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COMPUTER AIDED DRAWING - AVOID MANUAL MODIFICATION

THIS DRAWING MUST NOT BE SCALED. ALL DIMENSIONS TO BE CHECKED ON SITE.

REFERENCE DRAWINGS:

DRAWING No.	TITLE
6000-DR-DW-01-01	Mechanical Services Level 1 Layout Sheet A
6000-DR-DW-01-02	General for Heating Schematic, Level 1 Building 1, 2, 3 & 4

KEY PLAN

NOTES:

- Flexible Connections To Have Maximum Deviation Of 30° Unless Otherwise Stated
- Do Not Scale From This Drawing
- All Dimensions Given In Millimetres Unless Otherwise Stated
- Invert Level As Noted Indicates Installation Height To Underside Of Rectangular Ductwork And Centre-Line Of Circular Ductwork
- Invert Levels Are Taken From a Finished Floor Level Of 2170mm. Services Within Dashed Line Will be marked from F.F.L. as Marked On Drawing
- Ductwork Contractor To Ensure Access Panels For Cleaning Meet The Requirements Given In Arup's Specification ARUP-S1-SP-0002
- All Ductwork Terminating In Dampers Open Ends Must Be Finished With 60% Free Area Insect Mesh With Maximum Hole Size 1mm Unless Otherwise Specified

LEGENDS:

Symbol	Description
F/A	From Above
F/B	From Below
T/A	To Above
T/B	To Below
HL	High Level
LL	Low Level
FTT	Flat Top Transformer
FBT	Flat Bottom Transformer
OFT	Offset Transformer
EQ	Equal Transformer
VCD	Variable Control Damper
SBD	Single Blade Damper
FD	Fire Dampers
SD	Smoke Damper
API	Access Panel - Type 1
AP2	Access Panel - Type 2
RS	Removable Section
CE	Cap End
S/S	Stainless Steel
HB	Heater Battery

REVISIONS:

REV	DATE	REVISION	BY	CHK
C4	14/03/13	FJU0006 & 07 Have Been Replaced To Allow For The Intended Access Ladder Into The Plenum Area Based For Construction	BT	BT
C3	18/03/13	Ductwork Amended In L104, Bedroom, Smoke Extract Added And Based For Construction	BT	BT
C2	17/12/12	Ductwork Amended To Suit Fire Rated Insulation (CWI) Based For Construction	BT	BT
C1	28/11/12	Revised To Design Team Comments And Update To DCR08 Based For Construction	BT	BT
	10/08/12	Based For Approval	BT	BT

