

Photographic Method Statement

Former Stables to the North-West of Heaton Hall

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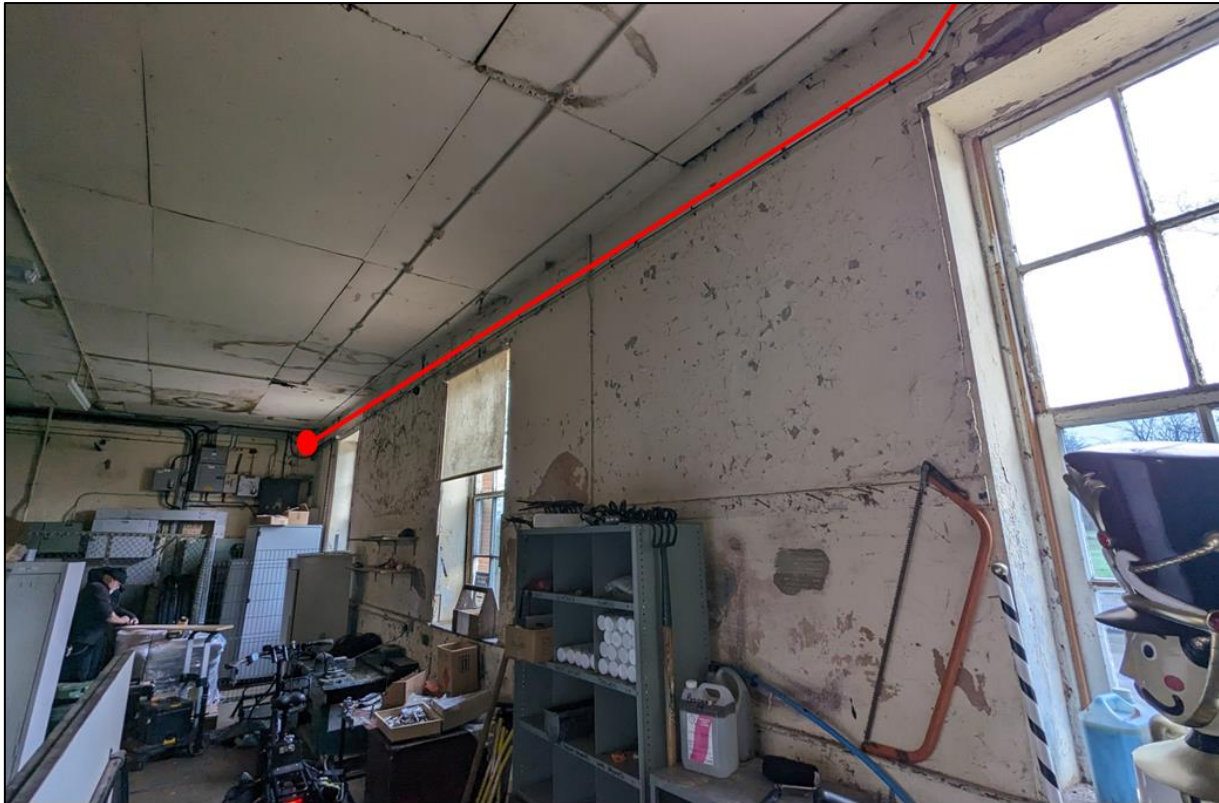
Northern Wing



Appendix 1: The photograph above illustrates GF021 Store. The comms cabinet, the containment unit from which a red line protrudes, will provide the basis for connecting access points throughout the complex with a WAN connection. From the comms cabinet, a Cat6a cable will replace existing network cabling using the same trunking clad route. As it approaches the ceiling the cable branches, one arm will provide network connection to AP3 and AP6 whilst the second branch utilizes an existing hole in the ceiling (marked by a red dot) to access the loft cavity which will be used to route the remaining 4 AP's.



