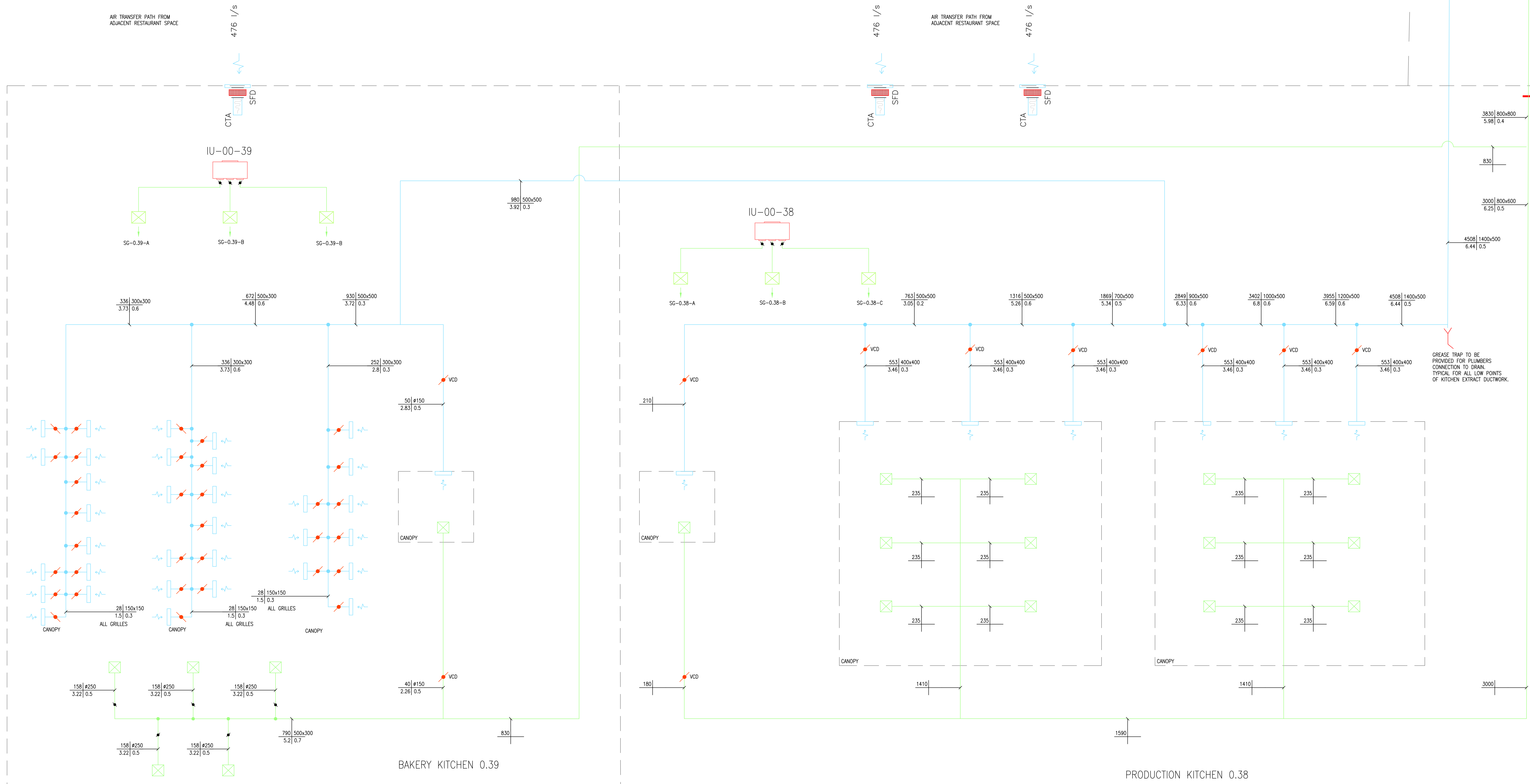
