



PROJECT	Nike Manchester
PROJECT NUMBER	70081370
ISSUE	Stage 4
CHECKED	RS
DATE	01/03/2023
REVISION	T02
SCHEDULE REFERENCE	NRM-WSP-XX-XX-SH-M-500105

COMMENTS	Attenuators SCHEDULE

Filename

CONTENTS OF SPREADSHEET

Sheet 1	COVER
Sheet 2	ATTENUATOR SCHEDULE

AUTHORISATION OF LATEST VERSION

Type and method of check		
Signatures & dates:	By	R.STEVENS
	Checked	D.Bottrill
	Signed	

REVISIONS					Current Revision	T02
Rev.	Date	By	Checked	Signed	Description	
T01	16/12/22	R.STEVENS	D.BOTTRILL		Stage 3	
T02	01/03/23	R.STEVENS	D.BOTTRILL		Stage 4	

Mechanical schedules

Schedule title	Attenuators Schedule	Issue	Stage 4
Schedule ref	NRM-WSP-XX-XX-SH-M-500105	Revision	T02
Project title	Nike Manchester	Date	01/03/2023
Project no	70081370	Sheet	1 of 1
Specification references		Checked	RS

Ref	System	Model/ Type	Air flow m³/s	Press drop Pa	Nominal dimensions				Dynamic insertion loss (Hz)								Requirements
					length mm	width mm	height mm	dia mm	63	125	250	500	1k	2k	4k	8k	
ATT/00/01	TEF/00/01 Extract duct	SL	0.08	<30	600	280	205		2	6	10	18	28	23	20	12	
ATT/00/02	TEF/00/01 Extract duct	SL	0.08	<30	900	280	205		3	8	14	27	39	33	29	18	
ATT/00/03	AHU/01 Intake duct	SL	1.7	<30	1200	700	450		7	12	20	28	35	28	23	14	
ATT/00/04	AHU/01 Exhaust duct	SL	1.5	<30	1200	700	450		7	12	20	28	35	28	23	14	
ATT/00/05	AHU/01 Supply duct	SL	1.5	<30	1200	700	450		8	16	27	38	44	37	31	19	
ATT/00/06	AHU/01 Extract duct	SL	1.5	<30	1200	700	450		8	16	27	38	44	37	31	19	

- Notes**
- 1 This schedule shall be read in-conjunction with the specification and drawings
 - 2 All attenuator dimensions are nominal, with sizing to be confirmed by the manufacturer to meet the insertion loss specified by the acoustic engineer at the maximum pressure drop specified by the mechanical engineer.
 - 3 Attenuators that form part of a fire rated system shall meet fire rating requirement