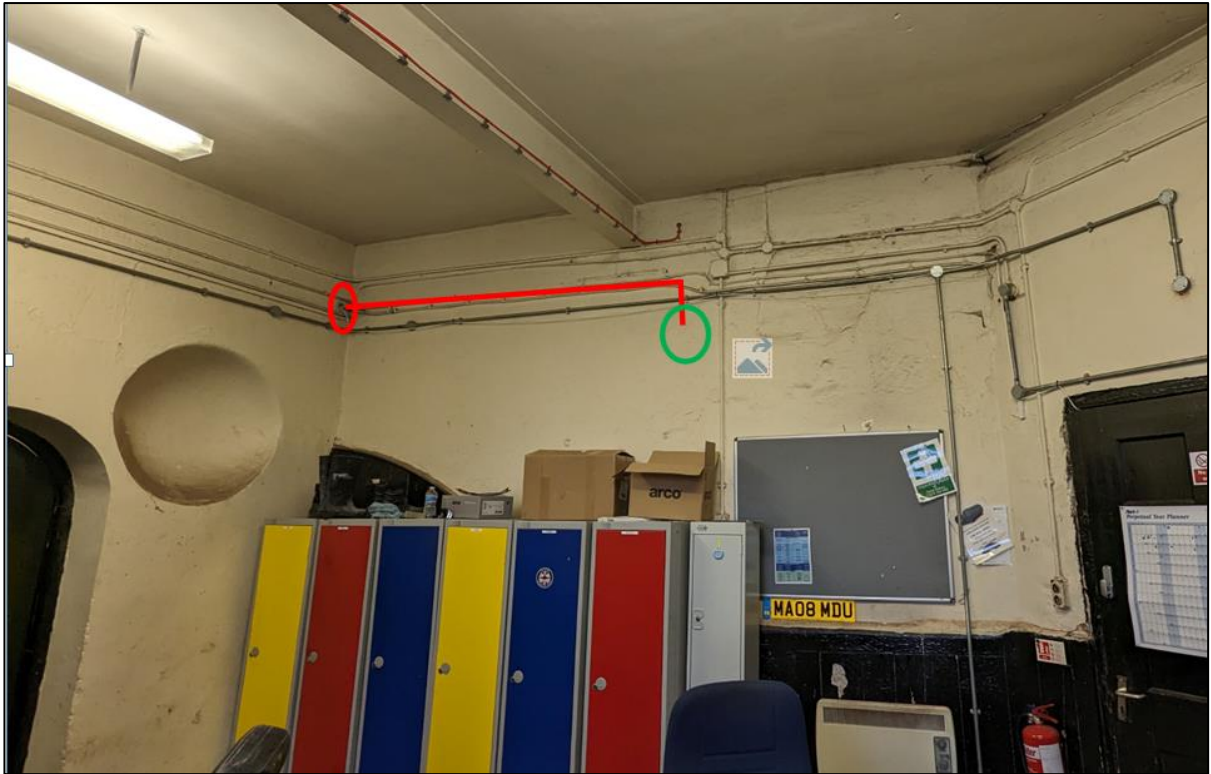
Appendix 2: Pictured above is GF021 Store. From the comms cabinet, located on the far right of the photograph, a Cat6a cable follows an existing trunked cable run to the point at which the cable branches. One branch continues to wrap around the room following the route of existing cabling towards AP3 and AP6. A second branch enters the loft cavity via an existing penetration marked by a red dot. The presence of a cable run tracing the outskirts of GF021 Store should not significantly impact the heritage value of the stables due to its present dilapidated state. Care will be taken to install cables using methods which allow for their removal without causing structural harm to the building's fabric.



Appendix 3: Pictured above is GF021 Store, the cable run, illustrated in red, continues from Appendix 2 towards an existing penetration in the wall separating GF021 Store and GF027 Store.



Appendix 4: Pictured above is GF027 Store. The central red dot indicates the point at which the cable run enters from GF021 using an existing penetration. As the Cat6a cable enters GF027 the route branches with the left branch utilizing a penetration in the ceiling to access 014 Office. As the route branches towards the right it uses an existing penetration to access 024 Staff Room.



