

EXISTING GRILLE / DEFFUSER SCHEDULE (TO BE RETAINED)										
REF	LOCATION	THROW m	AIR VOLUME l/s	NOMINAL SIZE mm	NC LEVEL	RESIST. Pa	PLENUM TYPE SIZE	MODEL TYPE/REFERENCE	COLOUR	COMMENTS/NOTES
SD 1	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 2	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 3	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 4	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 5	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 6	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 7	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 8	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 9	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 10	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 11	Main Pool West Side	5	298	2000 X 75	40	60	-	F/15/6/2000 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 12	Learner Pool South Side	4.8	212	1500 X 75	38	60	-	F/15/6/1500 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 13	Learner Pool South Side	4.8	212	1500 X 75	38	60	-	F/15/6/1500 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 14	Learner Pool South Side	4.8	212	1500 X 75	38	60	-	F/15/6/1500 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 15	Learner Pool South Side	4.8	212	1500 X 75	38	60	-	F/15/6/1500 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 16	Learner Pool South Side	4.8	212	1500 X 75	38	60	-	F/15/6/1500 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 17	Learner Pool South Side	4.8	212	1500 X 75	38	60	-	F/15/6/1500 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 18	Learner Pool South Side	4.8	212	1500 X 75	38	60	-	F/15/6/1500 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 19	Learner Pool South Side	4.8	212	1500 X 75	38	60	-	F/15/6/1500 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 20	Learner Pool South Side	4.8	212	1500 X 75	38	60	-	F/15/6/1500 X 75/00	RAL 9010 WHITE	NYLON COATED
SD 21	Fun Pool	8	355	2000 X 100	40	50	-	F/15/6/2000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 22	Fun Pool	8	177	1000 X 100	40	50	-	F/15/6/1000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 23	Fun Pool	8	177	1000 X 100	40	50	-	F/15/6/1000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 24	Fun Pool	8	355	2000 X 100	40	50	-	F/15/6/2000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 25	Fun Pool	8	355	2000 X 100	40	50	-	F/15/6/2000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 26	Fun Pool	8	355	2000 X 100	40	50	-	F/15/6/2000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 27	Fun Pool	8	177	1000 X 100	40	50	-	F/15/6/1000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 28	Fun Pool	8	177	1000 X 100	40	50	-	F/15/6/1000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 29	Fun Pool	8	177	1000 X 100	40	50	-	F/15/6/1000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 30	Fun Pool	8	177	1000 X 100	40	50	-	F/15/6/1000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 31	Fun Pool	8	177	1000 X 100	40	50	-	F/15/6/1000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 32	Fun Pool	8	177	1000 X 100	40	50	-	F/15/6/1000 X 100/00	RAL 9010 WHITE	NYLON COATED
SD 33	Fun Pool	8	355	2000 X 100	40	50	-	F/15/6/2000 X 100/00	RAL 9010 WHITE	NYLON COATED
EG 80	Return Air Grille	N/A	8264	2500 X 2500	40	TBC	-	Eggcrate Grille	RAL 9010 WHITE	NYLON COATED
EG 81	Return Air Grille	N/A	8264	2500 X 2500	40	TBC	-	Eggcrate Grille	RAL 9010 WHITE	NYLON COATED
EG 82	Return Air Grille	N/A	8264	2500 X 2500	40	TBC	-	Eggcrate Grille	RAL 9010 WHITE	NYLON COATED

