

## Drawings and documents

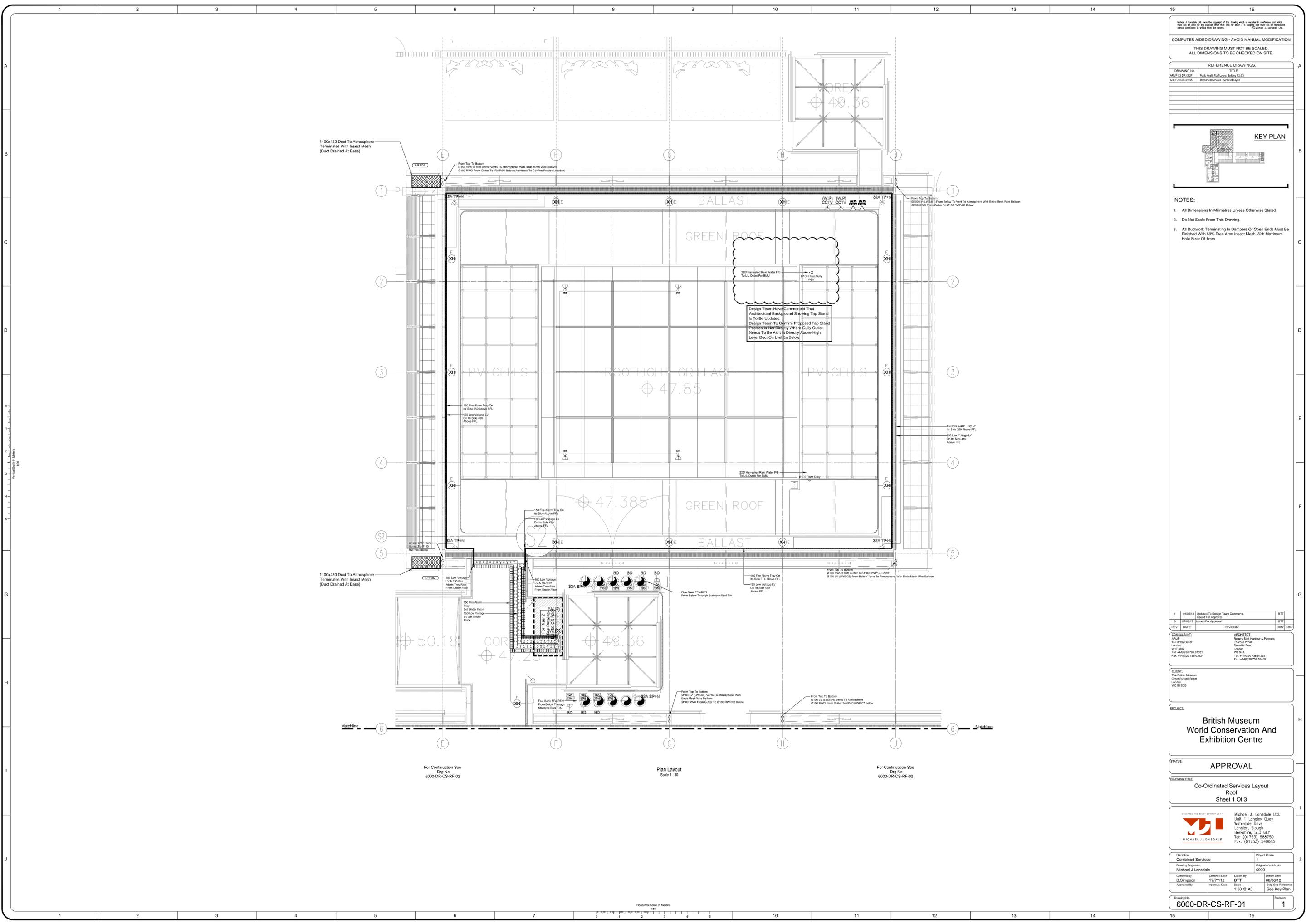
### Drawings

MJL drawings for Roof, level 5, level 0/1, all basement levels.  
This covers all the major plant sites. Plant is located as follows:

Roof 2No air cooled chillers ACC-01 and 02  
Fume extract fans on cores 2, 3 and Duveen building  
Level 5 8No Air Handling units referenced AHU/5/01-08  
CHW pumps 4No  
Level 00/01Air Handling units serving local areas AHU/01/--  
9No Jet fans serving the road tunnel TEF/00/01-09  
Smoke extract fans  
Level B1AHUs at core 2 and core 4 serving the storage areas  
Level B2AHUs at core 2 and core 4 serving the storage areas  
AHUs adjacent to core 3 serving the science building. These are connected to the louvers adjacent to the Bedford square properties – where the boundary noise condition limit is 50dB(A).  
Level B3AHUs at core 2 and core 4 serving the storage areas

The mechanical ductwork drawings have been used where possible since these show the equipment locations and main ductwork routes.