Appendix 5: The photograph above, taken in 024 Staff Room, indicates through the use of a red circle the point at which the aforementioned cable run enters 024 Staff Room. From this existing penetration the cable follows an existing cable run, terminating with the installation of AP3, the location of which is indicated by a green circle.



Appendix 6: The photograph adjacent, taken in 014 Office, indicates the point at which the cable run pictured in Appendix 4 passes from GF021 into 024 Staff Room. This is done utilizing an existing penetration indicated by the red circle. The cable then utilizes the existing trunking encircling 024 Staff Room to provide network connection to AP6.



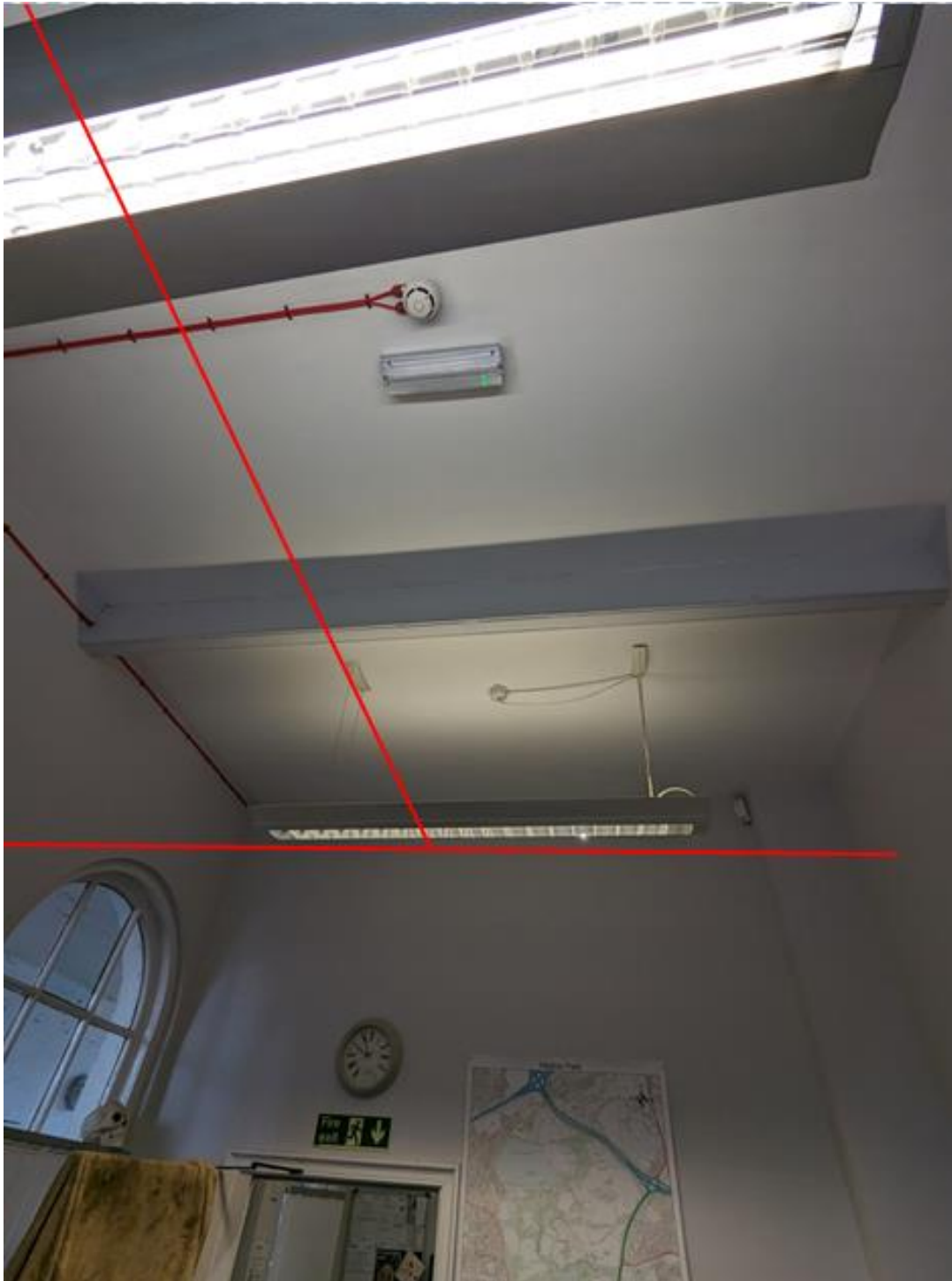
Appendix 7: The photograph above, taken in 014 Office, illustrates the continuation of the cable run detailed in Appendix 6 with its termination at the point marked by a green circle indicating the point at which an access point is to be installed. The cable run primarily utilizes an existing stretch of trunking and will then use a steel conduit to run up the wall and provide network connection to the access point.



