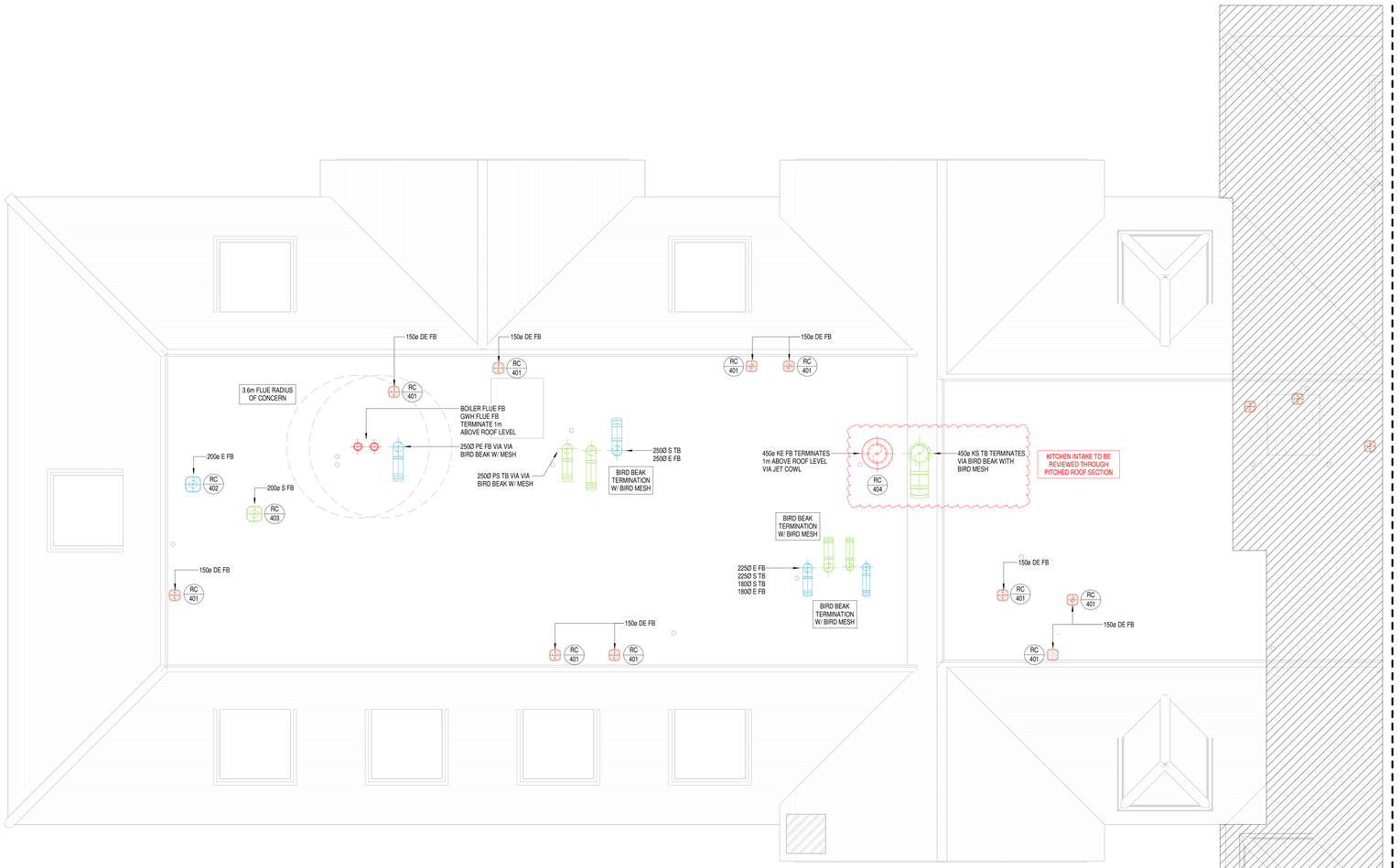


NOTES:

