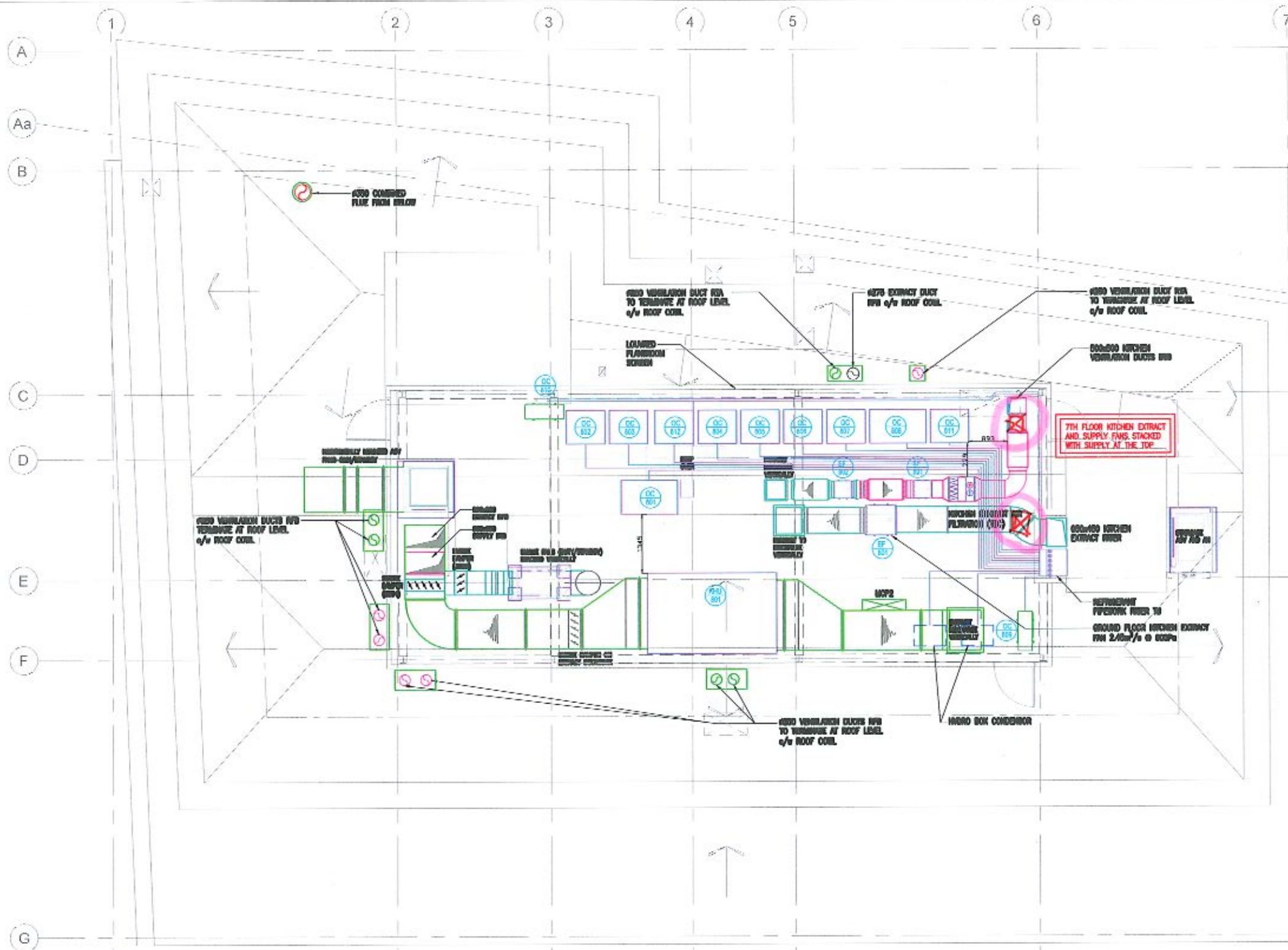


Air Conditioning Schedule

Ref	Unit	Area served	System type	Make	Model
CC001	Heat Pump Outdoor Unit	Skybar	VRF	Samsung	AM100JXV1GR1
CC002	Heat Pump Outdoor Unit	South Floor	VRF	Samsung	AM100JXV1GR1
CC003	Heat Pump Outdoor Unit	Fifth Floor	VRF	Samsung	AM100JXV1GR1
CC004	Heat Pump Outdoor Unit	Fourth Floor	VRF	Samsung	AM100JXV1GR1
CC005	Heat Pump Outdoor Unit	Third Floor	VRF	Samsung	AM100JXV1GR1
CC006	Heat Pump Outdoor Unit	Second Floor	VRF	Samsung	AM100JXV1GR1
CC007	Heat Pump Outdoor Unit	First Floor	VRF	Samsung	AM100JXV1GR1
CC008	Heat Pump Outdoor Unit	Ground / Basement	VRF	Samsung	AM240MXV1GR1
CC009	Heat Pump Outdoor Unit	Common Rooms	Power Inverter	Samsung	AC100KXA1KGA11
CC010	Heat Pump Outdoor Unit	Skybar Kitchen supply air coil	Power Inverter	Samsung	AC100KXA1KGA11
CC011	Heat Pump Outdoor Unit	GF Kitchen supply air coil	Power Inverter	Samsung	AC200JXAPN1VEU
CC012	Heat Pump Outdoor Unit	Kitchen cold room	TBC by kitchen supplier		