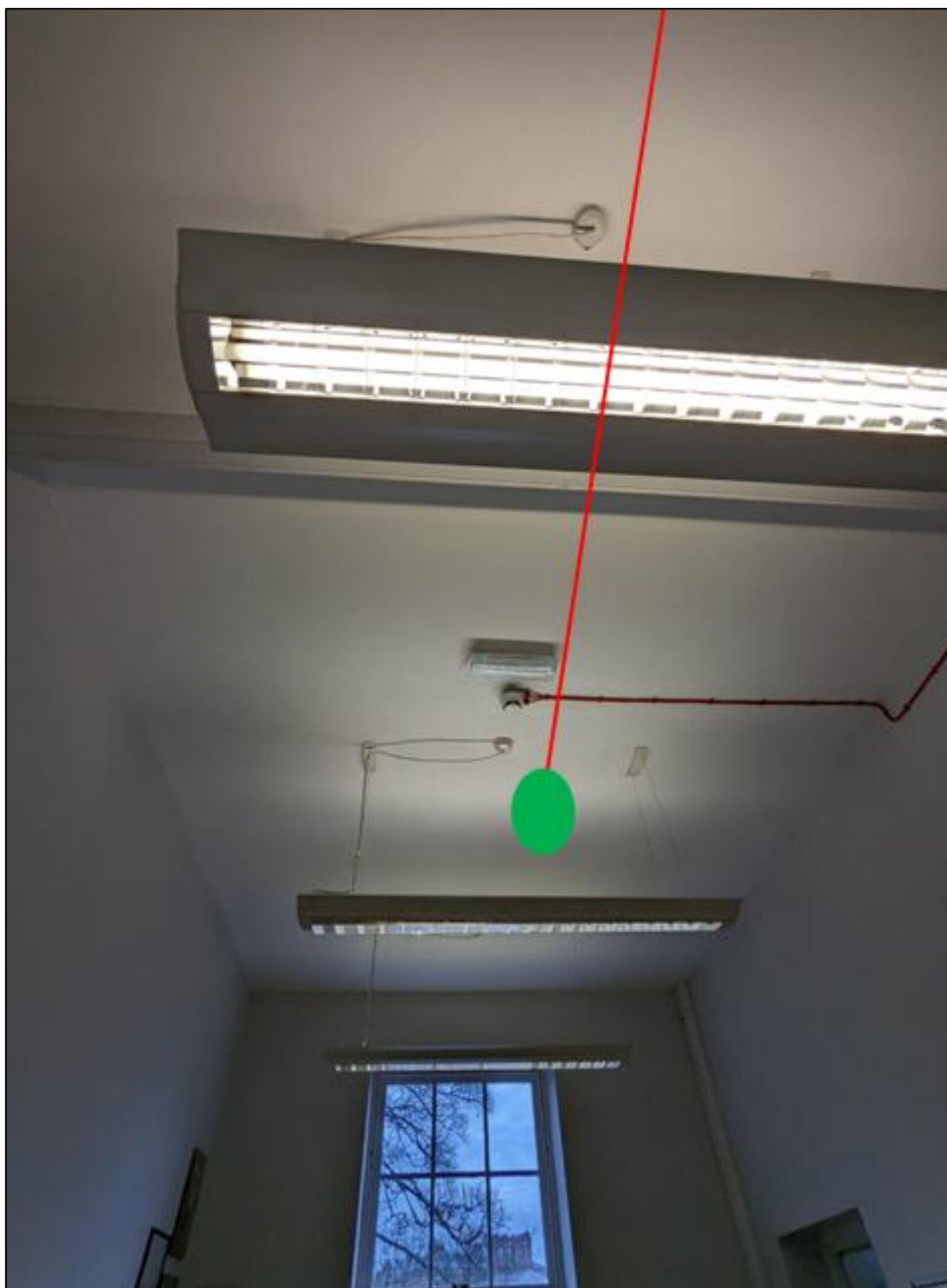
Appendix 8: GF018 Office, pictured above, is to see the installation of a single access point (AP4) in its ceiling. AP4 will be wired from the comms cabinet via the ceiling void mentioned in Appendix 1.



