



maparch

MAP Archaeological Practice

Swinden Technology Centre
Moorgate Road
Rotherham
South Yorkshire

MAP 5-18-2021

SK 44225 91091
OASIS ID. Maparcha1-516013
RB2020/1591

HISTORIC BUILDING RECORD (LEVEL II)

MAP Archaeological Practice Ltd © 2022

Swinden Technology Centre
Moorgate Road
Rotherham
South Yorkshire

SK 42225 91091
RB2020/1591
MAP 5-18-2021

HISTORIC BUILDING RECORD (LEVEL 2)

Contents	Page
Figure List	2
Plate List	3
Appendix List	13
Non-Technical Summary	14
1. Introduction	15
2. Site Description	17
3. Aims and Objectives	18
4. Policy Context	18
5. Methodology and Significance Criteria	23
6. Results	24
7. Change over Time	45
8. Conclusions	49
9. References and Bibliography	50
10. List of Contributors	52

Figure List	Page
1. Site Location. Scale 1:20,000	17
2. Site Layout (Canteen & Blocks A-H, J-L, Q & R). Scale 1:2,000.	53
3. Drone Photo Locations West. Scale 1:500.	54
4. Drone Photo Locations Centre. Scale 1:500.	55
5. Drone Photo Locations East. Scale 1:500.	56
6. Exterior Photo Locations West. Scale 1:500.	57
7. Exterior Photo Locations Centre. Scale 1:500.	58
8. Exterior Photo Locations East. Scale 1:500.	59
9. Block C - Ground Floor. Scale 1:200.	60
10. Block C - First and Second Floors. Scale 1:200.	61
11. Block A - Ground Floor. Scale 1:200.	62
12. Block A - First Floor. Scale 1:200.	63
13. Block H - Ground Floor and Basement. Scale 1:200.	64
14. Block H - First Floors. Scale 1:200.	65
15. Block B - Ground Floor. Scale 1:200.	66
16. Block B - First Floor. Scale 1:200.	67
17. Block D - Ground Floor. Scale 1:250.	68
18. Block F - All Floors (Ground, First & Second). Scale 1:200.	69
19. Block G - Ground Floor. Scale 1:200.	70
20. Block J - All Floors (Ground & First). Scale 1:200.	71
21. Block K - All Floors (Basement, Ground & First) Scale 1:200.	72
22. Block L - All Floors (Basement, Ground & First). Scale 200.	73
23. Block Q - All Floors (Ground, First & Second). Scale 1:200.	74

24. Block R - Ground Floor. Scale 1:200.	75
25. Canteen - Ground Floor. Scale 1:200.	76

Plate List	Page
1. Swinden Technology Centre from Drone (DJI_0090). Facing North-west.	77
2. Block C from Drone (DJI_0078). Facing West	77
3. Block C from Drone (DJI_0075). Facing East.	78
4. Block C: Exterior East Elevation (Swinden10_14). Facing West.	78
5. Block C: Exterior East Elevation (Swinden10_17). Facing West.	79
6. Block C: Exterior East Elevation (Swinden10_13). Facing South-west.	79
7. Block C: Exterior West Elevation (Swinden9_33). Facing North-east.	80
8. Block A: Exterior North Elevation (Swinden10_15). Facing South.	80
9. Block A: Exterior North Elevation (Swinden9_31). Facing East.	81
10. Block A: Exterior North and East Elevations (Swinden9_16). Facing South-west.	81
11. Block A: Exterior South Elevation (Swinden9_18). Facing North-west.	82
12. Block A: Exterior South Elevation (Swinden9_19). Facing North-east.	82
13. Block A: Exterior West & South Elevations (Swinden9_21). Facing North-east.	83
14. Block H: Exterior East & South Elevations (Swinden9_23). Facing South-west.	83
15. Block H: Exterior West & South Elevations (Swinden9_24). Facing North-east.	84
16. Block H: Exterior West Elevation (Swinden9_25). Facing East.	84
17. Block H: Exterior North Elevation (Swinden9_27). Facing North-east.	85
18. Block H: Exterior North Elevation (Swinden9_29). Facing South-west.	85
19. Block B from Drone (DJI_0072). Facing South.	86
20. Block B: Exterior North Elevation (Swinden10_07). Facing South-east.	86
21. Block B: Exterior East Elevation (Swinden10.12). Facing West.	87
22. Block B: Exterior North Elevation (Swinden10.10). Facing South-west.	87
23. Block B: Exterior North Elevation (Swinden10_07). Facing South-east.	88
24. Block B: Exterior North Elevation (Swinden10.09). Facing South.	88
25. Block B: Exterior West Elevation (Swinden 10_06). Facing East.	89
26. Block B: Exterior South Elevation (Swinden10_05). Facing North-east.	89
27. Block D from Drone (DJI_0126). Facing South-east.	90
28. Block D from Drone (DJI_0134). Facing North-east.	90
29. Block D: Exterior West Elevation (Swinden9_37). Facing North-east.	91
30. Block D: Exterior West Elevation (Swinden13_06). Facing South-east.	91
31. Block D: Exterior West Elevation (Swinden10_03). Facing East.	92

32.	Block D: Exterior South Elevation (Swinden9_35). Facing South-west.	92
33.	Block D: Exterior South Elevation (Swinden9_35). Facing North-east.	93
34.	Block D: Exterior North Elevation (Swinden10_04). Facing North-east.	93
35.	Block F from Drone (DJI_0213). Facing West.	94
36.	Block F: Exterior East Elevation (Swinden10_22). Facing North-west	94
37.	Block F: Exterior South & West Elevations (Swinden13_18). Facing North.	95
38.	Block F: Exterior East & South Elevations (Swinden10_25). Facing West.	95
39.	Block F: Exterior East and North Elevations (Swinden13_26). Facing West.	96
40.	Block F: Exterior North Elevation (Swinden10_35). Facing South.	96
41.	Blocks G & F from Drone (DJI_0219). Facing East.	97
42.	Block G: Exterior South Elevation (Swinden10_29). Facing North.	97
43.	Block G: Exterior West Elevation (Swinden10_30). Facing North-east.	98
44.	Block G: Exterior West Elevation (Swinden10_31). Facing South-east.	98
45.	Block G: Exterior North & West Elevations (Swinden10_33). Facing East.	99
46.	Block J from Drone (DJI_0143). Facing North.	99
47.	Block J: Exterior North & West Elevations (Swinden11_02). Facing South-east.	100
48.	Block J: Exterior East & North Elevations (Swinden11_03). Facing South.	100
49.	Block J: Exterior East & South Elevations (Swinden11_04). Facing North-west.	101
50.	Block J: Exterior South & West Elevations (Swinden11_06). Facing North.	101
51.	Block J: Exterior West Elevation (Swinden11_07). Facing East.	102
52.	Block K from Drone (DJI_0166). Facing West.	102
53.	Block K from Drone (DJI_0172). Facing East.	103
54.	Block K: Exterior North Elevation (Swinden13_12). Facing East.	103
55.	Block K: Exterior East & North Elevations (Swinden11_12). Facing West.	104
56.	Block K: Exterior East & South Elevations (Swinden11_15). Facing West.	104
57.	Block K: Exterior West Elevation (Swinden11_19). Facing East.	105
58.	Blocks E & L from Drone (DJI_0153). Facing North-west.	105
59.	Block L from Drone (DJI_0162). Facing South-east.	106
60.	Block E: Exterior South & East Elevations (Swinden13_14). Facing North-west.	106
61.	Blocks E & L: Exterior North & East Elevations (Swinden10_18). Facing South-west.	107

62.	Block L: Exterior East & South Elevations (Swinden11_22). Facing West.	107
63.	Block L: Exterior South & West Elevations (Swinden11_20). Facing North-east.	108
64.	Block L: Exterior West & North Elevations (Swinden11_24). Facing East.	108
65.	Block L: Exterior North & West Elevations (Swinden11_25). Facing South-west.	109
66.	Block Q from the Drone (DJI_0051). Facing South-east.	109
67.	Block Q: Exterior West Elevation (Swinden11_26). Facing East.	110
68.	Block Q: Exterior North Elevation (Swinden11_27). Facing South.	110
69.	Block Q: External East Elevation (Swinden11_28). Facing West.	111
70.	Block Q: External East & South Elevations (Swinden11_29). Facing North-west.	111
71.	Block Q: Exterior South Elevation (Swinden11_30). Facing North.	112
72.	Block R from the Drone (DJI_0147). Facing North-east.	112
73.	Block R: Exterior South Elevation (Swinden11_10). Facing North.	113
74.	Block R: Exterior East Elevation (Swinden11_08). Facing South.	113
75.	Block R: Exterior North Elevation (Swinden10_36). Facing South.	114
76.	Canteen from the Drone (DJI_0268). Facing West.	114
77.	Canteen from the Drone (DJI_0274). Facing North.	115
78.	Canteen: Exterior North Elevation (Swinden11_31). Facing East.	115
79.	Canteen: Exterior East Elevation (Swinden11_33). Facing West.	116
80.	Canteen: Exterior South Elevation (Swinden11_34). Facing North-west.	116
81.	Block C: Entrance (Swinden5_36). Facing West.	117
82.	Block C: Interior Ground Floor Room C188 (Swinden5_35). Facing North.	117
83.	Block C: Interior Ground Floor Room C188 (Swinden4/37). Facing North-west.	118
84.	Block C: Interior Ground Floor Room C118 (Swinden1_20). Facing South-west.	118
85.	Block C: Interior Ground Floor Room C118 (Swinden11_21). Facing North-east.	119
86.	Block C: Interior Ground Floor Room C117/117A (Swinden11_22). Facing North.	119
87.	Block C: Interior Ground Floor Corridor to Block D (Swinden11/02). Facing West.	120
88.	Ground Floor Stairs between Block C & B (Swinden11_23). Facing North-west.	120
89.	Block C: Interior First Floor Corridor (Swinden11_25). Facing South.	121

90.	Block C: Interior First Floor Stairs to Room C193 (Swinden11_26). Facing South-west.	121
91.	Block C: Interior First Floor Stairs to Room C192 (Swinden11_31). Facing North-west.	122
92.	Block C: Interior First Floor Room C135/C137 (Swinden11_27). Facing South.	122
93.	Block C: Interior First Floor Room C135/C137 (Swinden11_28). Facing North.	123
94.	Block C: Interior First Floor Room C132/C134 (Swinden11_29). Facing North-west.	123
95.	Block C: Interior First Floor Room Corridor Clock (Swinden11_30). Facing West.	124
96.	Blocks B & C: Interior First Floor Stairs (Swinden11/24). Facing North-west.	124
97.	Block C: Interior Ground Floor Room C150/150D (Swinden11_37). Facing North.	125
98.	Block C: Interior Ground Floor Room C150/150A/150D (Swinden15_18). Facing South-east.	125
99.	Block C: Interior Second Floor Room C156 (Swinden11_35). Facing South.	126
100.	Block C: Interior Second Floor Room C156 (Swinden11_36). Facing North.	126
101.	Block C: Interior Second Floor Room 152/152A (Swinden5_17). Facing North.	127
102.	Block A: Interior Ground Floor Entrance Hall & Stairs (Swinden5_07). Facing South.	127
103.	Block A: Interior Ground Floor Stairs (Swinden2_12) Facing North.	128
104.	Block A: Interior Ground Floor Room A1A (Swinden2_10). Facing South-west.	128
105.	Block A: Interior Ground Floor Room A1 (Swinden2_08). Facing North-east.	129
106.	Block A: Interior Ground Floor Room A1 (Swinden2_09). Facing South-west.	129
107.	Block A: Interior Ground Floor Room A2 (Swinden5_09). Facing South-west.	130
108.	Block A: Interior Ground Floor Room A2 (Swinden2_05). Facing North.	130
109.	Block A: Interior Ground Floor Room A6 (Swinden2_03). Facing West.	131
110.	Block A: Interior Ground Floor Room A8 (Swinden2_02). Facing North-east.	131

111.	Block A: Interior Ground Floor Room A8 (Swinden2_01). Facing North.	132
112.	Block A: Interior Ground Floor Room A14 (Swinden5_12). Facing West.	132
113.	Blocked Entrance to Block A South (Swinden5_01). Facing North.	133
114.	Block A: Interior First Floor Stairs (Swinden5_04) Facing North.	133
115.	Block A: Interior First Floor Corridor (Swinden2_14). Facing West.	134
116.	Block A: Interior First Floor Corridor & Skylight (Swinden5_02). Facing East.	134
117.	Block A: Interior First Floor Entrance to Block C (Swinden2_17). Facing North.	135
118.	Block A: Interior First Floor Room A27 (Swinden2_15). Facing East.	135
119.	Block A: Interior First Floor Room A27 (Swinden2_16). Facing West.	136
120.	Block A: Interior First Floor Room A54 (Swinden2_23). Facing West.	136
121.	Block A: Interior First Floor Room A54 (Swinden2_24). Facing South-east.	137
122.	Block H: Interior Ground Floor Stairs (Swinden2_25). Facing West.	137
123.	Block H: Interior Ground Floor Corridor (Swinden2_27). Facing West.	138
124.	Block H: Interior Ground Floor Corridor (Swinden3_03) Facing East.	138
125.	Block H: Interior Ground Floor Goods Lift (Swinden3_16). Facing West.	139
126.	Block H: Interior Basement Duct (Swinden7_24). Facing South.	139
127.	Block H: Interior Basement Duct (Swinden7_22). Facing North.	140
128.	Block H: Interior Ground Floor Room H4 (Swinden2_28). Facing East.	140
129.	Block H: Interior Ground Floor Room H4 (Swinden2_29). Facing West.	141
130.	Block H: Interior Ground Floor Room H10 (Swinden2_35). Facing South.	141
131.	Block H: Interior Ground Floor Room H10 (Swinden2_34). Facing North.	142
132.	Block H: Interior Ground Floor Room H12 (Swinden3_06). Facing West.	142
133.	Block H: Interior Ground Floor Room H12 (Swinden3_07). Facing East.	143
134.	Block H: Interior Ground Floor Room H12D (Swinden3_09). Facing North.	143
135.	Block H: Interior Ground Floor Room H12G (Swinden3_05). Facing South-west.	144
136.	Block H: Interior First Floor Corridor (Swinden3_24). Facing East.	144

137.	Block H: Interior First Floor Room H22/H24 (Swinden3_26). Facing South-west.	145
138.	Block H: Interior First Floor Room H28 (Swinden3_25). Facing North.	145
139.	Block H: Interior First Floor Room H38/42 (Swinden3_22). Facing West.	146
140.	Block H: Interior First Floor Room H40 (Swinden3_20) Facing East.	146
141.	Block H: Interior Roof Access (Swinden3_28). Facing South.	147
142.	Block B Ground Floor Entrance from Block C (Swinden4_10). Facing North.	147
143.	Block B: Interior Ground Floor East Entrance (Swinden4_12). Facing East.	148
144.	Block B: Interior Ground Floor Corridor (Swinden4_31). Facing West.	148
145.	Block B: Interior Ground Floor Corridor (Swinden5_22). Facing East.	149
146.	Block B: Interior Ground Floor Room B61 (Swinden4_14). Facing West.	149
147.	Block B: Interior Ground Floor Room B71 (Swinden4_16). Facing West.	150
148.	Block B: Interior Ground Floor Room B68 (Swinden4_20). Facing South.	150
149.	Block B: Interior Ground Floor Room B68A (Swinden4_23). Facing West.	151
150.	Block B: Interior Ground Floor Room B69 (Swinden4_25). Facing South.	151
151.	Block B: Interior Ground Floor Room B78/B79 (Swinden4_26). Facing West.	152
152.	Block B: Interior First Floor Corridor & Skylight (Swinden3_30). Facing North.	152
153.	Block B: Interior First Floor Corridor (Swinden5_21). Facing South.	153
154.	Block B: Interior First Floor Corridor (Swinden4_04). Facing South-west.	153
155.	Block B: Interior First Floor Room B88 (Swinden3_33). Facing North-west.	154
156.	Block B: Interior First Floor Room B88 (Swinden3_32). Facing North-west.	154
157.	Block B: Interior First Floor Room B89/B90 (Swinden3_35). Facing North-east.	155
158.	Block B: Interior First Floor Room B91 (Swinden3_37). Facing North-west.	155
159.	Block B: Interior First Floor Room B91 (Swinden4_01). Facing North-east.	156

160.	Block B: Interior First Floor Room B102/B102A (Swinden4_07). Facing West.	156
161.	Block D: Interior Corridor D186 (Swinden3_32). Facing East.	157
162.	Block D: Interior Room D182 (Swinden5_34). Facing West.	157
163.	Block D: Interior Room D182 (Swinden5_33). Facing East.	158
164.	Block D: Interior Room D175A (Swinden1_14). Facing North.	158
165.	Block D: Interior Room D216 (Swinden1_16). Facing West.	159
166.	Block D: Interior Room D211 (Swinden1_18). Facing East.	159
167.	Block D: Interior Room D176/D179 (Swinden5_29). Facing West.	160
168.	Block D: Interior Room D176/D179 (Swinden5_31). Facing East.	160
169.	Block D: Interior Room D179A (Swinden1_06). Facing North-west.	161
170.	Block D: Interior Room D214 (Swinden6_04). Facing East.	161
171.	Block F: Interior Ground Floor Room F8 (Swinden6_12). Facing South.	162
172.	Block F: Interior Ground Floor Room F8/F10 (Swinden12_01). Facing North.	162
173.	Block F: Interior Ground Floor Room F8 (Swinden12_02). Facing North-west.	163
174.	Block F: Interior Ground Floor Room F8 (Swinden12_04). Facing South-east.	163
175.	Block F: Interior Ground Floor Room F8 (Swinden6_20). Facing North.	164
176.	Block F: Interior Ground Floor Room F7 (Swinden6_19). Facing South-west.	164
177.	Block F: Interior First Floor Room F4 (Swinden6_21). Facing East.	165
178.	Block F: Interior First Floor Room F3 (Swinden6_22). Facing West.	165
179.	Block F: Interior First Floor Room F4 (Swinden6_24). Facing East.	166
180.	Block F: Interior Second Floor Room F5 (Swinden6_23). Facing South-west.	166
181.	Block G: Interior Mezzanine (Swinden6_25). Facing North.	167
182.	Block G: Interior Mezzanine (Swinden6_26). Facing South.	167
183.	Block G: Interior Mezzanine & Room G2 (Swinden6_31). Facing North-east.	168
184.	Block G: Interior Room G2 (Swinden7_05). Facing South-west.	168
185.	Block G: Interior Room G1 (Swinden6_30). Facing South.	169
186.	Block G: Interior Room G1 (Swinden 6_32). Facing North.	169
187.	Block G Extension: Room G15 (Swinden6_35). Facing North.	170
188.	Block G Extension: Room G15 (Swinden6_36). Facing South.	170
189.	Block G Extension: Room G15 (Swinden6_37). Facing South-east.	171
190.	Block G: West Entrance (Swinden7_01). Facing South.	171
191.	Block J: Interior Ground Floor Corridor (Swinden7_21). Facing South.	172

192.	Block J: Interior Ground Floor Room J14 (Swinden7_17). Facing North.	172
193.	Block J: Interior Ground Floor Room J14 (Swinden7_18). Facing South.	173
194.	Block J: Interior Ground Floor Room J14 (Swinden7_16). Facing North-west.	173
195.	Block J: Interior Ground Floor Room J13 (Swinden7_19). Facing West.	174
196.	Block J: Interior Ground Floor Room J11A (Swinden7_20). Facing North-west.	174
197.	Block J: Interior First Floor Corridor J36 (Swinden7_12). Facing South.	175
198.	Block J: Interior First Floor J34 (Swinden7_09). Facing North-west.	175
199.	Block J: Interior First Floor J34 (Swinden7_10). Facing South-west.	176
200.	Block J: Interior First Floor Room J33/J33A (Swinden7_11). Facing South-east.	176
201.	Block K: Interior Basement Duct (Swinden7_26). Facing West.	177
202.	Block K: Interior Basement Duct (Swinden7_27). Facing East.	177
203.	Block K: Interior Basement Stairs (Swinden7_28). Facing North.	178
204.	Block K: Interior Ground Floor Goods Elevator (Swinden7_29). Facing North-west.	178
205.	Block K: Interior Ground Floor Corridor (Swinden7_30). Facing North-east.	179
206.	Block K: Interior Ground Floor Corridor (Swinden7_33). Facing East.	179
207.	Block K: Interior Ground Floor Room K1 (Swinden8_04). Facing North-east.	180
208.	Block K: Interior Ground Floor Room K9 (Swinden8_06). Facing West.	180
209.	Block K: Interior Ground Floor Room K9 (Swinden8_07). Facing East.	181
210.	Block K: Interior Ground Floor Room K2/K8/K10 (Swinden7_37). Facing West.	181
211.	Block K: Interior Ground Floor Room K2/K8 (Swinden8_03). Facing East.	182
212.	Block K: Interior Ground Floor Corridor & Room K9 (Swinden8_02). Facing South.	182
213.	Block K: Interior Ground Floor Room K12 (Swinden7_36). Facing South.	183
214.	Block K: Interior Ground Floor Room K14 (Swinden7_34). Facing South-west.	183
215.	Block K: Interior Ground Floor Room K14 (Swinden7_35). Facing South-east.	184

216.	Block K: Interior Ground Floor Room K18 (Swinden7_31). Facing North-east.	184
217.	Block K: Interior Ground Floor Room K18 (Swinden7_32). Facing South-west.	185
218.	Block K: Interior First Floor Room K28 (Swinden8_15). Facing South.	185
219.	Block K: Interior First Floor Room K30 (Swinden8_14). Facing West.	186
220.	Block K: Interior First Floor Room K29/K37 (Swinden12_25). Facing West.	186
221.	Block K: Interior First Floor Room K29/K37 (Swinden8_11). Facing East.	187
222.	Block K: Interior First Floor Room K2/K8/K10 (Swinden8_12). Facing North-west.	187
223.	Block K: Interior First Floor Room K33 (Swinden8_13). Facing North-west.	188
224.	Block K: Interior First Floor Room K42/K44 (Swinden8_08). Facing North-east.	188
225.	Block K: Interior First Floor Room K42/K44 (Swinden8_09). Facing South-west.	189
226.	Block L: Interior Basement Room L31 Goods Elevator (Swinden8_33). Facing North.	188
227.	Block L: Interior Basement Room L31 (Swinden8_34). Facing West.	190
228.	Block L: Interior Ground Floor Room L16 (Swinden8_19). Facing South-west.	190
229.	Block L: Interior Ground Floor Room L16 (Swinden8_20). Facing South-east.	191
230.	Block L: Interior Ground Floor Room L15 (Swinden12_32). Facing North-west.	191
231.	Block L: Interior Ground Floor Room L15 Goods Elevator (Swinden8_22). Facing South.	192
232.	Block L: Interior Ground Floor Room L15 (Swinden8_23). Facing South.	192
233.	Block L: Interior Ground Floor Room L17 (Swinden8_25). Facing North.	193
234.	Block L: Interior Ground Floor Room L17 (Swinden8_26). Facing South.	193
235.	Block L: Interior Ground Floor Room L18/L18A (Swinden8_28). Facing South.	194
236.	Block L: Interior Ground Floor Room L18A (Swinden8_29). Facing North.	194
237.	Block L: Interior Ground Floor Room L36 (Swinden8_30). Facing North-west.	195

238.	Block L: Interior Ground Floor Room L18 (Swinden8_32). Facing North-west.	195
239.	Block L: Interior Ground Floor Room L1 (Swinden8_16). Facing East.	196
240.	Block L: Interior Ground Floor Room L4/L4A (Swinden8_36). Facing West.	196
241.	Block L: Interior First Floor (Swinden8_17). Facing West.	197
242.	Block L: Interior First Floor Room L28 (Swinden8_18). Facing West.	197
243.	Building Q: Interior Ground Floor Entrance (Swinden9_10). Facing North.	198
244.	Block Q: Interior Ground Floor Room Q9A (Swinden9_12). Facing North.	198
245.	Block Q: Interior Ground Floor Room Q1 (Swinden9_13). Facing North-west.	199
246.	Block Q: Interior Ground Floor Room Q2 (Swinden9_14). Facing West.	199
247.	Block Q: Interior Ground Floor Room Q4/Q8 (Swinden9_15). Facing North.	200
248.	Block Q: Interior First Floor Room Q13/Q15 (Swinden9_15). Facing North.	200
249.	Block Q: Interior First Floor Room Q11/Q15 (Swinden9_09). Facing South.	201
250.	Block Q: Interior Second Floor Room Q18 (Swinden9_15). Facing North.	201
251.	Block Q: Interior Second Floor Room Q18 (Swinden9_06). Facing South.	202
252.	Block Q: Interior Second Floor Room Q19/Q19A (Swinden9_04). Facing North.	202
253.	Block Q: Interior Second Floor Room Q19/Q20 (Swinden9_05). Facing South.	203
254.	Block Q: Interior Second Floor Room Q11 (Swinden9_02). Facing North-west.	203
255.	Block Q: Interior Second Floor Room Q11 (Swinden9_03). Facing West.	204
256.	Block R Interior (Swinden12_13). Facing South.	204
257.	Block R: Interior (Swinden7_06). Facing North.	205
258.	Block R: Interior (Swinden7_08). Facing South-west.	205
259.	Canteen: Interior (Swinden6_05). Facing South.	206
260.	Canteen: Interior (Swinden6_07). Facing North.	206
261.	Canteen: Interior (Swinden6_06). Facing North-east.	207
262.	Canteen: Interior (Swinden6_08). Facing North.	207
263.	Canteen: Interior (Swinden6_09). Facing West.	208
264.	Canteen: Interior (Swinden6_10). Facing West.	208

Appendices

1.	Historic England Archive Photographs	209
2.	Drone Video Listing and Drone Digital Photographic Listing and Contact Sheets.	232
3.	Monochrome, Slide, Scans and Digital Photographic Listing and Contact Sheets	246
4.	Donation Form Rotherham Archives	287
5.	Archive Listing: Archaeological Data Service	289
6.	Written Scheme of Investigation	290

Non-Technical Summary

This report has been undertaken by MAP Archaeological Practice Ltd on instruction by Keepmoat Homes, to provide a building record of Swinden Technology Centre, Moorgate Road, Rotherham, South Yorkshire, prior to demolition.

The Development has planning permission for the demolition of unlisted buildings and erection of 170 houses and the conversion of 4 existing buildings to create 27 apartments with associated landscaping and works at former Swinden Technology Centre, Moorgate Road, Moorgate Rotherham.

The site was the TATA Steel Research Centre, originally built by United Steel Company as the Swinden Laboratories Research and Development Department, then nationalised by British Steel and becoming Corus Swinden Technology Centre in 1999. Swinden Technology Centre comprised purpose-built laboratories, a canteen, office buildings and a substation constructed between 1950 and 1990. The older (pre-1948) buildings within the Development Area included several heritage assets such as Swinden House which was a Grade II Listed Building with stables and surrounding formal garden and walls, Sitwell House to the west, the Gate House at the entrance off Moorgate Road and the former lodges to the east, which were within the curtilage of the listed building. In 2016, a Level 3 Building Record was undertaken by ECUS on Swinden House, the Lodge, the stable block and walled garden and Sitwell House.

The buildings recorded included fourteen structures. Blocks A, B, C, D & H were joined, as were Blocks F & G and Blocks E & L. The canteen, Blocks J, K, Q and R were detached. Blocks A, B, C, D & E were built in 1951 and Block F in 1958, Block G in 1961, Block H in 1964, Block J in 1965 & Block K in 1966, the Canteen was built in 1967 and Block Q was built in 1970. Block R was built in 1983 and the Block G

Extension was built in 1989. All the buildings were steel framed, constructed of concrete and brick with flat roofs. Blocks C, F and Q were three storeys high. Block L was one and two storeys high with a basement. Blocks B, J & K were two storeys high. Blocks A & H were two storeys high with a connected basement. Block G was one storey high with a mezzanine level. Blocks D & R were one storey high. The canteen was one storey with a small lower floor.

A drone survey was undertaken by Hopgrove productions, which comprised 21 video files and 266 high resolution digital images. The photographic record of the fourteen structures comprised thirteen films (370 monochrome images and 109 colour slides) were taken, in conjunction with 394 high resolution digital images.

1. Introduction

- 1.1 The Building Record was undertaken by MAP Archaeological Practice Ltd., under instruction from Keepmoat Homes, in advance of the demolition of the 1951-1989 buildings at Swinden Technology Centre, Moorgate Road, Rotherham, South Yorkshire to provide a permanent archive record of the buildings to inform future study (centred NGR: SK 44225 91091; Figs. 1 & 2).

- 1.2 In accordance with the recommendations of the National Planning Policy Framework (July 2021: Para 204, 58) states that the '*Local Planning Authorities should require developers to record and advance understanding of the significance of any heritage assets to be lost (wholly or in part) in a manner proportionate to their importance and the impact, and to make this evidence (and any archive generated) publicly accessible [Copies of evidence should be deposited with the relevant historic environment record, and any archives with a local museum or other public depository].*'

- 1.3 The site had planning permission granted for *'the demolition of unlisted buildings and erection of 170 houses and conversion of 4 existing buildings to create 27 apartments with associated landscaping and works'* (Rotherham Metropolitan Borough Council Planning Ref. RB/2020/1591) and Condition 33 for Archaeology stated:

Part A (pre-commencement)

No development, including any demolition and groundworks, shall take place until the applicant, or their agent or successor in title, has submitted a Written Scheme of Investigation (WSI) that sets out a strategy for archaeological investigation and this has been approved in writing by the Local Planning Authority. The WSI shall include:

- *A detailed photographic recording of the laboratory buildings, prior to demolition.*
- *The programme and method of site investigation and recording.*
- *The requirement to seek preservation in situ of identified features of importance.*
- *The programme for post-investigation assessment.*
- *The provision to be made for analysis and reporting.*
- *The provision to be made for publication and dissemination of the results.*
- *The provision to be made for deposition of the archive created.*
- *Nomination of a competent person/persons or organisation to undertake the works.*
- *The timetable for completion of all site investigation and post-investigation works.*

Part B (pre-occupation/use)

Thereafter the development shall only take place in accordance with the approved WSI and the development shall not be brought into use until the Local Planning Authority has confirmed in writing that the requirements of the WSI have been fulfilled or alternative timescales agreed.

Reason

To ensure that any archaeological remains present, whether buried or part of a standing building, are investigated and a proper understanding of their nature, date, extent and significance gained, before those remains are damaged or destroyed and that knowledge gained is then disseminated

- 1.4 The work was funded by Keepmoat Homes.
- 1.5 All Maps within this report have been reproduced from the Ordnance Survey with the permission of the Controller of His Majesty's Stationery Office, Crown Copyright, License No. AL50453A and data derived from Open Street Map.

2. Site Description

2.1 Swinden Technology Centre was located in Rotherham, 2.5km south of Rotherham City Centre and 9.5 km north-east of Sheffield; on the east side of Moorgate Road (Fig. 1); with recent residential development to the east, north and south and with Rotherham General Hospital on the west side of Moorgate Road.

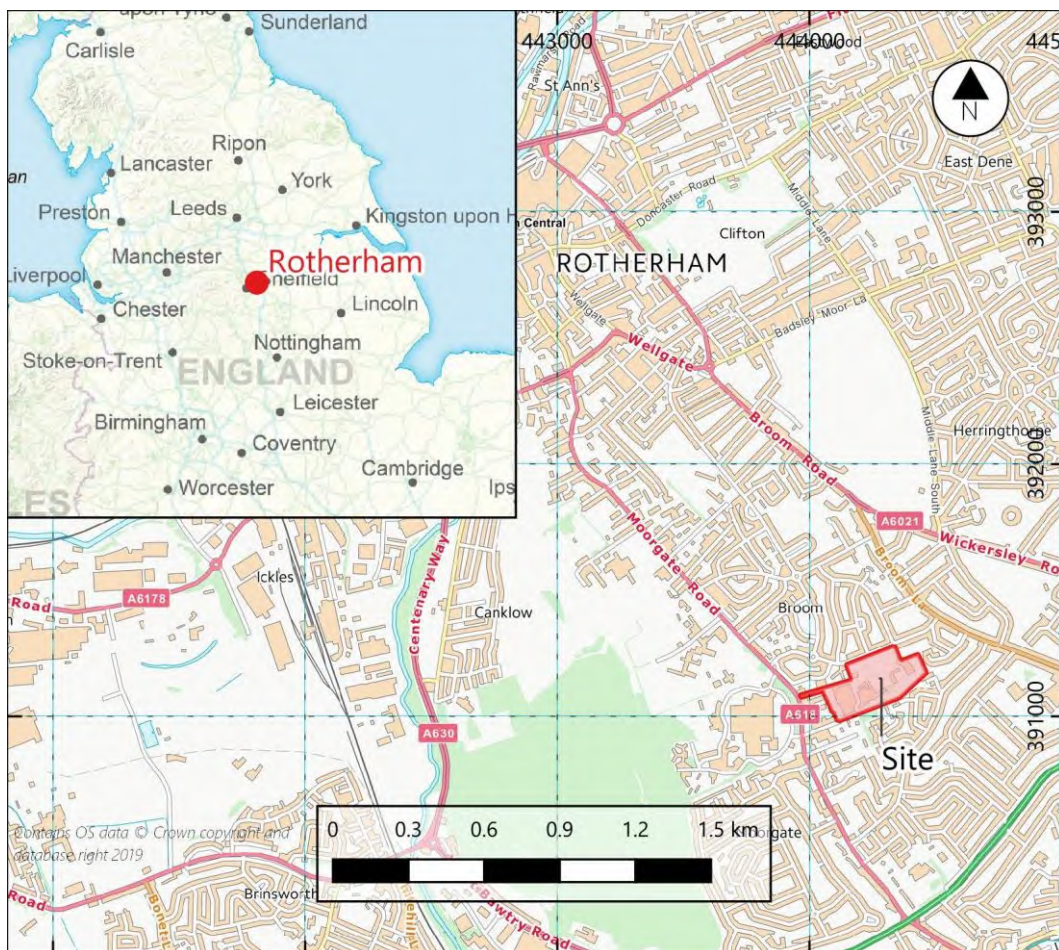


Figure 1. Site Location. Scale 1:25,000.

2.2 The total area of the Proposed Development was 6.77 Ha; on land at heights between c. 97m AOD and 104m AOD. The site was accessed from Moorfield Road with an additional access from Beaconsfield Road.

3. Aims and Objectives

3.1 The Objective of the Historic Building Recording was to record the mid to late 20th century buildings: -

- *Provide a photographic survey of all post 1947 laboratory and ancillary buildings*
- *Review the material held by the South Yorkshire Archaeology Service HER, Rotherham Archives and National Archives in Swindon.*
- *Record the laboratories and any in-situ industrial/scientific features*

3.2 The aim and scope of the recording work was to take general and detailed exterior & interior photographs of the twelve buildings to locate and record surviving architectural, industrial and scientific features and facilities.

4. Archaeological and Historical Background

4.1 Moorgate Road was turnpiked by an Act of Parliament in 1764 (www.turnpikes.org.uk). The turnpike's toll house and bar were depicted on Thomas Jeffery's 1772 map of Yorkshire.

4.2 The 1854 First Edition Ordnance Survey map depicted enclosed regular narrow strips perpendicular to Moorgate and the turnpike toll house. On the west side of the turnpike, Oakwood Hall was constructed between 1856 and 1859 for the industrialist, James Yates, which now forms part of Rotherham Hospital. At about the same time Yates also acquired c. 70 acres of land from the Sitwell Estate on the eastern side of Moorgate Road (ECUS 2017, 14; Rotherham Archives Ref. 63-B/7/62/2).

- 4.3 Thomas Wright Badger purchased 43 acres of land in around 1877 and an additional 15 acres of adjacent land in 1880 from James Yates, and three substantial residences were built between 1878 and 1880 on this land. The Red House (now known as Swinden House), built for Thomas Wright Badger to designs by E.F.C. Clarke. Sitwell House built for Frederick Parker Rhodes, partner with Thomas Wright Badger at Badger, Rhodes & Co. Solicitors, to designs by E. Isle Hubbard and Lane End House (not situated within the site boundary), built for Charles E. Rhodes, a prominent civil and mining engineer, brother to Frederick and brother-in-law to TW Badger (Whittaker & Green 2002, 3).
- 4.4 In 1882, Red House (now known as Swinden House) was sold to William H. Ticklethwait and Sitwell House was sold to George Shaw to clear debts left by Rhodes & Co. Solicitors. By 1935, both houses were vacant. During World War 2, Red House was occupied by the National Fire Service and Sitwell housed members of the Royal Signals Regiment. Post war, Sitwell House changed ownership three times: purchased by the National Coal Board in 1947, Rotherham Borough Council in 1949 and by the War Office in 1951 (*ibid*, 21).
- 4.5 In September 1946, Red House was bought by United Steel Companies to house its research and development department and renamed Swinden House. The whole Research and Development Department was named Swinden Laboratories in honour of the original research director of United Steels Research Team in Stocksbridge, Dr Thomas Swinden, who had died in 1944. The original buildings were retained. Construction was begun in 1949 and by 1951 two of the blocks were completed.

4.6 The research facilities initially comprised five blocks with the official opening day on the 24th July 1952: -

- Block A :- a two and single storey building for the creep-testing facility (high temperature progressing deformation test of materials at constant stress), a mechanical testing facility, a fatigue testing facility, welding, an optical metallography laboratory with a transformer.
- Block B :- a two storey high building for the Chemistry Section, the Refectories Section and X-Ray Crystallography laboratory.
- Block C :- a two storey high building for the Minerals and Maths sections, the drawing office and general offices for laboratory managers, development engineers, and the Furnace Design Group
- Block D :- a single storey building for the machine shop, heat treatment and steel store to one side, and experimental steelmaking, and furnace model labs on the other side.
- Block E :- a single storey building containing transformer and gas for the laboratories.

4.7 Sitwell House was purchased from the War Department in 1952 and used as a lecture room and by various departments including electronics, fuel & furnace research. Additional buildings were built between 1952 and 1967 (ibid), included:-

- An additional storey was added to the west end of Block A in 1955 for offices.
- Block F was constructed in 1958 for the high-bay development laboratory planned to house furnace equipment.
- A Library Extension was added to the south of Swinden House and included a basement for storage.
- Block D Extension along both sides of D Block in 1960/1962.
- Block G constructed in 1961 adjacent to F Block, comprising a further high bay plant building and intended for Minerals and Ore Dressing work
- Dining Room Extension constructed to the east of Swinden House in 1961

- Block H constructed in 1964 for Development Engineering, Mathematics, Automatic Control, Electronics, Electrical Power, Rolling and Trackwork and Structures.
- Block J constructed in 1965 for air and water modelling for instrument development for Steelmaking and Fuel and Furnace research teams.
- Block K constructed in 1966 for special instruments used by Physical Metallurgy (air-conditioned darkened operating areas).
- Staff Dining Room constructed in 1967 with the former dining room converted into a conference suite.

4.8 The original blocks at the Swinden Technology Centre include Blocks A-E, from designs by J. Mansell Jenkinson & Son Architects, 18 Norfolk Row, Sheffield. Copies of the 1949 and 1950 floor plans and elevations were located in a planning chest on the second floor of Block C, formerly the drawing office (which TATA allowed to be scanned: Appendix 1). The 1949, 1950, 1961 floor plans for Blocks A, B, C, E & H state what each room was to be used for. The main entrance for the labs was in Block C. The 1949 plans depicted the layout for Blocks A, B, C, D and E and as a mix of labs, storerooms and offices; connected to Block C and Block E was the detached gas and transformer building. Block A had a separate entrance to the north and entrance to the west into the Creep Testing Lab (A14). Block B had separate entrances to the north to the east.

4.9 In 1960, United Steel produced a book on the Research and Development Department at Swinden Laboratories detailing the work, staff and departments (USC 1960, 68-70). The 1960 floor plans in the Swinden Laboratories Research and Development Department publication included annotated floor plans for the main buildings (Blocks A-D), Block F & Block G and stated:-

- Block A ground floor was Metallurgy and Metallurgy, Physics and Engineering were on the first floor;
- Block B was Slags, Corrosion, Spectrography, Refractories & Analytical Chemistry on the ground floor and X-Rays & Chemistry on the first Floor;
- Block C was the Main Entrance, Minerals & Instrument Pool on the ground floor, then Fuel, Engineering, Typists and Offices for the Assistant Director of Research, Research Manager & Chief Development Engineer, and the Drawing Office on the Second Floor.
- Block D was Engineering Development (Steel Making, Refractories & Rolling Mill), Machine Shop, Steel Store, Macro Exam & Heat Treatment;
- Block F with Workshop and offices above, Pilot Plant and Combustion & Heat Transfer;
- Block G as Mineral Processing.

4.10 United Steel Companies were nationalised by the government in 1967 and became part of British Steel.

- Block L constructed in 1969 for a high bay development laboratory with facilities for machinability and welding equipment, as well as extended test facilities for Trackwork and Structures.
- Block Q was constructed in 1970 to accommodate a 1-million-volt electron microscope. The building incorporated specially designed spring foundations to isolate it from surrounding vibration.
- Block R was constructed in 1983 for two rolling mills of the Process Services department and a number of associated heating furnaces all relocated from Hoyle Street Laboratories in Sheffield.
- Canteen was constructed in 1983.
- Block G Extension constructed in 1989 to accommodate a new reversing rolling mill.

4.11 British Steel was privatised in 1989 as British Steel PLC. Then, the Swinden Technology Centre became part of Corus Steel in 1999. Block Q Electron microscope was dismantled in the 1990s and the building converted into offices

- 4.12 In 2002, English Heritage photographed the Swinden Technology Centre (42 images for Blocks A, B, C, D, F, G, H, J K, L & R including exterior, laboratories and processes). Eleven images have been reproduced included working processes in Blocks A, D, F & G (Appendix 1). The publication of *STC Memories* by Corus celebrated 50 years of the Swinden Technology Centre in 2002 (Whittaker & Green 2002).
- 4.13 In 2005, the National Metals Technology Centre (NAMTEC) moved to Swinden House Technology Centre. Corus became part of TATA Steel in 2007. In 2012, the NAMTEC moved to the University of Sheffield Advanced Manufacturing Research Centre (AMRC).

5. Methodology

- 5.1 The interior and exterior of the fourteen buildings at Swinden Technology Centre were observed, with notes taken on the layout, construction materials and architectural details. A drone survey was undertaken of Swinden Technology Centre of areas accessible using a high-resolution camera. The drone videos listing noted file name, type, date, a brief description of the subject and the length of the video and (Appendix 2). The drone photographic listing noted the file name, type, date, location of the photograph and direction (Appendix 2).
- 5.2 A photographic record was undertaken using a 35mm film SLR camera using 35mm monochrome print and colour slide film. Photographic scales, 1m and 2m, were used in all photos wherever possible. The archive listing for the building record comprised ten Ilford HP5 400ASA films (370 exposures) and three Fujifilm Provia 100F colour slide films (109 exposures).

The films were processed, scanned and printed at CC Imaging Leeds. The Photographic Record of the buildings are included on a film register noting file and negative number, date, location of shot with a brief description of the subject, the direction of the shot, scanned file name and corresponding digital image (Appendix 3). Additional internal and external photographs were taken using a 24-megapixel digital camera and 394 images were taken.

5.3 The photographic record for the building record comprised 209 digital shots. The Photographic Record of the buildings are included on a film register noting file name, location of shot, direction of the shot, and a brief description of the subject (Appendix 1). The figures are based on the drawing in the demolition report supplied by Keepmoat and this report has used the same room/area numbers.

5.4 The archive from the Photographic Record will be archived at the Rotherham Archives (Appendix 4). Metadata was included on all digital files including name of site, description, tags (Building Record), comments (Planning Reference and National Grid Reference), Author (Photographer) and Copyright. Selected digital drone photographs & videos and the scanned architectural plans will be archived on the Archaeological Data Service (Appendix 5).

6. Results

6.1 The survey of the buildings at Swinden House Technology Centre was undertaken over three days, with dry bright and overcast conditions. The reception area, security offices and toilets on the ground floor of Block C were the only area still in use, as there was 24/7 security on site. All the

buildings had power; but had been empty and disused for some time. At the time of the survey, there was no access to the south side of Block B and the north side of Block D, nor the basement in Block F or any of the roofs.

6.2 Blocks A, B, C, D & H: Exterior (Pls. 2-34)

6.2.1 These five blocks are connected by adjoining stairwells within glazed corridors, constructed with steel frames, concrete and brick (stretcher bond) with flat roofs (Pl. 1). Blocks A-D were constructed in the early 1950's. Block H was added in the 1960s. Block C was three storeys high. Blocks A, B & H were 2 storeys high and Block D was one storey but the same height as the two storey blocks either side. Block C was the central block, located west of Swinden House and aligned north to south. To the north of Block C was Block B and to the south of Block C was Block A. Block A was aligned east to west, offset to the east. Block B was aligned east to west with its east end parallel to the east wall of Block B. Block D was connected to Block C west of reception area. The glazed stairwells between Blocks A and C and B and C, were floor to ceiling glazing, four windows with four panes and an exterior glazed door on the ground floor to the west (Blocks A & B) and to the north (Block H).

6.2.2 The main entrance and reception was located in the centre of Block C's East Elevation on the ground floor (Pls. 2, 4-6 & 81). The east elevation was a three bay façade, with a protruding central bay containing the main doors with tall windows and then four connected windows to the north and south and twelve symmetrical windows on the first floor. Set back to the north and south were five windows on the ground and first floors. The second floor (third storey) was set back from the parapet, with seven large windows on the east elevation and corner windows on the north and south

elevations. On the third storey, to the north and south of the main block were two extensions with three two windows and a door on the east elevation. There were exterior ladders providing access to the roof and a decorative brick roof structure around the chimney stacks.

6.2.3 To the south and north of Block C were two storey high glazed stairwells connecting to Blocks A and B. East and west of the stairwells were windows on the ground and first floors. On the ground floor of the west elevation, Block C connected to Block D, with five fanlights above. The fenestration on the ground floor of the west elevation, to the north and south, was symmetrical comprising two windows, two smaller windows and then five windows (Pls. 3 & 7). The first floor had full size windows matching the width of the ground floor fanlights, as the only difference to the ground floor. The west elevation on the second floor was flush with the lower floors and comprised five double windows in the centre, then a triple window, two double windows and a single window on either side.

6.2.4 The north side of Block A was connected to the south end of Block C with connecting stairwells and access corridors on the ground and first floors. To the north of the connecting stairwell to Block C, the block faced the lawn and to the west side of Block D (Pls. 2, 3, 7 & 8). There was an internal stairwell with exterior access at the east end of Block A, which was three storeys high and provided roof access. The north elevation had triple windows on the ground and first floors then the main entrance was stepped out with a central stairwell light above the double door on the ground floor (Pl. 8). To the west of the entrance were seven triple windows and one small window on the ground and first floor. There was a double fanlight above the glazed corridor, then four triple windows on the first floor and

two triple narrow fanlights on the ground below the second and third windows above. The west end of the north elevation had a large ventilation duct from the ground floor to the roof (Pl. 9). There were symmetrical windows on both floors of the east elevation: a double window, a single window, two double windows, another single and double window (Pl. 10). On the ground floor of south elevation of Block A, there was a triple window, a roller loading door, seven triple windows, two small windows, two double windows, then a gap to another three triple window (Pls. 11 & 12). On the first floor there was a single, triple and single window, seven triple windows, two small windows and six triple windows. On the west elevation there was the two-storey stairwell connecting to Block H, a double door for the transformer on the ground floor and a double window on the first floor to the south of the stairwell (Pl. 13). North of the stairwell on the west elevation of Block A was a large ventilation duct on the ground floor, with a double window above (Pl. 9).

