

Portsmouth Demolition & Salvage Ltd



DEMOLITION PHASE PLAN

The Gables, Purbrook Heath Road, Purbrook, Waterlooville, PO7 5RT

For: WYG Group

Prepared By: Daniel Green

Portsmouth Demolition & Salvage Ltd has been assisted by LCS Project Solutions in preparing this Demolition Phase Plan. The Plan has been prepared in pursuant of Regulation 20 of the Construction (Design and Management) Regulations 2015.

Date:	Revision:	Purpose:
23/02/2018		
27/02/2019	1.1	Review

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1.0 DETAILS OF PROJECT

1.1 Project Details

Project title	The Gables
Project address	The Gables, Purbrook Heath Road, Purbrook, Waterlooville PO7 5RT
Working hours	Monday to Friday 08:00 to 17:30 Saturday 08:00 to 13:00

1.2 Project Description

Demolition of a

Significant risks include:

- Collapse or partial collapse of the structure;
- Significant harm to the public passing the works;
- Waste removal;
- 360-excavator operations

1.3 Programme of Works

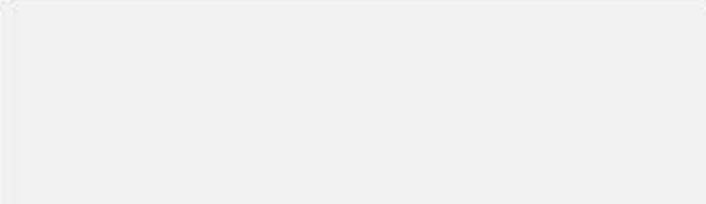
Start date	TBC
Completion date	TBC
Significant dates	

1.4 Principal Contacts

The Client

WYG Group	Contact:	
	Tel:	
	Email:	
	Contact:	
	Tel:	
	Email:	
	Contact:	
	Tel:	
	Email:	

Demolition Contractor

Portsmouth Demolition & Salvage Ltd	Contact:	
419 Victory Business Centre	Tel:	
Somers Road North	Email:	
Portsmouth	Contact:	
PO1 1PJ	Tel:	
	Email:	
	Contact:	
	Tel:	
	Email:	
	Contact:	
	Tel:	
Emergency out of hours contact – A		
Health & Safety Advisor	Contact:	
LCS Project Solutions	Tel:	
295 Fair Oak Rd	Email:	
Bishopstoke		
Eastleigh		
Hampshire		
SO50 8JU		

1.5 Existing Information & Records

Existing Information	Location
Notice of Demolition (Section 81)	Appendix B & site office
Utility services	Drawing (GTWVILLE-SC/01) Site office
Asbestos Survey	Appendix C & site office

1.6 Surrounding Environment

The site is located within its own grounds with woodlands surrounding & onsite parking available , there is a nursery and other properties in the surrounding area which will not be affected by the demolition works or the transport visiting site Access to the site is via Purbrook Heath Road.



2.0 MANAGEMENT OF THE WORKS

2.1 Project Health & Safety Aims

Portsmouth Demolition and Salvage Ltd aim to continually improve health and safety performance, so that accidents and ill health are eliminated from our business and work becomes a benefit to both the individual and organisation. This ethos also extends beyond 'the site' to control risks such as environmental pollution and to persons outside of our company.

Our aims for the project are:

- To create so far as reasonably practicable, a zero-harm site;
- To ensure suitable inductions are carried out prior to individuals being permitted to work, or visitors given access to the site;
- To promote and actively encourage near miss reporting;
- To undertake regular toolbox talks;
- To undertake regular site, plant and other equipment inspections;
- To promote a positive culture with senior management leading by example;
- To monitor the plan and works to ensure the aims are being achieved; and
- To minimise disruption to our neighbours

2.2 Management Responsibilities

A competent Site Supervisor holding a Gold Card site supervisor or SSSTS certificate will be responsible for the day-to-day running of the works and for ensuring effective communications with the workforce and other relevant persons.

