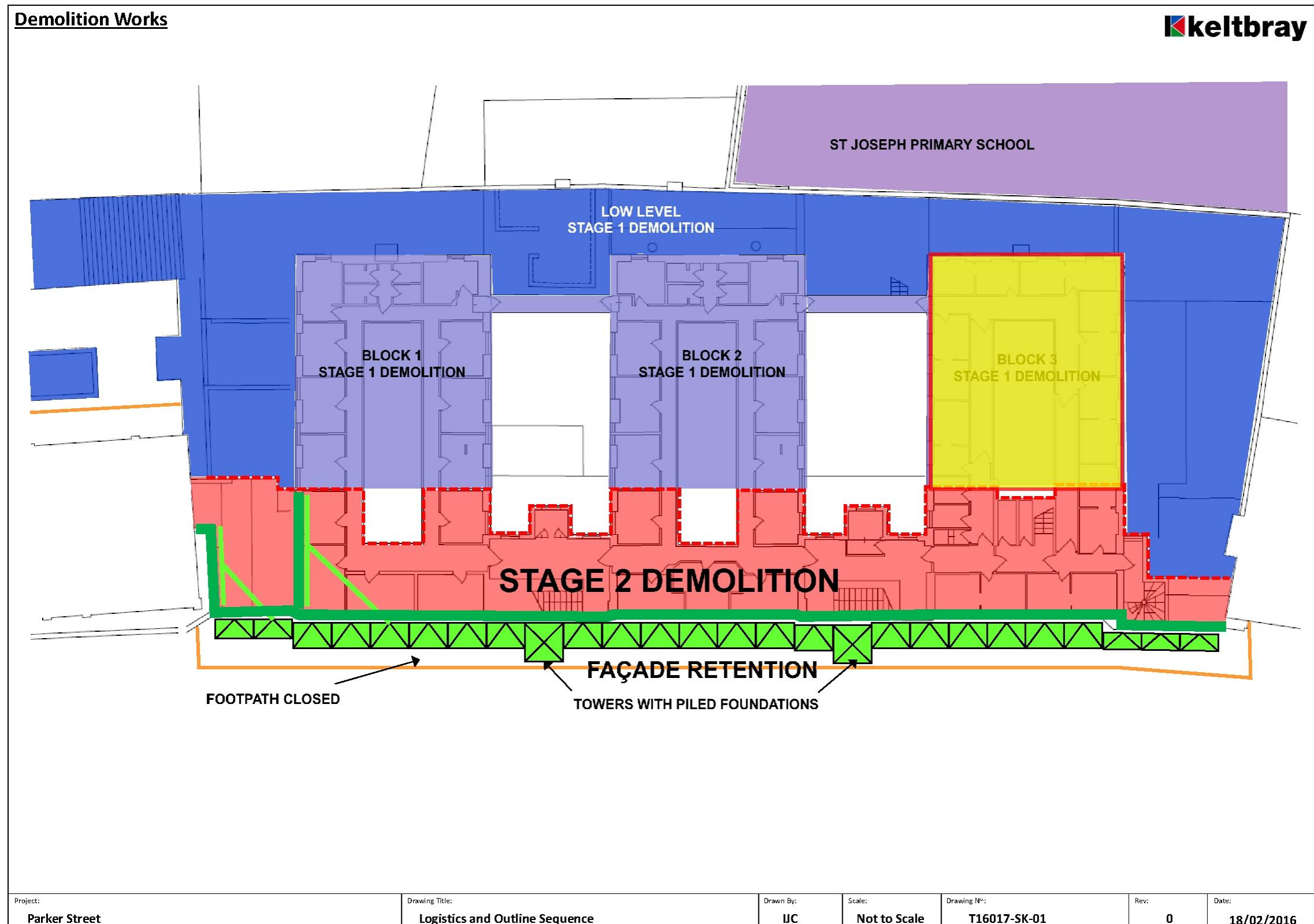
