



DEMOLITION  
PHASE 1B  
WELLING'S HOUSE



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# SCOPE OF WORK

- Demolition of car park to create new construction entrance into site.
- Hoarding site boundary.
- Full soft strip of flats and asbestos removal as per R&D surveys.
- Scaffold wrap Wellings House with flame retardant mona flex.
- Internal birdcage scaffold to top four floors.
- Top Down demolition of top three floors to reduce height of building.
- Mechanical demolition of remaining building.
- Slab and foundations removal.
- Crushing arisings to 6F5 and reuse for pile mat on site.
- This plan is to be read in conjunction with the full RAMS.
- This presentation and RAMS are to be included in the daily briefing to make all personnel on aware of their duties, the hazards on site and how they are being controlled.

# Identified Hazards

1. **Impact of excessive noise on neighboring school and residents from demolition activities.**

Noise levels to be monitored by site supervisor during the working hours. Welling's House to be wrapped with scaffold to reduce noise levels.

2. **Impact of dust on neighboring school, residents and the environment.**

Welling's House to be wrapped with scaffold to capture and reduce dust leaving site.

Dust suppression units will be used to suppress dust particles arising from demolition and site activities. These will be located at various points of the site depending on the direction of the wind

3. **Asbestos Removal.**

Asbestos removal to be undertaken in accordance with the Control of Asbestos Regulations 2012.

4. **Structural demolition adjacent to properties.**

Exclusion/restricted zones to be installed around work area Banksman/Traffic Marshalls to monitor Exclusion zones throughout demolition to ensure there is no breach by public / unauthorized persons.

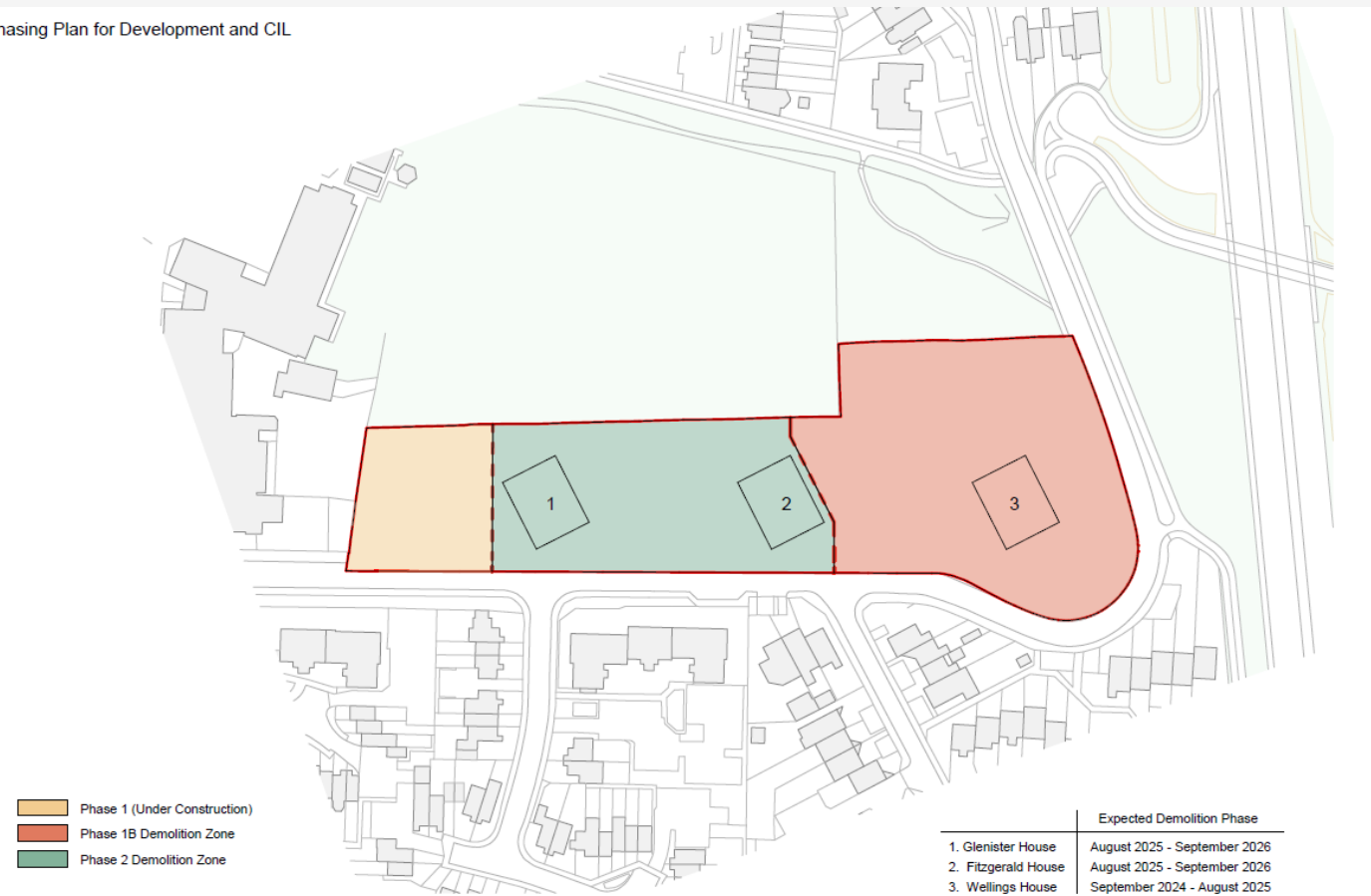
Due to proximity of school, residents and public, top three floors to be removed by top-down demolition technique to a safe height for High Reach demolition.

