

ST Demolition and Groundworks Ltd

Demolition, Construction, Refurbishments, Stonemasonry, Painting, Cleaning.
Domestic and Commercial

Method Statement

Project Name:

**Demolition Works
Fieldhouse Ind. Est
Fieldhouse Road
Rochdale
OL12 0AA**

**Prepared for:
BizSpace**

All operatives involved in the project will be required to:

- Attend an induction and briefing on the content of this method statement and the requirement of the site.
- Sign a declaration to confirm they have read and understood the contents and will comply with all requirement of the plan.

The method statement is developed through the life of the project and is reviewed on a regular basis and amended if new hazards or site conditions change.

Project Name	Demolition & Strip Out Works	Job No.	TBC			
Site Address	Fieldhouse Ind. Est Fieldhouse Road Rochdale OL12 0AA	Expected Start Date	1 st December 2023			
		Expected Completion Date	TBC January – February 2024 Weather Dependant			
Task Description	Site demolition works to include full soft strip, Guano Removal, removal of concrete footings and foundations, supply of stone to from level ground upon completion.					
Working Hours	Monday to Friday 8am to 16.30pm Weekends & Bank Holidays with the permission of the client and in line with Local Council & Environment Agency Noise Regulations.					
Site Representative	Name: Bobby Aspin Email: aspincoonan@aol.com					
Workforce	No. of Operatives – 3 to 6 The Company will ensure that all its employees are adequately trained in the tasks that they are required to carry out. Documentary proof will be available for inspection. All operatives will sign into site and read the asbestos survey information when arriving at site, where appropriate site supervisors/managers will induct operatives to site. Periodic safety talks (Toolbox Talks) will be given reinforcing the original instruction. Site manager and safety advisor will be at hand to give health and safety advice and to address any concerns that the labour or client may have.					
Key plant & tools Required	Hand Tools	√	Pneumatic Power Tools	√	Abrasive Wheels	√
	Cut Off Saws	√	Access Towers	√	Step Ladders	√
	Excavator	√	Dump Truck		Skip Wagon	√
	Skips	√	Grab Wagon		HIAB Wagon	
	Crane		Scaffolding	√	Welfare Unit	√
	Generator	√	Site Office Block		Storage Container	
Other essential equipment	Water Spray Bottles Bucket & Selecta Grab & Breaker Attachments for Excavator					
Maintenance of plant & equipment	All equipment & tools on site will be maintained by authorised fitters and are routinely tested & serviced. A fitter is available on call during working hours to assist with any breakdowns or damaged equipment. PAT Testing is carried on all electrical items and logged at Head Office. LOLER inspections are carried out on a 6 monthly basis on MEWPS etc and 12 monthly basis on all other plant by an accredited company appointed by the companies’ insurance company.					

Specific identified hazards & risks (also refer to task specific risk assessments)	Manual Handling Dust Working at Height Pedestrians Working at Height							
Specific personnel training requirements	Manual Handling Plant Machinery Operator Certification Working at Height Face Fit Testing							
Key Personnel	Supervisor / site manager	1	Joiner	0	Welder / Steel Fixer	0	Ground Worker	0
	Bricklayer	0	Labourer	3	Machine Operator	1	Banksman	1
	Painter	0	Glazer	0	Scaffolder	0	Electrician	0
Access & egress to work area	Site will be accessed from main road, vehicles will park in the designated area as per site induction by site supervisor.							
Fire & Emergency procedures	Operatives will make themselves aware of the existing site emergency procedures which are attached to this method statement and comply with these at all times. The Company will take reasonable precautions to avoid the outbreak of fire. A “No Smoking” policy will be implemented and all labour on site will be continually educated in the dangers of fire etc. We will implement measures to inhibit or reduce the risk of fire and where appropriate will include the following: • Ensure adequate water supplies are available. • Ensure firefighting equipment of the appropriate type sited in prominent positions. • Staff are trained in the safe use of firefighting equipment. • Fire instruction notices are visible. • Escape routes clearly defined and marked. The assembly point will be on the main road adjacent to the site entrance. The nominated fire wardens will be Owen Lowry & Andy Flynn.							
First aid procedures and facilities	The Company will supply a trained First Aider qualified to a minimum of Emergency First Aid at Work status. First Aider Name – Mike Toner & Alec Ross & Owen Lowry First Aid Box Location – Company vehicle Location of Nearest Hospital – Fairfield General Hospital Rochdale Old Road Bury Lancashire BL9 7TD Telephone Contact - 0161 624 0420							

Welfare	The Company will provide a mobile site welfare unit which will include toilet, site canteen, site office, hot & cold running water, drying area and all associated consumables such as adequate stocks of toilet rolls & hand soap.
Asbestos	Before any works commence operatives will read through the Asbestos demolition survey report provided by the client. All operatives have received Asbestos Awareness training. All operatives will wear FFP3 masks, paper suits, gloves and safety glasses etc during removal works.
Dust	There will dust related issues during the works which arise from the removal of concrete staircase internally and associated items during demolition, this will be counteracted through the use of water suppression where practical.
Working at Height	There will be working at height expected during these works, this will be from MEW{PS and mobile tower scaffold including short duration works from step ladders when other means are not available. All operatives have received working at height, access tower and cherry picker training.
Confined Space	There are no confined spaces expected to be found or entered during the works, if there are any found then work will stop and a suitable risk assessment and amendment to this method statement will be carried out by Gareth Lea.
Lifting Operations	There are manual lifting operations expected during the works, this will be during the removal of debris and moving tools & equipment. All operatives have received manual handling training.
Noise	Equipment will be checked for noise readings prior to use and adequate hearing protection provided for the task. All operatives to wear the hearing protection during noise related tasks. Periodic & random noise testing will be carried out by the companies Health & Safety officer.
Vibration	Operatives will adhere to vibration assessments on the time scales for using any equipment provided. Annual hand arm and whole body assessments are carried out by the company as part of their occupational health screening programme.
Waste	All waste will be removed by client nominated 3 rd party waste contractor vehicles and taken to an authorised Recycling Facility.

Environmental	Operatives have been trained in Environmental control issues and comply with the companies Environmental Policy at all times. All waste materials are removed and disposed of in line with current legislative requirements by an authorised waste transfer station.
Structural Works & Advice	As per advice from client nominated structural engineer and from ST Demolition appointed engineer where required.
Preliminary Works	Information will be gathered as to the type and condition of the site and the possible location of any existing services in the working area if required to do so.
Existing Services	The company have not received copies of Utility Drawings from the client prior to starting works. <u>Gas Pipes</u> The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of gas pipes. <u>Water Pipes</u> The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of water pipes and distribution apparatus. <u>Electricity Cables</u> The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of Electrical cables and installations. The company will refer to the National Grid publications for guidance. <u>Telecoms</u> The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of BT or other Telecoms Plant. <u>Sewers and Drains</u> The company will comply with the general conditions and precautions to be taken when carrying out work in the vicinity of sewers and drains and will refer to the notes on sewer work. The Company have received confirmation of disconnection of services by email and will have disconnection notices prior to demolition works commencing on site.
Site Rules	• No Radios to be operated during the works. • No smoking is allowed near/in internal areas or immediately outside the site grounds. • Designated mess area to be used for breaks and lunches etc. • Keep Welfare Facilities clean and tidy at all times. • Adhere to all existing 'Fire and Evacuation' on-site instructions and procedures.

Contact Numbers

Elliott Toner - Director	07786558261
Gareth Lea – Health & Safety Advisor	07788212556
Elliott Toner – Site supervisor	07786558261
Police / Fire / Ambulance	999
Health & Safety Executive (HSE)	0845 345 0055
Electricity	0800 195 4141
Gas	0800 111 999
Telecom	0800 800 150
Water	0845 746 2200

Written by	Gareth Lea
Date	3 rd August 2023
Signature	<i>GLea</i>

Method Statement & Risk Assessment Declaration

I confirm that I have been briefed on the associated risks involved and I am aware of the restrictions and safety related issues involved in this task.

I will comply with the requirements laid out in this Method Statement and the associated risk assessments.

I am aware that if for any reason I cannot carry out the work as instructed I must stop work and inform my supervisor.

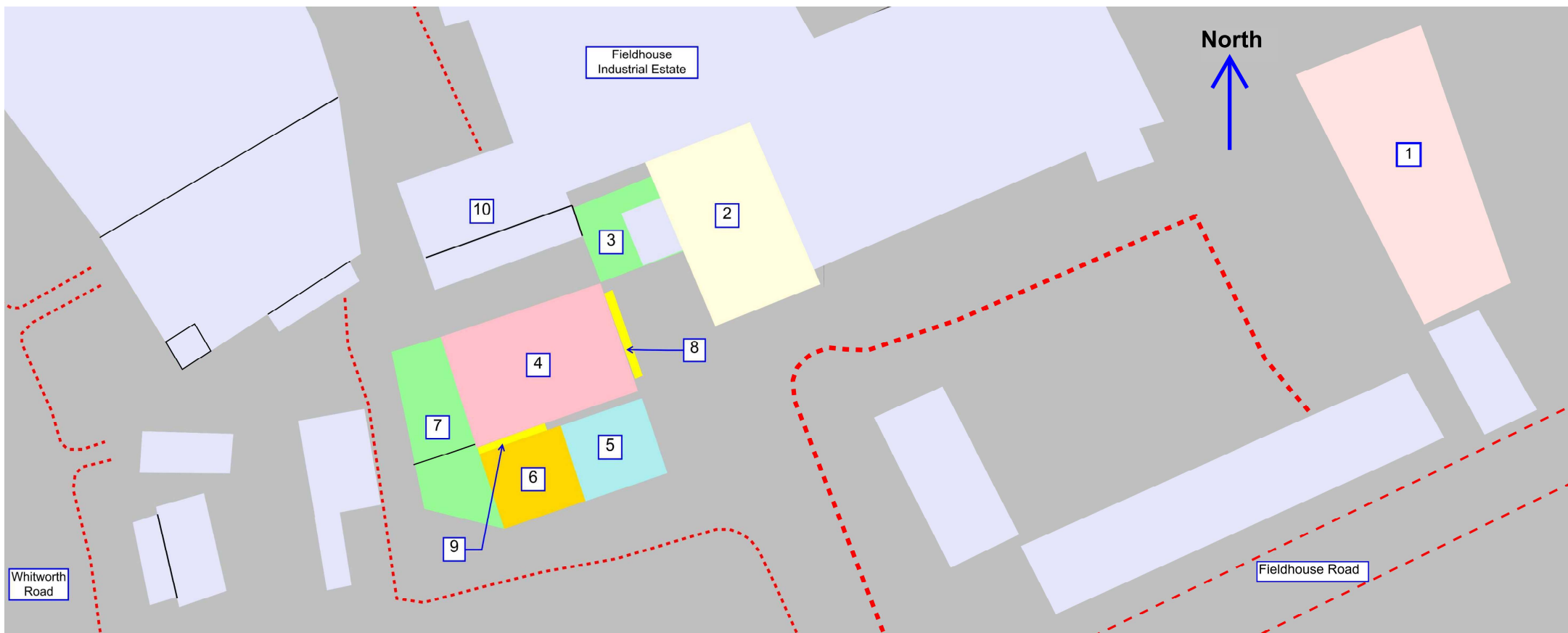
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Sequence of Works

