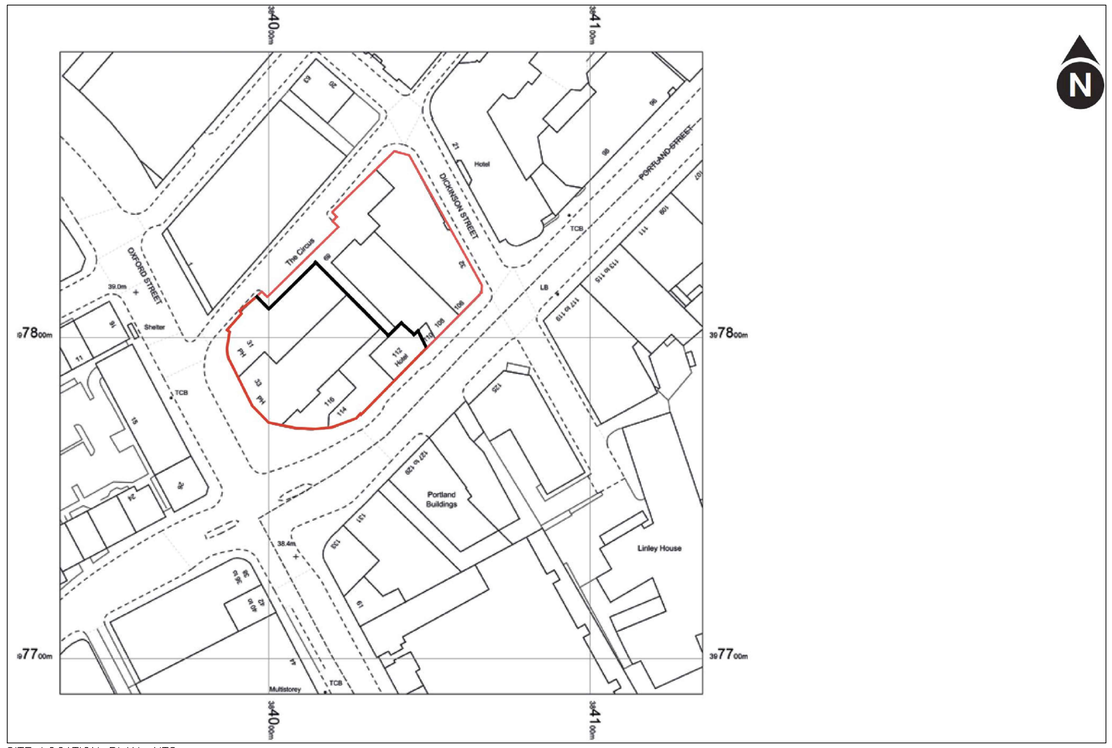
SCHEDULE OF CHILLER UNITS

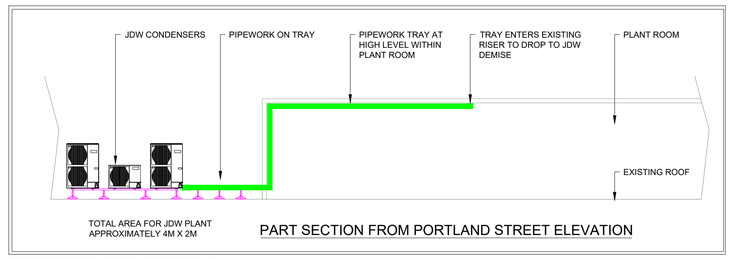
REFERENCE	LOCATION	DESCRIPTION	MANUFACTURER	MODEL REF	RATING HTG/COOLING	TEMPERATURE HTG/COOLING	UNIT FLOWRATE HTG/COOLING	SEER	WEIGHT (kg)	ELECTRICAL	COMMENTS
CH 01.01	ROOF EXTERNAL AREA	AIR COOLED CHILLER UNIT	TRANE	CXAF 046 SE LN	119.52/ 123.75kW	7.0°/35°	4.80/ 4.90 l/s	4.28	1072	400v/50Hz/3Ph (MAX RUNNING = 102A)	1. CHILLER UNIT C/W INTEGRAL PUMP 2. CHILLER UNIT C/W LOW NOISE PACKS
CH 01.02	ROOF EXTERNAL AREA	AIR COOLED CHILLER UNIT	TRANE	CXAF 046 SE LN	119.52/ 123.75kW	7.0°/35°	4.80/ 4.90 l/s	4.28	1072	400v/50Hz/3Ph (MAX RUNNING = 102A)	1. CHILLER UNIT C/W INTEGRAL PUMP 2. CHILLER UNIT C/W LOW NOISE PACKS