6.2.5 Block H was two storeys high, to a similar design of Block A. On the east elevation of Block H, there was a smaller ($\frac{3}{4}$ size of a double window) window on the ground floor with a double window above to the north of the connecting stairwell and double windows on the ground and first floors south of the stairwell (Pls. 14 & 18). On the south elevation of Block H, there were twelve triple windows on the ground and first floor and four large ventilation ducts (Pl. 15). The west elevation of Block H had a large loading door to the south and a triple window to the north on the ground floor and above on the first floor: a central double loading door with beam and double windows to the north and south (Pl. 16). The north elevation of Block H there was a three-storey main entrance with central stairwell light with roof access (Pls. 17 & 18). The north elevation had the same windows

on the ground and first floor: seven triple windows on east of the entrance and four triple windows to the west. There were three ventilation ducts on the north elevation, west of the main entrance.

6.2.6 Block B was two storeys high, with three entrances, to the north, to the west and to the east (Pls. 19-26). The east elevation had a double door with six pane fanlight above, a $\frac{3}{4}$ double window to the south and a double window to the north (Pl. 21). Then on the first floor, the east elevation had a double window above the door and the same sized windows as the ground floor to the north and south. The north elevation of Block B had thirteen double windows on the ground and first floor (Pl. 22-23); with a recessed stairwell entrance to the west with double door and floor to ceiling fenestration on the first floor (Pl. 24). On the west elevation of Block B entrance, there was a double door on the ground floor and double window above and a large ventilation duct (Pl. 25). On the south elevation of Block B, was the protruding stairwell with central light fenestration, then thirteen double windows on the ground and first floor, west of the connecting stairwell with Block C then one double windows to the east of the connecting stairwell on the ground and first floors (Pl. 26).

6.2.7 Block D was one storey, with a double height flat roof with monitor rooflights (Pls. 27 & 28). On the west elevation of Block D, there was the central main door with surrounding windows and fanlight with a triple window and large roller door and double door to the south and a blocked door and large roller door to the north (Pls. 29-31). The south elevation of Block D had ten triple windows, a double door, four triple windows and another door (Pls. 28, 32 & 33). The north elevation of Block D had seven triple windows, a large bricked up window, a double door and four triple

windows (Pls. 27 & 34). The east elevation connected to the ground floor Block C (Pl. 27). There were five connected clerestory windows with four panes at first floor height to the north and south of the central corridor and access door on the east and west elevations respectively on the east elevation. To the north on the east elevation was a double door.

6.3 Blocks: F, G, J, K, E/L, Q, R & Canteen: Exterior (Pls. 35-80)

6.3.1 Block E was constructed at the same time as Blocks A-D, in the early 1950s, as the transformer and gas supply for Swinden Technology Centre. Blocks F, G, J, K, Q, R and the Canteen were built between the late 1950s and 1980's. Blocks F, G, L and R were large open facilities and used for casting, rolling and welding, with offices as well. Block J and K were laboratories and offices, similar in style and layout to Blocks A, B and H. At the time of the survey Block Q had been converted to offices. Blocks E, R and the Canteen were one storey high. Block F was a one and three storey building. Block G was one storey with a mezzanine to the east. Block Q was three storeys high.

6.3.2 Block F was constructed of brick (stretcher bond) and concrete; with offices to the south with a lower flat roof and a stepped central skylight and ventilation grills on the raised flat roof to the north (Pl. 35). The main entrance was on the east elevation in a three-storey high stairwell with floor to ceiling fenestration on the first and second floors, then to the north was a large roller door and four doors with eight double eight pane windows above (Pl. 36 & 38). The south elevation had four double windows on the ground and first floor (Pls. 37 & 38). The north elevation had a large glass brick window comprising a row of three panels 11 brick high by 9 bricks wide and three rows above of three panels of 9 bricks high by 9 bricks wide

(Pls. 39 & 40). The west elevation was jointed to Block G on the ground floor, with a triple window in the office block and 8 large double eight-pane windows like the east elevation (Pl. 41).

6.3.3 Block G was attached to Block F by a single storey entrance flush with the south elevation of Block F. The original build of Block G to the south had a stepped roof with skylights and vents, similar to Block F. The later extension to Block G had a low-pitched roof behind a parapet (Pl. 41). The entrance block had a double door on the south elevation and ten windows on the west elevation (Pls. 37 & 42). The south elevation of the Block G had a central double door with single doors to the east and west (Pl. 42), which were surrounded by pale brick (same as the Block G extension). Above the central door were three panels of glass bricks, eight wide and 9 high. On the west elevation of Block G were a block of offices with a flat roof and four triple windows and on the north elevation there was a double door (Pls 43-45). Above on the main wall of Block G on the west elevation, above the offices, were three large double 16 pane windows, with a large roller door to the north and in the later extension, there was a large roller door and three windows (Pl. 44-45). On the north elevation of the Block G Extension was a large window (Pl. 45), constructed of twelve panels of glass bricks (mirroring Block F to the east). The east elevation had large upper windows, same as the west elevation to the south and five large panes of glass bricks: 8 wide and 11 high.

6.3.4 Block J had two entrances in two storey high stairwell blocks: the main entrance to the west on the south end of the west elevation and to the north on the north elevation. Block J had access into the roof by a separate block on the flat roof and 18 vents (Pl. 46). The entrance on the north, had a

single door on the north elevation with floor to ceiling window on the first floor and floor to ceiling windows on the east elevation and three double large windows on the west elevation of the stairwell block (Pls. 47 & 48). The east and west elevations of Block J had the same arrangement of windows on the ground and first floor, lines of ten double windows (Pls. 48-50). The entrance block on the west elevation had a double door on the ground floor with a large four pane window above and large 9 pane window on the south elevation onto the stairs and floor to ceiling six pane windows on both floors on the north elevation of this stairwell (Pls. 50, 51 & 74). There are double windows on the ground and first floor of the north elevation of Block J, east of the stairwell.

6.3.5 Block K was 2 storeys high, constructed of brick and concrete, with a flat roof and stairwell with flat roof to the east. The roof of Block K had two access blocks and a series of ventilation ducts and vents (Pls. 52 & 53). There were two entrances both to the north: from a stairwell block on the east elevation and on the north elevation (Pls. 52-55). The windows on the ground and first floors of the north elevation are the same with 9 double windows east of the three storey entrance and three double windows west of the entrance (Pls. 54 & 55). The main entrance block was stepped out, with a double door on the ground floor and a six-pane floor to ceiling window above. On the east elevation of Block K there was a ventilation duct to the roof from the ground floor, south of the stairwell block and four ventilation ducts from the first floor onto the roof north of the stairwell (Pls. 55-56). The stairwell block to the east of Block K, had a single door with four pane floor to ceiling window to the west and large floor to ceiling window above on the north elevation; a large four pane window on the ground floor and a double door above with & hoist beam

on the first floor on the east elevation of the stairwell and large six pane wall to wall windows on the south elevation of the stairwell. The south elevation has rows of thirteen double windows on both floors and six ventilation ducts from the ground floor to the roof (Pls. 56 & 57). The windows on the west elevation are the same for both floors, with a central single window and larger windows to the north and south (Pls. 57).

6.3.6 Block E was located on the east elevation of and was butted by Block L and was constructed of brick in stretcher bond with a flat roof (Pls. 58, 60 & 61). There were three bays, with a taller central bay and parapets on the north and south bays. There were two single doors in the south elevation (pl. 60). The east elevation had two double doors in the central bay, two bricked up double doors with an inserted single door in the south side of the northern blocked door, and there was a single and a double door in the south bay (Pls 60 & 61). On the north elevation there was two glass block windows, three blocks wide and six blocks high (Pls. 61 & 65).

6.3.7 Block L comprised two main blocks, built of brick in stretcher bond, with the two storey offices to the south and the main block to the north and two single storey blocks to the south (Pls. 58-59 & 61-65). The main block had a central raised roof with side skylights and low-pitched roofs to the east and west (Pls. 58-59). The east elevation of the main block had a large roller door to the north of Block E (Pl. 61). The east elevation of the office had the main entrance with a double door on the ground floor with single window to the south and a single window above on the first floor. The office block was two storeys high, with rounded corners on the south elevation and a flat roof behind a parapet (Pl. 62). The south elevation of the office block had nine double windows and a fanlight double window and, on the first

floor, there were ten double windows (Pls. 62 & 63). The north elevation had two single storey extension blocks, with a single door to the east of them and a single door, a large roller door to the west with six-pane window and then two double windows (Pls. 64 & 65). The extension blocks were lower to the east, with a single door on the east elevation, a single and a double door in the north elevation of the eastern extension and double door in the west elevation of the western extension. The west elevation of the main block had a double window to the north of a double door and five windows and roller door to the south. The west elevation of the offices had a single door with double fanlight and a double window to the south with a single and double window on the first floor

6.3.8 Block Q was three storeys high to the east and four storeys to the west and was built of pale brick in stretcher bond with flat roofs at four different levels (Pls. 66-71). On the west elevation, there was a double door and four rows of vertical slit windows from ground to roof (Pl. 67). There were wrap around windows on the east and north elevations and the east half of the south elevation on all three floors (Pls. 66 & 68-70). There were three double windows on each floor on the east and north elevations. On the south elevation was the entrance and stairwell, with an entrance to the south and a vertical strip of windows on the east and west elevations (pl. 70 & 71).

6.3.9 Block R was a steel frame building with lower brick construction, in stretcher bond, and panels above and a low-pitch roof behind a parapet and two cowled roof vents (Pls. 72-75). There was a large roller door on the south elevation and a single door on the east elevation and a row of windows

above. There was a blocked door on the north elevation, only visible from the interior because of the vegetation (Pls. 75 & 257).

6.3.10 Canteen was a single storey building with double height roof with two rows of skylights (Pl. 76). There were entrances to the east, with two double doors on the north and south sides of the east elevation, to the south with two entrances in the south elevation and one entrance to the west to the east and a service door on the west side of the north elevation (Pls 76-80). There was a row of upper windows and a tall floor to ceiling window to the east on the north elevation. There was a row of windows between the entrances on the east elevation. A row of upper windows to the east of the entrance and tall floor to ceiling windows to the west on the south elevation.

6.4 Block C: Interior (Pls. 81-101)

6.4.1 On the ground floor there was the main entrance to the east (Pl. 81), leading into main reception (Pls. 82 & 83) and the corridor leading to Blocks A, B & D on the ground floor (Pl. 87) and the stair to the first floor to the north and south in the Block A and Block B links (Pl. 88). The whole building had been offices with amenities. The Reception Area, Toilets and Kitchen on the Ground Floor was still in use at the time of the survey by the Security Team. There was internal fenestration above door height for the corridors. All the internal doors for the rooms were plain. The double doors in the halls were glazed.

6.4.2 On the ground floor there were two open spaces (C114 – the Breakout Area & C188/C115A- Reception: Pls. 82 & 83) and six rooms east of the corridor (C111, C113, Security to the south of Reception and C115, C116 & C117/C117A

north of Reception). There were nine rooms west of the main corridor and south of the access to Block D (including C110, C112, First Aid & Toilets) and nine rooms west of the main corridor and north of the access to Block D (including the Kitchen, Shower, C122, C121, C120, C119 & C118: Pls. 84 & 85). There was no sub-partition in Room C117/C117A (Pls. 86).

6.4.3 On the first floor, there was a central corridor with access to Blocks A & B and stairs to the ground floor (Pls. 89 & 96). There were eight rooms east of the corridor (C132/C134, C136, C138, C140, C142, C144, C146 & C148: Pls. 90). There were six rooms west of the corridor (C129, C131, C133, C135/C137, C139 & C141) and two stairs to the first floor west of the corridor, between Rooms C131 & C133 and C137 & C139 (Pls. 90-94). At the centre of Block C, on the west wall of the corridor was an original clock (Pl. 95).

6.4.4 The second floor comprised seven rooms to the west and five rooms to the east (Pls. 97-101), including ten offices (C150, C150A-C150D, C151, C155, C156, C152 & C152A) and two toilets (C153 & C154) the stairs to the first floor (C192 & C193). There was a planning chest in Room C150.

6.5 Block A: Interior (Pls. 102-121)

6.5.1 Block A had two floors with internal stairs to the first floor and access from the Block C & Block H links. On the ground floor there was an external entrance to the west (Pl. 102) and into Block C. There was an access corridor from the west into labs A1/A1A/A1B and A2, with stairs to the first floor and access to the roof (Pls. 103-108). The corridor from the Block C access was to lab A14/A15/A16 to the west, with six rooms (A12, A10m A9, A7, A5 & A3) and a toilet to the south and three labs (A8, A6 & A4) north of

the corridor and lab A2 to the east (Pls. 109-112). The transformer (A7) and connections to equipment in lab A14 was still live at the time of the survey (Pl. 112). There was a blocked door into Block H from lab A14 (Pl. 113).

6.5.2 There was a central corridor on the first floor of Block A linking the access to Block C, the stairs to the ground floor & roof and Block H link (Pls. 114-117). There were three rooms east of the corridor (A25/A25A & A26). There were seventeen rooms south of the corridor (A57, A55, A53, A51, A49, A47, A45, A43, A42, A41, A39, A37, A35, A33, A31, A29 & A27/A27A). There were no sub-partitions in Room A27/A27A (Pls. 118 & 119). There were seven rooms east of the Block C link (Pls. 120), west of the stairs and north of the corridor (A28, A30, A32, A34, A36, A38 & A40). There were five rooms west of the Block C link and north of the corridor (A44, A46/A46A, A50A, A52 & A54: Pl. 121).

6.5.3 There were technician's benches in Rooms A2, A6 & A8.

6.6 Block H: Interior (Pls. 122-141)

6.6.1 On the ground floor, there was an external entrance to Block H to the north and an entrance to Block A to the east. There were internal stairs to the first floor and basement south of the main entrance and north of the corridor and to the first floor from the Block A link. There were internal glazed doors from the stairwell, Lab H12A/H12F from the main corridor and from the main corridor and the Block A link (Pls. 113 & 122-124). There was a goods lift on the west side of the main entrance hall (Pl. 125).

6.6.2 The basement of Block H was the concrete access stairs, a service room, a pump and a service duct to Block K and Block A (Pls. 126 & 127).

6.6.3 There were twelve labs, seven offices and two toilets on the ground floor of Block H. Lab H12D & H12E west of the corridor; labs H12, H12G, H12F & H15A and offices H5, H7, H9, H11, H13 & H15 south of the corridor and labs H12C, H12B, H12A located north of the corridor and west of the main entrance and labs H10, H10A, H8 – Print Room, H6 – Server Room & H4 north of the corridor & east of the main entrance (Pl. 128-135). The toilets were north and south of the corridor and west of the Block A link.

6.6.4 There was access to the ground floor and to the roof (Pl. 141) from the internal stairs on the first floor of Block H and to the ground floor and first floor of Block A from the Block A link to the east. There was a goods lift on the west side of the stairwell. Glazed doors separated the corridor from H37 & H34 to the west and the main corridor to the east (Pl. 136). There were two labs and three offices north of the main corridor and east of the stairs (H32, H30, H28, H26, H24/H22: Pls. 137-139) and six offices and two labs south of the main corridor (H35, H33A, H33, H31, H29, H27, H25/H23 & H21). There were seven labs west of the stairs and main corridor (H34/H36, H38/H42, H40A, H40, H39, H39A & H37: Pls. 140).

6.7 Block B Interior (Pls. 88, 96. 142-160)

6.7.1 The ground floor of Block B had external entrances to the east and to the north and access to Block C to the south (Pls. 142 & 143). The main internal stairs were located south of the north entrance at the west end of Block B. There were glazed doors of the main corridor with hazard lights (Pls. 144 & 145). There were seven labs north of the main corridor (B77, B76, B75, B74, B71, B65 & B61); an office south of the main corridor and east of the corridor to the Block C link (B60) and a toilet (B67), three offices (B69, B68 &

B66) and four labs (B80, B79/B78, B70, B68A) south of the main corridor on the ground floor of Block B (Pls. 146-151).

6.7.2 The first floor corridor was illuminated by a circular skylight (Pl. 152). At the top of the west stairs, there was an internal glazed door with hazard warning light on the main corridor on the first floor of Block B (B199: Pls. 153 & 154). There were nine labs north of the main corridor (B106, B105, B93/B94, B91, B91A, B92, B90/B89, B88 & B87: Pls. 155-159). There were two offices located east of the main corridor (B86 & B85). South of the main corridor, there were three labs (B102/B102A, B99/B99A & B97: Pl. 160), six offices (B104A, B104, B103, B101, B100A & B100) and two toilets (B96 & B95).

6.7.3 Laboratory equipment was located in B69, B71/B74 & B80; a series of fume cupboards in B77, B88, B89/B90 & B91; sinks in B68, B75 & B91; pipes in B78/B79 and technician's benches in B68, B69 B75.

6.8 Block D Interior (Pls. 161-170)

6.8.1 The main entrance to Block D was from the west and the central corridor with internal access from Block C to the north (Pl. 161). There was goods access into the labs from the north, south and west. There were two large labs, D182 north of the central corridor and D176/D179/D179A to the south (Pls. 162-163 & 167-169). The north lab had four areas to the north (D207/B208, D2309/D210, D211 & D216) and the lab had six sub-partitions (D184, D183 & D183 to the west and D175, D175A & D175B to the east: Pls. 164 & 166). The south lab had two sub-partitions to the south-west (D179A: Pl. 169). There were six areas south of the southern lab (D212, D213, D214, D180, D181 & D215: Pl. 170).

6.8.2 Block D was documented in 1960 as Engineering Development; including steelmaking, refractories & rolling mills (USC 1960, 68). The working layout was recorded in 2002 by English Heritage (Appendix 1: AA40573). There was equipment in D175A & D182, a technician's bench in D179A, D207/D214 and a travelling crane in D182.

6.9 Block F Interior (Pls. 171-180)

6.9.1 There were two goods entrances into Block F to the east, into F8 & F11. There was a main entrance to the east into a stairwell, with access to the labs to the north (F8), stairs to the first and second floors and offices on the ground floor (F6). The northern part of Block F was a large open space (F8, F9, F10 & F11: Pls. 171-175) with a three storey office block to the south. There were four offices on ground floor (F6, F7, F7A & F7B: Pl. 176); five offices on the first floor (F1, F, F3, F3A & F3B) and short hall (F4: Pls. 177-179) and a storeroom on the second floor (F5: Pl. 180).

6.9.2 Block F was full of the equipment recorded by Historic England in 2002 for combustion processing studies (Appendix 1: AA040577, AA040578 & AA040579 & Pls. 171-175). On the second floor of Block F was equipped with technician's benches (Pl. 180).

6.10 Block G Interior (Pls. 181-190)

6.10.1 Block G had entrances to the south, west and north and comprised four areas. To the south was a single storey block attached to Block F, with a pedestrian entrance accessing onto the mezzanine level with five rooms to the east (Rooms G14, G4, G4a, G3 & G3A: Pls. 181-183). The south main area of the Block G had been welding bays (Room G1: Pls 185 & 186) with a room beneath the mezzanine (G2: Pls. 183 & 184). To the west of G1 was door

into the west wing, with five offices (Rooms G8, G9, G10, G11 & G12) and toilets. The west wing has an external entrance to the north (Pl. 190). To the south of G1 were three exterior doors; with two single doors either side of a central double door. To the west was a large roller door into G1. There was a large floor to ceiling, 12 panel, glass block window to the north and a single door to the west. The extension comprised a large work area (G15: Pls. 187 & 188) and four partitioned areas on the east side (G16, G17, G18 & G19: Pl. 189) with a large sliding door and single door to the west and three doors to the north.

6.10.2 There were technician's benches on the mezzanine in G1 and in G2 (Pls. 181 & 184). The area of G1 had been partitioned for use as welding bays (Pl. 185). A travelling crane and ventilation were in situ in the G1 & G15 (Pls. 186, 188 & 189). The experimental rolling mill formerly in G15 had been photographed in 2002 (Appendix 2: AA040587 & AA040592).

6.11 **Block J Interior (Pls. 191-200)**

6.11.1 Block J was two storeys high with entrances to the north and south-east on the ground floor connected by a central corridor with stairs to the first floor by the entrances (Pl. 191). There were eight labs (J5, J11, J11A & J13 to the east and J4, J6, J8 & J14 to the west: Pls. 192-196), six offices on the ground floor (J7, J9, & J15 to the east and J8A, J10 & J12 to the west) and toilets and a cupboard (J3) to the north.

6.11.2 On the first floor, there was a central corridor (J35/J36: Pl. 197) between the stairwells (J1 to south-east and J17 to the north). With three labs (J20, J22 & J34: Pls. 198 & 199) and six offices (J24, J26, J26A, J28, J28A, J30 & J32) to

the east and ten offices to the west (J21, J23, J25, J27, J29, J31, J33, J33A, J35 & J35A: Pl. 200).

6.11.3 There were gas lines (J11A (Pl. 196) leading to a pump in J13 (Pl. 195), gas cylinder attachments and ducts under the floor in in J14 (Pls. 192-194) and a fume cupboard in J34 (Pl. 198).

6.12 Block K Interior (Pls. 201-225)

6.12.1 Block K was two storeys high with two entrances to the north on the ground floor. The basement has a duct and stairs (Pls. 201-203). There are three double doors along the central corridor, one west of the stairs and two to the east. There was a north corridor with stairs to the first floor from the main entrance with access to the basement, a goods elevator (Pl. 204) to the west and main east-west central corridor to the south (Pls. 205 & 206). There were seven offices (K11, K13, K15, K19, K21, K23 & K25) and a toilet (K17) south of the central corridor. At the east end of the ground floor were six labs (K1, K2, K3, K8, K9 & K10: Pls. 207-212) around four central rooms (K4, K5, K6 & K7). There were two labs east of the stairs to the north of the central corridor (K12 & K14: Pls. 213-215). There was a lab (K18: Pls. 216 & 217) and two offices (K16A & K16) north of the corridor, to the west of the stairs. The entrance and stairs on the east side of the building have a door into lab K2 and an external entrance to the north.

6.12.2 The stairs to the east had a short corridor into Lab K30A. There were two smaller labs to the east: K28 east of K30A and K27 east of K29A (Pl. 218). The eastern labs (K30, K30A, K29, K29A & K37: Pls. 219-222) were located around four central rooms (K34, K33, K32 & K31: Pls. 223). The main stairs on the north had the goods elevator to the west, glass double doors

separating the stairs from the central corridor and access to the roof (K20). The central corridor (K40) was south of the north stairs and between labs K42/K44 & K47 to the west and labs K30/K37/K29. There were four offices north of the corridor; K29A west of the north stairs and K36 & K38 east of the north stairs. To the south of the corridor were rooms K45/K43, K41 and K39. There were three labs located west end of Block K; K47 south of K40 and K42A, K42/K44 north of corridor K40 (Pls. 224 & 225).

6.12.3 On the ground floor and first floor labs K2/K8, K12, K18, K28, K30, K33, K37, K42/44; there were benches, ventilation and gas lines in situ.

6.13 Block L Interior (Pls. 226-242)

6.13.1 Block L abutted the west side of Block E, with a two storey office block to the south and large work areas to the north and a small basement

6.13.2 The basement was accessed by stairs from L13, south-east of L15. There was a goods elevator (L31) in the basement and had been subdivided area south of the stairs (Pls. 226-227).

6.13.3 There was a double door to the west in L16 (Pls. 228 & 229). There was a large roller door to the west of L15, access to the basement by stairs (L13) and goods elevator and access into L16 to the north (Pls. 230-232). South of L15 were stairs to the first floor. There was an overhead gantry on the south wall of L17 and a large roller door and a double door to the north (Pls. 233 & 234). L18 was subdivided with L18B to the east and L18A to the north (Pls. 235 & 236). There was external access to the north and a goods access to the east from L18A and access from L18 from corridor L8 to the south. To the east of L17 were five subdivisions (L34, L35, L36, L37 &

L38: Pl. 237). L37 was open with access to the east into L18 (Pl. 238). There was internal access between Rooms L34, L35 & L36 and access from L36 into L18.

6.13.4 The main entrance into Block L was to the east on the south-eastern corner (Pls. 239 & 240), with an entrance hall (L1), toilets (L2 & L3), stairs to the first floor offices and a glazed door into the corridor (L8) and the open space (L4/L4A). There were five offices south of corridor L8: Rooms L5, L5A, L6, L7 & L9. At the west end of the corridor L8 were access into rooms L10 & L11, and then access into Room L12 from L11. To the west was an external door with stairs up to the first floor offices (L14). There was another set of stairs off L15 to the first floor. North of corridor L8 were access into L15, L17 & L18.

6.13.5 There were first floor offices were subdivided with glazed screens (Pls. 241 & 242). There was access from the west and east (L14 & L3). East of the eastern stairs were toilet facilities (L20 & L21).

6.13.6 There was no internal access into the extensions L19, L32 & L33, located on the north side of Block L.

6.13.7 Lifting apparatus was still in situ in L 15 & L16 (Pls. 228, 230 & 232) and a travelling crane in L17 (Pl. 234). There was in-situ ventilation in L16, 17 & 18 (Pls. 228, 233, 235 & 236). There was the arm of the X-Ray left in L36 (Pl. 237).

6.14 **Block Q Interior (Pls. 243-255)**

6.14.1 Block Q was a two to three storey office building at the time of the survey, with main entrance with lift and stairs to the south (Pl 243). On the ground floor there were three central rooms (Q4, Q9 & Q9A), with large open offices to the west (Q1 & Q2: Pls. 244-246) and five offices to the west (Q4, Q5, Q6A, Q7 & Q8: Pl. 247).

6.14.2 On the first floor (Pls. 248 & 249), there was a corridor (Q13), a central room (Q16), with three offices to the east (Q13A, Q13B & Q14) and open space to the west (Q11 & Q15).

6.14.3 On the second floor of Block Q, there were toilets (Q17) west of the stairs and lift (Q18), and access to the roof from Q18 (Pls. 250 & 251). In the centre, there was a corridor (Q19) to the east and two rooms (Q21 & Q21A) to the west and four offices (Q19A, Q20, Q22 & Q23) accessed from Q19 (Pls. 252 & 253). West of Q18, there was a balcony to view over the attic with the travelling crane above Q11 (Pls. 254 & 255).

6.15 **Block R Interior (Pls. 256-258)**

6.15.1 There was a large open workspace in Block R with two areas separated by internal partitions (Pls. 256-258). In Block R, there was a large roller door to the south, pedestrian access to the east at the south end of the building and a fire exit to the west at the north end of the building. There was a blocked doorway to the north (Pl. 257). In Block R, there were two partitioned off areas to the south-west and a west, a transformer and travelling crane above.

6.16 Canteen Interior (Pls. 259-264)

6.16.1 The Canteen was purpose built, with kitchens, cloakrooms and large open dining room (Pls. 259-264). There was a lower ground floor storage area. The kitchen and dining hall had been cleared of furniture and equipment.

7. Changes over time

7.1 The fourteen buildings at Swinden Technology Centre ranged in date from 1950 to 1989. Buildings A, C and D had extensions built after 1960. The interiors of Buildings A, B, C & D changed over time, as rooms were opened up and sub-divided over the next fifty years. Block E was abutted by Block L in the 1960s and had blocked doors to the east. The internal layout of Blocks F, H, J, K and Q also changed over time. Block G had an extension constructed, which abutted the original building. There were minor changes to Block R.

7.2 Block A

7.2.1 In Block A, on the ground floor at the east end the Mechanical Testing lab had been subdivided as A1, A1A and A1B. On the north side of the corridor were Resistance Welding (A4), Powder Store, Storeroom and Welding and Prep Room were subdivided as A6 & A8. At the west end of the ground floor, the Short Time Creep Lab in 1949 had been subdivided after 1960 as A15 & A16; to the south the 1949 Stress to Rupture Lab had been opened to become part of A14 and Long Time Test Creep Test (A14). The building still had live electrics in A14 from a 250 kV Transformer to the south-west (A17). The external door in A17, into the connecting stairwell with Block H, had a locked roller door.

7.2.2 On the first floor in 1949, at the east end were a dark room and metallography micro, which were subdivided as A25, A25A, A26, A27 & A27A. On the north side of the corridor the 1949 Thermic Lab & Store had changed floor plan when subdivided as A36 & A28. Block A, when built in 1949, had a single storey at the west end beyond Rooms A46, A46A & A49, with French doors onto the flat roof. The first floor plan in 1949 stated (future extension) on the flat roof area (Appendix 1: Block A Floorplans). By 1960, these were an additional six offices (A51-A55 & A57) and a storeroom (A50A) constructed.

7.3 **Block B**

7.3.1 Block B had several changes from the original floor plans in 1950 (Appendix 1: Block B Floorplans). On the ground floor, a safety door had been installed on the ground floor corridor (Pl. 145) and Room B61 had been originally been subdivided into four rooms, formerly the Office, Balances, High Temp Corrosion and Acid Corrosion Lab. Room B65/B71 had a partition, but had been the Cold Temp Corrosion Lab, Dark Room, Work Room & Spectrography Lab. The large lab (B78/B79) had originally been two labs used for Crushing & Grinding and Materials Preparation. Blocked Doors between Rooms B70, B69 & B68/B68A, were noted (Pls. 149 & 150), and a new door into the corridor for Room B69.

7.3.2 On the first floor of Block B, south of the corridor, the 1950's Examination Room had been subsequently subdivided as B104 & B104A, an additional lab equating to half of B101 between Ore Chemistry (B102/B102A) and Chemical Research, which was subdivided as B100 & B100A. The chemical labs and rooms north of the corridor had been opened up B88, B89, B90, B91 & B93 with new subdivisions and doors B91A & B92 (Pls. 155-159).

Room B106 had originally been subdivided; formerly the X-Ray Cubicle and Dark Room.

7.4 **Block C**

7.4.1 Areas on the Ground Floor of Block had been remodelled since 1950, with an expanded reception area (C188 & C115A) and enlarged waiting area, breakout area and security (C114), removing the original lobby & glazed screens in 1949 and subdividing the Microscope room and Plan & Model room.

7.4.2 On the first floor of Block C, partition walls had been removed between C130, C132 & C134 and C135 & C137. The drawing office on the second floor of Block C had been subdivided into four (C150A-D). The rear office (C156) had originally been two rooms, an office and the print room.

7.4.3 In Block C additional offices had been built on the second floor after 1960: Rooms C151, C155, C152 & C152A.

7.5 **Block D**

7.5.1 Extensions were added to the north and south of Block D after 1960; D207-D211 to the north and D212-D214 to the south. The original internal partitions of the Steel Store (D179) and Machine Shop (D176) had been removed by the time of the survey.

7.6 **Blocks F & G**

7.6.1 In Block F was built in 1958, the lab on the ground floor had been subdivided into F7, F7A & F7B and the office on the first floor was subdivided into F3, F3A & F3B (Appendix 1: Block F Floorplans).

7.6.2 Block G was built in 1961 and extended in 1989. The pale brick noted on the lower part of the south elevation of Block G may indicate infilling as it was in the same brick as the extension (Pl. 42)

7.7 Block H

7.7.1 The western end of Block H differed from the original plan with the Engineering laboratory on the ground floor, and was subdivided into rooms H12, H12A-G (Appendix 1: Block H Floorplans). The lab north of the corridor had been subdivided into H10 & H10A and two labs south of the corridor had been subdivided Room H15 & H15A and H9 & H9A.

7.7.2 On the first floor, subdivisions had been removed between H38, H41 & H42, K23 & H25 and H22 & H24. Subdivision for a fume cupboard (H40A) in H40, and a room added in H39 (H37A).

7.8 Blocks J, K, E & L

7.8.1 In Block J, on the ground floor (Appendix 1: Block J Floorplans) Rooms J4 and J11/J11A had been subdivided and, on the first floor, three rooms were subdivided, (J26 & J26A; J28 & J28A and J33, J33A, J35 & J35A).

7.8.2 In Block K, the ground floor J16/K16A had been subdivided. On the first floor in Block K, part of the corridor was added to K44 and K42 had been subdivided (K42A), as had K38. The east wall of K37 and K 35, had been removed and partitions added to K29 and K30, forming K29A & K30A. The internal partitions in Room K28 had also been removed, above the offices.

7.8.3 There were three minor changes to Blocks E & L. On the east elevation of Block E, there were two blocked double doors with an inserted single door in the south side of the northern blocked door. In Block L, the partition to the corridor in Rooms L4 & L4A removed, Room L5 had been subdivided into two offices (L5 & L5A) and the east lab L18 subdivided into three areas (L18, L18A & L18B) at the time of the survey. The basement in L31 had been subdivided with a partition to the south-west.

7.9 Blocks Q & R

7.9.1 Building Q had been constructed in 1970, was designed for a 1-million-volt electron microscope and converted into offices in 1990. Originally the west side of the building had been open (Q1, Q2 & Q11) and had been subdivided into ground & first floor offices. The original travelling crane still visible on the second floor, above Q11. The open plan offices, depicted on the architect's plans had been subdivided by partitions by the time of the survey.

7.9.2 Building R had a blocked door in the northern elevation.

8. Conclusions

8.1 The original plans, the publication in 1960 of the Swinden Laboratories Research and Development Department, the STC Memories published in 2002 and the photographs taken by Historic England in 2004 detail the work undertaken across a several departments at Swinden Technology Centre, including Industrial and Scientific Research. The Photographic Record undertaken of the stripped out and unused laboratories and offices

only record the equipment left behind after TATA Steel and NAMTEC moved out.

- 8.2 All the buildings were purpose built, with changes of use over time. Most internal changes were subdivisions or removal of internal walls. However, there were no records of the Electron Microscope before its removal from Block Q. Though, the travelling crane was still in situ on the second floor.

9. References and Bibliography

9.1 Primary Sources

National Monument Register (www.heritage-gateway.org.uk)

Historic England Archives, Swinden

South Yorkshire Archives, Rotherham

South Yorkshire Sites and Monument Record

9.2 Secondary Sources

Chartered Institute for Archaeologists. 2021 *Standard and Guidance for the Archaeological Recording of Buildings and Structures*. Reading: Institute for Archaeologists.

Chartered Institute for Archaeologists. 2021 Code of Conduct. Reading: Chartered for Archaeologists.

ECUS 2017 Swinden Technology Centre, Rotherham, South Yorkshire – Historic Building Recording. Tata Steel. ECUS Environmental Consultants Report 7508.

Historic England 2016 Understanding Historic Buildings. A Guide to Good Recording Practice.

USC 1960 Research and Development Department: Swinden Laboratories, Moorgate, Rotherham. The United Steel Companies Limited, Sheffield, England. USC 381. 113765/1/60 Lund Humphries.

Whittaker, N. & Green, N. 2002 *STC Memories. A Celebration of 50 years of Swinden Technology Centre*. Corus Research Development & Technology

10. List of Contributors

Desk Based Assessment by Kelly Hunter

Edited by Charlotte Puntorno

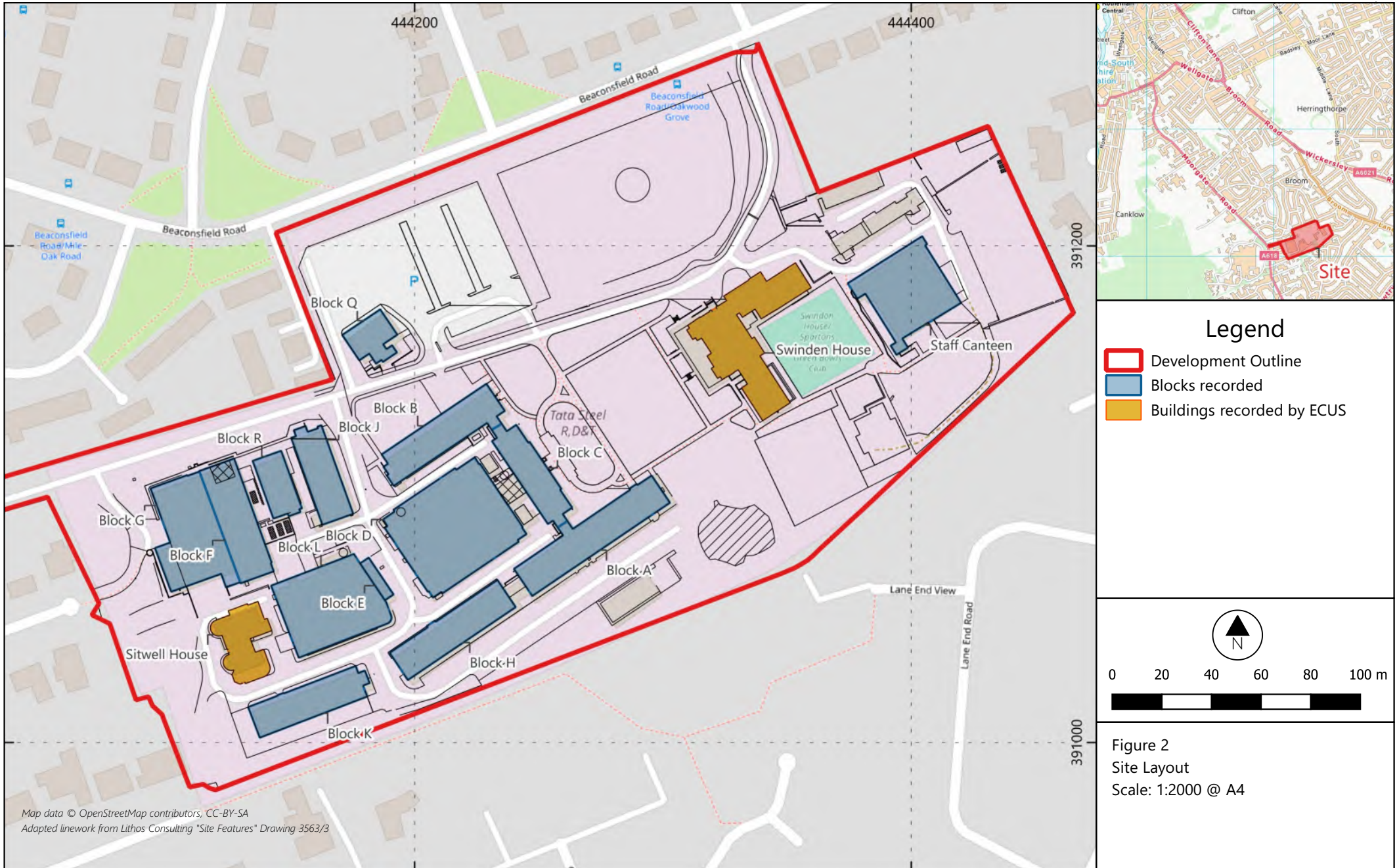
Drawings by Max Stubbings

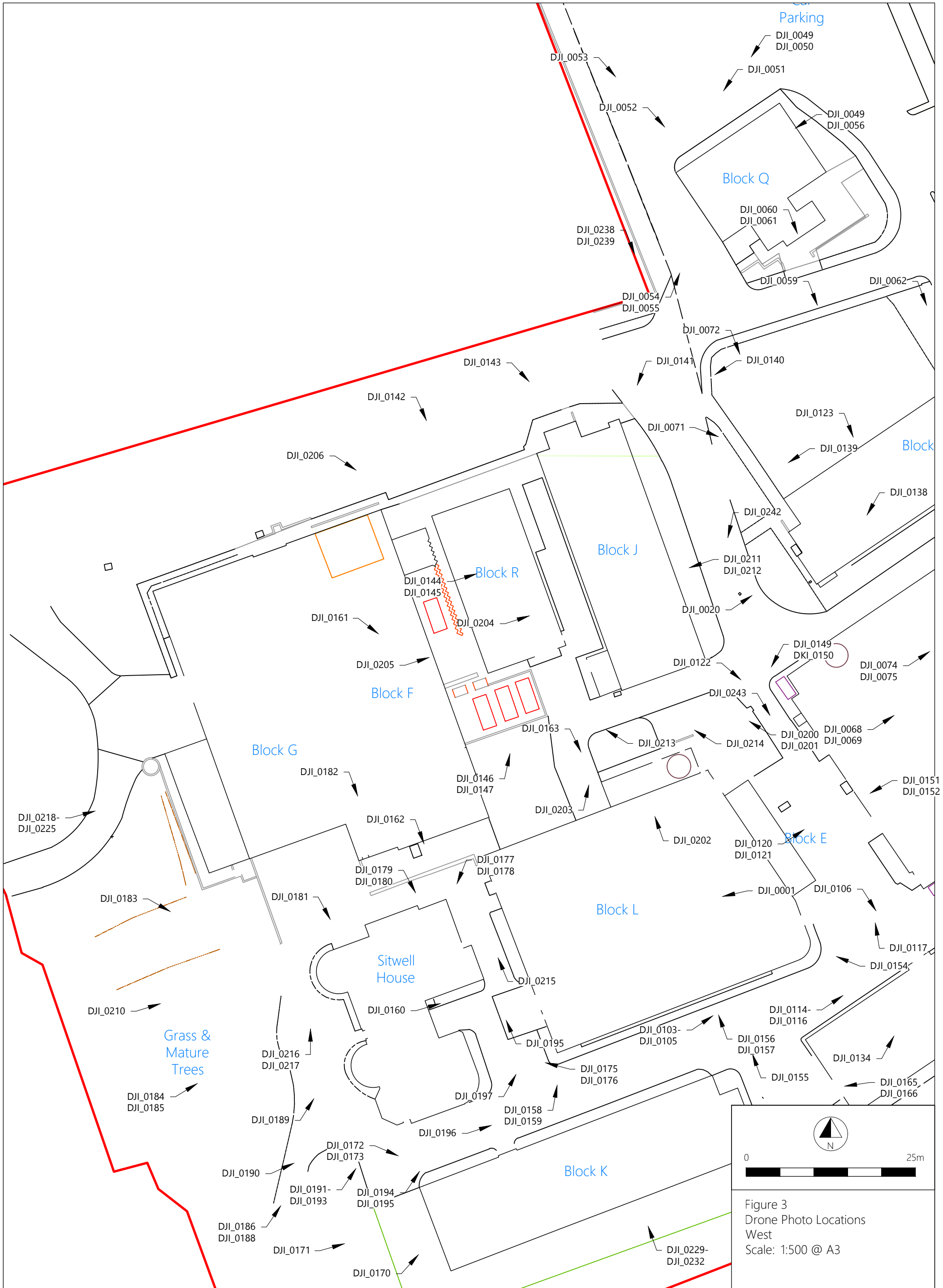
Plates by Kelly Hunter

Drone Photographs and Videos by Lionel Firm (Hopgrove Productions)

