

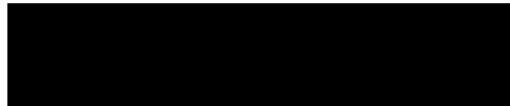
Deyes High School

GTB DEMOLITION Co. Ltd

DISMANTLING & SITE CLEARANCE

25 COTTON STREET

LIVERPOOL, L3 7DY



web: www.gtbdemolitionltd.co.uk

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2. GTB Demolition Co. Ltd Risk Assessment & Method Statement

| JOB DETAILS AND PERSONNEL INVOLVED | | | |
|-----------------------------------------------|-----------------------------|-----------------------|------------|
| Client | Kier | | |
| Project | Deyes High School | | |
| Produced By | Steven Treble | | |
| Description of Works | Demolition of School | | |
| Revision No: | 001 | Date: | 15/04/2024 |
| Location of Project | Deyes Ln, Liverpool L31 6DE | | |
| Date of Commencement of Activity | Start Date: TBC | Time 07:30 | |
| | Finish Date: TBC | Time 16:30 | |
| Personnel Involved | Name | Role | |
| | Anthony Sudbury | Demolition Operative | |
| | Todd Chadwick | Demolition Labourer | |
| | John McCormack | Demo/Plant Operative | |
| | Lee Treble | Demo/Plant Operative | |
| | George Treble | Plant Operative | |
| On-Site Supervisor Contact No. 07496292823 | Steven Treble | SMSTS/ Demo Operative | |
| Contracts Manager Contact No. 07966375503. | Brian Treble | Demolition Supervisor | |
| | | | |

SEQUENCE OF EVENTS & METHOD STATEMENT

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| SEQUENCE OF EVENTS | <p>Attend Kier site induction. Deliver skips & plant Tree & Shrub removal</p> <p>Phase 2a</p> <p>Soft Strip Lydiate (a) Demolish Lydiate (a)/Soft-Strip Molyneux Salvage bricks Crush Lydiate (a) and grub up slab/footings. Demolish Molyneux/Soft Strip Sefton Science Crush Molyneux hardcore. Demolish Sefton Science/Soft Strip Back Sefton Crush Sefton Science hardcore. Demolish Back Sefton/Soft Strip Allen Crush Back Sefton hardcore. Demolish Boiler House Crush Boiler house and grub up slab footings. Grub up playground hardstanding and crush. Grub up slab/footings of Back Sefton and Molyneux and crush. Demolish Allen Crush Allen hardcore. Grub up footings and slab from Sefton Science and Allen and crush.</p> <p>Phase 2b</p> <p>Soft Strip Lydiate (b) Demolish Lydiate (b)/Soft-Strip Maths Crush Lydiate (b) and grub up slab/footings. Demolish Maths/Soft Strip Sports Hall/Gym Crush Maths hardcore. Demolish Sports Hall /Soft Strip Music Crush Sports Hall hardcore and grub up footings/slab. Demolish Music/Soft Strip Stem Grub up Maths footings/slab and crush hardcore. Demolish Garages Demolish Stem and Sub station Crush hardcore Grub up Stem & sub station slab and footings Crush remaining hardcore. Grub up footings and slab from Sefton Science and Allen and crush.</p> |
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4. GTB Demolition Co. Ltd Risk Assessment & Method Statement

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| <p>METHOD OF WORKS</p> | <p>All service disconnections will be arranged by Kier. Certification/confirmation of service disconnections to be issued to GTB supervisor. Any live services clearly identified prior to work beginning. Site hoarding put in place by Kier. No noisy works prior to 8am because of close proximity of neighbouring residents. Access to site of Deyes Lane. All deliveries to be restricted to before 8:00am or between the hours of 9:15am – 14:45pm Any permits are to be issued prior to work beginning each day. Tool & Plant inspections carried out prior to the shift beginning.</p> <p><u>TREE & SHRUBERY REMOVAL</u></p> <p>Ecological supervision in place during tree/shrub removal Trees to be taken down working from the top down, removing all branches before the trunk is removed working from the top down. Draw down of the existing pond to be completed outside of the amphibian breeding season (between July and February inclusive). Existing vegetation/shrubs in the science pond area to be gradually cut and removed to encourage any amphibians to move away from the areas. The working area near to the pond, together with any storage areas, will be kept clear of debris, and any stored materials will be kept off the ground on pallets so as to prevent amphibians from seeking shelter or protection within the Any open excavations in the vicinity of the pond (e.g., foundations / footings / service trenches etc) will be covered with plywood sheeting (or similar) at the end of each working day.</p> <p><u>SOFT-STRIP WORKS</u></p> <p>Soft stripping to be done by operatives using hand-held tools and battery powered tools. Ceilings to be removed by operatives, working from aluminium podiums, the ceiling grid tiles will be removed by hand and the hangers will be cut using wire cutters as high as possible. The plasterboard will be pulled down using hand-held tools and any metalwork will be cut or drilled out. Floor coverings to be lifted using mutt scrapers. All lighting to be unplugged and cut down from the grid for removal from site. Only CCDO demolition operatives and above to cut redundant cables whilst working around live services. Any insulation within the ceiling space will be removed. Any fixtures and fittings will be removed using drills and handheld tools to remove from walls/floors/ceilings. Partition walls will be removed by stripping the plasterboard and then dismantling the framework, working from the top down. Redundant mechanical and electrical installations are to be removed by operatives using a reciprocating saw. Only CCDO demolition operatives and above to cut redundant M&E.</p> <p><u>MECHANICAL DEMOLITION</u></p> <p>Working from the top down and progressively across each building, the buildings will be demolished down to the slab.</p> |
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5. GTB Demolition Co. Ltd Risk Assessment & Method Statement