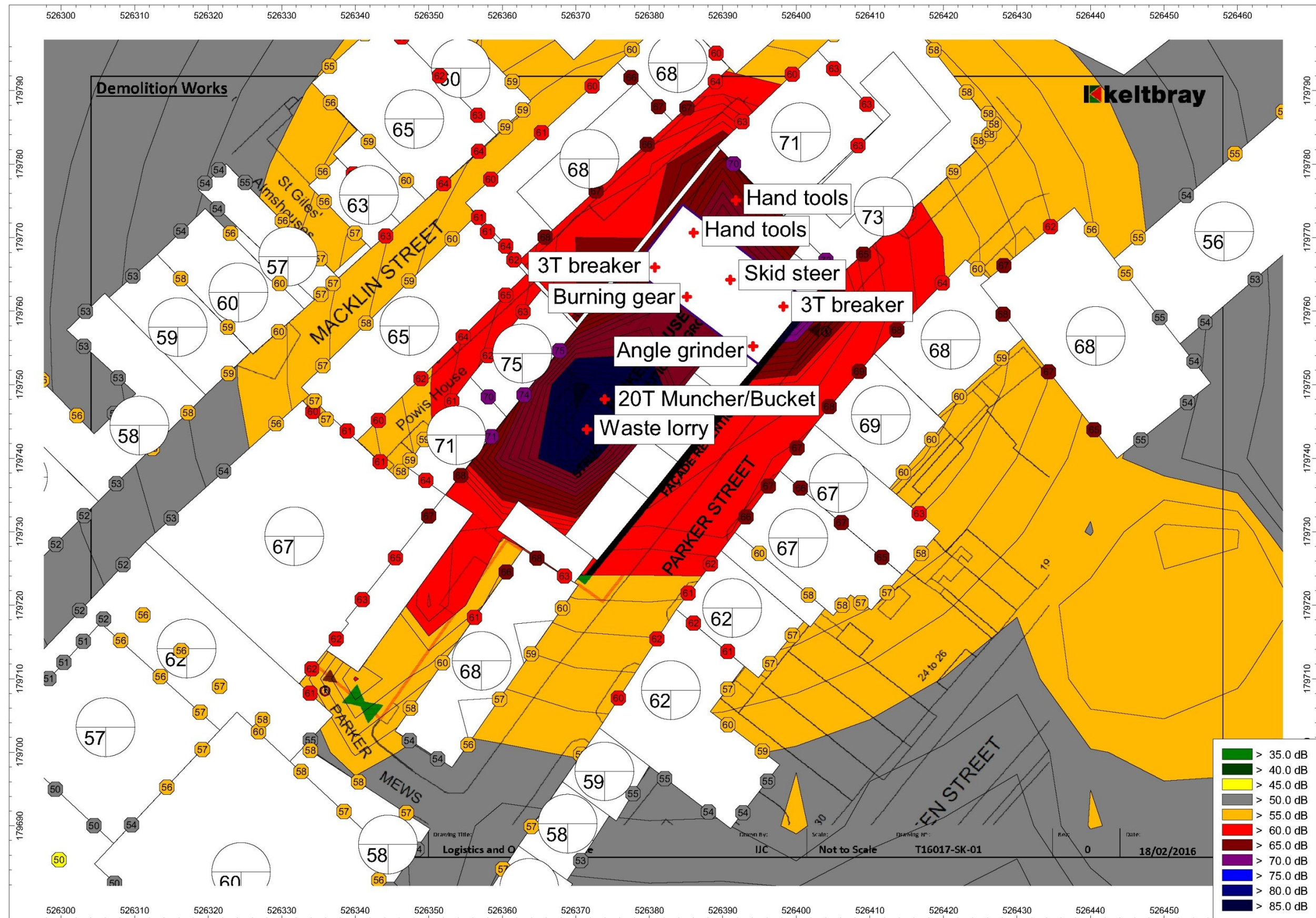