No.	Sequence
1	Attend site and liaise with Project Officers prior to commencing works
2	Operatives to sign in on site
3	Operatives to attend site induction
4	Deliver tools & equipment to site
5	Site welfare unit to be set up in contractor compound
6	Operatives to set up perimeter fencing and secure site
7	Unit D8
8	Site supervisor to assess works and set tasks to operatives
9	Operatives to put on PPE ready to clear away debris & waste
10	Using hand scrapers and picking tools operatives to clear away Pigeon Guano into bags and set aside for removal
11	Operatives to clear away all waste and debris and clear away to skip
12	Operatives to clear away all bags of waste to skip and leave internal of buildings empty
13	Using hand tools & cordless drills to remove all fixtures and fittings from walls and cart away to skip
14	Using hand tools & cordless drills operatives to remove all internal doors & frames and cart away to skip
15	Using hand tools & cordless drills operatives to remove all kitchen units and appliances and cart away to skip
16	Using hand tools & cordless drills operatives to remove all sanitary ware from bathrooms and cart away to skip
17	Using hand tools remove all floor coverings and cart away to skip
18	Clear away all debris and leave building ready for next stage or works
19	Using MEWP – access roof and assess Asbestos Concrete Panels ready to remove
20	Using cordless reciprocating saw and/or cordless grinder and carefully cut through metal retaining bolts to roof sheets
21	Remove Asbestos roof sheets carefully by hand and pass down from MEWP to operatives on ground
22	Operatives to remove Asbestos roof sheets to enclosed Asbestos skip
23	Repeat steps 18 to 21 for all Asbestos roof sheets and seal skip when full ready for removal and disposal by authorised waste contractor
24	Site supervisor to inspect building and give clearance to continue works
25	Using chainsaws where required and hand tools operatives to remove vegetation & trees to rear and clear away all debris to skip
26	Operatives to remove all equipment & tools from building ready for demolition works by excavator
27	Site supervisor to give signal to commence demolition works
28	Using excavator with bucket attachment commence demolition to building starting at top of structure push in brickwork to internal footprint of building
29	Working from one side of building through to opposite side
30	Push in brickwork to internal footprint and allow debris to fall inside
31	Using excavator with bucket attachment pull back debris and load into skip to clear demolition area
32	Once brickwork has been cleared continue with demolition of structure again pushing brickwork into internal footprint of building
33	Using excavator with bucket attachment pull back and clear away remaining brickwork and load into skip
34	Clear away all debris and leave flat concrete floor surface
35	Swap bucket attachment on excavator and fit breaker attachment
36	Using excavator with breaker attachment commence breaking out of concrete building slab working from left to right
37	Break out whole concrete slab to building footprint
38	Swap breaker attachment to bucket attachment on excavator
39	Using excavator with bucket attachment clear away all broken concrete slab into skip
40	**If required swap bucket attachment to breaker attachment and break out any remaining concrete slab and then swap back to bucket attachment to clear away broken concrete to skip**
41	Clear away all debris and prepare for next stage of works

42	Deliver 6F2 hardcore to site using tipper wagons and tip as directed by excavator driver ready for dispersal
43	Using excavator with bucket attachment spread out stone across site to fill in building footprint where demolition carried out
44	Using tracks on excavator compact stone across site and check levels
45	Where levels require further stone use excavator with bucket attachment and spread out more stone then use tracks to compact crush material
46	Clear away all excess stone, materials and debris
47	Remove all equipment, tools and plant machinery
48	Tidy working area
49	Snag works
50	Handover to client
51	Repeat steps above for 3 No units
52	Units F15, F14, F13
53	Site supervisor to assess works and set tasks to operatives
54	Operatives to put on PPE ready to clear away debris & waste
55	Using hand scrapers and picking tools operatives to clear away Pigeon Guano into bags and set aside for removal
56	Operatives to clear away all waste and debris and clear away to skip
57	Operatives to clear away all bags of waste to skip and leave internal of buildings empty
58	Using hand tools & cordless drills to remove all fixtures and fittings from walls and cart away to skip
59	Using hand tools & cordless drills operatives to remove all internal doors & frames and cart away to skip
60	Using hand tools & cordless drills operatives to remove all kitchen units and appliances and cart away to skip
61	Using hand tools & cordless drills operatives to remove all sanitary ware from bathrooms and cart away to skip
62	Using hand tools remove all floor coverings and cart away to skip
63	Clear away all debris and leave building ready for next stage or works
64	Using MEWP – access roof and assess roof Panels ready to remove
65	Using cordless reciprocating saw and/or cordless grinder and carefully cut through metal retaining bolts to roof sheets
66	Remove roof sheets carefully by hand and pass down from MEWP to operatives on ground
67	Operatives to remove all roof sheets to skip
68	Repeat steps 64 to 67 for all roof sheets
69	Operatives to check Gas disconnection notices and ensure pipework has been purged
70	Using reciprocating saws and where required handheld grinders – cut through Gas pipework to walls, roof and other areas and clear away to skip
71	Site supervisor to inspect building and give clearance to continue works
72	Using chainsaws where required and hand tools operatives to remove vegetation & trees to rear and clear away all debris to skip
73	Operatives to remove all equipment & tools from building ready for demolition works by excavator
74	Site supervisor to give signal to commence demolition works
75	Using excavator with bucket attachment commence demolition to building starting at top of structure push in brickwork to internal footprint of building
76	Working from one side of building through to opposite side
77	Push in brickwork to internal footprint and allow debris to fall inside
78	Using excavator with bucket attachment pull back debris and load into skip to clear demolition area
79	Once brickwork has been cleared continue with demolition of structure again pushing brickwork into internal footprint of building
80	Using excavator with bucket attachment pull back and clear away remaining brickwork and load into skip
81	Clear away all debris and leave flat concrete floor surface
82	Swop bucket attachment on excavator and fit breaker attachment
83	Using excavator with breaker attachment commence breaking out of concrete building slab working from left to right
84	Break out whole concrete slab to building footprint

85	Swop breaker attachment to bucket attachment on excavator
86	Using excavator with bucket attachment clear away all broken concrete slab into skip
87	**If required swop bucket attachment to breaker attachment and break out any remaining concrete slab and then swop back to bucket attachment to clear away broken concrete to skip**
88	Clear away all debris and prepare for next stage of works
89	Deliver 6F2 hardcore to site using tipper wagons and tip as directed by excavator driver ready for dispersal
90	Using excavator with bucket attachment spread out stone across site to fill in building footprint where demolition carried out
91	Using tracks on excavator compact stone across site and check levels
92	Where levels require further stone use excavator with bucket attachment and spread out more stone then use tracks to compact crush material
93	Clear away all excess stone, materials and debris
94	Remove all equipment, tools and plant machinery
95	Tidy working area
96	Snag works
97	Handover to client
98	Repeat steps above for 3 No units
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KEY PLAN

- | | |
|---|--|
| 1 Unit 8: 3No buildings.
This site to be cleared. | 6 Security Building (West).
Retain (5) and (6) |
| 2 Mast tower building.
This building is in poor
structural conditon and has
tie bars and corner plates
at each floor level. Retain. | 7 Units F13 & F14
Low level steel structures,
which are to be
demolished. |
| 3 Low level canopy. Retain. | 8 Ground level ramp 1. |
| 4 Unit F15: This building to be
demolished. | 9 2nd floor ramp 2.
Demolish items (8) and (9) |
| 5 Security Building (East) | 10 AutoPack building. Retain. |

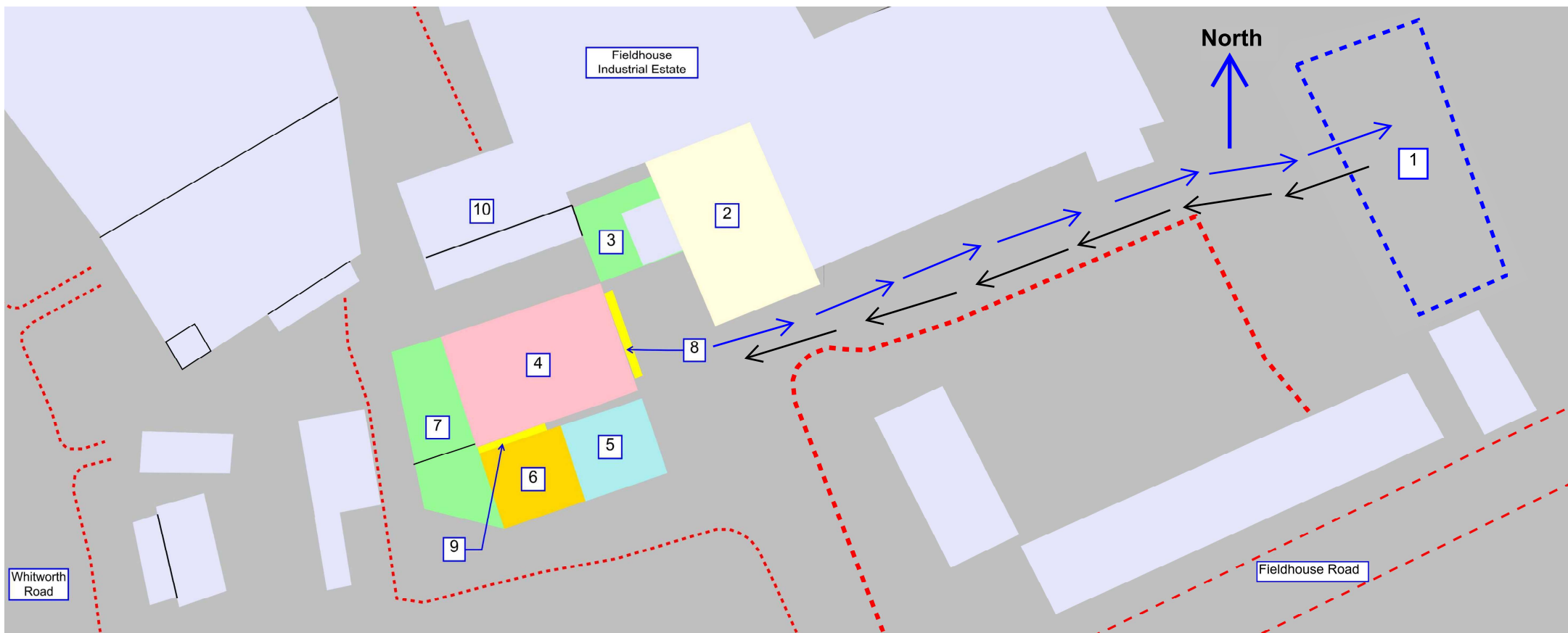
ElliottST Demolition Ltd

**Demolition of Units F8 &
13-15 at Fieldhouse Industrial
Estate, Fieldhouse Road,
Rochdale. OL12 0AA**

Drawing title: Key Plan

Drawing No: D1

Date: 07.03.2022



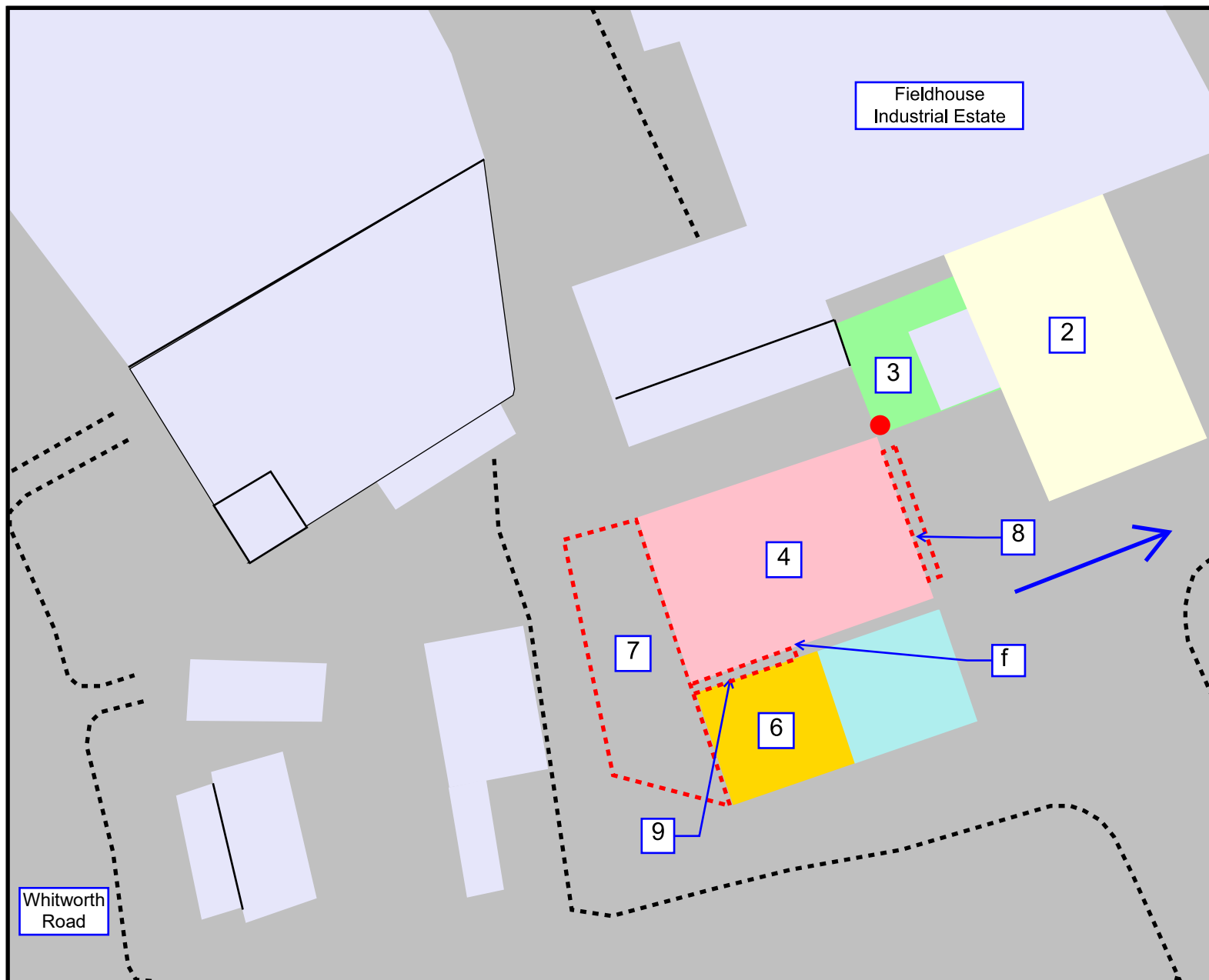
Stage 1

- a Unit 8: Area (1)
3No single storey buildings. These buildings are to be demolished; the ground slabs removed and the site then covered with hardcore fill level with the existing ground level.
- b This area to be used as a storage space for stacking of demolition materials before taking them offsite. Materials from buildings F13-F15 to be taken by dumper truck to area (1) in stages 2-4

