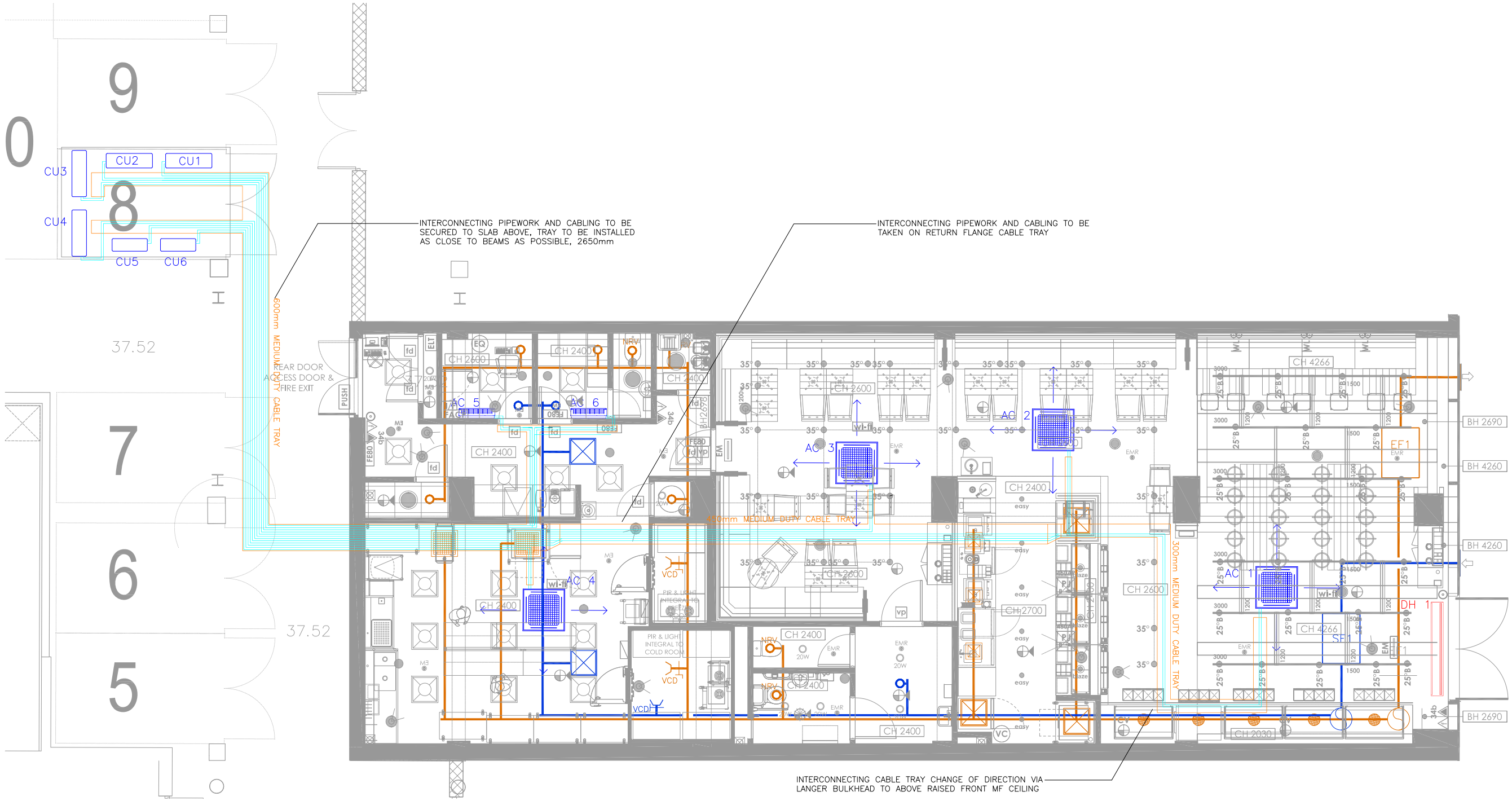

PLANT SCHEDULE

AC 1,2,3 & 4
MITSUBISHI PLA–P140EA HEAT PUMP CASSETTE UNIT
SUSPENDED FROM THE STRUCTURE ON 40mm X 20mm
SLOTTED CHANNEL & M8 DROP RODS
ELECTRICAL SUPPLY 240 V, 1 PHASE
POWER FROM OUTDOOR UNIT VIA INTERCONNECTING CABLE
FUSE RATING 6 A
WEIGHT 31 kG
REFRIGERANT R410A

AC 5 & 6
MITSUBISHI MSZ–SF25VE3–E1 WALL MOUNTED INVERTER
HEAT PUMP UNIT
ELECTRICAL SUPPLY 240 V, 1 PHASE
POWER FROM OUTDOOR UNIT VIA INTERCONNECTING CABLE
FUSE RATING 6 A
WEIGHT 10 kg
REFRIGERANT R410A

CU 1,2,3 & 4
MITSUBISHI PUHZ–P140YKA STANDARD INVERTER CONDENSOR UNIT
ELECTRICAL SUPPLY 415 V, 3 PHASE
FUSE RATING 25 A
STARTING CURRENT 4.0 A
SYSTEM RUNNING CURRENT 8.9/7.9 A
MAXIMUM RUNNING CURRENT 11.5 A
WEIGHT 85 kG
REFRIGERANT R410A
SOUND PRESSURE LEVEL HEATING/COOLING 57/56 dBA

CU 5 & 6
MITSUBISHI MUZ–SF25VE–E4 OUTDOOR CONDENSOR UNIT
ELECTRICAL SUPPLY 240 V, 1 PHASE
FUSE RATING 10 A
STARTING CURRENT 3.9 A
SYSTEM RUNNING CURRENT 3.9/3.2 A
MAXIMUM RUNNING CURRENT 7.4 A
WEIGHT 31 kg
REFRIGERANT R410A
SOUND PRESSURE LEVEL HEATING/COOLING 48/47 dBA