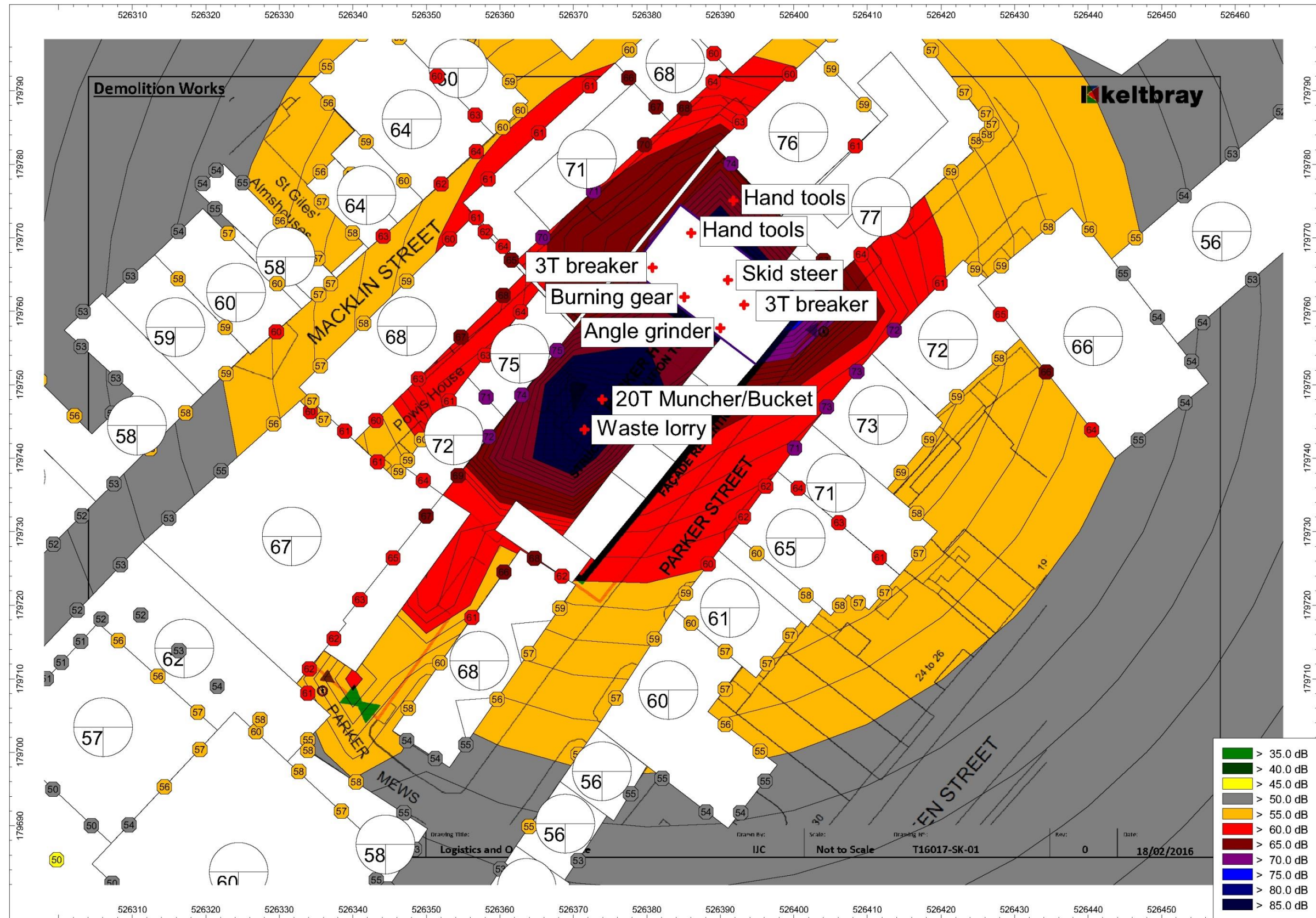