ElliottST Demolition Ltd

Demolition of Units F8 & 13-15 at Fieldhouse Industrial Estate, Fieldhouse Road, Rochdale. OL12 0AA

Drawing title: Stage 1
Drawing No: D2
Date: 07.03.2022



Stage 2

- a) Install monitoring equipment at high level / parapet level on building (area 2)
- b) Demolish ground level ramp to item (8). Transfer materials to area (1)
- c) Demolish low level steel structure to area (7)
- d) Demolish high level link ramp between unit F15 (area 4) and security building (area 6)
- e) Provide protection to column to canopy (area 3) nearest to building F15
- f) Remove window frames. Remove doors and frames on external walls at ground floor level and block infill openings

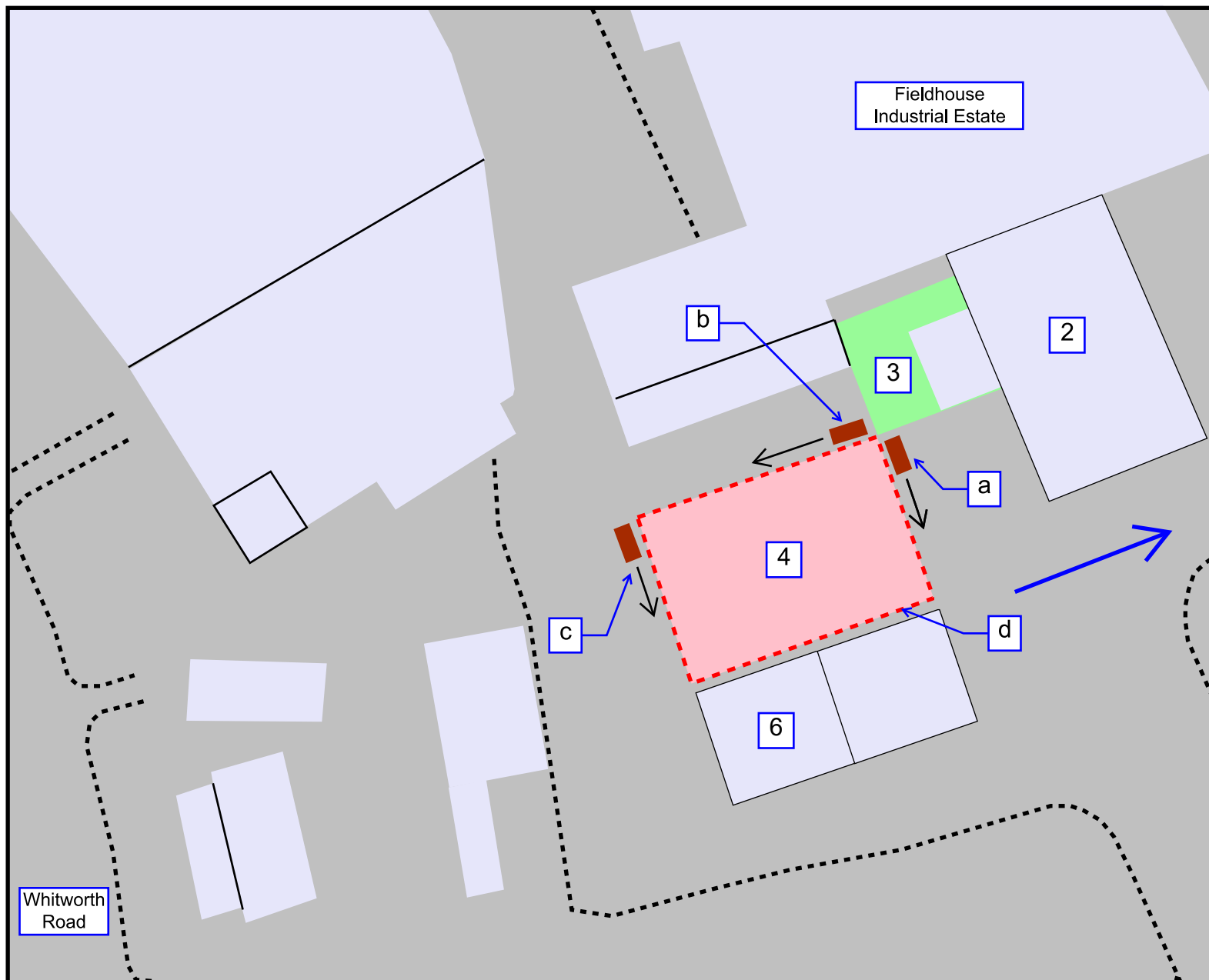
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Demolition of Units F8 & 13-15 at Fieldhouse Industrial Estate, Fieldhouse Road, Rochdale. OL12 0AA

Drawing title: Stage 2

Drawing No: D3

Date: 07.03.2022



Stage 3

Area references as drawing D1

a) Working off a scissor lift, operatives to demolish external brickwork walls from parapet level down. Lift materials off site and transfer to dumper truck. Transfer to area (1)

b) As item a) but to north elevation

c) As item a) but to west elevation.

d) Retain masonry to south elevation til stage 5.

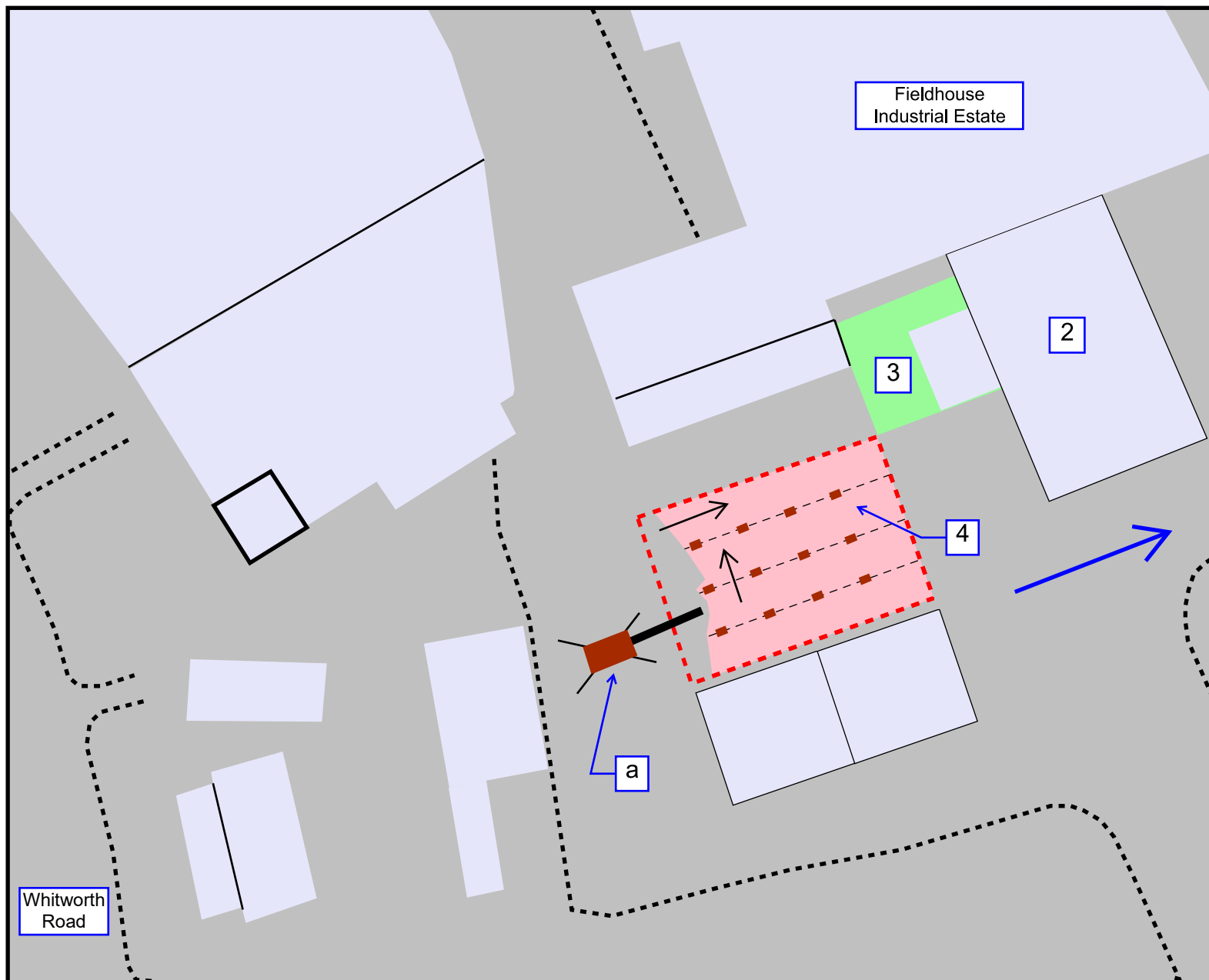
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**Demolition of Units F8 &
13-15 at Fieldhouse Industrial
Estate, Fieldhouse Road,
Rochdale. OL12 0AA**

Drawing title: Stage 3

Drawing No: D4

Date: 07.03.2022



Stage 4

a) Prepare surface of former work area 7 as necessary and then position demolition plant.

b) Working from south west corner start to demolish roof structure to building F15 working in directions shown.

c) As work progresses demolish 2nd and 1st floors in same manner as item b)

d) As work progresses demolish ground slab and masonry wall to south elevation. Transfer to area (1)

e) Continue towards east elevation and finally demolish the end bays. Leave site tidy.

