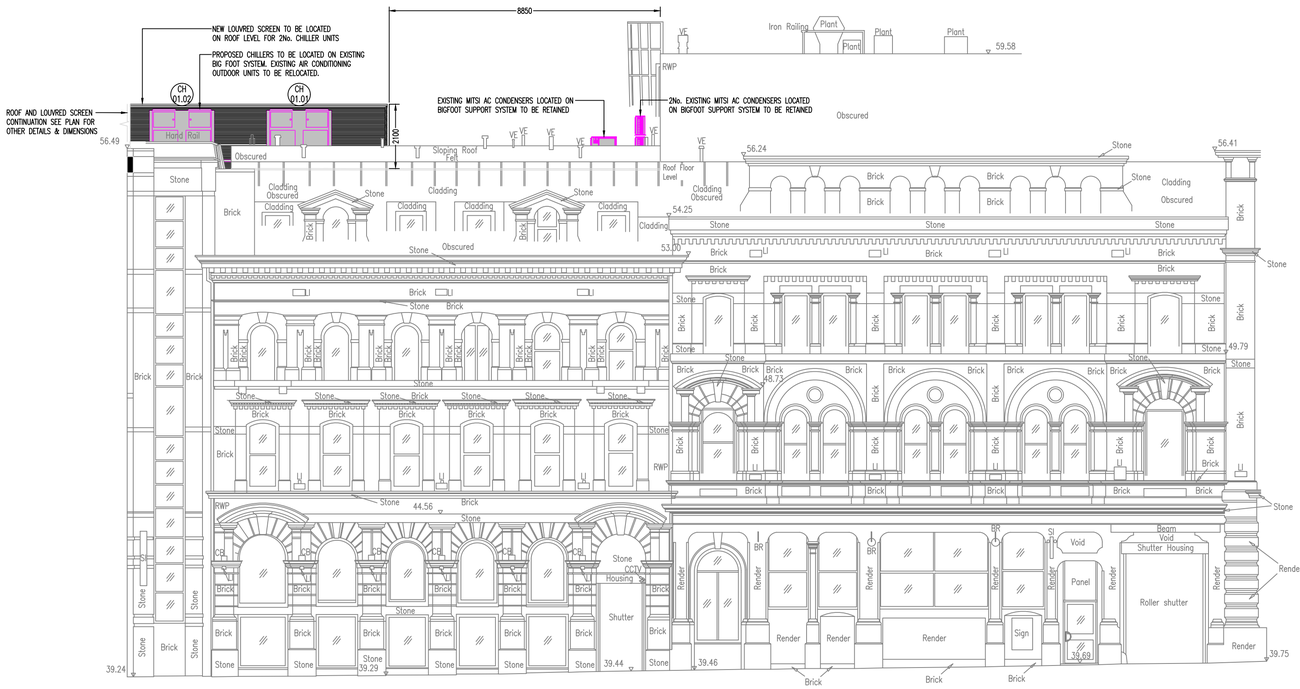
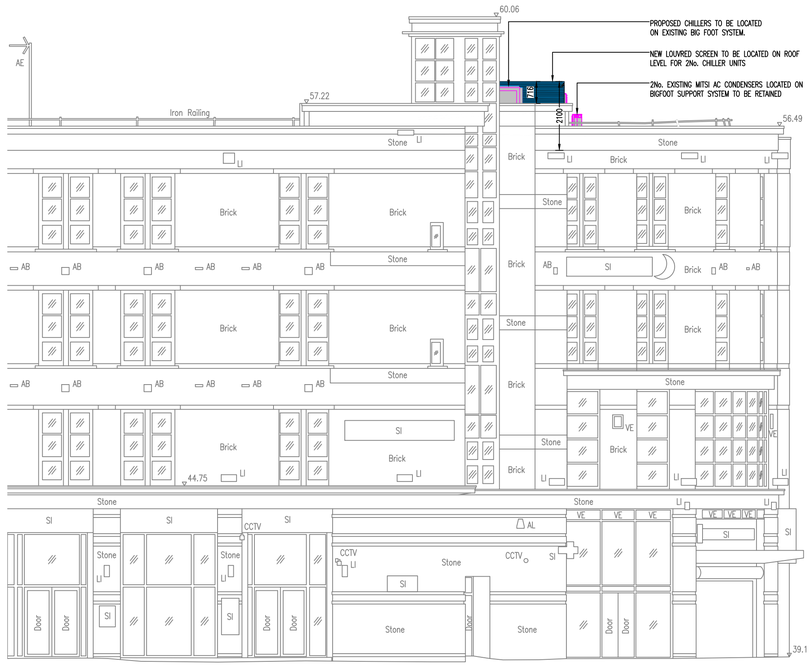
SCHEDULE OF CHILLER UNITS

