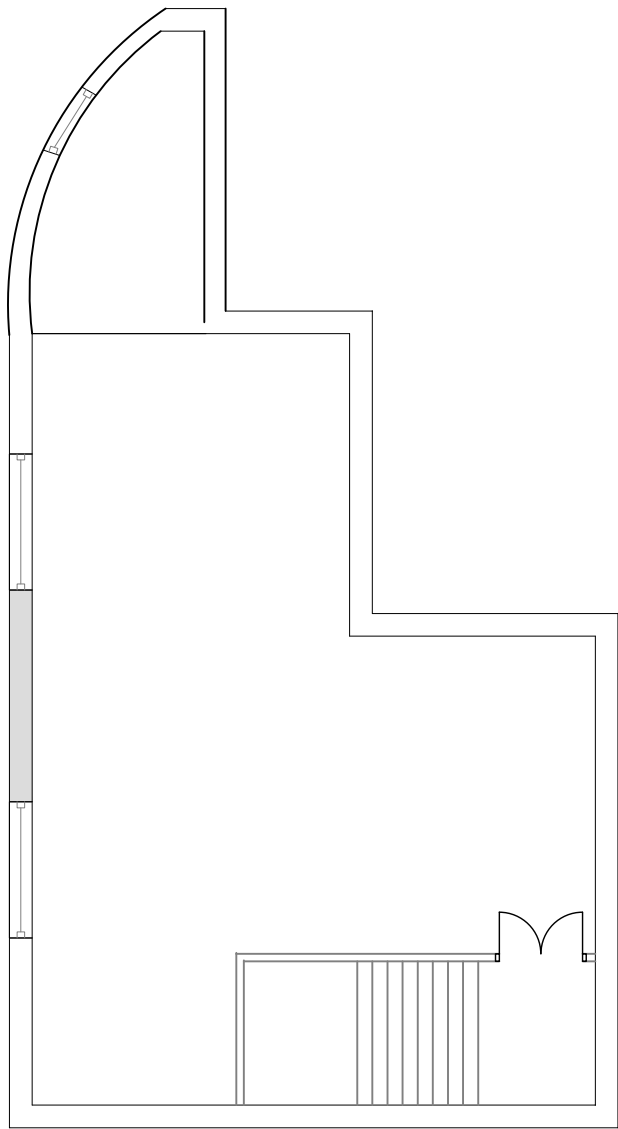
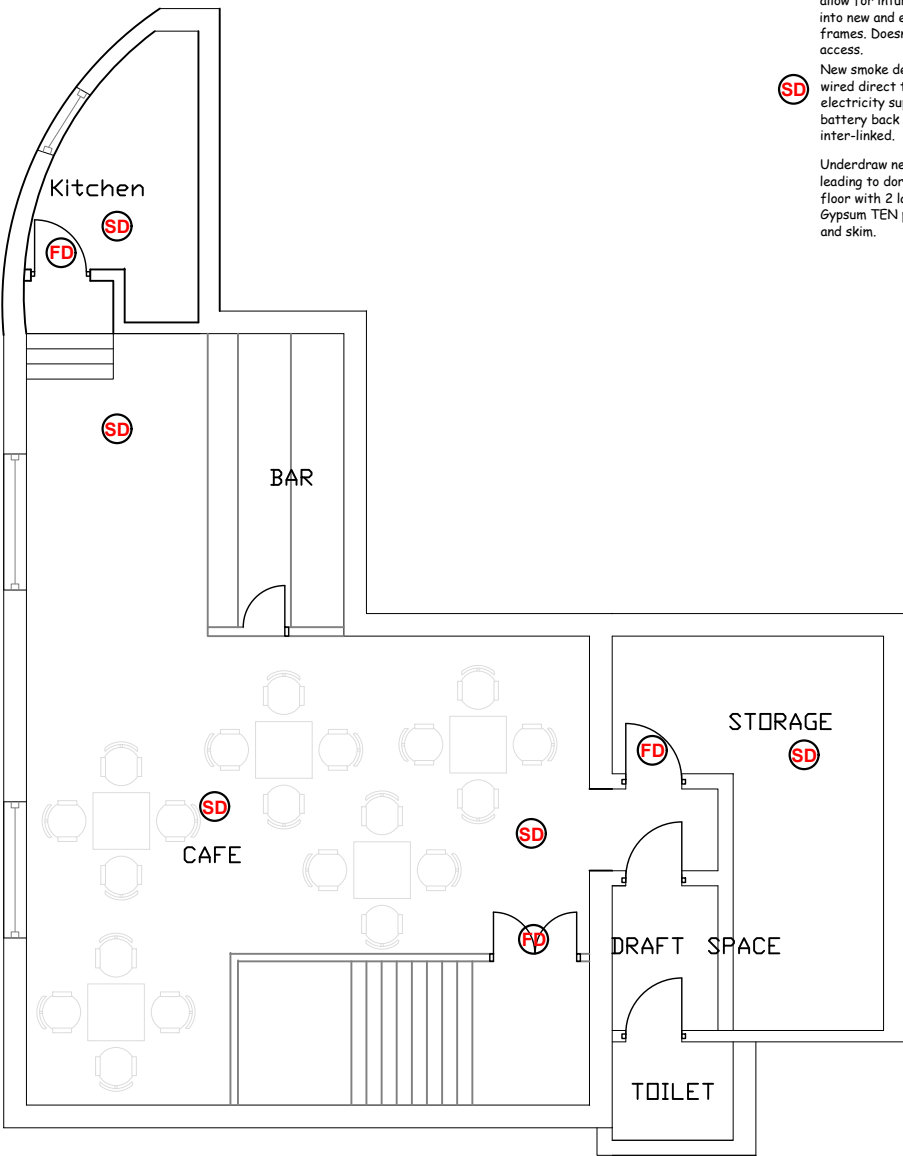