A Contracts Manager will make regular visits to site to assist the Site Supervisor in discharging his duties and will also assume responsibility for ensuring appropriate competent sub-contractors have been appointed and the necessary resources are available to ensure effective operational control.

The following table outlines the significant duties and who is responsible for their discharge:

Duty	Ownership
Contracts Manager	Andy Green
Site Supervisor	TBC
Planning	Contracts Manager & Site Supervisor
Fire Plan & Risk Assessment	Contracts Manager & Site Supervisor
Temporary Works Coordinator	Contracts Manager
Temporary Works Supervisor	Site Supervisor
Site Inspections	Contracts Manager/Site Supervisor/H&S Advisor
Plant & equipment inspection	Plant Operators & Equipment Users
Site Inductions	Site Supervisor
Toolbox Talks	Site Supervisor
Project Review	Contracts Manager/Site Supervisor/H&S Advisor

2.3 Site Rules

A copy of the rules and procedures will be attached to all subcontract orders and further copies displayed in the site office and drying room/canteen and can be found in **appendix A**.

2.4 Monitoring & Review

The Site Supervisor is responsible for the daily monitoring of site activities. Monitoring activities include:

- Ensuring plant operators are inspecting plant and equipment users are inspecting tools etc;
- Ensuring access and egress is suitable and the site is secured at all times;
- Ensuring temporary works, temporary services and waste recovery areas are being safely maintained; and
- Ensuring welfare and first aid facilities are correctly provisioned and maintained.

The Contracts Manager has a duty to assist the Site Supervisor in monitoring and reviewing the health and safety arrangements and activities.

Sub-contractors are responsible for monitoring their own works and provide evidence of such monitoring to the Site Supervisor.

Safety inspections will also be carried out by the Companies Health and Safety Advisor.

2.5 Communication & Consultation

Regular site meetings will be held with the Client and sub-contractors. The following topics are to be included on the agenda for discussion:

- Reporting of accidents & incidents;
- Corrective action taken;
- Worker involvement; and
- Client/sub-contractor concerns.

All operatives will be actively engaged to ensure effective cooperation with all matters relating to site health and safety. Methods of communication and consultation include:

- Project site induction;
- Toolbox talks;
- Daily briefings;
- Face to face discussions;
- Poster campaigns; and
- Signage;

2.6 Site Induction

All operatives and visitors are required to attend a Site Induction prior to being permitted to the work area. The Site Supervisor is responsible for delivering the induction training.

The induction will include:

- Notification of the current site conditions and hazards, including restricted areas;
- Who the members of the management team are including first aiders;
- Details of the welfare facilities;
- Site working hours;
- Emergency procedures and first aid provision; and
- Incident reporting;

The induction process will be reviewed throughout the duration of the works and operatives may be required to attend an updated Induction dependent upon the prevailing site circumstances.

2.7 Safe Systems of Work

Risk assessments and method statements are to be developed and communicated to those carrying out activities prior to the activities commencing. Sub-contractors will be required to submit their documentation at least one week prior to commencement of their works, this will give sufficient time for the documentation to be evaluated and incorporated in to the site-wide plan.

Site Supervisors are required to draft Point of Works Risk Assessments (PoWRA) for activities that are not as expected. Prior to the Site Supervisor drafting the PoWRA, the Contracts Manager must be notified of the change on activity.

The following table identifies the required permits. It is the responsibility of the Site Supervisor to ensure the required permits are issued, received and cancelled appropriately.

Permit	Owner
Hot works	Not Required
Excavations	Not Required
Working from harnesses	Not Required
Live electricity	Main Contractor

2.8 Incident Reporting & Investigation

An incident includes the following:

- Injury or ill-health to persons;
- Damage to property or assets; and
- Near miss events.

All incidents are to initially be reported to the Site Supervisor. The Site Supervisor will at the earliest opportunity notify the Contracts Manager of the event, who in turn will instigate the appropriate level of investigation to ascertain the causes and to develop where necessary corrective actions. The Contracts Manager may engage the Companies H&S Advisor to lead or assist with the investigation process.