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CLIENT: The British Museum
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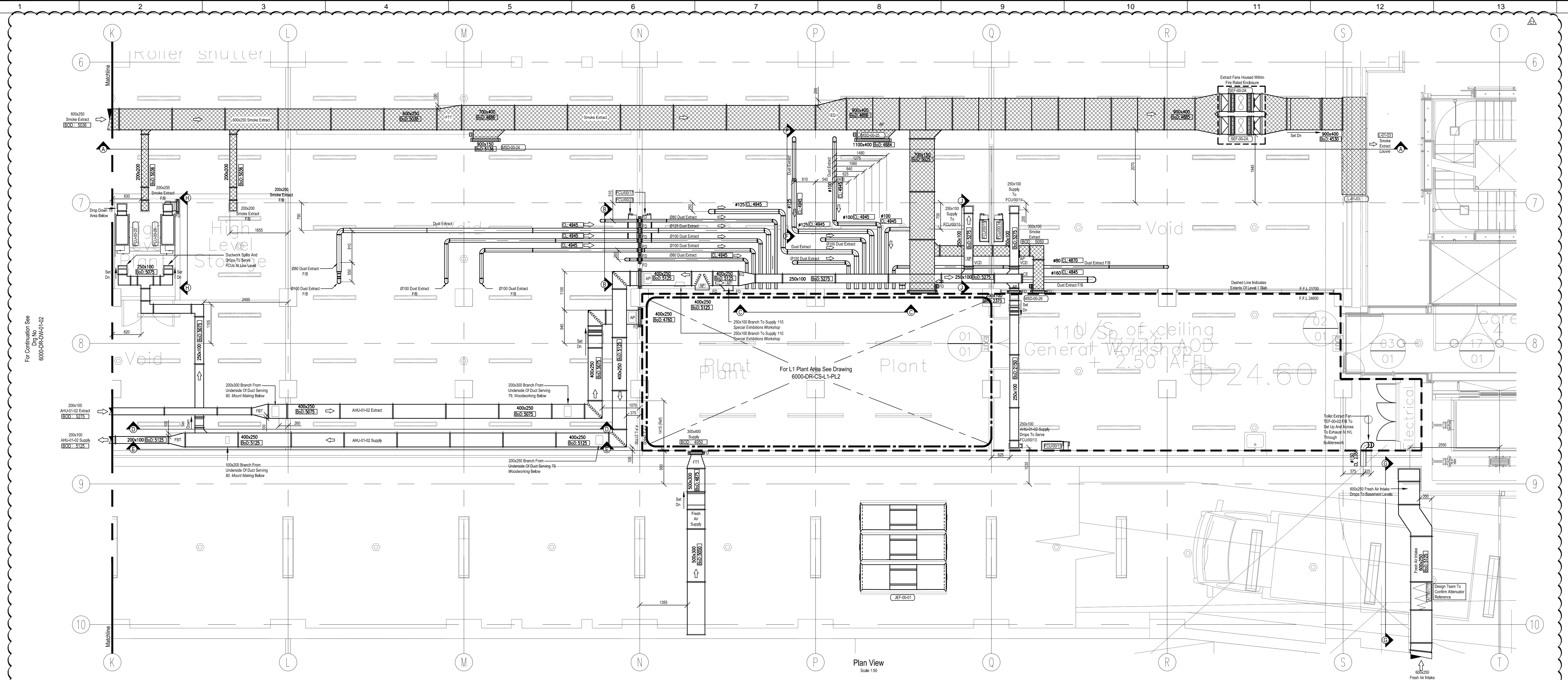
PROJECT: British Museum World Conservation And Exhibition Centre

STATUS: CONSTRUCTION

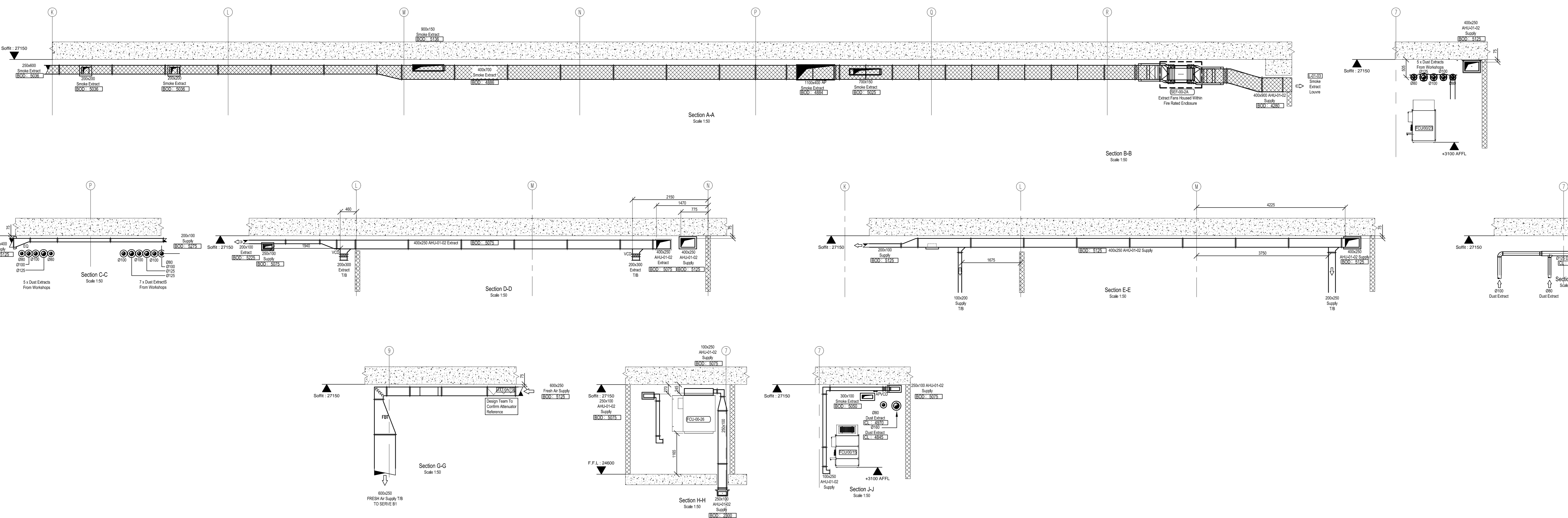
DRAWING TITLE: Ductwork Layout Level 1 Sheet 1 of 3