Upper Floor Existing



Upper Floor Proposed

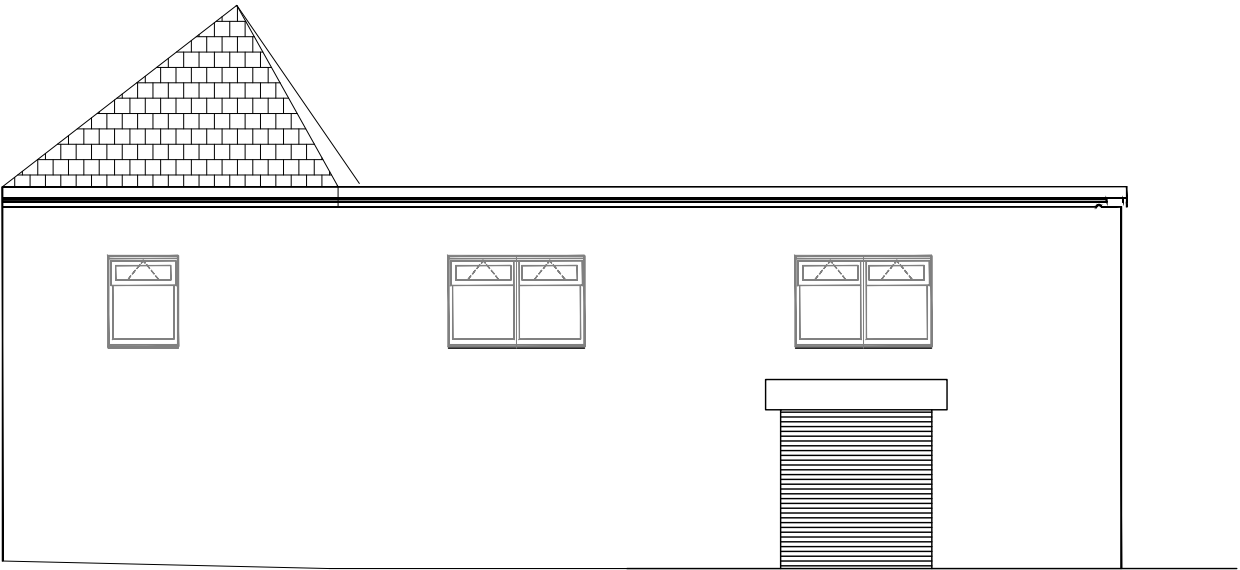
Existing walls forming protected escape route down from the loft to the final escape door to be checked for their construction - walls must be half hr fire resistant. If walls are not masonry or 9.5mm & skim or 12.5mm plasterboard - walls are to be upgraded by the application of additional 9.5mm plasterboard & skim. Skirtings and architraves adjusted and replaced to suit.

Existing first floor construction is to be checked for a modified half hr fire resistance standard ie. reduced performance of 30mins stability/15mins integrity/15mins insulation eg. 12.5mm plasterboard with joints taped or 9.5mm plasterboard & skim or lath & plaster with 16mm plaster finish over laths. Where construction is found to be substandard under-draw with 12.5mm plasterboard & skim.

Where floor joists do not continue the full width of the building ie where ceiling joists with no floorboards are provided particularly to eaves - the existing ceiling is to have continuous chicken wire mesh to & in-between the existing timbers and 100mm mineral wool quilt laid over. Note - 170mm additional insulation provided over 90 degrees where ceiling separates heated areas from unheated voids.

Spandrel of stairs forming protection to the escape route to be upgraded to half hr fire resistance by underdrawing with 12.5mm fireline board & skim. Where cellars exist - section of floor under the escape route to be upgraded to half hr fire resistance as above (full area of timbers to avoid premature collapse of structure).

New floor construction to be underdrawn with 15mm fireline & skim to give full half hr fire resistance. All floor to be in-filled with 10kg/sqm sound mineral wool for sound deadening.



Elevation EXisting and Proposed

- Doors marked thus to be half hour fire doors and be self closing (ie. rising butt hinges), allow for intumescal stripping set into new and existing softwood frames. Doesn't require key access.
- New smoke detectors to be wired direct to the mains electricity supply with a battery back up system and inter-linked.
- Underdraw new staircase leading to dormer extension floor with 2 layers 12.5mm Gypsum TEN plasterboard and skim.

Project Title: CHANGE OF USE	
Address: 22 - 24 Sherbourne Street, M3 1FE	
Drawing: LOCATION PLAN	
Drawing No: 270719-01	
Drawn: Victor D.	Date: 01/03/24
Scale: 1:500	Paper Size: A3