

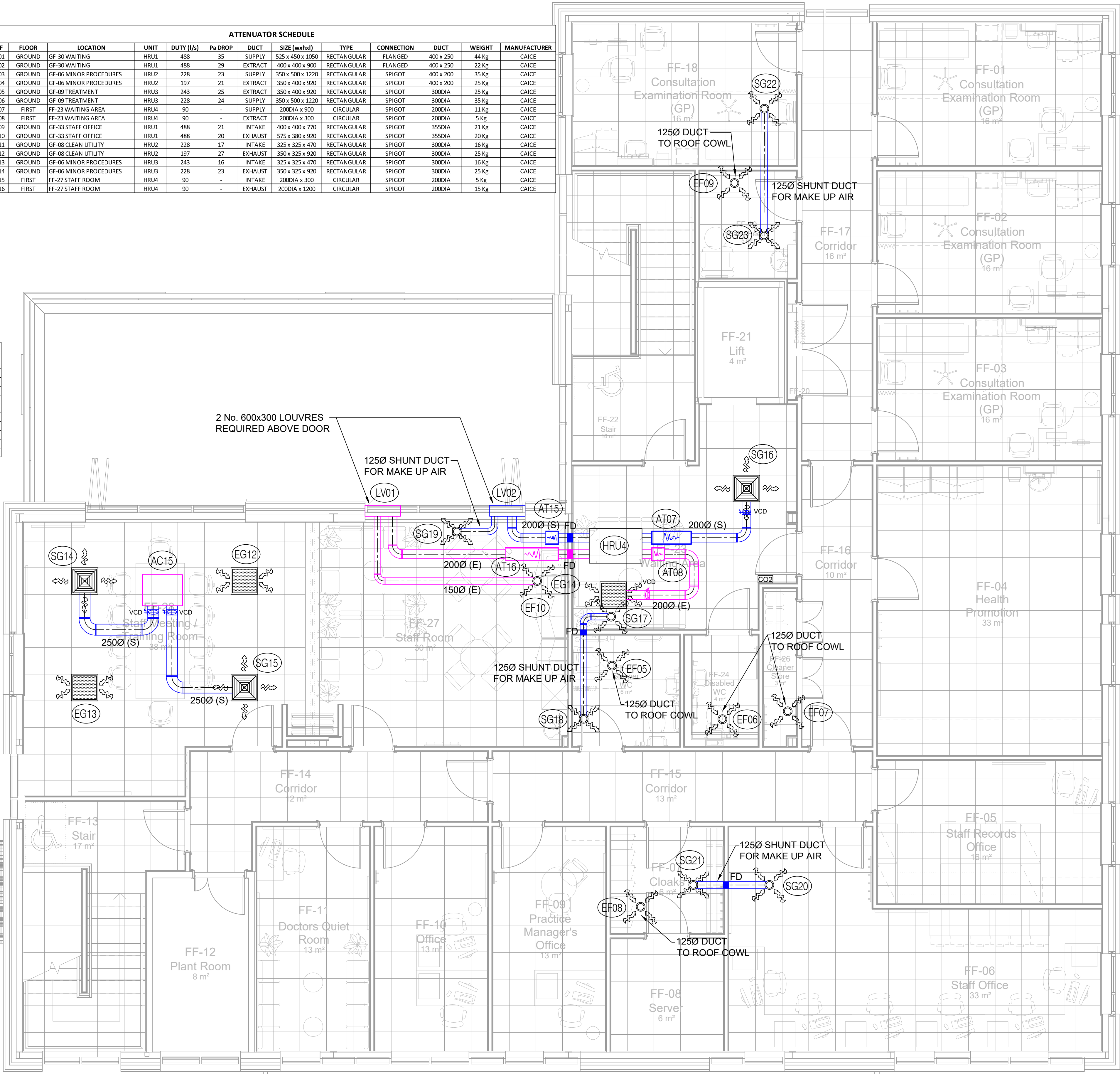
SUPPLY GRILLE SCHEDULE								
REF	FLOOR	LOCATION	DUTY (l/s)	Pa DROP	SIZE	TYPE	SPIGOT	RAL
SG01	GROUND	GF-33 STAFF OFFICE	50	7	595 x 595	4-WAY	150DIA	9010
SG02	GROUND	GF-30 WAITING AREA	146	7	595 x 595	4-WAY	250DIA	9010
SG03	GROUND	GF-30 WAITING AREA	146	7	595 x 595	4-WAY	250DIA	9010
SG04	GROUND	GF-30 WAITING AREA	146	7	595 x 595	4-WAY	250DIA	9010
SG05	GROUND	GF-07 CLEAN UTILITY	35	7	595 x 595	4-WAY	150DIA	9010
SG06	GROUND	GF-08 CLEAN UTILITY	35	7	595 x 595	4-WAY	150DIA	9010
SG07	GROUND	GF-06 MINOR PROCEDURES	114	7	595 x 595	4-WAY	250DIA	9010
SG08	GROUND	GF-06 MINOR PROCEDURES	114	7	595 x 595	4-WAY	250DIA	9010
SG09	GROUND	GF-37 DIRTY UTILITY	22	15	125DIA	AIR VALVE	125DIA	9010
SG10	GROUND	GF-05 RECOVERY	22	15	125DIA	AIR VALVE	125DIA	9010
SG11	GROUND	GF-21 CLEANERS	22	15	125DIA	AIR VALVE	125DIA	9010
SG12	GROUND	GF-19 CHANGING PLACES	22	15	125DIA	AIR VALVE	125DIA	9010
SG13	GROUND	GF-09 TREATMENT / CONSULTATION	173	7	595 x 595	4-WAY	300DIA	9010
SG14	FIRST	FF-28 STAFF MEETING/TRAINING	150	7	595 x 595	4-WAY	250DIA	9010
SG15	FIRST	FF-28 STAFF MEETING/TRAINING	150	7	595 x 595	4-WAY	250DIA	9010
SG16	FIRST	FF-23 WAITING AREA	90	7	595 x 595	4-WAY	200DIA	9010
SG17	FIRST	FF-23 WAITING AREA	17	15	125DIA	AIR VALVE	125DIA	9010
SG18	FIRST	FF-26 CLEANERS	17	15	125DIA	AIR VALVE	125DIA	9010
SG19	FIRST	FF-27 STAFF ROOM	30	15	125DIA	AIR VALVE	125DIA	9010
SG20	FIRST	FF-06 STAFF OFFICE	26	15	125DIA	AIR VALVE	125DIA	9010
SG21	FIRST	FF-07 CLOAKS	26	15	125DIA	AIR VALVE	125DIA	9010
SG22	FIRST	FF-18 CONSULTATION / EXAMINATION	22	15	125DIA	AIR VALVE	125DIA	9010
SG23	FIRST	FF-19 BABY FEED	22	15	125DIA	AIR VALVE	125DIA	9010

