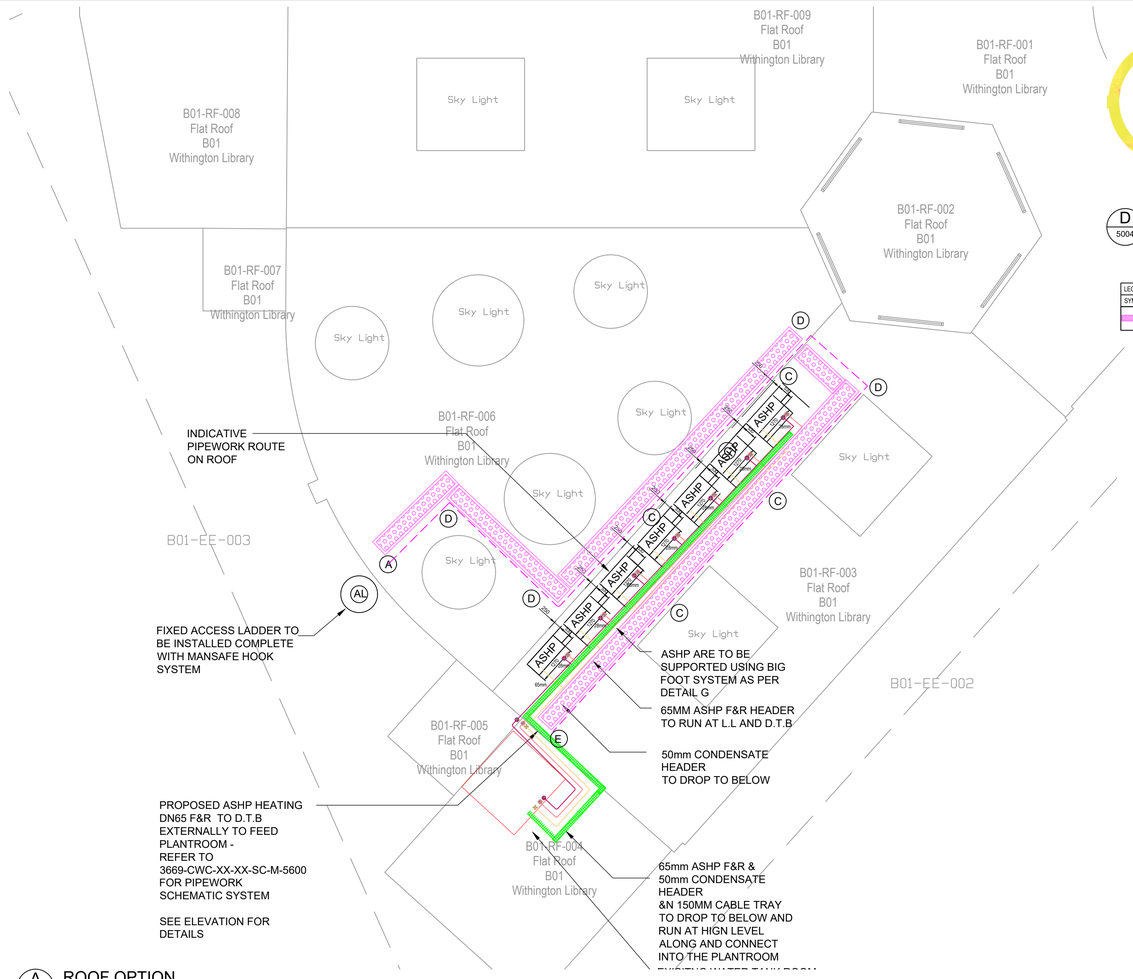
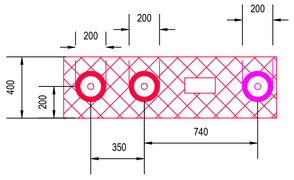


