# Removal of M&E Methodology
# Planning Condition 3
# Condition Number 136163/LO/2023

## 1.0 Project Overview& Methodology

PRIOR TO ANY DEMOLITION/RIP-OUT WORKS COMMENCING ALL SERVICES WILL BE SUITABLY IDENTIFIED AND CHECKED THAT THEY HAVE BEEN ISOLATED BY SITE MANAGER OR SITE SUPERVISOR PRIOR TO COMMENCEMENT OF PHYSICAL WORKS.

NOTE: NO DEMOLITION OR RIP OUT WORKS WILL TAKE PLACE BEFORE THE NECESSARY ISOLATIONS AND PURGE PROCEDURES HAVE BEEN CARRIED OUT BY CLIENT WITH PROOF OF CERTIFICATION ISSUED.

EXCLUSION ZONES WILL BE PRE-IDENTIFIED BY SITE MANAGER/SITE SUPERVISOR AND BRIEFED TO ALL PERSONS ON SITE BEFORE ANY EXCAVATOR AND/OR WAGON MOVEMENTS ARE ALLOWED.

### 1.1 Project Overview

Works consist of the demolition/strip out works to the roof plant room in its entirety including associated steelwork, fixtures and fittings. This will be achieved using various power tools and hand tools. Works will be accessed via the designated and agreed upon access/egress route as specified by the client.

Due to no viable access or placement areas for skips all items, debris and materials will be removed from site by being loaded into pickups and driven from site to licence waste transfer station for disposal.

Prior to the commencement of physical works on each working shift the site manager or site supervisor will fully brief all operatives on the tasks to be undertaken that day, the methodology for these tasks and the risk assessment for the works specifically focusing upon the risks and the measures to be implemented to manage and minimize these risks as well as undertaking a dynamic risk assessment and briefing this to operatives should there be any significant changes to the methodology or risks that occur due to changes in unpredictable factors such as weather.

### 1.2 Protection of the Area

Prior to commencement, the area surrounding the works will be suitably protected. The parapet will be covered using plywood, applied vertically.

The other exposed area is the roofing to the lower section at the bottom of the ladder. Foam pads will be placed underneath the overhanging tiles and plywood placed on top. This will prevent any falling debris from causing damage during waste removal.

All other areas such as the weatherproofing to the floor are to be replaced as part of the works and so will not require further protection.

### 1.3 Methodology

PRIOR TO ANY DEMOLITION/RIP-OUT WORKS COMMENCING ALL SERVICES WILL BE SUITABLY IDENTIFIED AND CHECKED BY SITE MANAGER BEFORE COMMENCEMENT OF PHYSICAL WORKS.

NO PERSONS ARE TO WORK OUTSIDE THE AREA OF THE PARAPET WALL AT ANY TIME.
NO WORKING AT HEIGHT VIA ANY TOWER SCAFFOLDS, PODIUM STEPS, STEPS OR LADDERS IS TO BE UNDERTAKEN NEAR THE PARAPAET WALL AT ANY TIME (SITE MANAGER TO BRIEF "EXCLUSION ZONE" TO ALL PERSONS ON SITE REGARDING THIS).

Operatives will commence works by removing any bitumen, followed by the full structure of the roof and walls. This will be done by hand using hand tools, battery operated tools and stihl saws. All materials will be loaded by hand in to rubble sacks and then moved to the pulley system using load sharing and kinetic lifting methods.

From the pulley system materials will be loaded into the pulley system bucket or similar to be lowered carefully to the area of the lower roof where they will then be moved to inside the building to the area of the elevator to be brought down to ground level inside the elevator. Once at ground level these will be loaded in to wheelbarrows and carts or similar to be moved to designated area to be loaded into pickups for removal from site to licensed waste transfer station.

Access to areas requiring working at height to be via podium steps and/or tower scaffold erected by trained (PASMA) and competent operatives as per manufacturers guidelines and by steps or ladders for short duration works or access where deemed necessary by site manager. All tower scaffolds, podium steps, ladders and steps to be used safe distance from parapet wall as decided and briefed to all persons by Site Manager.

Any materials, debris or other items removes whilst working at height to be lower to the ground safely when working by being brough down to ground level at regular intervals. All removed debris and materials once reaching ground floor will be removed from the building by hand carrying them out of the designated entrance/exit of the building in wheelbarrows, carts, buckets and rubble sacks to be moved to the area where pickups are parked for transport of materials to a licensed waste transfer station.

Site access and egress only via designated points with all pickup movements to be done under the guidance of a competent banksman.

**2.0 Identified of Further Hazards & Risks**

1. Identifying asbestos products (Control of Asbestos Regulations 2012)
2. Unauthorized access to work area (MHSW Regulations 1999)
3. Operativecutsandgrazes(HSG17SafetyintheuseofAbrasiveWheelspublication,Training, Inductions and Toolbox Talks)
4. Asbestos fiber release (HSG 264 Asbestos: The Survey Guide)
5. Waste disposal(The Environmental Protection Act 1990 and the Duty of Care Regulations 2011)
6. Vehicular access to site (HSG 136 Workplace Transport Safety)
7. Pedestrian access to site (MHSW Regulations 1999 and SG 151 Protection of the Public)
8. Welfare facilities (HASAWA 1974 etc., MHSW Regulations 1999, CDM 2015)
9. Interaction with employees and members of the public on foot and in vehicles
10. Machine operation (LOLER 1998, PUWER 1998)
11. Dust(Environmental Protection Act1990, HSG151ProtectionofthePublic, COSHH

Regulations 2002 (as amended)
12. Noise (MHSW Regulations 1999, Environments Protection Act 1990)
13. Working at height (Working at Height Regulations 2005, HSG65 Successful Health &Safety Management Guidance)
14. Premature collapse
15. Fire (RRFSO 2005, FSRA-5-Step-Checklist)

**3.0 Further Control Measures**

1. Any suspected ACM'S that have not been identified will result in works for that area being immediately suspended, with the area being cornered off and the demolition site manager being informed. Once identification of the material has been confirmed, a specialist contractor will be appointed to carry out safe removal of the material.
2. Services to be terminated by the Client if required to facilitate works and proof in writing given to the site manager. All pipework will be purged prior to cutting and a continuity bond if needed will be put into place before cutting commences.
3. Correct PPE of hard hat, safety boots, hi-visibility vest, overalls and gloves to be worn at all times by operatives. Ear defenders will be worn if the noise monitoring shows that they are required. Helmet mounted ear defenders are to be used (MHSW Regs 1999). Eye protection will be worn for task specific works. RPE to be worn when dust generating activity commences.
4. Site vehicle access will be via Atkinson Street and via wait and load. No parking is available on site.
5. Should the works generate dust (Environment Protection Act 1990) and (COSHH Regs 2002) to the point it is of a concern, the works will be damped down with water before and during demolition to reduce the risk of any dust release.
6. Any working at height will be carried out by trained operatives, wherever reasonably practicable, scaffold towers will be utilized.