EXTRACT GRILLE SCHEDULE								
REF	FLOOR	LOCATION	DUTY (l/s)	Pa DROP	SIZE	TYPE	SPIGOT	RAL
EG01	GROUND	GF-33 STAFF OFFICE	50	7	595 x 595	4-WAY	150DIA	9010
EG02	GROUND	GF-30 - WAITING AREA	146	7	595 x 595	4-WAY	250DIA	9010
EG03	GROUND	GF-30 - WAITING AREA	146	7	595 x 595	4-WAY	250DIA	9010
EG04	GROUND	GF-30 - WAITING AREA	146	7	595 x 595	4-WAY	250DIA	9010
EG05	GROUND	GF-07 CLEAN UTILITY	35	7	595 x 595	4-WAY	150DIA	9010
EG06	GROUND	GF-08 CLEAN UTILITY	35	7	595 x 595	4-WAY	-	9010
EG07	GROUND	GF-05 MINOR PROCEDURES	98	7	595 x 595	4-WAY	-	9010
EG08	GROUND	GF-05 MINOR PROCEDURES	98	7	595 x 595	4-WAY	-	9010
EG09	GROUND	GF-29 WC	13	15	125	AIR VALVE	125DIA	9010
EG10	GROUND	GF-28 DISABLED WC	17	15	125	AIR VALVE	125DIA	9010
EG11	GROUND	GF-32 STAFF WC	13	15	125	AIR VALVE	125DIA	9010
EG12	FIRST	FF-28 STAFF MEETING/TRAINING	175	7	595 x 595	4-WAY	-	9010
EG13	FIRST	FF-28 STAFF MEETING/TRAINING	175	7	595 x 595	4-WAY	-	9010
EG14	FIRST	FF-23 WAITING AREA	90	7	595 x 595	4-WAY	200DIA	9010