2.9 Sub-Contractor Procurement & Control

Sub-contractors will be required to demonstrate their competence and resources to carry out elements of work prior to appointment. Areas of enquiry will include previous experience, extent of training, health and safety resources and safety records.

The following table lists the sub-contractors selected for this project:

Sub-contractor	Activity
N/A	N/A

It is the responsibility of the sub-contractor to adequately supervise and control their works. The Site Supervisor will be responsible for co-ordinating sub-contractor activities and monitoring their levels of compliance to the required standards.

2.10 Waste Management Plan

A site visit and survey were carried out by Portsmouth Demolition in September 2019 to identify the types of material and quantities that may be produced during the demolition works.

The table below summarises the list of materials and estimated volumes which will be produced by the demolition works and identifies potential recovery routes:-

Material	Recovery Potential	Approx. in situ quantity	Unit	Recovered material potential	Recovery Index	Recovered material target
Asbestos	Dispose to licenced facility	1	Tonnes	1	0%	0
Concrete/Hardcore	Disposal to recycling Centre	360	Tonnes	360	100%	360
General Waste	Disposal to recycling Centre	20	Tonnes	20	90%	18
Metal	Disposal to recycling Centre	3	Tonnes	3	100%	3

3.0 SAFETY ARRANGEMENTS

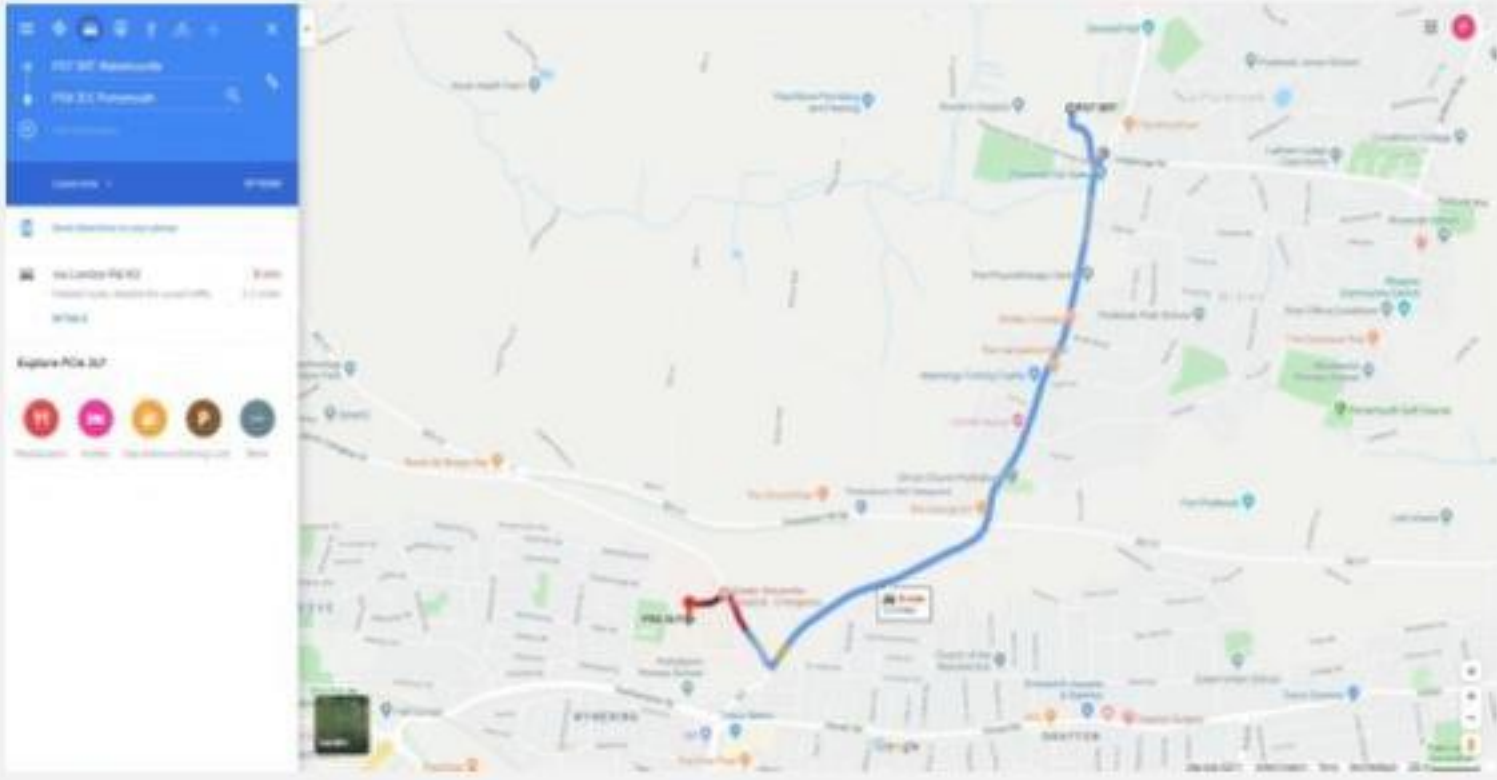
3.1 Utility Services

Service	Status	Action
Electricity - overhead	NA	NA
Electricity - buried	Disconnected	Client to supply disconnection certificates
Gas	Disconnected	Client to supply disconnection certificates
Telecoms	NA	NA
Drainage	Unknown	Client to supply disconnection certificates

3.2 Fire & Emergency Procedures

A fire risk assessment and plan is to be maintained throughout the works and is to be communicated to all operatives through the induction process and if applicable, to others, such as neighbours and shared users of the site.

Hot works is strictly prohibited unless agreement has been reached with client and the relevant hot works permits have been issued.