Stage 1 – Block 3 – Roof level demolition (See highlighted in yellow)

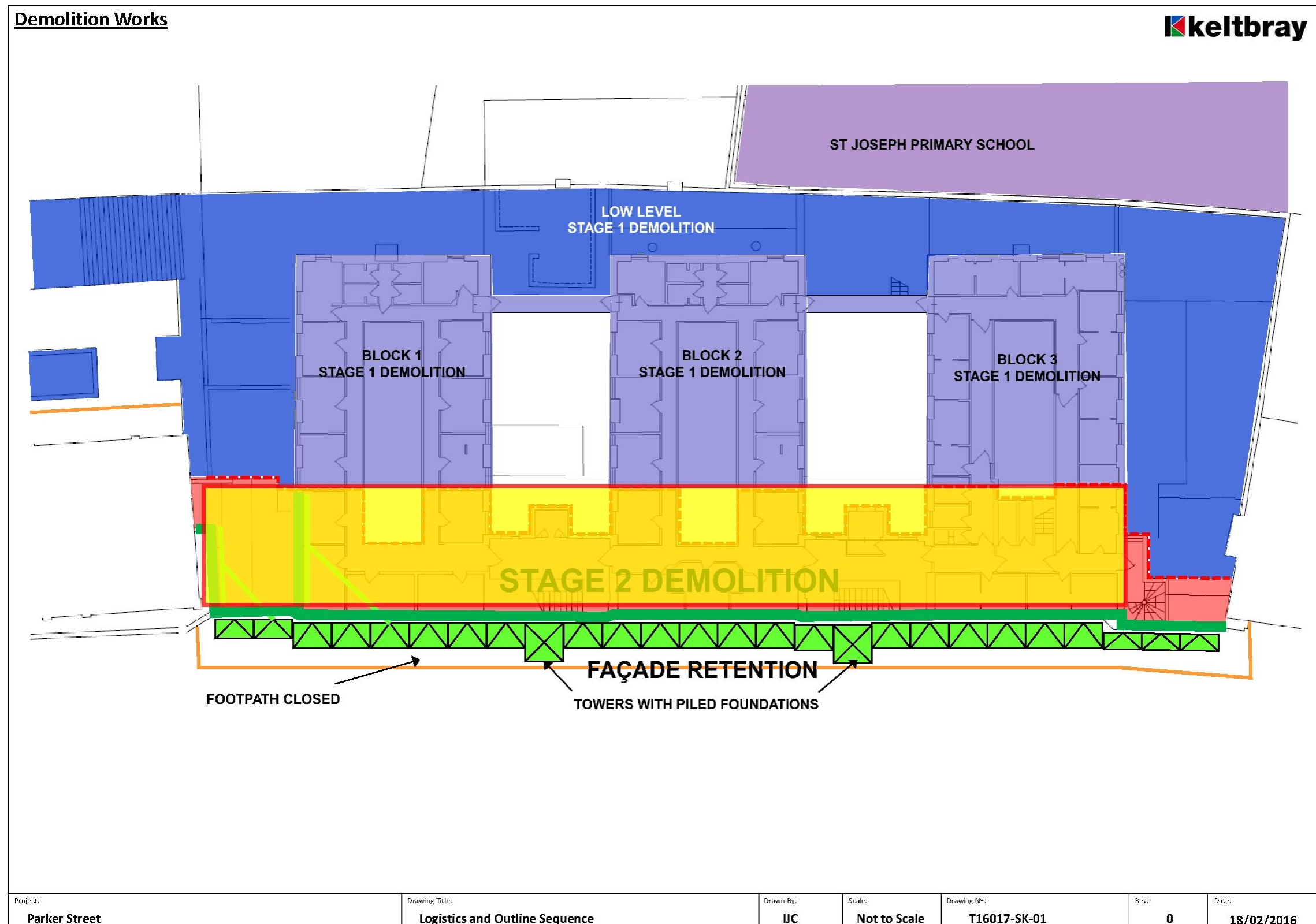


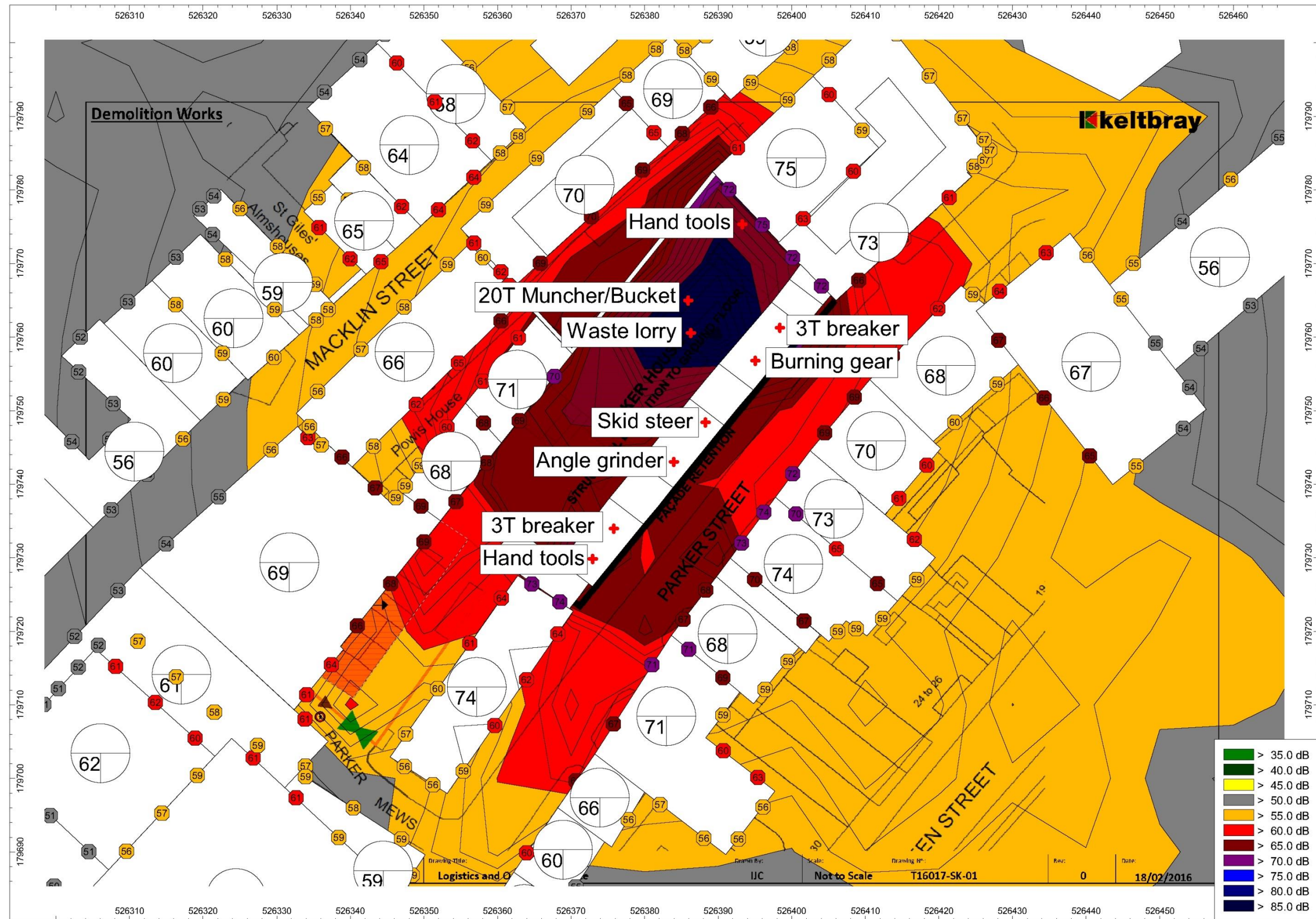


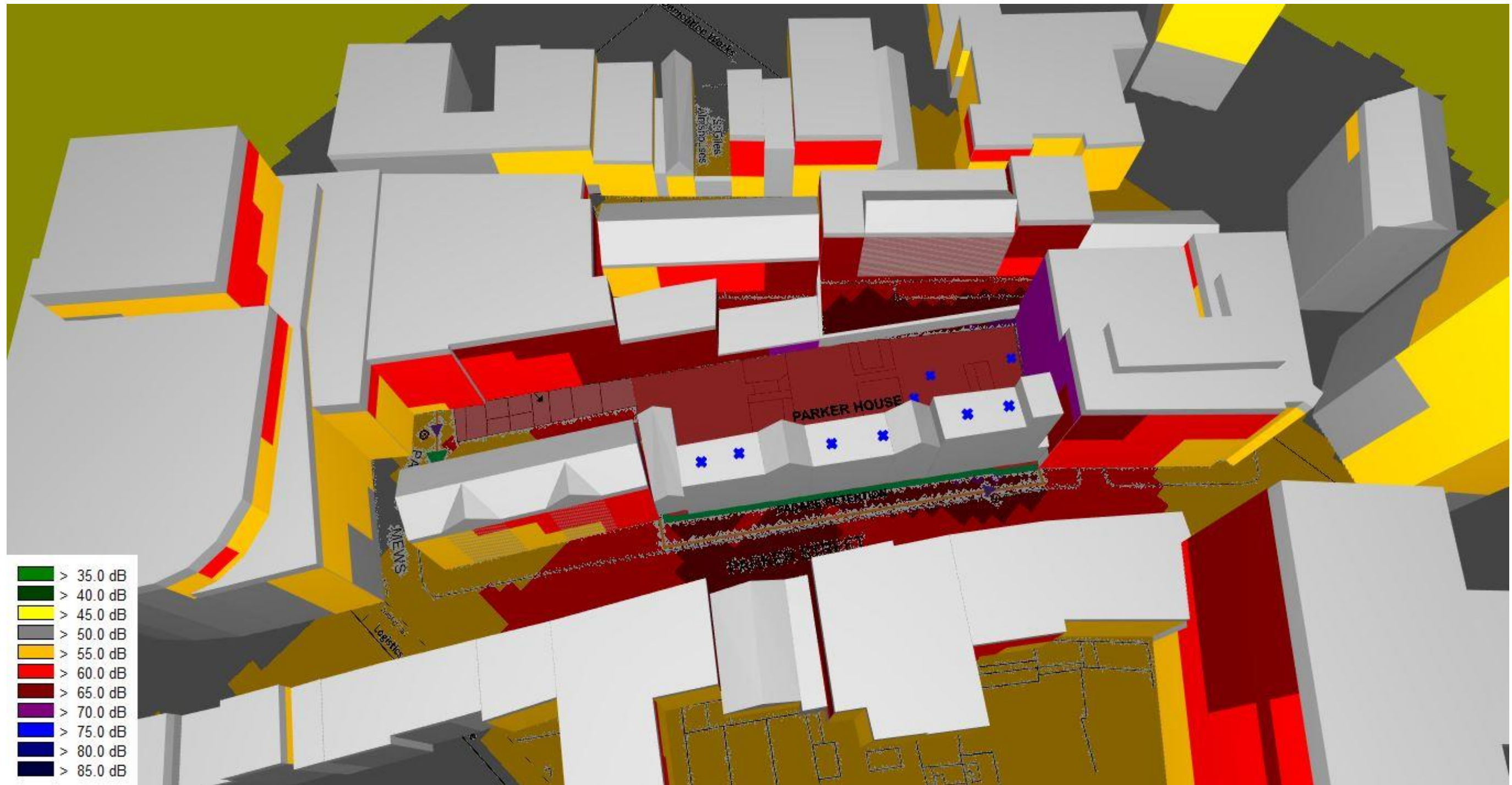
Stage 1 – Block 3 – Low level demolition (2nd floor)



Stage 2 demolition (See highlighted in yellow)







5. Results (Noise and Dust)

All results will be compiled and presented on a weekly monitoring report or on a more frequently when requested within reasonable means. Information included in the report describes the times of day, duration of measurement and details of other relevant sources, together with brief information on site activities at the time of monitoring.

6. Measures to reduce noise, dust and vibration impacts

Best Practicable Means (BPM) (S72 of CPA 1974) will be employed to minimise noise and vibration. Keltbray Limited will retain full control and keep any responsibility for, any subcontractor working under their management on the site.