EXTRACT FAN SCHEDULE							
REF	FLOOR	LOCATION	DUTY (l/s)	Pa	TYPE	SFP	MODEL
EF01	GROUND	GF-37 DIRTY UTILITY	22	40	CEILING	0.3	CENTRIF DUO PLUS T
EF02	GROUND	GF-37 DIRTY UTILITY	76	75	INLINE	0.2	KV 200 EC
EF03	GROUND	GF-21 CLEANERS STORE	22	45	CEILING	0.3	CENTRIF DUO PLUS T
EF04	GROUND	GF-19 CHANGING PLACES	56	65	CEILING	0.3	CENTRIF DUO PLUS T
EF05	FIRST	FF-25 SHOWER / WC	26	60	CEILING	0.3	CENTRIF DUO PLUS T
EF06	FIRST	FF-24 DISABLED WC	17	50	CEILING	0.3	CENTRIF DUO PLUS T
EF07	FIRST	FF-26 CLEANERS STORE	13	60	CEILING	0.3	CENTRIF DUO PLUS T
EF08	FIRST	FF-07 CLOAKS	26	50	CEILING	0.3	CENTRIF DUO PLUS T
EF09	FIRST	FF-19 BABY FEED	22	50	CEILING	0.3	CENTRIF DUO PLUS T
EF10	FIRST	FF-27 STAFF ROOM	30	50	CEILING	0.3	CENTRIF DUO PLUS T

HEAT RECOVERY UNIT SCHEDULE												
REF	FLOOR	LOCATION	SUPPLY	EXTRACT	Pa	SFP	TYPE	MODEL	DIMENSIONS	MANUFACTURER	WEIGHT	CONTROLS
HRU01	GROUND	GF-33 STAFF OFFICE	488	488	200	1.8	VOID MOUNTED	TOPVEX FROBEL-R-CAV	2000 x 1600 x 640	SYSTEMAIR	278 Kg	CO2
HRU02	GROUND	GF-09 TREATMENT/CONSULTATION	228	197	250	1.2	VOID MOUNTED	VSC1500	1700 x 1270 x 390	SYSTEMAIR	170 Kg	PIR
HRU03	GROUND	GF-06 MINOR PROCEDURES	243	220	200	1.6	VOID MOUNTED	VSC1500	1700 x 1270 x 390	SYSTEMAIR	170 Kg	PIR
HRU04	FIRST	FF-23 WAITING AREA	90	90	150	1.5	VOID MOUNTED	VSC400	1190 x 780 x 310	SYSTEMAIR	75 Kg	CO2