Site Walkover and Photographs by Kelly Hunter

Administration by Sophie Coy





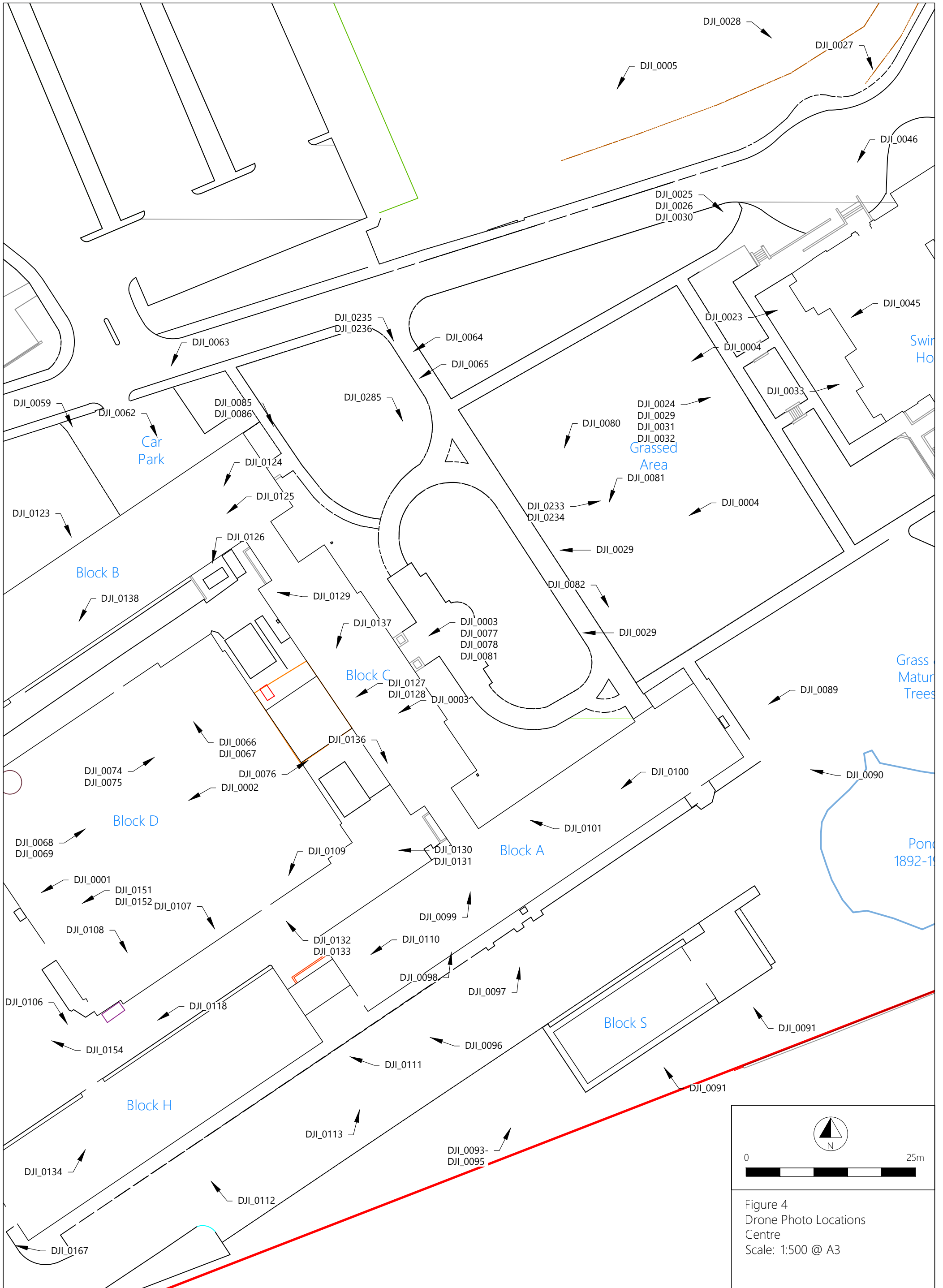
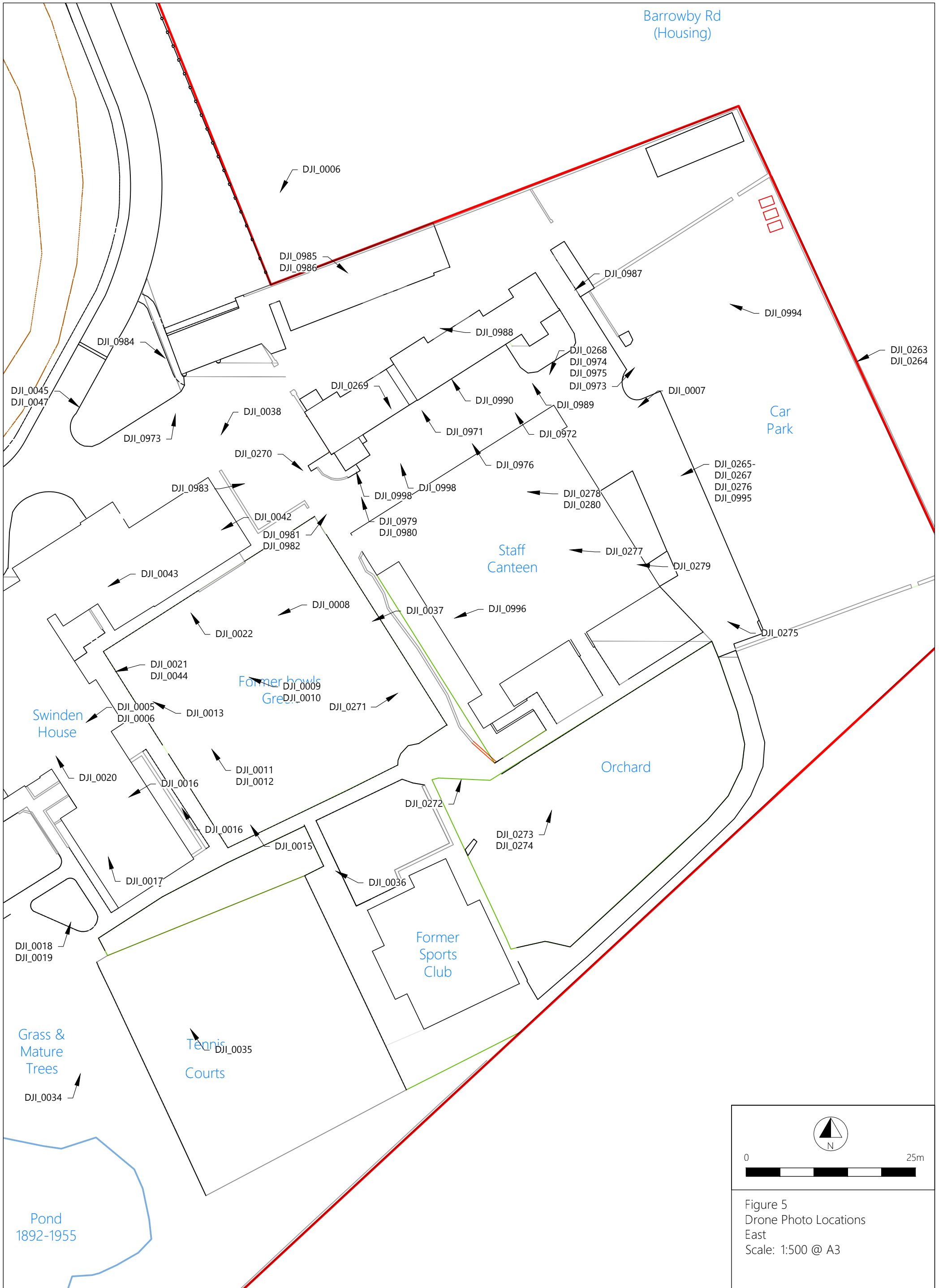
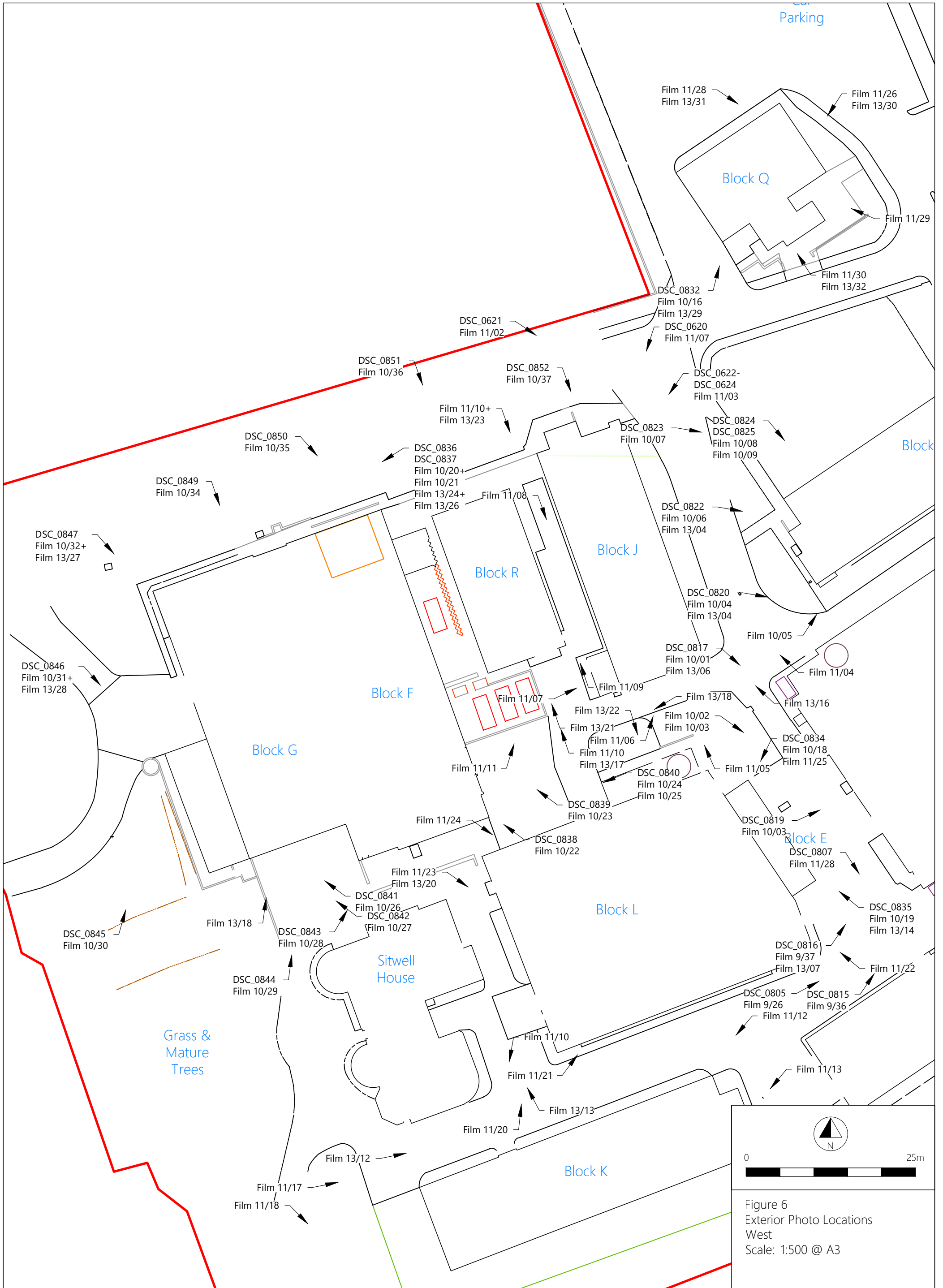


Figure 4
Drone Photo Locations
Centre
Scale: 1:500 @ A3







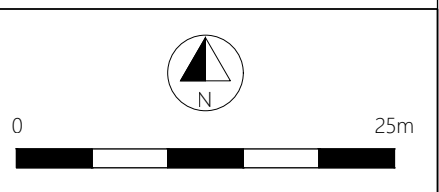
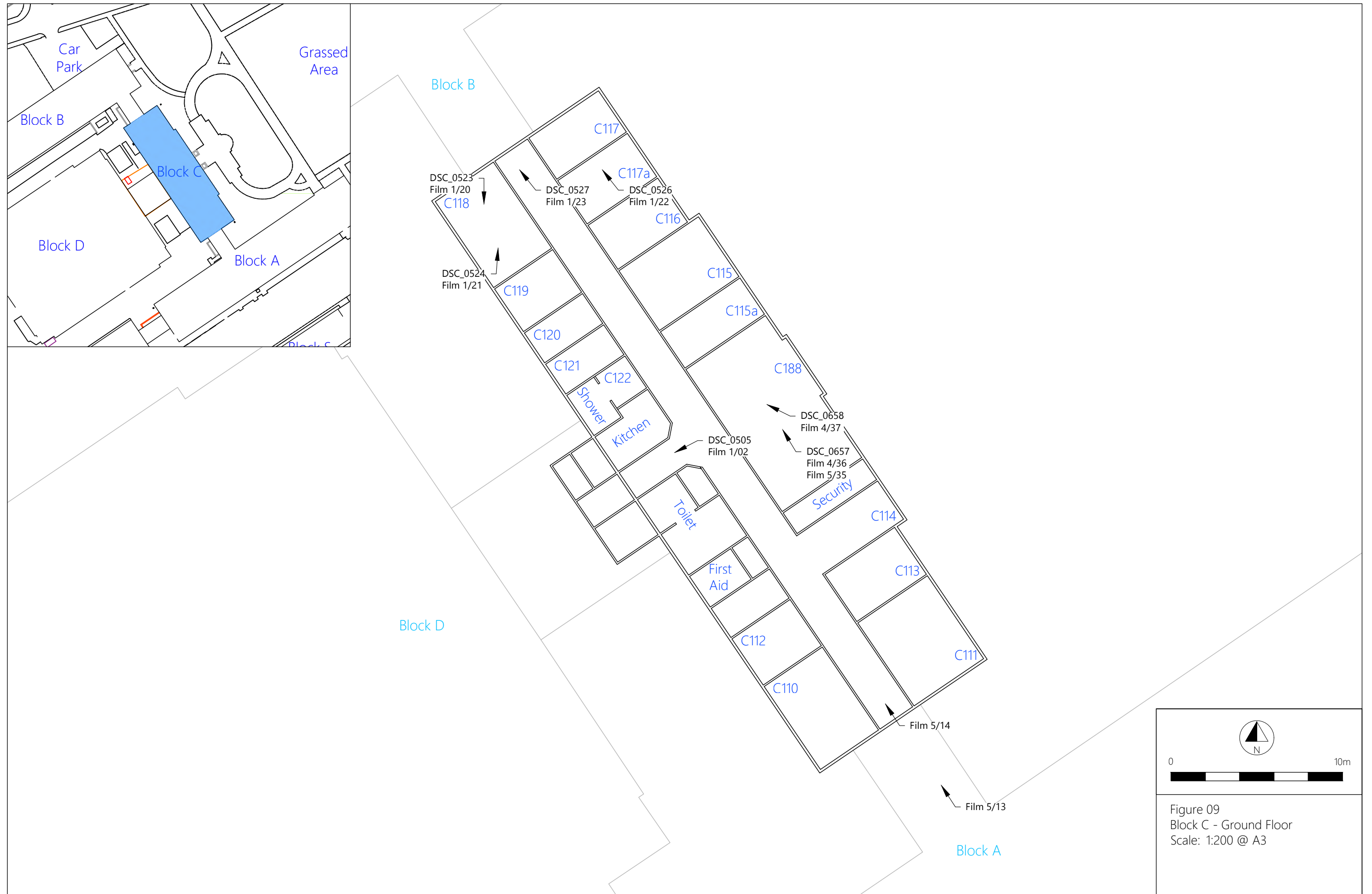


Figure 8
Exterior Photo Locations
East
Scale: 1:500 @ A3



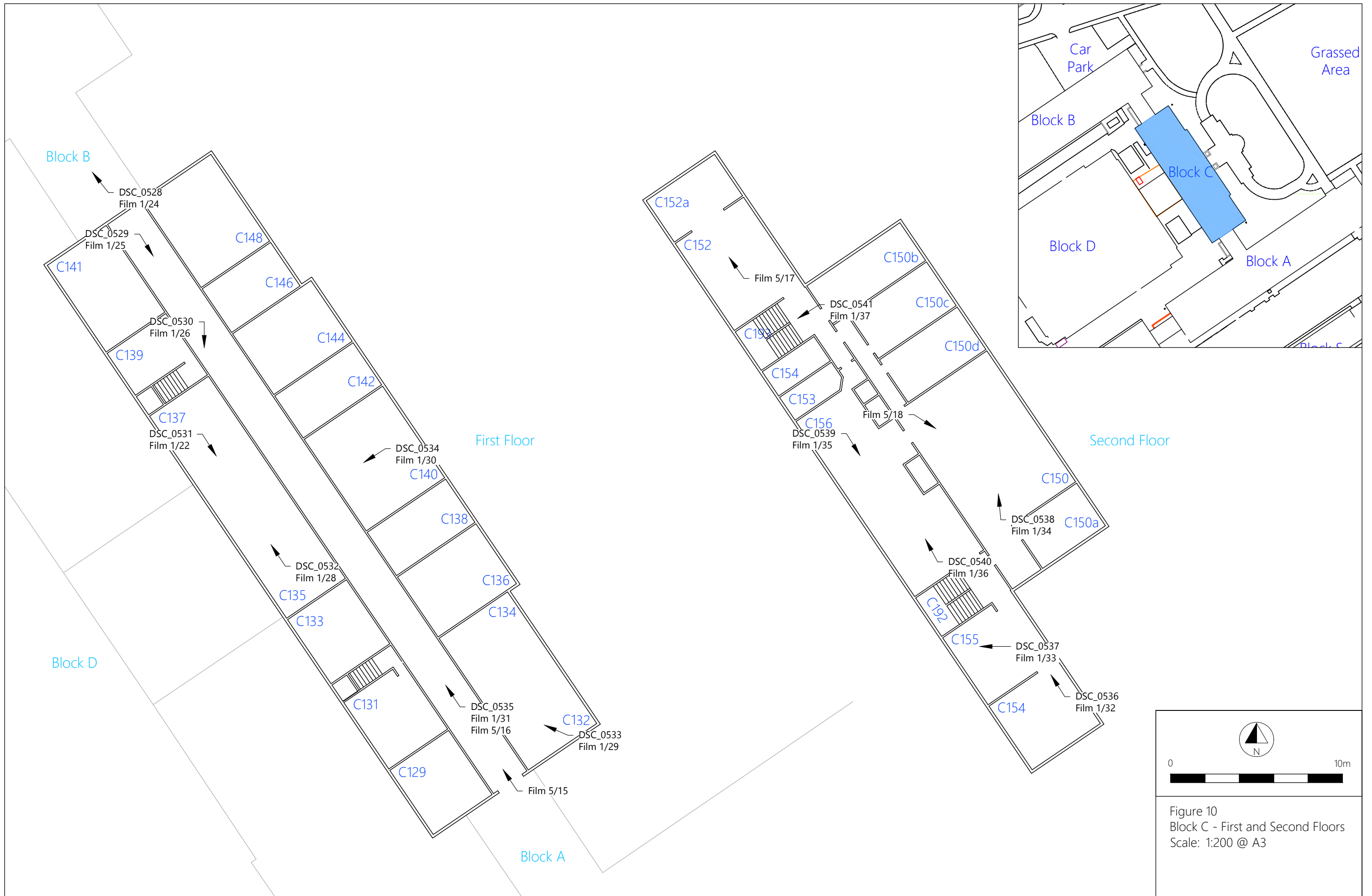
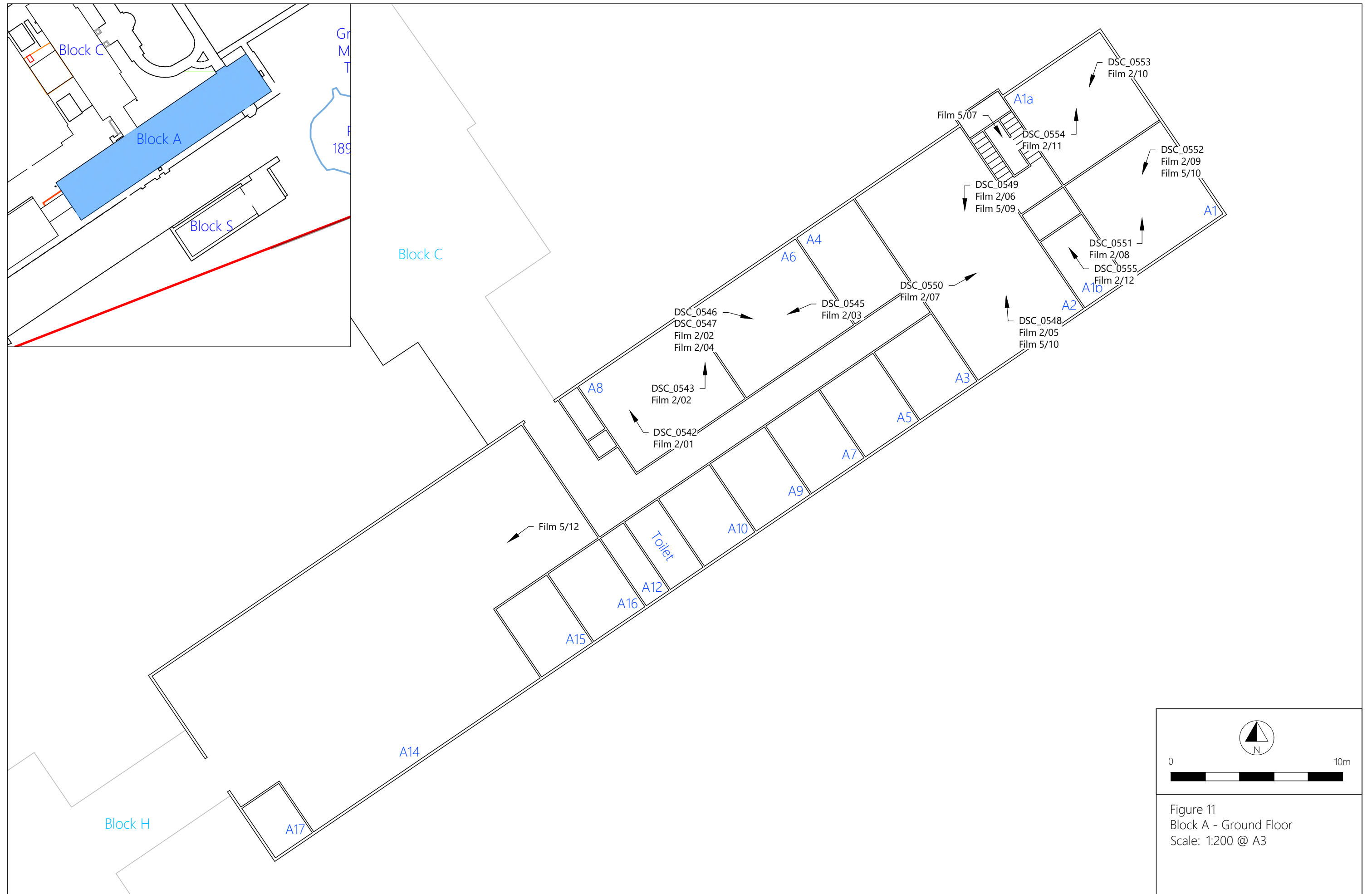


Figure 10
Block C - First and Second Floors
Scale: 1:200 @ A3



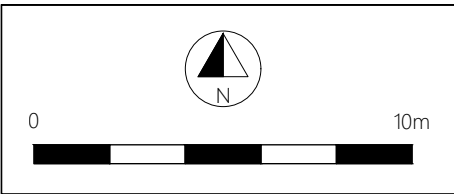
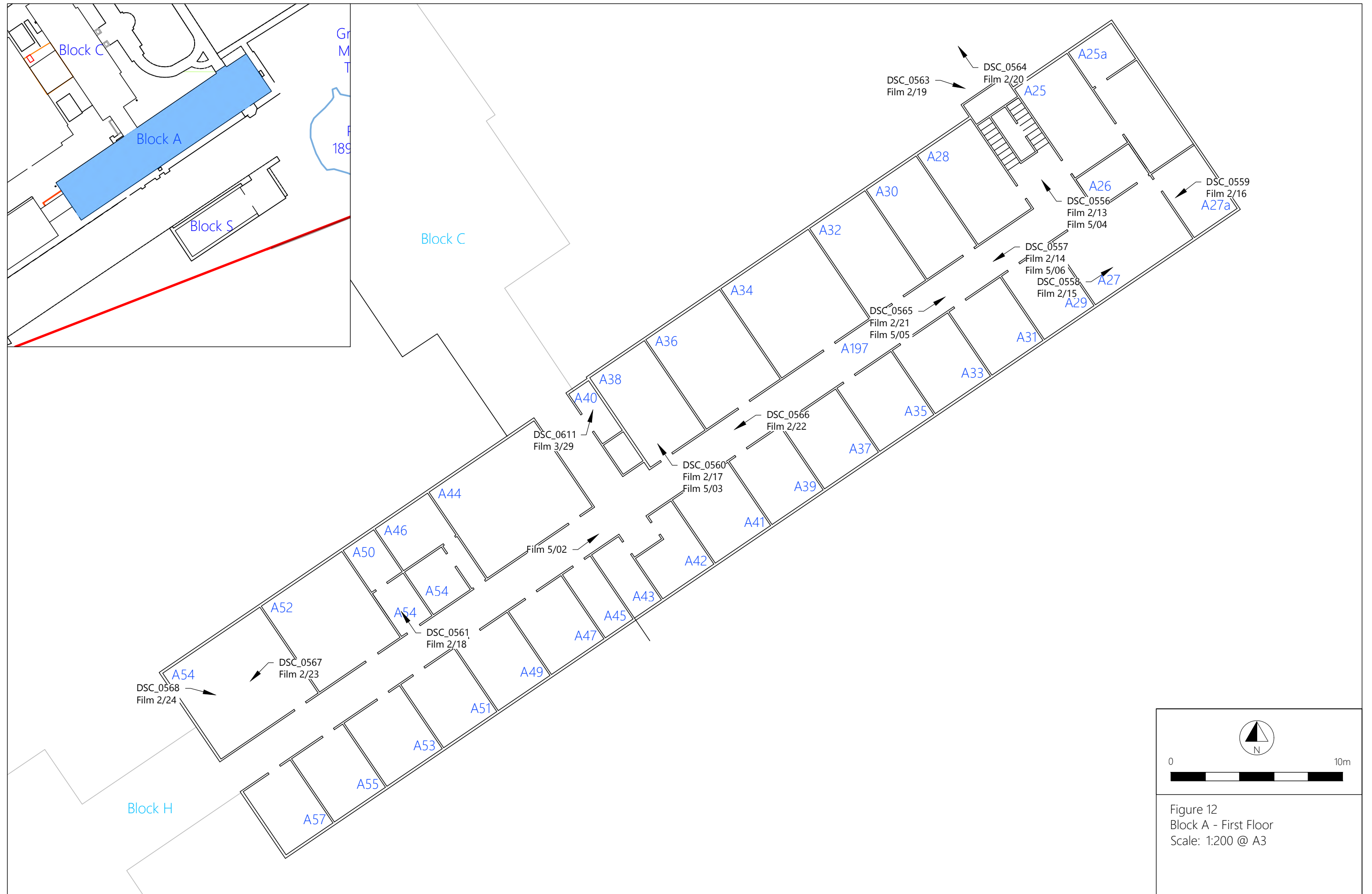


Figure 12
Block A - First Floor
Scale: 1:200 @ A3

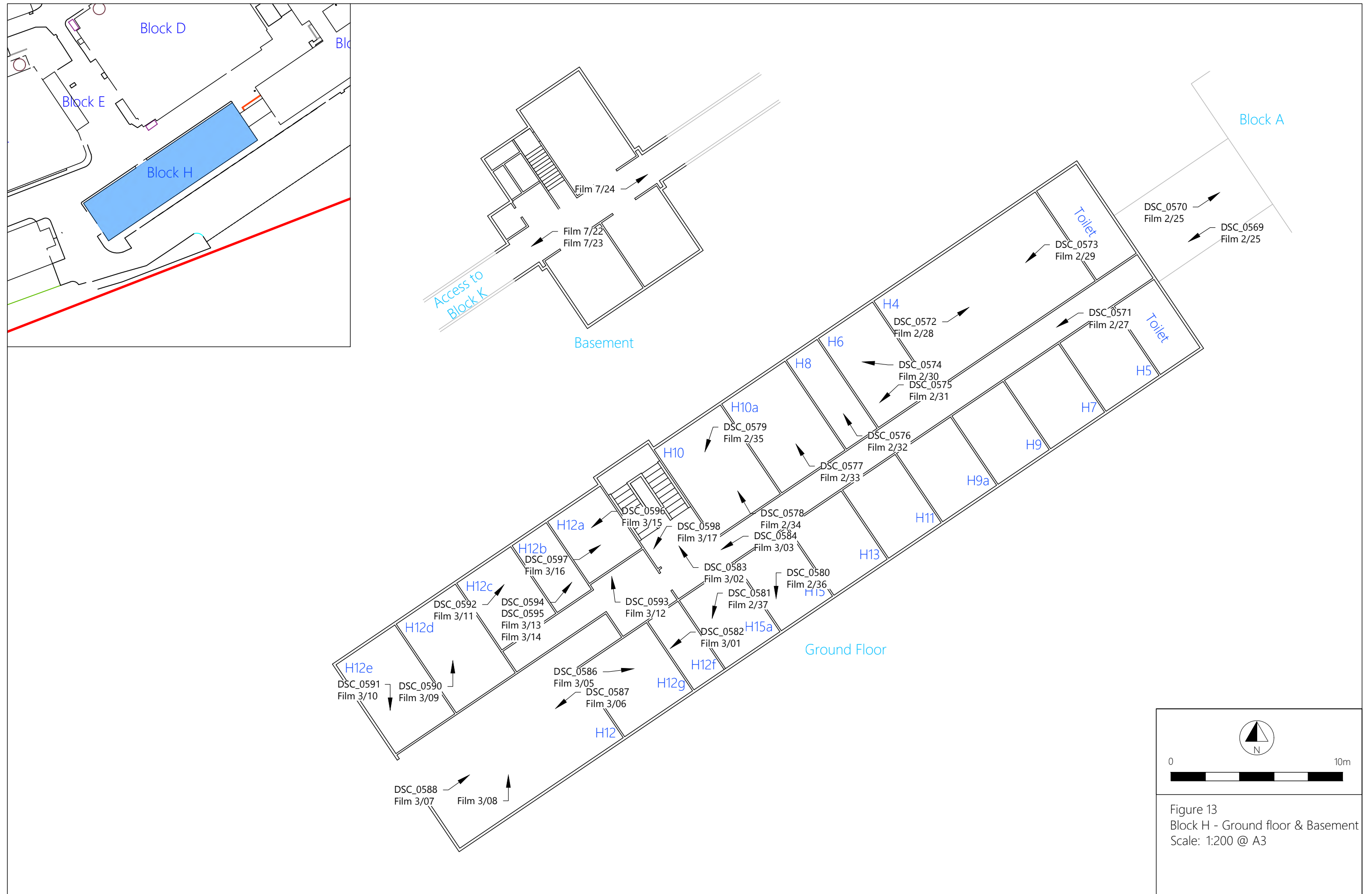
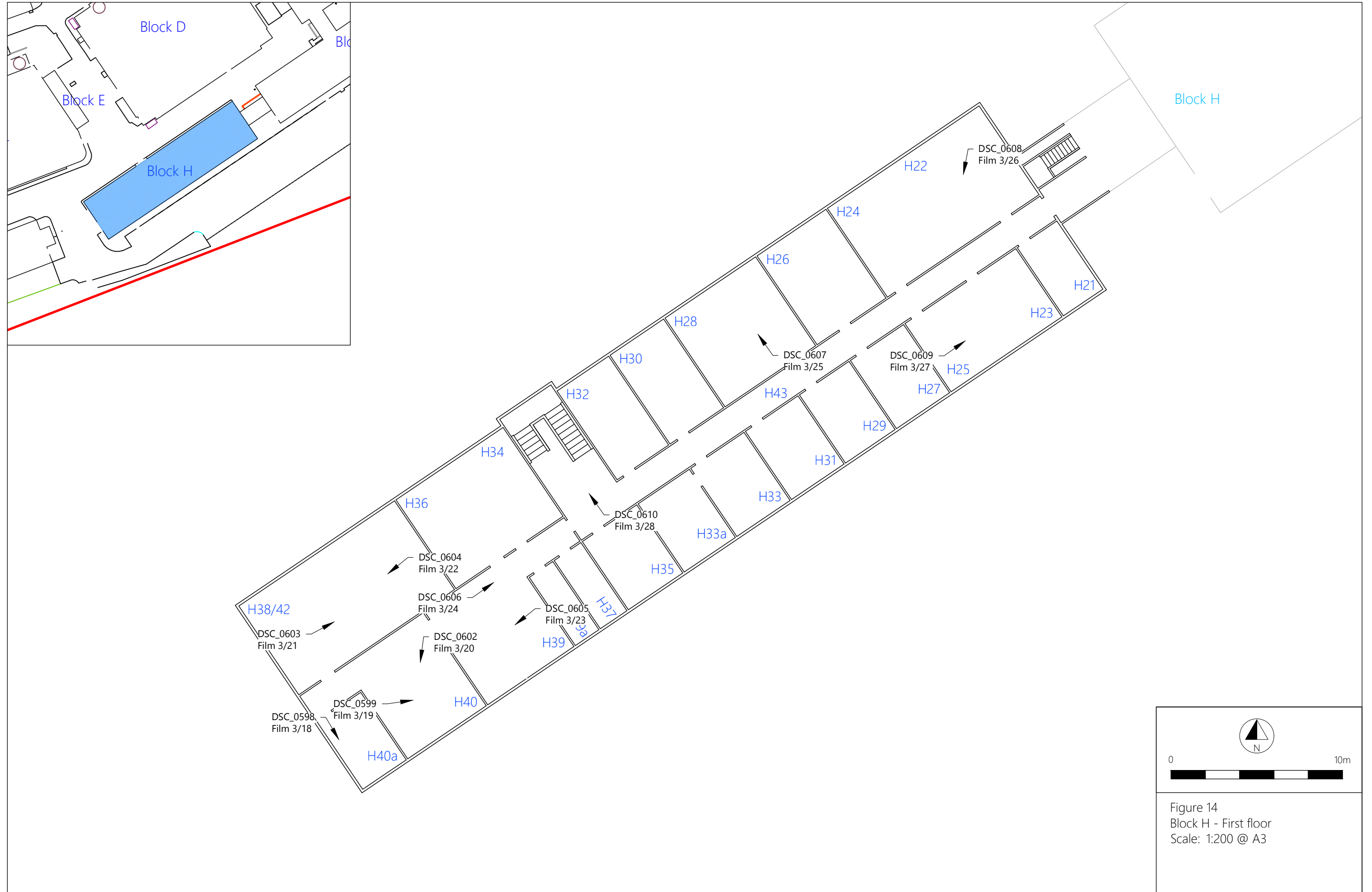


Figure 13
Block H - Ground floor & Basement
Scale: 1:200 @ A3



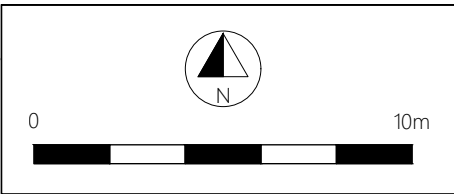
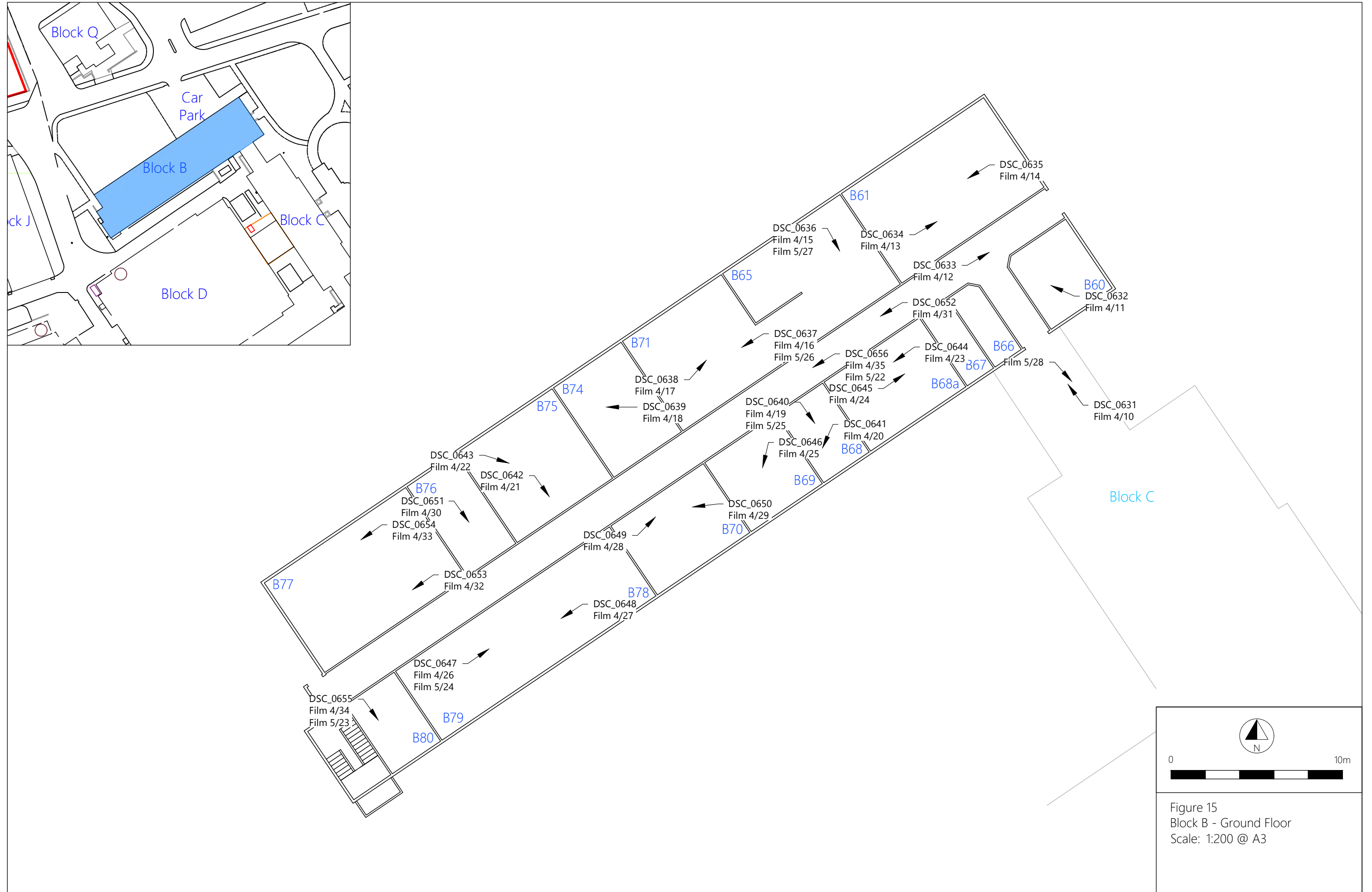


Figure 15
Block B - Ground Floor
Scale: 1:200 @ A3



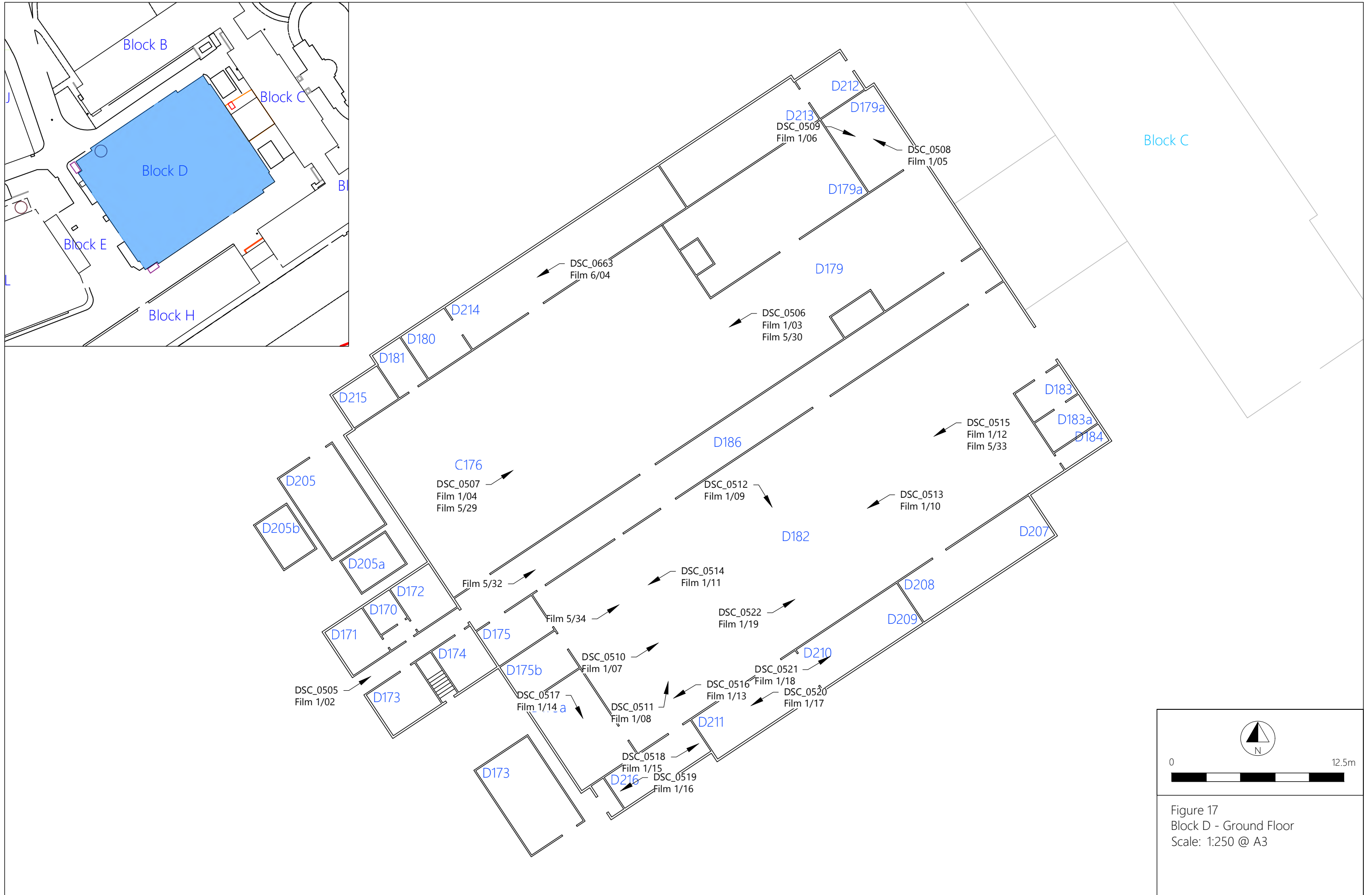




Figure 18
Block F - All floors
Scale: 1:200 @ A3

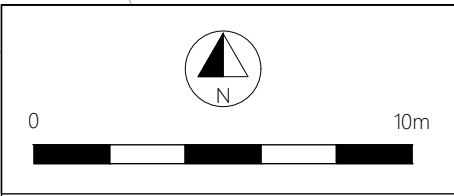
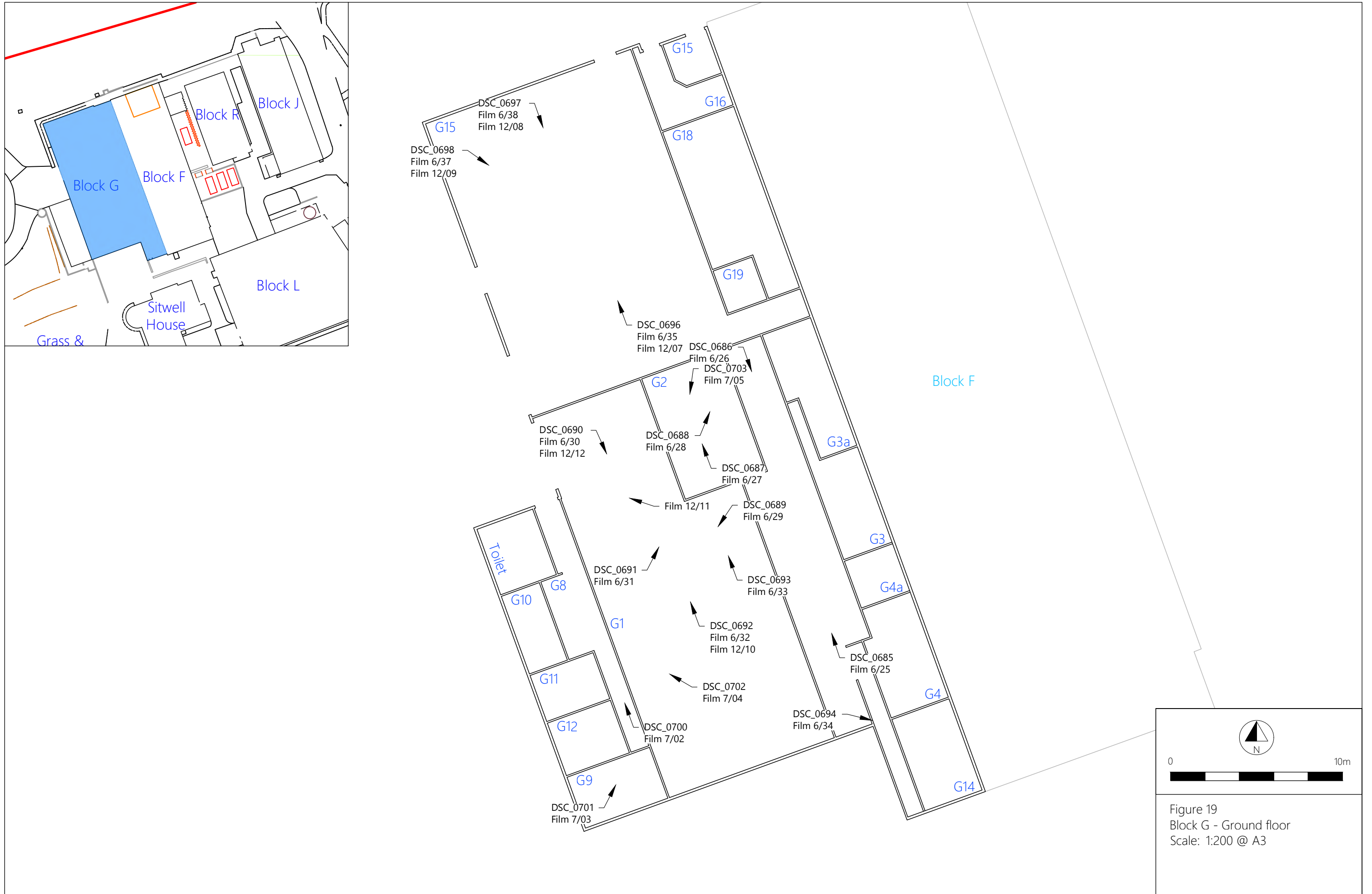


Figure 19
Block G - Ground floor
Scale: 1:200 @ A3



Figure 20
Block J - All floors
Scale: 1:200 @ A3

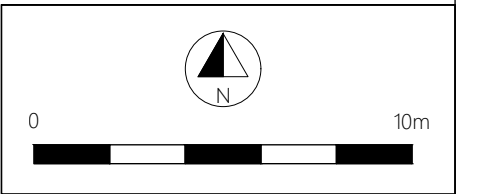
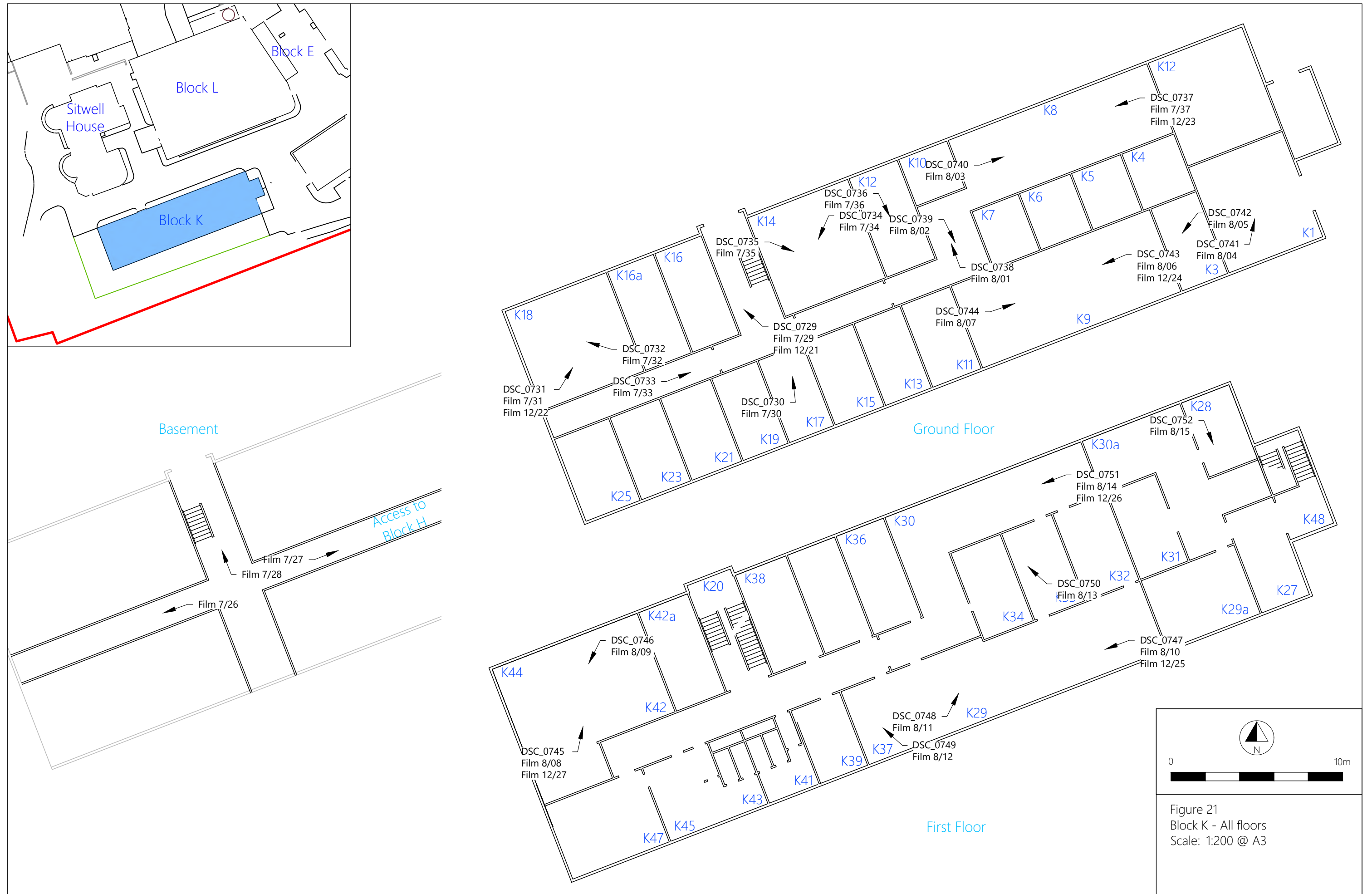


