DEMOLITION/RECYCLING GENERIC METHOD STATEMENT

	Task Description	
1	Final decision to be made on the Health & Safety/ Economic/Environmental Factors/Challenges to be faced during demolition, considering the particular building(s) removal to ground level, e.g Recycle or Demolish?	GENERAL
2	Fit Signs & Barrier off working areas from interferance	
3	Locate skips in a safe secure area closest to work face/zone to reduce distance to travel	
4	Isolate/Seal all nearby services - Sewer,Drain, Connections Gas, Water, Electric that are of potential interferance	
5	Erect Scaffold/ Protection Reduced Exclusion Zone Netting/Sheeting on wall sides where interferance from falling debris with Party Wall/Properties/General Public	
6	Where potential for Uncontrolled Collapse ensure Structural Wall Support is **Shored** designed/installed or connecting walls left in situ until demolition sequence allows removal - also considering Party Wall/Properties/General Public are any of these parties present or can signifcant clear zoning be made possible?	
7	Clear majority of internal rubbish & equipment thats economically viable to do so priory to roof or start of Controlled Collapse	
8	Clear any items of Hazardsous Waste from Building Carefully and Load into nearby Controlled Skips	
9	**Does the building contain Asbestos Sheeting and or is the Roof/Roof Structure to be recycled? If Yes**	ROOF
10	Ensure all Specialist PPE/ Masks are used by operators	
11	Locate MEWP/ Fork Lift & Cage Platform close to workplace on sound hard ground	
12	Ensure where possible roof material can be placed/controlled release (& safely/economically considering space) into controlled skip at the work face	
13	Access roof using MEWP and Remove roof material and place/controlled release into designated skip working from one end of the building to the other and starting where possible from the ridge and working down	
14	Continue process until uneconomically viable skip location then move skip closer to uncleared roof area	
15	For Industrial Buildings work from inside the building and locate skips inside the building to remove roof	
16	If the roof is cladded side walls then work from top to bottom within the width of a Bay of the building and continued the process of place/controlled release into designated skip	
17	**If the building is not Industrial it will generally have a wood roof and such continue as detailed below (If not see demolition steel structure)**	ROOF - STRUCTURE
18	Ensure all roof material has been removed and cladding from the sides of the building	
19	For consistency a deliberate procedure for Rafter Removal should be adopted (On after Finalising Procedure with Good Engineering Practice & Structural Engineering) so sufficent rafters remain in situ as the structure changes from Pinned at the top of the wall to rafters connected to Unpinned as rafters are removed. This will ensure no uncontrolled collapse particularly where there are Party Walls/Properties/General Public within a shortened exclusion zone	
20	The process to be adopted where possible is to work from the Triangular Gable End of the rood and work Longitudinally down the building removing one rafter then the wall in a bay as per drawing sequence	
21	Where adjacent wall is not to be removed the whole wall is to be left in situ and adequate shoring brick work of lateral intersecting walls left partly erected and/or shoring brick/blockwork layed as support or steel plate framework fitted so to leave the Free Wall structurally sound and prevent uncontrolled collapse (Good Engineering Practice & Structural Engineering to be Adopted)	
22	Any battens or joist timber to be picked away and segregated onto seperate wood pile	
23	Any Oak Trusses to be reycled to be carefully lifted by crane onto lorry or laydown are for later collection	
24	Tracked Excavator (e.g Volvo 290c) with suitable reach carefully located within Exclusion Zone and positioned so the progress of debris from the wall to be felled in the demolition sequence will be within a Drop Zone of Max 8.5m and Min 5m to ensure clear of machine and cab driver	WALLS
25	The Wall to be Picked Apart in sequence working from highest point to lowest. Safely Shaped Pillars of wall Picked by Excavator to retain structural integrity e.g Triangular Shape and also Shoring Pillar walls to be kept in situ and not demolished to ensure no 'Unplanned Collapse' of Demolished Wall or Connected Wall on perimeter of building	
26	Demolished Bricks to be grabbed with sorting grab and placed on Lorry for transport to safe sorting area and/or sorted in situ after Building Demolished and Segregated Pile of Bricks is in Safe Zone away from other buildings to be demolished	
27	Bricks to be Cleaned and Recycled and loaded onto Pallet (500No) and then loaded pallets placed safely in laydown area ready for transport. Palleted bricks to be loaded onto lorry with Fork Lift trucks as and when required.	
28	Any bricks and rubble to be crushed for hardcore and sorted to be placed on a seperate pile ready for process once main demolition felling process completed	
29	Sorting Grab/ Multiprocessor Unit to be used to sort out Wood, Cables, Windows etc from rubble for correct placement on seperate piles &/or loaded into the specific controlled skip for removal from site	
30	**If the building is industrial or Converted Building it will contain steelwork inside which is part of the roof and wall or seperate as a gantry crane**	STEELWORK
31	Locate MEWP/ Fork Lift & Cage Platform close to workplace on sound hard ground	
32	Using MEWP access purlin steel and cut away and place in scrap skip close to building	
33	Load MEWP with correctly selected lifting equipment and access Steelwork Rafters then fit the lifting tackle to sttelwork. Once lifting gear is attached lower lifting hook/or speader frame as necessary with crane hoist/boom so that it can be connected to lifting tackle and steelwork.	
34	Using the hoist tension the steelwork lift gradually until a light load is applied, this will ensure the load will not fall when disconnected from attached steelwork. Using burning equipment cut the bolt heads of the Rafter to Column bolted connection and release rafter. Use Hammer and wedges to split the steelwork away as necessary.	
35	Lift Rafter safely into Scrap Skip or Lorry to be taken away for recycling.	
36	Once one rafter is removed the steelwork support columns of the previous bay can be removed safely using strops to attached to the columns and after cutting the bolt heads at the concrete plinth base lift load vertically and laydown safely in laydown area for cutting into smaller lengths &/or place into scrap skip &/or lift onto lorry to be taken away for recycling	
37	The Crane track beam is to be cut away at one bays width at a time and the process 25 & 26 is to be used to carefully remove this steel	
38	Continue the process along the building until the steelwork in the building is completely removed	
39	**The removal of electric cables is only to be undertaken after complete checking there is no LIVE electricty &/or Other Services Impacting the Work Area and the Services are ISOLATED from and Danger. This must be checked maticulously and so there is no residual live connections at all.**	SERVICES
40	Using the Excavator Multiprocessor grab the electrical equipment/cable and pull gradually the cable away from the building as far as reasonably practicable. Any areas where the cable is unable to be pulled away should be cut and addressed later on in the demolition process during the tidying of the site. All cable ends left should be correctly, identified sheathed and isolated.	
41	Load all electric cable into a specially designated scrap skip for recycling	