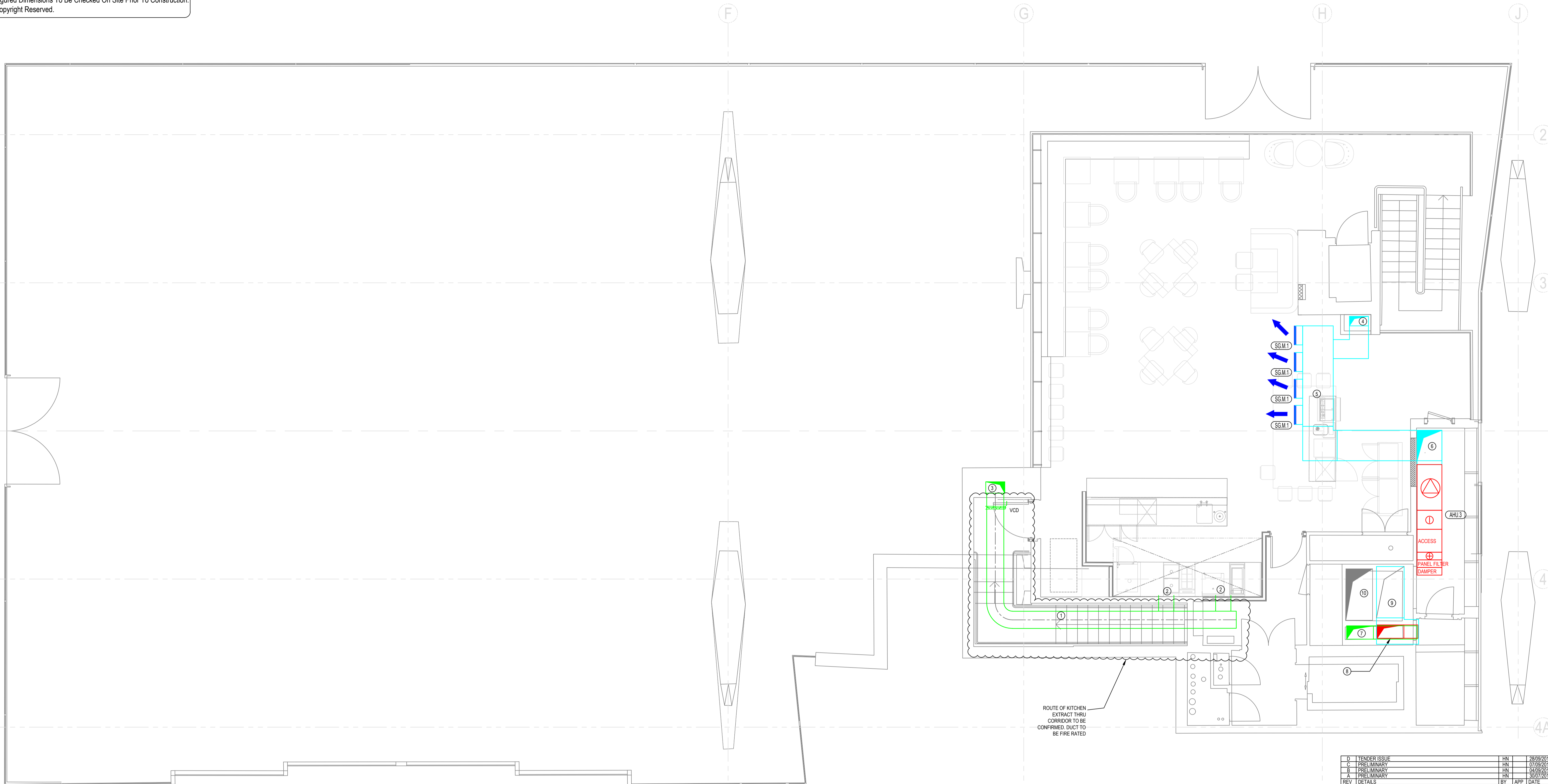


Do Not Scale.
All Figured Dimensions To Be Checked On Site Prior To Construction.
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- GENERAL NOTES:**
1. ALL SERVICES/ROUTES THROUGHOUT BUILDING TO BE FULLY CO-ORDINATED ON SITE.
 2. DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL INSTALLATION SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS.
 3. DUCTWORK MATERIAL & INSTALLATION TO DW/144 CLASS 'A'. EXTERNAL DUCTWORK INSULATION SHALL BE AS ELSEWHERE FINISHED WITH POLYISOBUTYLENE SHEETING
 4. FINAL DESIGN SHOP DRAWING AND DETAIL CO-ORDINATION DRAWINGS TO BE SUBMITTED FOR ENGINEER COMMENT PRIOR TO START ON SITE.
 5. FIRE DAMPERS TO BE PROVIDED AT ALL PENETRATIONS THROUGH FIRE COMPARTMENTS. SEE ARCHITECT'S DRAWING FOR COMPARTMENTATION DETAILS.
 6. DUCTWORK ACCESS DOORS TO BE PROVIDED ADJACENT TO EACH CHANGE OF DIRECTION, DAMPERS AND DUCT MOUNTED EQUIPMENT OR EVERY 10m.
 7. PROVIDE VOLUME CONTROL DAMPERS ON ALL DUCTWORK BRANCHES.
 8. FINAL CONNECTIONS TO CANOPIES TO BE CO-ORDINATED WITH KITCHEN INSTALLER. ALL CONNECTIONS TO CANOPIES TO BE PROVIDED WITH VCD'S FOR SYSTEM BALANCING.
 9. SUPPLY DUCTWORK AND AIR CONDITIONING DUCTWORK TO BE INSULATED. EXPOSED INSULATION IN FRONT OF HOUSE TO BE PAINTED TO ARCHITECT SPECIFICATION
 10. PROVIDE WET TRAP ON FCU CONDENSATE DRAIN. AIR TRAP WILL NOT BE PERMITTED.

- LEGEND**
- 1 4500 KITCHEN EXTRACT DUCT
 - 2 400x250 KITCHEN EXTRACT DUCT CONNECTS TO CANOPY - EXACT SPIGOT SIZE TBC.
