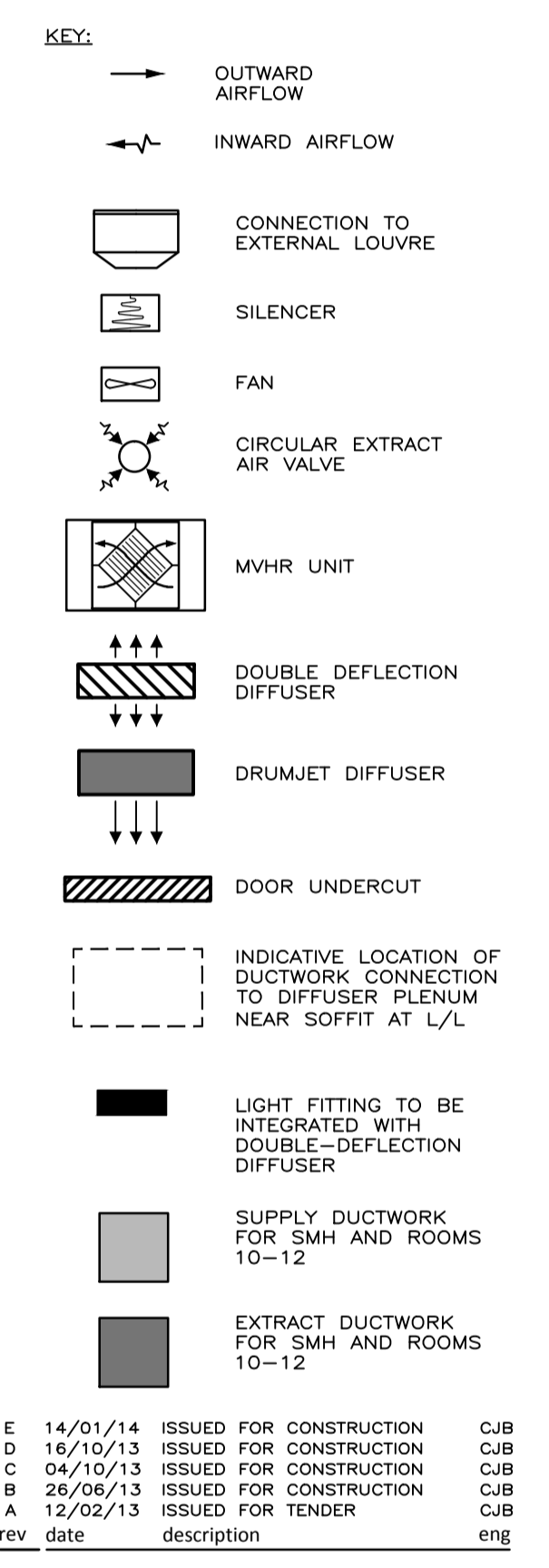


- GENERAL NOTES:**
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH:
 - ALL OTHER MAX FORDHAM LLP DRAWINGS, SCHEDULES AND SPECIFICATIONS
 - JOHN McASLAN + PARTNERS ARCHITECTURAL INFORMATION
 - WALSH ASSOCIATES STRUCTURAL INFORMATION
 - ANNE MINORS PERFORMANCE CONSULTANTS PERFORMANCE INFORMATION
 - SOUND SPACE DESIGN LTD ACOUSTIC INFORMATION
 - FINAL SETTING OUT INFORMATION TO BE PROVIDED BY ARCHITECT.
 - CONTRACTOR TO PROVIDE INSTALLATION DRAWINGS FOR DESIGN TEAM COMMENT PRIOR TO COMMENCING INSTALLATION ON SITE.

- DRAWING SPECIFIC NOTES:**
- STATED DUCTWORK DIMENSIONS REFER TO INTERNAL DIMENSIONS OF THE DUCTWORK WITHOUT ACOUSTIC LINING
 - ALL DUCTWORK TO BE INSULATED WITH 50mm INSULATION
 - ALL SUPPLY DUCTWORK TO BE ACOUSTICALLY LINED WITH 25mm THICK FOAM DUCTLINER
 - ALL DUCTWORK BENDS TO HAVE TURNING VANES
 - ATTENUATORS TO BE BY CAICE, IAC OR TROX. SEE SOUND SPACE DESIGN SCHEDULE 2112/ATTN FOR PERFORMANCE SPECIFICATION
 - DUCTWORK ROUTES AND ASSOCIATED PENETRATIONS FOR EXTRACT FROM GALLERY COFFERS BACK TO EXTRACT PLENUM ARE INDICATIVE ONLY AND ARE SUBJECT TO COORDINATION WITH ITEMS OF MECHANICAL PLANT ONCE CONFIRMED WITH CLIENT