Ventilation Schedule

Ref	Unit	Area served	Duty (m³/s)	Make	Model
AI001	Air handling unit	Basement and GI	2.40 @ 450Pa	TBC	TBC
EF001	Extract fan	KF kitchen	2.53 @ 800Pa		
EF002	Extract fan	7th floor kitchen	1.93 @ 450Pa		
SF001	Supply fan	7th floor kitchen	1.94 @ 400Pa		



STATUS AS-INSTALLED

GALLANT

NORTH WEST REGIONAL OFFICE, 110, 100 OLD HALL STREET, LIVERPOOL, L3 9QU
0151 234 5322 info@gallant.co.uk

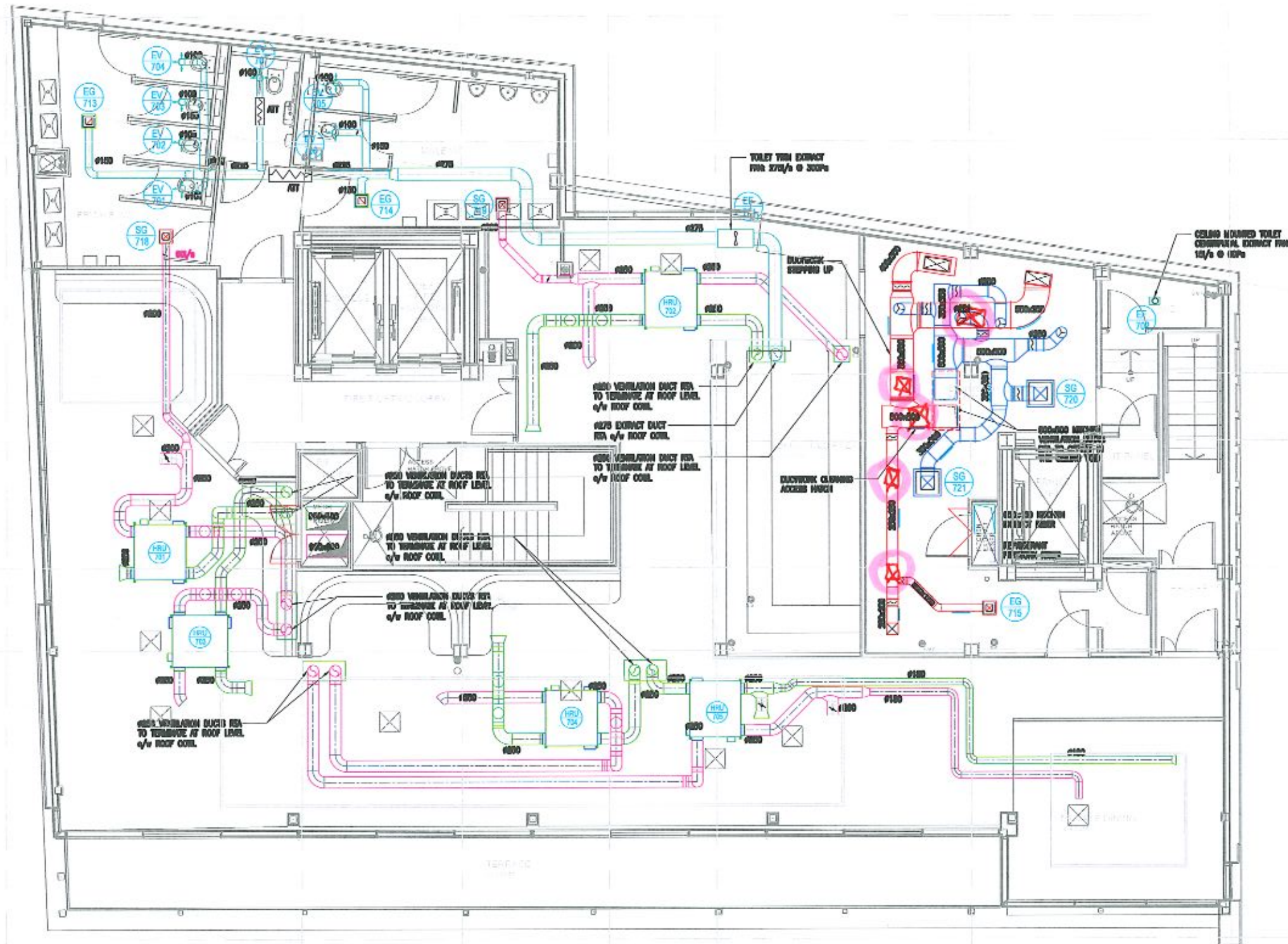
CLIENT GMI CONSTRUCTION GROUP

PROJECT MALMAISON MANCHESTER

TYPE MECHANICAL SERVICES ROOF PLANT LAYOUT

SCALE: 1:50 @ A1 DATE: JULY 2021
DRAWN: MC ENGINEER: MC
CHECKED: APPROVED:

D460-GAL-77-R1-DR-M-5110



- LEGEND**
- SUPPLY DIFFUSER
 - EXTRACT GRILLE
 - EXTRACT VALVE
 - MECHANICAL VENTILATION WITH HEAT RECOVERY UNIT
 - EXTRACT FAN
 - CEILING ACCESS HATCH
 - VOLUME CONTROL DAMPER
 - SMOKE DAMPER

Supply Grille Schedule

Ref	Type	System	Duty	Plenum	Spigot size	Damper
SG/7/16	Square Louvered Face Diffuser	Female WC	60 l/s	Yes	200ø	Yes
SG/7/18	Square Louvered Face Diffuser	Male WC	60 l/s	Yes	200ø	Yes
SG/7/20	Square Louvered Face Diffuser	Kitchen	120 l/s	Yes	300x300	Yes
SG/7/21	Square Louvered Face Diffuser	Kitchen	120 l/s	Yes	300x300	Yes

Extract Grille Schedule

Ref	Type	System	Duty	Plenum	Spigot size	Damper
EG/7/13	Square Louvered Face Diffuser	Female WC	4 l/s	Yes	150ø	Yes
EG/7/14	Square Louvered Face Diffuser	Male WC	5 l/s	Yes	150ø	Yes
EG/7/15	Square Louvered Face Diffuser	Kitchen	120 l/s	Yes	200x150	Yes

Extract Valve Schedule