Figure 21
Block K - All floors
Scale: 1:200 @ A3

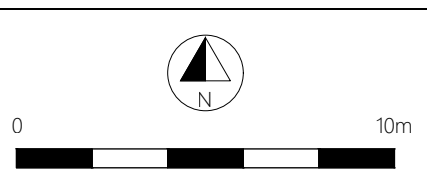
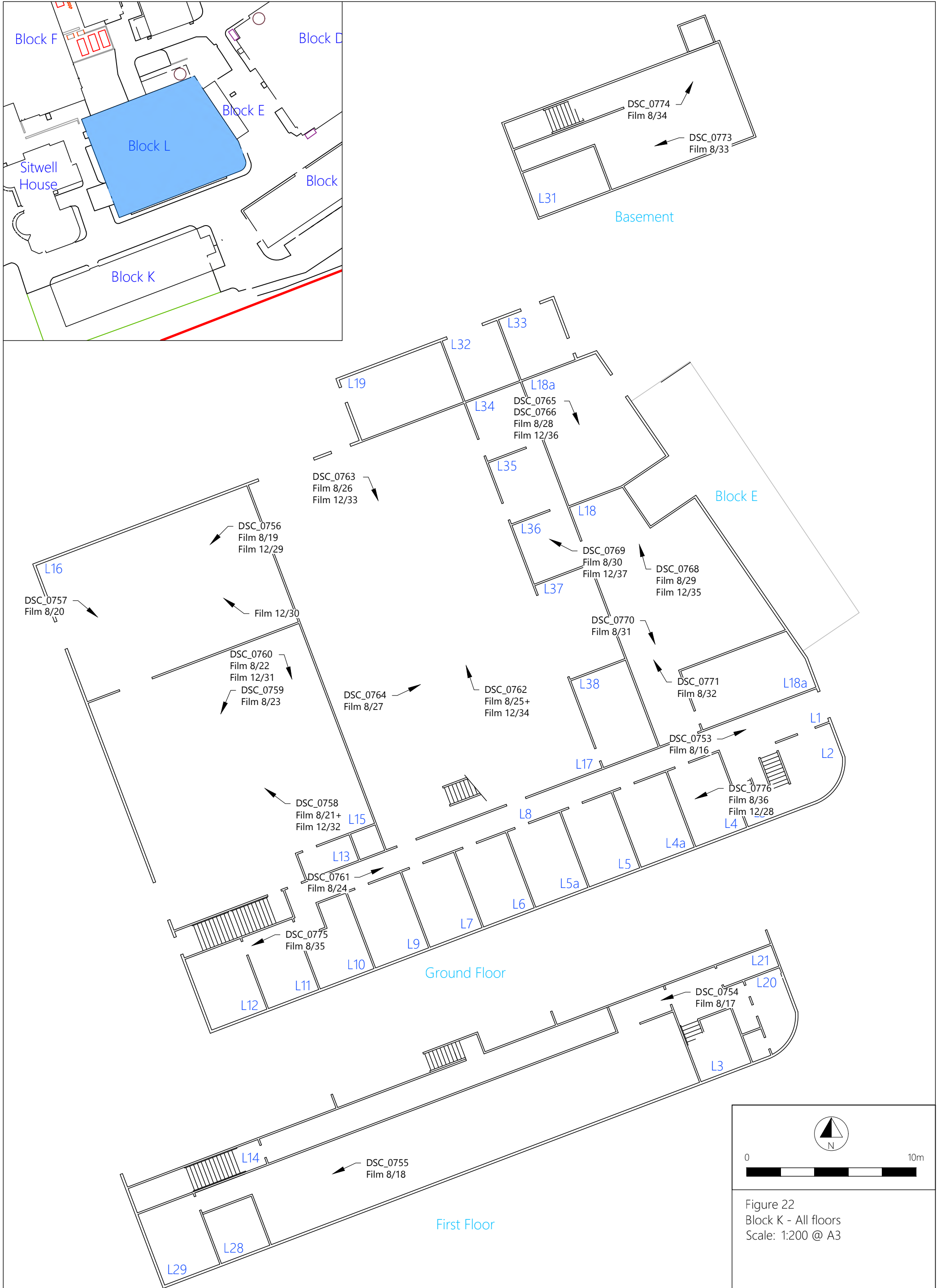


Figure 22
Block K - All floors
Scale: 1:200 @ A3

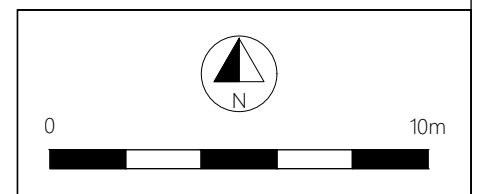
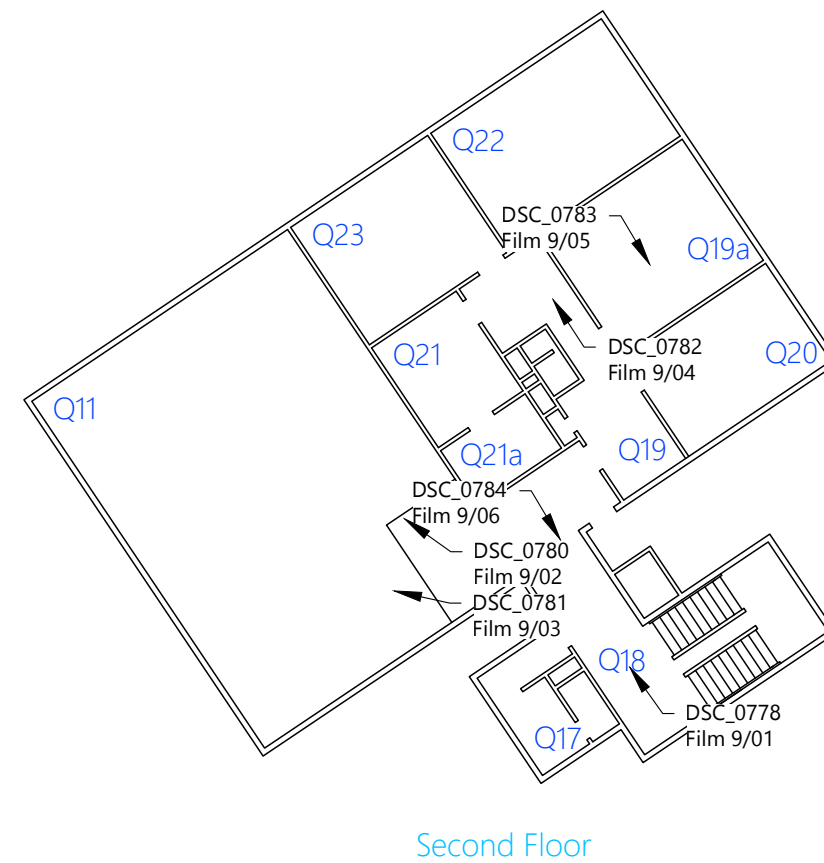
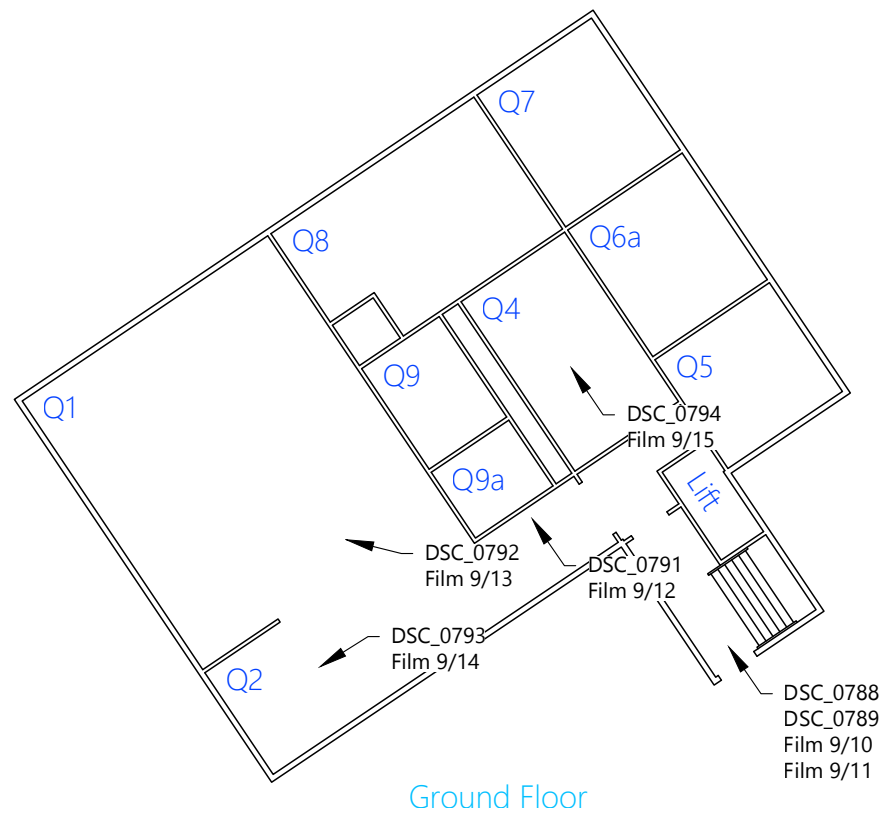
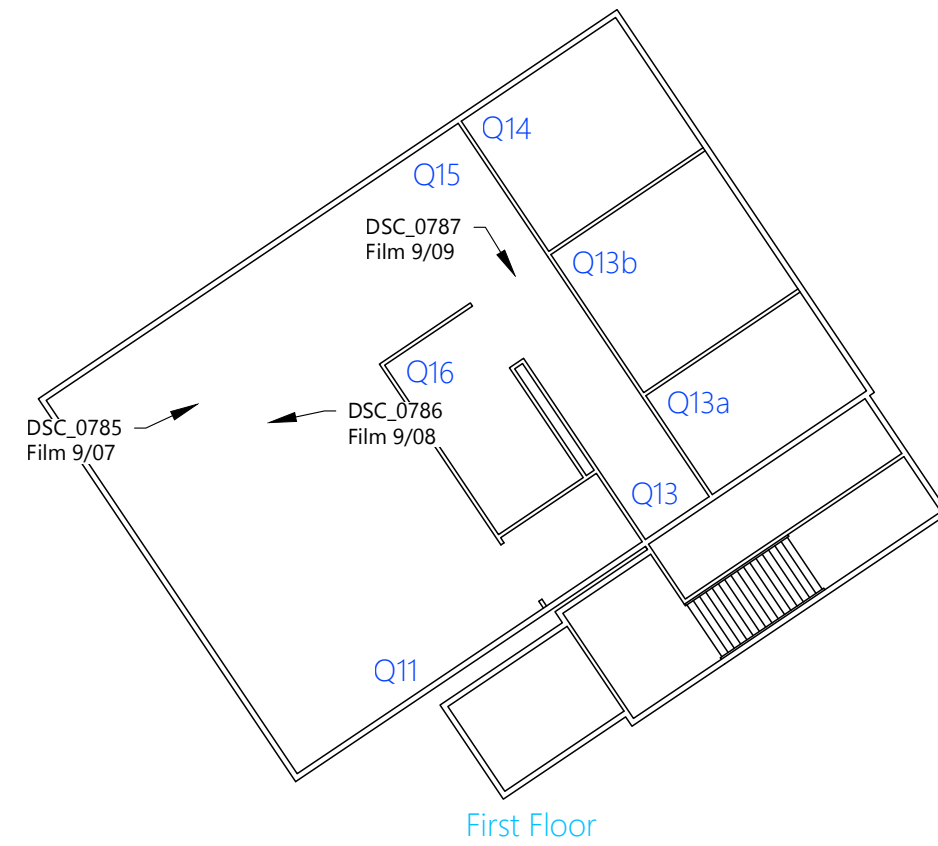
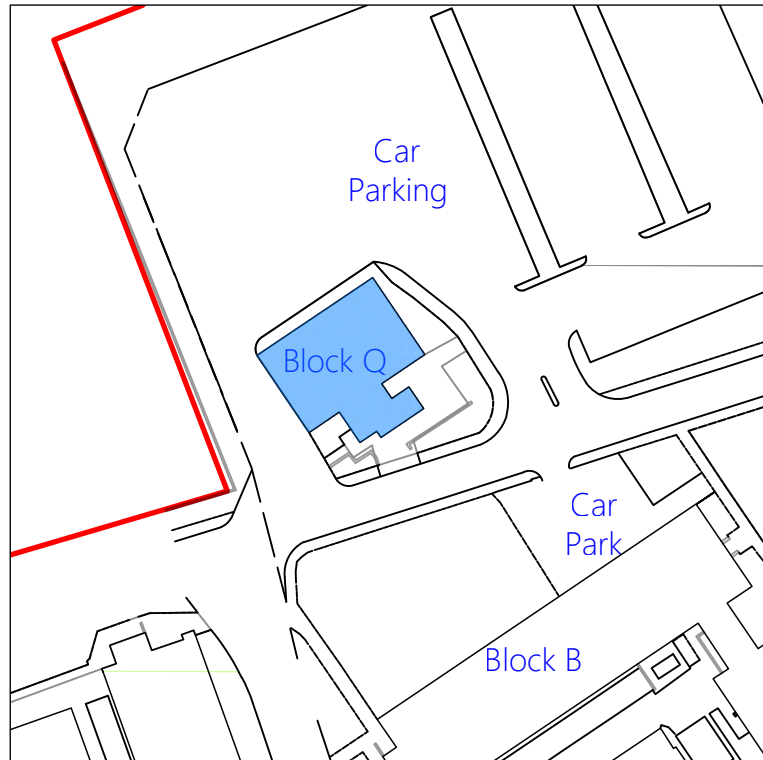


Figure 23
Block Q - All floors
Scale: 1:200 @ A3

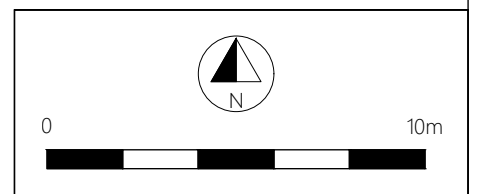
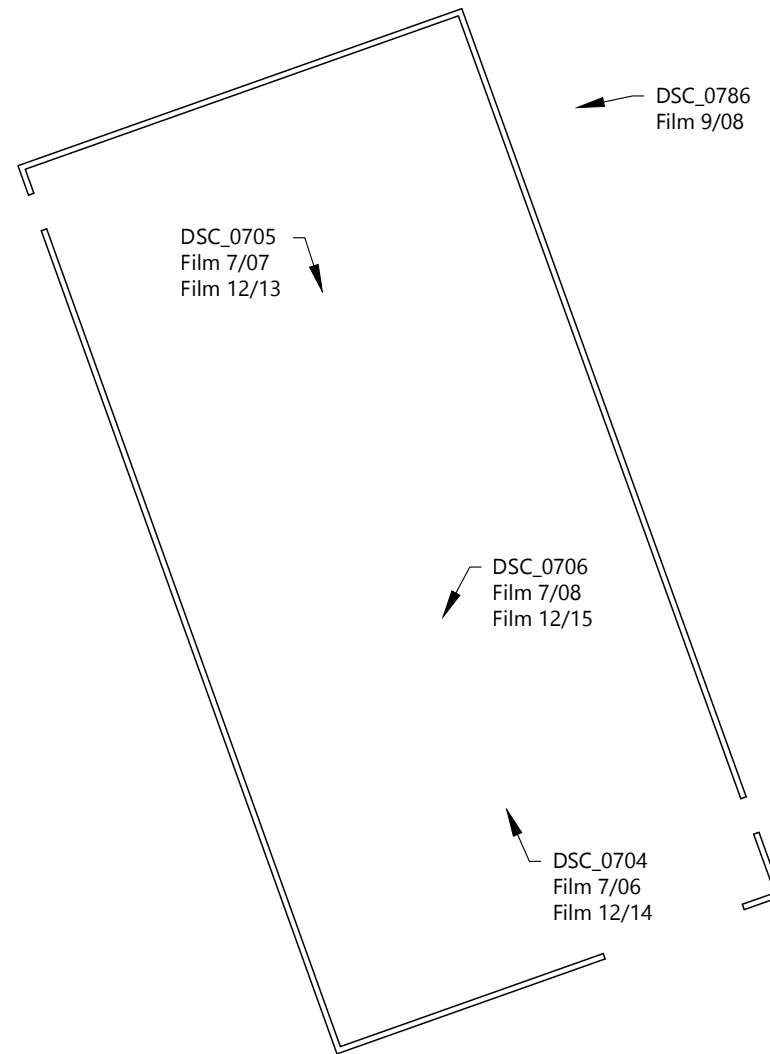
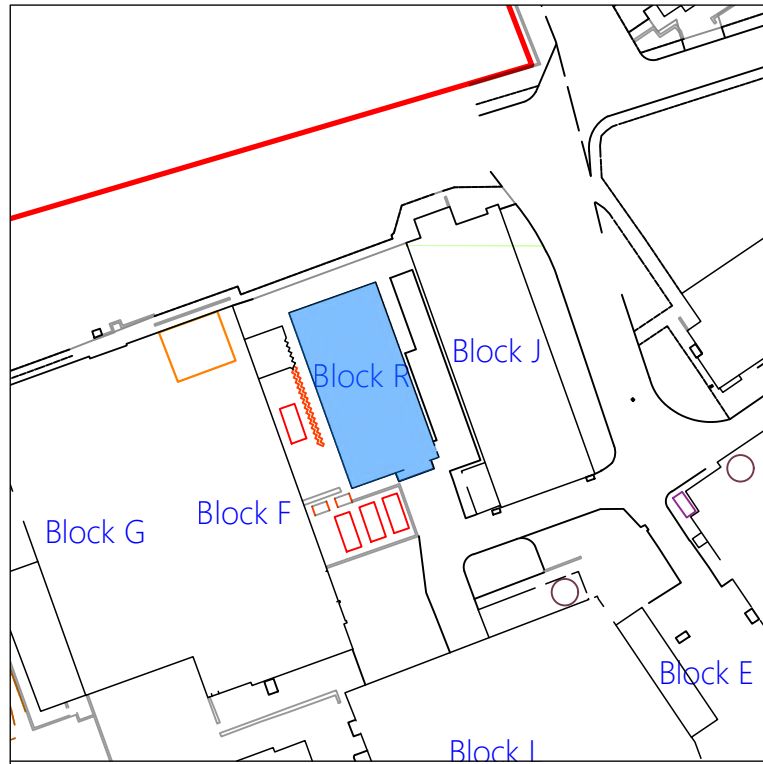


Figure 24
Block R - Ground floor
Scale: 1:200 @ A3

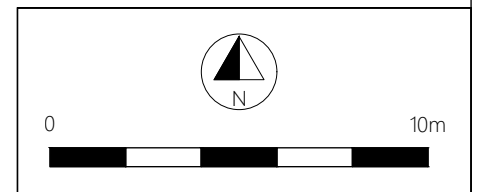
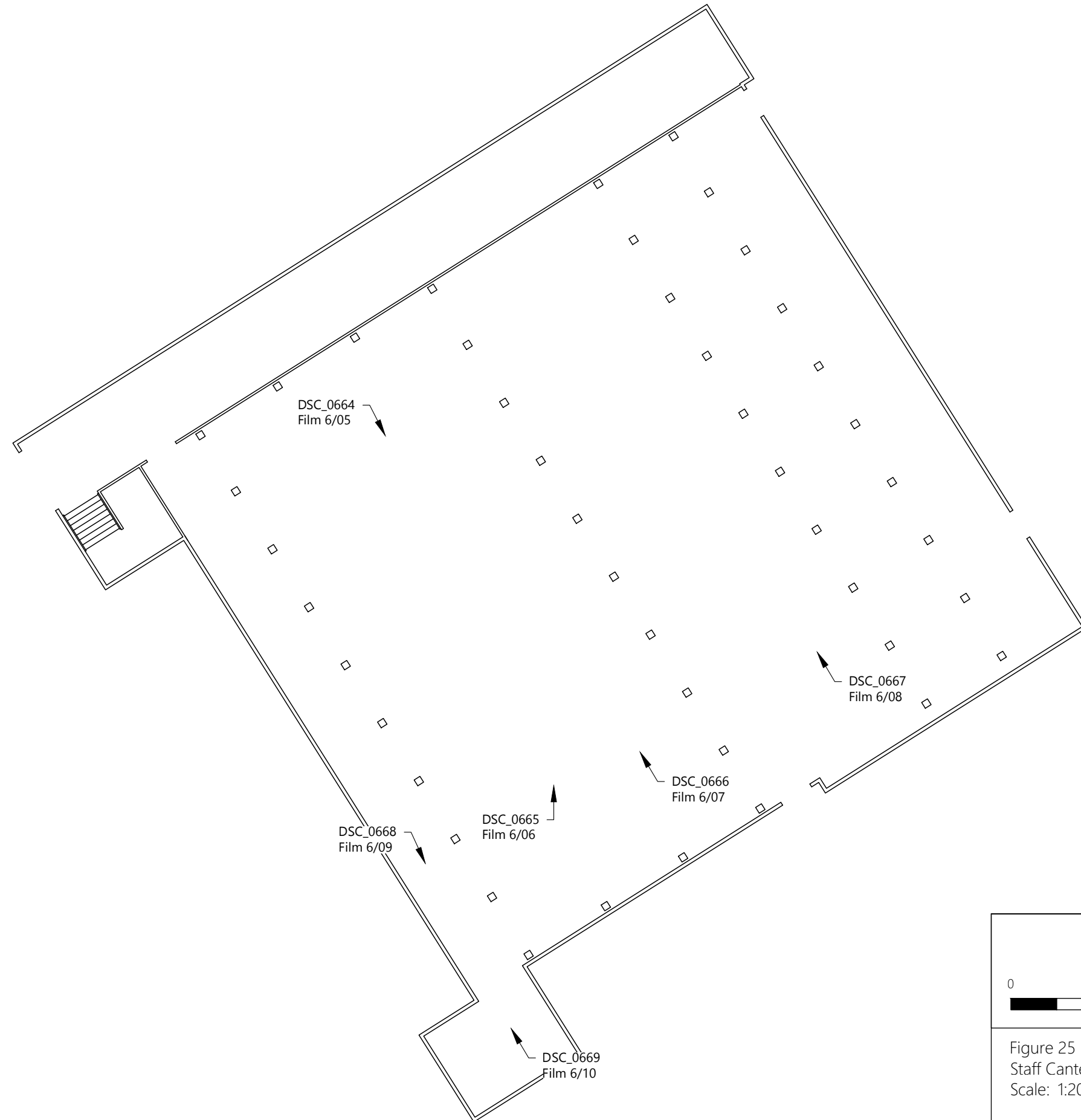


Figure 25
Staff Canteen - Ground floor
Scale: 1:200 @ A3



Plate 1. Swinden Technology Centre from Drone (DJI_0090). Facing North-west.



Plate 2. Block C from Drone (DJI_0078). Facing West.



Plate 3. Block C from Drone (DJI_0075). Facing East.



Plate 4. Block C: Exterior East Elevation (Swinden10_14). Facing West.



Plate 5. Block C: Exterior East Elevation (Swinden10_17). Facing West.



Plate 6. Block C: Exterior East Elevation (Swinden10_13). Facing South-west.



Plate 7. Block C: Exterior West Elevation (Swinden9_33). Facing North-east.



Plate 8. Block A: Exterior North Elevation (Swidon10_15). Facing South.



Plate 9. Block A: Exterior North Elevation (Swinden9_31). Facing East.



Plate 10. Block A: Exterior North and East Elevations (Swinden9_16). Facing South-west.



Plate 11. Block A: Exterior South Elevation (Swinden9_18). Facing North-west.



Plate 12. Block A: Exterior South Elevation (Swinden9_19). Facing North-east.



Plate 13. Block A: Exterior West & South Elevations (Swinden9_21). Facing North-east.



Plate 14. Block H: Exterior East & South Elevations (Swinden9_23). Facing South-west.



Plate 15. Block H: Exterior West & South Elevations (Swinden9_24). Facing North-east.



Plate 16. Block H: Exterior West Elevation (Swinden9_25). Facing East.



Plate 17. Block H: Exterior North Elevation (Swinden9_27). Facing North-east.



Plate 18. Block H: Exterior North Elevation (Swinden9_29). Facing South-west.



Plate 19. Block B from Drone (DJI_0072). Facing South.



Plate 20. Block B: Exterior North Elevation (Swinden10_07). Facing South-east.



Plate 21. Block B: Exterior East Elevation (Swinden10.12). Facing West.



Plate 22. Block B: Exterior North Elevation (Swinden10.10). Facing South-west.



Plate 23. Block B: Exterior North Elevation (Swinden10_07). Facing South-east.



Plate 24. Block B: Exterior North Elevation (Swinden10.09). Facing South.



Plate 25. Block B: Exterior West Elevation (Swinden 10_06). Facing East.



Plate 26. Block B: Exterior South Elevation (Swinden10_05). Facing North-east.



Plate 27. Block D from Drone (DJI_0126). Facing South-east.



Plate 28. Block D from Drone (DJI_0134). Facing North-east.



Plate 29. Block D: Exterior West Elevation (Swinden9_37). Facing North-east.



Plate 30. Block D: Exterior West Elevation (Swinden13_06). Facing South-east.



Plate 31. Block D: Exterior West Elevation (Swinden10_03). Facing East.



Plate 32. Block D: Exterior South Elevation (Swinden9_35). Facing South-west.



Plate 33. Block D: Exterior South Elevation (Swinden9_35). Facing North-east.



Plate 34. Block D: Exterior North Elevation (Swinden10_04). Facing North-east.



Plate 35. Block F from Drone (DJI_0213). Facing West.



Plate 36. Block F: Exterior East Elevation (Swinden10_22). Facing North-west.



Plate 37. Block F: Exterior South & West Elevations (Swinden13_18). Facing North.



Plate 38. Block F: Exterior East & South Elevations (Swinden10_25). Facing West.



Plate 39. Block F: Exterior East and North Elevations (Swinden13_26). Facing West.



Plate 40. Block F: Exterior North Elevation (Swinden10_35). Facing South.



Plate 41. Blocks G & F from Drone (DJI_0219). Facing East.



Plate 42. Block G: Exterior South Elevation (Swinden10_29). Facing North.



Plate 43. Block G: Exterior West Elevation (Swinden10_30). Facing North-east.



Plate 44. Block G: Exterior West Elevation (Swinden10_31). Facing South-east.

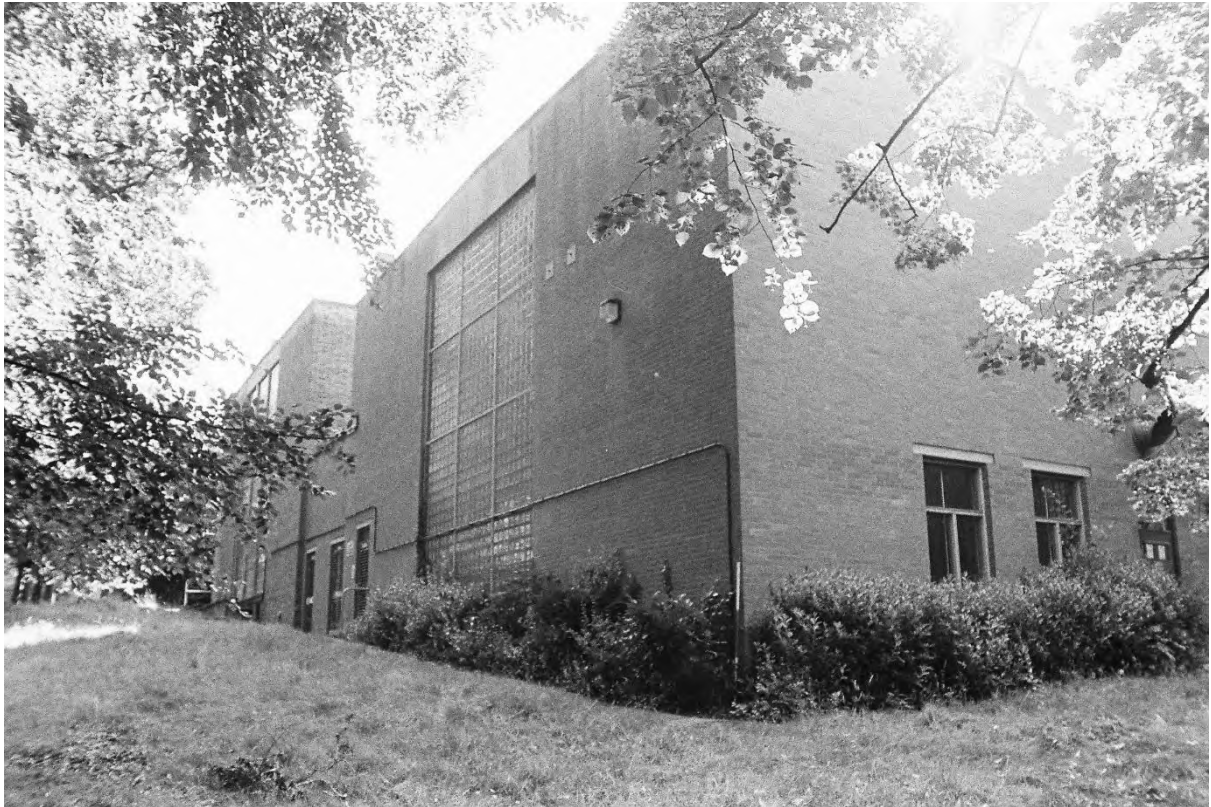


Plate 45. Block G: Exterior North & West Elevations (Swinden10_33). Facing East.



Plate 46. Block J from Drone (DJI_0143). Facing North.



Plate 47. Block J: Exterior North & West Elevations (Swinden11_02). Facing South-east.



Plate 48. Block J: Exterior East & North Elevations (Swinden11_03). Facing South.



Plate 49. Block J: Exterior East & South Elevations (Swinden11_04). Facing North-west.



Plate 50. Block J: Exterior South & West Elevations (Swinden11_06). Facing North.



Plate 51. Block J: Exterior West Elevation (Swinden11_07). Facing East.



Plate 52. Block K from Drone (DJI_0166). Facing West.



Plate 53. Block K from Drone (DJI_0172). Facing East.



Plate 54. Block K: Exterior North Elevation (Swinden13_12). Facing East.



Plate 55. Block K: Exterior East & North Elevations (Swinden11_12). Facing West.



Plate 56. Block K: Exterior East & South Elevations (Swinden11_15). Facing West.



Plate 57. Block K: Exterior West Elevation (Swinden11_19). Facing East.



Plate 58. Blocks E & L from Drone (DJI_0153). Facing North-west.



Plate 59. Block L from Drone (DJI_0162). Facing South-east.



Plate 60. Block E: Exterior South & East Elevations (Swinden13_14). Facing North-west.



Plate 61. Blocks E & L: Exterior North & East Elevations (Swinden10_18). Facing South-west.



Plate 62. Block L: Exterior East & South Elevations (Swinden11_22). Facing West.



Plate 63. Block L: Exterior South & West Elevations (Swinden11_20). Facing North-east.



Plate 64. Block L: Exterior West & North Elevations (Swinden11_24). Facing East.



Plate 65. Block L: Exterior North & West Elevations (Swinden11_25). Facing South-west.



Plate 66. Block Q from the Drone (DJI_0051). Facing South-east.



Plate 67. Block Q: Exterior West Elevation (Swinden11_26). Facing East.



Plate 68. Block Q: Exterior North Elevation (Swinden11_27). Facing South.



Plate 69. Block Q: External East Elevation (Swinden11_28). Facing West.



Plate 70. Block Q: External East & South Elevations (Swinden11_29). Facing North-west.



Plate 71. Block Q: Exterior South Elevation (Swinden11_30). Facing North.



Plate 72. Block R from the Drone (DJI_0147). Facing North-east.



Plate 73. Block R: Exterior South Elevation (Swinden11_10). Facing North.



Plate 74. Block R: Exterior East Elevation (Swinden11_08). Facing South.



Plate 75. Block R: Exterior North Elevation (Swinden10_36). Facing South.



Plate 76. Canteen from the Drone (DJI_0268). Facing West.



Plate 77. Canteen from the Drone (DJI_0274). Facing North.



Plate 78. Canteen: Exterior North Elevation (Swinden11_31). Facing East.



Plate 79. Canteen: Exterior East Elevation (Swinden11_33). Facing West.



Plate 80. Canteen: Exterior South Elevation (Swinden11_34). Facing North-west.



Plate 81. Block C: Entrance (Swinden5_36). Facing West.



Plate 82. Block C: Interior Ground Floor Room C188 (Swinden5_35). Facing North.



Plate 83. Block C: Interior Ground Floor Room C188 (Swinden4/37). Facing North-west.



Plate 84. Block C: Interior Ground Floor Room C118 (Swinden1_20). Facing South-west.



Plate 85. Block C: Interior Ground Floor Room C118 (Swinden11_21). Facing North-east.



Plate 86. Block C: Interior Ground Floor Room C117/117A (Swinden11_22). Facing North.



Plate 87. Block C: Interior Ground Floor Corridor to Block D (Swinden11/02). Facing West.



Plate 88. Ground Floor Stairs between Block C & B (Swinden11_23). Facing North-west.



Plate 89. Block C: Interior First Floor Corridor (Swinden11_25). Facing South.



Plate 90. Block C: Interior First Floor Stairs to Room C193 (Swinden11_26). Facing South-west.



Plate 91. Block C: Interior First Floor Stairs to Room C192 (Swinden11_31). Facing North-west.



Plate 92. Block C: Interior First Floor Room C135/C137 (Swinden11_27). Facing South.



Plate 93. Block C: Interior First Floor Room C135/C137 (Swinden11_28). Facing North.



Plate 94. Block C: Interior First Floor Room C132/C134 (Swinden11_29). Facing North-west.



Plate 95. Block C: Interior First Floor Room Corridor Clock (Swinden11_30). Facing West.



Plate 96. Blocks B & C: Interior First Floor Stairs (Swinden11/24). Facing North-west.



Plate 97. Block C: Interior Ground Floor Room C150/150D (Swinden11_37). Facing North.



Plate 98. Block C: Interior Ground Floor Room C150/150A/150D (Swinden15_18). Facing South-east.



Plate 99. Block C: Interior Second Floor Room C156 (Swinden11_35). Facing South.



Plate 100. Block C: Interior Second Floor Room C156 (Swinden11_36). Facing North.



Plate 101. Block C: Interior Second Floor Room 152/152A (Swinden5_17). Facing North.



Plate 102. Block A: Interior Ground Floor Entrance Hall & Stairs (Swinden5_07). Facing South.



Plate 103. Block A: Interior Ground Floor Stairs (Swinden2_12) Facing North.



Plate 104. Block A: Interior Ground Floor Room A1A (Swinden2_10). Facing South-west.



Plate 105. Block A: Interior Ground Floor Room A1 (Swinden2_08). Facing North-east.



Plate 106. Block A: Interior Ground Floor Room A1 (Swinden2_09). Facing South-west.



Plate 107. Block A: Interior Ground Floor Room A2 (Swinden5_09). Facing South-west.



Plate 108. Block A: Interior Ground Floor Room A2 (Swinden2_05). Facing North.



Plate 109. Block A: Interior Ground Floor Room A6 (Swinden2_03). Facing West.



Plate 110. Block A: Interior Ground Floor Room A8 (Swinden2_02). Facing North-east.



Plate 111. Block A: Interior Ground Floor Room A8 (Swinden2_01). Facing North.



Plate 112. Block A: Interior Ground Floor Room A14 (Swinden5_12). Facing West.



Plate 113. Blocked Entrance to Block A South (Swinden5_01). Facing North.

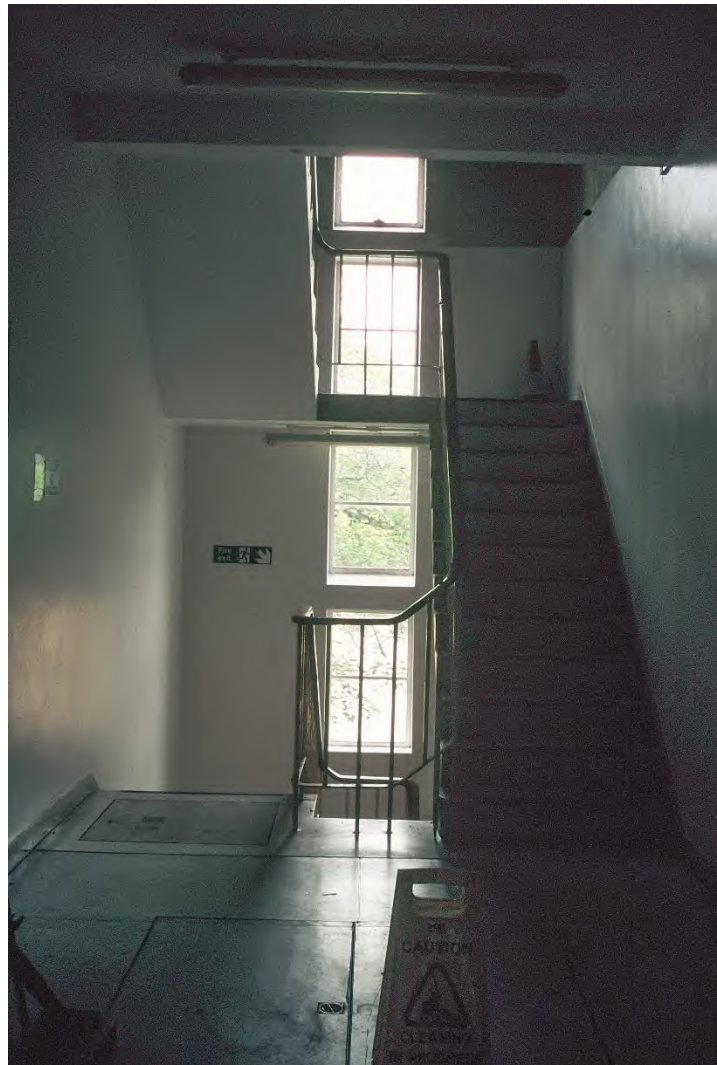


Plate 114. Block A: Interior First Floor Stairs (Swinden5_04) Facing North.



Plate 115. Block A: Interior First Floor Corridor (Swinden2_14). Facing West.



Plate 116. Block A: Interior First Floor Corridor & Skylight (Swinden5_02). Facing East.



Plate 117. Block A: Interior First Floor Entrance to Block C (Swinden2_17). Facing North.



Plate 118. Block A: Interior First Floor Room A27 (Swinden2_15). Facing East.



Plate 119. Block A: Interior First Floor Room A27 (Swinden2_16). Facing West.



Plate 120. Block A: Interior First Floor Room A54 (Swinden2_23). Facing West.



Plate 121. Block A: Interior First Floor Room A54 (Swinden2_24). Facing South-east.



Plate 122. Block H: Interior Ground Floor Stairs (Swinden2_25). Facing West.



Plate 123. Block H: Interior Ground Floor Corridor (Swinden2_27). Facing West.



Plate 124. Block H: Interior Ground Floor Corridor (Swinden3_03) Facing East.



Plate 125. Block H: Interior Ground Floor Goods Lift (Swinden3_16). Facing West.



Plate 126. Block H: Interior Basement Duct (Swinden7_24). Facing South.



Plate 127. Block H: Interior Basement Duct (Swinden7_22). Facing North.



Plate 128. Block H: Interior Ground Floor Room H4 (Swinden2_28). Facing East.



Plate 129. Block H: Interior Ground Floor Room H4 (Swinden2_29). Facing West.



Plate 130. Block H: Interior Ground Floor Room H10 (Swinden2_35). Facing South.



Plate 131. Block H: Interior Ground Floor Room H10 (Swinden2_34). Facing North.



Plate 132. Block H: Interior Ground Floor Room H12 (Swinden3_06). Facing West.



Plate 133. Block H: Interior Ground Floor Room H12 (Swinden3_07). Facing East.



Plate 134. Block H: Interior Ground Floor Room H12D (Swinden3_09). Facing North.



Plate 135. Block H: Interior Ground Floor Room H12G (Swinden3_05). Facing South-west.



Plate 136. Block H: Interior First Floor Corridor (Swinden3_24). Facing East.



Plate 137. Block H: Interior First Floor Room H22/H24 (Swinden3_26). Facing South-west.



Plate 138. Block H: Interior First Floor Room H28 (Swinden3_25). Facing North.



Plate 139. Block H: Interior First Floor Room H38/42 (Swinden3_22). Facing West.



Plate 140. Block H: Interior First Floor Room H40 (Swinden3_20) Facing East.



Plate 141. Block H: Interior Roof Access (Swinden3_28). Facing South.



Plate 142. Block B Ground Floor Entrance from Block C (Swinden4_10). Facing North.

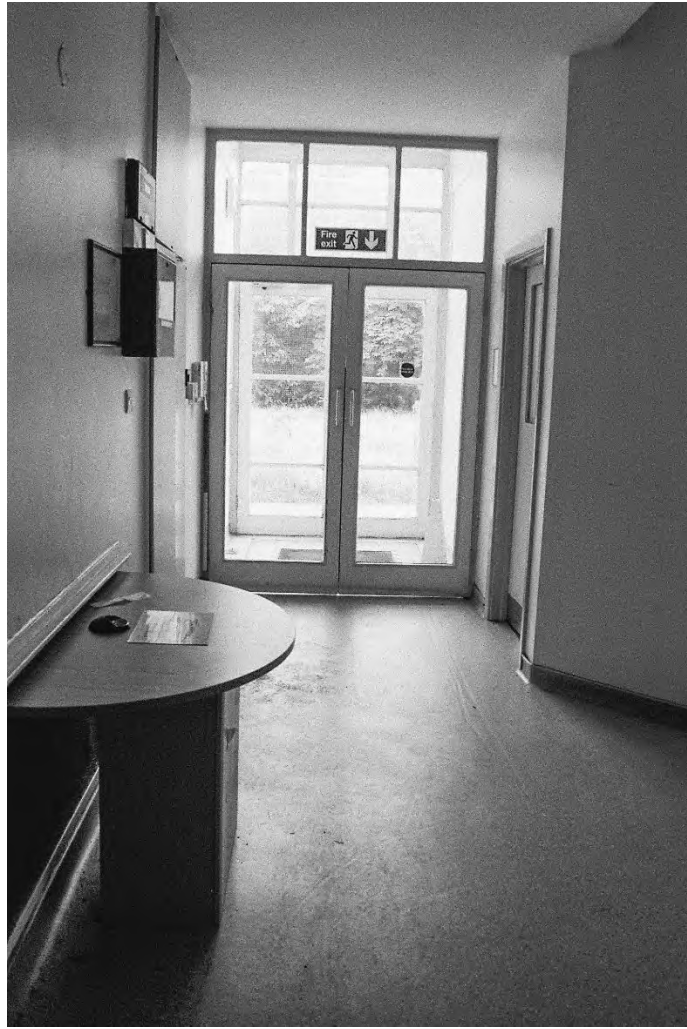


Plate 143. Block B: Interior Ground Floor East Entrance (Swinden4_12). Facing East.



Plate 144. Block B: Interior Ground Floor Corridor (Swinden4_31). Facing West.



Plate 145. Block B: Interior Ground Floor Corridor (Swinden5_22). Facing East.



Plate 146. Block B: Interior Ground Floor Room B61 (Swinden4_14). Facing West.

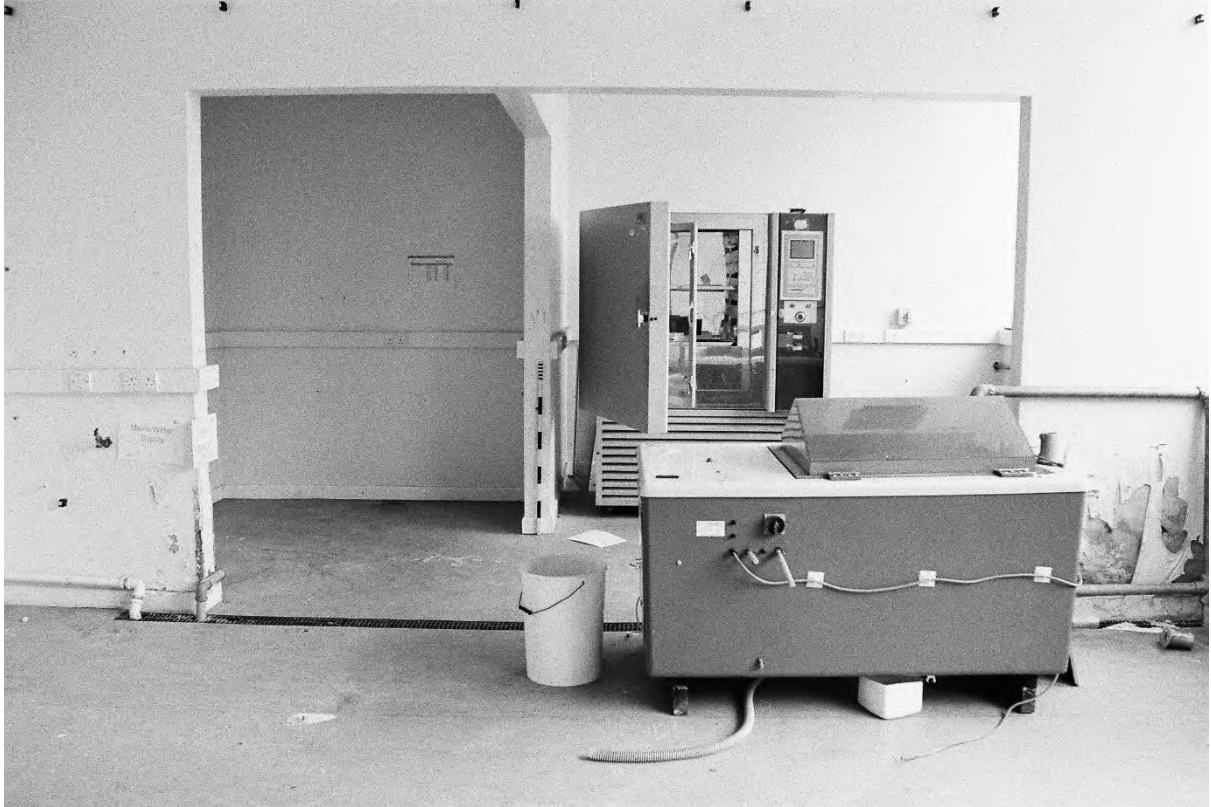


Plate 147. Block B: Interior Ground Floor Room B71 (Swinden4_16). Facing West.



Plate 148. Block B: Interior Ground Floor Room B68 (Swinden4_20). Facing South.



Plate 149. Block B: Interior Ground Floor Room B68A (Swinden4_23). Facing West.



Plate 150. Block B: Interior Ground Floor Room B69 (Swinden4_25). Facing South.



Plate 151. Block B: Interior Ground Floor Room B78/B79 (Swinden4_26). Facing West.



Plate 152. Block B: Interior First Floor Corridor & Skylight (Swinden3_30). Facing North.



Plate 153. Block B: Interior First Floor Corridor (Swinden5_21). Facing South.



Plate 154. Block B: Interior First Floor Corridor (Swinden4_04). Facing South-west.



Plate 155. Block B: Interior First Floor Room B88 (Swinden3_33). Facing North-west.

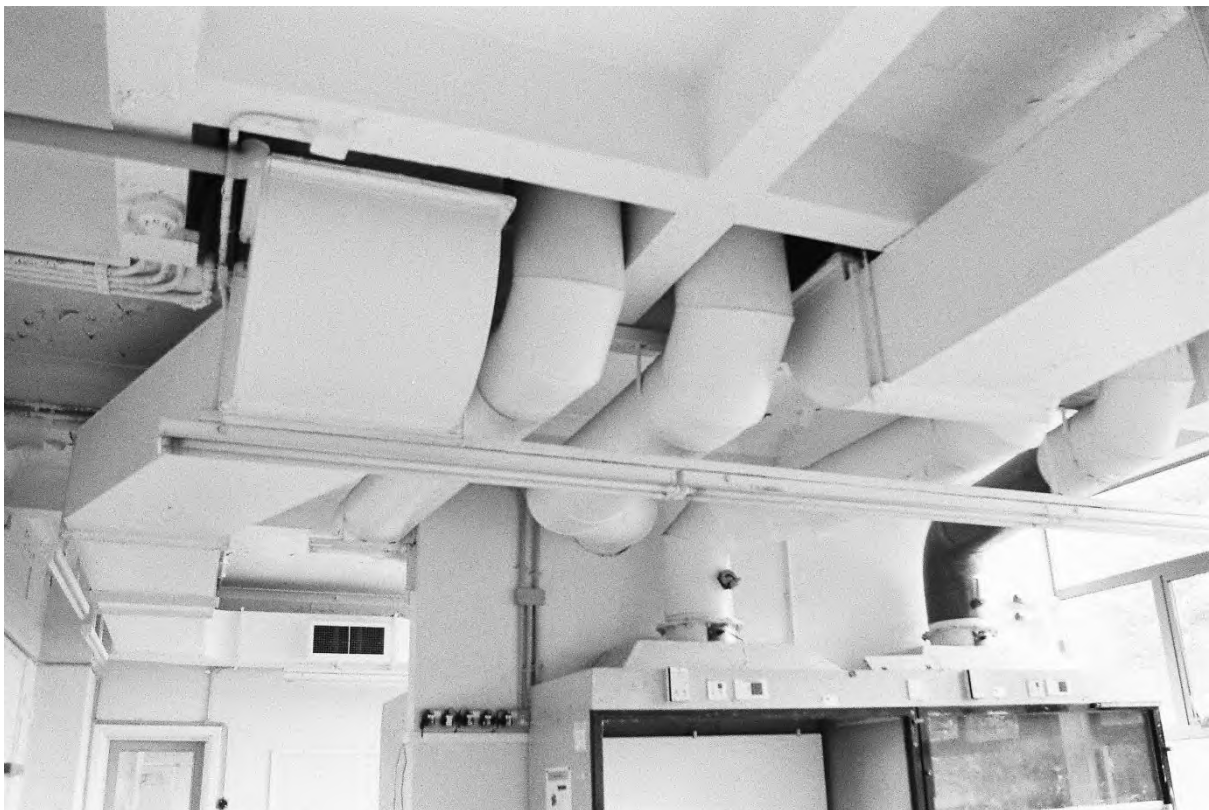


Plate 156. Block B: Interior First Floor Room B88 (Swinden3_32). Facing North-west.