6.1. *Noise Control Measures*

- Stationary plant such as generators will be located as far as practicably away from the nearest sensitive receptor;
- All plant powered by combustion engines will be fitted with suitably maintained silencers;
- Electrical or LPG powered plant will be used, where practicable, rather than plant powered by combustion engine;
- Plant will be used in accordance with the manufacturers' recommendations;
- Plant such as mobile cranes which may be used intermittently will be shut down between work periods or throttled down to a minimum;
- Acoustic covers to engines will be kept closed when engines are in use;
- Appropriate screens or enclosures will be provided where practicable.

At the working floor level, the scaffold encapsulation (with monarflex and acoustic blankets) will be installed at a height of at least 2 metres above the working floor to provide the right level of noise attenuation and secure protection from any flying debris. The striking of the perimeter scaffold will be once the demolition of first floor slab has been completed. The external scaffold will be clad in flame retardant sheeting monarflex type sheeting. The acoustic blankets will be installed to the scaffold. These site cabins will provide an acoustic barrier at ground level. Above the height of the site cabins, the rear of the hoarding will be clad in acoustic blankets as shown above.

6.2. *Dust (Air Quality) and Control Measures*

Erecting scaffolding and monarflex sheeting will confine the dust arisen during demolition works. Fine water spray techniques will continue to be deployed as they have been for the duration of programme to keep the dust to a minimum. The wheels of vehicles leaving site will be cleaned using a high pressure jet wash.

The following mitigation measures will be considered to minimise dust and other emissions from site activities and disruption or nuisance to neighbouring occupiers:

- Maintaining solid 2.4m high hoardings.
- Use of existing buildings as screens as far as possible.

- Sheeted scaffolds to buildings to be demolished
- Spraying water at work faces, loading operations and site access roads;
- Dampening of exposed soil and stockpiles if necessary;
- The location of stockpiles of brick, concrete, soil and other materials away from dusts sensitive properties, taking into account prevailing wind, if necessary;
- Erecting windbreak netting around material stockpiles and vehicle loading/unloading areas,
- Regular inspection and cleaning of local highways and site boundaries for dust deposits;
- Loading of material into lorries within designated bays/areas;
- Hoarding around the site;
- Sheeting of lorries leaving site carrying loose deconstruction material;
- No unauthorised burning of any materials on site; and
- All site personnel trained in best practice for dust control by regular Environmental Toolbox talks.
- Keltbray are an accredited Gold FORS freight operator
- Low sulphur diesel lorries
- Keltbray only use plant and vehicles that are in good repair and conform to the manufacturer or legislative/British Standard emission standards. Plant maintenance and defect reports shall be held on site in designated file. Wherever possible, plant shall not be left running for long periods when not directly in use. Where appropriate electrically powered machinery and plant shall be used instead of petrol or diesel powered.
- Monitoring site perimeter

6.3. *Vibration and Control Measures*

Keltbray will use BPM to minimise vibration from the works including;

- Site personnel will be instructed in environmental matters and BPM to reduce noise and vibration. They will be informed in the site induction into the surrounding environment. Crushed concrete mats utilised to absorb energy from demolition arisings
- Pulverisers will be used when practicable (in lieu of pneumatic hammers)
- Loading of material into vehicles within designated bays only
- Sensitive location of drop zones and loading areas
- All deliveries to be scheduled to occur during daytime hours only and engines to be switched off when waiting
- All plant to comply with relevant national or international standards, directives and recommendations

6.4. *Site Personnel Briefings*

Operatives will to be briefed on the requirements to keep noise and vibration to a minimum in their induction training and through method statement briefings.

To ensure that environmental standards are maintained, Keltbray considers it necessary that all personnel working on the site are aware of company and their personal environmental responsibilities.

