisings, Asbestos (HS-RA-27)
4. Access & Ingress to site (HS-RA-28)
5. Anti-social behaviour, vandalism & other boaters (HS-RA-26)
6. Hand-Held & Portable Tools (HS-RA-09)
7. Contact with hazardous substances (HS-RA-08)
8. Manual handling (HS-RA-12)
9. Excavators & Diggers (HS-RA-01)
10. Outside Working (HS-RA-14)
11. Fire (HS-RA-06)
12. Wildlife & the Natural Environment (HS-RA-30)
13. Heritage & built environment (HS-RA-31)
14. Unstable tow path & canal bank (HS-RA-32)
15. Overhead Services (HS-RA-25)
16. Buried Services (HS-RA-03)
17. Welding & Cutting (HS-RA-19)
18. Loading & Unloading Vehicles (HS-RA-10)
19. Lifting Operations (HS-RA-29)
20. Working at Height (HS-RA-21)

Specialist waterways civils contractors & marine plant hire

www.therothengroup.co.uk

The Rothen Group is a trading name of Ian Rothen Ltd VAT No 138 1155 28 Company Reg No 8030064

Rothen Group
Little Close
Quarry Lane
Mancetter
CV9 2RD

01827 215715

info@therothengroup.co.uk



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The above hazards have generic risk and method statements attached separately along with COSSH, fire procedure, spill procedure & the emergency water rescue plan. All specific record sheets for PPE, plant & equipment, LOLER, PUWER etc and certificates will be in the site folder on site. The specific detail of the works is discussed below.

PPE

Safety footwear, High vis vest or jacket. Hi Vis trousers, Hard hat with chin strap & face shield when required. Lifejackets, Overalls. Ear defenders with a 35 db reducing noise minimum. Safety Glasses.

Safe Method of Work

1. All vehicles to be parked in a safe and secure position – ensure daily vehicle checks have been undertaken and reported on app.
2. Take emergency bag from van to site and familiarise yourself with the emergency action plan and location of nearest hospital.
3. Signs to be put out to warn other waterway users of the works being carried out in the navigation and to proceed with care whilst passing through the works.
4. Barriers & fencing to be installed around land work area.
5. Works will be carried out off floating plant and from land.
6. Welfare and security will be provided on site by client.
7. Client to install fencing and unload materials.
8. Works will be undertaken using a wide beam crane pontoon & tug boat with hopper in the water and an excavator on the bank.
9. The navigation will remain open during the works as craft 4m wide to allow space for other canal users to pass.
10. All floating plant to have BSS where necessary and are fitted with bio-oil.
11. All staff will be inducted to site and given site inductions. All staff to sign the register daily in site file (section 1, tab 1).
12. All staff to have read and signed the RAMS in section 1, tab 3 in the site file.
13. At the start of each day a daily briefing will be held & visual daily lifejacket checks will be undertaken.
14. The works will take place outside the nesting bird season, however if undertaken between March – September, check site for any possible wildlife impact & complete nesting bird check in section 1, tab 10 in site file.
15. Check equipment fuel, oil and guards. Daily checks of equipment to be undertaken and recorded in site file section 1, tab 6.
16. Consult COSHH sheets applicable to any substance used (in site file section 2, tab 3). All COSHH substances to be stored at least 10m from canal edge or on a plant nappy.
17. Put on protective clothing, and safety equipment.
18. Check for services overhead and surface.
19. When working near water, automatic lifejackets should be worn. Manual life jackets should be worn in the excavator. Ensure a safety action plan is in place on how to safely rescue someone who has fallen in the water.
20. The boat will have a throw line, air horn and fire extinguisher.
21. All staff to have read the guidance notes on working on or near water.
22. Mobile phone to be carried but technology should only be used in safe areas.

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23. Only trained personnel to operate any plant or to steer vessels (certificates will be in site file section 2, tab 10).
24. A banksman will be on the workboat to direct other boaters.

Part 1 Veg Clearance

25. Works will be undertaken off floating plant with chainsaws, pole saws, chipper and handheld tools.
26. All tools to be inspected ahead of using daily and check forms in site file to be completed (section 1, tab 6).
27. The team will move the boat from end of the wall to the other, clearing all vegetation as they go.
28. The boat will have a hold to allow the team to safely access the wall.
29. All arisings to be placed into hopper & removed from site with a grab lorry for disposal.

Part 2 Piling

30. Works will be undertaken with a wide beam crane pontoon and tug in the water, and an excavator on the bank.
31. Excavator to remain 3m back from the bank at all times.
32. Take down top part of wall and remove using land based equipment.
33. Boat below to prevent debris from entering the canal.
34. Carry out assessment and fill in H&S lifting appliances book when using the crane boat. Complete form HS-FO-19 in site file, "Non-Crane Lift Plan" when lifting piles (section 2, tab 2).
35. When operating the crane boat all operatives should be clear of the legs i.e. The danger zone.
36. When working the crane, always monitor the stability when using the arm and adjust as necessary.
37. If the crane or excavator arm spans any area of the site to which the public have access, then a banksman must control their movements. No person should walk past the arm whilst in operation i.e. in the danger zone.
38. All operatives must get a thumbs up from the crane/excavator operator before entering the danger zone.
39. Before making any arm movements ensure that all stabiliser legs are down and fixed firmly on the bed of the canal. The stabiliser legs have large feet to increase the surface area and therefore reduce the ground pressure.
40. When operating the stabiliser legs all operatives should be clear of the legs i.e., the danger zone.
41. Piling works to be undertaken between the hours of 8am and 5pm.
42. Take 'before' photos and send to the office WhatsApp with clear descriptions
43. Establish line of piles to be installed. Piling will be in front of existing wall.
44. Initial pitching of piles will be done by the excavator from land using a MOVAX piling hammer.
45. Piles will be driven to height using air piling hammers on the crane boat.
46. Tie piles into existing wall at either end with piles and double clutches.
47. Back fill between piles and wall with concrete.

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General

48. All appropriate PPE to be worn.
49. All rubbish to be removed from site.
50. If there is a pollution of the waterway contact the CRT project manager and the Environment Agency on 0800 807060 and CRT emergency contact 0800 47 999 47.
51. Gloves must be worn at all times.
52. Wash any parts of the body, which has have come in contact with any hazardous substances.
53. At the end of the day all equipment will be checked and left safely and all boats will be tied correctly so as not to come adrift.
54. Any incidents, near misses or accidents should be reported to the site safety manager on a daily basis.

Competencies

SSSTS Trained Site Supervisor.

CSCS Trained staff

Emergency first aid training

Water safety training

Manual lifting training

COSHH Training

RYA training on work Boats

NPORS digger training

Crane supervisor training

Slinger/banksmen training

First Aid

Tools & Equipment

Van to be checked daily when in use, for safety, fuel and oil.

Hand tools: All tools should be 110v and to be checked daily when in use.

Work craft; To hold a boat safety certificate and checked daily by operatives.

Boat to have stability calculations carried out and to be checked daily by operatives.

Crane/Digger to have LOLER and be inspected daily by operatives.

Nearest A&E

Hillingdon Hospital, Pield Heath Road, Uxbridge, Middlesex UB8 3NN
01895 238282

Assessed by:

Ian Rothen 07/07/22

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By signing below, you are confirming that you have read and understood the above method statement.

Contact information

The Rothen Group: Ian Rothen Director 07903 560772
The Rothen Group: TBC Site Supervisor
Greystar: TBC

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