Appendix 9: GF030 Office, pictured above, shows a second cable running from the point at which the run enters the loft void, as opposed to the first which terminates with AP5, pictured in Appendix 8. Within the loft void, the cable run branches, with the branching arm terminating in Appendix 11 with AP5 in 031Office and the continuing cable run bridging 001 Circ.



Appendix 10: 031 Office, pictured above, illustrates the point at which the cable patching AP5 branches from its continued course towards 001 Circ. The cable run utilizes the loft to remain unseen and to avoid disturbing the buildings historic character.



Appendix 11: 031 Office, pictured above, is illustrated with detail of the proposed cable run which utilizes the aforementioned ceiling void to patch AP5. The proposed location of AP5 is indicated by the presence of a green circle. It is to be affixed to the ceiling using a steel bracket. As the ceiling already plays host to a series of devices the presence of an access point should not further compromise the rooms historic character or fabric.



Appendix 12: As mentioned in Appendix 9 and 10, the cable run, continuing via its loft access, bridges 001 Circ. Pictured above is an image illustrating that passage. The cable run continues onwards from the right of the photograph (with the branch patching AP5 illustrated) and passes through the loft space above 001 Circ. passing into 002 Circ.

Southern Wing



Appendix 13: As mentioned in Appendix 12, the cable run passes from 001 Circ. into 002 Circ. via the loft space. The red line illustrated above indicates the cables continued use of the loft space to pass from 002 Circ. into 016 Kitchen (as can be seen in Appendix 14).



Appendix 14: As mentioned in Appendix 13, the cable run passes via the loft space between 002 Circ. and 016 Kitchen. Photographed above, the cable enters 016 Kitchen via 002 Circ. and using the ceiling void is routed through the wall facing the Café area (as seen in Appendix 15).



Appendix 15: Pictured above is the cable run mentioned in Appendices 13 and 14. Utilizing the ceiling void, the cable run enters the 005/015 Café area by drilling a single 20mm hole (Drill 3). As can be seen above, the buildings fabric is currently perforated by several such holes and in keeping with the existent style of service elements, any visible stretches of cabling will be affixed using a steel or copper trunking.



Appendix 16: Pictured above is the wall partitioning 005 Café from 015 Café, which bisects the large room. Drill 3, mentioned in Appendix 15, will penetrate the wall separating 016 Kitchen from the Café area level with the top of the partitioning wall. In doing so, the visual impact of alterations made through the installation of Wi-Fi are minimised as a Cat6a cable will be run along the top of the wall, meaning that the cable is completely invisible from eye level.