6000-DR-CS-RF-01 Coordinated services drawing – Roof Level Sheet 1 of 3  
6000-DR-CS-RF-02 Coordinated services drawing – Roof Level Sheet 2 of 3  
6000-DR-CS-RF-03 Coordinated services drawing – Roof Level Sheet 3 of 3  
6000-DR-DW-L5-01-01 Ductwork Layout Level 5 - Sheet 1 of 3 drawing in production  
6000-DR-DW-L5-02-01 Ductwork Layout Level 5 - Sheet 2 of 3  
6000-DR-DW-L5-03-01 Ductwork Layout Level 5 - Sheet 3 of 3  
6000-DR-DW-01-01 Ductwork Layout Level 0/1 - Sheet 1 of 3  
6000-DR-DW-01-02 Ductwork Layout Level 0/1 - Sheet 2 of 3  
6000-DR-DW-01-03 Ductwork Layout Level 0/1 - Sheet 3 of 3  
6000-DR-DW-B1-01 Ductwork Layout Level B1 - Sheet 1 of 3  
6000-DR-DW-B1-02 Ductwork Layout Level B1 - Sheet 2 of 3  
6000-DR-DW-B1-03 Ductwork Layout Level B1 - Sheet 3 of 3  
6000-DR-DW-B2-01 Ductwork Layout Level B2 - Sheet 1 of 3  
6000-DR-DW-B2-02 Ductwork Layout Level B2 - Sheet 2 of 3  
6000-DR-DW-B2-03 Ductwork Layout Level B2 - Sheet 3 of 3



1100x450 Duct To Atmosphere  
Terminates With Insect Mesh  
(Duct Drained At Base)

1100x450 Duct To Atmosphere  
Terminates With Insect Mesh  
(Duct Drained At Base)

Design Team Have Commented That  
Architectural Background Showing Tap Stand  
Is To Be Updated.  
Design Team To Confirm Proposed Tap Stand  
Position Is Not Directly Where Gully Outlet  
Needs To Be As It Is Directly Above High  
Level Duct On Level (Is Below)

For Continuation See  
Dwg No  
6000-DR-CS-RF-02

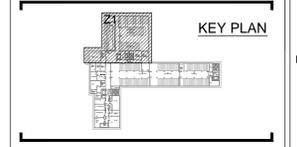
Plan Layout  
Scale 1:50

For Continuation See  
Dwg No  
6000-DR-CS-RF-02

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REFERENCE DRAWINGS	
DRAWING No.	TITLE
ARUP-S2-DR-002P	Public Health Roof Layout, Building 1 & 3
ARUP-S2-DR-003A	Mechanical Services Roof Level Layout



- NOTES:
- All Dimensions in Millimetres Unless Otherwise Stated
  - Do Not Scale From This Drawing.
  - All Ductwork Terminating in Dampers Or Open Ends Must Be Finished With 60% Free Area Insect Mesh With Maximum Hole Size Of 1mm

REV.	DATE	REVISION	BY	CHK
1	01/03/13	Updated To Design Team Comments Issued For Approval	BTT	
2	02/06/12	Issued For Approval	BTT	

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Great Russell Street  
London  
WC1B 3DG