Location of muster points	To be confirmed by the Principal Contractor
Name & Location of nearest A&E	Queen Alexandra Hospital Southwick Hill Rd, Cosham, Portsmouth PO6 3LY
	
First Aider	TBC
First aid box & location	1 x 50 persons located in the site office

IN THE EVENT OF A SERIOUS EMERGENCY, PHONE 999

The Site Supervisor is the designated first aider and is responsible for ensuring the first aid provision is maintained. The first aid arrangements will be communicated to operatives through the site induction.

3.3 Traffic Plan & Deliveries

Site access	Via Purbrook Heath Road
SAT Nav Code	PO7 5RT
Delivery restrictions	All deliveries are to be attended by a banksman
Site parking	Yes
Pedestrian segregation	Access via office after signing in.



REVERSING WITHOUT A BANKSMAN IS STRICTLY PROHIBITED

3.4 Site Security

The site is to be secure at all times to prevent unauthorised access. Prior to the site being vacated at the end of the working day, the Site Supervisor is responsible for ensuring the perimeter fence is in good condition and secured. Significant hazards on site such as unstable structures are to be made safe prior to securing the site.

The following table details the security provision:

Items	Type	Provider
Perimeter fence	Herras	Client
Gates	Herras	Client
Inner segregation	Herras	Portsmouth Demolition

3.5 Temporary Works

The Contacts Manager is responsible for developing the temporary works register in accordance with BS 5975. The Site Supervisor is responsible for managing the temporary works arrangements and maintaining the temporary works registers.

The following table details the required project temporary works:

Temporary Works	Temporary Works Risk (L M H)	Class	Designer	Independent Checker (Class 2 & 3 Only)
Herras Fence	Low	0	Not Required	NA
Site Accommodation	Low	0	Not Required	NA

3.6 Control of Lifting Operations

Common Lift Plan

Portsmouth Demolition & Salvage adopt a common lift plan for the purpose of lifting 360-excavator attachments & fuel bowzers from our lorry/truck only.