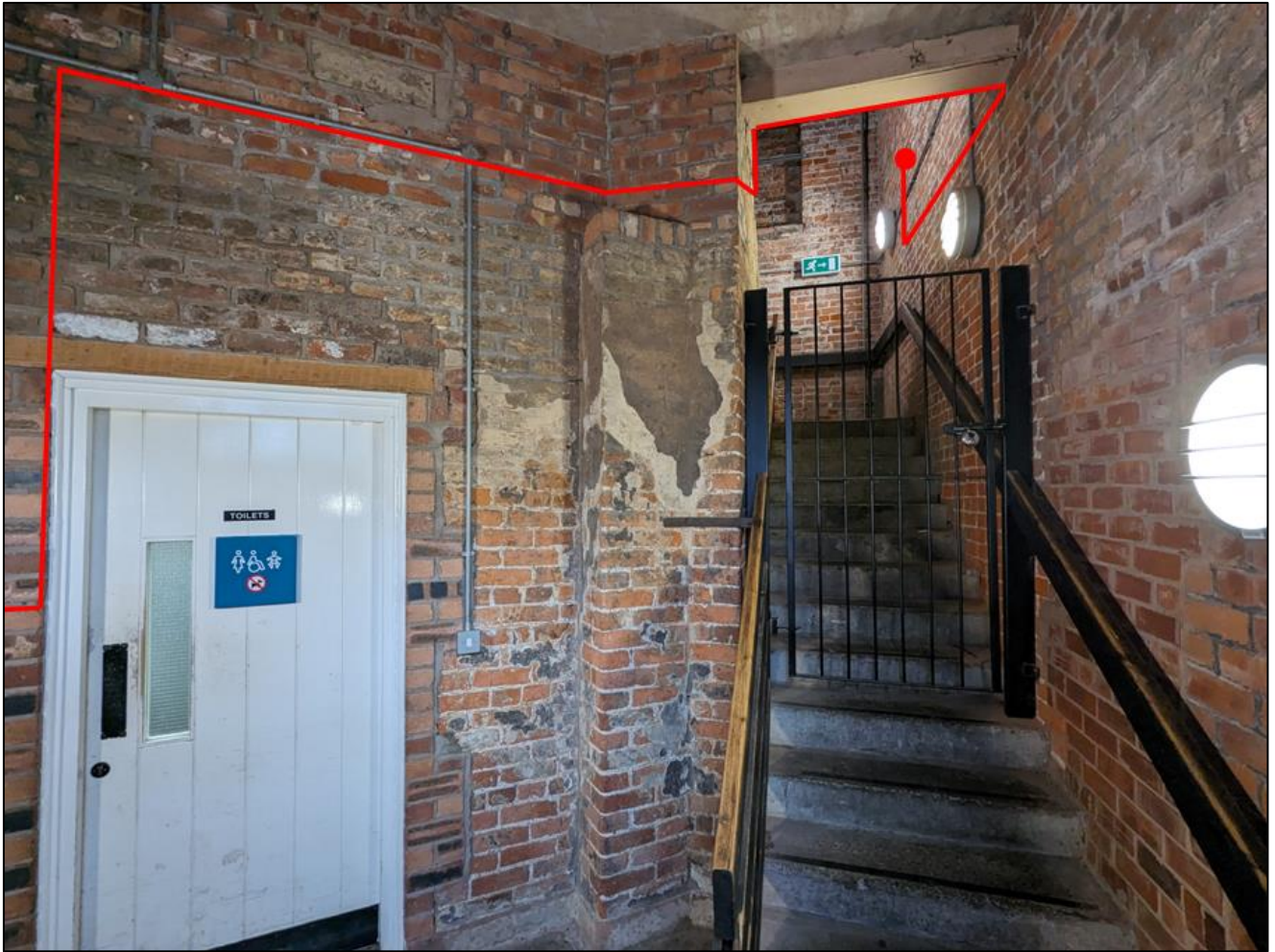
Appendix 17: Following from Appendix 16, the cable continues to run along the top of the partitioning wall with AP1 to be affixed to a wooden beam using industrial Velcro. More detail on its location can be found detailed in Appendix 18.



Appendix 18: Pictured above, Appendix 18 illustrates the location of AP1, affixed to the beam running perpendicular to the partitioning wall using industrial Velcro, chosen to minimize damage should the device be removed in the future. The device itself should not significantly impact the historic character of the space due to the presence of existent devices installed using the wooden beams. A second branch of the Cat6a cable run will continue to run along the partitioning wall, then using the lip of the false wall to remain hidden and finally dropping towards the door to 013 Circ. using steel or copper trunking to minimize the visual impact of the cable.



