

- EXISTING SERVICES
- SUPPLY DUCTWORK
- EXTRACT DUCTWORK
- DIRTY EXTRACT DUCTWORK
- SUPPLY GRILLE
- EXTRACT GRILLE
- DIRTY EXTRACT GRILLE
- AIR VALVE
- ATTENUATOR/CROSS-TALK ATTENUATOR
- VOLUME CONTROL DAMPER
- MOTORIZED DAMPER
- LOUVER
- FIRE DAMPER
- ACCESS HATCH
- FLEXIBLE DUCT CONNECTION
- PASSIVE INFRARED SENSOR
- HEAT RECOVERY UNIT
- DUCTED FAN COIL UNIT
- SUPPLY/EXTRACT FAN
- PLANT REFERENCE
- PLANT ACCESS

FIRE RATED DUCT NOTES

FIRE RATED DUCT TO BE AS LINDAB THOR DUCT AND SHALL BE TEST IN ACCORDANCE WITH BS476 PART 24.

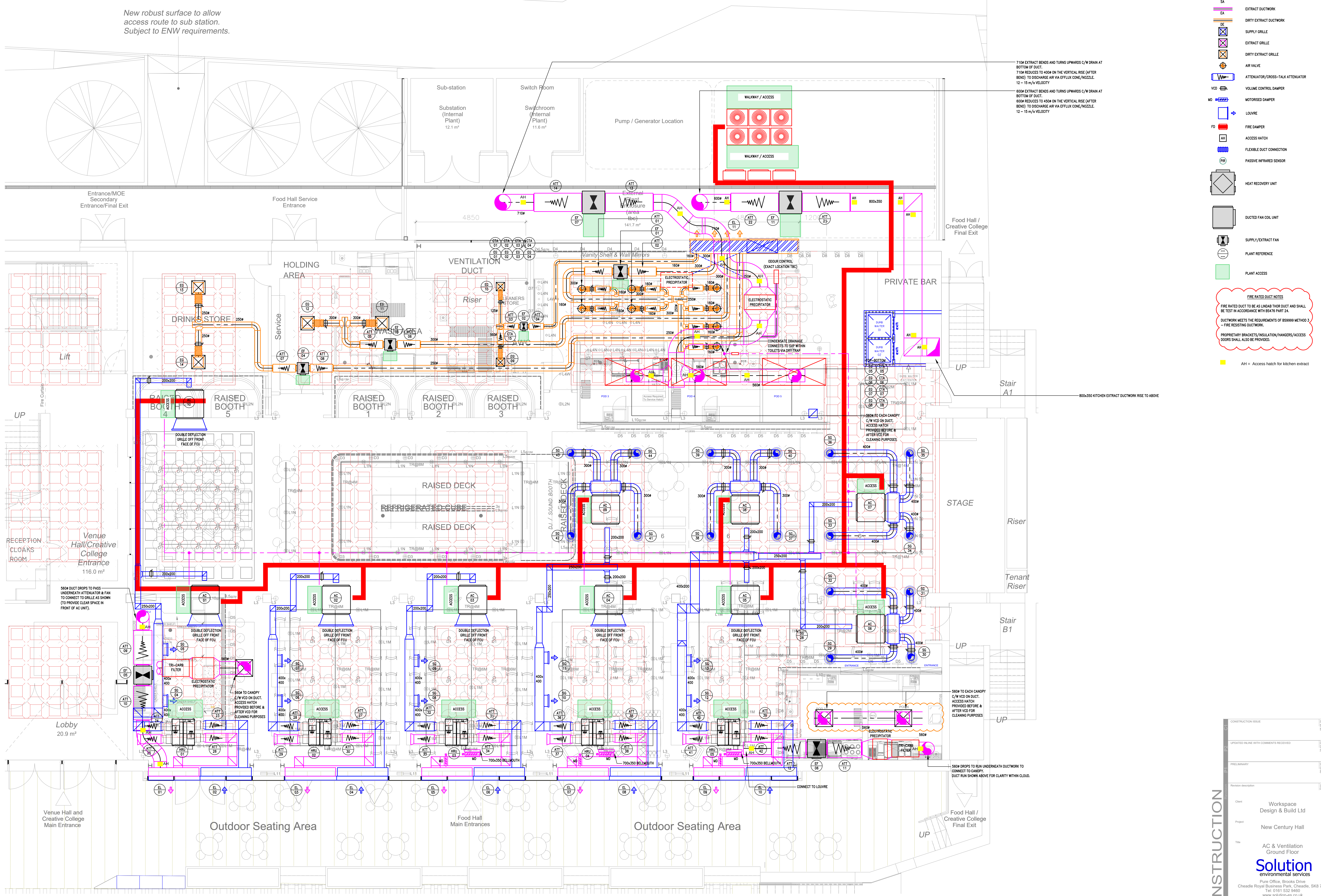
DUCTWORK MEETS THE REQUIREMENTS OF BS9999 METHOD 3 - FIRE RESISTING DUCTWORK.

PROPRIETARY BRACKETS/INSULATION/HANGERS/ACCESS DOORS SHALL ALSO BE PROVIDED.

AH = Access hatch for kitchen extract

CONSTRUCTION			
CONSTRUCTION ISSUE			
UPDATED ONLINE WITH COMMENTS RECEIVED			
PRELIMINARY			
Revision description	Client	Workspace Design & Build Ltd	
	Project	New Century Hall	
	Title	AC & Ventilation Ground Floor	
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QS4669/JH/M11			

CONSTRUCTION



New robust surface to allow access route to sub station. Subject to ENW requirements.

710x EXTRACT BENDS AND TURNS UPWARDS C/W DRAIN AT BOTTOM OF DUCT.
710x REDUCES TO 400x ON THE VERTICAL RISE (AFTER BEND) TO DISCHARGE AIR VIA EFFLUX CONE/NOZZLE.
12 - 15 m/s VELOCITY

600x EXTRACT BENDS AND TURNS UPWARDS C/W DRAIN AT BOTTOM OF DUCT.
600x REDUCES TO 450x ON THE VERTICAL RISE (AFTER BEND) TO DISCHARGE AIR VIA EFFLUX CONE/NOZZLE.
12 - 15 m/s VELOCITY

800x350 KITCHEN EXTRACT DUCTWORK RISE TO ABOVE

560x DUCT DROPS TO PASS UNDER ATTENUATOR & FAN TO CONNECT TO GRILLE AS SHOWN TO PROVIDE CLEAR SPACE IN FRONT OF AC UNIT.

560x TO EACH CANOPY C/W VCD ON DUCT. ACCESS HATCH PROVIDED BEFORE & AFTER VCD FOR CLEANING PURPOSES.

560x DROPS TO RUN UNDER DUCTWORK TO CONNECT TO CANOPY. DUCT RUN SHOWN ABOVE FOR CLARITY WITHIN CLOUD.