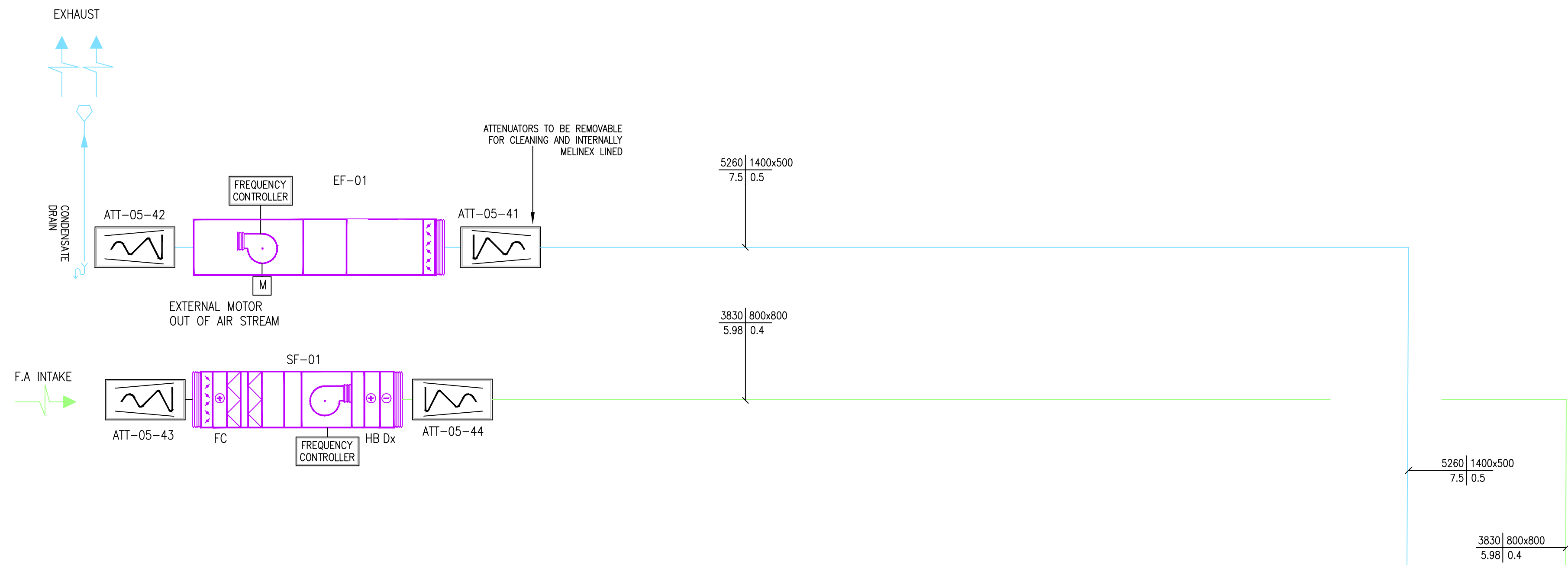