ELEVATION PLAN - NTS

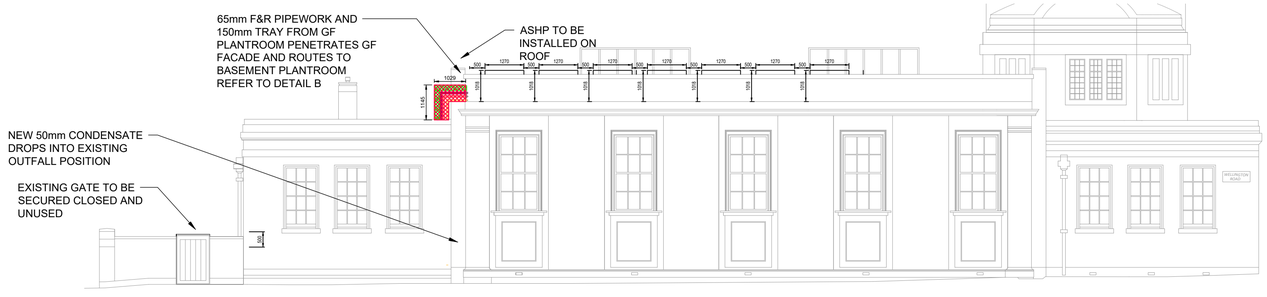


A ROOF OPTION
5004
ROOF LAYOUT
1:100

3 No 200DIA HOLES TO BE INSTALLED TO ACCOMMODATE LTHW F&R PIPEWORK AND CONDENSATE
200x150 FOR LV TRAY



B BUILDERSWORK HOLE DETAIL
5001
1:20



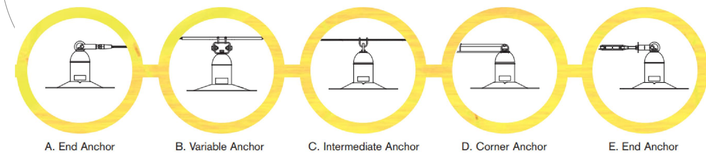
B PROPOSED ELEVATION 3
5004
1:100



C PROPOSED ELEVATION 4
5004
1:100

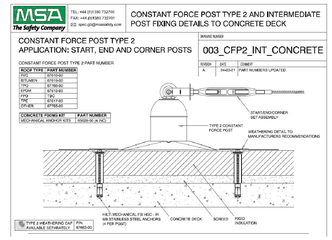


C DETAIL C
5004
TYPICAL WALL PIPEWORK & CONTAINMENT DETAIL
NTS



D DETAIL A
5004
MANSAFE SYSTEM ANCHOR SUPPORTS
NTS

LEGEND	
SYMBOL	DESCRIPTION
	600mm LONGWAYS ROOF WALK SYSTEM LIGHTWEIGHT



A DETAIL A
5004
MANSAFE SYSTEM ANCHOR ROOF FIXING DETAIL
NTS



E DETAIL G
5004
TYPICAL ASHP SUPPORT
NTS

BUILDERSWORK REFERENCING SCHEDULE			
BW TYPE (BW/XX)	SERVICE	SERVICE SIZE	CLEAR OPENING SIZE
BW01	LTHW PIPEWORK	65Ø + 22ØINS	200Ø
BW02	LTHW PIPEWORK	65Ø + 22ØINS	200Ø
BW03	CONDENSATE	50Ø	80Ø
BW04	LV CONTAINMENT	50x150mm	150x250mm

This document and its contents are the property of the Purchaser/Employer and Crookes Walker Consulting. They may not be copied or reproduced in any way, in part or whole, without prior written approval of both parties. Violations will result in legal action.
This drawing shall be read in conjunction with the CWC Mechanical and / or Electrical Specification(s).
DO NOT SCALE FROM THIS DRAWING

DESIGNERS RISK ASSESSMENT

REFER TO APPENDIX 1 OF M&E SPECIFICATION FOR DESIGNERS RISK ASSESSMENT SCHEDULE

DRAWING BACKGROUND(S):

1. THIS DRAWING HAS BEEN DEVELOPED TO RIBA STAGE 4 IN ACCORDANCE WITH BSRIA BG 6 (2018) DEVELOPED DESIGN DRAWING DEFINITIONS.
2. THE DRAWING DOES NOT INDICATE THE PRECISE POSITION OF SERVICES AND SHOWS THE INTENDED LOCATIONS OF BUILDING SERVICES ITEMS AND SERVICE ROUTES IN SUCH DETAIL AS TO INDICATE THE DESIGN. THE DRAWING DOES NOT SHOW ALL COMPONENTS THAT MAY BE NECESSARY TO LOCATE SERVICES IN A FULLY COORDINATED MANNER.
3. THE ATTACHED DRAWING TO BE READ FULLY IN CONJUNCTION WITH CWC MEP SPECIFICATION, EQUIPMENT SCHEDULES AND RIBA STAGE 3 DEVELOPED DESIGN DRAWINGS, AS WELL AS OTHER DESIGN TEAM INFORMATION INCLUDING (BUT NOT LIMITED TO) ARCHITECTURE, STRUCTURE AND FIRE ENGINEER.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FULL COORDINATION OF THE INSTALLATION AND SHALL ACCOUNT FOR ALL OTHER WORKS AND TRADES DURING AND BEFORE THEIR INCORPORATION INTO THE WORKS.
5. COORDINATION WORKING DRAWINGS, INSTALLATION DRAWINGS AND BUILDERS WORK DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR.
6. CWC IS NOT RESPONSIBLE FOR THE DESIGN AND COORDINATION OF ACCESS PLATFORMS, ACCESS COVERS, GRATINGS, LADDERS, STAIRS, RAILS AND PROTECTING ELEMENTS REQUIRED FOR FUTURE ACCESS, MAINTENANCE AND OPERATION OF THE WORKS.
7. THE BURIED SERVICES AND CABLE DUCTS ARE TO BE INSTALLED IN ACCORDANCE WITH THE NATIONAL JOINT UTILITIES GROUP (NJUG) GUIDELINES FOR ON THE POSITIONING AND COLOUR CODING OF UNDERGROUND UTILITIES.
8. THE CONTRACTOR SHALL REFER TO THE GPR SURVEY OF THE SITE AND UNDERTAKE SAFE TO DIG PROCEDURES PRIOR TO ANY WORKS BEING CARRIED OUT ON SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE PRECISE SERVICES LOCATIONS -THROUGH ADDITIONAL SURVEYS IF REQUIRED.

Rev	Date	Description	Eng	Chk
AF	13.04.26	AS FITTED	JS	GR

CWC crookes walker consulting
Suite 9a, Bloc, 17 Marble Street
Manchester M2 3AW
Tel: 0161 834 9999
The Plaza, Old Hall Street,
Liverpool L3 9QJ
Tel: 0151 600 5409
E-mail: admin@cwcon.co.uk
Website: www.cwcon.co.uk

Client
KEYIS

Project
WITHINGTON DISTRICT LIBRARY, MANCHESTER DECARBONISATION SCHEME

Drawing Title
EXISTING AND PROPOSED EXTERNAL SERVICES

Status
AS FITTED

Project No.	Drawn	Scale / Paper Size
3669	BW	1:100 @ A1

Drawing No. 3669-CWC-XX-EX-DR-M-5004
Rev AF