Ref	Type	System	Duty	Plenum	Spigot size	Damper
EV/7/01	Extract Valve	Female WC	20 l/s	No	125ø	No
EV/7/02	Extract Valve	Female WC	20 l/s	No	125ø	No
EV/7/03	Extract Valve	Female WC	20 l/s	No	125ø	No
EV/7/04	Extract Valve	Female WC	20 l/s	No	125ø	No
EV/7/05	Extract Valve	Male WC	20 l/s	No	125ø	No
EV/7/06	Extract Valve	Male WC	20 l/s	No	125ø	No
EV/7/07	Extract Valve	Accessible WC	16 l/s	No	125ø	No
EV/7/08	Extract Valve	BoH WC	18 l/s	No	125ø	No

Ventilation Schedule

Ref	Type	Supplying	Make	Model	Duty (l/s)
HRU/701	Ceiling Concealed MVHR Unit	Restaurant Area	Mitsubishi Lossnay	GH100RVX-L	F 150 l/s, S 200 l/s
HRU/702	Ceiling Concealed MVHR Unit	Restaurant Area	Mitsubishi Lossnay	GH100RVX-F	F 150 l/s, S 200 l/s
HRU/703	Ceiling Concealed MVHR Unit	Restaurant Area	Mitsubishi Lossnay	GH100RVX-F	F 150 l/s, S 200 l/s
HRU/704	Ceiling Concealed MVHR Unit	Restaurant Area	Mitsubishi Lossnay	GH100RVX-E	F 150 l/s, S 200 l/s
HRU/705	Ceiling Concealed MVHR Unit	Restaurant Area	Mitsubishi Lossnay	GH100RVX-L	F 150 l/s, S 200 l/s
EF/701	Twin Extract Fan	Front of House	Teletra	AVT4	275 l/s @ 300Pa

STATUS AS-INSTALLED

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NORTH WEST REGIONAL OFFICE, 110, OLD HALL STREET, LIVERPOOL, L3 5NS
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CLIENT GMI CONSTRUCTION GROUP

PROJECT MALMAISON MANCHESTER

SUBJECT MECHANICAL SERVICES SEVENTH FLOOR VENTILATION LAYOUT

SCALE: 1:50 @ A1 DATE: JAN 2022
DRAWN: MC ENGINEER: MC
CHECKED: APPROVED:

D160-GAL-ZZ-07-DR-M-5709