ALL CHILLER UNITS REFERENCED ABOVE ARE AS MANUFACTURED BY TRANE Tel: 07802536155 (PHIL ADDY)



SITE LOCATION PLAN, NTS

DETAILS FOR OTHER TENANTS EQUIPMENT PLANNING PROPOSAL



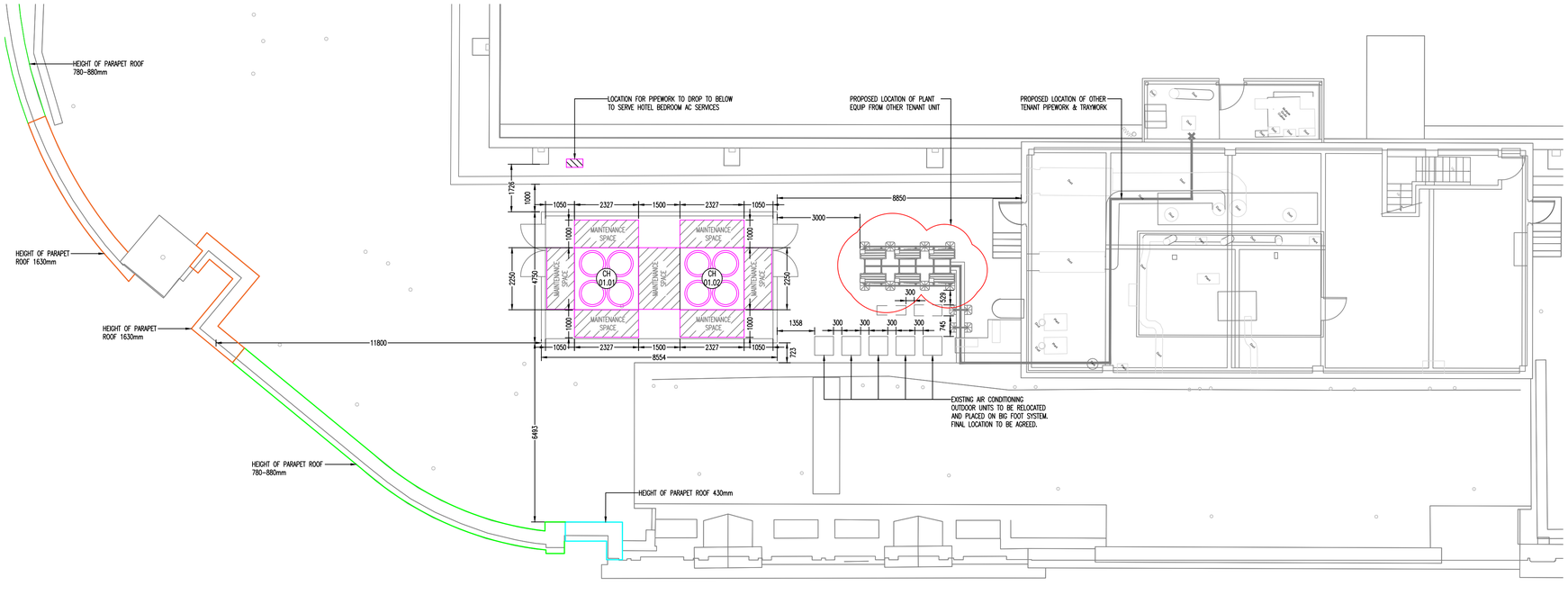
OTHER TENANT PLANT DETAIL

PLANT SCHEDULE

UNIT NAME	MAKE	MODEL	WEIGHT
CUSTOMER AREA UNIT 1	MITSUBISHI ELECTRIC	PUZ-ZM250YKA2	138KG
CUSTOMER AREA UNIT 2	MITSUBISHI ELECTRIC	PUZ-ZM250YKA2	138KG
KITCHEN AREA UNIT 1	MITSUBISHI ELECTRIC	PUZ-ZM250YKA2	138KG
KITCHEN AREA UNIT 2	MITSUBISHI ELECTRIC	PUZ-ZM250YKA2	138KG
STAFF ROOM AC UNIT	MITSUBISHI ELECTRIC	PUZ-ZM125YDA	66KG
BOTTLE STORE AC UNIT	MITSUBISHI ELECTRIC	PUZ-ZM125YDA	66KG

OR EQUIVALENT

OTHER TENANT PLANT SCHEDULE



ROOF LEVEL, Scale 1:100
MECHANICAL PLANT SERVICES LAYOUT

Scale 1:100 [m]
0 1 2 3 4 5 6 7 8 9 10

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NOTES
1. ----

CHILLED WATER
- THERE SHALL BE NO HOT WORKS UNLESS BY PRIOR AGREEMENT
- CONDENSATE LINES FROM FAN COIL UNITS TO BE INSTALLED AT A GRADIENT OF 1:50.
- ALL REFRIGERATION PIPEWORK TO BE RUN ON CABLE TRAY OR BASKET TRAY AND FULLY SUPPORTED ALONG ITS ENTIRE LENGTH
- REFRIGERANT PIPEWORK ROUTES ARE INDICATED FOR COORDINATING PURPOSES. AC INSTALLER TO CONFIRM EXACT SIZE AND ROUTING OF REFRIGERANT PIPEWORK
- ALL BRANCH CONTROLLER BOXES WILL BE PROVIDED WITH PORTISOLATION VALVES
- ALL PIPEWORK WILL BE ADEQUATELY SUPPORTED AS MANUFACTURERS RECOMMENDATIONS