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| | <p>A 22-ton excavator, fitted with selector grabs will demolish each building by lifting of the roof to begin and progressively demolishing the walls of the 1st floor area until the buildings have been reduced to a single storey. The waste will be segregated as the building is demolished and loaded into skips. The building will be continually wetted down using a jet spray during the demolition works. Each building will be demolished in a similar fashion. The 22 -ton excavator fitted with breaker will break up the slab which will then be grubbed up and stockpiled for crushing. The footings will then be grubbed up and broken up for crushing. Crushing will be undertaken as per crusher quality protocol.</p> |
| <p>GENERAL RISK CONTROLS</p> | <p><u>GENERAL</u> Risk assessments and method statements must be communicated, understood and followed at all times. If this is not possible work must be stopped and any changes should be reported to your supervisor. Appropriate personal protective equipment (PPE) should be worn at all times, in line with risk assessments, on site – e.g. glasses, gloves, hard hat, steel toe boots, high vis, FFP3 are mandatory at all times Debris/arising's from demolition works must be cleared at regular intervals to minimise slips, trips and falls. All plant and equipment must be suitably tested and fit for the task in accordance with legislation. Banksmen shall be used when plant and machinery are in operation, especially when reversing or performing demolition works. Fit for work certificates needed for all operatives All operatives to have a valid CCDO card. All operatives to be trained in manual handling techniques. All operatives to be trained to work at height All operatives to be face fit tested Vibration exposure limits to be monitored during the use of all vibrating tools Daily task briefings every day by supervisor/manager All operatives to abide by permit requirements outlined in induction.</p> <p><u>EXPOSURE TO HAZARDOUS MATERIALS</u> Asbestos Demolition Refurbishment survey to be made available to all site operatives prior to works commencing All operatives to be asbestos awareness trained Hazardous materials identified & marked prior to soft-strip beginning Were hazardous materials are left in place during demolition works they must be clearly identified</p> <p><u>FALLING DEBRIS</u> All persons in the vicinity of demolition works must be made aware of potential hazards Warning signs and barriers preventing unauthorised persons from entering demolition work areas must be in place. Banksman in place during all demolition works and reversing of vehicles</p> |

6. GTB Demolition Co. Ltd Risk Assessment & Method Statement

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| <p>INFORMATION, INSTRUCTION AND TRAINING</p> | <p>Site induction to outline all emergency procedures for operatives including fire emergency plans, traffic management plans and emergency contact details including first aiders All persons in the vicinity must be made aware of potential hazards Daily Site briefings to be undertaken by Demolition manager or supervisor Persons who could be affected to be informed of emergency arrangements. Daily safety checks to be done by on site supervisor and weekly safety checks of workplace to be undertaken by Demolition Manager All personnel must be trained to a level of competence sufficient to enable them to carry out their work whilst ensuring the health and safety of themselves and others. Demolition workers must hold competence in demolition work (CCDO) If any contamination material is presumed to be present work is to cease and supervisors/site manager are to be notified immediately. Notification may need to be made to the local authority in relation to noise, special waste, crushing activities and sealing of drains and sewers. Persons monitoring on behalf of the principal contractor must be competent, experienced in demolition and trained to a standard which allows them to recognise acceptable and unacceptable practices.</p> |
| <p>INSPECTION & SUPERVISION</p> | <p>Supervisors to carry out regular workplace inspections. Principal contractor & supervisors to monitor adherence to method statement. Formal review of RAMS must be carried out by the principal contractor prior to work commencing RAMS must be under constant review as the work progresses. Supervisors/site managers will ensure that control measures are effective and must take account of any changes in circumstances that may have occurred</p> |
| <p>ENVIRONMENTAL CONTROLS</p> | <p>Every effort will be made to keep to a minimum the levels of noise and dust made from operations. Waste levels will be kept to a minimum to ensure they do not cause hazards or become a nuisance to others. Work area kept tidy and waste removed at regular intervals. Environmental Aspects Register for Demolition</p> |

