

The demolition and removal of the Annex roof.

METHOD STATEMENT

PROJECT: Hornsey Town Hall	TITLE: The demolition and removal of the Annex roof.
Risk assessment number:	

METHOD STATEMENT:	
1	All operatives to be site inducted as per Ardmore 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 is carried out.
4	All demolition will be carried out to HTS drawings.
5	Labourers are to shut off all access to the Annex via the use of chapter 8 barriers to the entrances of the Annex before beginning. Exclusion zone signage is to be put in place.
6	Operatives will cover each window in Correx and plywood to protect it from any damage or debris from the demolition process.
7	Once the exclusion zone is in place a handrail is to be erected by a qualified scaffolder around the perimeter to allow roofers to gain access to the roof.
8	Temporary steels will then be installed to improve the rigidity of the envelope of the building during demolition works and installation of permanent steels (Please see temporary and permanent steel rams)
9	A crash deck will be erected below the skylight to prevent any damage to the areas below.
10	Operatives can then gain access to the crash deck and via the use of handheld tools and breakers will begin to break down the existing roof build-up. They will begin from the top section and remove evenly from both sides to keep the loading of the roof even. While this section of the roof is being demolished the below walls will be monitored for any cracking. If any cracking is found work will stop and the site engineer will be called. All rubble will be removed from the area via the use of a mobile crane and tipping skip.
11	Roofers will then proceed to remove the lead flashing to allow the skylight glass to be removed pane by pane. These will be lowered down and stored on pallets to be disposed of..
12	Once all the glass is removed the roofers will begin to carefully remove the slates from the slated section of the roof. These will be carefully loaded onto pallets and wrapped for later use.
13	Once the slated section of the roof has been demolished a crane will be hired in to hold the existing steel rafters in place. This is to prevent the beams from falling once cut and damaging the envelope of the building.
14	Once they are secured a trained operative will begin to burn through the supported rafters with the use of an oxygen fuel torch one by one lowering the rafters to the disposal area outside the Annex. A hot work permit is to be opened for these works and the area is to be monitored for 2 hours after the cutting of the beams.
15	With all the rafters cut and lowered the crane operatives will then remove the rafter plates from the wall. These will be removed by hand tools to lower the risk of damage to the brickwork and salvage any brick possible. The holes left by the plates will be infilled with retained bricks from the demolition of the gable end. The wall will be inspected for any cracking or damage during this process.
16	The gable end will then be demolished. This will be done by erecting an aluminium tower to gain access to the top of the gable end. The bricks will be removed one by one with the use of hand tools, cleaned, wrapped, and stored on a pallet for later use within the Annex. The walls below will be monitored for cracking after the bricks have been removed.

ARDMORE GROUP SMS PROCEDURE 3.6 METHOD STATEMENT:

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17	Before leaving an area, the labourers will clear up any debris made and dispose of it into rubble skips.
18	The site engineer will then attend to review all walls and steels for signs of damage or distortion.