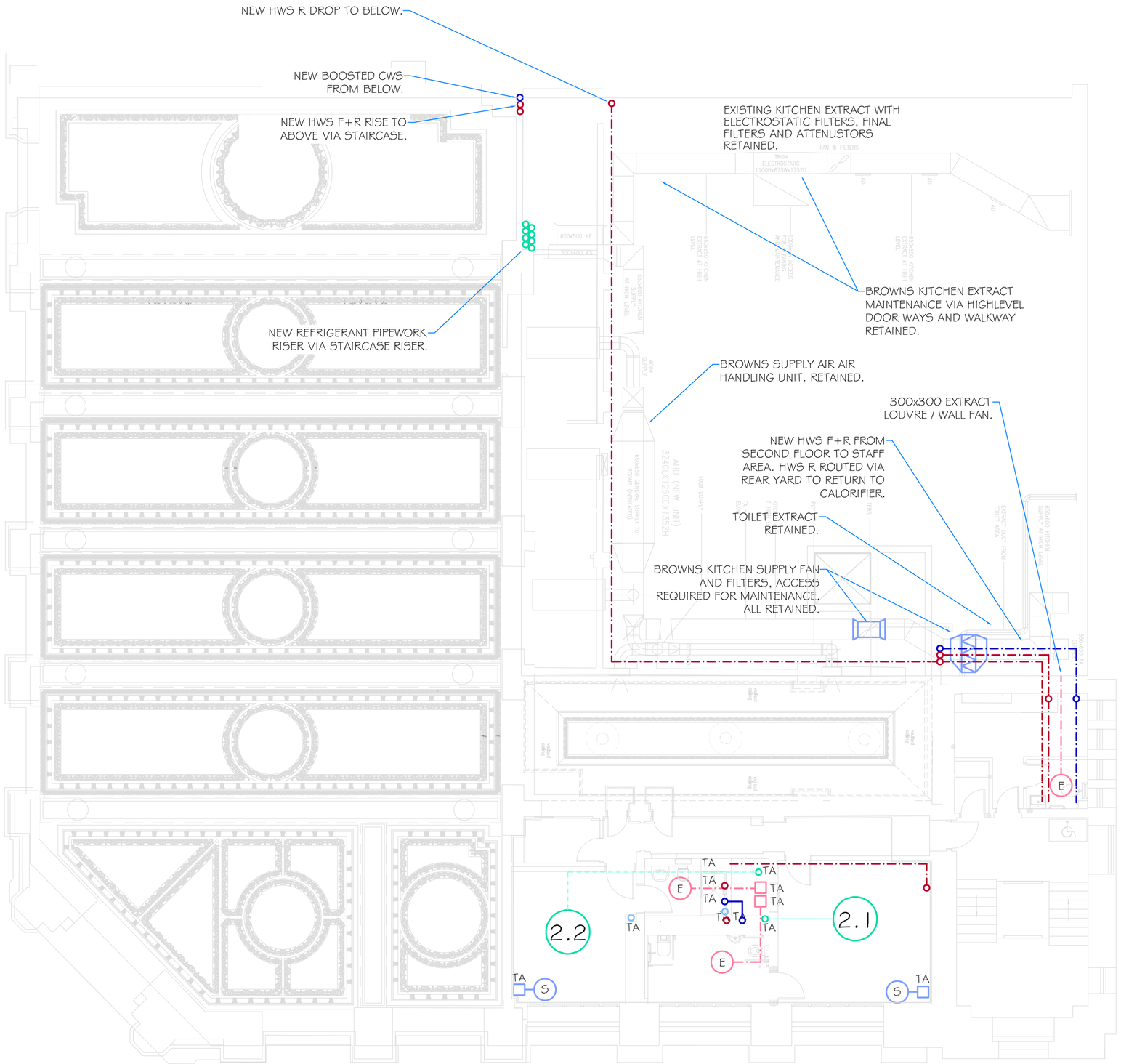
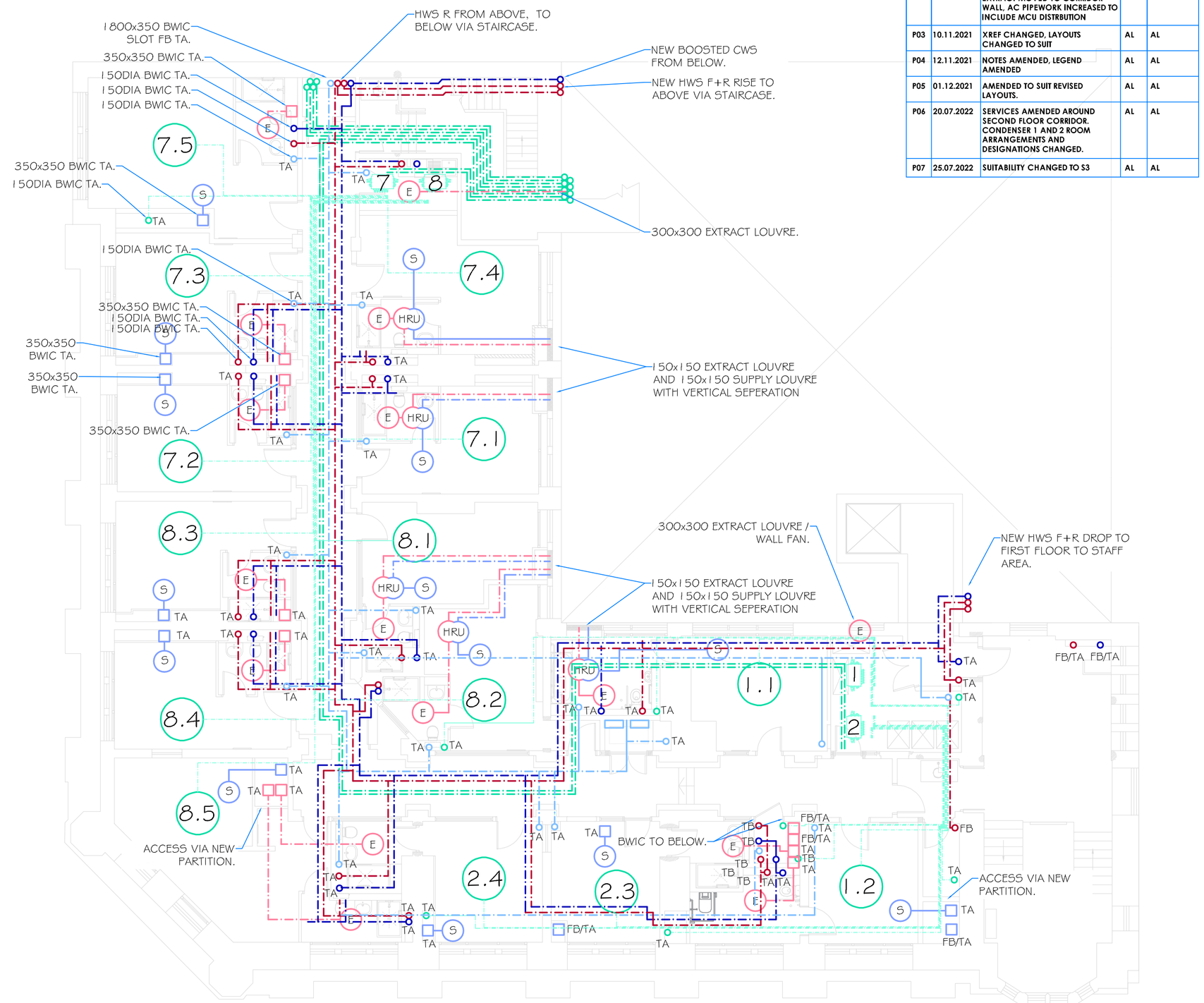
REV	DATE	DESCRIPTION	DRW	Eng
P01	27.10.2021	INITIAL ISSUE	AL	AL
P02	3.11.2021	COLOUR ISSUE. SUPPLY VENTILATION CHANGED. ELECTRICAL ADDED. EXTRACT MOVED TO CORRIDOR WALL. AC PIPEWORK INCREASED TO INCLUDE MCU DISTRIBUTION	AL	AL
P03	10.11.2021	XREF CHANGED. LAYOUTS CHANGED TO SUIT.	AL	AL
P04	12.11.2021	NOTES AMENDED, LEGEND AMENDED	AL	AL
P05	01.12.2021	AMENDED TO SUIT REVISED LAYOUTS.	AL	AL
P06	20.07.2022	SERVICES AMENDED AROUND SECOND FLOOR CORRIDOR. CONDENSER 1 AND 2 ROOM ARRANGEMENTS AND DESIGNATIONS CHANGED.	AL	AL
P07	25.07.2022	SUITABILITY CHANGED TO S3	AL	AL