Before any lifting operations begin it is essential that all personnel involved are fully briefed on the significant findings of the risk assessment, the method statement & their individual roles in carrying out the task. The supervisor should ensure that all persons are kept away from the lift area and in particular not below the lift. Personnel should wear hi visibility clothing & other appropriate PPE.

The slinger/banksman will ensure to check the lifting accessories including the lifting point are not damaged or worn & test certification are up to date. The slinger/ banksman should take care to ensure the strops/chains hang freely once attached to the 360-excavator.

The 360 operators should ensure no other attachments are on the machine as to improve visibility & reduce the weight being lifted. The operator should ensure that the environment and location are suitable for the lift before proceeding.

Machine	Lifting Accessory	Item & Weight
Doosan 20T Excavator	Chains 40kg	Fuel Bowser 780KG
		Breaker 20T 149KG

3.7 Working at Height

The planning of working at height must follow the heirarchy of control as required by the Work at Height Regulations 2005:

- Avoid the need to work at height, for example by extending equipment from the ground;
- Prevent falls using appropriate access equipment such as work platforms; and
- Reduce the distance and consequences of a fall should one occur.

Collective measures to prevent falls such as MEWPs should be considered before other measures that may only mitigate the distance and consequence of a fall, such as working from harnesses and lanyards.

All working at height must be planned and organised, including for emergencies and rescue by competent persons. Equipment used in working at height must be regularly inspected and maintained.

The following table details the activities that require working at height:

Activity	Control Measure (MEWP/scaffold/harness etc)
Plant Maintenance	Fixed Guard Rail
Choose an item.	Choose an item.

4.0 HEALTH & WELFARE

4.1 Welfare Facilities

Prior to work commencing, the Contracts Manager will be responsible for ensuring that the provision of suitable welfare facilities meeting the minimum requirements of Schedule 2 of the CDM Regulations 2015 are in place.

Welfare facilities for this project are to be as follows:

Maximum number of persons on site	5
Type of toilets	Chemical
Emptying frequency of chemical toilets	Weekly
Number of mess rooms	One
Number of drying rooms	One
Type of water supply	Bottled
Means of heating food	Microwave
Means for hot drinks	Kettle/water boiler
Lighting	Generator Electric
Heating	Generator Electric
Housekeeping arrangements	Site Supervisor to ensure facilities are maintained in a good sanitised condition and are correctly provisioned



The welfare facilities are provided by the Portsmouth Demolition. PDS operatives are to report any shortcomings with the provision and are to use them responsibly.

4.2 Control of Noise and Vibration

The production of noise and vibration are to be limited at source by the careful selection of equipment for the task. Vibration and noise risk assessments are to be carried out to identify who is at risk and to decide upon the most appropriate control measures and to determine if hearing protection zones are required.

4.3 Asbestos

Authority to commence works can only be given when the location of known asbestos containing materials have been identified and the locations and precautions required to prevent release of fibres have been effectively communicated to operatives.

Where notifiable non-licensed asbestos removal works (NNLW) are to be undertaken, such as:

- Asbestos cement products (roof sheeting) where the material has been substantially damaged or broken up as a result of fire or flood damage etc;
- Asbestos cement products (roof sheeting) where the removal activity will mean that the material will be substantially broken up, creating significant quantities of dust and debris ('dropping' an asbestos cement roof);
- Asbestos paper and cardboard products if not firmly bonded in a matrix; and
- Large-scale removal of textured decorative coatings using steaming or gelling methods.

NNLW Activity	ASB NNLW1 Ref	Date of Notification
Roof Sheets	NA	N/A

Approved licenced contractors are to be engaged to remove asbestos containing materials that are either non-licenced or notifiable non-licenced. A detailed risk assessment and a copy of the HSE's licence is to be submitted for evaluation prior to works commencing.

Licenced Activity	ASB5 Ref	Date of Notification
Choose an item.		N/A

4.4 Discovery of Hazardous Substances

Prior to works commencing, a sweep of the building is to be undertaken to determine if there are any existing substances that may be harmful to health and to the environment and to establish the required control measures to deal with the substances in a safe manner.