 - 3 FIRE RATED 450x300 KITCHEN EXTRACT TO BELOW
 - 4 500x250 SUPPLY TO BELOW
 - 5 800x300 SUPPLY
 - 6 800x600 SUPPLY FROM AHU C/W SILENCER IN VERTICAL RUN
 - 7 700x350 TOILET EXTRACT CONNECT TO EXISTING DUCT IN RISER AND DISCHARGE INTO EXTRACT PLENUM
 - 8 700x350 GENERAL EXTRACT CONNECT TO EXISTING DUCT IN RISER AND DISCHARGE INTO EXTRACT PLENUM
 - 9 1350x750 HEAT PUMP DISCHARGE CONNECT TO EXISTING DUCT IN RISER AND DISCHARGE INTO EXTRACT PLENUM
 - 10 EXISTING 1350x750 FRESH AIR DUCT

PLANT SCHEDULE: MEZZANINE

AHU 1 - MEZZANINE AHU
ENVIROPAC, SERIES ENV, NARROW RANGE
MODEL ENV 90 FL WITH FOLLOWING SECTIONS:
MOTORISED DAMPER
PANEL FILTER
LTHW HEATING 33kW @ dt=25°C (-1 - 24°C) - LTHW
CHW COOLING 27kW @ dt=17°C (32 -15°C) - CHW 6/12°C
FAN SECTION - DUTY 1100 l/s @ 500 Pa
POWER SUPPLY - 3Ph 3kW
SIZE: 2900 L x 650 W x 1350 H. WEIGHT: 800 kg APPROX.

GRILLES:

SGM 1 - ADJUSTABLE DOUBLE DEFLECTION GRILLE
WATERLOO - 2H / 06SS
OVERALL SIZE - 600x150mm
DUTY - 100-150 l/s @ 4.8m THROW

ROUTE OF KITCHEN EXTRACT THRU CORRIDOR TO BE CONFIRMED. DUCT TO BE FIRE RATED

D	TENDER ISSUE	HN	28/09/2018
C	PRELIMINARY	HN	07/09/2018
B	PRELIMINARY	HN	04/09/2018
A	PRELIMINARY	HN	30/07/2018
REV	DETAILS	BY	APP DATE

CLIENT: **STREET MARKETS LTD**

PROJECT: **CENTRE POINT, LINK BUILD. W1**

DRAWING TITLE: **MEZZANINE LEVEL+1 VENTILATION**

DRAWN BY: HN	APPROVED BY:	DATE: JULY 2018
PROJECT No.: L2171	DRAWING No.: M001	SCALE: 1:50



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