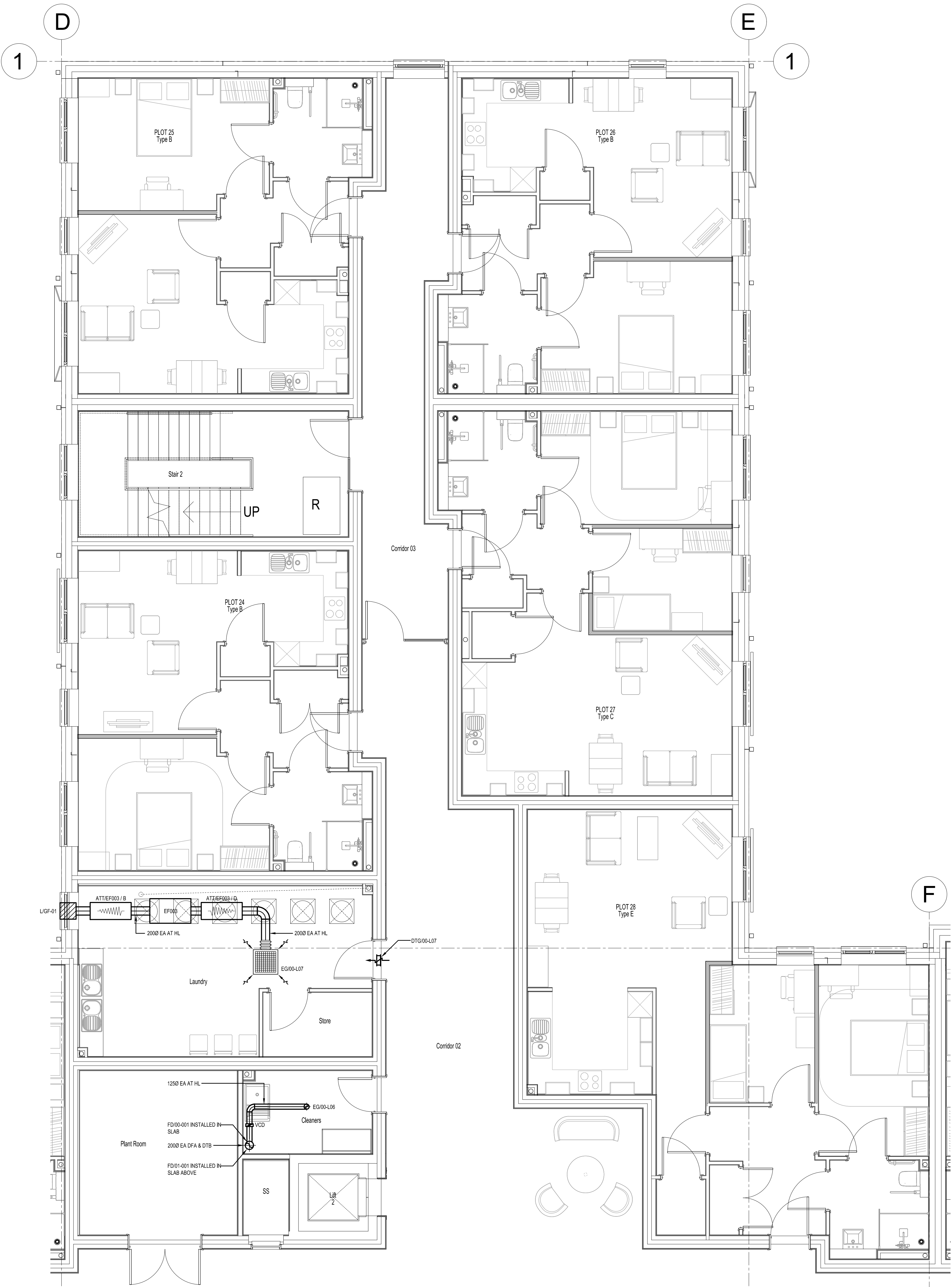