ATTENUATOR SCHEDULE											
REF	FLOOR	LOCATION	UNIT	DUTY (l/s)	Pa DROP	DUCT	SIZE (width)	TYPE	CONNECTION	DUCT	WEIGHT
AT01	GROUND	GF-30 WAITING	HRU1	488	35	SUPPLY	525 x 450 x 1050	RECTANGULAR	FLANGED	400 x 250	44 Kg
AT02	GROUND	GF-30 WAITING	HRU1	488	29	EXTRACT	400 x 400 x 900	RECTANGULAR	FLANGED	400 x 250	22 Kg
AT03	GROUND	GF-06 MINOR PROCEDURES	HRU2	228	23	SUPPLY	350 x 500 x 1220	RECTANGULAR	SPIGOT	400 x 200	35 Kg
AT04	GROUND	GF-06 MINOR PROCEDURES	HRU2	197	21	EXTRACT	350 x 400 x 920	RECTANGULAR	SPIGOT	400 x 200	25 Kg
AT05	GROUND	GF-09 TREATMENT	HRU3	243	25	EXTRACT	350 x 400 x 920	RECTANGULAR	SPIGOT	300DIA	25 Kg
AT06	GROUND	GF-09 TREATMENT	HRU3	228	24	SUPPLY	350 x 500 x 1220	RECTANGULAR	SPIGOT	300DIA	35 Kg
AT07	FIRST	FF-23 WAITING AREA	HRU4	90	-	SUPPLY	200DIA x 900	CIRCULAR	SPIGOT	200DIA	11 Kg
AT08	FIRST	FF-23 WAITING AREA	HRU4	90	-	EXTRACT	200DIA x 300	CIRCULAR	SPIGOT	200DIA	5 Kg
AT09	GROUND	GF-33 STAFF OFFICE	HRU1	488	21	INTAKE	400 x 400 x 770	RECTANGULAR	SPIGOT	355DIA	21 Kg
AT10	GROUND	GF-33 STAFF OFFICE	HRU1	488	20	EXHAUST	575 x 380 x 920	RECTANGULAR	SPIGOT	355DIA	20 Kg
AT11	GROUND	GF-08 CLEAN UTILITY	HRU2	228	17	INTAKE	325 x 325 x 470	RECTANGULAR	SPIGOT	300DIA	16 Kg
AT12	GROUND	GF-08 CLEAN UTILITY	HRU2	197	17	EXHAUST	350 x 325 x 920	RECTANGULAR	SPIGOT	300DIA	25 Kg
AT13	GROUND	GF-06 MINOR PROCEDURES	HRU3	243	16	INTAKE	325 x 325 x 470	RECTANGULAR	SPIGOT	300DIA	16 Kg
AT14	GROUND	GF-06 MINOR PROCEDURES	HRU3	228	23	EXHAUST	350 x 325 x 920	RECTANGULAR	SPIGOT	300DIA	25 Kg
AT15	FIRST	FF-27 STAFF ROOM	HRU4	90	-	INTAKE	200DIA x 300	CIRCULAR	SPIGOT	200DIA	5 Kg
AT16	FIRST	FF-27 STAFF ROOM	HRU4	90	-	EXHAUST	200DIA x 1200	CIRCULAR	SPIGOT	200DIA	15 Kg





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- NOTES
- ALL DUCTWORK IS MANUFACTURED TO DW/144
 - ACCESS DOORS COMPLY WITH DW/144 & TR19
 - ALL TAPERS ARE EQUAL UNLESS OTHERWISE STATED
 - ALL UNSPECIFIED BENDS ARE EITHER 90° OR 45°
 - ACCESS DOORS ARE PROVIDED ADJACENT TO FIRE DAMPERS
 - VCD's TO BE PROVIDED AT ALL FINAL RUN OUTS TO GRILLES.
 - ALL HEAT RECOVERY DUCTWORK IS TO BE THERMALLY INSULATED.
 - FIRE DAMPERS ARE INSTALLED THROUGH ANY FIRE WALLS AND FLOOR SLABS

ABBREVIATIONS

- (E) EXTRACT
(S) SUPPLY
FD FIRE DAMPER
AD ACCESS DOOR
ATT ATTENUATOR
CO2 CO2 SENSOR

03	Revised to include additional attenuation to atmospheric side of heat recovery units	JS	DWS	04.06.24
02	Revised to suit latest Architects GA Drawing 151236-JTP-01-01-DR-A-1008_C06	JS	DWS	24.05.24
01	Revised to suit latest Architects GAS, and CPW Comments, Construction Issue Drawing	JS	DWS	12.04.24
REV NO.	CONTENTS	DRAWN BY	APPROVED BY	DATE
REVISION NOTES ▲				
CUSTOMER				
GF TOMLINSON				
PROJECT				
BARWELL MEDICAL CENTRE				
DRAWING STATUS				
CONSTRUCTION				
DRAWING TITLE				
FIRST FLOOR VENTILATION LAYOUT				
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