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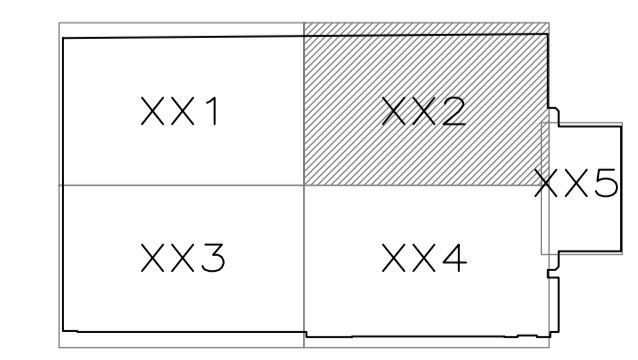
Max Fordham LLP
 Building 4, Michael Young Centre
 Purbeck Road, Cambridge
 CB2 8QL
 T. +44 (0) 1223 240 155
 F. +44 (0) 1223 411 713
 maxfordham.com

architect
JOHN McASLAN + PARTNERS

job title
FRIENDS HOUSE
LARGE MEETING HOUSE
 project leader date scale (at A1)
MAB FEB '13 1:50
 drawing title
VENTILATION LAYOUT
SECOND FLOOR
SHEET 1 OF 2
 job no dwg no rev
4500 U[10]132 /E

- DUCTWORK CONNECTION DETAILS**
- (A) 750x600 DUCTWORK RISES VERTICALLY FROM EACH DRUMJET DIFFUSER PLENUM AT L/L TO UNDERSIDE OF SUPPLY HEADER IN UPPER CEILING VOID ABOVE. SEE MFLP DRAWING Z[-]-J221 FOR TYPICAL ARRANGEMENT IN SECTION
 - (B) 1500x600 DUCTWORK RISES FROM DIFFUSER PLENUM AT L/L TO UNDERSIDE OF SUPPLY HEADER IN UPPER CEILING VOID ABOVE. SEE MFLP DRAWING Z[-]-J221 FOR TYPICAL ARRANGEMENT IN SECTION
 - (C) 1100x600 DUCTWORK RISES FROM DIFFUSER PLENUM AT L/L TO UPPER CEILING VOID ABOVE. IN THE NORTH AND SOUTH VOID UPPER CEILING DUCTWORK CONTINUES TO RISE TO MEET SUPPLY HEADER AT H/L. SEE MFLP DRAWING Z[-]-J221 FOR TYPICAL ARRANGEMENT IN SECTION
 - (D) 300x950 DUCTWORK RISES FROM DIFFUSER PLENUM AT L/L TO UPPER CEILING VOID ABOVE, EITHER SIDE OF MAIN INCOMING SUPPLY DUCT

- DUCTWORK PENETRATION DETAILS**
- (E) 500x500 PENETRATIONS TO GALLERY COFFERS BELOW FOR 500x500 DUCTWORK. OUTSIDE EXTRACT DUCTWORK CONNECTING THE GALLERY COFFERS TO THE CEILING VOID TO BE SURROUNDED IN ACOUSTIC ENCLOSURE CONSISTING OF 2NO. LAYERS OF 15mm PLASTERBOARD OF DENSITY 12.6kg/m³ AND 50mm INSULATION
 - (F) 500x500 PENETRATIONS TO GALLERY COFFERS BELOW FOR 500x500 DUCTWORK. OUTSIDE EXTRACT DUCTWORK CONNECTING THE GALLERY COFFERS TO THE CEILING VOID TO BE SURROUNDED IN ACOUSTIC ENCLOSURE OF SOUND RATING RW40dB USING A SHAFTWALL PARTITION: 60mm METAL STUD, 19mm COREBOARD TO INNER FACE, 2NO. LAYERS OF 12.5mm FIRELINE TO OUTER FACE WITH 25mm ISOVER CAVITY
 - (G) ALLOW 500mm BETWEEN DUCTWORK OPENING INTO CEILING VOID AND FACING VERTICAL DUCTWORK TO AVOID AIR FLOW RESTRICTION



SCALE BAR: 2.5m