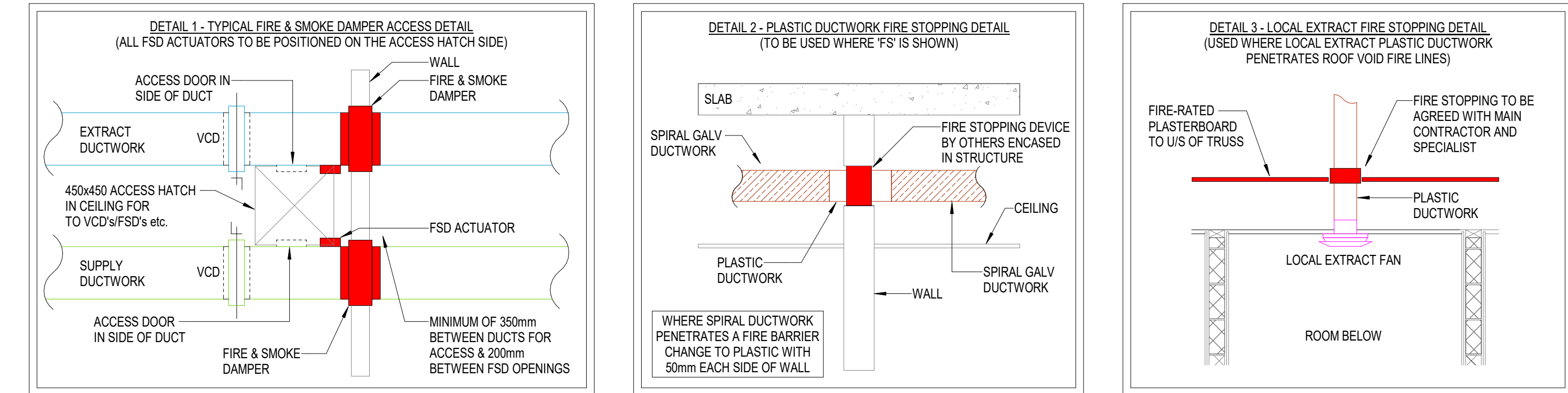




- NOTES:**
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ANY RELEVANT STRUCTURAL, ARCHITECTURAL & CONSULTANTS DRAWINGS/SPECIFICATIONS.
 - THIS DRAWING IS NOT TO BE SCALED.
 - ALL DIMENSIONS STATED IN mm.
 - FSDs/FDs/FW/Fs are PROVIDED WHERE SHOWN ON DRAWINGS & ALSO WHERE DUCTWORK PENETRATES THROUGH FIRE BARRIERS INDICATED ON FIRE STRATEGY DRAWINGS. WHERE FC IS DETAILED A FIRE COLLAR HAS BEEN INSTALLED ON EITHER SIDE OF STUD WALL.
 - THE DUCTWORK INSTALLATION HAS BEEN IN ACCORDANCE WITH DW144 & THE MECHANICAL SERVICES SPECIFICATION.
 - THE DUCTWORK SHALL BE INSULATED IN LINE WITH THE MEP SPECIFICATION.
 - VCDs, FSDs & FDs ARE POSITIONED TO ENSURE ACCESS HATCHES/DUMMAY GRILLES WILL BE IN "BACK OF HOUSE" AREAS WHEREVER POSSIBLE.
 - ALL FIRE & FIRE SMOKE DAMPERS MUST HAVE AN ACCESS DOOR IN DUCTWORK AND FIXED TO STRUCTURE USING NON-COMBUSTIBLE FIXINGS. ALL FSDs AND FSDs ARE TO BE MADE ACCESSIBLE ON SITE.
 - DIRECT EXTRACT DUCTWORK SHALL BE INSTALLED USING PLASTIC INTERNALLY & GALVANISED EXTERNALLY.
 - ALL WEATHERING OF PENETRATIONS THROUGH THE ROOF SHALL BE CONFIRMED & INSTALLED BY MAIN CONTRACTOR.
 - AREAS SERVED VIA LOCAL EXTRACT VENTILATION SHALL BE PROVIDED WITH UNDERCUT DOORS (BY OTHERS) FOR MAKE-UP AIR.
 - ROOMS NOTED AS NATURAL VENTILATION SHALL BE PROVIDED WITH OPENABLE WINDOWS AND BACKGROUND TRICKLE VENTS IN ACCORDANCE WITH AD PART F.
 - GRILLE, FAN AND ACCESS LOCATIONS ARE SHOWN INDICATIVELY. FOR FINAL LOCATIONS & SETTING OUT REFER TO THE ARCHITECT'S 1:20 ROOM LAYOUT DRAWINGS.
- LEGEND:**
- | | |
|-------|---------------------------------|
| AH | ACCESS HATCH |
| AHU | AIR HANDLING UNIT |
| ATT | ATTENUATOR |
| CEF | CEILING EXTRACT FAN |
| CTA | CROSS-TALK ATTENUATOR |
| DE | DIRECT EXTRACT DUCT |
| DG | DUMMAY GRILLE W/ REMOVABLE CORE |
| DTG | DOOR TRANSFER GRILLE |
| E | EXTRACT DUCT |
| EF | EXTRACT FAN |
| EG | EXTRACT GRILLE |
| FD | FIRE DAMPER |
| FS | FIRE STOPPING DEVICE BY OTHERS |
| FSD | FIRE SMOKE DAMPER |
| HRU | HEAT RECOVERY UNIT |
| NV | NATURAL VENTILATION |
| OBD | OPPOSED BLADE DAMPER |
| PEPS | PLANROOM EXTRACT / SUPPLY |
| PC | ROOF CONVEYOR |
| S | SUPPLY DUCT |
| SG | SUPPLY GRILLE |
| TG | AIR TRANSFER GRILLE |
| VAV | VARIABLE AIR VOLUME CONTROLLER |
| VCD | VOLUME CONTROL DAMPER |
| FAPB | FROM ABOVE / FROM BELOW |
| TA/TB | TO ABOVE / TO BELOW |
- FIRE RATED DUCTWORK
--- 60-MIN COMPARTMENT LINE
--- 120-MIN COMPARTMENT LINE
--- 30-MIN CAVITY BARRIER IN VOID

C04	06.11.25	DRAWING UPDATED TO ALIGN WITH ROP LAYOUTS AS CLOUDED	SG
C03	15.10.25	DRAWING UPDATED AS CLOUDED	SG
C02	08.10.25	REVISED AS CLOUDED	SG
C01	19.08.25	UPDATED AS CLOUDED & ISSUED FOR CONSTRUCTION	SG
P02	02.06.25	AMENDED FOR COORDINATION	CP
P01	23.05.25	ISSUED FOR COMMENT	CP
REV	DATE	DETAILS OF REVISION	BY



CLIENT
HORIZON
(BARCHESTER HEALTHCARE LTD)

PROJECT
PROPOSED CARE HOME
TURNERS HILL ROAD
COPTHORNE, WEST SUSSEX

DRAWING TITLE
MECHANICAL SERVICES
FIRST FLOOR
VENTILATION LAYOUT
SHEET 1 OF 3

FOR CONSTRUCTION

Original Size	A0	Scale	1:50	Drawn	CP
HCL Project No.	2537	Suitability	-	Checked	SG
Project	Originator	Volume	Level	Type	Rev
2537	HCL	ZZ	XX	DR	M

KEYPLAN