ElliottST Demolition Ltd

**Demolition of Units F8 &
13-15 at Fieldhouse Industrial
Estate, Fieldhouse Road,
Rochdale. OL12 0AA**

Drawing title: Stage 4

Drawing No: D5

Date: 07.03.2022

Demolition Works Risk Assessment

ST Demolition & Groundworks Ltd			Site: Fieldhouse Ind. Est. Rochdale			Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied		
Plant and Mechanical Handling Equipment	Collision with operatives/pedestrians Collision with property or vehicles Tip over of crane vehicle	4	4	16	Operatives Person in working area contractors	All vehicle movements to be escorted by trained and competent banksman. Demolition area to be cordoned off by the demolition team. Flashing beacon and where practical audible warnings to be used on crane vehicle. Operatives to be trained in safe operation of MHE to CPCS/NPORS or equivalent. Banksman to be used when moving around site. Equipment to be checked prior to use.	Supervision & monitoring. Weather to be checked daily before any lifting operations commence. Periodic refresher training for operatives. Liaison with neighbours. Refer to Mechanical Excavator risk assessment.	3	2	6
Open excavations	Operatives falling into open excavations Plant machinery including crane falling in to open excavations	5	4	20	Operative Staff and site visitors Contractors	Site induction for all operatives and explanation of site RAMS. Open excavations where practical to be backfilled or covered over with suitable trench covers. Plant machinery to be kept 2 metres away from open excavation edges.	Supervision & monitoring. Weather conditions to be checked daily. Periodic refresher training. Refer to Working around Excavations risk assessment.	3	2	6
Vehicle Operations	Collision with operatives/pedestrians Collision with property or vehicles Fatality Crush injuries Trapping Bodily harm Theft Arson	5	4	20	Operatives Person in working area Contractors General Public Children	All vehicle movements to be escorted by trained and competent banksman. Deliveries & collections to be done at off peak times wherever practical to do so.	Supervision & monitoring. Periodic refresher training.	3	2	6

Demolition Works Risk Assessment

Security of site	Fatality Crush injuries Trapping Bodily harm Theft Arson	4	4	16	Operatives Person in working area Contractors Trespassers Children	Block 'N' Mesh fencing to be erected around the working area where required. Inspections of area made each day where practical & safe to do so before works commence. Warning signage erected around site.	Monitoring of site. Vehicles isolated at the end of each day.	3	2	6
Working at Height including MEWPS, & Mobile Scaffolding etc	Falls from height Fatality Suspension trauma Head injury Falling debris Falling tools	4	4	16	Operatives Person in working area Contractors General Public Children	Operatives trained in working at height. Weather conditions to be monitored on a daily basis. MEWPS to be inspected before use each day. Harnesses to be used when operating MEWP – Cherry Picker. No changes to be made to scaffolding towers unless by trained operative. Drop zone in place. Ladders to be used of short duration works only in the event of no available access by mobile towers or MEWPS.	Supervision & monitoring. Periodic refresher training. Daily inspections of mobile scaffold towers by operatives.	4	2	8
Falling Debris	Fatality Bodily harm Lost time incident Crush injury Cuts & abrasions	5	4	20	Operatives Person in working area Contractors	Drop zone areas identified Banksman to maintain working area and prevent unauthorised access. Excavator operator to be trained to CPCS / NPORS or equivalent standard.	Supervision and monitoring. Periodic refresher training. Hand demolition to be employed as far as practical.	3	3	9

Demolition Works Risk Assessment

Slips, trips & Falls	Injury to operatives due to uneven ground or works debris on site.	4	3	12	Operatives Person in working area contractors	Working area to be kept tidy at all times. Where practical all footings to be backfilled and completed. Site task lighting to be implemented where necessary. Harnesses to be worn when operating MEWP – Cherry Pickers.	Supervision & monitoring. Adequate site signage. Site induction.	3	2	6
Fire & emergency procedures including first aid	Fatality Bodily harm Burns Smoke inhalation and breathing difficulties	5	4	20	Operative Persons in working area Site staff Emergency services staff	Operatives to be inducted to site by site manager before works commence. Site supervisor to liaise with site management. ST Demolition to provide a minimum of at least 1 first aid trained operative at all times. Fire extinguishers to be provided on site at all times. Disconnection notices to be supplied by client prior to demolition & strip out to commence. Gas pipes to be purged before removal.	Planning, monitoring and supervision. Liaison with site management. First aid operatives to be identified in site folder.	3	2	6
Utility services	Fire Explosion Burns Electrocution Property damage Equipment damage Fatality Lead poisoning	5	5	25	Operatives Persons in working area Contractors General Public Emergency services staff	Client to organise disconnection of services including Gas & Electricity and provide disconnection notices. Gas pipework to be purged before removal to ensure all gas remnants removed to prevent explosion risk. Operatives to wear appropriate PPE when handling waste pipework such as lead etc. Excavation areas to be CAT Scanned prior to any excavation work being carried out on site.	Supervision & monitoring. Tool Box on Site Safety including fire prevention and lead poisoning.	3	2	6

Demolition Works Risk Assessment

Strains from heavy lifting including musculoskeletal injuries and manual handling	Operatives injuring themselves lifting heavy materials Temporary injuries Long term injuries including paralysis	5	4	20	Operative Staff and site visitors Contractors	All operatives to have been given adequate manual handling training. Team lifting to be encouraged. Lifting aids to be provided on site for use by operatives during heavy lifting operations. Adequate PPE provided to all operatives for manual handling activities. Adequate loading/unloading space to be provided for vehicle deliveries by HIAB etc.	Supervision & monitoring. Periodic manual handling refresher training. Lifting aids to be serviced and maintained. Site manual handling risk assessments to be carried out.	3	2	6
General public contact during access to site from external area	Bodily hurt Lost time incident Slips, trips & falls Cuts & abrasions	5	4	20	Operative Staff and site visitors Contractors	Deliveries to be times to avoid peak times of pedestrian foot traffic. No materials to be left unattended at any time on the external perimeter of the building. Banksmen to be used for delivery vehicles access/egress to site.	Planning, training and supervision Signage to be erected around site	3	2	6
Close proximity risks such as pedestrians, children and passing cars etc	Members of the public entering the working area	4	3	12	Operative Staff and site visitors Contractors Members of the public	Working area to be cordoned off. Flashing beacons and audible warning devices to be used on all plant. Banksman to be used at all times during vehicle movements. Pedestrian barriers to be utilised for segregation. Consultation with neighbouring properties.	Supervision & monitoring. Periodic Refresher Training.	3	3	9

Demolition Works Risk Assessment

Parked Vehicles	Damage to vehicles RTA Obstruction of emergency access routes	3	3	9	Operative Staff and site visitors Contractors Members of the public	Site supervisor to liaise with neighbouring businesses & residents regarding vehicle parking. Protection of parked vehicles where practical by site operatives. Emergency access routes to be kept clear at all times.	Supervision & monitoring. Site Supervisor to carry out daily checks of site perimeter.	2	2	4
Weather conditions	Falling loads Falls from height Slips, trips & falls	4	3	12	Operative Staff and site visitors Contractors Members of the public	Weather conditions to be monitored daily. Ground conditions to be checked daily in particular after heavy rain or snow fall. Limited working on roof during heavy rainfall or adverse weather conditions.	Supervision & monitoring. Site Manager to check weather conditions & forecast on a daily basis.	4	4	2
Use of abrasive wheels / disc cutter	Exposure to dust particles Exposure to flying materials Fire risk Cuts & abrasions Amputation Fire & explosion	5	4	20	Operative Staff and site visitors Contractors	Operative to be trained in the safe use of abrasive wheels. Operative to be trained in the correct use of PPE including dust mask and be face fit tested. Wet cutting to be used for all organic materials such as bricks/blocks etc to prevent dust exposure. Correct blade for the type of materials to be cut are used. Petrol/fuel supplies to stored in appropriate storage containers at all times.	Supervision & monitoring. Periodic refresher training on abrasive wheels. Annual face fit testing. Readily available supply of water for suppression systems. MSDS sheets to be available for fuel supplies.	3	3	9

Demolition Works Risk Assessment

Cement and silica dusts	Dermatitis & skin disorders Burns to skin Breathing difficulties Allergic reactions Visibility issues Eye injuries Occupational asthma	4	4	16	Operative Staff and site visitors Contractors	Operatives to wear appropriate PPE including dust masks and safety glasses. Welfare facilities to be provided including access to running hot & cold water. Access to barrier cream and moisturising creams. Wet cutting to be employed at all times when cutting organic materials such as cement and bricks etc. Dust buster spray units to be fitted and in use during all dusty works where practical to do so. The inclement weather (rain) will be utilised as far as reasonably practical to add additional dust suppression measures.	Supervision & monitoring. Annual face fit testing. Readily available supply of water for suppression systems.	3	2	6
Fuel & oil storage and spills	Environmental issues Fire Explosion Dermatitis Slips, trips & falls Breathing difficulties	4	3	12	Operative Staff and site visitors Contractors Members of the public	Spill kits available at all times on site. Generators to be placed on drip trays. Limited fuel & oil stored on site. Fire extinguishers available on site at all times.	Supervision & monitoring. Annual servicing of fire extinguishers. MSDS sheets available for all COSHH materials used on site.	3	2	6
Noise	Noise induced hearing loss Temporary & permanent hearing loss Stress	4	3	12	Operative Staff and site visitors Contractors Members of the public	Operatives to wear appropriate PPE including correct rating hearing protection when operating shot firing equipment or working around noise producing equipment. Tools & equipment to be checked daily before use. Operatives to be trained in the safe use of impact/shot fired tools.	Supervision & monitoring. Reserve PPE available in the site office.	2	2	4

Demolition Works Risk Assessment

Tools & equipment operation	HAVS Vibration white finger Manual handling injuries	3	3	9	Operative Staff and site visitors Contractors Members of the public	Operatives received training for equipment. Equipment PAT tested in line with regulations. Operatives to observe vibration regulations and rotate use along with scheduled breaks.	Monitoring, supervision and training.	3	2	6
Asbestos Containing Materials	Breathing difficulties Mesothelioma Illness Fatality	5	4	20	Operative Staff and site visitors Contractors Members of the public	Operatives trained in the safe removal of asbestos containing materials. Asbestos Demolition & Refurbishment survey available on site. Sealed skip to be used for removal of asbestos containing materials (roof sheets).	Monitoring, supervision and training. Trained removal operatives. Periodic refresher training.	3	2	6
Materials	Slips, trips & falls Crush injury Impact injury Cuts & abrasions	4	3	12	Operative Staff and site visitors Contractors Members of the public	Material deliveries to be escorted by banksmen at all times. Deliveries to be planned around peak site times. All materials to be stored in working area and not causing any obstruction to pedestrian access or fire escape routes. Vegetation cut back to be placed in spoil piles in areas as directed by client on pre-site meeting. All vegetation spoil piles to be located away from buildings to prevent risk of arson of fire damage due to dry materials.	Planning, monitoring and supervision.	3	2	6

Demolition Works Risk Assessment

Environmental Issues and concerns	Destruction of wildlife habitat Nesting birds Pollution of environment Spillages	4	4	16	Operative Staff and site visitors Contractors	Site supervisor to inspect each area of vegetation prior to removal for signs of nesting birds or wildlife habitats. Works to stop immediately if deemed to cause disturbance of nesting animals or a danger to underground sets. Accidentally harmed animals in vegetation to be taken immediately to nearest veterinary surgery for treatment. Where practical smaller areas or vegetation to be worked on rather than large scale areas at once.	Supervision & Monitoring. Spill kits available.	2	2	4
Sharps & contaminated drug paraphernalia	Illness Infection Drug related illnesses Eye injury Puncture wounds	4	5	20	Operative Staff and site visitors Contractors	Sharps to be picked up using mechanical means such as hand grabs and disposed of in a sharps box. Drugs paraphernalia to be collected using mechanical means such as hand grabs and disposed of in waste. Area to be swept where practical ahead of operatives carrying out vegetation/external works or hand digging works etc.	Supervision & monitoring. Operatives to be briefed regarding correct procedures.	3	3	9
Pigeon Guano & Vermin Waste	Weil's Disease Illness Nausea Blood Poisoning Fever Fatality	5	4	20	Operative Site visitors Contractors	Operatives to wear appropriate PPE during demolition works in contaminated areas. Pigeon Guano & Waste to be removed as far as reasonably practical prior to works commencing. Welfare facilities to be provided during works including hand washing facilities.	Supervision & monitoring. Hand sanitiser made available during demolition works.	3	3	9

Demolition Works Risk Assessment

Covid	Spread of illness Lost time due to illness Shortness of breath Fatality	5	4	20	Operative Staff and site visitors Contractors Members of the public	Site supervisor to manage site arrangements. Adequate PPE to be provided on site at all times. Cleaning materials available at all times. Welfare facilities to be provided at all times and adequately cleaned.	Supervision & monitoring. Employee welfare checks. Employees kept up to date with current regulations.	3	3	9
Monkeypox	Spread of illness Lost time due to illness Shortness of breath Fatality Skin disorders Nausea	5	4	20	Operative Staff and site visitors Contractors Members of the public	Site supervisor to manage site arrangements. Adequate PPE to be provided on site at all times. Cleaning materials available at all times. Welfare facilities to be provided at all times and adequately cleaned. Operatives to attend tool box talk on symptoms and spread.	Supervision & monitoring. Employee welfare checks. Employees kept up to date with current regulations.	3	3	9

Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
Signature	<i>GLea</i>
Review Date	30 th January 2024

Abrasive Wheels & Cut Off Saws Risk Assessment

ST Demolition & Groundworks Ltd			Site: Fieldhouse Ind. Est. Rochdale			Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied		
Incorrect storage of discs	Eye injury Cuts & abrasions Damage to equipment	4	4	16	Operatives Persons in working area	Ensure suitable storage facilities available at workplace for wheels and discs Avoid extreme temperatures of hot & cold.	Supervision & monitoring.	2	2	4
Incorrect mounting or wrong disc	Injury due to damaged disc	4	3	12	Operative persons adjacent	Only trained personnel to change abrasive wheels. The correct wheel for the type of machine, speed and material to be cut will be ordered and supplied.	Planning, training and supervision	2	2	4
Bursting of disc	Injury due to damaged disc	4	3	12	Operative persons adjacent	Check discs prior to use. Ensure guards are in place. Operators not to put undue pressure on equipment and to use the right wheel. Correct disc is used for the type of materials to be cut and the model of saw.	Inspection, training and supervision	2	2	4