NOTE:
BFES DESIGN IS BASED UPON VISION
COMMERCIAL KITCHEN DRAWING:
CC-VCK-XX-00-DR-Y-4002

ROOF

GROUND FLOOR



- DO NOT SCALE OFF THIS DRAWING
- BUILDING OUTLINE DRAWINGS
- ARCHITECT / CONSULTANT DRAWING No. REV.
- NOTES:
1. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ANY RELEVANT STRUCTURAL, ARCHITECTURAL AND CONSULTANTS DRAWINGS/SPECIFICATIONS.
 2. THIS DRAWING IS SUBJECT TO FULL CO-ORDINATION OF M&E SERVICES.
 3. FDS SHALL NOT BE INSTALLED WITHIN THE KITCHEN EXTRACT SYSTEM. DUCTWORK SHALL BE WRAPPED WITH FIRE RESISTANT MATERIAL AS PER DW172 AND THE FIRE ENGINEERS REPORT.
 4. FDS SHOULD BE PROVIDED ON SUPPLY AIR DUCTWORK WHERE SHOWN ON DRAWINGS, AND ALSO WHERE DUCTWORK PENETRATES THROUGH FIRE COMPARTMENTS.
 5. ALL EXTERNAL SUPPLY AND RETURN AIR DUCTWORK TO BE INSULATED.
 6. HEAVY GAUGE DUCTWORK TRANSITIONS TO BE USED FOR FAN CONNECTIONS.
 7. KITCHEN EXTRACT DUCTWORK SHALL BE CONSTRUCTED OUT OF 18GAUGE (1.2MM THICK) STAINLESS STEEL SHEET METAL.
 8. THE CONSTRUCTION OF KITCHEN EXTRACT DUCTWORK SHALL NOT HAVE CROSS BREAK FOLDS.
 9. ALL DUCTWORK SYSTEMS SHALL BE FULLY ACCESSIBLE FOR INSPECTION, CLEANING & MAINTENANCE. REMOVABLE ACCESS DOORS SHALL BE PROVIDED AS REQUIRED TO ENABLE FULL ACCESS TO EACH ITEM OF DUCTWORK MOUNTED EQUIPMENT. ACCESS DOORS SHALL BE IN ACCORDANCE WITH DW144 + DW172.
 10. FINAL CONNECTION POINTS TO KITCHEN HOODS SHALL BE COORDINATED WITH THE KITCHEN FIT-OUT SPECIALIST.
 11. ALL FANS AND SILENCERS TO BE COMPLETE WITH FLEXIBLE CONNECTIONS AND ANTI-VIBRATION MOUNTINGS.
 12. ACCESS PANELS SHALL BE PROVIDED WHERE FIRE DAMPERS PASS THROUGH A FIRE RATED WALL FOR INSPECTION PURPOSES.
 13. CAPPING IS TO BE USED ON ALL DUCTWORK LOCATED EXTERNAL.
 14. ATTENUATORS ARE TO BE SELECTED AND MANUFACTURED TO SUIT A KITCHEN EXHAUST SYSTEM. MELINEX LINED ATTENUATORS ARE ACCEPTABLE.
 15. GREASE TRAPS ARE TO BE INSTALLED AT ALL LOW POINTS OF KITCHEN EXTRACT DUCTWORK COMPLETE WITH A 25MM CONNECTION TO DRAIN.
 16. KITCHEN EXHAUST VOLUME CONTROL DAMPERS BLADES SHALL BE CONSTRUCTED OUT OF STAINLESS STEEL.
 17. KITCHEN EXTRACT HOODS ARE TO BE PROVIDED BY OTHERS COMPLETE WITH SPIGOT CONNECTIONS.
 18. THE KITCHEN EXTRACT SYSTEM SHALL BE VERTICALLY DISCHARGED COMPLETE WITH A HIGH VELOCITY COWL.

LEGEND	
SYMBOL	DESCRIPTION
	EXTRACT GRILLE
	EXTERNAL EXTRACT FAN
	ATTENUATOR
	EXTRACT DUCTWORK
	VOLUME CONTROL DAMPER

Flow Rate l/s | Duct Size mm
Velocity m/s | Pressure Drop Pa

Rev	Date	Description	Drn	Chkd
C01	04/03/21	UPDATED TO CONSTRUCTION ISSUE	RC	MB
P04	06/01/21	REVISED TO SUIT UPDATED LAYOUTS	SB	MB
P03	25/09/20	FACE COMMENTS ADDRESSED	SB	MB
P02	08/09/20	REVISED AS INDICATED	SB	MB
P01	14/07/20	DESIGN ISSUE	RC	MB

Rev Date Description Drn Chkd

CONSTRUCTION

Client.

WILLMOTT DIXON

Project.

MANCHESTER COLLEGE
CITY CAMPUS

Description.

KITCHEN SUPPLY & EXTRACT
SCHEMATIC EF 01 & SF 01

Scale. NTS

A0

Date. APRIL 20

Drawn By. SB

Checked. MB

DRAWING No. CC-BAF-PH1-ZZ-SC-M-6709

Rev. C01



Briggs & Forrester Engineering Services Ltd
Crimar Court, 5250 Daresbury Park
Daresbury, Warrington WA4 4GE
www.briggsandforrester.co.uk Tel: 01928 798279
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CC-BAF-PH1-ZZ-SC-M-6709 - Mechanical (D) - Schematic (D) - Revision Schedule (D) - BAF-PH1-ZZ-SC-M-6709 - SP01 - 6709 VCK-BAF-PH1-ZZ-SC-M-6709 - EF 01 Kitchen Extract Schematic (D)