Appendix 19: Pictured above is the door separating 015 Café from 013 Circ., the proposed cable run, highlighted in red, continues from the Cat6a cable run mentioned in Appendix 18. As can be seen above, the cable will be affixed to the wall adjacent to the door and a single penetration will be made in the doors frame to route the cable from 015 Café into 013 Circ (Drill 2). Due to a lack of existing penetrations between these two areas, this method has been agreed upon as the only viable means of providing internet access to 044 Activity Classroom. Wherever possible the cable route will be installed in such a way as to minimize its impact upon the buildings fabric and historic character. As such, the cable will be clad using steel trunking to minimize the visual impact upon its surroundings.



Appendix 20: The cable entering 013 Circ. via the doorframe penetrated by Drill 2, detailed in Appendix 19, enters the room from the left of the photograph above. It then follows the contours of the room culminating in Drill 3 which provides access to 044 Activity Classroom. This entire portion of cabling will be clad using steel trunking, matching the rooms existing cabling.

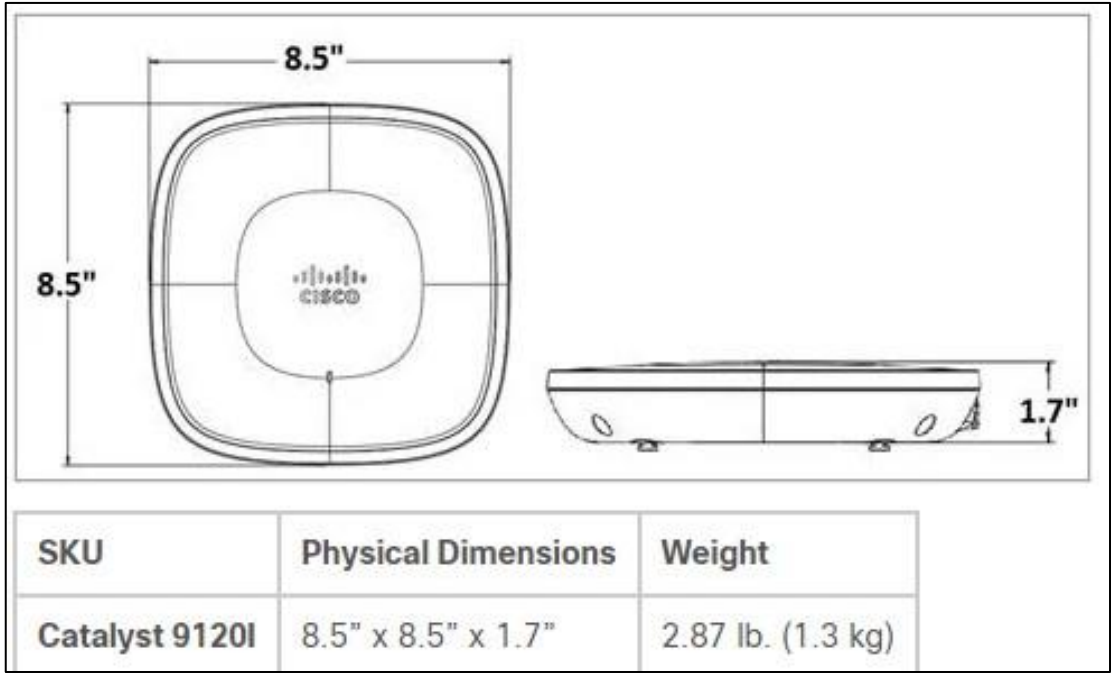


Appendix 21: Pictured above, Drill 3 enters 044 Activity Classroom via 013 Circ. AP2 is to be affixed using a steel wall bracket directly over this point, terminating the route. As the SDA access point mirrors existing equipment in the space, its impact on the character of the building is minimal.

Sample Access Point and Bracket



Appendix 22: Sample of an SDA access point, of the same type to be installed in Blackley Crematorium.



Appendix 23: Diagram illustrating the dimensions of an SDA access point of the type to be installed in Blackley Crematorium.



Appendix 24: Bracket used to affix SDA AP's to wall surfaces. Please note Velcro is to be used for AP's 3, 5, 6 & 8 due to their sensitive location.