Abrasive Wheels & Cut Off Saws Risk Assessment

Contact with wheel	Lacerations or amputation of fingers	3	4	12	Operative	PPE will be worn as directed, to include hearing, eye, body, head and foot protection as appropriate to the machine. Only to be used when standing on a firm base.	Training and supervision	1	1	1
Clothing entanglement with moving parts	Fractures, lacerations, bruising etc	4	4	16	Operative	Overalls to be worn, closed at wrist Manufacturers guards to be fitted. Long hair to be tied back at all times when using abrasive wheels. Loose wrist chains, watches etc, to be removed during use of abrasive wheels.	Supervision and PPE issue records	1	2	2
Inhalation of dust	Chest injuries, occupational asthma	4	3	12	Operative persons adjacent	Dust mask to FFP3 standard, COSHH assessment carried out Water bottle to be fitted when cutting concrete & cement products to aid in dust suppression.	MSDS from suppliers, PPE to be issued to operatives	1	2	2

Abrasive Wheels & Cut Off Saws Risk Assessment

Eye injury from ejected particles	Blindness, eye damage	4	4	16	Operative, person adjacent.	Eye protection to be worn whilst operating. Operatives to ensure that other persons are to be kept away from areas where sparks or dust are directed Ensure suitable storage facilities available at workplace for wheels and discs	Supervision, PPE issue records	3	3	9
Noise	Hearing loss, industrial deafness or tinnitus	4	4	16	Operative, person adjacent	Noise assessments to be carried out if action levels are exceeded. PPE issued.	Supervision, training and PPE issue records	3	3	9
Vibration	Vibration white finger (HAV)	4	4	16	Operative	Tool and disc sufficient for the job. Low vibration tools to be purchased.	Policy training and supervision	3	3	9

Abrasive Wheels & Cut Off Saws Risk Assessment

Petrol fumes	Loss of consciousness Breathing difficulties Eye irritation	4	4	16	Operatives, people in working area	Do not use in confined spaces. Ensure adequate ventilation in working area when in use. No smoking around saw or in working area. Adequate PPE to be worn. Ensure correct mix ration is used when re-fuelling.	Training and supervision	3	2	6
Fire	Bodily hurt burns	4	4	16	Operative, people in working area	Petrol stored in sealed and secure containers away from direct working area. No smoking round fuel stores or in fuelling area. Re-fuelling area to be well ventilated. Allow saw to cool down before re-fuelling.	Training, planning and supervision	3	2	6

Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
Signature	<i>GLea</i>
Review Date	30 th January 2023

Use of Chainsaw Risk Assessment

ST Demolition & Groundworks Ltd					Site: Fieldhouse Ind. Est. Rochdale			Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied				
Saw strike to hands and feet or other body part	Bodily Harm Fatality Lost time incident Amputation	5	4	20	Operative Persons in working area	Operatives to be fully trained. Periodic refresher training. Adequate & appropriate PPE provided to and worn by operative. Clear working area.	Planning, supervision, training and monitoring	3	3	9		
Saw strike to 3 rd party	Bodily Harm Fatality Lost time incident	5	4	20	Operative Persons Adjacent Persons in working area	Operatives to be fully trained. Periodic refresher training. Adequate & appropriate PPE provided to and worn by operative. Clear working area. Pedestrian barriers erected to control work area. Adequate signage erected in working area. Exclusion zone.	Planning, supervision, training and monitoring	3	3	9		
Debris including dust and chippings	Lost time incident Eye injury Loss of sight Cuts & abrasions	5	4	20	Operative Persons in working area	Operative to wear appropriate eye & face protection during use. Clear cutting zone. Working area to be kept clean & tidy.	Supervision, training and monitoring	3	2	6		

Use of Chainsaw Risk Assessment

Vibration	HAV Syndrome Vibration white finger	5	5	25	Operative	Job rotation to prevent prolonged exposure. Vibration assessments. Maintenance of equipment. Adequate & appropriate hand protection to keep warm & dry	Supervision, training and monitoring Specify low vibration equipment when purchasing or hiring	3	2	6
Noise	Noise induced hearing loss Tinnitus Stress Headaches	4	4	16	Operative Person adjacent Person in working area	Adequate & appropriate hearing protection provided to and worn by operatives. Noise exclusion zone. Noise assessments.	Planning, supervision, training and monitoring Specify low noise equipment when purchasing new or hiring	3	2	6
Musculoskeletal injuries	Lost time incident Upper limb disorders Back pain or injury Stress	4	4	16	Operative Persons in working area	All operatives trained in manual handling techniques. Operatives to receive periodic manual handling refresher training. The use of mechanical lifting aids to be utilised when felling large trees or branches.	Planning, supervision, training and monitoring	2	2	4

Use of Chainsaw Risk Assessment

Inclement weather including rain and high winds	Bodily harm Fatality Lost time incident Cuts, abrasion and sprains etc	5	5	25	Operative Persons Adjacent Persons in working area	Operatives trained in safe working practices. The use of spotters and banksmen at all times. Mechanical handling aids available. Pedestrian barriers to secure working area. Works to be made safe and then stop in severe weather conditions.	Operatives trained in safe working practices. The use of spotters and banksmen at all times. Mechanical handling aids available. Pedestrian barriers to secure working area. Works to be made safe and then stop in severe weather conditions.	3	3	9
Falling branches, trees and debris	Bodily harm Fatality Lost time incident Cuts, abrasion and sprains etc	4	4	16	Operative Persons Adjacent Persons in working area	Spotters in working area when felling branches. Pedestrian barriers erected to secure working area. Drop/exclusion zone set up. Area checked clear before felling. Adequate signage erected in working area.	Planning, supervision, training and monitoring	3	3	9
Transport of saws & equipment	Cuts & abrasions Fire from spilt fuel Skin contact with fuel	3	3	9	Operative	Equipment to be transported in separate part of vehicle from operatives. Chain guard to be fitted at all times. Stored upright to prevent fuel spillages. Secured to prevent movement in vehicle during transit.	Supervision and monitoring	2	2	4

Use of Chainsaw Risk Assessment

Refuelling of equipment and storage of fuel	Explosion Dermatitis Skin burns Fire	3	3	9	Operative Persons in working area	Operatives to be trained in refuelling procedures. Engine to be stopped and allowed to cool before refuelling. Spill kit available. No smoking in refuelling areas. Fire extinguisher available in refuelling area. Refuelling area to be away from felling area. Fuel containers to be clearly marked and stored securely.	Planning, supervision, training and monitoring	2	2	4
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Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
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Review Date	30 th January 2023

Fuel Storage & Re-Fuelling Operations Risk Assessment

ST Demolition & Groundworks Ltd			Site: Fieldhouse Ind. Est. Rochdale			Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied		
COSHH	Dermatitis Eye injury	4	4	16	Operative Staff and site visitors Contractors Wildlife Environment	PPE provided to operatives for use when re-fuelling including gloves and safety glasses as a minimum. Material safety (MSDS) sheets available for all fuel types. Staff training. Spill kit available.	Supervision & monitoring. Periodic refresher training. Monthly review of spill kit contents. Reserve PPE stocks available at all times.	3	3	9
Flammable substance	Fatality Property damage Burns Explosion Fire	5	4	20	Operative Staff and site visitors Contractors Wildlife Environment	No smoking signage to be on display. Approved storage container to be used for storage of all fuels. Fuel storage to be away from direct sources of heat. Vehicles to be turned off when re-fuelling. Fire extinguishers available in re-fuelling area at all times.	Supervision & monitoring. Periodic refresher training. Annual servicing of fire extinguishers. Reserve PPE stocks available at all times.	4	3	12
Storage of fuel	Fire Explosion Environmental issues Theft Fumes/vapours	5	4	20	Operative Staff and site visitors Contractors Wildlife Environment s	No smoking signage to be on display. Approved storage container to be used for storage of all fuels. Fuel storage to be away from direct sources of heat. Segregated area for fuel storage and re-fuelling operations. Authorised operatives access only. Fuel storage area to be away from drainage runs and streams etc.	Weekly monitoring of fuel storage container. Periodic site security review. Staff re-fuelling training. Lockable fuel storage container with authorised access only. Reserve PPE stocks available at all times.	4	3	12

Fuel Storage & Re-Fuelling Operations Risk Assessment

Spillages	Environmental issues Dermatitis Fire Property damage Equipment damage	4	5	20	Operative Staff and site visitors Contractors Wildlife Environment	Spill kit available at all times in re-fuelling area. Staff training on re-fuelling processes. Authorised operatives to re-fuel vehicles only.	Supervision & monitoring. Periodic refresher training. Monthly review of spill kit contents. Reserve PPE stocks available at all times.	3	3	9
Weather conditions	Spillages Environmental issues Eye injury Dermatitis Accidental splashing of fuel on body	4	4	16	Operative Staff and site visitors Contractors Wildlife Environment	Operatives to check weather condition daily before re-fuelling operations take place. Re-fuelling operations not to take place in heavy rain fall due to potential for spreading of fuel across site. PPE to be worn to avoid contact with eyes or hands etc.	Supervision & monitoring. Management to review weather conditions daily.	3	2	6
Re-fuelling vehicles	Slips, trips & falls Spillages Dermatitis Environmental issues Eye injury Fire	5	4	20	Operative Staff and site visitors Contractors Wildlife Environment	Operatives to ensure all vehicles are switched off and isolated ready for re-fuelling process. Operatives to be trained in re-fuelling processes. Appropriate PPE to be worn at all times whilst re-fuelling. Weather conditions to be checked before re-fuelling process begins. Vehicles to be parked on level ground. Operatives not to overfill vehicles with fuel.	Supervision & monitoring. Periodic checks of re-fuelling processes by management. No smoking signage in re-fuelling area. Reserve PPE stocks available at all times.	3	2	6

Fuel Storage & Re-Fuelling Operations Risk Assessment

Disposal of fuel contaminated waste	Fire Dermatitis Environmental issues	4	4	16	Operative Staff and site visitors Contractors Wildlife Environment	Waste to be removed to contaminated skip and disposed of as contaminated by an approved waste company. Spill kit available at all times whilst transferring contaminated waste to skip. Appropriate PPE to be worn at all times when handling fuel contaminated waste.	Supervision & monitoring. No smoking signs around contaminated waste area. Reserve PPE stocks available at all times.	3	2	6
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Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
Signature	<i>GLea</i>
Review Date	30 th January 2023

Hand Tools Risk Assessment

ST Demolition & Groundworks Ltd					Site: Fieldhouse Ind. Est. Rochdale		Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied			
Injuries from defective tools	Bodily hurt Loss of eyesight Sever injury	4	4	16	Operatives Persons in working area or working nearby	Tools should be suitable and sufficient for task at hand. Adequate PPE worn for tools used. Eye protection to BS EN 166 standards, and to be worn when using any hand tool that may cause flying particles such as hammer, chisel, pry bar etc. Tools to be inspected before and after use. Tools to be cleaned and kept free from grease. Tools should be in good condition and taken out of service if damaged. Mushroom heads should be removed from chisels before use. Screwdrivers and chisels are not to be used as pry bars. Sharp edges to be protected when in storage or transit.	Supervision, monitoring and training Spot checks by management	3	2	6	
Manual handling	Musculoskeletal injuries Upper limb disorders Amputation of fingers or other body parts	4	3	12	Operatives Persons in working area or working nearby	Tools should be suitable and sufficient for task at hand. Operatives to be trained in use of hand tools selected for the task.	Supervision, monitoring and training Spot checks by management	2	2	4	

Hand Tools Risk Assessment

Impact injuries to hands/fingers/feet etc	Bodily injury Loss of limb Amputation of fingers Lost time incident Fatality	4	3	12	Operatives Persons in working area or working nearby	Adequate PPE worn for tools used. Operatives to be trained in use of hand tools selected for the task. Hand tools inspected before use.	Supervision, monitoring and training Spot checks by management	3	2	6
Contact with utilities during groundworks activities	Electrocution Burns Gas leak Explosion	5	4	20	Operatives Site contractors	Utility drawings to be requested prior to works commencing. Insulated tools to be used where the likelihood of electric cables is present. Emergency contact numbers to be provided to operatives in the event of an emergency.	Supervision and monitoring. Periodic tool box talks.	3	3	9

Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
Signature	<i>GLea</i>
Review Date	30 th January 2023

Pneumatic Power Tools Risk Assessment

ST Demolition & Groundworks Ltd			Site: Fieldhouse Ind. Est. Rochdale			Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied		
Noise	Tinnitus Hearing Loss Headaches Stress	4	5	20	Operatives Persons in working area or working nearby	Adequate PPE to be provided and worn by all operatives in the working area. Noise assessments. Engine compartments kept closed and mufflers in place as per manufacturers specifications.	Supervision, monitoring and training Regular noise assessments	3	3	9
Dust	Occupational asthma Breathing difficulties	4	4	16	Operatives Persons in working area or working nearby	Adequate PPE to be provided and worn at all times, minimum of FFP3 dust masks. Extraction systems to be used where practical. Well ventilated work areas. COSHH Assessment Compressed air not to be used to clean down clothing.	Supervision, monitoring and training.	2	4	8
Vibration	Vibration white finger (VWF)	4	5	20	Operatives Persons in working area or working nearby	Vibration assessment of tools and task. Rotation of working with pneumatic tools. Low vibration tools purchased where practical.	Supervision, monitoring and training.	2	4	8

Pneumatic Power Tools Risk Assessment

Clothing entanglement with moving parts	Bodily hurt Fractures, lacerations, bruising etc	4	4	16	Operatives	Manufacturers' guards to be fitted. Operatives trained in use of tools. Overalls to be worn	Supervision, monitoring and training.	2	4	8
Eye injury from ejected particles	Blindness, eye damage	4	4	16	Operatives Persons in working area or working nearby	Eye protection to be worn whilst operating. Operatives to ensure that other persons are to be kept away from areas where sparks or dust are directed	Supervision, monitoring and training.	2	4	8
Petrol fumes	Loss of consciousness Breathing difficulties Eye irritation	3	4	12	Operatives Persons in working area or working nearby	Do not use in confined spaces. Ensure adequate ventilation in working area when in use. No smoking around saw or in working area. Adequate PPE to be worn. Ensure correct mix ration is used when re-fuelling.	Training and supervision	2	3	6

Pneumatic Power Tools Risk Assessment

Fire	Bodily hurt Burns	4	4	16	Operatives Persons in working area or working nearby	Petrol stored in sealed and secure containers away from direct working area. No smoking round fuel stores or in fuelling area. Re-fuelling area to be well ventilated. Allow saw to cool down before re-fuelling	Supervision, monitoring and training.	2	4	8
Transport & storage of pneumatic tools	Musculoskeletal injuries Upper limb disorders Back pain Impact damage to hands/fingers/feet etc	4	4	16	Operatives Persons in working area or working nearby	Operatives to have manual handling training. Adequate storage facilities and loading & unloading areas. Mechanical lifting aids used where practical. Fuel caps are secured before transporting. Ensure jockey wheels, stands and brakes are secured before leaving unattended.	Supervision and training. Periodic manual handling refresher training	2	3	6
Compressed air	Eye injury Breathing difficulties Occupational asthma	4	5	20	Operatives Persons in working area or working nearby	Hoses, connections and valves checked before and after use. Adequate PPE to be worn when using compressed air tools, safety glasses, safety boots and gloves as a minimum all to BS EN 166 standards. Compressed air is not to be used to clean off or blow down clothing as air can enter the body via the skin. Tools to be disconnected when changing attachments or blades. Compressed air tools to be used in well ventilated areas.	Supervision and training LEV & POWER assessments for tools to be kept in date	3	4	12

Pneumatic Power Tools Risk Assessment

Hydraulic oil and fluids	Dermatitis Skin disorders Blood poisoning	4	5	20	Operatives Persons in working area or working nearby	Spill kits available when tools in use. Hand washing facilities provided for operatives. Adequate PPE provided for task.	Supervision, monitoring and training.	3	4	12
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Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
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Review Date	30 th January 2023

Roll On/Roll Off Wagon Risk Assessment

ST Demolition & Groundworks Ltd					Site: Fieldhouse Ind. Est. Rochdale		Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied			
Legal competence of driver	Invalid insurance Road traffic incident	5	4	20	Operative Persons in working area General public Other road users	Operator must be competent and hold the relevant category licence for vehicle. Operators must be in possession of 35 hours of Driver CPC training and current Driver Qualification Card.	Supervision, training and monitoring Pre-employment checks 6 monthly driving licence checks	3	2	6	
Mechanical breakdown	Accident leading to injury	5	4	20	Operative Persons in working area General public Other road users	Servicing is undertaken on all vehicles in line with the manufacturer's recommendations. Driver's daily walk around vehicle inspection completed daily. Daily check of controls. Hired-in equipment will have documentation checked before acceptance.	Supervision and monitoring Transport manager to manage maintenance schedule. 12 monthly LOLER inspection of hook.	3	2	6	
Damage to services	Electrocution Explosion Burns Fatality	5	4	20	Operative	Before commencing any loading/unloading operation operators must check for overhead cables and obstructions. In addition, the ground area under proposed skip location is to be checked prior to locating wagon ready to tip/collect.	Supervision, training and monitoring Utility drawings to be checked on larger projects such as demolition works or building sites.	3	2	6	

Roll On/Roll Off Wagon Risk Assessment

Tipping of vehicle	Bodily harm Fatality Crush injuries	5	4	20	Operative Persons in working area General public	Wagon to be positioned on firm ground. Weight of load to be assessed before attempting to load onto vehicle. Pneumatic tyres checked for pressure before use. Lifting equipment to be checked daily.	Supervision, training and monitoring Pre-employment checks 6 monthly driving licence checks	3	2	6
Collision with others including site traffic	Bodily harm Fatality Crush injuries	5	4	20	Operative Persons in working area General public Other road users	Banksman to be used for significant movements The work area and traffic movements will be clearly defined. Warning signs to be adhered to at all times. Operator must be competent and hold the relevant category licence for vehicle.	Supervision, training and monitoring 6 monthly driving licence checks	3	2	6
Fuel spillage	Fire Explosion Burns Bodily harm Dermatitis and skin disorders Slips, trips and falls Bodily harm Lost time incident Fall from height	4	4	16	Operative Persons in working area General public	Spill kit available in vehicle. COSHH data sheet available. Any fuel on site will be securely stored in correct storage containers Adequate fire extinguishers available.	Supervision, training and monitoring Fire extinguishers serviced on an annual basis.	3	2	6

Roll On/Roll Off Wagon Risk Assessment

Operator falling from vehicle during sheeting and un-sheeting of skips	Lost time incident Cut & abrasions Loss of consciousness Bodily harm	4	4	16	Operative Persons in working area General public	Operator to use grab handles and steps, maintain 3 points of contact at all times. Vehicle fitted with non-slip steel plates around main hydraulic rams to help prevent slipping whilst gaining access to back of vehicle. Automatic sheet rollers fitted to vehicles to prevent operatives from having to access rear of vehicles. Operators instructed to use lock off at all times before gaining access to rear of vehicle. Correct footwear worn at all times. Steps and access ladders to be kept clean and free from oil or slippery residue.	Supervision, training and monitoring Spot checks by management Information from client prior to arrival regarding site details.	3	2	6
Falling debris while lifting a loaded skip.	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	4	4	16	Operative Persons in working area General public Other road users	Operator to ensure other personnel, visitors, public etc do not stand near load area while operation in progress. Operators to wear hard hat whilst loading & unloading skips to protect from falling debris. Automatic sheet rollers fitted to vehicles.	Supervision, training and monitoring Spot checks by management Information from client prior to arrival regarding site details	3	2	6
Damage to property and injury to pedestrians while reversing.	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	4	4	16	Operative Persons in working area General public Other road users	Operators to inspect area to be reversed into, paying attention to pedestrians, debris, walls and manhole covers etc. No tipping underneath overhead power cables. Operators to check there is sufficient space before un-loading wagon. Use of banksmen where available and practical.	Supervision, training and monitoring Spot checks by management Information from client prior to arrival regarding site details	3	2	6

Roll On/Roll Off Wagon Risk Assessment

Wagon rolling forward when legs in use.	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	5	3	15	Operative Persons in working area	Operators to ensure that rear wheels do not loose contact with the ground when using outrigger legs. Skip not to be unloaded on steep gradients or slopes.	Training Pre-employment checks 6 monthly driving licence checks	3	3	9
Lifting hook	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	4	4	16	Operative Persons in working area General public Other road users	Operators to inspect hook on a daily basis. Lifting equipment & ancillaries to be inspected on a regular basis and LOLER certificate issued. Skip mounting points to be checked before attaching lifting hook.	Supervision, training and monitoring Spot checks by management External provider to carry out LOLER inspections.	3	2	6
Skip condition	Crush injury Damage to property Insurance claims	3	3	9	Operative Persons in working area General public Other road users	Skips to be inspected by driver before taking out of yard for damage and suitability for task. Skips to be repaired by in-house welder/maintenance department where required to maintain integrity.	Supervision, planning, training and monitoring Spot checks by management	2	2	4

Roll On/Roll Off Wagon Risk Assessment

Locating skips	Damage to property Insurance claims	3	3	9	Operative Persons in working area General public Other road users	Permit applied for and issued by local council. Skip lights attached and in working order including battery life if being left out overnight. Ground conditions to be checked prior to unloading skips.	Supervision, planning, training and monitoring Spot checks by management Client to provide information relevant to permit and siting of skip	2	2	4
Struck by swinging door or falling debris whilst opening or closing	Lost time incident Bodily harm Musculoskeletal injuries Crush injuries Damage to property Insurance claims	5	4	20	Operative Persons in working area	Operative not to stand directly behind door when opening due to wind or loads falling out. Pedestrians to stand clear when lifting skip and opening door. Driver to check doors for damage before loading wagon. Operatives to wear hard hat when opening or closing skip door.	Supervision, training and monitoring	3	2	6
Physical abuse to operatives from general public or clients	Bodily harm Damage to company reputation	5	4	20	Operative Persons in working area	Drivers trained in safe procedures for dealing with abusive people. Deliveries not to take place and drivers to return to depot. If physical altercations take place then operatives to phone Police and Knot Normal management immediately.	Training Lone working policy in place.	3	3	9

Roll On/Roll Off Wagon Risk Assessment

Overloading vehicle	Vehicle tip over Prosecution for overloading Damage to property Insurance claims Damage to company reputation Lost time incident Bodily harm Fatality Crush injuries	5	4	20	Operative Persons in working area General public Other road users	Driver to manage vehicle and refuse to carry more than stated capacity. Operator must be competent and hold the relevant category licence for vehicle. Operators must be in possession of 35 hours of Driver CPC training and current Driver Qualification Card.	Supervision, training and monitoring Pre-employment checks 6 monthly driving licence checks	3	2	6
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Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
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Skip Wagon Risk Assessment

ST Demolition & Groundworks Ltd					Site: Fieldhouse Ind. Est. Rochdale		Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied			
Legal competence of driver	Invalid insurance Road traffic incident	5	4	20	Operative Persons in working area General public Other road users	Operator must be competent and hold the relevant category licence for vehicle. Operators must be in possession of 35 hours of Driver CPC training and current Driver Qualification Card.	Supervision, training and monitoring Pre-employment checks 6 monthly driving licence checks	3	2	6	
Mechanical breakdown	Accident leading to injury	5	4	20	Operative Persons in working area General public Other road users	Servicing is undertaken on all vehicles in line with the manufacturer's recommendations. Driver's daily walk around vehicle inspection completed daily. Daily check of controls. Hired-in equipment will have documentation checked before acceptance.	Supervision and monitoring Transport manager to manage maintenance schedule. 12 monthly LOLER inspection of hook.	3	2	6	
Damage to services	Electrocution Explosion Burns Fatality	5	4	20	Operative	Before commencing any loading/unloading operation operators must check for overhead cables and obstructions. In addition, the ground area under proposed skip location is to be checked prior to locating wagon ready to tip/collect.	Supervision, training and monitoring Utility drawings to be checked on larger projects such as demolition works or building sites.	3	2	6	

