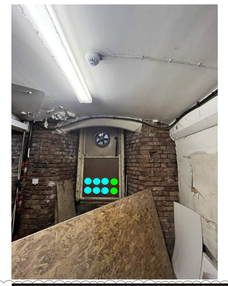
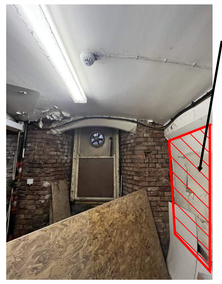


2No. 100mm DATA DUCTS BELOW IRON GRATE

6No. 100mm LV DUCTS BELOW IRON GRATE



PROPOSED WALL WITHIN LG.029 FOR EQUIPMENT MOUNTING. EQUIPMENT INCLUDES NEW DISTRIBUTION BOARD, LIGHTING CONTROL PANEL AND RELEVANT CONTAINMENT

NEW TWO COMPARTMENT TRUNKING TO RUN WITHIN EXISITNG LOWER GROUND CEILING VOID

6No. 100mm LV DUCTS AND 2No. 100mm DATA DUCTS TO PENTRATE OUT FROM JOHN OWENS LOWER GROUND TO THE EXTERNAL QUADRANGLE. DUCTING TO BE INSTALLED BELOW IRON GRATE. ANY VISIBLE DUCTING TO BE FINISHED IN BLACK.

6No. 100mm LV DUCTS AND 2No. 100mm IT DUCTS TO PENETRATE THROUGH LOWER GROUND WINDOW STACKED DISCREETLY WITHIN THE LIGHT WELL TO THE NEW BELOW GROUND PIT AND DUCT SYSTEM REFER TO DUCT EXIT DETAIL 'A'.

NEW SCHNEIDER SPLIT WAY 14+8 TP&N MCB D/B REF 01 / 0123-2

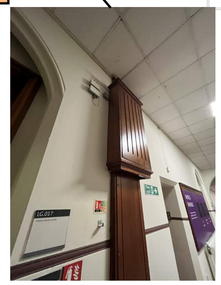
LIGHTING CONTROLS TO BE HOUSED WITHIN LG.029. LIGHTING TO BE CONTROLLED VIA TIME CLOCKS.

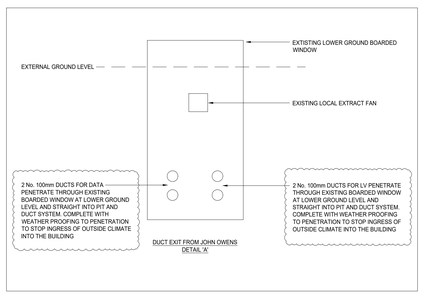
NEW 150mm CABLE TRAY FOR LV CABLE AT HIL WITHIN ROOM LG.029 1 No. 35mm XLPE/SWA/LSOH CABLE TO FEED NEW DB LOCATED ADJACENT

EXISTING SWITCHBOARD REF.01 / 0123 TO SUPPLY NEW DB

GSM MOBILE SIGNAL TO BE PROVIDED AND CONNECTED TO THE UoM COHERANT METERING SYSTEM. FULL DETAILS TO BE CONFIRMED BY THE UoM METERING SPECIALIST.

EXISTING JOHN OWENS DATA CABINET LOCATED ON LOWER GROUND. EXISTING CEILING PENTRATION TO BE UTILISED FOR NEW DATA CABLES TO ENTER CEILING VOID





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General Notes

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4. This drawing is not to be used for Construction/Installation purposes. It is a general arrangement Design Drawing and the Contractor shall produce their own Working Drawing for installation purposes.

For guidance only. Do not scale off this drawing

1:20 - 0	200mm	400mm	600mm	800mm	1000	1200	1400	1600	1800	2000
1:100 - 0	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
1:50 - 0	1m	2m	3m	4m	5m
1:0 - 1	100mm	200mm	300mm	400mm	500mm

Safety, Health & Environment Information

In addition to the hazards / risks normally associated with the types of work detailed on this drawing take note below. It is assumed that all works on this drawing will be carried out by a competent contractor, working, where appropriate, to an appropriate method statement.

Construction risks	Maintenance/Cleaning risks	Demolition/Adaption risks

LEGEND

- NEW TP&N DISTRIBUTION BOARD
- EXISTING SWITCH PANEL
- EXISTING DATA RACK
- NEW LV CABLE TRAY SIZE DENOTED ON DRAWING
- (M) METER

Rev	Description	By	Date

MAKING COMPLEX EASY
A TETRA TECH COMPANY
rpsgroup.com
London • Birmingham • Manchester • Leeds • Newcastle-upon-Tyne

Client: The University of Manchester

Project: The Old Quadrangle

Title: Proposed Lower Ground Floor Containment
John Owens

Project Stage	Scale	Date Created
Stage 4	1:100 @ A0	Sept '23
Project Lead	**Designer**	**Information Manager**
SO	NT	TS

Document Number
M14420-RPS-ZZ-B1-DR-E-
Project Code - Originator - Breakdown - Level - Type - Discipline - Unique No.

RPS Project Number: M14420
Status Code
Revision

Shared\Old Quadrangle\Current Jobs\M14420 - Univ of Manc Old Quadrangle\M - BIM\02 Auto\CAD\M14420-RPS-ZZ-B1-DR-E-E101.dwg