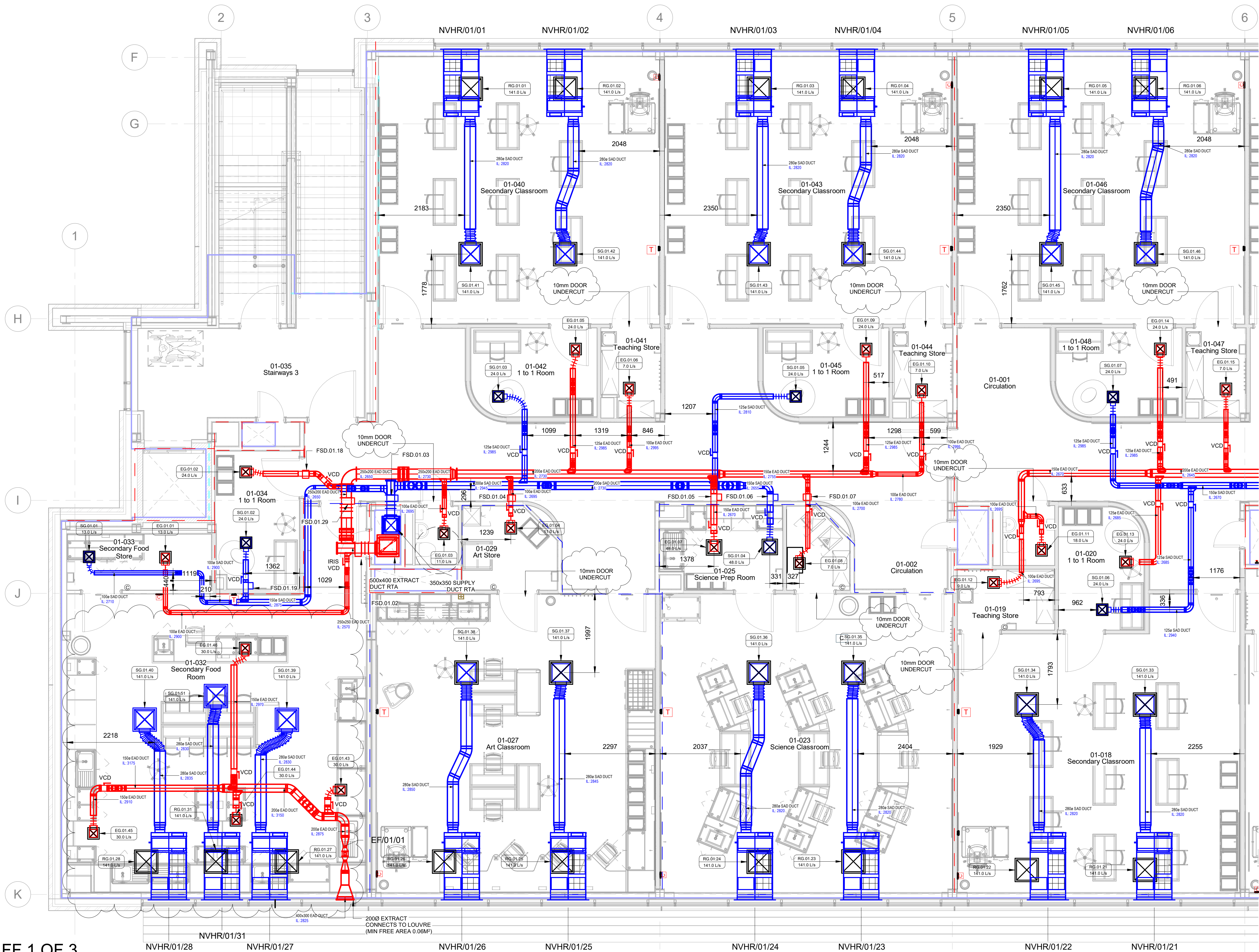
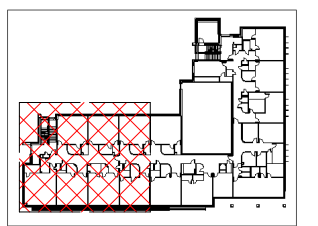




- NOTES:**
1. ALL HEATING AND VENTILATION SYSTEMS AND COMPONENTS INSTALLED, TESTED AND COMMISSIONED IN ACCORDANCE WITH BUILDING REGULATIONS APPROVED DOCUMENTS AND MANUFACTURERS GUIDANCE.
 2. ARRANGEMENT SHOWN ON THE SCHEMATICS TAKES PRECEDENCE OVER ANY ARRANGEMENTS SHOWN ON THE HEATING AND VENTILATION LAYOUT DRAWINGS.
 3. FAN INSTALLATIONS COMPLETE WITH ACCESSORIES, CONTROLS & FITTINGS.
 4. CONTROLS PROVIDED AS MANUFACTURES REQUIREMENTS, TYPICALLY AS INDICATED. POSITIONS ARE CO-ORDINATED WITH THE LIGHT SWITCHES/SENSORS AND ARE INSTALLED IN A PRACTICAL LOCATION, AGREED PRIOR TO INSTALLATION ARCHITECTS SETTING OUT DETAILS PROVIDED.
 5. ALL DUCTWORK INSTALLED SHALL BE GALVANIZED STEEL UNLESS OTHERWISE STATED.
 6. FLEXIBLE DUCTWORK HAS BEEN ALLOWED FOR THE FINAL UNIT CONNECTION TO MAX 500mm TYPICAL.
 7. ALL DUCTING WITHIN UNHEATED SPACE INSULATED. EXHAUST AIR 7. LEGS ARE FULLY INSULATED BACK TO THE UNIT.
 8. HABITABLE ROOMS ARE TO HAVE DOORS UNDERCUT BY 10mm REFER TO SCHEMATIC FOR DETAILS.
 9. CONDENSATE PIPEWORK DRAIN WILL BE IN 22mm AND HAVE A MINIMUM FALL OF 10 DEGREES.
 10. ALL NON FIRE RATED DOORS UNDERCUT TO ALLOW AIR TRANSFER. 10. VOLUME CONTROL DAMPER INTEGRATED ON DIFFUSER PLENUM FOR COMMISSIONING AND CONTROL.
 11. FOR SETTING OUT DRAWINGS AND TYPICAL NVHR CONNECTION DETAILS REFER TO P13332-REN-ZZ-00-D-M-0511, P13332-REN-ZZ-00-D-M-0512, P13332-REN-ZZ-01-D-M-0513, AND P13332-REN-ZZ-01-D-M-0514