Plate 157. Block B: Interior First Floor Room B89/B90 (Swinden3_35). Facing North-east.



Plate 158. Block B: Interior First Floor Room B91 (Swinden3_37). Facing North-west.



Plate 159. Block B: Interior First Floor Room B91 (Swinden4_01). Facing North-east.



Plate 160. Block B: Interior First Floor Room B102/B102A (Swinden4_07). Facing West.



Plate 161. Block D: Interior Corridor D186 (Swinden3_32). Facing East.



Plate 162. Block D: Interior D182 (Swinden5_34). Facing West.



Plate 163. Block D: Interior Room D182 (Swinden5_33). Facing East.

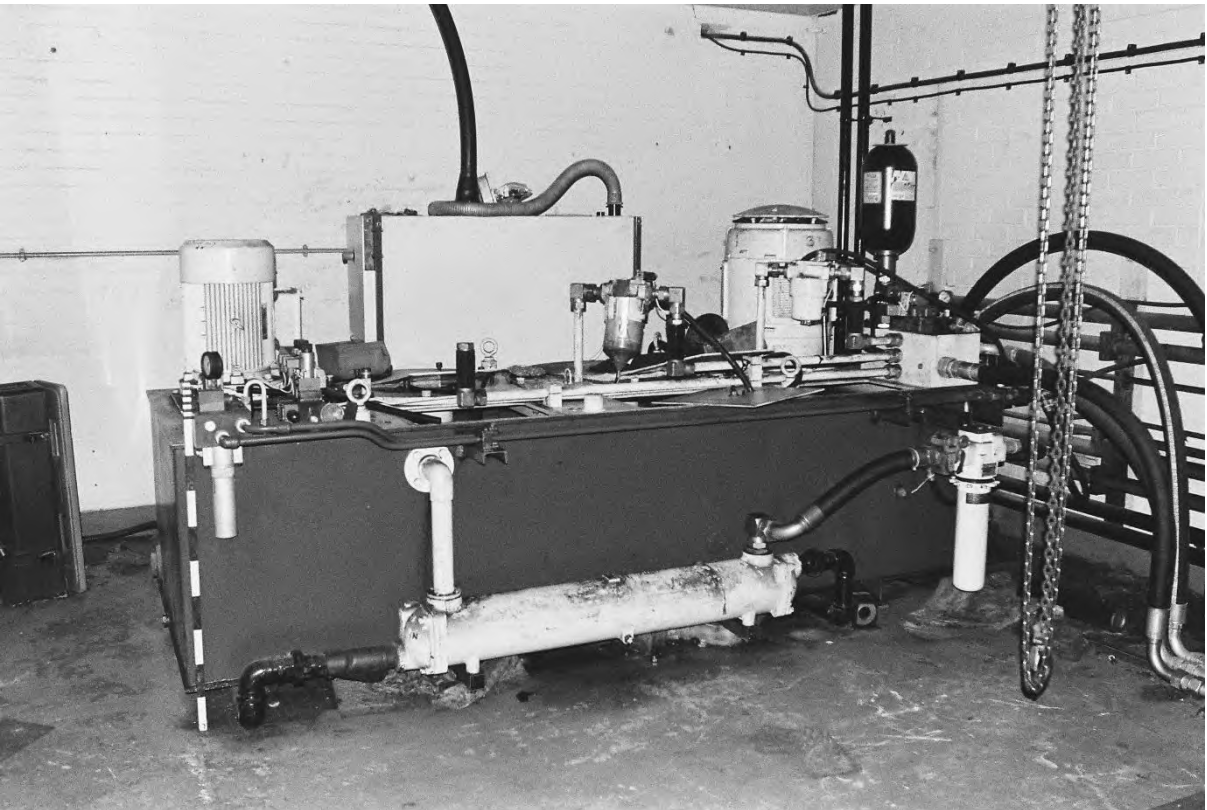


Plate 164. Block D: Interior Room D175A (Swinden1_14). Facing North.



Plate 165. Block D: Interior Room D216 (Swinden1_16). Facing West.



Plate 166. Block D: Interior Room D211 (Swinden1_18). Facing East.



Plate 167. Block D: Interior Room D176/D179 (Swinden5_29). Facing West.



Plate 168. Block D: Interior Room D176/D179 (Swinden5_31). Facing East.



Plate 169. Block D: Interior Room D179A (Swinden1_06). Facing North-west.



Plate 170. Block D: Interior Room D214 (Swinden6_04). Facing East.



Plate 171. Block F: Interior Ground Floor Room F8 (Swinden6_12). Facing South.



Plate 172. Block F: Interior Ground Floor Room F8/F10 (Swinden12_01). Facing North.



Plate 173. Block F: Interior Ground Floor Room F8 (Swinden12_02). Facing North-west.



Plate 174. Block F: Interior Ground Floor Room F8 (Swinden12_04). Facing South-east.



Plate 175. Block F: Interior Ground Floor Room F8 (Swinden6_20). Facing North.



Plate 176. Block F: Interior Ground Floor Room F7 (Swinden6_19). Facing South-west.



Plate 177. Block F: Interior First Floor Room F4 (Swinden6_21). Facing East.



Plate 178. Block F: Interior First Floor Room F3 (Swinden6_22). Facing West.



Plate 179. Block F: Interior First Floor Room F4 (Swinden6_24). Facing East.

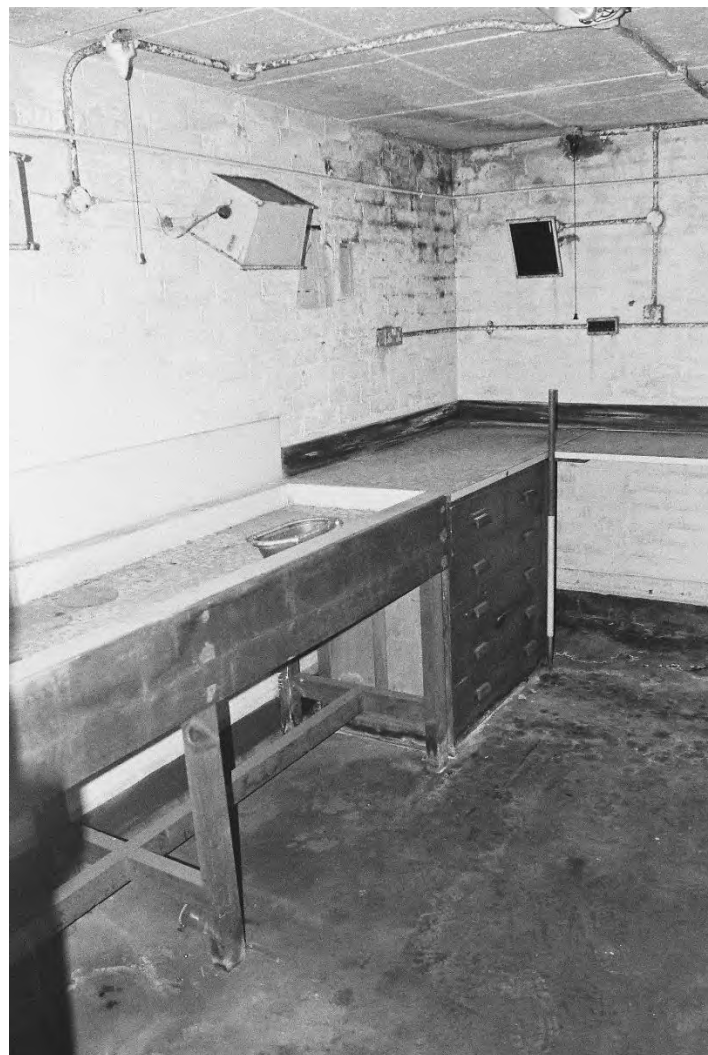


Plate 180. Block F: Interior Second Floor Room F5 (Swinden6_23). Facing South-west.



Plate 181. Block G: Interior Mezzanine (Swinden6_25). Facing North.



Plate 182. Block G: Interior Mezzanine (Swinden6_26). Facing South.



Plate 183. Block G: Interior Mezzanine & Room G2 (Swinden6_31). Facing North-east.



Plate 184. Block G: Interior Room G2 (Swinden7_05). Facing South-west.



Plate 185. Block G: Interior Room G1 (Swinden6_30). Facing South.



Plate 186. Block G: Interior Room G1 (Swinden6_32). Facing North.



Plate 187. Block G Extension: Room G15 (Swinden6_35). Facing North.



Plate 188. Block G Extension: Room G15 (Swinden6_36). Facing South.

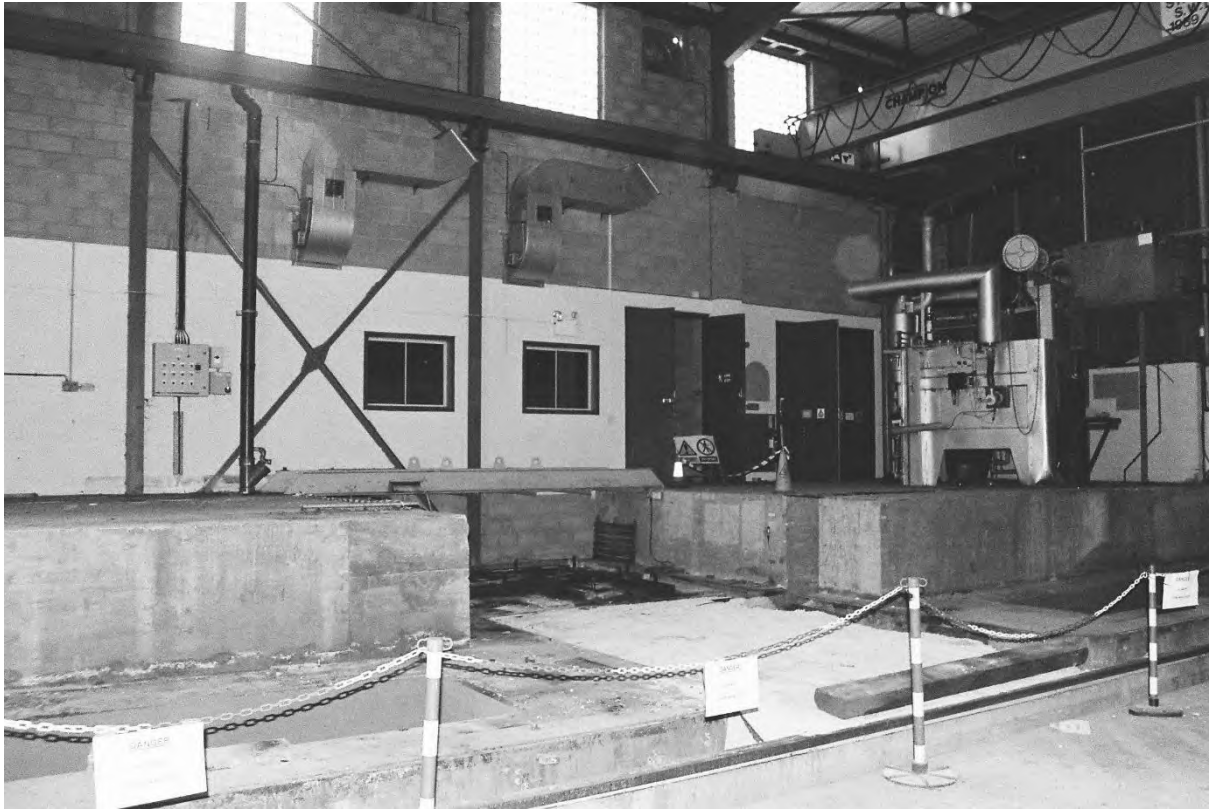


Plate 189. Block G Extension: Room G15 (Swinden6_37). Facing South-east.



Plate 190. Block G: West Entrance (Swinden7_01). Facing South.



Plate 191. Block J: Interior Ground Floor Corridor (Swinden7_21). Facing South.



Plate 192. Block J: Interior Ground Floor Room J14 (Swinden7_17). Facing North.



Plate 193. Block J: Interior Ground Floor Room J14 (Swinden7_18). Facing South.



Plate 194. Block J: Interior Ground Floor Room J14 (Swinden7_16). Facing North-west.



Plate 195. Block J: Interior Ground Floor Room J13 (Swinden7_19). Facing West.

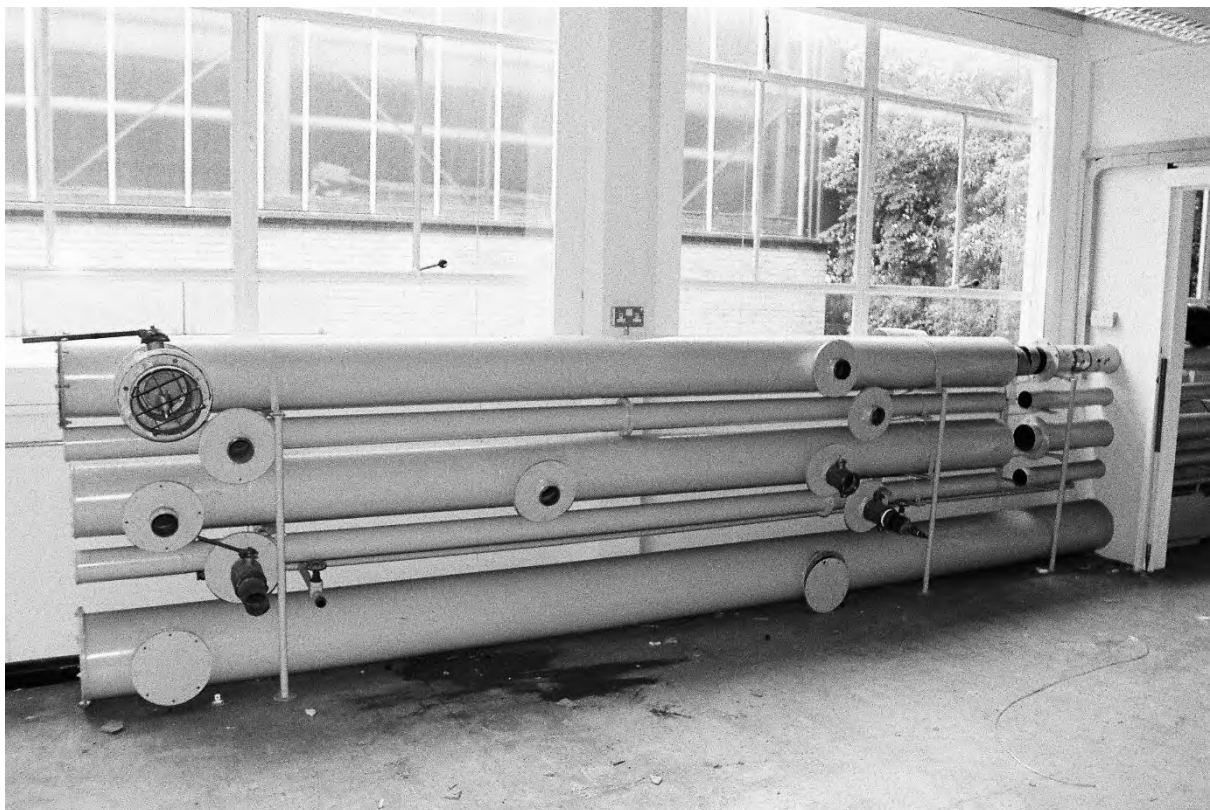


Plate 196. Block J: Interior Ground Floor Room J11A (Swinden7_20). Facing North-west.



Plate 197. Block J: Interior First Floor Corridor J36 (Swinden7_12). Facing South.

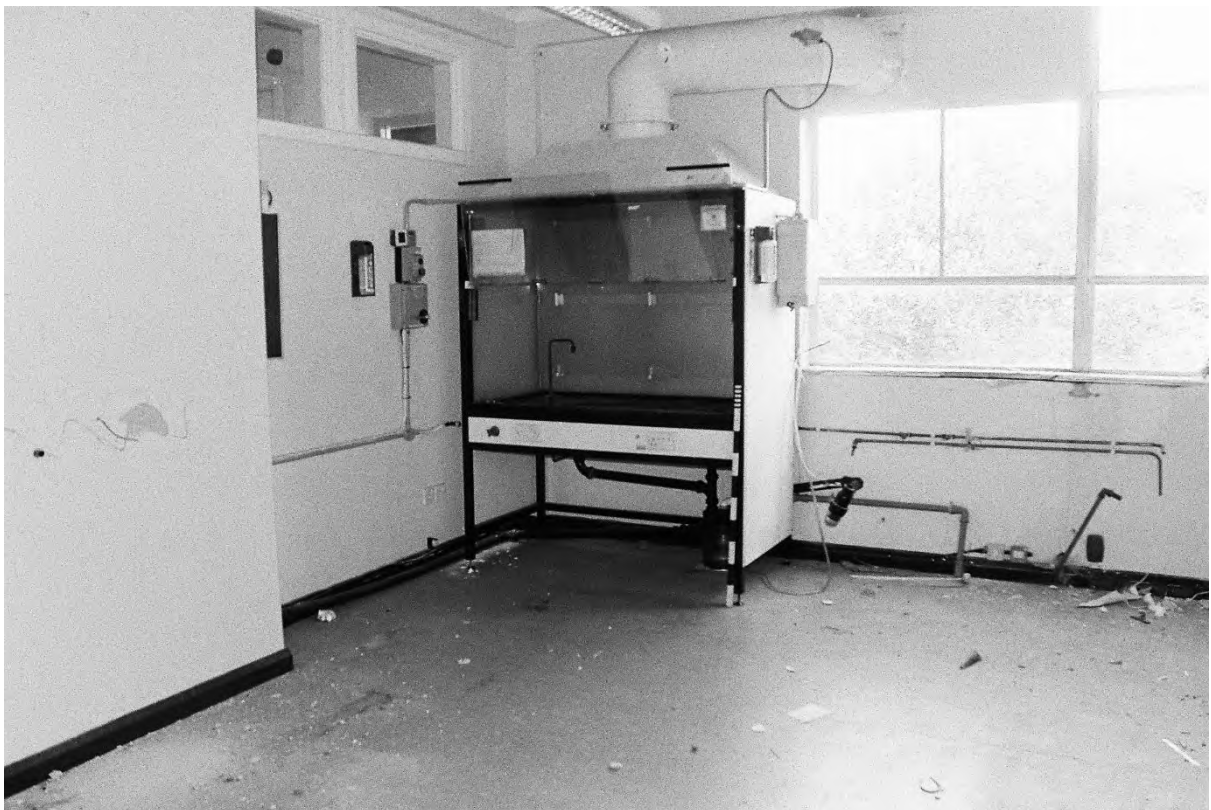


Plate 198. Block J: Interior First Floor J34 (Swinden7_09). Facing North-west.



Plate 199. Block J: Interior First Floor J34 (Swinden7_10). Facing South-west.



Plate 200. Block J: Interior First Floor Room J33/J33A (Swinden7_11). Facing South-east.



Plate 201. Block K: Interior Basement Duct (Swinden7_26). Facing West.



Plate 202. Block K: Interior Basement Duct (Swinden7_27). Facing East.



Plate 203. Block K: Interior Basement Stairs (Swinden7_28). Facing North.



Plate 204. Block K: Interior Ground Floor Goods Elevator (Swinden7_29). Facing North-west.



Plate 205. Block K: Interior Ground Floor Corridor (Swinden7_30).
Facing North-east.



Plate 206. Block K: Interior Ground Floor Corridor (Swinden7_33).
Facing East.



Plate 207. Block K: Interior Ground Floor Room K1 (Swinden8_04). Facing North-east.



Plate 208. Block K: Interior Ground Floor Room K9 (Swinden8_06). Facing West.



Plate 209. Block K: Interior Ground Floor Room K9 (Swinden8_07). Facing East.



Plate 210. Block K: Interior Ground Floor Room K2/K8/K10 (Swinden7_37). Facing West.



Plate 211. Block K: Interior Ground Floor Room K2/K8 (Swinden8_03). Facing East.



Plate 212. Block K: Interior Ground Floor Corridor & Room K9 (Swinden8_02). Facing South.



Plate 213. Block K: Interior Ground Floor Room K12 (Swinden7_36). Facing South.



Plate 214. Block K: Interior Ground Floor Room K14 (Swinden7_34). Facing South-west.



Plate 215. Block K: Interior Ground Floor Room K14 (Swinden7_35). Facing South-east.



Plate 216. Block K: Interior Ground Floor Room K18 (Swinden7_31). Facing North-east.



Plate 217. Block K: Interior Ground Floor Room K18 (Swinden7_32). Facing South-west.



Plate 218. Block K: Interior First Floor Room K28 (Swinden8_15). Facing South.



Plate 219. Block K: Interior First Floor Room K30 (Swinden8_14). Facing West.



Plate 220. Block K: Interior First Floor Room K29/K37 (Swinden12_25). Facing West.



Plate 221. Block K: Interior First Floor Room K29/K37 (Swinden8_11). Facing East.



Plate 222. Block K: Interior First Floor Room K37(Swinden8_12). Facing North-west.



Plate 223. Block K: Interior First Floor Room K33 (Swinden8_13). Facing North-west.



Plate 224. Block K: Interior First Floor Room K42/K44 (Swinden8_08). Facing North-east.



Plate 225. Block K: Interior First Floor Room K42/K44 (Swinden8_09). Facing South-west.



Plate 226. Block L: Interior Basement Room L31 Goods Elevator (Swinden8_33). Facing North.



Plate 227. Block L: Interior Basement Room L31 (Swinden8_34). Facing West.



Plate 228. Block L: Interior Ground Floor Room L16 (Swinden8_19). Facing South-west.



Plate 229. Block L: Interior Ground Floor Room L16 (Swinden8_20). Facing South-east.



Plate 230. Block L: Interior Ground Floor Room L15 (Swinden12_32). Facing North-west.



Plate 231. Block L: Interior Ground Floor Room L15 Goods Elevator (Swinden8_22). Facing South.



Plate 232. Block L: Interior Ground Floor Room L15 (Swinden8_23). Facing South.



Plate 233. Block L: Interior Ground Floor Room L17 (Swinden8_25). Facing North.



Plate 234. Block L: Interior Ground Floor Room L17 (Swinden8_26). Facing South.



Plate 235. Block L: Interior Ground Floor Room L18/L18A (Swinden8_28). Facing South.



Plate 236. Block L: Interior Ground Floor Room L18A (Swinden8_29). Facing North.



Plate 237. Block L: Interior Ground Floor Room L36 (Swinden8_30). Facing North-west.



Plate 238. Block L: Interior Ground Floor Room L18 (Swinden8_32). Facing North-west.



Plate 239. Block L: Interior Ground Floor Room L1 (Swinden8_16). Facing East.



Plate 240. Block L: Interior Ground Floor Room L4/L4A (Swinden8_36). Facing West.



Plate 241. Block L: Interior First Floor (Swinden8_17). Facing West.



Plate 242. Block L: Interior First Floor Room L28 (Swinden8_18). Facing West.



Plate 243. Building Q: Interior Ground Floor Entrance (Swinden9_10). Facing North.



Plate 244. Block Q: Interior Ground Floor Room Q9A (Swinden9_12). Facing North.



Plate 245. Block Q: Interior Ground Floor Room Q1 (Swinden9_13). Facing North-west.



Plate 246. Block Q: Interior Ground Floor Room Q2 (Swinden9_14). Facing West.



Plate 247. Block Q: Interior Ground Floor Room Q4/Q8 (Swinden9_15). Facing North.



Plate 248. Block Q: Interior First Floor Room Q13/Q15 (Swinden9_15). Facing North.



Plate 249. Block Q: Interior First Floor Room Q11/Q15 (Swinden9_09). Facing South.



Plate 250. Block Q: Interior Second Floor Room Q18 (Swinden9_15). Facing North.



Plate 251. Block Q: Interior Second Floor Room Q18 (Swinden9_06). Facing South.



Plate 252. Block Q: Interior Second Floor Room Q19/Q19A (Swinden9_04). Facing North.



Plate 253. Block Q: Interior Second Floor Room Q19/Q20 (Swinden9_05). Facing South.



Plate 254. Block Q: Interior Second Floor Room Q11 (Swinden9_02). Facing North-west.

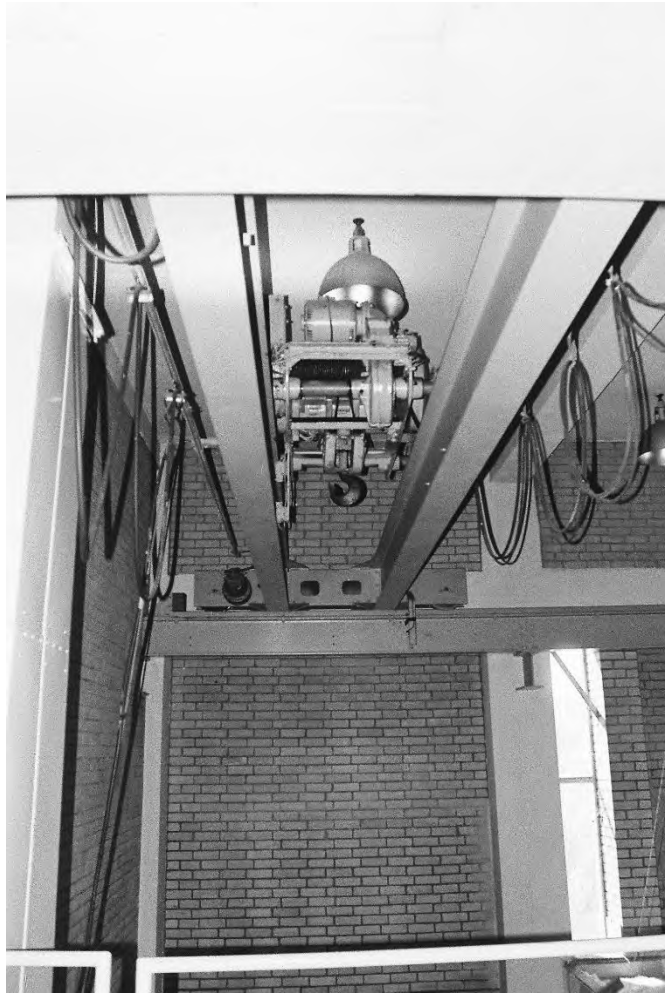


Plate 255. Block Q: Interior Second Floor Room Q11 (Swinden9_03). Facing West.



Plate 256. Block R Interior (Swinden12_13). Facing South.



Plate 257. Block R: Interior (Swinden7_06). Facing North.



Plate 258. Block R: Interior (Swinden7_08). Facing South-west.



Plate 259. Canteen: Interior (Swinden6_05). Facing South.



Plate 260. Canteen: Interior (Swinden6_07). Facing North.



Plate 261. Canteen: Interior (Swinden6_06). Facing North-east.



Plate 262. Canteen: Interior (Swinden6_08). Facing North.



Plate 263. Canteen: Interior (Swinden6_09). Facing West.



Plate 264. Canteen: Interior (Swinden6_10). Facing West.

APPENDIX 1

Historic England Archive : Swinden Technology Centre in 2002

In 2002, photographs of the Buildings and Works at Swinden Technology Centre were taken (Historic England Archive Ref. BF109763). Of the 34 images taken, 11 are reproduced below including one of Block A, one of Block D, 6 of Block F and 3 of Block G. The other images were external shots, detail shots of cast ingots, generic internal shots and images of Swinden House and Sitwell House.

These images were chosen for reproduction as they provide details of the laboratories when in use.

All images are reproduced with permission from Historic England Archive (Ref. 130376).



AA040594 Block A – creep testing laboratory, studying the deformation of metal over a long time including some continuing experiments commenced in 1958 (copyright Historic England Archive 2002)



AA040573: General View of Block D (copyright Historic England Archive 2002)



AA040577 Block F. built in 1958 and used for combustion processing studies (copyright Historic England Archive 2002)



AA040578 F Block - small high frequency furnace used to assay scrap metal (copyright Historic England Archive 2002)



AA040579 F Block - melting scrap metal prior to forming ingots for testing (copyright Historic England Archive 2002)



AA040580 General view of F Block (copyright Historic England Archive 2002)



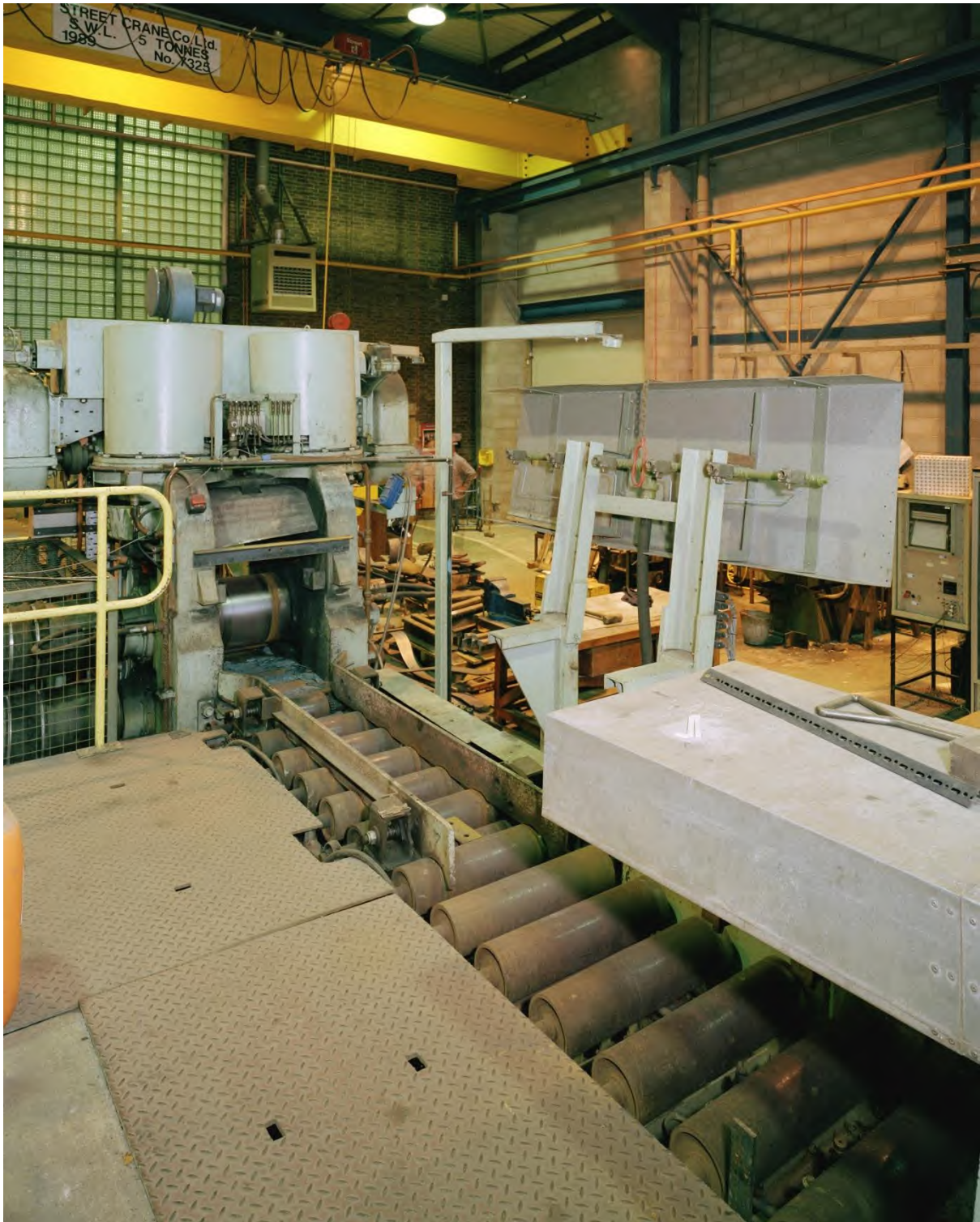
AA040581 F Block - general view of working floor with offices beyond (copyright Historic England Archive 2002)



AA040584 F Block - soaking pit for reheating ingots prior to rolling (copyright Historic England Archive 2002)



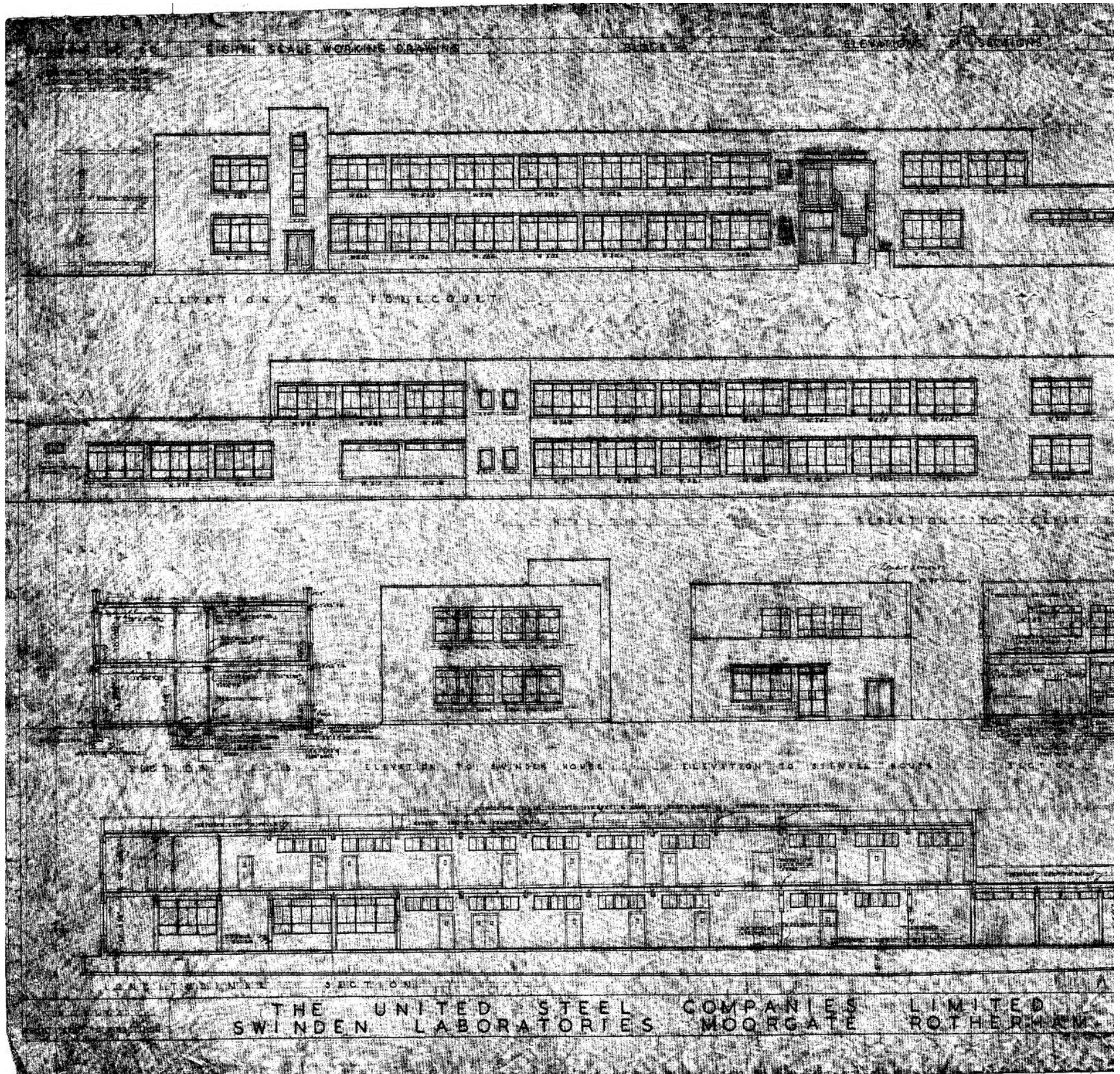
AA040586 G Block, built in 1961 - designed for Minerals and Ore Dressing work. Presently used for welding (copyright Historic England Archive 2002)



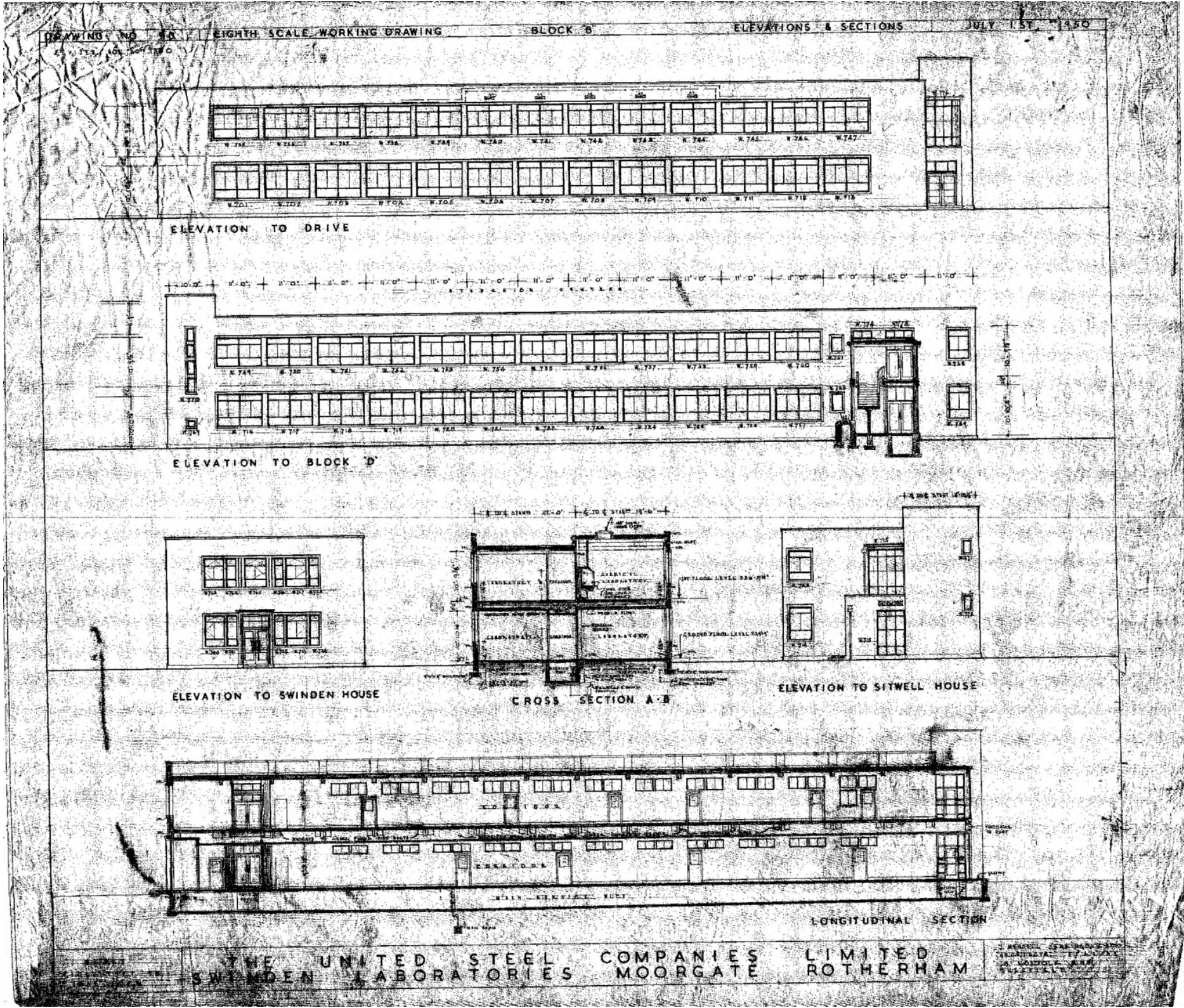
AA040587 G Block extension, built in 1989 to house an experimental rolling mill



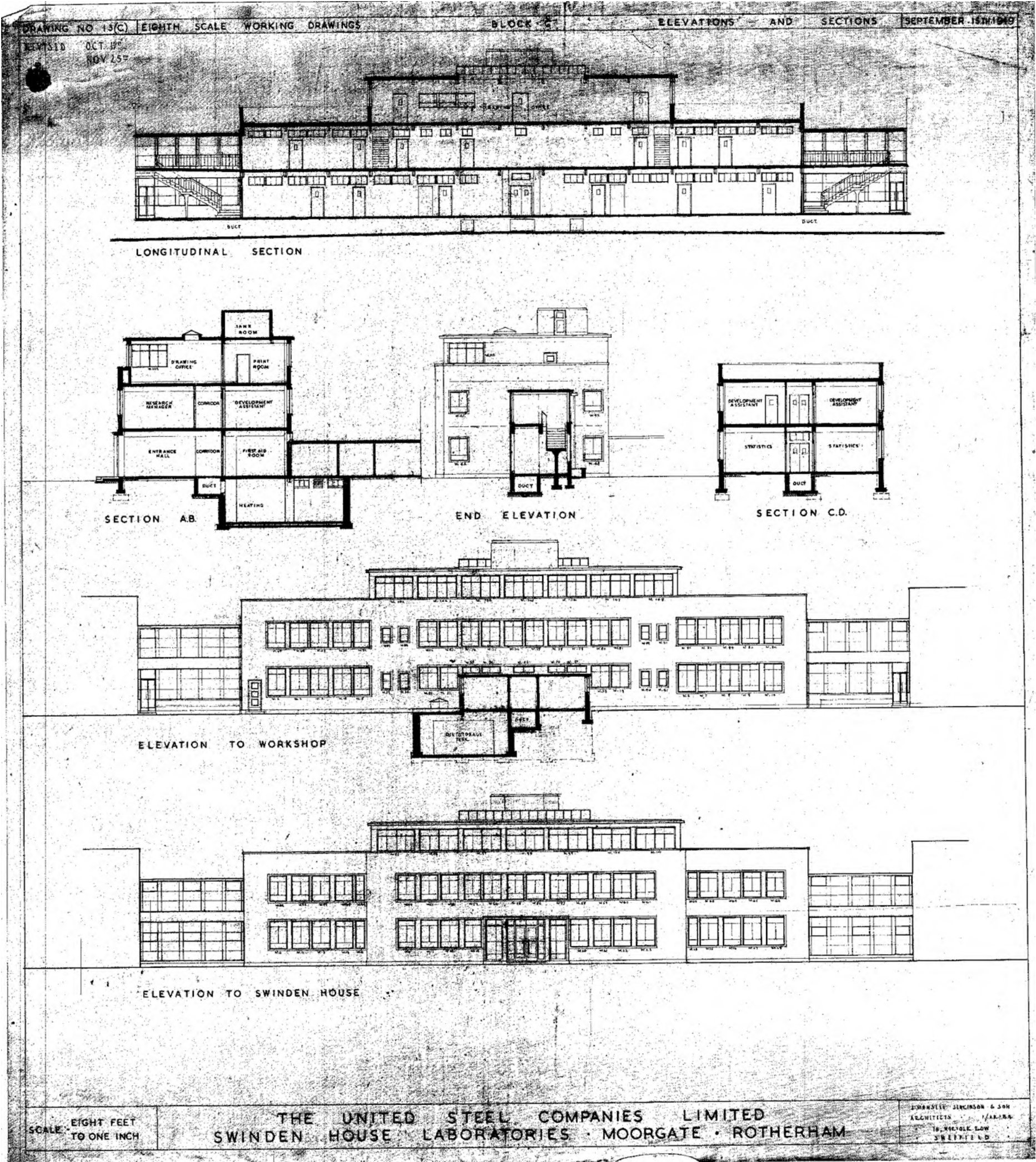
AA040592 G Block extension - experimental rolling mill (copyright Historic England Archive 2002)



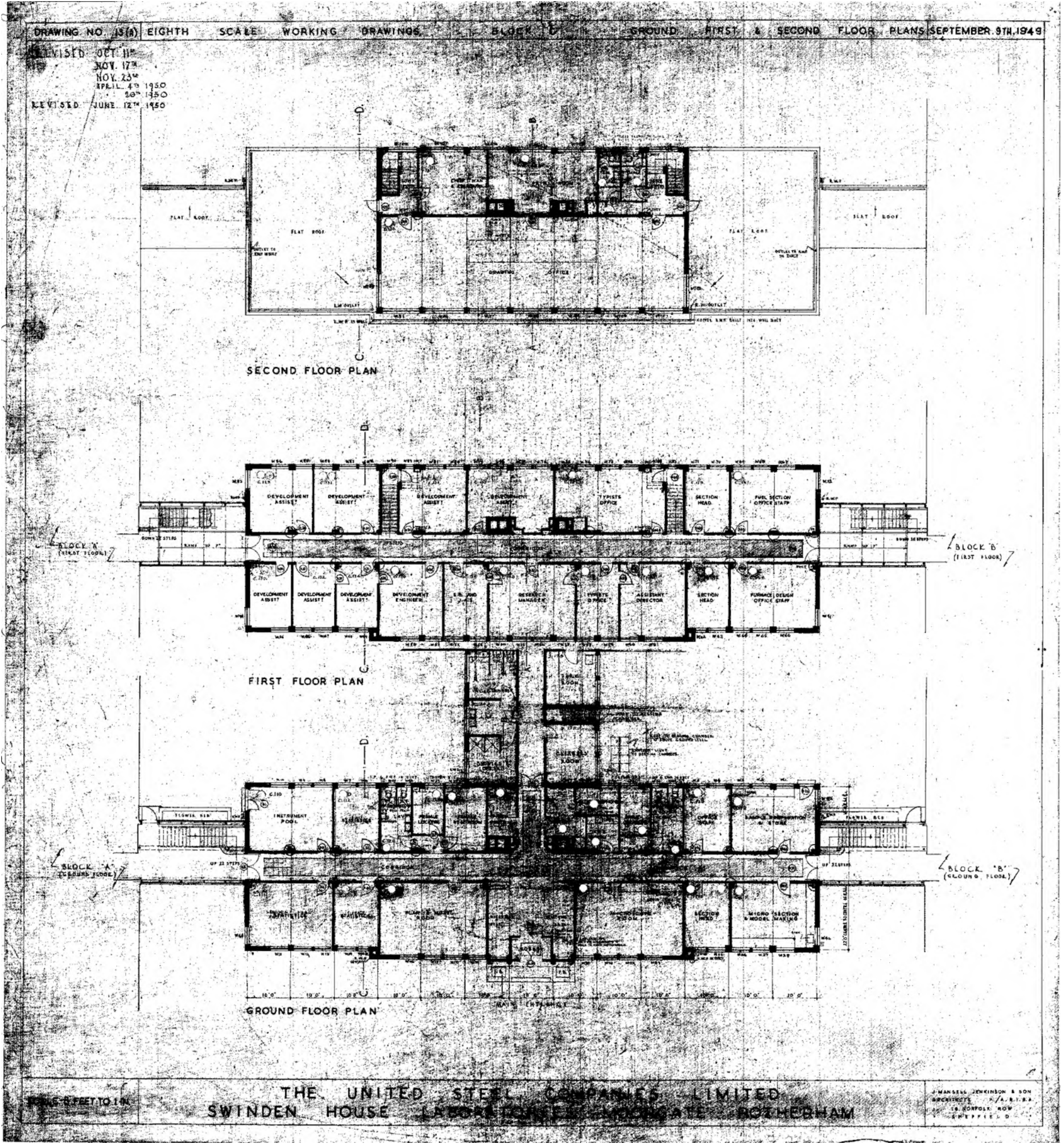
Block A. Elevations & Sections (1949 United Steel Companies Limited).



