

The cutting and breaking of the existing Annex slab to strengthen foundations.

METHOD STATEMENT

PROJECT: Hornsey Town hall	TITLE: The cutting and breaking of the existing Annex slab to strengthen foundations.
Risk assessment number: 0001	

METHOD STATEMENT:	
1	All operatives to be site inducted as per Ardmare Construction Ltd requirements
2	Operatives are to follow the direction of their given supervisor or the tradesman that they are working with.
3	All operatives are to sign a daily safe start and be briefed on the activity by their supervisor before any work are carried out.
4	Before any works are carried out the existing slab and walls will be inspected for any cracks. Any cracks found will have a crack gauge monitor applied, which will be checked regularly throughout the breaking out of the slab.
5	Labourers are to install an exclusion zone via chapter 8 barriers around the excavation area before beginning. Exclusion zone signage is to be put in place.
6	Once the exclusion zone is in place the site engineer can mark out the area to be broken out. Then the cutting of the slab can begin. This will be done via a petrol saw and concrete blade. Crack monitors are to be checked after this step.
7	Once the perimeter has been cut a 0.5t excavator with a breaker attachment will be brought into the Annex and positioned within the exclusion zone. The excavator will be fitted with a catalytic converter.
8	The 0.5-tonne excavator will then begin to break through the slab within the marked-out zone. If any of the slabs outside the cut zone is damaged operatives are to report straight to the site engineer. The concrete will be removed periodically as the slab is broken via the use of a 1-tonne dumper. The dumper will also be fitted with a catalytic converter.
9	Throughout the excavation, if any plant comes into contact with the envelope of the building works are to be stopped and a survey is to be carried out for any damage.
10	Operatives are to check the existing columns and slab not being broken out regularly throughout the breaking process for any damages or deformation. If any are observed, then works are to stop and a survey is to be carried out for the extent of the damages or deformation.
11	Once the slab has been broken through and the concrete removed the excavator will then continue to excavate within the marked-out zone until the existing foundation pad is revealed. No areas outside the marked-out excavation zone are to be excavated or undermined.
12	All the cut concrete surfaces are to be treated with Ronabond concrete repair system by Ronacrete, or a similar concrete repair system.
13	The foundations of the existing structure must not be undermined. Upon exposing the retained structures, the operatives will identify if any proposed excavation levels are deeper than the existing funding levels and notify the engineer accordingly.
14	During all demolition works operatives are to wear the required PPE which will include, cut 5 gloves, goggles and an FFP3 dust mask.
15	Before leaving an area the labourers will clear up any debris made and dispose of it into rubble skips.