CREATED BY THE DESIGN ENVIRONMENT: Michael J. Lonsdale Ltd.
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Discipline: Mechanical	Project Phase: 4
Drawing Designer: Michael J Lonsdale	Originator's Job No.: 6000
Checked By: B. Simpson	Checked Date: 24/04/2012
Approved By:	Approval Date: 1:50 @ A0
Drawing No.: 6000-DR-DW-01-01	Revision: C4



Plan View
Scale 1:50



Section A-A
Scale 1:50

Section B-B
Scale 1:50

Section C-C
Scale 1:50

Section D-D
Scale 1:50

Section E-E
Scale 1:50

Section F-F
Scale 1:50

Section G-G
Scale 1:50

Section H-H
Scale 1:50

Section I-I
Scale 1:50

Section J-J
Scale 1:50

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REFERENCE DRAWINGS:

DRAWING No.	TITLE
ARUP-SB-DR-010-Rev1	Mechanical Services Level 1 Layout Sheet
ARUP-SB-DR-010-Rev1	Contract for Heating, Schematic, Level 1 Building 1, 2, 3 & 4

KEY PLAN

NOTES:

- Access to Ductwork for Cleaning & Maintenance To Be In Accordance With Mechanical Specification Document
- Flexible Connections To Have Maximum Deviation Of 30° Unless Otherwise Stated
- Do Not Scale From This Drawing
- All Dimensions Given In Millimetres Unless Otherwise Stated
- Level As Noted Indicates Installation Height To Underside Of Rectangular Ductwork And Centre-Line Of Circular Ductwork
- Levels Are Taken From a Finished Floor Level Of 21020mm On Level 0 And 24600mm On Level 1. Services Within Dashed Line Will Be Marked From F.F.L. As Marked On Drawing
- Ductwork Contractor To Ensure Access Panels For Cleaning Meet The Requirements Given In Arup's Specification ARUP-S1-SP-0002
- All Ductwork Terminating In Dampers Open Ends Must Be Finished With 60% Free Area Insect Mesh With Maximum Hole Size 1mm Unless Otherwise Specified

LEGENDS:

- F/A - From Above
- F/B - From Below
- T/A - To Above
- T/B - To Below
- HL - High Level
- LL - Low Level
- FTT - Flat Top Transformer
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- OPT - Offset Transformer
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- SBD - Single Blade Damper
- FD - Fire Damper
- SD - Smoke Damper
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- AP2 - Access Panel - Type 2
- RS - Removable Section
- CE - Cap End
- S/S - Stainless Steel
- HB - Heater Battery

Fire Rated Ductwork

Exact Position Of Specialist Duct Extract Drops To Below. To Be Confirmed By Design Team

REV	DATE	REVISION	DRN	CHK
01	15/05/12	Approved For Design Team Comments		
02	15/05/12	Approved For Design Team Comments		

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PROJECT:
British Museum
World Conservation And
Exhibition Centre

STATUS:
CONSTRUCTION

DRAWING TITLE:
Ductwork Layout
Level 1
Sheet 3 of 3

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Mechanical	1
Drawing Originator	Originator's Job No.
Michael J Lonsdale	6000
Checked By	Checked Date
B. Simpson	24/04/2012
Approved By	Approval Date
	1:50
	See Key Plan

Drawing No. **6000-DR-DW-01-03** Revision **C1**