DH 1
THERMOSCREENS D2000 E ELECTRIC BRUSHED STAINLESS STEEL
OVERDOOR AIR CURTAIN
ELECTRICAL SUPPLY 415 V, 3 PHASE
ELECTRICAL LOADING (PER PHASE) 27.2 A
WEIGHT 60 kG

EF 1
SYSTEMAIR KVK SILENT 500 AC ACOUSTIC EXTRACT FAN
ELECTRICAL SUPPLY 240 V, 1 PHASE
RUNNING CURRENT 3.37 A
DUTY 1.5M3/S @150Pa
WEIGHT 97 Kg
COMPLETE WITH RTRE 5 SPEED CONTROLLER

SF 1
SYSTEMAIR KVK SILENT 500 AC ACOUSTIC SUPPLY FAN
ELECTRICAL SUPPLY 240 V, 1 PHASE
RUNNING CURRENT 3.37 A
DUTY 1.5M3/S @150Pa
WEIGHT 97 Kg
COMPLETE WITH RTRE 5 SPEED CONTROLLER

Rev	Date	Amendments	By
C	01/08/18	Cassetes Relocated, Cable Tray Route Added	NPG
B	01/05/18	Ductwork Routes Updated	NPG
A	26/04/18	Drawing Updated To Architects Revision	NPG

D.B.GREEN LTD
Heating, Ventilation, Air Conditioning
Design, Installation, Maintenance
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Client:
PRET A MANGER

Project Title:
UNIT 8
MANCHESTER BUSINESS SCHOOL
MANCHESTER
M13 9PL

Drawing Title:
PROPOSED
HVAC

Date: 06th April 2018
Scale: 1: 50 @ A1
Drawn: N P Green
Ref.
Approved:
Drawing Number: 9618/M/1
Revision: C