1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ANY REVEVANT STRUCTURAL, ARCHITECTURAL & CONSULTANTS DRAWINGS/SPECIFICATIONS.
2. THIS DRAWING IS NOT TO BE SCALED
3. ALL DIMENSIONS STATED IN mm.
4. FSD's/FD's/FW's/FC's 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.
5. DUCTWORK INSTALLATION HAS BEEN IN ACCORDANCE WITH DW/144 & THE MECHANICAL SERVICES SPECIFICATION.
6. THE FOLLOWING DUCTWORK SYSTEMS ARE INSULATED:
   - HRU INTAKE & EXHAUST DUCTWORK
   - SUPPLY & EXTRACT DUCTWORK OUTSIDE VENTILATED ROOM
   - EXTERNAL SUPPLY/EXTRACT HRU DUCTWORK
7. VCDs, FSDs & FDs ARE POSITIONED TO ENSURE ACCESS HATCHES/DUMMY GRILLES ARE "BACK OF HOUSE" AREAS WHEREVER POSSIBLE.
8. ALL FIRE & FIRE/SMOKE DAMPERS HAVE AN ACCESS DOOR IN DUCTWORK AND FIXED TO STRUCTURE USING NON-COMBUSTABLE FIXINGS. ALL FD'S AND FSD'S ARE ACCESSIBLE ON SITE.
9. DIRTY EXTRACT DUCTWORK HAS BEEN INSTALLED USING PLASTIC INTERNALLY & GALVANISED EXTERNALLY.
10. ALL WEATHERING OF PENETRATIONS THROUGH ROOF HAVE BEEN CONFIRMED & INSTALLED BY MAIN CONTRACTOR.
11. GRILLE & DIFFUSER LOCATIONS SHOWN INDICATIVELY. FOR FINAL LOCATIONS OF GRILLES REFER TO ARCHITECTS ROOM LAYOUT DRAWINGS.

LEGEND:

| | |
|---|---|
| AP | ACCESS PANEL |
| AH | ACCESS HATCH |
| ATT | ATTENUATOR |
| DE | DIRTY EXTRACT DUCT |
| DG | DUMMY GRILLE FOR ACCESS |
| DTG | DOOR TRANSFER GRILLE |
| E | EXTRACT DUCT |
| EF | EXTRACT FAN |
| EG | EXTRACT GRILLE |
| FD | FIRE DAMPER |
| FSD | FIRE-SMOKE DAMPER |
| FW | FIRE WRAP |
| HRU | HEAT RECOVERY UNIT |
| NV | NATURAL VENTILATION |
| PE | PLANTROOM EXTRACT |
| PS | PLANTROOM SUPPLY |
| RC | ROOF COWL |
| S | SUPPLY DUCT |
| SG | SUPPLY GRILLE |
| TEF | TOILET EXTRACT FAN |
| TG | AIR TRANSFER GRILLE |
| VCD | VOLUME CONTROL DAMPER |
| VCD(L) | VCD ACCESSED VIA LIGHT |
| DFA | DOWN FROM ABOVE |
| DTHL | DROP TO HIGH LEVEL |
| DTLL | DOWN TO LOW LEVEL |
| RFB | RISE FROM BELOW |
| RTA | RISE TO ABOVE |

FIRE RATED DUCTWORK

60-MIN COMPARTMENT LINE

KEY PLAN



| REV | DATE | DETAILS OF REVISION | BY |
|---|---|---|---|
| P02 | WIP | AMENDMENTS AS CLOUDED | CC |
| P01 | 22.07.22 | ISSUED FOR COMMENT | CC |

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**CLIENT**
LAWRENCE BAKER
(CINNAMON CARE CAPITAL)

**PROJECT**
PROPOSED CARE HOME
WARREN ROAD
WORTHING

DRAWING TITLE
MECHANICAL SERVICES
ROOF LEVEL
VENTILATION LAYOUT
SHEET 1 OF 2

Issue Status
FOR COMMENT

| Original Size | Scale | Drawn |
|---|---|---|
| A0 | 1:50 | CC |
| HCL Project No. | Suitability | Checked |
| 1777 | - | - |

| Project | Originator | Volume | Level | Type | Role | Number |
|---|---|---|---|---|---|---|
| 1777 - HCL - ZZ - XX - DR - M - 2040 | | | | | | |

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