EXISTING ATTENUATOR SCHEDULE (TO BE RETAINED)									
Ref.	Location	Length mm	Width mm	Height mm	Air Volume (cu. metres/sec)	Pressure Drop (N/sq metre)	Manufacturer	Model Type/Reference	
ATT 10-1	Fresh Air Intake	2100	1200	1400	6.380	40(P/B)	JC Acoustics Ltd	RS7GP	
ATT 10-2	Exhaust	1800	1200	1400	6.380	40(B/P)	JC Acoustics Ltd	RS6GP (SPL)	
ATT 10-3	Supply Air Primary	1800	1200	1400	9.720	50(B/B)	JC Acoustics Ltd	RS6GP (SPL)	
ATT 10-4	Return Air	2400	2300	2500	8.264	50(P/B)	JC Acoustics Ltd	RS5CTP (SPL)	
ATT 10-5	Supply Air Secondary	800	800	800	3.464	30	JC Acoustics Ltd	MCPS-10	
ATT 10-6	Supply Air Secondary	800	800	800	3.464	30	JC Acoustics Ltd	MCPS-10	
ATT 11-1	Fresh Air Intake	2100	1200	1400	6.380	40(P/B)	JC Acoustics Ltd	RS7GP	
ATT 11-2	Exhaust	1800	1200	1400	6.380	40(B/P)	JC Acoustics Ltd	RS6GP (SPL)	
ATT 11-3	Supply Air Primary	1800	1200	1400	9.720	50(B/B)	JC Acoustics Ltd	RS6GP (SPL)	
ATT 11-4	Return Air	2400	2300	2500	8.264	50(P/B)	JC Acoustics Ltd	RS5CTP (SPL)	
ATT 11-5	Supply Air Secondary	800	800	800	3.464	30	JC Acoustics Ltd	MCPS-10	
ATT 11-6	Supply Air Secondary	800	800	800	3.464	30	JC Acoustics Ltd	MCPS-10	
ATT 12-1	Fresh Air Intake	2100	1200	1400	6.380	40(P/B)	JC Acoustics Ltd	RS7GP	
ATT 12-2	Exhaust	1800	1200	1400	6.380	40(B/P)	JC Acoustics Ltd	RS6GP (SPL)	
ATT 12-3	Supply Air Primary	1800	1200	1400	9.720	50(B/B)	JC Acoustics Ltd	RS6GP (SPL)	
ATT 12-4	Return Air	2400	2300	2500	8.264	50(P/B)	JC Acoustics Ltd	RS5CTP (SPL)	
ATT 12-5	Supply Air Secondary	800	800	800	3.464	30	JC Acoustics Ltd	MCPS-10	
ATT 12-6	Supply Air Secondary	800	800	800	3.464	30	JC Acoustics Ltd	MCPS-10	

**RE-COMMISSIONING OF THE POOL HALL**

Following 3 off Calorex units re-commissioning by the specialists the contractor shall allow for existing AHU 3 (wet change village) (record drawing ref: 106-M-003-A1) & AHU 7 (spectator fresh air) (record drawing ref: 106-M-007-A1) units to be re-balanced & achieve flow rates shall be provided to the Contract Administrator.

Re-commissioning of the AHU's shall be allowed within costs to provide evidence that design flow rates indicated to the Pool Hall area is under slight negative pressure to prevent chlorinated atmosphere escaping to other areas of the building & resulting in corrosion to the building fabric.

Vertical Linear Diffusers In Ground Floor  
Builders Work Duct Around West  
Perimeter Of Pool Hall To Provide  
Up-Wash To External Glazing.

Vertical Linear Diffusers In Ground Floor  
Builders Work Duct Around South  
Perimeter Of Pool Hall To Provide  
Up-Wash To External Glazing.

Vertical Linear Diffusers In Ground Floor  
Builders Work Duct Around Perimeter Of  
Fun Pool To Provide Up-Wash To  
Observation Gallery

- NOTES**
- 1.00 Mechanical Contractor shall carry out full ventilation commissioning of the units that are servicing the Pool Hall & provide full commissioning information. The Pool Hall shall be kept within the negative pressure.
  - 2.00 This drawing is adapted from site as installed drawings & all equipment & ductwork within the areas shall be retained unless stated otherwise. The purpose of the issue is to allow for re-commissioning of the units within the Pool Hall area.
  - 3.00 This drawing to be read in conjunction with the mechanical installation specification.

P01	Tender Issue	I.D.	A.G.	O.T.
Rev.	Details	22-11-19	22-11-19	22-11-19
		Author & Date	Checked & Date	Approved & Date
<div>KIER</div>				
Issuing Office		Tel. no.		
SANDY		07989 532456		
email				
ozlem.thomson@kier.co.uk				
Internal Project Number				
10005163				
Client				
Corby Borough Council				
Project name				
Corby International Swimming Pool				
Drawing Title				
Existing Ventilation Schematic				
Air Handling Unit No's 10 to 12				
Scale	Original Size	RIBA Stage		
N.T.S.	A1	Stage A4		
Date of First Issue	Author	Checked	Approved	
November 2019	I.D.	A.K.	O.T.	
Drawing Number				
23700-KBS-01-00-DR-M-6601				
				Status
				D2
				Rev.
Project   Originator   Volume   Type   Role   Number				P01