- ALL PIPEWORK WILL BE SUPPORTED USING NON COMBUSTIBLE FIXINGS IN ALL CASES
- ALL PIPEWORK TO BE THERMALLY INSULATED AND VAPOUR SEALED IN LINE WITH THE SPECIFICATION AND SHALL BE CLASS O RATED.
- ALL FAN COIL UNITS / BRANCH BOXES / CONTROLLERS TO BE SUPPORTED ON EXTERNAL ANTI VIBRATION MOUNTS WITH ACOUSTIC FLEX DUCT CONNECTIONS.
- UNLESS OTHERWISE DETAILED ALL EXTERNAL CONDENSERS WILL BE MOUNTED ON BIG FOOT SYSTEM
- ALL FIRE STOPPING BY MAIN CONTRACTOR
- WHERE MULTIPLE REFRIGERANT PIPES ARE PASSING THROUGH A FIRE WALL IT IS THE CONTRACTORS RESPONSIBILITY TO ENSURE THAT PIPEWORK IS INSTALLED IN SUCH A WAY THAT FIRE PROTECTION MEASURES CAN BE INSTALLED TO ENSURE THE CORRECT RATING OF THE STRUCTURE IS MAINTAINED
- INSTALLATION TO COMPLY FULLY WITH CURRENT BUILDING REGULATIONS, BRITISH STANDARDS & IET REGULATIONS

THIS DRAWING IS PRODUCED IN ACCORDANCE WITH ARCHITECTS/MAIN CONTRACTORS DRAWING REFERENCE

13232_001/9327_ROOF_R0

REV	DESCRIPTION	DRN	CHK	DATE
T1	TENDER ISSUE	SF	MT	09.03.26

TENDER

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Project Number	Project Name
C8768	PI Manchester CC (Portland St) Manchester

Drawing Title
Building Site Plan
Mechanical Plant Services

Engineer	Checked by	Drawn By
SF	MT	SF

Date	Scale	Size
06.03.26	1:100	A1

Drawing Number

Project	Originator	Volume	Level	Type	Role	Number	Revision
C8768 -	TLP -	00 -	XX -	DR -	M -	901	T1