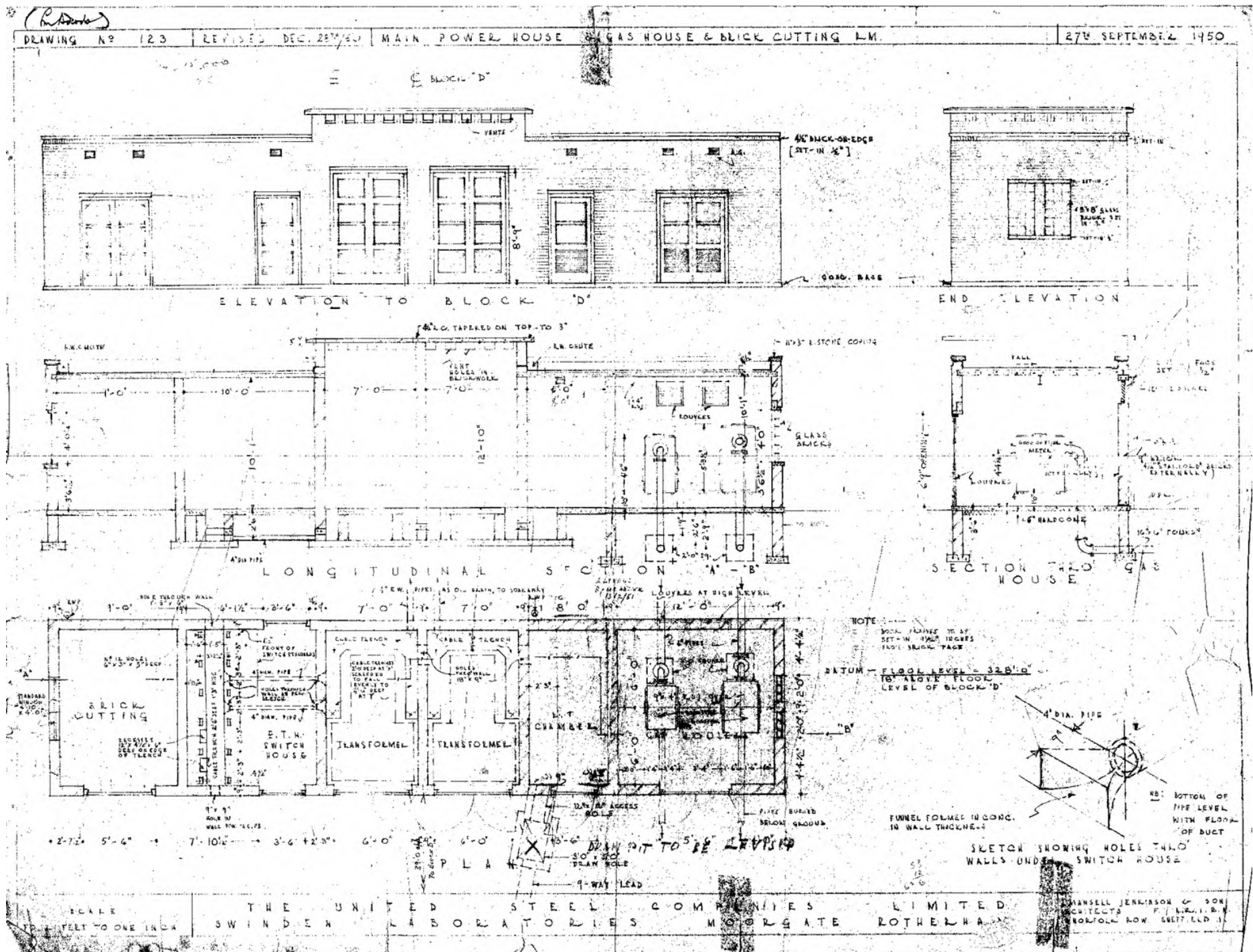
Block B. Elevations & Sections (1950 United Steel Companies Limited).



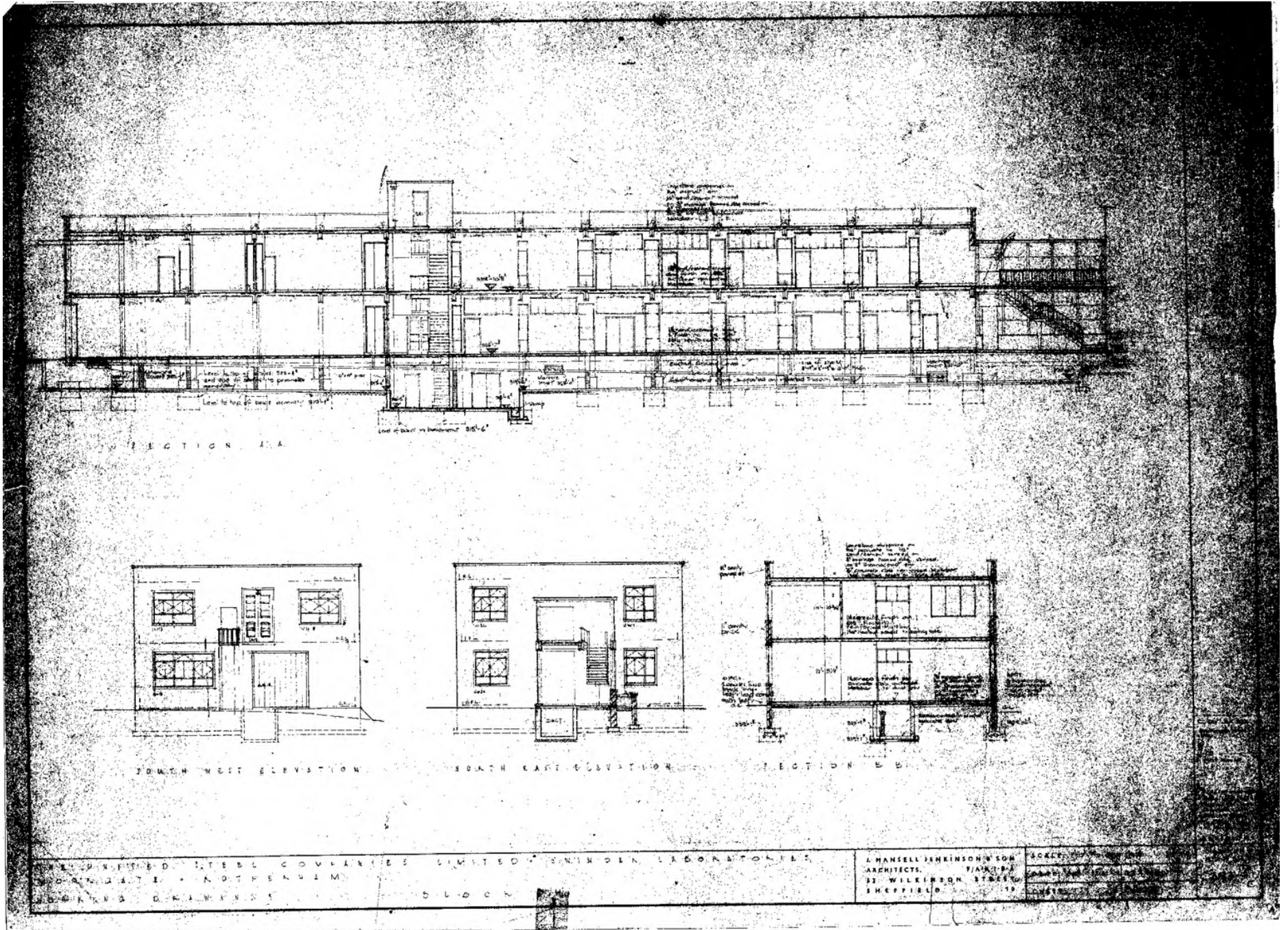
Block C: Elevations and Sections (1949 United Steel Companies Limited).



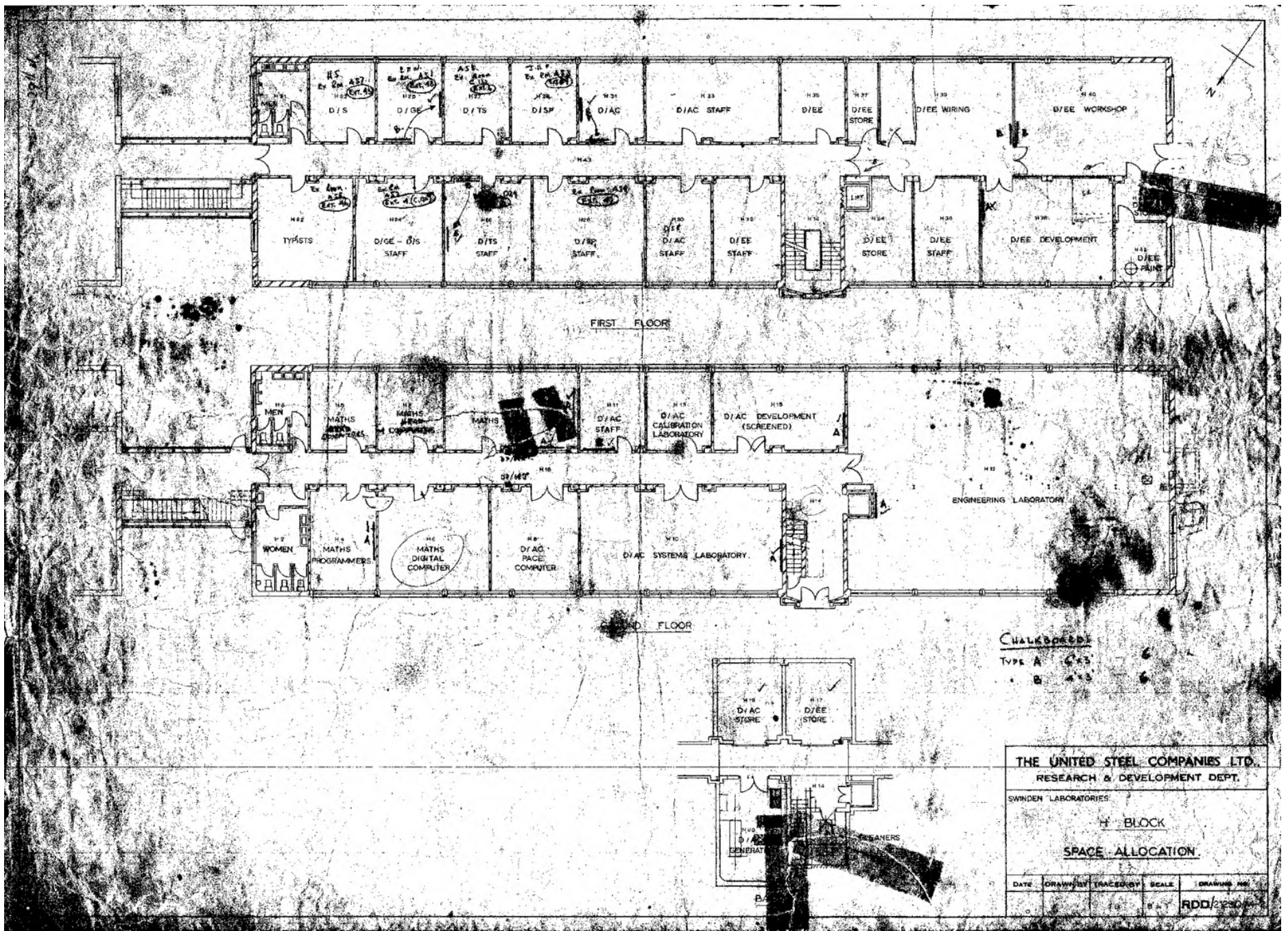
Block C: Floorplans (1949 United Steel Companies Limited).



Block E: Floorplans, Elevations and Sections (1950 United Steel Companies Limited).



Block H: Elevations and Sections (1961 United Steel Companies Limited).



Block H: Floorplans (1961 United Steel Companies Limited).

APPENDIX 2

Drone Photographs and Video Archive Listing

Swinden Technology Centre, Moorgate Road, Rotherham, South Yorkshire

MAP 5-18-2021

(Planning Ref. RB2020/1591 & NGR: SK 44225 91091)

Drone Video Files: Hopgrove Productions

Filename	Type	Date	Description	Length
DJI_0039	MP4	09/08/2021	Swinden House	00.:00:57
DJI_0040	MP4	09/08/2021	Swinden House	00.:00:59
DJI_0057	MP4	09/08/2021	O Block	00.:00:23
DJI_0073	MP4	09/08/2021	B Block	00.:01:00
DJI_0084	MP4	09/08/2021	C Block	00.:01:47
DJI_0102	MP4	09/08/2021	A Block	00.:01:31
DJI_0119	MP4	09/08/2021	A Block & H Block	00.:00:38
DJI_0135	MP4	09/08/2021	D Block	00.:01:16
DJI_0148	MP4	09/08/2021	J Block & R Block	00.:01:47
DJI_0164	MP4	09/08/2021	E Block& L Block	00.:00:50
DJI_0174	MP4	09/08/2021	K Block	00.:00:30
DJI_0199	MP4	09/08/2021	Sitwell House	00.:01:25
DJI_0207	MP4	09/08/2021	R Block & J Block	00.:01:20
DJI_0208	MP4	09/08/2021	F Block & G Block	00.:03:17
DJI_0209	MP4	09/08/2021	Blocks F & G	00.:00:32
DJI_0226	MP4	09/08/2021	Overall view to East	00.:00:34
DJI_0240	MP4	09/08/2021	Overall view to East	00.:00:29
DJI_0281	MP4	09/08/2021	Canteen	00.:01:31
DJI_0997	MP4	09/08/2021	Swinden House	00.:01:47
DJI_0998	MP4	09/08/2021	Swinden House	00.:00:24
DJI_0999	MP4	09/08/2021	From Canteen to Moorgate	00.:00:46

Drone Photograph Files: Hopgrove Productions

Filename	Type	Date	Description	Facing
DJI_0263	JPG	09/08/2021	Swinden Technology Centre	West
DJI_0264	JPG	09/08/2021	Swinden Technology Centre	West
DJI_0265	JPG	09/08/2021	Canteen	West
DJI_0266	JPG	09/08/2021	Canteen	West
DJI_0267	JPG	09/08/2021	Canteen	West
DJI_0268	JPG	09/08/2021	Canteen	South-west
DJI_0269	JPG	09/08/2021	Canteen	South
DJI_0270	JPG	09/08/2021	Canteen	South-east
DJI_0271	JPG	09/08/2021	Canteen	East
DJI_0272	JPG	09/08/2021	Canteen	North-east
DJI_0273	JPG	09/08/2021	Canteen	North
DJI_0274	JPG	09/08/2021	Canteen	North
DJI_0275	JPG	09/08/2021	Canteen	North-west
DJI_0276	JPG	09/08/2021	Canteen	West

Filename	Type	Date	Description	Facing
DJI_0277	JPG	09/08/2021	Canteen	West
DJI_0278	JPG	09/08/2021	Canteen	North-west
DJI_0279	JPG	09/08/2021	Canteen	South-west
DJI_0280	JPG	09/08/2021	Canteen	North-west
DJI_0973	JPG	09/08/2021	Stable Block	North-west
DJI_0974	JPG	09/08/2021	Stable Block	North-west
DJI_0975	JPG	09/08/2021	Stable Block	North-west
DJI_0976	JPG	09/08/2021	Stable Block	North
DJI_0977	JPG	09/08/2021	Stable Block	North
DJI_0978	JPG	09/08/2021	Stable Block	North
DJI_0979	JPG	09/08/2021	Stable Block	North
DJI_0980	JPG	09/08/2021	Stable Block	North
DJI_0981	JPG	09/08/2021	Stable Block	North-east
DJI_0982	JPG	09/08/2021	Stable Block	North-east
DJI_0983	JPG	09/08/2021	Stable Block	East
DJI_0984	JPG	09/08/2021	Stable Block & Canteen	East
DJI_0985	JPG	09/08/2021	Stable Block & Canteen	South
DJI_0986	JPG	09/08/2021	Stable Block & Canteen	South
DJI_0987	JPG	09/08/2021	Stable Block	West
DJI_0988	JPG	09/08/2021	Garages	North-west
DJI_0989	JPG	09/08/2021	Stable Block	North
DJI_0990	JPG	09/08/2021	Stable Block	North
DJI_0991	JPG	09/08/2021	Stable Block	North
DJI_0992	JPG	09/08/2021	Stable Block	North
DJI_0993	JPG	09/08/2021	Garages	North
DJI_0994	JPG	09/08/2021	Garages	North
DJI_0995	JPG	09/08/2021	Canteen	West
DJI_0996	JPG	09/08/2021	Swinden House	West
DJI_0001	JPG	09/08/2021	Swinden Technology Centre	West
DJI_0002	JPG	09/08/2021	Swinden Technology Centre	West
DJI_0003	JPG	09/08/2021	Swinden Technology Centre	West
DJI_0004	JPG	09/08/2021	Swinden Technology Centre	West
DJI_0005	JPG	09/08/2021	Swinden Technology Centre	West
DJI_0006	JPG	09/08/2021	Swinden Technology Centre	West
DJI_0007	JPG	09/08/2021	Swinden Technology Centre	West
DJI_0008	JPG	09/08/2021	Swinden House	West
DJI_0009	JPG	09/08/2021	Stable Block	North-west
DJI_0010	JPG	09/08/2021	Stable Block	North-west
DJI_0011	JPG	09/08/2021	Stable Block	North
DJI_0012	JPG	09/08/2021	Stable Block	North
DJI_0013	JPG	09/08/2021	Swinden House	North-west
DJI_0014	JPG	09/08/2021	Swinden House	West
DJI_0015	JPG	09/08/2021	Swinden House	North-west
DJI_0016	JPG	09/08/2021	Swinden House	West
DJI_0017	JPG	09/08/2021	Swinden House	North
DJI_0018	JPG	09/08/2021	Swinden House	North
DJI_0019	JPG	09/08/2021	Swinden House	West
DJI_0020	JPG	09/08/2021	Swinden House	West
DJI_0021	JPG	09/08/2021	Swinden House	West
DJI_0022	JPG	09/08/2021	Stable Block	North
DJI_0023	JPG	09/08/2021	Swinden House	East

Filename	Type	Date	Description	Facing
DJI_0024	JPG	09/08/2021	Swinden House	East
DJI_0025	JPG	09/08/2021	Swinden House	South
DJI_0026	JPG	09/08/2021	Swinden House	South-west
DJI_0027	JPG	09/08/2021	Swinden House	South
DJI_0028	JPG	09/08/2021	Swinden House	South
DJI_0029	JPG	09/08/2021	Swinden House	East
DJI_0030	JPG	09/08/2021	Swinden House	North-east
DJI_0031	JPG	09/08/2021	Swinden House	East
DJI_0032	JPG	09/08/2021	Swinden House	East
DJI_0033	JPG	09/08/2021	Swinden House	East
DJI_0034	JPG	09/08/2021	Swinden House	North-east
DJI_0035	JPG	09/08/2021	Swinden House	North
DJI_0036	JPG	09/08/2021	Swinden House	North-west
DJI_0037	JPG	09/08/2021	Swinden House	West
DJI_0038	JPG	09/08/2021	Swinden House	South-west
DJI_0042	JPG	09/08/2021	Swinden House	North
DJI_0043	JPG	09/08/2021	Swinden House	North
DJI_0044	JPG	09/08/2021	Swinden House	West
DJI_0045	JPG	09/08/2021	Swinden House	West
DJI_0046	JPG	09/08/2021	Swinden House	South
DJI_0047	JPG	09/08/2021	Swinden House	South-east
DJI_0048	JPG	09/08/2021	Swinden House	South-east
DJI_0049	JPG	09/08/2021	Q Block	West
DJI_0050	JPG	09/08/2021	Q Block	South-west
DJI_0051	JPG	09/08/2021	Q Block	South-west
DJI_0052	JPG	09/08/2021	Q Block	South
DJI_0053	JPG	09/08/2021	Q Block	South
DJI_0054	JPG	09/08/2021	Q Block	North-west
DJI_0055	JPG	09/08/2021	Q Block	North-west
DJI_0056	JPG	09/08/2021	Q Block	East
DJI_0059	JPG	09/08/2021	B Block	South
DJI_0060	JPG	09/08/2021	B Block	South
DJI_0061	JPG	09/08/2021	B Block	South
DJI_0062	JPG	09/08/2021	B Block	South
DJI_0063	JPG	09/08/2021	B Block	South-west
DJI_0064	JPG	09/08/2021	B Block	West
DJI_0065	JPG	09/08/2021	B Block	North-west
DJI_0066	JPG	09/08/2021	B Block	North
DJI_0067	JPG	09/08/2021	B Block	North
DJI_0068	JPG	09/08/2021	B Block	North-east
DJI_0069	JPG	09/08/2021	B Block	North-east
DJI_0070	JPG	09/08/2021	B Block	East
DJI_0071	JPG	09/08/2021	B Block	South-east
DJI_0072	JPG	09/08/2021	B Block	South
DJI_0074	JPG	09/08/2021	C Block	West
DJI_0075	JPG	09/08/2021	C Block	West
DJI_0076	JPG	09/08/2021	C Block	West
DJI_0077	JPG	09/08/2021	C Block	West
DJI_0078	JPG	09/08/2021	C Block	West
DJI_0079	JPG	09/08/2021	C Block	North-west
DJI_0080	JPG	09/08/2021	C Block & A Block	South-west

Filename	Type	Date	Description	Facing
DJI_0081	JPG	09/08/2021	C Block	West
DJI_0082	JPG	09/08/2021	A Block	South
DJI_0083	JPG	09/08/2021	C Block	North-west
DJI_0085	JPG	09/08/2021	A Block	South
DJI_0086	JPG	09/08/2021	A Block	South
DJI_0087	JPG	09/08/2021	A Block	South
DJI_0088	JPG	09/08/2021	A Block	South-west
DJI_0089	JPG	09/08/2021	A Block	West
DJI_0090	JPG	09/08/2021	A Block	North-west
DJI_0091	JPG	09/08/2021	A Block	North
DJI_0092	JPG	09/08/2021	A Block	North
DJI_0093	JPG	09/08/2021	A Block	North
DJI_0094	JPG	09/08/2021	A Block	North-east
DJI_0095	JPG	09/08/2021	A Block	North-east
DJI_0096	JPG	09/08/2021	A Block	North
DJI_0097	JPG	09/08/2021	A Block	North-east
DJI_0098	JPG	09/08/2021	A Block	North-east
DJI_0099	JPG	09/08/2021	A Block	North
DJI_0100	JPG	09/08/2021	A Block	West
DJI_0101	JPG	09/08/2021	C Block	North-west
DJI_0103	JPG	09/08/2021	H Block	East
DJI_0104	JPG	09/08/2021	H Block	East
DJI_0105	JPG	09/08/2021	H Block	South-east
DJI_0106	JPG	09/08/2021	H Block	South
DJI_0107	JPG	09/08/2021	H Block	South
DJI_0108	JPG	09/08/2021	H Block	South
DJI_0109	JPG	09/08/2021	H Block	South-west
DJI_0110	JPG	09/08/2021	H Block	West
DJI_0111	JPG	09/08/2021	H Block	North-west
DJI_0112	JPG	09/08/2021	H Block	North
DJI_0113	JPG	09/08/2021	H Block	North-east
DJI_0114	JPG	09/08/2021	H Block	East
DJI_0115	JPG	09/08/2021	H Block	East
DJI_0116	JPG	09/08/2021	H Block	East
DJI_0117	JPG	09/08/2021	D Block	North-east
DJI_0118	JPG	09/08/2021	H Block	West
DJI_0120	JPG	09/08/2021	D Block	East
DJI_0121	JPG	09/08/2021	D Block	East
DJI_0122	JPG	09/08/2021	D Block	South-east
DJI_0123	JPG	09/08/2021	D Block	South
DJI_0124	JPG	09/08/2021	D Block	South-west
DJI_0125	JPG	09/08/2021	B Block & D Block	West
DJI_0126	JPG	09/08/2021	D Block	South-west
DJI_0127	JPG	09/08/2021	D Block	West
DJI_0128	JPG	09/08/2021	D Block	West
DJI_0129	JPG	09/08/2021	B Block	North-west
DJI_0130	JPG	09/08/2021	D Block	North-west
DJI_0131	JPG	09/08/2021	D Block	North-west
DJI_0132	JPG	09/08/2021	D Block	North
DJI_0133	JPG	09/08/2021	D Block	North
DJI_0134	JPG	09/08/2021	D Block	North-east

Filename	Type	Date	Description	Facing
DJI_0136	JPG	09/08/2021	A Block	South
DJI_0137	JPG	09/08/2021	D, A, H, K, E & L Blocks	South-west
DJI_0138	JPG	09/08/2021	D, H, K, E, L, J, F, G & R Blocks	South-west
DJI_0139	JPG	09/08/2021	J Block	West
DJI_0140	JPG	09/08/2021	J Block	North-west
DJI_0141	JPG	09/08/2021	J Block	North-west
DJI_0142	JPG	09/08/2021	J Block	North
DJI_0143	JPG	09/08/2021	J Block	North-east
DJI_0144	JPG	09/08/2021	J Block	East
DJI_0145	JPG	09/08/2021	J Block	East
DJI_0146	JPG	09/08/2021	R Block & J Block	West
DJI_0147	JPG	09/08/2021	R Block & J Block	North-west
DJI_0149	JPG	09/08/2021	E Block & L Block	South-west
DJI_0150	JPG	09/08/2021	E Block & L Block	South-west
DJI_0151	JPG	09/08/2021	E Block & L Block	West
DJI_0152	JPG	09/08/2021	E Block & L Block	West
DJI_0153	JPG	09/08/2021	E Block & L Block	North-west
DJI_0154	JPG	09/08/2021	E Block & L Block	North-west
DJI_0155	JPG	09/08/2021	L Block	North
DJI_0156	JPG	09/08/2021	L Block	North
DJI_0157	JPG	09/08/2021	L Block	North
DJI_0158	JPG	09/08/2021	L Block	North-east
DJI_0159	JPG	09/08/2021	L Block	North-east
DJI_0160	JPG	09/08/2021	L Block	East
DJI_0161	JPG	09/08/2021	L Block	South-east
DJI_0162	JPG	09/08/2021	L Block	South-east
DJI_0163	JPG	09/08/2021	L Block	South
DJI_0165	JPG	09/08/2021	K Block	West
DJI_0166	JPG	09/08/2021	K Block	West
DJI_0167	JPG	09/08/2021	K Block	South-west
DJI_0168	JPG	09/08/2021	K Block	West
DJI_0169	JPG	09/08/2021	K Block	North-west
DJI_0170	JPG	09/08/2021	K Block	North-east
DJI_0171	JPG	09/08/2021	K Block	North-east
DJI_0172	JPG	09/08/2021	K Block	South-east
DJI_0173	JPG	09/08/2021	K Block	South-east
DJI_0175	JPG	09/08/2021	Sitwell House	North-west
DJI_0176	JPG	09/08/2021	Sitwell House	North-west
DJI_0177	JPG	09/08/2021	Sitwell House	West
DJI_0178	JPG	09/08/2021	Sitwell House	West
DJI_0179	JPG	09/08/2021	Sitwell House	South-west
DJI_0180	JPG	09/08/2021	Sitwell House	South-west
DJI_0181	JPG	09/08/2021	Sitwell House	South
DJI_0182	JPG	09/08/2021	Sitwell House	South
DJI_0183	JPG	09/08/2021	Sitwell House	South-east
DJI_0184	JPG	09/08/2021	Sitwell House	East
DJI_0185	JPG	09/08/2021	Sitwell House	East
DJI_0186	JPG	09/08/2021	Sitwell House	North-east
DJI_0187	JPG	09/08/2021	Sitwell House	North-east
DJI_0188	JPG	09/08/2021	Sitwell House	North-east
DJI_0189	JPG	09/08/2021	Sitwell House	North-east

Filename	Type	Date	Description	Facing
DJI_0190	JPG	09/08/2021	Sitwell House	East
DJI_0191	JPG	09/08/2021	Sitwell House	North-east
DJI_0192	JPG	09/08/2021	Sitwell House	North-east
DJI_0193	JPG	09/08/2021	Sitwell House	North-east
DJI_0194	JPG	09/08/2021	Sitwell House	North
DJI_0195	JPG	09/08/2021	Sitwell House	North
DJI_0196	JPG	09/08/2021	K Block, L Block & H Block	East
DJI_0197	JPG	09/08/2021	L Block	North-east
DJI_0198	JPG	09/08/2021	Sitwell House, L Block & F Block	North
DJI_0199	JPG	09/08/2021	L Block, Sitwell House, J Block, R Block, F Block & G Block	North-west
DJI_0200	JPG	09/08/2021	J Block, R Block, F Block & G Block	North-west
DJI_0201	JPG	09/08/2021	J Block, R Block, F Block & G Block	North-west
DJI_0202	JPG	09/08/2021	R Block & J Block	North
DJI_0203	JPG	09/08/2021	J Block	North-east
DJI_0204	JPG	09/08/2021	R Block & J Block	East
DJI_0205	JPG	09/08/2021	R Block & J Block	East
DJI_0206	JPG	09/08/2021	R Block & J Block	South-east
DJI_0210	JPG	09/08/2021	L Block, Sitwell House, J Block, R Block, F Block & G Block	North
DJI_0211	JPG	09/08/2021	R Block, F Block & G Block	West
DJI_0212	JPG	09/08/2021	F Block & G Block	West
DJI_0213	JPG	09/08/2021	F Block & G Block	North-west
DJI_0214	JPG	09/08/2021	R Block, F Block & G Block	North-west
DJI_0215	JPG	09/08/2021	R Block, F Block & G Block	North
DJI_0216	JPG	09/08/2021	R Block, F Block & G Block	North
DJI_0217	JPG	09/08/2021	R Block, F Block & G Block	North-east
DJI_0218	JPG	09/08/2021	R Block, F Block & G Block	East
DJI_0219	JPG	09/08/2021	F Block & G Block	East
DJI_0220	JPG	09/08/2021	F Block & G Block	East
DJI_0221	JPG	09/08/2021	Swinden Technology Centre	East
DJI_0222	JPG	09/08/2021	Swinden Technology Centre	South-east
DJI_0223	JPG	09/08/2021	Swinden Technology Centre	South-east
DJI_0224	JPG	09/08/2021	Swinden Technology Centre	South-east
DJI_0225	JPG	09/08/2021	Swinden Technology Centre	South-east
DJI_0227	JPG	09/08/2021	Swinden Technology Centre	East
DJI_0228	JPG	09/08/2021	Swinden Technology Centre	East
DJI_0229	JPG	09/08/2021	Swinden Technology Centre	North
DJI_0230	JPG	09/08/2021	Swinden Technology Centre	North
DJI_0231	JPG	09/08/2021	Swinden Technology Centre	North
DJI_0232	JPG	09/08/2021	Swinden Technology Centre	North
DJI_0233	JPG	09/08/2021	Swinden House, Stable Block & Canteen	East
DJI_0234	JPG	09/08/2021	Swinden House, Stable Block & Canteen	East
DJI_0235	JPG	09/08/2021	Swinden House, Stable Block & Canteen	South
DJI_0236	JPG	09/08/2021	Swinden House, Stable Block & Canteen	South
DJI_0237	JPG	09/08/2021	Swinden Technology Centre	South
DJI_0238	JPG	09/08/2021	Swinden Technology Centre	South
DJI_0239	JPG	09/08/2021	Swinden Technology Centre	South
DJI_0242	JPG	09/08/2021	D Block, B Block & C Block	East
DJI_0243	JPG	09/08/2021	D Block, E Block, L Block & H Block	South



DJI_0001



DJI_0002



DJI_0003



DJI_0004



DJI_0005



DJI_0006



DJI_0007



DJI_0008



DJI_0009



DJI_0010



DJI_0011



DJI_0012



DJI_0013



DJI_0014



DJI_0015



DJI_0016



DJI_0017



DJI_0018



DJI_0019



DJI_0020



DJI_0021



DJI_0022



DJI_0023



DJI_0024



DJI_0025



DJI_0026



DJI_0027



DJI_0028



DJI_0029



DJI_0030



DJI_0031



DJI_0032



DJI_0033



DJI_0034



DJI_0035



DJI_0036



DJI_0037



DJI_0038



DJI_0042



DJI_0043



DJI_0044



DJI_0045



DJI_0046



DJI_0047



DJI_0048



DJI_0049



DJI_0050



DJI_0051



DJI_0052



DJI_0053



DJI_0054



DJI_0055



DJI_0056



DJI_0059



DJI_0060



DJI_0061



DJI_0062



DJI_0063



DJI_0064



DJI_0065



DJI_0066



DJI_0067



DJI_0068



DJI_0069



DJI_0070



DJI_0071



DJI_0072



DJI_0074



DJI_0075



DJI_0076



DJI_0077



DJI_0078



DJI_0079



DJI_0080



DJI_0081



DJI_0082



DJI_0083



DJI_0085



DJI_0086



DJI_0087



DJI_0088



DJI_0089



DJI_0090



DJI_0091



DJI_0092



DJI_0093



DJI_0094



DJI_0095



DJI_0096



DJI_0097



DJI_0098



DJI_0099



DJI_0100



DJI_0101



DJI_0103



DJI_0104



DJI_0105



DJI_0106



DJI_0107



DJI_0108



DJI_0109



DJI_0110



DJI_0111



DJI_0112



DJI_0113



DJI_0114



DJI_0115



DJI_0116



DJI_0117



DJI_0118



DJI_0120



DJI_0121



DJI_0122



DJI_0123



DJI_0124



DJI_0125



DJI_0126



DJI_0127



DJI_0128



DJI_0129



DJI_0130



DJI_0131



DJI_0132



DJI_0133



DJI_0134



DJI_0136



DJI_0137



DJI_0138



DJI_0139



DJI_0140



DJI_0141



DJI_0142



DJI_0143



DJI_0144



DJI_0145



DJI_0146



DJI_0147



DJI_0149



DJI_0150



DJI_0151



DJI_0152



DJI_0153



DJI_0154



DJI_0155



DJI_0156



DJI_0157



DJI_0158



DJI_0159



DJI_0160



DJI_0161



DJI_0162



DJI_0163



DJI_0165



DJI_0166



DJI_0167



DJI_0168



DJI_0169



DJI_0170



DJI_0171



DJI_0172



DJI_0173



DJI_0175



DJI_0176



DJI_0177



DJI_0178



DJI_0179



DJI_0180



DJI_0181



DJI_0182



DJI_0183



DJI_0184



DJI_0185



DJI_0186



DJI_0187



DJI_0188



DJI_0189



DJI_0190



DJI_0191



DJI_0192



DJI_0193



DJI_0194



DJI_0195



DJI_0196



DJI_0197



DJI_0198



DJI_0200



DJI_0201



DJI_0202



DJI_0203



DJI_0204



DJI_0205



DJI_0206



DJI_0210



DJI_0211



DJI_0212



DJI_0213



DJI_0214



DJI_0215



DJI_0216



DJI_0217



DJI_0218



DJI_0219



DJI_0220



DJI_0221



DJI_0222



DJI_0223



DJI_0224



DJI_0225



DJI_0227



DJI_0228



DJI_0229



DJI_0230



DJI_0231



DJI_0232



DJI_0233



DJI_0234



DJI_0235



DJI_0236



DJI_0237



DJI_0238



DJI_0239



DJI_0242



DJI_0243



DJI_0263



DJI_0264



DJI_0265



DJI_0266



DJI_0267



DJI_0268



DJI_0269



DJI_0270



DJI_0271



DJI_0272



DJI_0273



DJI_0274



DJI_0275



DJI_0276



DJI_0277



DJI_0278



DJI_0279



DJI_0280



DJI_0973



DJI_0974



DJI_0975



DJI_0976



DJI_0977



DJI_0978



DJI_0979



DJI_0980



DJI_0981



DJI_0982



DJI_0983



DJI_0984



DJI_0985



DJI_0986



DJI_0987



DJI_0988



DJI_0989



DJI_0990



DJI_0991



DJI_0992



DJI_0993



DJI_0994



DJI_0995



DJI_0996

APPENDIX 3

Photographic Archive Listing

MAP 5-18-2021 - Swinden House Technology Centre, Moorgate Road, Rotherham, South Yorkshire (Planning Ref. RB2020/1591 & NGR: SK 44225 91091)

Monochrome Print (Ilford HP5 400 ASA) 35mm Format (Scanned File & Digital Image)

Kelly Hunter MAP Archaeological Practice Ltd

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 1/01	09/08/2021	C Block: Exterior - North-east Elevation (Front Entrance)	South-west	Swinden1_01 & DSC_0504
Film 1/02	09/08/2021	C Block & D Block: Interior (Central Corridor into D Block)	South-west	Swinden1_02 & DSC_0505
Film 1/03	09/08/2021	D Block: Interor (South)	South-west	Swinden1_03 & DSC_0506
Film 1/04	09/08/2021	D Block: Interor (South)	North-east	Swinden1_04 & DSC_0507
Film 1/05	09/08/2021	D Block: Interor (South)	South	Swinden1_05 & DSC_0508
Film 1/06	09/08/2021	D Block: Interor (South)	North-west	Swinden1_06 & DSC_0509
Film 1/07	09/08/2021	D Block: Interor (North)	South-east	Swinden1_07 & DSC_0510
Film 1/08	09/08/2021	D Block: Interor (North)	North-east	Swinden1_08 & DSC_0511
Film 1/09	09/08/2021	D Block: Interor (North)	North	Swinden1_09 & DSC_0512
Film 1/10	09/08/2021	D Block: Interor (North)	North-east	Swinden1_10 & DSC_0513
Film 1/11	09/08/2021	D Block: Interor (North)	North-east	Swinden1_11 & DSC_0514
Film 1/12	09/08/2021	D Block: Interor (North)	North-east	Swinden1_12 & DSC_0515
Film 1/13	09/08/2021	D Block: Interor (North)	North-east	Swinden1_13 & DSC_0516
Film 1/14	09/08/2021	D Block: Interor (North)	North-east	Swinden1_14 & DSC_0517
Film 1/15	09/08/2021	D Block: Interor (North)	North-east	Swinden1_15 & DSC_0518
Film 1/16	09/08/2021	D Block: Interor (North)	South-west	Swinden1_16 & DSC_0519
Film 1/17	09/08/2021	D Block: Interor (North)	South-west	Swinden1_17 & DSC_0520
Film 1/18	09/08/2021	D Block: Interor (North)	North-east	Swinden1_18 & DSC_0521
Film 1/19	09/08/2021	D Block: Interor (North)	South-west	Swinden1_19 & DSC_0522
Film 1/20	09/08/2021	C Block: Interior - Ground Floor (Room C118)	South	Swinden1_20 & DSC_0523
Film 1/21	09/08/2021	C Block: Interior - Ground Floor (Room C118)	North-west	Swinden1_21 & DSC_0524
Film 1/22	09/08/2021	C Block: Interior - Ground Floor (Room C117 & 117A)	North-west	Swinden1_22 & DSC_0526
Film 1/23	09/08/2021	Between C Block & B Block: Interior - Stairs on First Floor	North-west	Swinden1_23 & DSC_0527
Film 1/24	09/08/2021	Between C Block & B Block: Interior - Stairs on Ground Floor	North-west	Swinden1_24 & DSC_0528
Film 1/25	09/08/2021	C Block: Interior First Floor - Corridor	South-east	Swinden1_25 & DSC_0529
Film 1/26	09/08/2021	C Block: Interior - First Floor Corridor Stairs to 2nd Floor	South	Swinden1_26 & DSC_0530
Film 1/27	09/08/2021	C Block: Interior - First Floor (Room C135-C137)	South-east	Swinden1_27 & DSC_0531
Film 1/28	09/08/2021	C Block: Interior - First Floor (Room C135-C137)	North-west	Swinden1_28 & DSC_0532
Film 1/29	09/08/2021	C Block: Interior - First Floor (Room C132-C134)	North-east	Swinden1_29 & DSC_0533
Film 1/30	09/08/2021	C Block: Interior First Floor - Corridor Clock	South-west	Swinden1_30 & DSC_0534

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 1/31	09/08/2021	C Block: Interior - First Floor Corridor Stairs to 2nd Floor	North-west	Swinden1_31 & DSC_0535
Film 1/32	09/08/2021	C Block: Interior - Second Floor (Room C155)	North-west	Swinden1_32 & DSC_0536
Film 1/33	09/08/2021	C Block: Interior - Second Floor (Room C155)	South-west	Swinden1_33 & DSC_0537
Film 1/34	09/08/2021	C Block: Interior - Second Floor (Room C150)	North	Swinden1_34 & DSC_0538
Film 1/35	09/08/2021	C Block: Interior - Second Floor (Room C156)	South-east	Swinden1_35 & DSC_0539
Film 1/36	09/08/2021	C Block: Interior - Second Floor (Room C156)	North-west	Swinden1_36 & DSC_0540
Film 1/37	09/08/2021	C Block: Interior - Second Floor Stairs (Room C193)	South-west	Swinden1_37 & DSC_0541
Film 2/01	09/08/2021	A Block: Interior - Ground Floor (Room A8)	North-west	Swinden2_01 & DSC_0542
Film 2/02	09/08/2021	A Block: Interior - Ground Floor (Room A8)	North	Swinden2_02 & DSC_0543
Film 2/03	09/08/2021	A Block: Interior - Ground Floor (Room A6)	South-west	Swinden2_03 & DSC_0545
Film 2/04	09/08/2021	A Block: Interior - Ground Floor (Room A6)	North-east	Swinden2_04 & DSC_0547-DSC 0547
Film 2/05	09/08/2021	A Block: Interior - Ground Floor (Room A2)	North-west	Swinden2_05 & DSC_0548
Film 2/06	09/08/2021	A Block: Interior - Ground Floor (Room A2)	South	Swinden2_06 & DSC_0549
Film 2/07	09/08/2021	A Block: Interior - Ground Floor (Room A2)	North-east	Swinden2_07 & DSC_0550
Film 2/08	09/08/2021	A Block: Interior - Ground Floor (Room A1/A1B)	North	Swinden2_08 & DSC_0551
Film 2/09	09/08/2021	A Block: Interior - Ground Floor (Room A1/A1B)	South	Swinden2_09 & DSC_0552
Film 2/10	09/08/2021	A Block: Interior - Ground Floor (Room A1A)	South	Swinden2_10 & DSC_0553
Film 2/11	09/08/2021	A Block: Interior - Ground Floor (Room A1A)	North	Swinden2_11 & DSC_0554
Film 2/12	09/08/2021	A Block: Interior - Ground Floor Stairs	North-west	Swinden2_12 & DSC_0555
Film 2/13	09/08/2021	A Block: Interior - First Floor Stairs	North-west	Swinden2_13 & DSC_0556
Film 2/14	09/08/2021	A Block: Interior - First Floor Corridor	South-west	Swinden2_14 & DSC_0557
Film 2/15	09/08/2021	A Block: Interior - First Floor (Room A27/A27A)	North-east	Swinden2_15 & DSC_0558
Film 2/16	09/08/2021	A Block: Interior - First Floor (Room A27/A27A)	South-west	Swinden2_16 & DSC_0559
Film 2/17	09/08/2021	A Block: Interior - First Floor (Corridor to C Block)	North-west	Swinden2_17 & DSC_0560
Film 2/18	09/08/2021	A Block: Interior - First Floor (Room A50)	North-west	Swinden2_18 & DSC_0561
Film 2/19	09/08/2021	A Block: Interior - Second Floor (Roof Access)	East	Swinden2_19 & DSC_0563
Film 2/20	09/08/2021	A Block: Interior - Second Floor (Roof Access)	North-west	Swinden2_20 & DSC_0564
Film 2/21	09/08/2021	A Block: Interior - First Floor (Corridor & Room A26)	North-east	Swinden2_21 & DSC_0565
Film 2/22	09/08/2021	A Block: Interior - First Floor Corridor (Skylight)	South-west	Swinden2_22 & DSC_0566
Film 2/23	09/08/2021	A Block: Interior - First Floor (Room A54)	South-west	Swinden2_23 & DSC_0567
Film 2/24	09/08/2021	A Block: Interior - First Floor (Room A54)	East	Swinden2_24 & DSC_0568

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 2/25	09/08/2021	Between A Block & H Block: Interior - Ground Floor Stairs	South-west	Swinden2_25 & DSC_0569
Film 2/26	09/08/2021	Between A Block & H Block: Interior - Ground Floor Stairs	North-east	Swinden2_26 & DSC_0570
Film 2/27	09/08/2021	H Block: Interior - Ground Floor Corridor	South-west	Swinden2_27 & DSC_0571
Film 2/28	09/08/2021	H Block: Interior - Ground Floor (Room H4)	North-east	Swinden2_28 & DSC_0572
Film 2/29	09/08/2021	H Block: Interior - Ground Floor (Room H4)	South-west	Swinden2_29 & DSC_0573
Film 2/30	09/08/2021	H Block: Interior - Ground Floor (Room H6)	West	Swinden2_30 & DSC_0574
Film 2/31	09/08/2021	H Block: Interior - Ground Floor (Room H6)	South-west	Swinden2_31 & DSC_0535
Film 2/32	09/08/2021	H Block: Interior - Ground Floor (Room H8)	North-west	Swinden2_32 & DSC_0576
Film 2/33	09/08/2021	H Block: Interior - Ground Floor (Room H10A)	North-west	Swinden2_33 & DSC_0577
Film 2/34	09/08/2021	H Block: Interior - Ground Floor (Room H10)	North-west	Swinden2_34 & DSC_0578
Film 2/35	09/08/2021	H Block: Interior - Ground Floor (Room H10)	South	Swinden2_35 & DSC_0579
Film 2/36	09/08/2021	H Block: Interior - Ground Floor (Room H15)	South	Swinden2_36 & DSC_0580
Film 2/37	09/08/2021	H Block: Interior - Ground Floor (Room H15A)	South-west	Swinden2_37 & DSC_0581
Film 3/01	09/08/2021	H Block: Interior - Ground Floor (Room H12F)	South-west	Swinden3_01 & DSC_0582
Film 3/02	09/08/2021	H Block: Interior - Ground Floor (Entrance Stairs)	North-west	Swinden3_02 & DSC_0583
Film 3/03	09/08/2021	H Block: Interior - Ground Floor (Corridor)	South-west	Swinden3_03 & DSC_0584
Film 3/04	09/08/2021	H Block: Interior - Ground Floor (Room H1F)	West	Swinden3_04 & DSC_0585
Film 3/05	09/08/2021	H Block: Interior - Ground Floor (Room H12G)	East	Swinden3_05 & DSC_0586
Film 3/06	09/08/2021	H Block: Interior - Ground Floor (Room H12)	South-west	Swinden3_06 & DSC_0587
Film 3/07	09/08/2021	H Block: Interior - Ground Floor (Room H12)	North-East	Swinden3_07 & DSC_0588
Film 3/08	09/08/2021	H Block: Interior - Ground Floor (Room H12)	North-west	Swinden3_08 & DSC_0589
Film 3/09	09/08/2021	H Block: Interior - Ground Floor (Room H12D)	North	Swinden3_09 & DSC_0590
Film 3/10	09/08/2021	H Block: Interior - Ground Floor (Room H12E)	South	Swinden3_10 & DSC_0591
Film 3/11	09/08/2021	H Block: Interior - Ground Floor (Room H12C)	North-east	Swinden3_11 & DSC_0592
Film 3/12	09/08/2021	H Block: Interior - Ground Floor (Room H12BA)	North	Swinden3_12 & DSC_0593
Film 3/13	09/08/2021	H Block: Interior - Ground Floor (Room H12B)	North-east	Swinden3_13 & DSC_0594
Film 3/14	09/08/2021	H Block: Interior - Ground Floor (Room H12B)	North-east	Swinden3_14 & DSC_0595
Film 3/15	09/08/2021	H Block: Interior - Ground Floor (Room H12A)	West	Swinden3_15 & DSC_0596
Film 3/16	09/08/2021	H Block: Interior - Ground Floor (Room H12A)	East	Swinden3_16 & DSC_0597