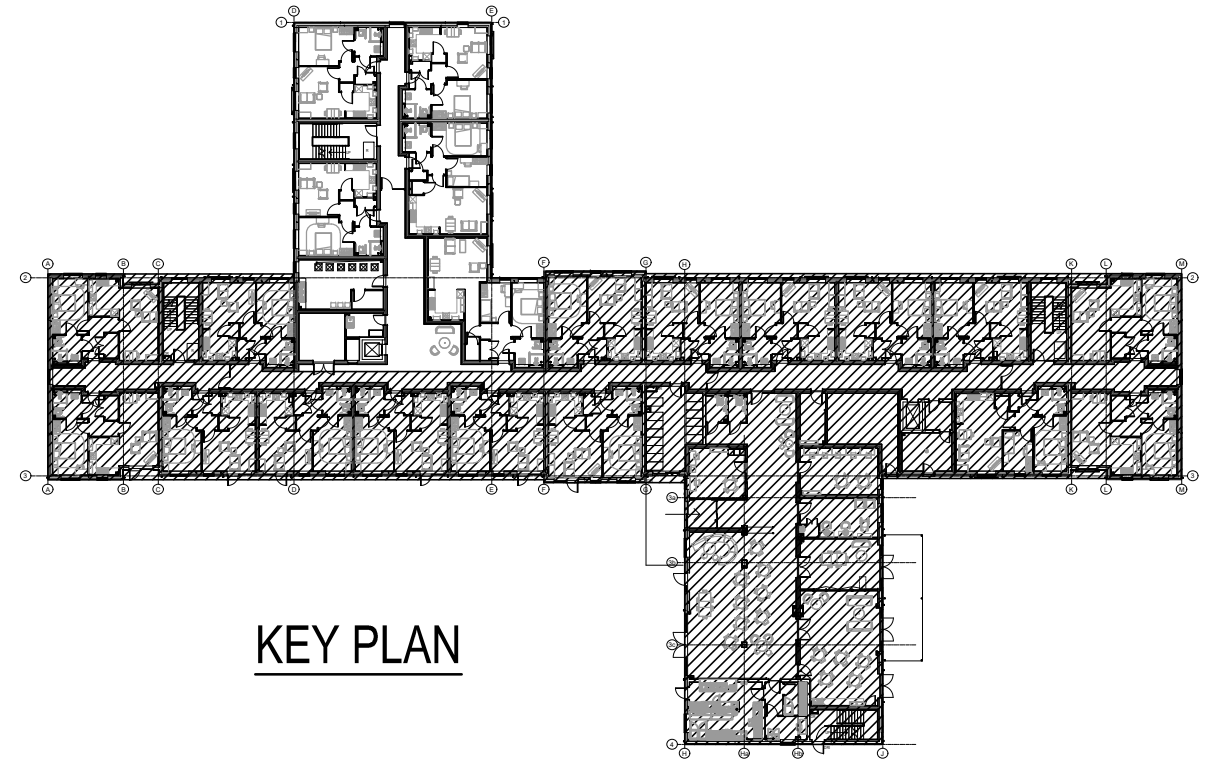