PROJECT:  
**British Museum  
World Conservation And  
Exhibition Centre**

STATUS:  
**APPROVAL**

DRAWING TITLE:  
**Co-Ordinated Services Layout  
Roof  
Sheet 1 Of 3**

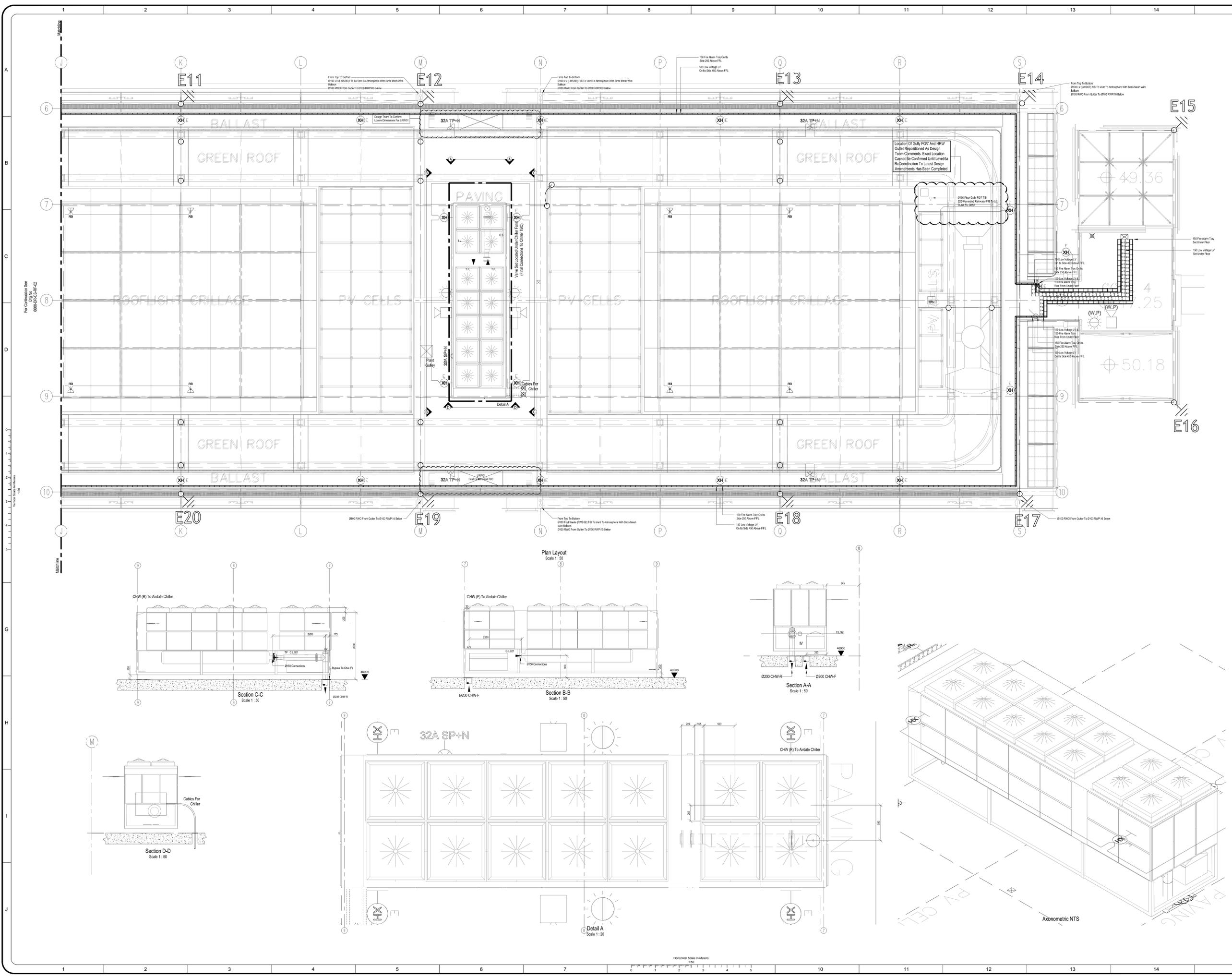
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Discipline	Combined Services	Project Phase
Drawing Designer	Michael J Lonsdale	1 6000
Checked By	B. Simpson	Checked Date 27/7/12
Approved By	BTT	Drawn By BTT Drawn Date 05/06/12
		Approval Date 1:50 @ A0 Scale B10 G11 Reference See Key Plan

Drawing No.	Revision
6000-DR-CS-RF-01	1

Horizontal Scale In Meters  
1:50

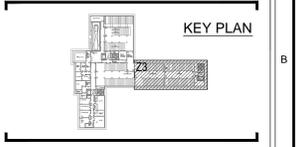




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REFERENCE DRAWINGS:	
DRAWING No.	TITLE
ARUP-25-06-RF-02	Plant Room Roof Layout, Building 1.2.3.3
ARUP-25-06-RF-01	Mechanical Services Roof Layout



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Legend

F/A	From Above
F/B	From Below
T/A	To Above
T/B	To Below
HL	High Level
LL	Low Level

REV	DATE	REVISION	DRN	CHK
1	01/03/13	Approved To Design Team Comments		BTJ
0	01/06/12	Issued For Approval		BTJ

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**APPROVAL**

DRAWING TITLE:  
**Co-Ordinated Services Layout  
Roof Level  
Sheet 3 Of 3**

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Discipline	Combined Services	Project Phase
Drawn By	Michael J Lonsdale	1
Checked By	B. Simpson	6000
Approved By		

Drawing No. **6000-DR-CS-RF-03** Revision **1**