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 3/17	09/08/2021	H Block: Interior - Ground Floor (Goods Lift)	South-east	Swinden3_17 & DSC_0598
Film 3/18	09/08/2021	H Block: Interior - First Floor (Room H 40A)	South	Swinden3_18 & DSC 0599/DSC 0600
Film 3/19	09/08/2021	H Block: Interior - First Floor (Room H40)	South-east	Swinden3_19 & DSC_0601
Film 3/20	09/08/2021	H Block: Interior - First Floor (Room H40)	South	Swinden3_20 & DSC_0602
Film 3/21	09/08/2021	H Block: Interior - First Floor (Room H38/H42)	North-east	Swinden3_21 & DSC_0603
Film 3/22	09/08/2021	H Block: Interior - First Floor (Room H38/H42)	South-west	Swinden3_22 & DSC_0604
Film 3/23	09/08/2021	H Block: Interior - First Floor (Room H39)	North-east	Swinden3_23 & DSC_0605
Film 3/24	09/08/2021	H Block: Interior - First Floor (Corridor)	North-east	Swinden3_24 & DSC_0606
Film 3/25	09/08/2021	H Block: Interior - First Floor (Room H28)	North	Swinden3_25 & DSC_0607
Film 3/26	09/08/2021	H Block: Interior - First Floor (Room H22/H24)	South	Swinden3_26 & DSC_0608
Film 3/27	09/08/2021	H Block: Interior - First Floor (Rooms H25/H23)	North-east	Swinden3_27 & DSC_0609
Film 3/28	09/08/2021	H Block: Interior - Second Floor (Roof Access)	North-west	Swinden3_28 & DSC_0610
Film 3/29	09/08/2021	A Block: Interior - First Floor (Room A40)	North	Swinden3_29 & DSC_0611
Film 3/30	09/08/2021	B Block: Interior - First Floor (Corridor & Roof Light)	North-west	Swinden3_30 & DSC_0612
Film 3/31	09/08/2021	B Block: Interior - First Floor (Room B85)	North-west	Swinden3_31 & DSC_0613
Film 3/32	09/08/2021	B Block: Interior - First Floor (Room B88)	West	Swinden3_32 & DSC_0614
Film 3/33	09/08/2021	B Block: Interior - First Floor (Room B88)	West	Swinden3_33 & DSC_0615
Film 3/34	09/08/2021	B Block: Interior - First Floor (Room B90)	North-west	Swinden3_34 & DSC_0616
Film 3/35	09/08/2021	B Block: Interior - First Floor (Room B89)	North	Swinden3_35 & DSC_0617
Film 3/36	09/08/2021	B Block: Interior - First Floor (Room B91)	South-east	Swinden3_36 & DSC_0618
Film 3/37	09/08/2021	B Block: Interior - First Floor (Room B91)	South-west	Swinden3_37 & DSC_0619
Film 4/01	09/08/2021	B Block: Interior - First Floor (Room B91)	North	Swinden4_01 & DSC_0620
Film 4/02	09/08/2021	B Block: Interior - First Floor (Room B105)	South-east	Swinden4_02 & DSC_0621
Film 4/03	09/08/2021	B Block: Interior - First Floor Corridor	South-west	Swinden4_03 & DSC_0622- DSC 0624
Film 4/04	09/08/2021	B Block: Interior - First Floor (Access to Stairs)	South	Swinden4_04 & DSC_0625
Film 4/05	09/08/2021	B Block: Interior - First Floor Stairs to Ground Floor	South-east	Swinden4_05 & DSC_0626
Film 4/06	09/08/2021	B Block: Interior - First Floor (Room B99/B99A)	North-west	Swinden4_06 & DSC_0627
Film 4/07	09/08/2021	B Block: Interior - First Floor (Room B99/B99A)	South-east	Swinden4_07 & DSC_0628
Film 4/08	09/08/2021	B Block: Interior - First Floor (Room B97)	South-west	Swinden4_08 & DSC_0629
Film 4/09	09/08/2021	B Block: Interior - First Floor (Room B98)	North	Swinden4_09 & DSC_0630
Film 4/10	09/08/2021	Between B Block & C Block: Interior - Ground Floor (Entrance to B Block)	North-west	Swinden4_10 & DSC_0631
Film 4/11	09/08/2021	B Block: Interior - Ground Floor (Room B60)	West	Swinden4_11 & DSC_0632
Film 4/12	09/08/2021	B Block: Interior - Ground Floor Corridor & North Entrance	North-east	Swinden4_12 & DSC_0633
Film 4/13	09/08/2021	B Block: Interior - Ground Floor (Room B61)	North	Swinden4_13 & DSC_0634
Film 4/14	09/08/2021	B Block: Interior - Ground Floor (Room B61)	South-west	Swinden4_14 & DSC_0635

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 4/15	09/08/2021	B Block: Interior - Ground Floor (Room B65)	South-east	Swinden4_15 & DSC_0636
Film 4/16	09/08/2021	B Block: Interior - Ground Floor (Room B65)	South-west	Swinden4_16 & DSC_0637
Film 4/17	09/08/2021	B Block: Interior - Ground Floor (Room B65)	North	Swinden4_17 & DSC_0598
Film 4/18	09/08/2021	B Block: Interior - Ground Floor (Room B65)	South-west	Swinden4_18 & DSC_0639
Film 4/19	09/08/2021	B Block: Interior - Ground Floor (Room B68)	South-east	Swinden4_19 & DSC_0640
Film 4/20	09/08/2021	B Block: Interior - Ground Floor (Room B68)	South	Swinden4_20 & DSC_0641
Film 4/21	09/08/2021	B Block: Interior - Ground Floor (Room B75)	South-east	Swinden4_21 & DSC_0642
Film 4/22	09/08/2021	B Block: Interior - Ground Floor (Room B75)	East	Swinden4_22 & DSC_0643
Film 4/23	09/08/2021	B Block: Interior - Ground Floor (Room B68A)	South-west	Swinden4_23 & DSC_0644
Film 4/24	09/08/2021	B Block: Interior - Ground Floor (Room B68A)	North-east	Swinden4_24 & DSC_0645
Film 4/25	09/08/2021	B Block: Interior - Ground Floor (Room B69)	South	Swinden4_25 & DSC_0646
Film 4/26	09/08/2021	B Block: Interior - Ground Floor (Room B78 & North-east B79)		Swinden4_26 & DSC_0647
Film 4/27	09/08/2021	B Block: Interior - Ground Floor (Room B78 & South-west B79)		Swinden4_27 & DSC_0648
Film 4/28	09/08/2021	B Block: Interior - Ground Floor (Room B70)	North-east	Swinden4_28 & DSC_0649
Film 4/29	09/08/2021	B Block: Interior - Ground Floor (Room B70)	South-west	Swinden4_29 & DSC_0650
Film 4/30	09/08/2021	B Block: Interior - Ground Floor (Room B76)	South-east	Swinden4_30 & DSC_0651
Film 4/31	09/08/2021	B Block: Interior - Ground Floor Corridor	South-west	Swinden4_31 & DSC_0652
Film 4/32	09/08/2021	B Block: Interior - Ground Floor (Room B77)	South-west	Swinden4_32 & DSC_0653
Film 4/33	09/08/2021	B Block: Interior - Ground Floor (Room B77)	South-west	Swinden4_33 & DSC_0654
Film 4/34	09/08/2021	B Block: Interior - Ground Floor (Room B80)	South-east	Swinden4_34 & DSC_0655
Film 4/35	09/08/2021	B Block: Interior - Ground Floor Corridor	North-west	Swinden4_35 & DSC_0656
Film 4/36	09/08/2021	C Block: Interior -Ground Floor Reception (Room C188)	North-west	Swinden4_36 & DSC_0657
Film 4/37	09/08/2021	C Block: Interior -Ground Floor Reception (Room C188)	West	Swinden4_37 & DSC_0658
Film 6/01	09/08/2021	A Block: Interior -Ground Floor (Room A14)	North-east	Swinden6_01 & DSC_0659
Film 6/02	09/08/2021	A Block: Interior -Ground Floor (Room A14)	South-west	Swinden6_02 & DSC_0660
Film 6/03	09/08/2021	A Block: Interior -Ground Floor (Room A14)	South-east	Swinden6_03 & DSC_0661/DSC_0662
Film 6/04	09/08/2021	D Block: Interior -Ground Floor (Room A14)	North-east	Swinden6_04 & DSC_0663
Film 6/05	09/08/2021	Canteen: Interior (Dining Hall)	South	Swinden6_05 & DSC_0664
Film 6/06	09/08/2021	Canteen: Interior (Dining Hall)	North-east	Swinden6_06 & DSC_0665
Film 6/07	09/08/2021	Canteen: Interior (Dining Hall)	North	Swinden6_07 & DSC_0666
Film 6/08	09/08/2021	Canteen: Interior (Kitchen)	North	Swinden6_08 & DSC_0667

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 6/09	09/08/2021	Canteen: Interior (North-east Entrance Hall)	West	Swinden6_09 & DSC_0668
Film 6/10	09/08/2021	Canteen: Interior (Clockroom)	West	Swinden6_10 & DSC_0669
Film 6/11	10/08/2021	F Block: Interior - Ground Floor (Room F8-F11)	South-east	Swinden6_11 & DSC_0670
Film 6/12	10/08/2021	F Block: Interior - Ground Floor (Room F8-F11)	South-east	Swinden6_12
Film 6/13	10/08/2021	F Block: Interior - Ground Floor (Room F8-F11)	North-west	Swinden6_13 & DSC_0671
Film 6/14	10/08/2021	F Block: Interior - Ground Floor (Room F8)	West	Swinden6_14 & DSC_0672
Film 6/15	10/08/2021	F Block: Interior - Ground Floor (Room F8)	South-east	Swinden6_15 & DSC_0673
Film 6/16	10/08/2021	F Block: Interior - Ground Floor (Room F8)	North-west	Swinden6_16 & DSC_0674
Film 6/17	10/08/2021	F Block: Interior - Ground Floor (Room F8)	South-east	Swinden6_17 & DSC_0675
Film 6/18	10/08/2021	F Block: Interior - Ground Floor (Room F8)	North-west	Swinden6_18 & DSC_0676
Film 6/19	10/08/2021	F Block: Interior - Ground Floor (Room F7/F7B)	South-west	Swinden6_19 & DSC_0677/DSC_0678
Film 6/20	10/08/2021	F Block: Interior - Ground Floor (Room F8)	North-west	Swinden6_20 & DSC_0679
Film 6/21	10/08/2021	F Block: Interior - First Floor Stairs (Room F4)	East	Swinden6_21 & DSC_0680
Film 6/22	10/08/2021	F Block: Interior - First Floor (Room F3/F3B)	South-west	Swinden6_22 & DSC_0681
Film 6/23	10/08/2021	F Block: Interior - Second Floor (Room F5)	South-west	Swinden6_23 & DSC_0682
Film 6/24	10/08/2021	F Block: Interior - Second Floor Stairs	North-east	Swinden6_24 & DSC_0683
Film 6/25	10/08/2021	G Block: Interior - Ground Floor (Room G2)	North-west	Swinden6_25 & DSC_0685
Film 6/26	10/08/2021	G Block: Interior - Ground Floor (Room G2)	South-east	Swinden6_26 & DSC_0686
Film 6/27	10/08/2021	G Block: Interior - Ground Floor (Room G2)	North-west	Swinden6_27 & DSC_0687
Film 6/28	10/08/2021	G Block: Interior - Ground Floor (Room G2)	North	Swinden6_28 & DSC_0688
Film 6/29	10/08/2021	G Block: Interior - Ground Floor (Room G1)	South-west	Swinden6_29 & DSC_0689
Film 6/30	10/08/2021	G Block: Interior - Ground Floor (Room G1)	South-east	Swinden6_30 & DSC_0690
Film 6/31	10/08/2021	G Block: Interior - Ground Floor (Room G1)	North	Swinden6_31 & DSC_0691
Film 6/32	10/08/2021	G Block: Interior - Ground Floor (Room G1)	North-west	Swinden6_32 & DSC_0692
Film 6/33	10/08/2021	G Block: Interior - Ground Floor (Room G1)	North-west	Swinden6_33 & DSC_0693
Film 6/34	10/08/2021	G Block: Interior - Ground Floor (Room G1)	South-east	Swinden6_34 & DSC_0694
Film 6/35	10/08/2021	G Block: Interior - Ground Floor (Room G15)	North-west	Swinden6_35 & DSC_0696
Film 6/36	10/08/2021	G Block: Interior - Ground Floor (Room G15)	South-east	Swinden6_36 & DSC_0697
Film 6/37	10/08/2021	G Block: Interior - Ground Floor (Room G15)	South-east	Swinden6_37 & DSC_0698
Film 7/01	10/08/2021	G Block: Interior - Ground Floor Entrance	South-east	Swinden7_01 & DSC_0699
Film 7/02	10/08/2021	G Block: Interior - Ground Floor (Room G8)	North-west	Swinden7_02 & DSC_0700
Film 7/03	10/08/2021	G Block: Interior - Ground Floor (Room G9)	North	Swinden7_03 & DSC_0701
Film 7/04	10/08/2021	G Block: Interior - Ground Floor (Room G1)	West	Swinden7_04 & DSC_0702
Film 7/05	10/08/2021	G Block: Interior - Ground Floor (Room G1 underneath G2)	South-west	Swinden7_05 & DSC_0703
Film 7/06	10/08/2021	R Block: Interior	North-west	Swinden7_06 & DSC_0704
Film 7/07	10/08/2021	R Block: Interior	South-east	Swinden7_07 & DSC_0705
Film 7/08	10/08/2021	R Block: Interior	South	Swinden7_08 & DSC_0706
Film 7/09	10/08/2021	J Block: Interior - First Floor (Room J34)	North-west	Swinden7_09 & DSC_0707
Film 7/10	10/08/2021	J Block: Interior - First Floor (Room J34)	South-west	Swinden7_10 & DSC_0708
Film 7/11	10/08/2021	J Block: Interior - First Floor (Room J33/J33A)	South-east	Swinden7_11 & DSC_0709
Film 7/12	10/08/2021	J Block: Interior - First Floor Corridor	South-east	Swinden7_12 & DSC_0710
Film 7/13	10/08/2021	J Block: Interior - First Floor (Room J20)	South-east	Swinden7_13 & DSC_0711

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 7/14	10/08/2021	J Block: Interior - First Floor Corridor (Roof Ladder)	South-west	Swinden7_14 & DSC_0712
Film 7/15	10/08/2021	J Block: Interior - First Floor (Room J21)	South-west	Swinden7_15 & DSC_0713
Film 7/16	10/08/2021	J Block: Interior - Ground Floor (Room J14)	West	Swinden7_16 & DSC_0714
Film 7/17	10/08/2021	J Block: Interior - Ground Floor (Room J14)	North-west	Swinden7_17 & DSC_0715
Film 7/18	10/08/2021	J Block: Interior - Ground Floor (Room J14)	South-east	Swinden7_18 & DSC_0716
Film 7/19	10/08/2021	J Block: Interior - Ground Floor (Room J13)	South-west	Swinden7_19 & DSC_0717
Film 7/20	10/08/2021	J Block: Interior - Ground Floor (Room J11)	North-west	Swinden7_20 & DSC_0718
Film 7/21	10/08/2021	J Block: Interior - Ground Floor Corridor	South-east	Swinden7_21 & DSC_0719
Film 7/22	10/08/2021	H Block: Interior - Basement	North-east	Swinden7_22 & DSC_0720
Film 7/23	10/08/2021	H Block: Interior - Basement	North-east	Swinden7_23 & DSC_0721
Film 7/24	10/08/2021	H Block: Interior - Basement	South-west	Swinden7_24 & DSC_0722
Film 7/25	10/08/2021	H Block: Interior - Basement	West	Swinden7_25 & DSC_0723
Film 7/26	10/08/2021	K Block: Interior - Basement	South-west	Swinden7_26 & DSC_0726
Film 7/27	10/08/2021	K Block: Interior - Basement	North-east	Swinden7_27 & DSC_0727
Film 7/28	10/08/2021	K Block: Interior - Basement Stairs	North-west	Swinden7_28 & DSC_0728
Film 7/29	10/08/2021	K Block: Interior - Ground Floor Goods Elevator	West	Swinden7_29 & DSC_0729
Film 7/30	10/08/2021	K Block: Interior - Ground Floor Stairs	North	Swinden7_30 & DSC_0730
Film 7/31	10/08/2021	K Block: Interior - Ground Floor (Room K18)	North-east	Swinden7_31 & DSC_0731
Film 7/32	10/08/2021	K Block: Interior - Ground Floor (Room K18)	South-west	Swinden7_32 & DSC_0732
Film 7/33	10/08/2021	K Block: Interior - Ground Floor Corridor	North-east	Swinden7_33 & DSC_0733
Film 7/34	10/08/2021	K Block: Interior - Ground Floor (Room K14)	South-west	Swinden7_34 & DSC_0734
Film 7/35	10/08/2021	K Block: Interior - Ground Floor (Room K14)	South-east	Swinden7_35 & DSC_0735
Film 7/36	10/08/2021	K Block: Interior - Ground Floor (Room K12)	South-east	Swinden7_36 & DSC_0736
Film 7/37	10/08/2021	K Block: Interior - Ground Floor (Room K8/K10)	South-west	Swinden7_37 & DSC_0737
Film 8/01	10/08/2021	K Block: Interior - Ground Floor (Room K10)	North-west	Swinden8_01 & DSC_0738
Film 8/02	10/08/2021	K Block: Interior - Ground Floor (Room K8/K9)	South-east	Swinden8_02 & DSC_0739
Film 8/03	10/08/2021	K Block: Interior - Ground Floor (Room K8)	North-east	Swinden8_03 & DSC_0740
Film 8/04	10/08/2021	K Block: Interior - Ground Floor (Room K1)	North	Swinden8_04 & DSC_0741
Film 8/05	10/08/2021	K Block: Interior - Ground Floor (Room K3)	South-west	Swinden8_05 & DSC_0742
Film 8/06	10/08/2021	K Block: Interior - Ground Floor (Room K9)	South-west	Swinden8_06 & DSC_0743
Film 8/07	10/08/2021	K Block: Interior - Ground Floor (Room K9)	North-east	Swinden8_07 & DSC_0744
Film 8/08	10/08/2021	K Block: Interior - First Floor (Room K42)	North-east	Swinden8_08 & DSC_0745
Film 8/09	10/08/2021	K Block: Interior - First Floor (Room K42/K44)	South-west	Swinden8_09 & DSC_0746
Film 8/10	10/08/2021	K Block: Interior - First Floor (Room K29/K37)	South-west	Swinden8_10 & DSC_0747
Film 8/11	10/08/2021	K Block: Interior - First Floor (Room K29)	North-east	Swinden8_11 & DSC_0748
Film 8/12	10/08/2021	K Block: Interior - First Floor (Room K37)	North-west	Swinden8_12 & DSC_0749
Film 8/13	10/08/2021	K Block: Interior - First Floor (Room K33)	North-west	Swinden8_13 & DSC_0750
Film 8/14	10/08/2021	K Block: Interior - First Floor (Room K30)	South-west	Swinden8_14 & DSC_0751
Film 8/15	10/08/2021	K Block: Interior - First Floor (Room K28)	South-east	Swinden8_15 & DSC_0752
Film 8/16	10/08/2021	L Block: Interior - Ground Floor Entrance	East	Swinden8_16 & DSC_0753
Film 8/17	10/08/2021	L Block: Interior - First Floor	South-west	Swinden8_17 & DSC_0754
Film 8/18	10/08/2021	L Block: Interior - First Floor (Room L28/L29)	South-west	Swinden8_18 & DSC_0755
Film 8/19	10/08/2021	L Block: Interior - Ground Floor (Room L16)	South-west	Swinden8_19 & DSC_0756
Film 8/20	10/08/2021	L Block: Interior - Ground Floor (Room L16)	South-east	Swinden8_20 & DSC_0757
Film 8/21	10/08/2021	L Block: Interior - Ground Floor (Room L15)	North-west	Swinden8_21 & DSC_0758

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 8/22	10/08/2021	L Block: Interior - Ground Floor Goods Elevator (Room L15)	South-east	Swinden8_22 & DSC_0759
Film 8/23	10/08/2021	L Block: Interior - Ground Floor (Room L15)	South	Swinden8_23 & DSC_0760
Film 8/24	10/08/2021	L Block: Interior - Ground Floor (Room L8)	North-east	Swinden8_24 & DSC_0761
Film 8/25	10/08/2021	L Block: Interior - Ground Floor (Room L17)	North-west	Swinden8_25 & DSC_0762
Film 8/26	10/08/2021	L Block: Interior - Ground Floor (Room L17)	South-east	Swinden8_26 & DSC_0763
Film 8/27	10/08/2021	L Block: Interior - Ground Floor (Room L17)	North-east	Swinden8_27 & DSC_0764
Film 8/28	10/08/2021	L Block: Interior - Ground Floor (Room L18/L18A)	South-east	Swinden8_28 & DSC_0765
Film 8/29	10/08/2021	L Block: Interior - Ground Floor (Room L18A)	North-west	Swinden8_29 & DSC_0768
Film 8/30	10/08/2021	L Block: Interior - Ground Floor (Room L36)	West	Swinden8_30 & DSC_0769
Film 8/31	10/08/2021	L Block: Interior - Ground Floor (Room L18)	South-east	Swinden8_31 & DSC_0770
Film 8/32	10/08/2021	L Block: Interior - Ground Floor (Room L18)	North-west	Swinden8_32 & DSC_0771
Film 8/33	10/08/2021	L Block: Interior - Basement (Room L31)	North	Swinden8_33 & DSC_0773
Film 8/34	10/08/2021	L Block: Interior - Basement (Room L31)	South-west	Swinden8_34 & DSC_0774
Film 8/35	10/08/2021	L Block: Interior - Ground Floor (Room L12)	South-west	Swinden8_35 & DSC_0775
Film 8/36	10/08/2021	L Block: Interior - Ground Floor (Room L4/L4A)	South-west	Swinden8_36 & DSC_0776
Film 8/37	10/08/2021	E Block: Exterior - North-east & South-east Elevations	North-west	Swinden8_37 & DSC_0777
Film 9/01	10/08/2021	Q Block: Interior - Second Floor (Room Q18)	North-west	Swinden9_01 & DSC_0778
Film 9/02	10/08/2021	Q Block: Interior - Second Floor (Room Q11)	West	Swinden9_02 & DSC_0780
Film 9/03	10/08/2021	Q Block: Interior - Second Floor (Room Q11 Crane)	South-west	Swinden9_03 & DSC_0781
Film 9/04	10/08/2021	Q Block: Interior - Second Floor (Room Q19-Q22)	North-west	Swinden9_04 & DSC_0782
Film 9/05	10/08/2021	Q Block: Interior - Second Floor (Room Q19/Q20)	South	Swinden9_05 & DSC_0783
Film 9/06	10/08/2021	Q Block: Interior - Second Floor (Room Q18)	South-east	Swinden9_06 & DSC_0784
Film 9/07	10/08/2021	Q Block: Interior - First Floor (Room Q15)	North-east	Swinden9_07 & DSC_0785
Film 9/08	10/08/2021	Q Block: Interior - First Floor (Room Q11)	South-west	Swinden9_08 & DSC_0786
Film 9/09	10/08/2021	Q Block: Interior - First Floor (Room Q13/Q13A/Q13B/Q14)	South-east	Swinden9_09 & DSC_0787
Film 9/10	10/08/2021	Q Block: Interior - Ground Floor Entrance & Goods Elevator	North-west	Swinden9_10 & DSC_0788
Film 9/11	10/08/2021	Q Block: Interior - Ground Floor Entrance & Goods Elevator	North-west	Swinden9_11 & DSC_0789
Film 9/12	10/08/2021	Q Block: Interior - Ground Floor (Room Q9A)	North-west	Swinden9_12 & DSC_0791
Film 9/13	10/08/2021	Q Block: Interior - Ground Floor (Room Q1)	West	Swinden9_13 & DSC_0792
Film 9/14	10/08/2021	Q Block: Interior - Ground Floor (Room Q2)	South-west	Swinden9_14 & DSC_0793
Film 9/15	10/08/2021	Q Block: Interior - Ground Floor (Room Q4/Q8)	North-west	Swinden9_15 & DSC_0794
Film 9/16	11/08/2021	A Block: Exterior - North-east and North-west Elevations	South-east	Swinden9_16 & DSC_0795
Film 9/17	11/08/2021	A Block: Exterior - North-west Elevation	South-east	Swinden9_17 & DSC_0796
Film 9/18	11/08/2021	A Block & H Block: Exterior - South-east	West	Swinden9_18 & DSC_0797
Film 9/19	11/08/2021	A Block: Exterior - South-east Elevation	North	Swinden9_19 & DSC_0798
Film 9/20	11/08/2021	A Block & H Block: Exterior - South-east	North-west	Swinden9_20 & DSC_0799
Film 9/21	11/08/2021	A Block: Exterior - South-east Elevation	North-east	Swinden9_21 & DSC_0800
Film 9/22	11/08/2021	H Block: Exterior - South-east Elevation	West	Swinden9_22 & DSC_0801

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 9/23	11/08/2021	H Block: Exterior - South-west Elevation	South-west	Swinden9_23 & DSC_0802
Film 9/24	11/08/2021	H Block & A Block: Exterior - South-east Elevation	North-east	Swinden9_24 & DSC_0803
Film 9/25	11/08/2021	H Block: Exterior - South-east Elevation	North-east	Swinden9_25 & DSC_0804
Film 9/26	11/08/2021	H Block: Exterior - South-east & North-west Elevations	East	Swinden9_26 & DSC_0805
Film 9/27	11/08/2021	H Block: Exterior - North-west Elevation	North-east	Swinden9_27 & DSC_0806
Film 9/28	11/08/2021	H Block: Exterior - North-west Elevation	South-east	Swinden9_28 & DSC_0807
Film 9/29	11/08/2021	H Block: Exterior - North-west & North-east Elevations	South-west	Swinden9_29 & DSC_0808
Film 9/30	11/08/2021	A Block & H Block: Exterior - North-west Elevation	South-east	Swinden9_30 & DSC_0809
Film 9/31	11/08/2021	A Block: Exterior - North-west & South-west Elevations	East	Swinden9_31 & DSC_0810
Film 9/32	11/08/2021	C Block & A Block: Exterior - South-west Elevation	North-east	Swinden9_32 & DSC_0811
Film 9/33	11/08/2021	C Block: Exterior - South-west Elevation	North	Swinden9_33 & DSC_0812
Film 9/34	11/08/2021	D Block: Exterior - South-east Elevation	North-east	Swinden9_34 & DSC_0813
Film 9/35	11/08/2021	D Block: Exterior - South-east & North-east Elevations	West	Swinden9_35 & DSC_0814
Film 9/36	11/08/2021	D Block: Exterior - South-east & North-east Elevations	North-east	Swinden9_36 & DSC_0815
Film 9/37	11/08/2021	D Block: Exterior - South-west Elevation	North	Swinden9_37 & DSC_0816
Film 10/01	11/08/2021	D Block: Exterior - South-west Elevation	South-east	DSC_0817
Film 10/02	11/08/2021	D Block: Exterior - South-west Elevation	East	Swinden10_02 & DSC_0818
Film 10/03	11/08/2021	D Block: Exterior - South-west Elevation	North-east	Swinden10_03 & DSC_0819
Film 10/04	11/08/2021	D Block: Exterior - North-west Elevation	East	Swinden10_04 & DSC_0820
Film 10/05	11/08/2021	B Block: Exterior - South-east Elevation	North-east	Swinden10_05 & DSC_0821
Film 10/06	11/08/2021	B Block: Exterior - South-west Elevation	East	Swinden10_06 & DSC_0822
Film 10/07	11/08/2021	B Block: Exterior - North-west Elevation	East	Swinden10_07 & DSC_0823
Film 10/08	11/08/2021	B Block: Exterior - North-west Elevation	South-east	Swinden10_08 & DSC_0824
Film 10/09	11/08/2021	B Block: Exterior - North-west Elevation	South-east	Swinden10_09 & DSC_0825
Film 10/10	11/08/2021	B Block: Exterior - North-west Elevation	South-west	Swinden10_10 & DSC_0826
Film 10/11	11/08/2021	B Block: Exterior - North-east Elevation	South-east	Swinden10_11 & DSC_0827
Film 10/12	11/08/2021	B Block: Exterior - North-east & South-east Elevations	West	Swinden10_12 & DSC_0828
Film 10/13	11/08/2021	C Block: Exterior - North-east & North-west Elevations	South	Swinden10_13 & DSC_0829
Film 10/14	11/08/2021	C Block: Exterior - North-east Elevation	South-west	Swinden10_14 & DSC_0830
Film 10/15	11/08/2021	A Block: Exterior - North-west Elevation	South-east	Swinden10_15 & DSC_0831
Film 10/16	11/08/2021	A Block: Exterior - North-west Elevation	South-east	Swinden10_16 & DSC_0832
Film 10/17	11/08/2021	C Block: Exterior - North-east Elevation	West	Swinden10_17 & DSC_0833
Film 10/18	11/08/2021	E Block & L Block: Exterior North-east and North-west Elevations	South	Swinden10_18 & DSC_0834
Film 10/19	11/08/2021	E Block: Exterior North-east and South-east Elevations	North-west	Swinden10_19 & DSC_0835

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 10/20	11/08/2021	F Block: Exterior North-east and North-west Elevations	South-west	Swinden10_20 & DSC_0836
Film 10/21	11/08/2021	F Block: Exterior North-east and North-west Elevations	South-west	Swinden10_21 & DSC_0837
Film 10/22	11/08/2021	F Block: Exterior North-east Elevation	West	Swinden10_22 & DSC_0838
Film 10/23	11/08/2021	F Block: Exterior North-east Elevation	North-west	Swinden10_23 & DSC_0839
Film 10/24	11/08/2021	F Block: Exterior North-east and South-east Elevations	West	Swinden10_24 & DSC_0840
Film 10/25	11/08/2021	F Block: Exterior North-east and South-east Elevations	West	Swinden10_25 & DSC_0840
Film 10/26	11/08/2021	G Block: Exterior South-east Elevation	North-west	Swinden10_26 & DSC_0841
Film 10/27	11/08/2021	G Block: Exterior South-east Elevation	North-west	Swinden10_27 & DSC_0842
Film 10/28	11/08/2021	F Block & G Block: Exterior South-east & South-west Elevations	North-east	Swinden10_28 & DSC_0843
Film 10/29	11/08/2021	G Block: Exterior South-east Elevation	North	Swinden10_29 & DSC_0844
Film 10/30	11/08/2021	G Block: Exterior South-west Elevation	North-east	Swinden10_30 & DSC_0845
Film 10/31	11/08/2021	G Block: Exterior South-west Elevation	South-east	Swinden10_31 & DSC_0846
Film 10/32	11/08/2021	G Block: Exterior South-west & North-west Elevations	South-east	Swinden10_32 & DSC_0847
Film 10/33	11/08/2021	F Block & G Block: Exterior South-west & North-west Elevations	East	Swinden10_33 & DSC_0848
Film 10/34	11/08/2021	G Block: Exterior North-west Elevation	South	Swinden10_34 & DSC_0849
Film 10/35	11/08/2021	F Block: Exterior North-west Elevation	South	Swinden10_35 & DSC_0850
Film 10/36	11/08/2021	R Block: Exterior North-west Elevation	South	Swinden10_36 & DSC_0851
Film 10/37	11/08/2021	J Block: Exterior North-west Elevation	South	Swinden10_37 & DSC_0852
Film 11/01	11/08/2021	J Block: Exterior North-west & North-east Elevations	South-west	Swinden11_01 & DSC_0853
Film 11/02	11/08/2021	J Block: Exterior North-west & North-east Elevations	South-west	Swinden11_02 & DSC_0854
Film 11/03	11/08/2021	J Block: Exterior North-east Elevation	South	Swinden11_03 & DSC_0622-
Film 11/04	11/08/2021	J Block: Exterior North-east Elevation	West	Swinden11_04 & DSC_0856
Film 11/05	11/08/2021	J Block: Exterior South-east Elevation	North-west	Swinden11_05 & DSC_0857
Film 11/06	11/08/2021	J Block: Exterior South-west & South-east Elevations	North	Swinden11_06 & DSC_0858
Film 11/07	11/08/2021	J Block: Exterior South-west Elevation	East	Swinden11_07 & DSC_0859
Film 11/08	11/08/2021	R Block & J Block: Exterior North-east & South-west Elevations	South-east	Swinden11_08 & DSC_0860
Film 11/09	11/08/2021	R Block: Exterior North-east Elevation	North-west	Swinden11_09 & DSC_0861
Film 11/10	11/08/2021	R Block: Exterior South-east Elevation	North-west	Swinden11_10 & DSC_0862
Film 11/11	11/08/2021	R Block: Exterior South-east Elevation	North	Swinden11_11 & DSC_0863
Film 11/12	11/08/2021	K Block: Exterior North-west & North-east Elevations	South-west	Swinden11_12 & DSC_0864
Film 11/13	11/08/2021	K Block: Exterior North-east Elevation	South-west	Swinden11_13 & DSC_0865
Film 11/14	11/08/2021	K Block: Exterior North-east Elevation	West	Swinden11_14 & DSC_0866

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 11/15	11/08/2021	K Block: Exterior South-east & North-east Elevations	West	Swinden11_15 & DSC_0867
Film 11/16	11/08/2021	K Block: Exterior North-west Elevation	South-west	Swinden11_16 & DSC_0868
Film 11/17	11/08/2021	K Block: Exterior North-west Elevation	East	Swinden11_17 & DSC_0869
Film 11/18	11/08/2021	K Block: Exterior South-west & North-west Elevations	South	Swinden11_18 & DSC_0870
Film 11/19	11/08/2021	K Block: Exterior South-west and South-east Elevations	East	Swinden11_19 & DSC_0871
Film 11/20	11/08/2021	L Block: Exterior South-east & South-west Elevations	North-east	Swinden11_20 & DSC_0872
Film 11/21	11/08/2021	L Block: Exterior South-east & South-west Elevations	North-east	Swinden11_21 & DSC_0873
Film 11/22	11/08/2021	E Block & L Block: Exterior South-east & North-east Elevations	West	Swinden11_22 & DSC_0874
Film 11/23	11/08/2021	L Block: Exterior South-east Elevation	East	Swinden11_23 & DSC_0875
Film 11/24	11/08/2021	L Block: Exterior South-west & North-west Elevations	East	Swinden11_24 & DSC_0876
Film 11/25	11/08/2021	E Block & L Block: Exterior North-east & North-west Elevations	West	Swinden11_25 & DSC_0877
Film 11/26	11/08/2021	Q Block: Exterior South-west Elevation	North-east	Swinden11_26 & DSC_0878
Film 11/27	11/08/2021	Q Block: Exterior North-west Elevation	South-east	Swinden11_27 & DSC_0879
Film 11/28	11/08/2021	Q Block: Exterior North-east Elevation	South-west	Swinden11_28 & DSC_0880
Film 11/29	11/08/2021	Q Block: Exterior South-east & North-east Elevations	West	Swinden11_29 & DSC_0881
Film 11/30	11/08/2021	Q Block: Exterior South-east Elevation	North-west	Swinden11_30 & DSC_0882
Film 11/31	11/08/2021	Canteen: Exterior North-west Elevation	East	Swinden11_31 & DSC_0882
Film 11/32	11/08/2021	Canteen: Exterior North-west Elevation	South-east	Swinden11_32 & DSC_0884
Film 11/33	11/08/2021	Canteen: Exterior North-east Elevation	South-west	Swinden11_33 & DSC_0885
Film 11/34	11/08/2021	Canteen: Exterior South-east Elevation	North-west	Swinden11_34 & DSC_0886
Film 11/35	11/08/2021	Canteen: Exterior South-west Elevation	West	Swinden11_35 & DSC_0887
Film 11/36	11/08/2021	C Block: Exterior North-east Elevation	South-west	Swinden11_36 & DSC_0888
Film 11/37	11/08/2021	C Block: Exterior North-east Elevation	West	Swinden11_37 & DSC_0889

Colour Slide (Fujifilm Provia 100F) 35mm Format (Scanned File)

Kelly Hunter MAP Archaeological Practice Ltd

Exposure	Date	Description	Facing	Scanned Image
Film 5/01	09/08/2021	Between A Block & H Block: Interior - Ground Floor Stairs & Entrance into Block A	North-east	Swinden5-01
Film 5/02	09/08/2021	A Block: Interior - First Floor Corridor (Skylight)	North-east	Swinden5_02
Film 5/03	09/08/2021	A Block: Interior - First Floor Corridor into C Block	North-west	Swinden5_03
Film 5/04	09/08/2021	A Block: Interior - First Floor Corridor Stairs to Ground Floor & Roof Access	North-west	Swinden5_04
Film 5/05	09/08/2021	A Block: Interior - First Floor (Corridor & Room A26)	North-east	Swinden5_05
Film 5/06	09/08/2021	A Block: Interior - First Floor Corridor	South-west	Swinden5_06

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 5/07	09/08/2021	A Block: Interior - Ground Floor North-west Entrance & Stairs to First Floor	South-east	Swinden5_07
Film 5/08	09/08/2021	A Block: Interior - Ground Floor (Room A1)	South	Swinden5_08
Film 5/09	09/08/2021	A Block: Interior - Ground Floor (Room A2)	South	Swinden5_09
Film 5/10	09/08/2021	A Block: Interior - Ground Floor (Room A2)	North-west	Swinden5_10
Film 5/11	09/08/2021	A Block: Interior - Ground Floor (Room A8)	North-west	Swinden5_11
Film 5/12	09/08/2021	A Block: Interior - Ground Floor (Room A14)	South-west	Swinden5_12
Film 5/13	09/08/2021	Between A Block & C Block: Interior - Ground Floor Stairs & Entrance into C Block	North-west	Swinden5_13
Film 5/14	09/08/2021	C Block: Interior - Ground Floor Corridor	North-west	Swinden5_14
Film 5/15	09/08/2021	C Block: Interior - First Floor Corridor	North-west	Swinden5_15
Film 5/16	09/08/2021	C Block: Interior - First Floor Corridor & Stairs to Second Floor	West	Swinden5_16
Film 5/17	09/08/2021	C Block: Interior - Second Floor (Room C152/C152A)	North-west	Swinden5_17
Film 5/18	09/08/2021	C Block: Interior - Second Floor (Room C150/C150A)	South-east	Swinden5_18
Film 5/19	09/08/2021	B Block: Interior - First Floor (Room B88)	West	Swinden5_19
Film 5/20	09/08/2021	B Block: Interior - First Floor (Room B91)	West	Swinden5_20
Film 5/21	09/08/2021	B Block: Interior - First Floor Corridor	South-west	Swinden5_21
Film 5/22	09/08/2021	B Block: Interior - Ground Floor Corridor	North-east	Swinden5_22
Film 5/23	09/08/2021	B Block: Interior - Ground Floor (Room B80)	South	Swinden5_23
Film 5/24	09/08/2021	B Block: Interior - Ground Floor (Room B78/B79)	North-east	Swinden5_24
Film 5/25	09/08/2021	B Block: Interior - Ground Floor (Room B68)	South-west	Swinden5_25
Film 5/26	09/08/2021	B Block: Interior - Ground Floor (Room B71/B74)	South-west	Swinden5_26
Film 5/27	09/08/2021	B Block: Interior - Ground Floor (Room B65)	South-east	Swinden5_27
Film 5/28	09/08/2021	Between Blocks B & C: Interior - Ground Floor Stairs & Entrance into C Block	South	Swinden5_28
Film 5/29	09/08/2021	D Block: Interior - East	South-west	Swinden5_29
Film 5/30	09/08/2021	D Block: Interior - East	North-east	Swinden5_30
Film 5/31	09/08/2021	D Block: Interior - East	North-east	Swinden5_31
Film 5/32	09/08/2021	D Block: Interior - Corridor & South-west Entrance	South-west	Swinden5_32
Film 5/33	09/08/2021	D Block: Interior - West	North-east	Swinden5_33
Film 5/34	09/08/2021	D Block: Interior - West	South-west	Swinden5_34
Film 5/35	09/08/2021	C Block: Interior - Ground Floor Reception (Room	North-west	Swinden5_35
Film 5/36	09/08/2021	B Block & C Block: Exterior - Stairs (North-east Elevation)	South-west	Swinden5_36
Film 5/37	09/08/2021	C Block: Exterior - Main Entrance (North-east Elevation)	South-west	Swinden5_37
Film 12/01	10/08/2021	F Block: Interior - Ground Floor (Room F8-F11)	North-west	Swinden12-01
Film 12/02	10/08/2021	F Block: Interior - Ground Floor (Room F8)	West	Swinden12_02

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 12/03	10/08/2021	F Block: Interior - Ground Floor (Room F8-F11)	South-east	Swinden12_03
Film 12/04	10/08/2021	F Block: Interior - Ground Floor (Room F8)	South-east	Swinden12_04
Film 12/05	10/08/2021	F Block: Interior - Ground Floor (Room F8)	North-west	Swinden12_05
Film 12/06	10/08/2021	F Block: Interior - Ground Floor (Room F8-F11)	South-east	Swinden12_06
Film 12/07	10/08/2021	G Block: Interior - Ground Floor (Room G15)	North-west	Swinden12_07
Film 12/08	10/08/2021	G Block: Interior - Ground Floor (Room G15)	South-east	Swinden12_08
Film 12/09	10/08/2021	G Block: Interior - Ground Floor (Room G15)	South-east	Swinden12_09
Film 12/10	10/08/2021	G Block: Interior - Ground Floor (Room G1)	North-west	Swinden12_10
Film 12/11	10/08/2021	G Block: Interior - Ground Floor (Room G1)	North-west	Swinden12_11
Film 12/12	10/08/2021	G Block: Interior - Ground Floor (Room G2)	South-east	Swinden12_12
Film 12/13	10/08/2021	R Block: Interior	South-east	Swinden12_13
Film 12/14	10/08/2021	R Block: Interior	North-west	Swinden12_14
Film 12/15	10/08/2021	R Block: Interior	South-west	Swinden12_15
Film 12/16	10/08/2021	J Block: Interior - First Floor Corridor	South-east	Swinden12_16
Film 12/17	10/08/2021	J Block: Interior - First Floor (Room J20)	South-east	Swinden12_17
Film 12/18	10/08/2021	J Block: Interior - Ground Floor (Room J11)	North-west	Swinden12_18
Film 12/19	10/08/2021	J Block: Interior - Ground Floor (Room J12)	North-west	Swinden12_19
Film 12/20	10/08/2021	J Block: Interior - Ground Floor (Room J14)	South-east	Swinden12_20
Film 12/21	10/08/2021	K Block: Interior - Ground Floor Goods Elevator	West	Swinden12_21
Film 12/22	10/08/2021	K Block: Interior - Ground Floor (Room K18)	North-east	Swinden12_22
Film 12/23	10/08/2021	K Block: Interior - Ground Floor (Room K8/K10)	South-west	Swinden12_23
Film 12/24	10/08/2021	K Block: Interior - Ground Floor (Room K9)	South-west	Swinden12_24
Film 12/25	10/08/2021	K Block: Interior - First Floor (Room K29/K37)	South-west	Swinden12_25
Film 12/26	10/08/2021	K Block: Interior - First Floor (Room K30)	South-west	Swinden12_26
Film 12/27	10/08/2021	K Block: Interior - First Floor (Room K42)	North-east	Swinden12_27
Film 12/28	10/08/2021	L Block: Interior - Ground Floor (Room L4/L4A)	South-west	Swinden12_28
Film 12/29	10/08/2021	L Block: Interior - Ground Floor (Room L16)	South-west	Swinden12_29
Film 12/30	10/08/2021	L Block: Interior - Ground Floor (Room L16)	North-west	Swinden12_30
Film 12/31	10/08/2021	L Block: Interior - Ground Floor (Room L18)	South-east	Swinden12_31
Film 12/32	10/08/2021	L Block: Interior - Ground Floor (Room L15)	North-west	Swinden12_32
Film 12/33	10/08/2021	L Block: Interior - Ground Floor (Room L17)	South-east	Swinden12_33
Film 12/34	10/08/2021	L Block: Interior - Ground Floor (Room L17)	North-west	Swinden12_34
Film 12/35	10/08/2021	L Block: Interior - Ground Floor (Room L18/L18A)	North-west	Swinden12_35
Film 12/36	10/08/2021	L Block: Interior - Ground Floor (Room L18/L18A)	South-east	Swinden12_36
Film 12/37	10/08/2021	L Block: Interior - Ground Floor (Room L36)	West	Swinden12_37
Film 13/01	11/08/2021	C Block: Exterior North-east Elevation	South-west	Swinden12-01
Film 13/02	11/08/2021	A Block: Exterior North-west Elevation	South-east	Swinden13_02
Film 13/03	11/08/2021	A Block: Exterior North-west Elevation	East	Swinden13_03
Film 13/04	11/08/2021	B Block: Exterior North-west Elevation	East	Swinden13_04

Exposure	Date	Description	Facing	Scanned/Digital Image
Film 13/05	11/08/2021	B Block & D Block: Exterior South-east & North-west Elevations	North-east	Swinden13_05
Film 13/06	11/08/2021	D Block, E Block and H Block: Exterior South-west & North-west Elevations	South-east	Swinden13_06
Film 13/07	11/08/2021	C Block, D Block & A Block: Exterior South-west, South-east & North-west Elevations	North-east	Swinden13_07
Film 13/08	11/08/2021	A Block & H Block: Exterior North-west Elevation	South-east	Swinden13_08
Film 13/09	11/08/2021	H Block: Exterior North-west & South-west Elevations	East	Swinden13_09
Film 13/10	11/08/2021	H Block, L Block & K Block: Exterior	South-west	Swinden13_10
Film 13/11	11/08/2021	H Block, L Block & K Block: Exterior	South-west	Swinden13_11
Film 13/12	11/08/2021	K Block & H Block: Exterior North-west Elevations	North-east	Swinden13_12
Film 13/13	11/08/2021	L Block: Exterior South-west Elevation	North	Swinden13_13
Film 13/14	11/08/2021	E Block & L Block: Exterior North-east Elevation	North-west	Swinden13_14
Film 13/15	11/08/2021	L Block & F Block: Exterior	West	Swinden13_15
Film 13/16	11/08/2021	J Block: South-east & North-east Elevations	North-west	Swinden13_16
Film 13/17	11/08/2021	F Block: Exterior North-east Elevation	North-west	Swinden13_17
Film 13/18	11/08/2021	F Block: Exterior South-east & South-west Elevations	North-east	Swinden13_18
Film 13/19	11/08/2021	G Block: Exterior South-east Elevation	North-west	Swinden13_19
Film 13/20	11/08/2021	L Block: Exterior North-west Elevation	South-west	Swinden13_20
Film 13/21	11/08/2021	R Block: Exterior South-east Elevation	North-west	Swinden13_21
Film 13/22	11/08/2021	L Block: Exterior North-west Elevation	South-east	Swinden13_22
Film 13/23	11/08/2021	J Block: Exterior South-west Elevation	South-east	Swinden13_23
Film 13/24	11/08/2021	J Block: Exterior North-west & South-west Elevations	East	Swinden13_24
Film 13/25	11/08/2021	J Block: Exterior North-west & North-east Elevations	South-west	Swinden13_25
Film 13/26	11/08/2021	F Block & G Block: Exterior North-west Elevation	West	Swinden13_26
Film 13/27	11/08/2021	F Block & G Block: Exterior North-west Elevation	East	Swinden13_27
Film 13/28	11/08/2021	G Block: Exterior South-west & North-west Elevations	South-east	Swinden13_28
Film 13/29	11/08/2021	Q Block: Exterior North-west & South-west Elevations	East	Swinden13_29
Film 13/30	11/08/2021	Q Block: Exterior North-east Elevation	South-west	Swinden13_30
Film 13/31	11/08/2021	Q Block: Exterior South-east Elevation	North-west	Swinden13_31
Film 13/32	11/08/2021	Q Block: Exterior South-west Elevation	North-east	Swinden13_32
Film 13/33	11/08/2021	B Block: Exterior North-east Elevation	South-west	Swinden13_33
Film 13/34	11/08/2021	C Block: Exterior North-east Elevation	South-west	Swinden13_34
Film 13/35	11/08/2021	C Block & A Block: Exterior North-east & North-west Elevations	South	Swinden13_35



