Room Ref:	Room Description	Ventilation Proposal	Alternative solutions
G01	Open plan area	Mechanical supply and extract Air Handling Unit (AHU) fed from the roof rising/dropping from the plant room and F04 store serving swirl grille diffusers in the open plan area.	Heat recovery units serving extract bell mouths and supply grilles, this could be combined with a mixture of fan coil units that could provide extra heating and cooling.
G02 + G03	Charity Shop + Store	Mechanical heat recovery unit serving supply and extract grilles, this could be controlled via a local controller within the store or locked to control on Co2.	Local extract fan for shop store and then feed the charity shop from the mechanical AHU via grille diffusers. (Would increase size of AHU required)
G05 & G10	Offices	Mechanical heat recovery unit serving a single supply grille and an extract bell mouth, this could be controlled via a local controller within the room or locked to control on Co2.	Supply and extract grille diffusers fed from the mechanical AHU. (Would increase size of AHU required)
G06 & G08	Store	Local extract ventilation – wall mounted	N/A
G12-14	Unisex WC's	Single extract fan serving 1x air valve in each WC.	N/A
G15	Entrance Lobby/ Tea point	Local extract ventilation – wall mounted	Single air valve connecting to mechanical extract fan from WC's
G16	Prayer Room	Mechanical heat recovery unit serving supply and extract diffusers, this could be controlled via a local controller within the room or locked to control on Co2.	Natural supply ventilation via openable windows and mechanical extract, if this will provide adequate supply air. Alternatively fed by grille diffusers from the mechanical AHU. (Would increase size of AHU required)
G17	Kitchen	Mechanical supply and extract fan located on the roof of the prayer room serving kitchen canopy hood.	N/A
F02	Lobby	Natural ventilation via auto-openable roof lights/windows.	Leg of supply + extract diffusers connecting to the ground floor open plan area AHU via a mechanical services riser. (Would increase size of AHU required)
F08	IT Room	Single extract fan serving 1x extract grille diffuser	Heat recovery unit serving an extract bell mouth and a supply grille. Alternatively fed by grille diffusers from the mechanical AHU. (Would increase size of AHU required)
F03 & F05	Small group work & Education	Mechanical heat recovery unit serving supply grilles and extract bell mouths, this could be controlled via a local controller within the room or locked to control on Co2.	Natural ventilation for supply and mechanical extract ventilation, if this will provide adequate supply air. Alternatively fed by grille diffusers from the mechanical AHU. (Would increase size of AHU required)
F06, F09 & F12	Crisis Support, Work Club & Multi-Purpose Room	Mechanical heat recovery units serving supply grilles and extract bell mouths, this could be controlled via a local controller within the room or locked to control on Co2.	Natural ventilation for supply and mechanical extract ventilation, if this will provide adequate supply air. Alternatively fed by grille diffusers from the mechanical AHU. (Would increase size of AHU required)
F07	Food Store	Single extract fan serving 2x extract grille diffusers	N/A
F08 & F10	Unisex WC's	1x extract fan per WC serving 1x air valve per WC.	N/A