Skip Wagon Risk Assessment

Tipping of vehicle	Bodily harm Fatality Crush injuries	5	4	20	Operative Persons in working area General public	Wagon to be positioned on firm ground. Weight of load to be assessed before attempting to load onto vehicle. Pneumatic tyres checked for pressure before use. Lifting equipment to be checked daily.	Supervision, training and monitoring Pre-employment checks 6 monthly driving licence checks	3	2	6
Collision with others including site traffic	Bodily harm Fatality Crush injuries	5	4	20	Operative Persons in working area General public Other road users	Banksman to be used for significant movements The work area and traffic movements will be clearly defined. Warning signs to be adhered to at all times. Operator must be competent and hold the relevant category licence for vehicle.	Supervision, training and monitoring 6 monthly driving licence checks	3	2	6
Fuel spillage	Fire Explosion Burns Bodily harm Dermatitis and skin disorders Slips, trips and falls Bodily harm Lost time incident Fall from height	4	4	16	Operative Persons in working area General public	Spill kit available in vehicle. COSHH data sheet available. Any fuel on site will be securely stored in correct storage containers Adequate fire extinguishers available.	Supervision, training and monitoring Fire extinguishers serviced on an annual basis.	3	2	6

Skip Wagon Risk Assessment

Operator falling from vehicle during sheeting and un-sheeting of skips	Lost time incident Cut & abrasions Loss of consciousness Bodily harm	4	4	16	Operative Persons in working area General public	Operator to use grab handles and steps, maintain 3 points of contact at all times. Vehicle fitted with non-slip steel plates around main hydraulic rams to help prevent slipping whilst gaining access to back of vehicle. Automatic sheet rollers fitted to vehicles to prevent operatives from having to access rear of vehicles. Operators instructed to use lock off at all times before gaining access to rear of vehicle. Correct footwear worn at all times. Steps and access ladders to be kept clean and free from oil or slippery residue.	Supervision, training and monitoring Spot checks by management Information from client prior to arrival regarding site details.	3	2	6
Falling debris while lifting a loaded skip.	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	4	4	16	Operative Persons in working area General public Other road users	Operator to ensure other personnel, visitors, public etc due not stand near load area while operation in progress. Operators to wear hard hat whilst loading & unloading skips to protect from falling debris. Automatic sheet rollers fitted to vehicles.	Supervision, training and monitoring Spot checks by management Information from client prior to arrival regarding site details	3	2	6
Damage to property and injury to pedestrians while reversing.	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	4	4	16	Operative Persons in working area General public Other road users	Operators to inspect area to be reversed into, paying attention to pedestrians, debris, walls and manhole covers etc. No tipping underneath overhead power cables. Operators to check there is sufficient space before un-loading wagon. Use of banksmen where available and practical.	Supervision, training and monitoring Spot checks by management Information from client prior to arrival regarding site details	3	2	6

Skip Wagon Risk Assessment

Wagon rolling forward when legs in use.	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	5	3	15	Operative Persons in working area	Operators to ensure that rear wheels do not loose contact with the ground when using outrigger legs. Skip not to be unloaded on steep gradients or slopes.	Training Pre-employment checks 6 monthly driving licence checks	3	3	9
Lifting hook	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	4	4	16	Operative Persons in working area General public Other road users	Operators to inspect hook on a daily basis. Lifting equipment & ancillaries to be inspected on a regular basis and LOLER certificate issued. Skip mounting points to be checked before attaching lifting hook.	Supervision, training and monitoring Spot checks by management External provider to carry out LOLER inspections.	3	2	6
Lifting chains and shackles etc	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	5	5	25	Operative Persons in working area General public Other road users	Operators to inspect chains on a daily basis. Lifting equipment & ancillaries to be inspected on a regular basis and LOLER certificate issued. Skip mounting points to be checked before attaching lifting chains.	Supervision, training and monitoring Spot checks by management External provider to carry out LOLER inspections.	3	3	9

Skip Wagon Risk Assessment

Skip condition	Crush injury Damage to property Insurance claims	3	3	9	Operative Persons in working area General public Other road users	Skips to be inspected by driver before taking out of yard for damage and suitability for task. Skips to be repaired by in-house welder/maintenance department where required to maintain integrity.	Supervision, planning, training and monitoring Spot checks by management	2	2	4
Locating skips	Damage to property Insurance claims	3	3	9	Operative Persons in working area General public Other road users	Permit applied for and issued by local council. Skip lights attached and in working order including battery life if being left out overnight. Ground conditions to be checked prior to unloading skips.	Supervision, planning, training and monitoring Spot checks by management Client to provide information relevant to permit and siting of skip	2	2	4
Struck by swinging door or falling debris whilst opening or closing	Lost time incident Bodily harm Musculoskeletal injuries Crush injuries Damage to property Insurance claims	5	4	20	Operative Persons in working area	Operative not to stand directly behind door when opening due to wind or loads falling out. Pedestrians to stand clear when lifting skip and opening door. Driver to check doors for damage before loading wagon. Operatives to wear hard hat when opening or closing skip door.	Supervision, training and monitoring	3	2	6

Skip Wagon Risk Assessment

Physical abuse to operatives from general public or clients	Bodily harm Damage to company reputation	5	4	20	Operative Persons in working area	Drivers trained in safe procedures for dealing with abusive people. Deliveries not to take place and drivers to return to depot. If physical altercations take place then operatives to phone Police and Knot Normal management immediately.	Training Lone working policy in place.	3	3	9
Overloading vehicle	Vehicle tip over Prosecution for overloading Damage to property Insurance claims Damage to company reputation Lost time incident Bodily harm Fatality Crush injuries	5	4	20	Operative Persons in working area General public Other road users	Driver to manage vehicle and refuse to carry more than stated capacity. Operator must be competent and hold the relevant category licence for vehicle. Operators must be in possession of 35 hours of Driver CPC training and current Driver Qualification Card.	Supervision, training and monitoring Pre-employment checks 6 monthly driving licence checks	3	2	6

Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
Signature	<i>GLea</i>
Review Date	30 th January 2023

Tipper Wagon Risk Assessment

ST Demolition & Groundworks Ltd			Site: Fieldhouse Ind. Est. Rochdale			Date of Assessment: 3 rd August 2023					
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied			
Legal competence of driver	Invalid insurance Road traffic incident	5	4	20	Operative Persons in working area General public Other road users	Operator must be competent and hold the relevant category licence for vehicle. Operators must be in possession of 35 hours of Driver CPC training and current Driver Qualification Card.	Supervision, training and monitoring Pre-employment checks 6 monthly driving licence checks	3	2	6	
Mechanical breakdown	Accident leading to injury	5	4	20	Operative Persons in working area General public Other road users	Servicing is undertaken on all vehicles in line with the manufacturer's recommendations. Driver's daily walk around vehicle inspection completed daily. Daily check of controls. Hired-in equipment will have documentation checked before acceptance	Supervision and monitoring Transport manager to manage maintenance schedule.	3	2	6	
Damage to services	Electrocution Explosion Burns Fatality	5	4	20	Operative	Before commencing any loading/unloading operation operators must check for overhead cables and obstructions. In addition the ground area under proposed wagon location is to be checked prior to locating wagon ready to tip.	Supervision, training and monitoring Utility drawings to be checked on larger projects such as demolition works or building sites.	3	2	6	

Tipper Wagon Risk Assessment

Tipping of vehicle	Bodily harm Fatality Crush injuries	5	4	20	Operative Persons in working area General public	Wagon to be positioned on firm ground. Weight of load to be assessed before attempting to load onto vehicle. Pneumatic tyres checked for pressure before use. Lifting equipment to be checked daily.	Supervision, training and monitoring Pre-employment checks 6 monthly driving licence checks	3	2	6
Collision with others including site traffic	Bodily harm Fatality Crush injuries	5	4	20	Operative Persons in working area General public Other road users	Banksman to be used for significant movements The work area and traffic movements will be clearly defined. Warning signs to be adhered to at all times. Operator must be competent and hold the relevant category licence for vehicle.	Supervision, training and monitoring 6 monthly driving licence checks	3	2	6
Fuel spillage	Fire Explosion Burns Bodily harm Dermatitis and skin disorders Slips, trips and falls Bodily harm Lost time incident Fall from height	4	4	16	Operative Persons in working area General public	Spill kit available in vehicle. COSHH data sheet available. Any fuel on site will be securely stored in correct storage containers Adequate fire extinguishers available.	Supervision, training and monitoring Fire extinguishers serviced on an annual basis.	3	2	6

Tipper Wagon Risk Assessment

Operator falling from vehicle during access/egress.	Lost time incident Cut & abrasions Loss of consciousness Bodily harm	4	4	16	Operative Persons in working area General public	Operator to use grab handles and steps, maintain 3 points of contact at all times. Vehicle fitted with non-slip steel plates around main hydraulic rams to help prevent slipping whilst gaining access to back of vehicle. Operators instructed to use lock off at all times before gaining access to rear of vehicle. Correct footwear worn at all times. Steps and access ladders to be kept clean and free from oil or slippery residue.	Supervision, training and monitoring Spot checks by management Information from client prior to arrival regarding site details. Automatic sheet rollers fitted to vehicles to prevent operatives from having to access rear of vehicles.	3	2	6
Falling debris while lifting a loaded skip.	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	4	4	16	Operative Persons in working area General public Other road users	Operator to ensure other personnel, visitors, public etc do not stand near load area while operation in progress. Operators to wear hard hat whilst loading skips to protect from falling debris Automatic sheet rollers fitted to vehicles.	Supervision, training and monitoring Spot checks by management Information from client prior to arrival regarding site details	3	2	6
Damage to property and injury to pedestrians while reversing.	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	4	4	16	Operative Persons in working area General public Other road users	Operators to inspect area to be reversed into, paying attention to pedestrians, debris, walls and manhole covers etc. No tipping underneath overhead power cables. Operators to check there is sufficient space before un-loading wagon. Use of banksmen where available and practical.	Supervision, training and monitoring Spot checks by management Information from client prior to arrival regarding site details	3	2	6

Tipper Wagon Risk Assessment

Wagon rolling forward when legs in use.	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	5	3	15	Operative Persons in working area	Operators to ensure that rear wheels do not loose contact with the ground when using outrigger legs. Tipper not to be unloaded on steep gradients or slopes.	Training Pre-employment checks 6 monthly driving licence checks	3	3	9
Tipper bed	Lost time incident Bodily harm Fatality Crush injuries Damage to property Insurance claims	4	3	16	Operative Persons in working area	Operators to inspect tipper mechanism on a daily basis. Lifting equipment & ancillaries to be inspected on a regular basis and LOLER certificate issued.	Supervision, training and monitoring Spot checks by management External provider to carry out LOLER inspections.	3	3	9
Struck by swinging door or falling debris whilst opening or closing	Lost time incident Bodily harm Musculoskeletal injuries Crush injuries Damage to property Insurance claims	5	4	20	Operative Persons in working area	Operative not to stand directly behind door when opening due to wind or loads falling out. Pedestrians to stand clear when lifting tipper bed and opening door to tipper. Tipper driver to check doors for damage before loading tipper bed. Operatives to wear hard hat when opening or closing tipper door.	Supervision, training and monitoring	3	2	6

Tipper Wagon Risk Assessment

Physical abuse to operatives from general public or clients	Bodily harm Damage to company reputation	5	4	20	Operative Persons in working area	Drivers trained in safe procedures for dealing with abusive people. Deliveries not to take place and drivers to return to depot. If physical altercations take place then operatives to phone Police and Knot Normal management immediately.	Training Lone working policy in place.	3	3	9
Overloading vehicle	Vehicle tip over Prosecution for overloading Damage to property Insurance claims Damage to company reputation Lost time incident Bodily harm Fatality Crush injuries	5	4	20	Operative Persons in working area General public Other road users	Tipper driver to manage vehicle and refuse to carry more than stated capacity. Operator must be competent and hold the relevant category licence for vehicle. Operators must be in possession of 35 hours of Driver CPC training and current Driver Qualification Card.	Supervision, training and monitoring Pre-employment checks 6 monthly driving licence checks	3	2	6

Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
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Review Date	30 th January 2023