Substance (sharps/biological/chemical etc)	Control Measure
Sharps	Notify Client & Risk Assessment
Biological	Notify Client & Risk Assessment
Chemicals	Notify Client & Risk Assessment

4.5 Control of Dust

The production of dust is to be reduced so far as is practicable at source by the use of mist spraying and machine operators exerting a high degree of control during the whole demolition process and loading of wastes for processing or disposal.

For these works the following suppression methods will be used:

Hose attached to Mains Water Supply	Jet Wash Water Bowser
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4.6 Fuels, Oils Etc

Bowsers will be used to store fuel on site. Fuel, oils and associated spill kits/drip trays will be stored in a heras fence compound, a safe distance from the working area. Plant will be refuelled by the plant operative using an electric pump.

5.0 WORK INVOLVING PARTICULAR RISK

5.1 Schedule 3 of the CDM Regulations 2015

Where relevant, specific measures concerning work that falls within one or more of the categories listed in Schedule 3 must be developed and recorded.

The following table lists the categories and the required specific planning arrangements:

Activity	Yes	No	Arrangement
Work which puts workers at risk of burial under Earthfalls, engulfment in swampland or falling from a height, where the risk is particularly aggravated by the nature of the work or processes used by the environment at the place of work or site.	☐	☒	
Work which puts workers at risk from chemical or biological substances constituting a particular danger to the safety or health of workers or involving a legal requirement for health monitoring.	☐	☒	
Work with ionizing radiation requiring the designation of controlled or supervised areas under regulation 16 of the Ionising Radiations Regulations 1999.	☐	☒	
Work near high voltage power lines.	☐	☒	
Work exposing workers to the risk of drowning.	☐	☒	
Work on wells, underground earthworks and tunnels.	☐	☒	
Work involving the assembly or dismantling of heavy prefabricated components.	☐	☒	

APPENDIX A – SITE RULES

SITE RULES

The Site Supervisor will ensure the following;

1. All works are carried out safely and in accordance with the method statement and Risk Assessments.
2. All visitors to site will be entered into the site register and receive site induction before entering the work area.
3. Mandatory PPE is to be worn at all times, this includes Hard Hats, Safety Footwear, Gloves and High Visibility Vests, all as per PPE Risk Assessment. Tasks and Risk Assessment will dictate additional PPE that is to be worn.
4. All operatives are aware of the health and safety plan and method statement and a signature acquired once inducted.
5. Plant and equipment is only to be used by trained and certificated operatives.
6. Any defective plant is noted on the supplied defects sheet and removed from site to be correctly repaired and tested.
7. All paperwork relevant to the site is kept within the site welfare facilities offices, i.e. health and safety plan, safety tickets, waste disposal tickets.
8. It is not envisaged that any power tools need to be used on site, but should it be necessary 110 volt tools only are to be used.
9. Operatives not to work alone or unsupervised.
10. The use of mobile phones on site is restricted to Site Supervisors only. Operatives are not permitted to use their mobile phones during working hours, except during designated break times.
11. The following activities are banned from our sites;

Consumption of alcohol.

Portsmouth Demolition have a zero tolerance Policy, with regards to the taking of alcohol at work, this also applies to operatives reporting for duty under the influence.

Use of illegal substances

Portsmouth Demolition have a zero tolerance Policy, with regards to the taking of non prescriptive drugs at work, this also applies to operatives reporting for duty under the influence of such drugs.

Foul language or shouting

Playing of radios

Horse play

12. **SMOKING:**

There will be no smoking within the buildings. Smoking is to take place in a designated smoking area, a fire bucket or similar is to be made available, for the extinguishing of spent cigarettes.

APPENDIX B – NOTICE OF DEMOLITION

APPENDIX C – ASBESTOS SURVEY

APPENDIX D – TEMPORARY WORKS REGISTER

APPENDIX E – ABS NNLW1 AND AB5 NOTIFICATION