

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:**
- ① 500 GAS CONNECTS TO EXISTING LANDLORD SUPPLY
 - ② 500 GAS RISE FORM BELOW TO HIGH LEVEL
 - ③ 1000 CONDENSE F&R DROPS TO BELOW
 - ④ 500 GAS RISE TO ABOVE
 - ⑤ 1000 CONDENSE F&R CONNECTS TO EXISTING LANDLORD SUPPLY
 - ⑥ 800 CHW F&R TO AHU
 - ⑦ 800 CHW F&R RISE FROM BELOW TO HIGH LEVEL
 - ⑧ 800 LTHW F&R TO AHU
 - ⑨ 800 LTHW F&R RISE FROM BELOW TO HIGH LEVEL
 - ⑩ 250 LTHW AND 250 CHW F&R TO AHU
 - ⑪ 320 LTHW/CHW F&R TO ABOVE
 - ⑫ 400 LTHW/CHW F&R FROM AIR COOLED HEAT PUMP/CHILLER
 - ⑬ 220 LTHW F&R TO FCU
 - ⑭ 220 CHW F&R TO FCU

PLANT SCHEDULE: BASEMENT -1

HP.5
AIR COOLED HEAT PUMP FOR PRODUCTION OF LTHW AT 55/45 °C AND CHW AT 6/12°C
CARRIER - 30PAC 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, SLIMLINE FCU - AMT1
CW HARD WIRED CONTROLLER
DUTY 2.6kW COOLING, 3.37kW 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 5slot, L 1000mm, CW PLENUM BOXES, 3No 1500
DUCTWORK CONNECTIONS, TOTAL DUTY 170 l/s

RG.B1.4 - LINEAR SLOT DIFFUSER, FLANGED 5slot, L 1000mm

A	TENDER ISSUE	HN	28/09/2018
REV	DETAILS	BY	APP DATE

CLIENT: **STREET 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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