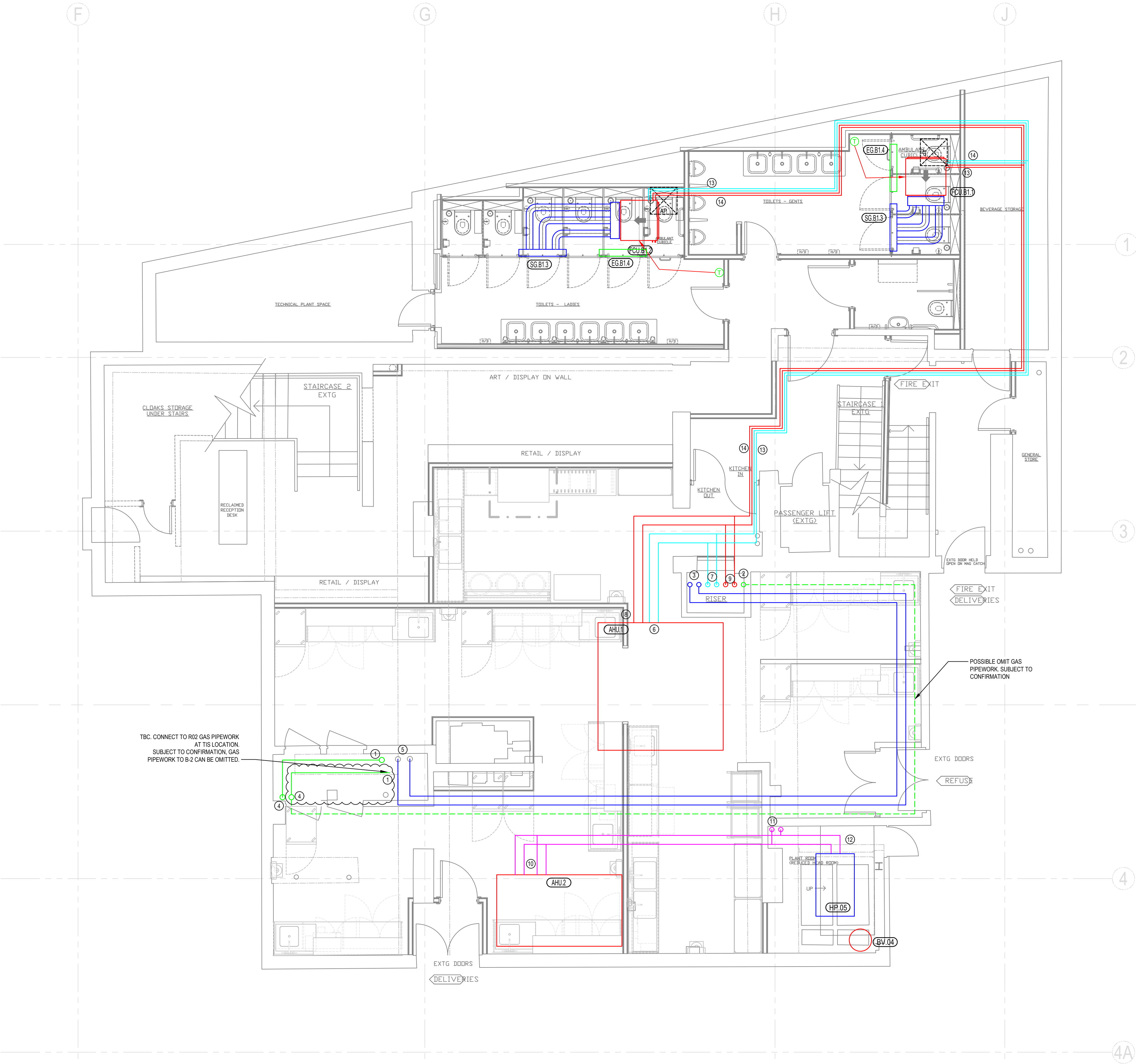


Do Not Scale.
All Figured Dimensions To Be Checked On Site Prior To Construction.
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GENERAL NOTES:
1. ALL SERVICES/ROUTES THROUGHOUT BUILDING TO BE FULLY CO-ORDINATED ON SITE.
2. DRAWING TO BE READ IN CONJUNCTION WITH MECHANICAL INSTALLATION SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS.

LEGEND:

- 500 GAS CONNECTS TO EXISTING LANDLORD SUPPLY
- 500 GAS RISE FORM BELOW TO HIGH LEVEL
- 1000 CONDENSE F&R DROPS TO BELOW
- 500 GAS RISE TO ABOVE
- 1000 CONDENSE F&R CONNECTS TO EXISTING LANDLORD SUPPLY
- 800 CHW F&R TO AHU
- 800 CHW F&R RISE FROM BELOW TO HIGH LEVEL
- 800 LTHW F&R TO AHU
- 800 LTHW F&R RISE FROM BELOW TO HIGH LEVEL
- 250 LTHW AND 250 CHW F&R TO AHU
- 320 LTHW/CHW F&R TO ABOVE
- 400 LTHW/CHW F&R FROM AIR COOLED HEAT PUMP/CHILLER
- 220 LTHW F&R TO FCU
- 220 CHW F&R TO FCU

PLANT SCHEDULE: BASEMENT -1

HP.05
AIR COOLED HEAT PUMP FOR PRODUCTION OF LTHW AT 55/45 °C AND CHW AT 6/12 °C
CARRIER - 30PHC 180STD Ducted Air to Water Heat Pump
SIZE 1387 X 850 X 1727H
HEATING CAPACITY 42.6 kW
COOLING CAPACITY 36.2 kW
POWER SUPPLY 3Ph, 14.4 kW
CW/HYDRAULIC MODULE INC. PUMP
REFER TO VENTILATION DRAWING FOR DISCHARGE DUCTWORK ARRANGEMENTS

BV.04 - LTHW BUFFER VESSEL

FCU.B1.1, FCU.B1.2 - QUARTZ AMETHYST, SLMILINE FCU - AMT1
CW HARD WIRED CONTROLLER
DUTY 2.6kW COOLING, 3.3kW HEATING @ 170 l/s
SIZE: 880x845x175h
WEIGHT: 45 kg
ELECTRICAL SUPPLY: 1Ph SPUR

GRILLES: WATERLOO OR SIMILAR AND APPROVED:

SG.B1.3 - LINEAR SLOT DIFFUSER, FLANGED SIZE TBC, C/W PLENUM BOXES, 3No 1500
DUCTWORK CONNECTIONS, TOTAL DUTY 170 l/s

RG.B1.4 - LINEAR SLOT DIFFUSER, FLANGED 560d, L 1000mm

E	R02 CONDENSE PIPEWORK ROUTE SHOWN	CW	30/01/2019
D	CONSTRUCTION ISSUE	CW	24/01/2019
C	GENERAL UPDATE	HN	07/12/2018
B	PIPEWORK ROUTE AMENDED AROUND STAIRWELL	HN	07/11/2018
A	TENDER ISSUE	HN	28/09/2018
REV	DETAILS	BY	I APP DATE

CLIENT:

STREAT MARKETS LTD

PROJECT:

CENTRE POINT, LINK BUILD. W1

DRAWING

TITLE:

BASEMENT LEVEL -1

HEATING, COOLING & GAS

DRAWN BY:	H.NISIC	APPROVED BY:		DATE:	SEP'18
PROJECT No.:	L2171	DRAWING No.:	M015	SCALE:	1:50



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