1:100 FIRST FLOOR

CONCEPT SERVICES;
BOOSTED COLD WATER SERVED FROM SECOND FLOOR.
HOT WATER FLOW FROM SECOND FLOOR.
HOT WATER RETURN FROM LOW LEVEL RISES TO SECOND FLOOR.
AIR CONDITIONING REFRIGERANT PIPEWORK FROM SECOND FLOOR MCU.
CONDENSATE CONNECTED WITHIN ROOM TO LOCAL SVP/RWP WITH TRAPPED CONNECTON.
BATHROOM EXTRACT RISE TO SECOND FLOOR TO ROOF.
BEDROOM SUPPLY AIR FROM SECOND FLOOR FROM ROOF.



1:100 SECOND FLOOR

CONCEPT SERVICES;
BOOSTED COLD WATER SERVED FROM BASEMENT ROUTED VIA STAIRWELL RISER WITH MAIN RUN ALONG CORRIDOR DROPS TO FIRST FLOOR AND RISES TO THIRD FLOOR.
HOT WATER FLOW FROM REAR YARD CALORIFIERS VIA STAIRWELL RISER, SERVES FIRST FLOOR DROPS AND RISES TO THIRD FLOOR.
HOT WATER RETURN FROM FIRST FLOOR ROUTED TO REAR YARD.
AIR CONDITIONING REFRIGERANT PIPEWORK FROM REAR YARD CONDENSORS TO SECOND FLOOR CEILING VOID WITH 4No MCU.SERVES ALL SECOND FLOOR BEDROOMS, FIRST FLOOR BEDROOMS AND A SINGLE THIRD FLOOR BEDROOM.
CONDENSATE CONNECTED WITHIN ROOM TO LOCAL SVP/RWP WITH TRAPPED CONNECTON.
BATHROOM EXTRACT ALONG FRONT FACE TO RISE TO THIRD FLOOR.
BATHROOM EXTRACT ALONG REAR FACE VIA HEAT RECOVERY UNIT (HRU) TO DISCHRAGE VIA LOUVRES.
REPLACEMENT SUPPLY AIR VIA HEAT RECOVERY UNIT (HRU) TO DISCHRAGE VIA LOUVRES WITH VERTICAL SEPERATION FROM EXTRACT.
FIRE DAMPERS AT FLOOR LEVEL WITH ACCESS THROUGH NEW CONSTRUCTION PARTITIONS AND FLOORS.
ELECTRICAL DISTRIBUTION VIA CEILING VOIDS RISERS TO ABOVE.

1.4 AIR CONDITIONING INTERNAL UNIT RECESSED/ SURFACE TBC, 1 =CONDENSER REF . 1 -G=MCU GROUP REF

- 350x350 BWIC EXTRACT VENTILATION
- 350x350 BWIC SUPPLY VENTILATION
- 1 50 DIA BWIC REFRIGERANT PIPEWORK
- 1 50 DIA BWIC COLD WATER PIPEWORK
- 1 50 DIA BWIC HOT WATER PIPEWORK
- 1 50 DIA BWIC ELECTRICAL RISER
- COLD WATER SERVICE (CWS) PIPE
- HOT WATER SERVICE (HWS) PIPE
- REFRIGERANT PIPEWORK (2 PIPES) (AC)
- EXRACT DUCT
- SUPPLY DUCT
- ELECTRICAL TRUNKING / CABLE TRAY / BASKET
- FB FROM BELOW BWIC IN FLOOR
- FA FROM ABOVE BWIC IN CEILING
- TA TO ABOVE BWIC IN CEILING
- TB TO BELOW BWIC IN CEILING

Scale Metres 1 2 3 4 5

Client
MITCHELLS & BUTLERS Plc

Mitchells & Butlers

BMT Project No. / Project Title
B3322 / IKC MANCHESTER

Project Address
INN KEEPERS COLLECTION
1-3 YORK STREET
MANCHESTER

Drawing Title
M&E SERVICES INSTALLATION
SERVICE ALLOCATION FEASABILITY

Job No.	Originator	Zone	Level	Type	Role
B3322	BMT	ZZ	01-02	DR	ME

System Classification	Drawing No.	Suitability	Revision
PM_10_20_30-1002		S3	P07

Drawn	Engineer	Date	Scale	Size
AL	AL	27/10/2021	1:100	A1

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