

KEY - FOL	JL ABOVE-GROUND DRAINAGE	KEY – PIF	PED SERVICES	KEY – VE	NTILATION
SVP/X	SOIL VENT PIPE REFERENCE X		COLD WATER (POTABLE)	F/X	FAN REFERENCE X
SS/X	STUB STACK REFERENCE X		HOT WATER (DHW)	ATT/X	ATTENUATOR REFERENCE X
+	FOUL DRAINAGE		HOT WATER RETURN	EG/X	EXTRACT GRILLE/DIFFUSER REFEREN
	SOIL VENT PIPE OR STUB STACK	\rightarrow	COLD WATER TAP OR CONNECTION	TER/X	INTAKE/EXHAUST TERMINAL REFEREN
=	RODDING EYE	\rightarrow	MIXER TAP	+	EXTRACT DUCTWORK
С	WC CONNECTION	-	HOT WATER TAP OR CONNECTION		FIRE RATED DUCTWORK
\$	WASH-HAND BASIN OR SINK CONNECTION				CONTROL
₽	FLOOR GULLEY				CEILING EXTRACT GRILLE/DIFFUSER
KEY - DRY	(RISER			K	WALL EXTRACT GRILLE/DIFFUSER
DRY/1	RISER REFERENCE X			$\mathbf{k}_{n}^{\mathcal{N}}$	WALL EXTRACT GRILLE/DIFFUSER
	DRY RISER			A	WINDOW ACTUATOR
				B	BLIND MOTOR

SG/1	WATERLOO RWK	RWK/125		36 2		Ø	Ø125		x380		
EG/1	EG/1 WATERLOO RWK		15	15		6 Ø10		Ø190>	(67.5		
EG/2	EG/2 WATERLOO		15	15		5 Ø10		1000X	56X82	SUPPLY WITH M	
TER/1	NICHOLSON AIRTRAK	LV15	VARIES		VARIES		125	Ø220	x170	SUP	
FAN SCHEDULE											
				-		FAN SC					
REF	MAKE/RANGE	MODEL	DUTY (L/S)	PRE	ERNAL SSURE)P (PA)	MOTOR	FAN	ECIFIC POWER (L/S))	DIMENSONS WxHxL/D (MM)	CONTROL	
F/1	VENTAXIA ACM	ACM200	155		90	110W,230V	0.	700	223X242X300	SUPPLY WITH 1.5AMP EL CONTROLLER, IN SERIES V THERMOSTAT	
F/2	VENTAXIA SLP	SLP100EC	15		25	165W,230V	0.	300	310X192X456	INTEGRAL, ON WITH LIGHT S OVERRUN	
F /0							10 5	10			

HOT AND COLD WATER EQUIPMENT									
REF	MAKE/RANGE	MODEL	CAPACITY (L)	RATING	HEAT-UP TIME (MIN)	DIMENSIONS (WXHXD/L MM)	FINISH/ CONSTRUCTION	MOUNTING	CONNECTIONS
HW/C/1	ZIP INLINE	ES6	0.200	6KW, 230V	0	186X135X87	WHITE PLASTIC	WALL	1/2" BSP

HR/1500 AT MEZZANINE LEVEL ABOVE, CONNECTED IN SERIES

KEY -	- HEATING	NOTES
H/R/N/X	NEW RADIATOR REFERENCE X	1. DO NOT SCALE
H/R/E/X	EXISTING RADIATOR REFERENCE X	2. TO BE READ IN CONJUNCTION WITH ALL OTHER LAURENCE OWEN LTD AND DESIGN TEAM PROJECT
H/UFH/X	UNDERFLOOR HEATING MANIFOLD X	DOCUMENTS ISSUED 3. FINAL SETTING OUT BY ARCHITECT
H/UFH/X	/Y UNDERFLOOR HEATING ZONE Y SERVED FROM MANIFOLD X	 4. IF IN DOUBT ASK 5. DESIGN OF FIRE ALARM SYSTEM BY SPECIALIST
r+1	RADIATOR	INSTALLER - EQUIPMENT SHOWN INDICATIVE ONLY
		ESCAPE SIGNS ARE PRESENT, CIRCUITS MUST BE RUN
	FLOW PIPEWORK	WITH AN UNSWITCHED LIVE IN ADDITION TO THE SWITCHED LIVE, LIKEWISE PHASE-PULSE CONTROLLED
	RETURN PIPEWORK	LIGHTS
	SINGLE PIPE SYSTEM PIPEWORK	
	EXISTING PIPEWORK	KEY – PIPEWORK
	FLUE	
	TEMPERATURE SENSOR	
\Box	THERMOSTAT	PIPEWORK AT LOW LEVEL
		PIPEWORK AT LOW LEVEL (HIDDEN)
_		
G	CONNECTIONS	
	NKING VALVE, BRASS BLEED VALVE	FIFEWORK RISE
BOTTOM; V	VINDSOR TRV, WINDSOR LOCKSHIELD	
	AS R/0/1	-
	AS R/0/1	
		-
	AS R/0/1	-
		-
IOTES & ACCESS	SORIES	
RAL 9010 MA	λΠ	
RAL 9010 MA		-
H MATCHING TO	P-ENTRY PLENUM	
UPPLY WITHOU	T MESH	
	-]
	NOTES & ACCESSORIES	
ELECTRONIC S WITH ROOM	MOUNT CONTROLLER ON CEILING NEXT TO FAN	
AT		
T SWITCH, 15MIN I	N	ABBREVIATIONS
		H/L, L/L HIGH LEVEL, LOW LEVEL F/A, F/B FROM ABOVE, FROM BELOW
		T/A, T/B TO ABOVE, TO BELOW FA/TB FROM ABOVE TO BELOW
		FB/TA FROM BELOW TO ABOVE
5	ACCESSORIES	
NONE		
NONE		P1 2020-11-09 STAGE 3 FOR COSTING
		P2 2020-11-15 STAGE 3
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	Ф Т/0/4	
		FOR INFORMATION
		CLIENT EXETER COLLEGE, OXFORD
		EXETER COLLEGE, OXFORD
		ARCHITECT
R/0,	79	NEX ARCHITECTURE
		PROJECT NAME
		THE LIBRARY RENEWED
/		
/		
/		COMBINED MECHANICAL LAYOUT GROUND FLOOR
/		
		PROJECT DRAWING NAME REV FIRST DRAWN SCALE AT A1 P111 T[90]100 P2 2020-11 1:50
/		Building Somices -
		Building Services Engineering & LAURENCE
		Environmental Design OWEN

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