Ventilation Notes

1. This drawing shall be read in conjunction with the main contract conditions the building services specification and schedules, and all other contract documentation.

2. All ductwork shall be manufactured, installed and tested to DW144.

3. All builders work plenums shall be built to structural engineers details and shall be smooth fair faced and epoxy coated.

4. All ductwork shall be provided with access panels to facilitate internal cleaning.

5. All dampers shall be provided in fully accessible locations to enable commissioning and maintenance.

6. Refer to the architect's drawings for details of all setting out information. No dimensions shall be measured from this drawing.

7. Refer to the architect's reflected ceiling plans for the setting out of all soffit mounted services components.

8. Refer to the architect's drawings for details of all building compartmental. All services shall be fire stopped using the approved penetration details, fully in accordance with the compartment rating.

9. The construction contractor shall provide co-ordinated installation drawings for review and prior to installation on site as defined in contract prelims. The construction contractor shall be responsible for verifying all routes shown and modify where necessary on the installation drawings prior to commencing installation on site. All information shall be issued in a timely manner to allow the review and approval process without affecting the construction programmer.

10. The contractor shall carry out all works, systems, etc. to a method, standard and programme approved by the client team.

11. These design drawings do not show all offsets, bends, transformations, elbows or other elements which may be required to form a complete installation. The contractor shall provide all accessories and fittings as necessary for a complete installation.

12. Access panels are typically not indicated but shall be included and positioned in accordance with CIBSE TM26, HVCA TR17 & HVCA TR19.

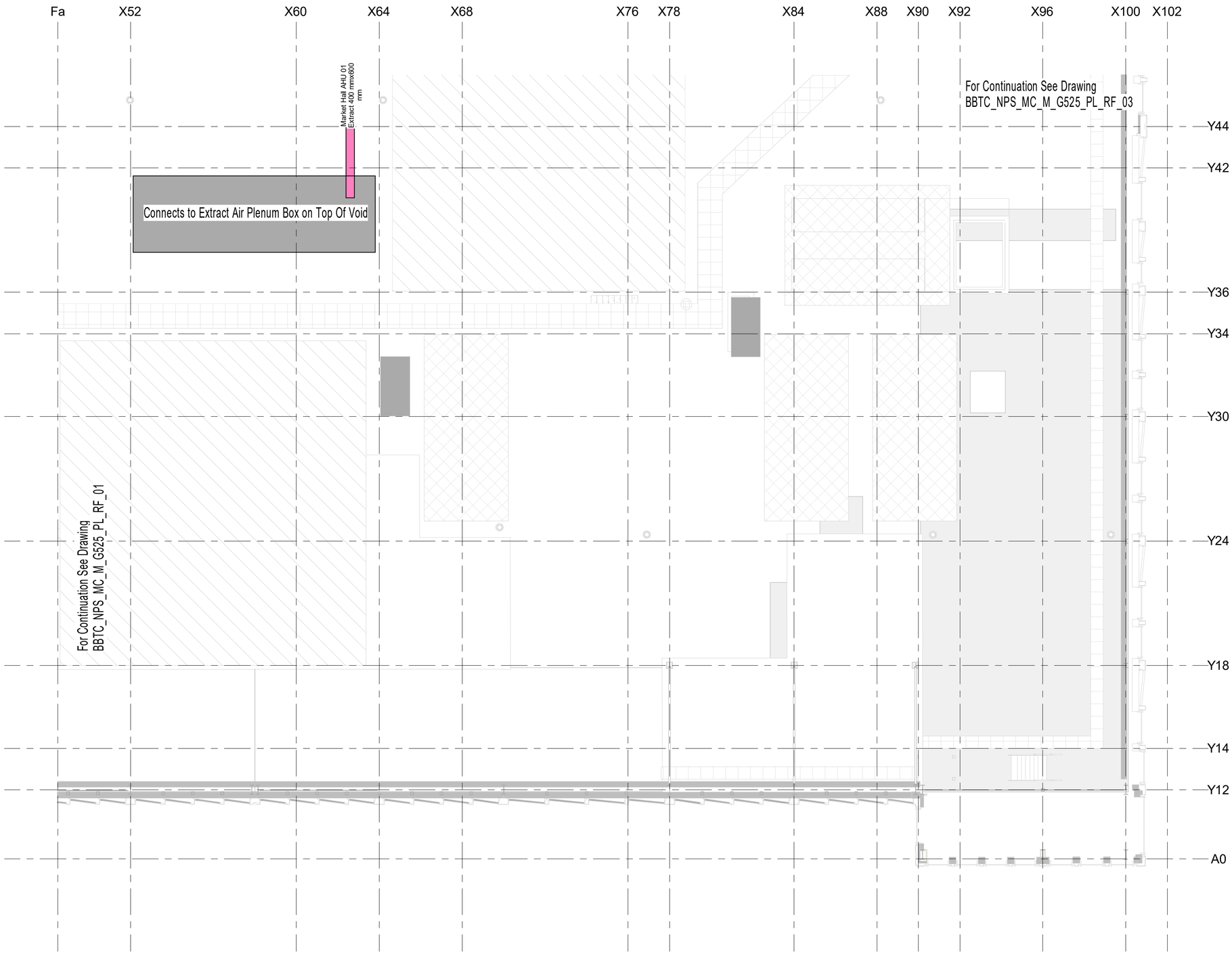
13. For ducts through fire barriers, where a fire damper is not fitted, the gap between the duct and its sleeves, and the gap between the ducts and fire barriers must be firmly sealed with soft packing having a period of fire resistance equal to the fire barriers.

14. All fire dampers to be line size.

15. Mechanical services layouts are subject to change following receipt of a frozen architects model.

16.Restaurant R9, Front of house supply & extract duct sizes based on an estimated 2person/m² for 60& of total area. Kitchen extract & supply based on 40 ACH for 40% of total area

17.SU1 Supply & extract duct sizes based on an estimated 2pesor/m² of total area



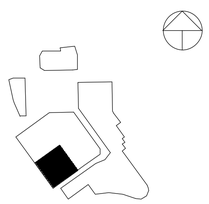
1 Ventilation
1 : 100

Responsibility is not accepted for others scaling from this drawing. Do not scale from this drawing use written dimensions only

0 1 2.5 5 10 m

ORIGINAL SIZE A1

KEY PLAN



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NOTES

Service Name	Colour
Market Hall Supply	
Market Hall Extract	
Meat & Fish Supply	
Meat & Fish Extract	
Kitchen Supply	
Kitchen Extract	
Toilet Extract	
Basement Dirty Extract	
Waste Management Extract	
Restaurant R9 Proposed Route Tenant Fit Out	

Ventilation Legend

Supply Grill

Extract Grill

Fire Damper FD

Smoke Damper SD

REV	COMMENT	DRN	CHK	DATE
1	First Issue For Construction All Previous Ventilation Drawings At Tender Issue Are Superseded	AH	MD	07-11-17

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CLIENT
BARNSLEY METROPOLITAN BOROUGH COUNCIL

PROJECT
THE GLASS WORKS PHASE 1

TITLE
Roof
Ventilation Layout
Sheet 4 Of 4

SCALE	DISCIPLINE	PROJECT NUMBER
As indicated	MECHANICAL	16-1-1093

FILE / DRAWING NAME	REV CODE
BBTC_NPS_MC_M_G525_PL_RF_04	1

STATUS CODE	PURPOSE OF ISSUE	DRAWN
	CONSTRUCTION	AH

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