For Continuation Refer Drawing No. -CLK-WME-XX-GF-DR-M-57-0002



KEY PLAN

ABBREVIATIONS:

- SA SUPPLY AIR
- EA EXTRACT AIR
- FAI FRESH AIR INLET
- EXT EXHAUST
- AP ACCESS PANEL
- ATT ATTENUATOR
- BO BELLMOUTH OPENING
- EF EXTRACT FAN
- EG EXTRACT GRILLE
- FD FIRE DAMPER
- HL HIGH LEVEL
- LL LOW LEVEL
- MVHR MECHANICAL VENTILATION HEAT RECOVERY
- SD SUPPLY DIFFUSER
- ST SET
- VCD VOLUME CONTROL DAMPER
- VRF VRF FAN COIL UNIT

LEGEND:

- FIRE COMPARTMENT
- SUPPLY DIFFUSER
- EXTRACT GRILLE
- EXTRACT AIR VALVE
- VOLUME CONTROL DAMPER
- FIRE DAMPER
- BELLMOUTH OPENING
- ROUND FIRE RATED DUCTWORK
- RECTANGULAR FIRE RATED DUCTWORK

NOTES:

- ALL DIMENSIONS ARE IN mm.
- ALL DUCTWORK IN COMMON/COMMERCIAL AREAS SHALL BE GALVANISED STEEL CONSTRUCTION.
- ALL DUCTWORK SHALL BE MANUFACTURED, INSTALLED, TESTED & COMMISSIONED IN ACCORDANCE WITH HWCA AND CIBSE GUIDANCE.
- FLEXIBLE DUCTWORK SHALL ONLY BE USED FOR THE FINAL CONNECTIONS TO GRILLES TO A MAXIMUM LENGTH OF 500mm.
- ALL DUCT RUNS & DIFFUSER POSITIONS SHALL BE CHECKED & SET OUT AGAINST FULLY DETAILED CEILING AND FLOOR LAYOUTS, STRUCTURAL ENGINEERING & ELECTRICAL SERVICE DRAWINGS. ALL DIMENSIONS MUST BE CHECKED OUT ON SITE PRIOR TO THE INSTALLATION BEING EXECUTED.
- ANY DUCTWORK OVER DOORS SHALL BE COORDINATED WITH FRAMEWORK.
- DOOR TRANSFER GRILLES AND DOOR UNDERCUTS SHALL BE PROVIDED AS NECESSARY FOR VENTILATION RETURN AIR PATH WITH CONSIDERATION OF ACOUSTIC AND FIRE STRATEGY REQUIREMENTS. DOOR UNDERCUTS SHALL BE A MINIMUM OF 10mm AND SHALL NOT EXCEED A MAXIMUM OF 15mm.
- VENTILATION SYSTEM ATTENUATION SHALL BE PROVIDED AS REQUIRED IN ACCORDANCE WITH THE ACOUSTIC RECOMMENDATIONS
- FIRE DAMPERS SHALL BE PROVIDED WITHIN DUCTWORK WHERE PENETRATING FIRE COMPARTMENTS.
- FIRE DAMPERS SHALL BE COMPLETE WITH BUILT-IN FRAMES FOR FIXING TO THE BUILDING STRUCTURE AS REQUIRED, IN ACCORDANCE WITH THE CURRENT ARCHITECTS FIRE STRATEGY DRAWINGS.
- ACCESS DOORS SHALL BE PROVIDED ADJACENT ALL FIRE DAMPERS, VOLUME CONTROL DAMPERS AND HEATER BATTERIES, EITHER SIDE OF BENDS & AT LEAST 4m INTERVALS ON DUCT ROUTES.
- ALL FRESH AIR SUPPLY AND EXHAUST DUCTWORK ON MVHR SYSTEMS SHALL BE INSULATED AND VAPOUR SEALED TO MINIMISE THERMAL BRIDGING. ALL SYSTEM SIDE SUPPLY AND EXTRACT DUCTWORK AND OTHER DUCTWORK (e.g. DIRTY EXTRACT) SHALL BE UNINSULATED.
- ALL DUCTWORK SHALL BE IDENTIFIED IN ACCORDANCE WITH BS1710.
- UNLESS STATED OTHERWISE IN THE SPECIFICATION, THE DUCTWORK CONTRACTOR SHALL INSTALL ACCESS DOORS FITTED IN ACCORDANCE WITH HWCA TR19 TABLES 3.4 AND 5. ALL ACCESS DOORS TO BE INSULATED TYPE.
- ALL VENTILATION SYSTEMS SHALL BE TESTED IN ACCORDANCE WITH CIBSE COMMISSIONING CODE A.
- CONTROL OF LANDLORD VENTILATION IS VIA TIME CONTROL FROM THE BMS SYSTEM
- ATTENUATOR AND EXTRACT FAN SIZES SUBJECT TO FINAL SELECTION.
- DESIGN SUBJECT TO COORDINATION EXERCISE.

FOR APPROVAL

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Client	Robertson Construction		
Architect	BBA		
Consultant	Davies Partnership		
Project	Extra Care Home		
Location	Kenmore Drive, Cleckheaton		
Title	MECHANICAL SERVICES Ground Floor - Ventilation Layout Sheet 1 of 3		
Scale:	1:50	Original Size: A0	Date: 24/01/25
Drawn:	DW	Designed: PR	Checked: -
Drawing ref:	CLK-WME-XX-GF-DR-M-57-0001		Revisions:
			P01