Use of Excavator Risk Assessment

ST Demolition & Groundworks Ltd			Site: Fieldhouse Ind. Est. Rochdale			Date of Assessment: 3 rd August 2023					
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied			
Machinery movements around site and surrounding area	There is a clear risk of being run over. Vehicles do need to reverse at times, which increases the risk. The presence of non-employees on site increases the risk as they are less safety aware. Raised buckets have the potential to block the visibility of the operator. If the surface is uneven the excavator could be unstable, affecting the control of the vehicle. Vehicles will be operated in various weather conditions, which can affect the performance and control. Driver visibility can be limited due to the height of the cab and stockpiles of materials- be aware of the large blind spots Sites can be large and open, however, direct site lines may be obscured as a result of stockpiles from which pedestrians or other vehicles might appear. Slewing can occur when the machine is being operated.	4	5	20	Operatives Site Staff Site Visitors	Footpath and signage in place to ensure public do not come into contact with vehicles. Take particular care at any designated pedestrian cross points. Stop and look before proceeding. Management site inspections to ensure controls are in place and being used. Lower the arm so attachments (grab etc) are on the ground and turn off the machine before leaving the vehicle. Never leave the vehicle unattended with keys in the ignition. Be aware of your load capacity and do not exceed it. Also be aware of the capacity of any vehicle being loaded- discuss this with the driver if necessary. Ensure you load as evenly as possible to ensure stability of the other vehicle. Transport routes should be maintained where possible to ensure that they provide a suitable, stable operating surface. Use seat belts where ROPS are fitted. Do not become distracted, such as by using a mobile phone whilst operating the vehicle. Follow the manufacturers operating instructions. Ensure that suitable warning devices, such as flashing beacons and reversing alarms, if fitted, are effectively used and maintained in good working order. In addition Site rules and visitor controls/inductions Competence checks and formal authorisation to operate	Periodic refresher training.	2	4	8	

Use of Excavator Risk Assessment

						Formalisation of management checks Review of TBTs and SSOWs, with programme of issue over 6 month period Management review and safety meetings to be formalised Formalising plant defect checks General, enduring lift plan to be introduced Access to the site to be restricted and non-employees who are not directly involved in a work activity are to be accompanied at all times. Speed limits will be restricted. Operations on site will be supervised and controls will be strictly enforced. PPE will be required outside the vehicle in operational areas of the site. Management site inspections to ensure controls are in place and being used. No use of mobile phone				
Carrying of materials using attachments	The primary issues are the instability of the load, the impact that a raised load can have on the stability of the vehicle and also the obstruction of vision. The main outcome could be a fatal accident with someone being run over. Unsafe operation of the mobile plant could, in extreme circumstances, also lead to it being turned over, which could injure/kill the operator, or others in the area. The surface of the site can be unstable (weather conditions, large items of waste etc). This can affect the control of the vehicle. The vehicle may be operated in various weather conditions,	5	5	25	Operatives Site Staff Site Visitors	Daily, pre-use defect checks will be undertaken to ensure that the mobile plant is safe to use. LOLER checks will be undertaken to ensure that lifting equipment operates safely. Lower the bucket and turn off the machine before leaving the vehicle. -Never leave the vehicle unattended with keys in the ignition. Be aware of load capacity and do not exceed it. Also be aware of the capacity of any vehicle being loaded- discuss this with the driver if necessary. Ensure you load as evenly as possible to ensure stability of the other vehicle. Do not move the bucket, whether loaded, or unloaded, over site operatives or vehicle cabs. Ensure that suitable warning devices, such as flashing beacons and reversing alarms, if fitted, are effectively used and maintained in good working order. Also see Additional Measures above		3	3	9

Use of Excavator Risk Assessment

	which can affect the performance and control. The site is large and open, however, direct site lines may be obscured as a result of material stockpiles from which pedestrians or other vehicles might appear.									
Ground conditions	The primary issue is the potential instability of the ground surface. This can arise from weather conditions and moving over material on the ground. The surface at the composting site is level and in good condition, but where the excavator is used off site the ground conditions may be less stable for movement over slopes and surfaces. The main outcome could be a fatal accident, which could arise from: • people/plant being hit by materials being moved; • overturning plant affecting the operator, or others in the vicinity There have been no instances or near misses reported on site to date, but such incidents are not uncommon within the sector.	4	5	20	Operative Site staff	Footpath and signage in place to ensure public are kept off operational site. Be aware of load capacity and do not exceed it. Be aware of the capacity of any vehicle being loaded- discuss this with the driver if necessary. Ensure you load as evenly as possible to ensure stability of the other vehicle. Transport routes should be maintained where possible to ensure that they provide a suitable, stable operating surface. Exposed embankments and slopes which are part of the transport routes on third party sites should be subject to separate risk assessment. Avoid turning on slopes- if this is unavoidable, turn uphill NOT downhill. Load on level ground with the parking brake applied. Use seat belts where ROPS are fitted. Also see Additional Measures above	Periodic refresher training	2	3	6

Use of Excavator Risk Assessment

Maintenance of Excavator	Issues can arise from working under/ within mobile plant that has broken in order to make running repairs, or to clear blockages/ obstructions- items starting to move/operate whilst the person is undertaking the work can lead to injury. Vehicles can also be in danger of collision if they are within an active area. Maintenance related accidents are not uncommon, with examples of people having trapped limbs/bodies inside machinery, or being trapped underneath machinery. There have been no instances or near misses reported on site to date, but such incidents are not uncommon within the sector.	4	4	16	Operative Mechanics	Daily, pre-use defect checks will be undertaken to ensure that the mobile plant is safe to use. This is to include checks of steps/access points. Where possible vehicles will be moved to non-active areas to enable any repairs/maintenance to take place. LOLER checks will be undertaken to ensure that lifting equipment operates safely. Lower the bucket and turn off the machine before leaving the vehicle. Never leave the vehicle unattended with keys in the ignition.		2	3	6
Falls from Height	Falls from entering and exiting vehicles are not uncommon, particularly when this includes inappropriate exiting from cabs by jumping down. Risks can be increased in certain weather conditions when soles of boots can be wet and slippery. Although there have been no such accidents reported on site to date, such incidents are not uncommon within the sector.	3	4	16	Operative Mechanics	Do not jump off/out of the vehicle cab Use correct access steps Be aware of slippery feet (muddy conditions, wet conditions, icy conditions etc) Use 3-points of contact when using steps and gaining access Do not grab onto unsecured/moveable items Do not grab onto, or touch hot body parts (exhausts, engine covers etc) Turn off engine and remove keys when leaving the cab, securing brake	Monitoring of operatives. Periodic refresher training. Safety footwear to be anti-slip.	2	3	6

Use of Excavator Risk Assessment

Quick hitch bucket system	Issues with Quick Hitch systems are well documented and are not uncommon. Risks can be increased the more times the system is used and although there have been no such accidents reported on site to date, such incidents are not uncommon within the sector and a HSE alert notice has been issued.	4	5	20	Operative Site Staff Person in working area	General awareness training. Follow TBT instructions. Ensure drop zone area maintained underneath dipper arm operational area.	Regular servicing of attachment including greasing. Periodic refresher training.	3	3	9
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Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
Signature	<i>GLea</i>
Review Date	30 th January 2023

Use of Generator Risk Assessment

ST Demolition & Groundworks Ltd					Site: Fieldhouse Ind. Est. Rochdale			Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied				
Fuel igniting	Explosion Bodily Harm Fatality Lost time incident Burns Eye injury	5	5	25	Operative Site visitors and site staff Contractors	Petrol/Diesel will be stored in separate containers and away from sources of ignition. No smoking around fuel stores or re-fuelling areas.	Fuel stores will be kept to a minimum. Containers will be marked with the appropriate fuel type.	3	3	9		
Scalds and Burns from generator	Burns Lost time incident Bodily harm	4	4	16	Operative Site visitors and site staff Contractors	Generators to have safety guards fitted as per manufacturer guidelines. Positioned not to cause obstruction or hazard to pedestrians.	Generators to be serviced and maintained.	2	4	8		
Emissions	Fatality Occupational asthma Breathing difficulties CO2 poisoning	3	3	9	Operative Site visitors and site staff Contractors	Generators to be used in well ventilated areas only. Adequate PPE to be issued to operatives. CO2 monitors to be used if deemed necessary by specific site risk assessment. Generators are not to be covered by anything at any time.	Supervision and monitoring. Generators to be serviced and maintained.	2	4	4		

Use of Generator Risk Assessment

Manual handling of generators and fuels	Musculoskeletal injuries Upper limb disorders Bodily harm Lost time incident Back injury	3	4	12	Operative Site visitors and site staff Contractors	Operatives to be trained in safe manual handling techniques. 2 person lifting to be applied for generators. Site positioning assessment for generators.	Supervision and monitoring. Periodic manual handling refresher training for operatives	2	3	6
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Risk Assessment Carried Out By	Gareth Lea
Date	3 rd August 2023
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Review Date	30 th January 2023

Working with Concrete & Cement Materials

ST Demolition & Groundworks Ltd			Site: Fieldhouse Ind. Est. Rochdale			Date of Assessment: 3 rd August 2023				
Hazards	Harm	Risk prior to control measures			Persons at risk	Required control measures	Records/Actions	Risk control measures applied		
Dust	Eye injury Occupational asthma Damage to machinery or property	4	5	20	Operative Site visitors Persons in working area	Water suppression to be used when cutting concrete materials, no dry cutting permitted. Eye wash solution available in first aid kit. Hand wash facilities made available. Restricted access to work area. If required working area to be battened out and visqueen screen erected.	Planning, training & supervision. Site dust level monitoring.	2	3	6
Manual Handling of Materials	Musculoskeletal disorders Back pain Crush injury Cuts & abrasions Burns	4	5	20	Operative Persons in working area	Operatives have had manual handling training and is refreshed on a periodic basis Use of mechanical handling aid where practical. Work rotation and adequate rest breaks.	Periodic refresher training. Supervision & training. Maintenance of lifting aids.	2	3	6
Dermatitis	Skin disorders Cuts & abrasions Burns	3	4	12	Operative	Appropriate PPE for task provided and worn by operatives during works. Occupational health checks carried out by management on operatives and self-checks are encouraged. Hand wash facilities made available.	6 monthly skin checks Supervision & monitoring. Welfare facilities monitored.	2	2	4

Working with Concrete & Cement Materials

Hand arm vibration	Vibration white finger Upper limb disorders HAVS Loss of grip	4	4	16	Operative	Wherever possible use low-vibration tools and when hiring specify this to hire company. Rotate labour using tools. Carry out vibration assessments before use. Encourage good blood circulation by keeping warm and dry.	Adequate stock of PPE. Annual hand-arm vibration assessments. Supervision, monitoring & training. Periodic refresher training.	3	3	9
Noise levels	Tinnitus Noise induced hearing loss Industrial deafness Temporary loss of hearing Bleeding of the ears	4	5	20	Operative Site visitors Person in working area	Appropriate hearing protection to be worn whilst operating equipment. Noise assessments to be carried out for the task at hand. Noise assessments to be carried out on the equipment to be used. Exclusion zones to be erected and hearing protection provided for persons within working area.	Adequate stock of PPE. Periodic refresher training. Maintenance of equipment. Maintenance of signage.	2	4	8
Fuel / Fire	Burns Explosion Damage to equipment Damage to property	4	5	20	Operative Persons on site Pedestrians & building in close proximity Emergency services	Allow machinery to cool down before refuelling. Fuel to be stored in appropriate containers, clearly identified and away from potential ignition sources. Re-fuel in well ventilated areas	Supervision & monitoring. Periodic refresher training. Safe & clear access routes for emergency services. Annual servicing of fire extinguishers.	2	3	6

Working with Concrete & Cement Materials

Fuel fumes	Loss of consciousness Fatality Breathing difficulties Occupational asthma	3	4	12	Operative Site visitors Person in working area	Ensure adequate ventilation in refuelling areas. Do not use in an enclosed space. Clear up any spillages immediately	Adequate stock of PPE. Supervision & monitoring. Periodic refresher training. Maintenance of ventilation systems.	3	2	6
Cement burns	Burns Dermatitis Skin disorders Loss of sight Skin infection Poisoning	5	5	25	Operative Persons in working area Site visitors	Appropriate PPE to be provided and worn. Washing facilities made available. MSDS sheets made available from the manufacturer and on site at all times.	Supervision & monitoring. Periodic refresher training. Adequate stock of PPE.	3	3	9
Operation of plant equipment such as crushers etc	Falls from height Crush injury Collision with property Collision with vehicles	5	5	25	Operative Persons in working area Site visitors	Appropriate PPE to be provided and worn. Operatives to be trained in the safe use of equipment. Daily checks to be carried out before use.	Supervision & monitoring. Periodic refresher training. Adequate stock of PPE.	3	3	9

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