7. GTB Demolition Co. Ltd Risk Assessment & Method Statement




| Required Personal Protective Equipment | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |  |  |  |  |
| Safety Boots (BS EN 20345:2011) | Hard Hats (BS EN 397:2012) | Safety Gloves (BS EN 388:2003) | Hearing Protection (BS EN 352:2002) | Respiratory Protection (BS EN 149:2001) | Eye Protection (BS EN 166:2001) |
| Respiratory equipment used were necessary to protect operatives from dust, vapour, fumes or gas. Eye protection to be worn at all times. | | | | | |
| <u>Other Items:</u> 1. High Visibility Vests | | | | | |
|  C.O.S.H.H IDENTIFIED | | | | | |
|  FIRST AID FACILITIES | | Name of on Site First Aider | | STEVEN TREBLE & LEE TREBLE | |
| | | First Aid Box Location | | SITE OFFICE | |
| | | Nearest A&E Hospital Location | | Manchester Royal Infirmary | |

Environmental Aspects Significance Assessment

| Environmental Aspect – Demolition Site | F. S | Q | F | E. I. | Total | Comments | Relevant Leg. |
|-------------------------------------------------|------|---|---|-------|-------|------------------------------------------------------------------|---------------|
| Statutory Nuisance (dust) | 1 | 1 | 2 | 1 | 5 | All materials lowered to ground level from height. | 8.2 |
| Water usage (dust suppression) | 1 | 1 | 1 | 1 | 4 | None used | 3.1 3.2 |
| Contaminated Land (dust & demolished materials) | 1 | 1 | 1 | 1 | 4 | Indoors work | 2.1 2.4 |
| Dust emissions - soft stripping | 1 | 1 | 1 | 1 | 4 | No dropping materials | 1.4 |
| Noise from Demolition | 1 | 1 | 2 | 1 | 5 | Working hours limit disturbance & communication with neighbours. | 8.2 |
| General Waste | 1 | 1 | 2 | 1 | 5 | Licensed general waste carriers recycled by approved waste sites | 2.1 |
| Dust emissions from Demo | 1 | 2 | 1 | 1 | 5 | Dust suppression used | 2.1 & 8.2 |
| Visual appearance | 1 | 1 | 1 | 1 | 4 | Hoarding in place to reduce | 8.1 |
| Hoarding (noise & nuisance) | 1 | 1 | 1 | 1 | 4 | Erected prior to work demolition works commencing | 8.2 |
| Mud/Dirt on roads | 1 | 1 | 1 | 1 | 4 | None due to nature of the works – no ground works | 2.1 |
| Noise from tools | 1 | 1 | 1 | 1 | 4 | Working hours limit disturbance | 8.2 |
| Fuel usage | 1 | 1 | 1 | 1 | 4 | No Wagon or Heavy Plant in use | |

KEY

F.S. = financial Significance Q = Quantity F = Frequency E.I. = Environmental Impact

 = Low Risk 0-5  = Medium Risk 7-9  = High Risk 10-12

Financial Significance

1. Little/No cost 2 Acceptable cost (potential savings) 3. Major financial costs (EA fines apply)

Quantity (Used/Handled/Stored/Disposed)

1. Small Quantities 2. Medium Quantities 3. High Quantities

Frequency

1. Low 2. Medium 3. High

Environmental Impact

1. No real effect 2. Minor effect 3. Potentially significant effect

Significance

Significance is measured by giving a score out of three using the above criteria to assess each Environmental Aspect. The higher the total the more significant the Environmental Aspect is. Aspects with scores of 10 and over are considered as being highly significant.

Statement of Contractors Responsibility

This method statement is provided to cover only the works indicated and can only be considered as validated when all personnel involved in the working activity have received a tool-box talk with a signature obtained.

The contractor shall be responsible and shall ensure that adequate supervision is applied to the work detailed within this method statement and shall ensure full and effective compliance.

If there is any change in scope of the works or of any other impinging activity that may create risk work will cease and appropriate amendments will be made of this method statement.

This statement confirms responsibility and commitment to this method statement and signature of validation below confirms this.

| | |
|---------------------|-----------------------------|
| Print Name | Brian Treble |
| Position in Company | M.D. |
| Sign | Btreble |
| Date | 15 th April 2024 |

| Distribution Record | |
|----------------------------------------------------------------|--|
| Note: Distribution will occur prior to any activity commencing | |
| Initial box to confirm distribution | |
| Site Manager | |
| Contracts Project Manager | |
| HSE / Safety Advisor | |
| | |

REVIEW PROCEDURE

| REVIEW DATE | REVIEWED BY | ADDENDUMS MADE |
|-------------|-------------|----------------|
| | | |
| | | |

Distribution Confirmation

| SITE OPERATIVE FULL NAME | SITE OPERATIVE SIGNATURE | DATE |
|--------------------------|--------------------------|------|
| | | |