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

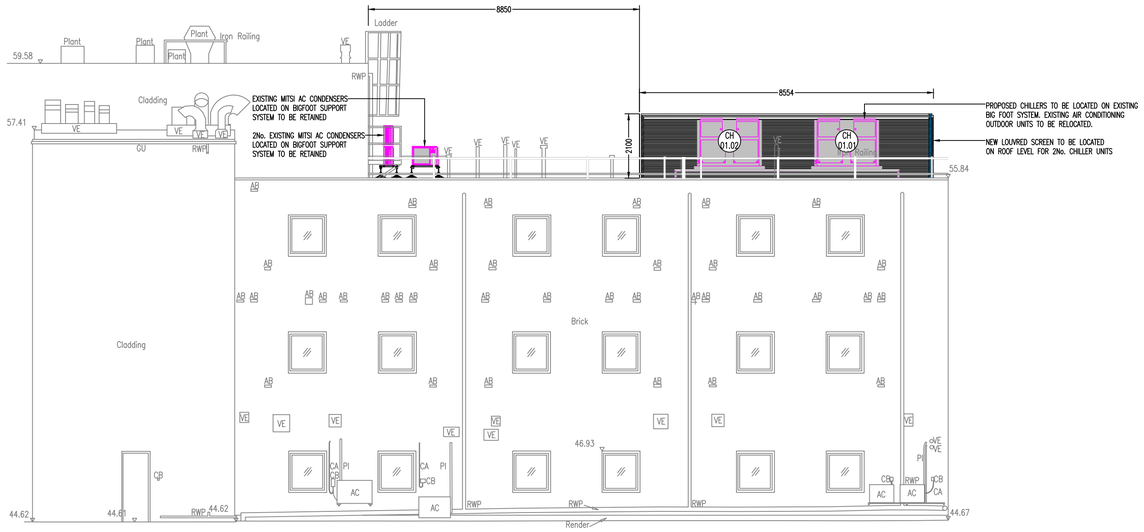
ALL CHILLER UNITS REFERENCED ABOVE ARE AS MANUFACTURED BY TRANE Tel: 07802536155 (PHIL ADDY)



ELEVATION 1 Scale 1:100
MECHANICAL PLANT SERVICES LAYOUT



ELEVATION 3 Scale 1:100
MECHANICAL PLANT SERVICES LAYOUT



ELEVATION 2 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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ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE AND MUST BE CHECKED ON SITE AND NOT SCALED FROM THIS DRAWING. THIS DRAWING IS TO BE READ IN ACCORDANCE WITH ALL RELEVANT SPECIFICATIONS AND ROOM DATA DOCUMENTS.

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
T2	UPDATED TO SUIT PLANNING COMMENTS	SF	MT	09.03.26
T1	TENDER ISSUE	SF	MT	03.07.25

TENDER

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

Drawing Title
Building Elevations
Mechanical Plant Services

Engineer: SF
Checked by: MT
Drawn By: SF
Date: 06.03.26
Scale: 1:100
Size: A1

Drawing Number
Project - Originator - Volume - Level - Type - Role - Number - Revision
C8768 - TLP - 00 - XX - DR - M - 900 - T2