5. **Site Traffic / Moving Plant.**

Operatives are to utilize the separate vehicle and pedestrian routes installed by NED.

Demolition restricted zones to be set up around work areas to contain plant movement, as the works are located within a school and residential area. Extreme care must be taken when moving around the sites and upon arrival and departure.

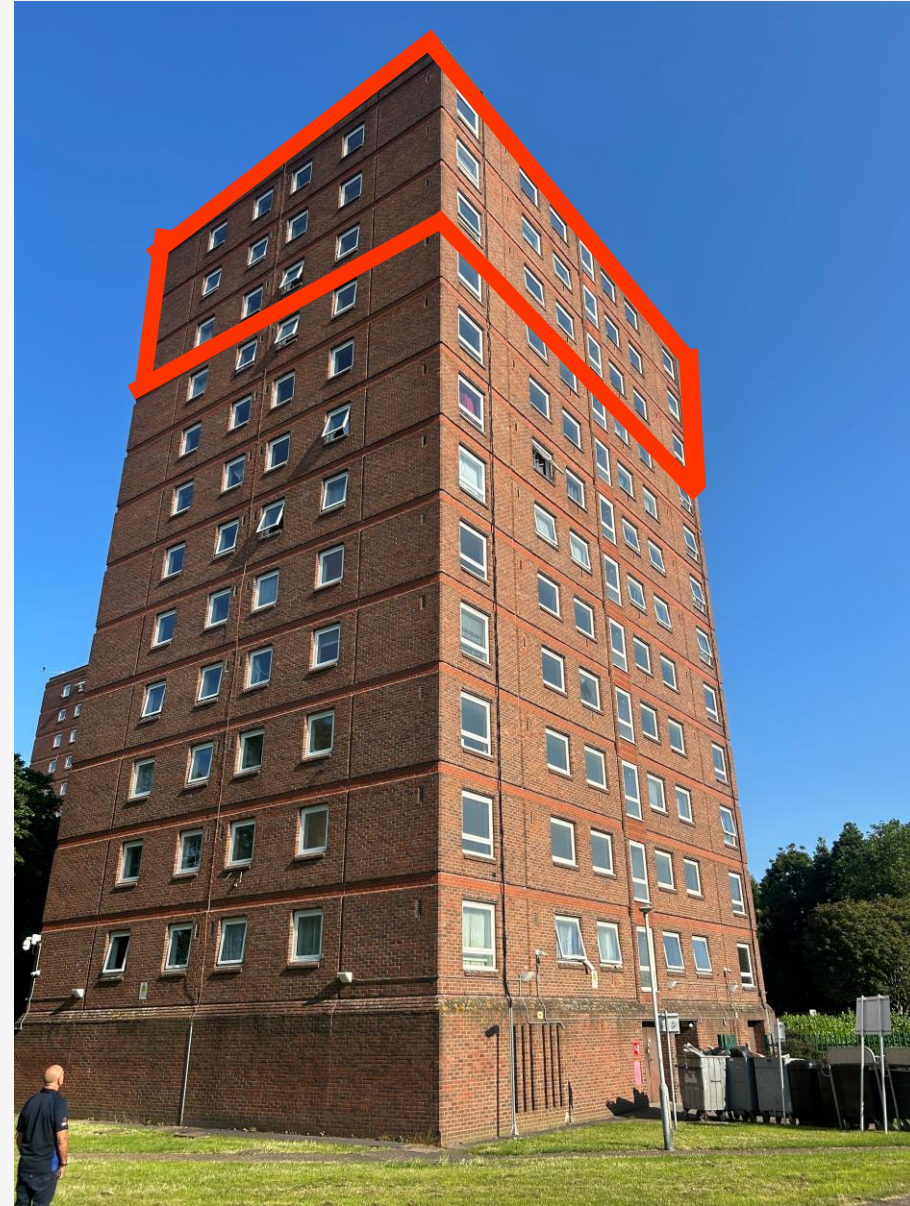
Phasing Plan for Development and CIL





## Wellings's House – Removal of top three floors

Due to proximity of school, residents and public, top three floors to be removed by top-down demolition technique to a safe height for High Reach demolition. (Floor by floor removal using mini excavators). Scaffold wrap Wellings House with flame retardant mona flex. Internal birdcage scaffold to top four floors. Crane to lift mini excavators onto roof for top-down demolition.



## Welling's House – Mechanical Demolition

Scaffold to be removed from one elevation.

High reach demolition of remainder of building.







When managing sites, it is common to have areas where for various health and safety reasons access may be restricted.

**RED ZONE** – Is an **EXCLUSION ZONE** that is defined as being the most restricted and is “an area of a site where no person may work”. Different structures require different methods of demolition. Key to designing and selecting the method is considering what can go wrong. Those decisions will lead to the size and nature of the designed **RED ZONE**.

**AMBER ZONE** – There may be other areas on site where access will be **RESTRICTED** to work undertaken by specialist occupationally qualified personnel as required by risk assessment and method statements. These are called **AMBER ZONES**.

**REST OF SITE** – Access to other areas of the site will be allowed for inducted and authorised workers.

**GREEN ZONES** – Some sites operate a **GREEN** or **SAFE** zone area where no **PPE** is required such as offices, site welfare and car parking.

*Demolition is a fluid process and the exact position of zones are likely to move and change with time.*

Site

RED ZONE = Exclusion Zone

Site

AMBER ZONE = Restricted Zone

Rest of site

= Permitted Site access

Welfare / Office

GREEN / SAFE ZONE = NO PPE