- ABBREVIATIONS:**
- | | | |
|------|---|-----------------------|
| FSD | - | FIRE SMOKE DAMPER |
| VCD | - | VOLUME CONTROL DAMPER |
| SG | - | SUPPLY GRILLE |
| EG | - | EXTRACT GRILLE |
| RG | - | RETURN GRILLE |
| EXT | - | EXTRACT AIR DUCT |
| EXH | - | EXHAUST AIR DUCT |
| RTA | - | RISE TO ABOVE |
| DFA | - | DROP FROM BELOW |
| RFB | - | RISE FROM BELOW |
| RTHL | - | RISE TO HIGH LEVEL |
| DTLL | - | DROP TO LOW LEVEL |
| H/L | - | HIGH LEVEL |
| L/L | - | LOW LEVEL |
| TA | - | TO ABOVE |
| FA | - | FROM ABOVE |
| FB | - | FROM BELOW |
| TB | - | TO BELOW |
| CV | - | CEILING VOID |
| ATT | - | ATTENUATOR |

- ABBREVIATIONS:**
- | | | |
|--|---|-------------------------------|
| | - | FIRE STRATEGY 60min INTEGRITY |
| | - | FIRE STRATEGY 30min INTEGRITY |
| | - | EXTRACT DUCT |
| | - | SUPPLY DUCT |
| | - | TEMP/CO2 SENSOR |
| | - | NVHR CONTROLLER |
| | - | ODH CONTROLLER |



FF 1 OF 3
1 : 50

CDM REGULATIONS 2015

1. SIGNIFICANT OR NON-OVIOUS RISKS AND RISKS WHICH ARE DIFFICULT TO MANAGE ARE IDENTIFIED ON THIS DRAWING USING THE FOLLOWING SYMBOL. IDENTIFIED TO THE RIGHT WITH BRIEF ACCOMPANYING TEXT. FOR FURTHER DETAILS OF THE RISKS IDENTIFIED BY DESIGNERS, REFERENCE SHOULD BE MADE TO CDM HAZARD REGISTER.

GENERAL NOTES

- ALL FRONT OF HOUSE AREAS OF THE BUILDING WHERE THERES PUPIL ACCESS OUTLETS MUST BE FLUSH MOUNTED TO THE WALL.
- CABLE TO DROP IN THE WALLS TO FEED FLUSH MOUNTED OUTLETS.
- DISCLAIMER NOTES:
 - THIS DOCUMENT IS COPYRIGHT OF THE ORIGINATOR AND MUST BE TREATED AS CONFIDENTIAL.
 - THIS DOCUMENT MUST NOT BE ALTERED, REPRODUCED OR DISTRIBUTED WITHOUT PRIOR WRITTEN CONSENT OF THE ORIGINATOR.
 - THIS DOCUMENT MUST NOT BE ALTERED - THE ORIGINATORS ACCEPT NO RESPONSIBILITY FOR ANY DISCREPANCIES ARISING AS A RESULT OF THE ORIGINATORS INFORMATION BEING ALTERED BY OTHERS.
 - ANY DISCREPANCY MUST BE REPORTED TO THE ORIGINATOR.
 - DO NOT SCALE THIS DOCUMENT-USE FIGURED DIMENSIONS ONLY.
 - THIS DOCUMENT MUST BE READ IN CONJUNCTION WITH ALL SUPPORTING DOCUMENTS PRODUCED BY THE ORIGINATOR AND OTHER PROJECT DISCIPLINES.
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REV	DESCRIPTION	DATE	BY	CHKD
CO3	CONSTRUCTION ISSUE	08.10.25	AF	JD
CO2	CONSTRUCTION ISSUE	08.09.25	HH	JD
CO1	CONSTRUCTION ISSUE	06.05.25	HT	JD
PO1	PRELIMINARY ISSUE	07.02.25	J.D	J.D

RENTEC

PROJECT
LUMINOUS OAK

SCALE	DATE	DRAWN	CHECKED	DRAWING NO.	REVISION
As indicated @ A1	06.05.25	H.T	J.D	P13332-REN-ZZ-01-D-M-0310	CO3

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DRAWING TITLE
FIRST FLOOR VENTILATION LAYOUT SHEET 1 OF 3