Keltbray will aim to keep levels of noise, dust and vibration to a minimum from its activities on the site by ensuring that:

- Subcontractors are aware of and comply with the requirements of the this document and the full terms and conditions described on EMP;
- Resources (personnel and financial) are available to meet the environmental management requirements for this project;
- Corrective actions are implemented without undue delay and investigations carried out;
- Records and other relevant documentation are maintained;
- Continuous communication is kept with the adjacent occupiers and the local authority;
- Complaints and queries are to be addressed as soon as it is practicable.
- Exclusion zones will be established if noise levels are perceived to be high, operatives will be provided with appropriate ear defenders.

6.5. Selection of Plants

Keltbray Limited will only use plant which complies with the relevant EU/UK noise limits applicable to that plant or is no noisier than would be expected from the noise levels quoted in BS 5228: 2009.

7. Community Liaison and Consultation Approach

The approach for managing noise, dust and vibration on the site is to understand the environment where site is situated and assess who may be affected by these works and what will be the impacts. Then best available techniques and methodologies have been reviewed and assessed on their practical application on site and impacts on the environment – in particular with respect to the establishing sensitive receptors. Mitigation measures available will be reviewed and updated regularly at each project work-phase.

Critical to the success of the project is the effective and regular communication with the local tenants.

Project Manager will lead the demolition team in ensuring good community relations by means of regular communication via;

- Site walkabouts/interaction
- Newsletters – minimum monthly (giving information on current and forthcoming activities)
- Tenant Liaison meetings
- Email notification and updates to parties as agreed

7.1. Management of Complaints

Complaints will be dealt with as per our incident response procedure.

Liaison with the Camden Council:

Keltbray will closely liaise with the Camden Council Pollution Control Team during all stages of the deconstruction contract. Code of Practice for Deconstruction and Construction Sites “Seventh Edition – May 2013” has been adopted and will be followed by Keltbray team, aiming to minimise disruption to the surrounding properties and third parties.

Keltbray is a member of considerate constructors and actively liaises with third parties prior to and for the duration of works. This project will be registered with the Camden Council’s Considerate Contractor Scheme showing our management’s commitment towards achieving best environmental results at this project.

8. Action Plan – Incident Response Procedures

Incidents where action levels are exceeded will be responded to as follows;

- If during site activities action levels are exceeded this will be reported to the project manager.
- Keltbray environmental manager will be contacted and updated on the incident/occurrence.
- He in cooperation with project management team will investigate the work being undertaken, to see if the correct plant and equipment is being used in accordance with the BPM.
- If the work, plant and equipment are not being used correctly the works will be stopped and corrective action taken.
- If high readings are being caused due to unforeseen circumstances and the correct methodology/plant and BPM is being carried out, the Camden Council and neighbors will be notified and the reasons and timescales explained.

Incidents where complaints are received;

- All complaints received will be recorded, in a site complaints book retained in the site office, investigated, and any corrective action implemented and feedback given to the complainant.
- The Camden Council will be advised of any complaint and actions taken to investigate the validity and any actions which have been put in place to rectify the situation if this is found necessary. This may include local monitoring.

Noise, vibration and dust complaints received will be dealt with by the project manager supported by our SHE adviser.

9. Site Logistics Plan

To be updated..

10. Environmental Legislation Requirements

Keltbray will comply with the relevant requirements of the following legislation:

- Code of Practice for Deconstruction and Construction Sites Seventh Edition – May 2013
- The Control of Pollution Act 1974
- The Environmental Protection Act 1990
- EC Directives 2000/14/EC & 2005/88/EC.
- The Noise Emission in the Environment by Equipment for Use Outdoors Regulations 2001 (as amended)
- The Highways Act
- The Road Traffic Act
- The Control of Asbestos at Regulations 2012
- Asbestos Essentials Task document
- The Hazardous Waste Regulations 2005
- The Waste Electrical, Electronic Equipment Regulations
- The Provision & Use of Work Equipment Regulations 1999
- The Control of Noise at Work Regulations 2005
- BS 6087: 2011 Code of Practice for Partial and Full Demolition
- Local Authority requirements
- Planning permission and associated working methods conditions
- Client and Keltbray's Environmental Policies and procedures.

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