Swinden1_01



Swinden1_02



Swinden1_03



Swinden1_04



Swinden1_05



Swinden1_06



Swinden1_07



Swinden1_08



Swinden1_09



Swinden1_10



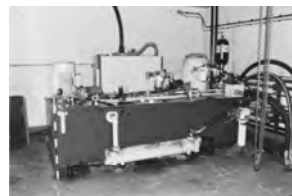
Swinden1_11



Swinden1_12



Swinden1_13



Swinden1_14



Swinden1_15



Swinden1_16



Swinden1_17



Swinden1_18



Swinden1_19



Swinden1_20



Swinden1_21



Swinden1_22



Swinden1_23



Swinden1_24



Swinden1_25



Swinden1_26



Swinden1_27



Swinden1_28



Swinden1_29



Swinden1_30



Swinden1_31



Swinden1_32



Swinden1_33



Swinden1_34



Swinden1_35



Swinden1_36



Swinden1_37



Swinden2_01



Swinden2_02



Swinden2_03



Swinden2_04



Swinden2_05



Swinden2_06



Swinden2_07



Swinden2_08



Swinden2_09



Swinden2_10



Swinden2_11



Swinden2_12



Swinden2_13



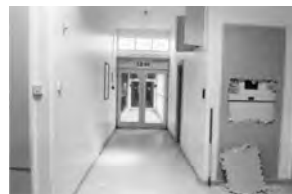
Swinden2_14



Swinden2_15



Swinden2_16



Swinden2_17



Swinden2_18



Swinden2_19



Swinden2_20



Swinden2_21



Swinden2_22



Swinden2_23



Swinden2_24



Swinden2_25



Swinden2_26



Swinden2_27



Swinden2_28



Swinden2_29



Swinden2_30



Swinden2_31



Swinden2_32



Swinden2_33



Swinden2_34



Swinden2_35



Swinden2_36



Swinden2_37



Swinden3_01



Swinden3_02



Swinden3_03



Swinden3_04



Swinden3_05



Swinden3_06



Swinden3_07



Swinden3_08



Swinden3_09



Swinden3_10



Swinden3_11



Swinden3_12



Swinden3_13



Swinden3_14



Swinden3_15



Swinden3_16



Swinden3_17



Swinden3_18



Swinden3_19



Swinden3_20



Swinden3_21



Swinden3_22



Swinden3_23



Swinden3_24



Swinden3_25



Swinden3_26



Swinden3_27



Swinden3_28



Swinden3_29



Swinden3_30



Swinden3_31



Swinden3_32



Swinden3_33



Swinden3_34



Swinden3_35



Swinden3_36



Swinden3_37



Swinden4_01



Swinden4_02



Swinden4_03



Swinden4_04



Swinden4_05



Swinden4_06



Swinden4_07



Swinden4_08



Swinden4_09



Swinden4_10



Swinden4_11



Swinden4_12



Swinden4_13



Swinden4_14



Swinden4_15



Swinden4_16



Swinden4_17



Swinden4_18



Swinden4_19



Swinden4_20



Swinden4_21



Swinden4_22



Swinden4_23



Swinden4_24



Swinden4_25



Swinden4_26



Swinden4_27



Swinden4_28



Swinden4_29



Swinden4_30



Swinden4_31



Swinden4_32



Swinden4_33



Swinden4_34



Swinden4_35



Swinden4_36



Swinden4_37



Swinden5_01



Swinden5_02



Swinden5_03



Swinden5_04



Swinden5_05



Swinden5_06



Swinden5_07



Swinden5_08



Swinden5_09



Swinden5_10



Swinden5_11



Swinden5_12



Swinden5_13



Swinden5_14



Swinden5_15



Swinden5_16



Swinden5_17



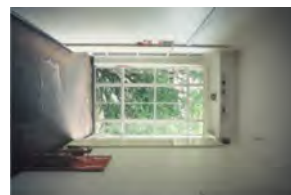
Swinden5_18



Swinden5_19



Swinden5_20



Swinden5_21



Swinden5_22



Swinden5_23



Swinden5_24



Swinden5_25



Swinden5_26



Swinden5_27



Swinden5_28



Swinden5_29



Swinden5_30



Swinden5_31



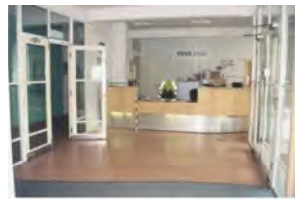
Swinden5_32



Swinden5_33



Swinden5_34



Swinden5_35



Swinden5_36



Swinden5_37



Swinden6_01



Swinden6_02



Swinden6_03



Swinden6_04



Swinden6_05



Swinden6_06



Swinden6_07



Swinden6_08



Swinden6_09



Swinden6_10



Swinden6_11



Swinden6_12



Swinden6_13



Swinden6_14



Swinden6_15



Swinden6_16



Swinden6_17



Swinden6_18



Swinden6_19



Swinden6_20



Swinden6_21



Swinden6_22



Swinden6_23



Swinden6_24



Swinden6_25



Swinden6_26



Swinden6_27



Swinden6_28



Swinden6_29



Swinden6_30



Swinden6_31



Swinden6_32



Swinden6_33



Swinden6_34



Swinden6_35



Swinden6_36



Swinden6_37



Swinden7_01



Swinden7_02



Swinden7_03



Swinden7_04



Swinden7_05



Swinden7_06



Swinden7_07



Swinden7_08



Swinden7_09



Swinden7_10



Swinden7_11



Swinden7_12



Swinden7_13



Swinden7_14



Swinden7_15



Swinden7_16



Swinden7_17



Swinden7_18



Swinden7_19



Swinden7_20



Swinden7_21



Swinden7_22



Swinden7_23



Swinden7_24



Swinden7_25



Swinden7_26



Swinden7_27



Swinden7_28



Swinden7_29



Swinden7_30



Swinden7_31



Swinden7_32



Swinden7_33



Swinden7_34



Swinden7_35



Swinden7_36



Swinden7_37



Swinden8_01



Swinden8_02



Swinden8_03



Swinden8_04



Swinden8_05



Swinden8_06



Swinden8_07



Swinden8_08



Swinden8_09



Swinden8_10



Swinden8_11



Swinden8_12



Swinden8_13



Swinden8_14



Swinden8_15



Swinden8_16



Swinden8_17



Swinden8_18



Swinden8_19



Swinden8_20



Swinden8_21



Swinden8_22



Swinden8_23



Swinden8_24



Swinden8_25



Swinden8_26



Swinden8_27



Swinden8_28



Swinden8_29



Swinden8_30



Swinden8_31



Swinden8_32



Swinden8_33



Swinden8_34



Swinden8_35



Swinden8_36



Swinden8_37



Swinden9_01



Swinden9_02



Swinden9_03



Swinden9_04



Swinden9_05



Swinden9_06



Swinden9_07



Swinden9_08



Swinden9_09



Swinden9_10



Swinden9_11



Swinden9_12



Swinden9_13



Swinden9_14



Swinden9_15



Swinden9_16



Swinden9_17



Swinden9_18



Swinden9_19



Swinden9_20



Swinden9_21



Swinden9_22



Swinden9_23



Swinden9_24



Swinden9_25



Swinden9_26



Swinden9_27



Swinden9_28



Swinden9_29



Swinden9_30



Swinden9_31



Swinden9_32



Swinden9_33



Swinden9_34



Swinden9_35



Swinden9_36



Swinden9_37



Swinden10_02



Swinden10_03



Swinden10_04



Swinden10_05



Swinden10_06



Swinden10_07



Swinden10_08



Swinden10_09



Swinden10_10



Swinden10_11



Swinden10_12



Swinden10_13



Swinden10_14



Swinden10_15



Swinden10_16



Swinden10_17



Swinden10_18



Swinden10_19



Swinden10_20



Swinden10_21



Swinden10_22



Swinden10_23



Swinden10_24



Swinden10_25



Swinden10_26



Swinden10_27



Swinden10_28



Swinden10_29



Swinden10_30



Swinden10_31



Swinden10_32



Swinden10_33



Swinden10_34



Swinden10_35



Swinden10_36



Swinden10_37



Swinden11_01



Swinden11_02



Swinden11_03



Swinden11_04



Swinden11_05



Swinden11_06



Swinden11_07



Swinden11_08



Swinden11_09



Swinden11_10



Swinden11_11



Swinden11_12



Swinden11_13



Swinden11_14



Swinden11_15



Swinden11_16



Swinden11_17



Swinden11_18



Swinden11_19



Swinden11_20



Swinden11_21



Swinden11_22



Swinden11_23



Swinden11_24



Swinden11_25



Swinden11_26



Swinden11_27



Swinden11_28



Swinden11_29



Swinden11_30



Swinden11_31



Swinden11_32



Swinden11_33



Swinden11_34



Swinden11_35



Swinden11_36



Swinden11_37



Swinden12_01



Swinden12_02



Swinden12_03



Swinden12_04



Swinden12_05



Swinden12_06



Swinden12_07



Swinden12_08



Swinden12_09



Swinden12_10



Swinden12_11



Swinden12_12



Swinden12_13



Swinden12_14



Swinden12_15



Swinden12_16



Swinden12_17



Swinden12_18



Swinden12_19



Swinden12_20



Swinden12_21



Swinden12_22



Swinden12_23



Swinden12_24



Swinden12_25



Swinden12_26



Swinden12_27



Swinden12_28



Swinden12_29



Swinden12_30



Swinden12_31



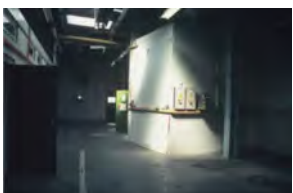
Swinden12_32



Swinden12_33



Swinden12_34



Swinden12_35



Swinden12_36



Swinden12_37



Swinden13_01



Swinden13_02



Swinden13_03



Swinden13_04



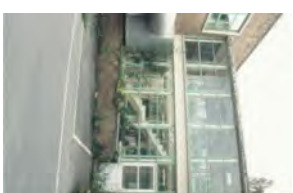
Swinden13_05



Swinden13_06



Swinden13_07



Swinden13_08



Swinden13_09



Swinden13_10



Swinden13_11



Swinden13_12



Swinden13_13



Swinden13_14



Swinden13_15



Swinden13_16



Swinden13_17



Swinden13_18



Swinden13_19



Swinden13_20



Swinden13_21



Swinden13_22



Swinden13_23



Swinden13_24



Swinden13_25



Swinden13_26



Swinden13_27



Swinden13_28



Swinden13_29



Swinden13_30



Swinden13_31



Swinden13_32



Swinden13_33



Swinden13_34



Swinden13_35



DSC_0493



DSC_0494



DSC_0495



DSC_0496



DSC_0497



DSC_0498



DSC_0499



DSC_0500



DSC_0501



DSC_0502



DSC_0503



DSC_0504



DSC_0505



DSC_0506



DSC_0507



DSC_0508



DSC_0509



DSC_0510



DSC_0511



DSC_0512



DSC_0513



DSC_0514



DSC_0515



DSC_0516



DSC_0517



DSC_0518



DSC_0519



DSC_0520



DSC_0521



DSC_0522



DSC_0523



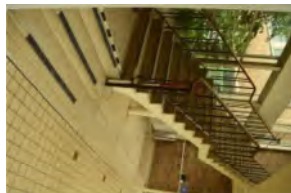
DSC_0524



DSC_0525



DSC_0526



DSC_0527



DSC_0528



DSC_0529



DSC_0530



DSC_0531



DSC_0532



DSC_0533



DSC_0534



DSC_0535



DSC_0536



DSC_0537



DSC_0538



DSC_0539



DSC_0540



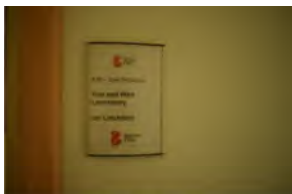
DSC_0541



DSC_0542



DSC_0543



DSC_0544



DSC_0545



DSC_0546



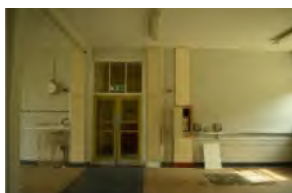
DSC_0547



DSC_0548



DSC_0549



DSC_0550



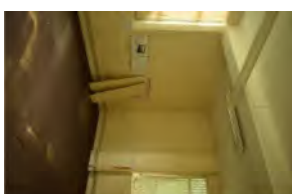
DSC_0551



DSC_0552



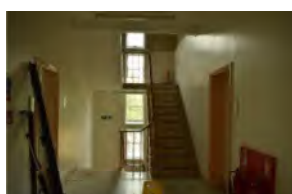
DSC_0553



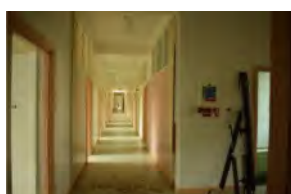
DSC_0554



DSC_0555



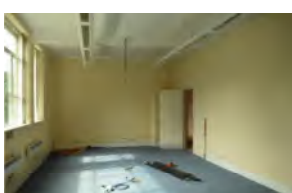
DSC_0556



DSC_0557



DSC_0558



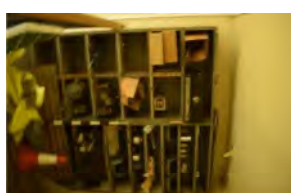
DSC_0559



DSC_0560



DSC_0561



DSC_0562



DSC_0563



DSC_0564



DSC_0565



DSC_0566



DSC_0567



DSC_0568



DSC_0569



DSC_0570



DSC_0571



DSC_0572



DSC_0573



DSC_0574



DSC_0575



DSC_0576



DSC_0577



DSC_0578



DSC_0579



DSC_0580



DSC_0581



DSC_0582



DSC_0583



DSC_0584



DSC_0585



DSC_0586



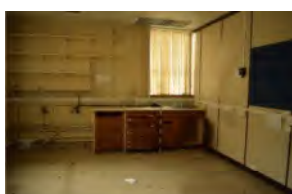
DSC_0587



DSC_0588



DSC_0589



DSC_0590



DSC_0591



DSC_0592



DSC_0593



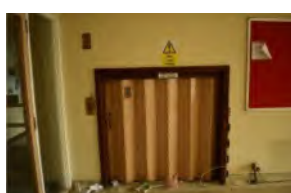
DSC_0594



DSC_0595



DSC_0596



DSC_0597



DSC_0598



DSC_0599



DSC_0600



DSC_0601



DSC_0602



DSC_0603



DSC_0604



DSC_0605



DSC_0606



DSC_0607



DSC_0608



DSC_0609



DSC_0610



DSC_0611



DSC_0612



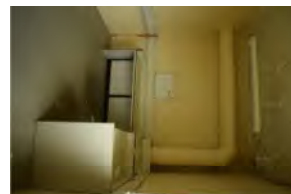
DSC_0613



DSC_0614



DSC_0615



DSC_0616



DSC_0617



DSC_0618



DSC_0619



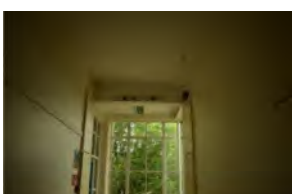
DSC_0620



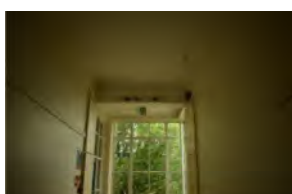
DSC_0621



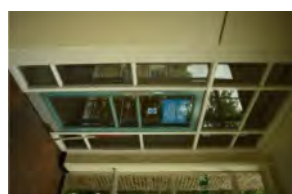
DSC_0622



DSC_0623



DSC_0624



DSC_0625



DSC_0626



DSC_0627



DSC_0628



DSC_0629



DSC_0630



DSC_0631



DSC_0632



DSC_0633



DSC_0634



DSC_0635



DSC_0636



DSC_0637



DSC_0638



DSC_0639



DSC_0640



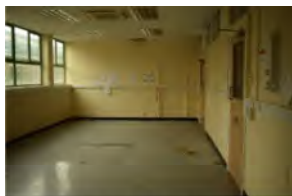
DSC_0641



DSC_0642



DSC_0643



DSC_0644



DSC_0645



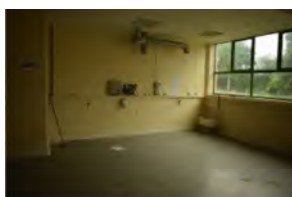
DSC_0646



DSC_0647



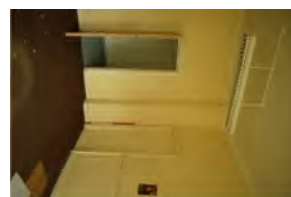
DSC_0648



DSC_0649



DSC_0650



DSC_0651



DSC_0652



DSC_0653



DSC_0654



DSC_0655



DSC_0656



DSC_0657



DSC_0658



DSC_0659



DSC_0660



DSC_0661



DSC_0662



DSC_0663



DSC_0664



DSC_0665



DSC_0666



DSC_0667



DSC_0668



DSC_0669



DSC_0670



DSC_0671



DSC_0672



DSC_0673



DSC_0674



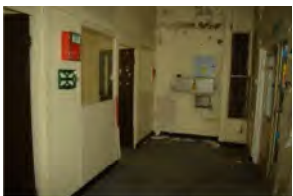
DSC_0675



DSC_0676



DSC_0677



DSC_0678



DSC_0679



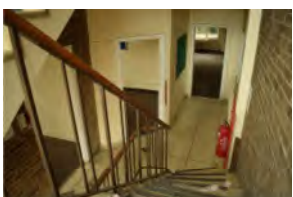
DSC_0680



DSC_0681



DSC_0682



DSC_0683



DSC_0684



DSC_0685



DSC_0686



DSC_0687



DSC_0688



DSC_0689



DSC_0690



DSC_0691



DSC_0692



DSC_0693



DSC_0694



DSC_0695



DSC_0696



DSC_0697



DSC_0698



DSC_0699



DSC_0700



DSC_0701



DSC_0702



DSC_0703



DSC_0704



DSC_0705



DSC_0706



DSC_0707



DSC_0708



DSC_0709



DSC_0710



DSC_0711



DSC_0712



DSC_0713



DSC_0714



DSC_0715



DSC_0716



DSC_0717



DSC_0718



DSC_0719



DSC_0720



DSC_0721



DSC_0722



DSC_0723



DSC_0726



DSC_0727



DSC_0728



DSC_0729



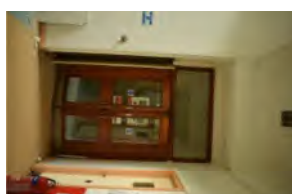
DSC_0730



DSC_0731



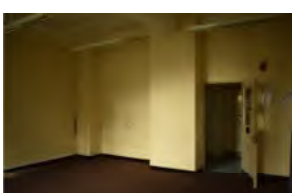
DSC_0732



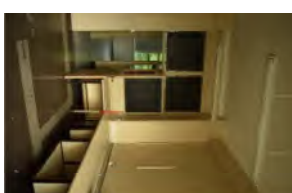
DSC_0733



DSC_0734



DSC_0735



DSC_0736



DSC_0737



DSC_0738



DSC_0739



DSC_0740



DSC_0741



DSC_0742



DSC_0743



DSC_0744



DSC_0745



DSC_0746



DSC_0747



DSC_0748



DSC_0749



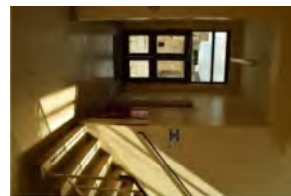
DSC_0750



DSC_0751



DSC_0752



DSC_0753



DSC_0754



DSC_0755



DSC_0756



DSC_0757



DSC_0758



DSC_0759



DSC_0760



DSC_0761



DSC_0762



DSC_0763



DSC_0764



DSC_0765



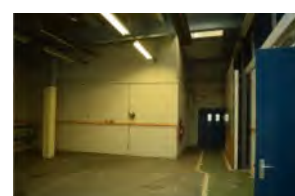
DSC_0767



DSC_0768



DSC_0769



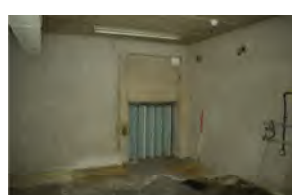
DSC_0770



DSC_0771



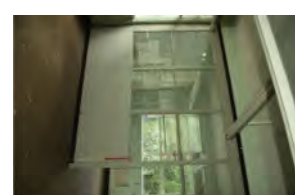
DSC_0772



DSC_0773



DSC_0774



DSC_0775



DSC_0776



DSC_0777



DSC_0778



DSC_0779



DSC_0780



DSC_0781



DSC_0782



DSC_0783



DSC_0784



DSC_0785



DSC_0786



DSC_0787



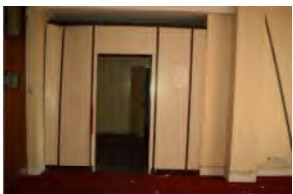
DSC_0788



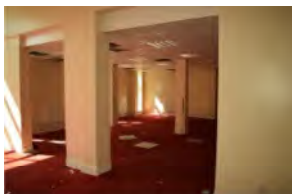
DSC_0789



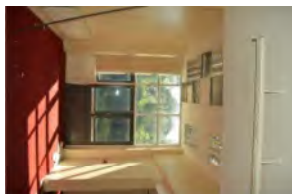
DSC_0790



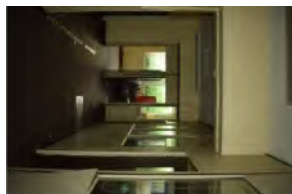
DSC_0791



DSC_0792



DSC_0793



DSC_0794



DSC_0795



DSC_0796



DSC_0797



DSC_0798



DSC_0799



DSC_0800



DSC_0801



DSC_0802



DSC_0803



DSC_0804



DSC_0805



DSC_0806



DSC_0807



DSC_0808



DSC_0809



DSC_0810



DSC_0811



DSC_0812



DSC_0813



DSC_0814



DSC_0815



DSC_0816



DSC_0817



DSC_0818



DSC_0819



DSC_0820



DSC_0821



DSC_0822



DSC_0823



DSC_0824



DSC_0825



DSC_0826



DSC_0827



DSC_0828



DSC_0829



DSC_0830



DSC_0831



DSC_0832



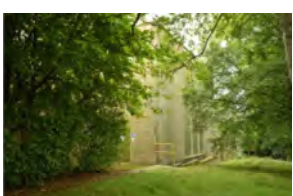
DSC_0833



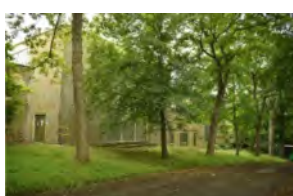
DSC_0834



DSC_0835



DSC_0836



DSC_0837



DSC_0838



DSC_0839



DSC_0840



DSC_0841



DSC_0842



DSC_0843



DSC_0844



DSC_0845



DSC_0846



DSC_0847



DSC_0848



DSC_0849



DSC_0850



DSC_0851



DSC_0852



DSC_0853



DSC_0854



DSC_0855



DSC_0856



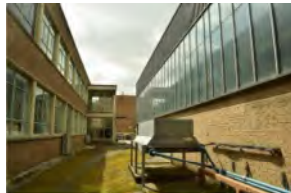
DSC_0857



DSC_0858



DSC_0859



DSC_0860



DSC_0861



DSC_0862



DSC_0863



DSC_0864



DSC_0865



DSC_0866



DSC_0867



DSC_0868



DSC_0869



DSC_0870



DSC_0871



DSC_0872



DSC_0873



DSC_0874



DSC_0875



DSC_0876



DSC_0877



DSC_0878



DSC_0879



DSC_0880



DSC_0881



DSC_0882



DSC_0883



DSC_0884



DSC_0885



DSC_0886



DSC_0887



DSC_0888



DSC_0889



DONATION FORM

Museum Entry N^o:

Archive Accession N^o:

Archive Catalogue N^o:

	LEGAL OWNER:	DONOR: (If not the same as the Legal Owner)
NAME:	MAP Archaeological Practice Ltd	
ADDRESS:	Unit 11, 8 Showfield Lane, Malton, North Yorkshire YO17 6BT	
TEL N^o:	01653 697752	
EMAIL:	kelly@maparchltd.co.uk	

DESCRIPTION OF ITEM(S) RECEIVED:

The Legal Owner/Donor is offering to gift the following item(s). (Include the format of material, extent, dates and condition, if known. Please supply full information and continue on a separate sheet if necessary)

1 BOX containing 2x reports, 10 monochrome films & 3 slide films

2x copies of the Building Record Report

FOLDER 1: Total: 43 acrylic sheets including 2 sheets – printout of contents (4 x A4 list of Monochrome Films 1-4)- Film Negatives 4 sheets (Films 1-4) & 37 sheets of 7.5 by 5 inch prints with eight prints per sheet (Film 1: 1-37, Film 2: 1-37, Film 3: 1-37 & Film 4: 1-37)

FOLDER 2: Total: 43 acrylic sheets including 2 sheets – printout of contents (4 x A4 list of Monochrome Films 6-9)- Film Negatives 4 sheets (Films 6-9) & 37 sheets of 7.5 by 5 inch prints with eight prints per sheet (Film 6: 1-37, Film 7: 1-37, Film 8: 1-37 & Film 9: 1-37)

FOLDER 3: Total: 31 acrylic sheets including 2 sheets – printout of contents (2 A4 list of Films 10 & 11), Film Negatives 2 sheets (Films 1-4) & 19 sheets of 7.5by 5 inch prints with eight prints per sheet (Film 10: 1-37, Film 11: 1-37) & 2 sheets of contents (3x A4 printout of Slide Films 5, 12 & 13) & 6 acrylic sheets with slides (sheet 1: Film 5: slides 1-20, sheet 2: Film 5 slides 21-37, Sheet 3: Film 12 slides 1-20; sheet 4 Film 12 slides 21-37, sheet 5 Film 31 slides 1-20 & sheet 6 film 13 slides 21-35)

Number of item(s): 15

TERMS OF ENTRY:

IF ACCEPTED BY THE ACQUISITION AND DISPOSAL PANEL THE ITEM(S) DESCRIBED ABOVE WILL BE HELD, MANAGED AND CARED FOR BY:

Clifton Park Museum
Rotherham Archives and Local Studies Service
York and Lancaster Regimental Collection and Archive

I GIVE PERMISSION FOR ITEM(S) THAT ARE NOT ACCEPTED BY ACQUISITION AND DISPOSAL PANEL TO BE:

A) Transferred to another repository? Yes No B) Destroyed? Yes No

COPYRIGHT DECLARATION:

(Copyright law only applies to original dramatic, musical and artistic works, including photographs, as well as sound recordings and films. Please note the legal owner is not always the copyright holder. For more information see overleaf Terms and Conditions).

A) Are you the copyright holder of the item(s)? Yes No
B) If yes, do you agree to assign the copyright to the Museums, Arts and Heritage Service? Yes No
C) Or, do you give permission for the item(s) to be copied and reproduced in exhibitions, as well as for promotional and other purposes of the Museums, Arts and Heritage Service? Yes No
D) Please provide details of the copyright holder(s) if known:

CONSENT REQUIRED:	I AGREE THAT THE ABOVE INFORMATION CORRECT, AND I AM AUTHORISED TO GIFT THE ITEM(S) TO ROTHERHAM MUSEUMS, ARTS AND HERITAGE SERVICE OF ROTHERHAM METROPOLITAN BOROUGH COUNCIL. I, the owner or donor, have read and understood the overleaf Terms and Conditions. Rotherham Museums, Arts and Heritage Service agree to honour the overleaf Terms and Conditions.		
LEGAL OWNER/DONOR:	<i>Signature:</i>	<i>Print Name:</i>	<i>Date:</i>
MUSEUM REPRESENTATIVE:	<i>Signature:</i>	<i>Print Name:</i>	<i>Date:</i>
RETURN OF ITEMS:	I ACKNOWLEDGE THE RETURN OF THE ITEM(S) DESCRIBED ABOVE ARE IN A SATISFACTORY CONDITION.		
LEGAL OWNER/DONOR:	<i>Signature:</i>	<i>Print Name:</i>	<i>Date:</i>
MUSEUM REPRESENTATIVE:	<i>Signature:</i>	<i>Print Name:</i>	<i>Date:</i>

Rotherham Museum, Arts and Heritage Services Donation Form

Terms and Conditions

General

Rotherham Museum, Arts and Heritage Services will take the same care and precautions for the protection of the item(s) described overleaf, whilst they are in its custody as it does for those in its permanent collections. Except in the case of negligence on the part of itself, its officers or employees, the governing body does not accept liability for loss of, or damage to, or deterioration in, the item(s) described overleaf. No valuation indicated verbally or written on this form at the time of deposit will be admitted by the Service.

When item(s) are left with the Service (for whatever reason), the second (pink) part of the form will be given to the depositor as a receipt. This must be presented when the item(s) are returned to the owner or their representative. Both it and the Service file part of the form (white) will then be signed by the person receiving the item(s) to acknowledge their receipt in a satisfactory condition. The owner (or the owner's representative) and the Service will retain their respective parts of the form.

Acquisitions

Rotherham Museum, Arts and Heritage Services of Rotherham Metropolitan Borough Council (RMBC), has a Collections Development Policy (otherwise known as an Acquisitions & Disposals Policy), which limits those items which it may acquire. Not all offers of gifts or purchases can be taken up. The Acquisitions & Disposals panel meet each month and the item(s) will be presented and discussed. If the panel does not accept such an offer, the owner (or the person authorised to act on behalf of the owner) transfers will be advised in writing. In the event of items not being collected within 4 months of the date of this form, the governing body (RMBC) reserves the right to dispose of the item(s) as it thinks fit.

In the case of acquisition by the Services' governing body of the item(s) described overleaf by gift or sale, the owner (or the person authorised to act on behalf of the owner) transfers to the governing body absolute ownership of those items together with any rights of copyright or reproduction held by the owner in respect of those items. This is without condition, other than that the governing body will hold the items on trust for use by Rotherham Museum, Arts and Heritage Services for educational purposes to the public benefit. In the case of museum items, this is in accordance with those provisions of the Museum Accreditation Standard in force at the time of the gift.

It is mutually agreed unless specified by the legal owner or copyright holder, that Rotherham Museum, Arts and Heritage will have the right to photograph and film the item(s), and copyright of all such photographs and films shall be the property of Rotherham Museum, Arts and Heritage Service; and will have the right to use such photographs and films, or the item(s), for in exhibitions and promotional purposes online.

Special Conditions

If special conditions additional to the conditions above, are agreed between Rotherham Museum, Arts and Heritage Service of Rotherham Metropolitan Borough Council and the owner (or the person authorised to act on behalf of the owner), these should be recorded on a separate sheet, to which the owner/depositor and an authorised Rotherham Museum, Arts and Heritage Service's representative must both be signatories.

Data Protection

Personal data about Donors is collected for the purposes of providing a record of the provenance and history of donations and to confirm the ownership and legal status of the collections. To do this, we collect name, address and contact details which are stored together with details of records which you have deposited or transferred to the museum. The source of all the personal data we hold is the information provided by you when you donate item. This information will be kept permanently.

All personal data is held securely, both digitally and in paper form, and can only be accessed by authorised individuals:

https://www.rotherham.gov.uk/info/100004/council_and_democracy/1252/privacy_notice_right_to_be_informed

APPENDIX 5

Archive Listing: Archaeological Data Service

Project: Descriptive Buildings Record (Level 2) at TATA Swinden Technology Centre, Moorgate Road, Rotherham, South Yorkshire (20020675)

Site Report (PDF)

Excel Files x 3 (.xlsx): Drone Photo & Video Listing & Digital Photo Listing

Contact Sheets x 3 (PDF): Drone, Photographs/Slides & Digital Photos

Plans x 2 (PDF) – Block Plan (Fig. 2) & External & Internal Photograph Locations (Figs. 3-25)

Scanned Architects Drawings (JPEG) x 22 (BlockAElevations1950, BlockAFloorplans1949, BlockBElevations1950, BlockBFloorplans1950, BlockCElevations1949, BlockCFloorplans1949, BlockEFloorplanElevations1950, BlockFElevations1960, BlockFFloorplans1960, BlockGElevations1959, BlockHElevations1961, BlockHElevationsSections1961, BlockHFloorplans1961, BlockJElevationsSection1964, BlockJFloorplans1964, BlockL1stFloorplan1968, BlockQFloorplansElevations, CanteenFloorplanElevations1966, BlockREastWestElevations1987, BlockRNorthElevation1987 & BlockRSouthElevation1987

Scanned Black & White Photographs and Slides (JPG) x 478 (B&W Films: Swinden1_01-Swinden1_37, Swinden2_01-Swinden2_37, Swinden3_01-Swinden3_37, Swinden4_01-Swinden4_37, Swinden6_01-Swinden6_37, Swinden7_01-Swinden7_37 Swinden8_01-Swinden8_37 Swinden9_01-Swinden9_37, Swinden10_01-Swinden10_37 Swinden11_01-Swinden11_37 and Slides Swinden5_01-Swinden5_37, Swinden12_01-Swinden12_37 & Swinden13_01-Swinden13_35

Digital Photographs (JPG) x 394 (DSC_0493-DSC_0889)

Drone Photographs and Videos at TATA Swinden Technology Centre, Moorgate Road, Rotherham, South Yorkshire (20020694)

Drone Videos (MP4 files) x 12 video files (SwindenTech, Swinden_Block_A, Swinden_Block_B, Swinden_Block_C, Swinden_Block_D, Swinden_Block_G, Swinden_Block_H, Swinden_Block_J, Swinden_Block_K, Swinden_Block_L, Swinden_Block_Q & Swinden_Canteen).

Drone Photographs (JPG) x 266 images (DJI_0001-DJI_0280 & DJI_0973-DJI_0996)

Swinden House Technology Centre
Moorgate Road
Rotherham
South Yorkshire

SK 49353 88348
RB2020/1591
MAP 5-18-2021

WRITTEN SCHEME OF WORKS: HISTORIC BUILDING RECORD
(LEVEL II PHOTOGRAPHIC & DESCRIPTIVE RECORD)

CONTENTS	PAGE
Figure List	2
1. Introduction	3
2. Compliance	4
3. Site Description	5
4. Historical and Archaeological Background	6
5. Aims and Objectives	9
6. Methodology	9
7. Report Preparation	13
8. Archive	15
9. Copyright, Confidentiality and Publicity	16
10. Monitoring, Health and Safety and Insurance	16
11. Timetable and Staffing	17
12. References	18

Figure List

Page

- | | | |
|----|---|----|
| 1. | Site Location. Scale 1:25,000. | 5 |
| 2. | Site Layout and Blocks to be recorded. Scale 1:2,000. | 19 |

1 Introduction

1.1 This document is a Written Scheme of Works (WSI) for Level II Historic Building Recording, which sets out the details for recording work on the 20th century buildings at Swinden Technology Centre, Moorgate Road, Rotherham, South Yorkshire (Planning Application Refs. **RB2020/1591**). The Written Scheme of Works has been commissioned by Keepmoat Homes record of the buildings in advance of demolition. The Historic Building Recording shall be undertaken in a manner consistent with the Chartered Institute for Archaeologist's (CIfA) Standard and Guidance '*Standards and guidance for the archaeological investigation and recording of standing buildings or structures*' revised October 2020 and the Historic England's Guidelines '*Understanding Historic Buildings, A Guide to Good Recording Practice*', 2016, the MAP Site Recording Manual and the CIfA '*Code of Conduct*' 2014.

1.2 In accordance with the recommendations of the National Planning Policy Framework (February 2019) on 'Archaeology and Planning' states that the '*Local planning authorities ... require developers to record and advance understanding of the significance of any heritage assets to be lost (wholly or in part) in a manner proportionate to their importance and the impact, and to make this evidence (and any archive generated) publicly accessible*' (NPPF 2019, para 199, 56). The Historic Building Recording and Report will be undertaken to satisfy Draft Condition 33 on the Planning Consent (**RB2020/1591**), which states: -

Archaeology

33

Part A (pre-commencement)

No development, including any demolition and groundworks, shall take place until the applicant, or their agent or successor in title, has submitted a Written Scheme of Investigation (WSI) that sets out a strategy for archaeological investigation and this has been approved in writing by the Local Planning Authority. The WSI shall include:

- *A detailed photographic recording of the laboratory buildings, prior to demolition.*
- *The programme and method of site investigation and recording.*
- *The requirement to seek preservation in situ of identified features of importance.*
- *The programme for post-investigation assessment.*
- *The provision to be made for analysis and reporting.*
- *The provision to be made for publication and dissemination of the results.*
- *The provision to be made for deposition of the archive created.*
- *Nomination of a competent person/persons or organisation to undertake the works.*
- *The timetable for completion of all site investigation and post-investigation works.*

Part B (pre-occupation/use)

Thereafter the development shall only take place in accordance with the approved WSI and the development shall not be brought into use until the Local Planning Authority has confirmed in writing that the requirements of the WSI have been fulfilled or alternative timescales agreed.

Reason

To ensure that any archaeological remains present, whether buried or part of a standing building, are investigated and a proper understanding of their nature, date, extent and significance gained, before those remains are damaged or destroyed and that knowledge gained is then disseminated.

1.3 All maps within this report have been produced from the Ordnance Survey with the permission of the Controller of Her Majesty's Stationery Office, Crown Copyright. License No. AL 50453A.

2 Compliance

2.1 The Historic Building Recording shall be undertaken to a Level II Record in Section 5 of Historic England's Guidelines '*Understanding Historic Buildings, A Guide to Good Recording Practice*', 2016. All recording will be undertaken in accordance with the Chartered Institute for Archaeologist's (CIfA) Standard and Guidance '*Standards and guidance for the archaeological investigation and recording of standing buildings or structures*' revised December 2014, Historic England's Guidelines '*Understanding Historic Buildings, A Guide to Good Recording Practice*', 2016, MAP Site Recording Manual (revised 2018), the CIfA '*Code of Conduct*' and the '*Standards and guidance for archaeological watching briefs*' (December 2014). An Archaeological

Assessment and Building Appraisal has been undertaken by ECUS Environmental Consultants in December 2017 and the Historic Building Record for the Listed Buildings in July 2017 (Swinden House, Swinden House Lodge, Swinden House Stables, the Walled Garden and Sitwell House).

2.2 All relevant Historic England and ClfA guidance on archaeological practice must be followed.

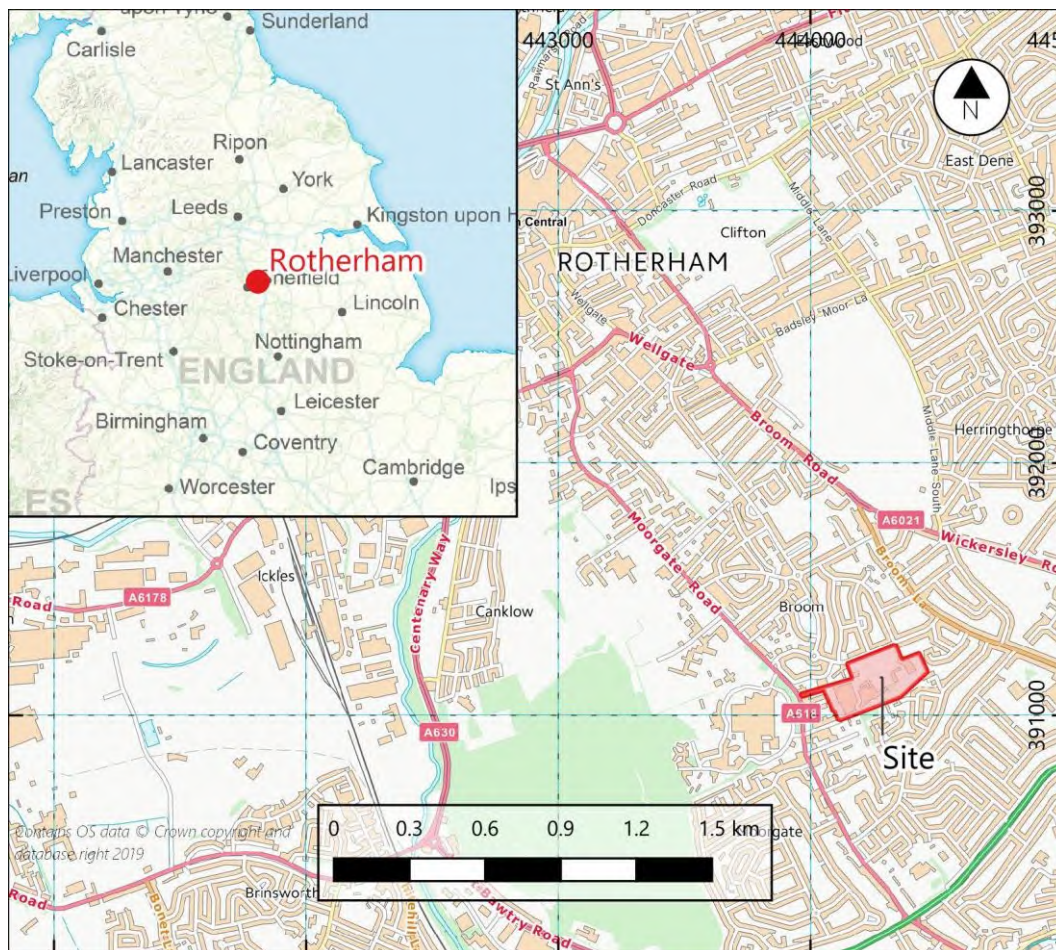


Figure 1. Site Location. Scale 1:25,000.

3. Site Description

3.1 Swinden Technology Centre is located in Rotherham, 2.5km south of Rotherham City Centre and 9.5 km north-east of Sheffield; on the east side

of Moorgate Road (Fig. 1); with recent residential development to the east, north and south and with Rotherham General Hospital on the west side of Moorgate Road.

- 3.2 The total area of the Proposed Development is 6.77 Ha; on land at heights between c. 97m AOD and 104m AOD. The site is accessed from Moorfield Road with an additional access from Beaconsfield Road.

4. Archaeological and Historical Background

- 4.1 Moorgate Road was turnpiked by an Act of Parliament in 1764 (www.turnpikes.org.uk). The turnpike's toll house and bar were depicted on Thomas Jeffery's 1772 map of Yorkshire. The 1854 First Edition Ordnance Survey map depicted enclosed regular narrow strips perpendicular to Moorgate and the turnpike toll house.

- 4.2 Between 1878 & 1880, large detached suburban dwellings were constructed known as Red House (now known as Swinden House) and Sitwell House.

- 4.3 After World War II, Red House was bought by United Steel Companies to house its research department. The buildings were retained. Construction was begun in 1949 and by 1951 two of the blocks were completed. The Red House was renamed Swinden House, in honour of the original research director of United Steels, Dr Thomas Swinden who had died in 1944.

- 4.4 The research facilities began construction in 1947 and initially comprised four blocks: -

- Block A :- a two storey high building for the creep-testing facility (high temperature progressing deformation test of materials at

constant stress), a mechanical testing facility, a fatigue testing facility, welding and an optical metallography laboratory.

- Block B :- a two storey high building for the Chemistry Section, the Refectories Section and x-ray crystallography laboratory.
- Block C :- a two storey high building for the Minerals and Maths sections, the drawing office and general offices for laboratory managers, development engineers, and the Furnace Design Group
- Block D :- a single storey building for the machine shop, heat treatment and steel store to one side, and experimental steelmaking, and furnace model labs on the other side.

4.5 Additional buildings were built between 1951 & the late 1980's, including:-

- Sitwell House was purchased in 1952 and used as a lecture room and by various departments
- An additional storey added to Block A in 1955 for offices.
- Block F was constructed in 1958 for the high-bay development laboratory planned to house furnace equipment.
- A Library Extension was added to the south of Swinden House and included a basement for storage and a Sports Pavilion erected in 1959
- Block D Extension along the southern side of D Block in 1960
- Block G constructed in 1961 adjacent to F Block, comprising a further highbay plant building and intended for Minerals and Ore Dressing work
- Dining Room Extension constructed to the east of Swinden House in 1961
- Block H constructed in 1964 for Development Engineering, Mathematics, Automatic Control, Electronics, Electrical Power, Rolling and Trackwork and Structures.

-
- Block J constructed in 1965 for air and water modelling for instrument development for Steelmaking and Fuel and Furnace research teams.
 - Block K constructed in 1966 for special instruments used by Physical Metallurgy (air conditioned darkened operating areas).
 - Staff Dining Room constructed in 1967 with the former dining room converted into a conference suite.
 - Block L constructed in 1969 for a high bay development laboratory with facilities for machinability and welding equipment, as well as extended test facilities for Trackwork and Structures.
 - Block Q was constructed in 1970 to accommodate a 1 million volt electron microscope. The building incorporated specially designed spring foundations to isolate it from surrounding vibration. The microscope was dismantled in the 1990s.
 - Block R was constructed in 1983 for two rolling mills of the Process Services department and a number of associated heating furnaces all relocated from Hoyle Street Laboratories in Sheffield.
 - Block G Extension constructed in 1989 to accommodate a new reversing rolling mill.

4.6 United Steel Companies were nationalised by the government in 1967 and became part of British Steel. British Steel was privatised in 1989 as British Steel PLC. Then, the Swinden Technology Centre became part of Corus Steel in 1999.

4.7 In 2002, English Heritage photographed the Swinden Technology Centre (42 images for Blocks A, B, C, D, F, G, H, J K, L & R including exterior, laboratories and processes).

4.8 In 2005, the National Metals Technology Centre (NAMTEC) moved to Swinden House Technology Centre. Corus became part of TATA Steel in 2007. In 2012, the NAMTEC moved to the University of Sheffield Advanced Manufacturing Research Centre (AMRC).

5. Aims and Objectives

5.1 The Objective of the Historic Building Recording is to record the mid to late 20th century buildings: -

- *Provide a photographic survey of all post 1947 laboratory and ancillary buildings*
- *Review the material held by the South Yorkshire Archaeology Service HER, Rotherham Archives and National Archives in Swindon.*
- *Record the laboratories and any in-situ industrial/scientific features*

5.2 The aim and scope of the recording work is to take general and detailed photographs all areas of the twelve buildings to locate and record surviving architectural, industrial and scientific features and facilities.

6. Methodology

6.1 The Proposed Development will demolish the laboratories and other 20th century buildings. Prior to the on-site recording work, the existing archive material will be assessed, including the photographic material from the National Archives and visits to Rotherham Archives and South Yorkshire Archaeology Service HER.

6.2 The Historic Building Recording will record the exterior and interior of all buildings before work commences. An archaeologist will record the exterior and the interior of all buildings and any prior to any construction work or

demolition commencing on site. The post 1947 structures recorded to a Level 2 (Historic England Guidance 2016, 26).

- Level 2 Record: a descriptive record comprising drawing, photography and written record of the exterior and interior of the outbuildings and pre-1948 structures. The examination of the building will produce an analysis of its development and use and the record will include the conclusions reached, but it will not discuss in detail the evidence on which this analysis is based.

6.3 Assessment of all internal and external features of historical or architectural interest shall be undertaken to a professional standard by fully trained and competent archaeologist. Each feature shall be place in its context within the present structure. All photographs will be taken on black and white 35mm archivally stable film (Ilford HP5) and supplemented by colour slide exposures (Fujifilm Provia 100F). High resolution digital photographs (20 megapixel or greater) shall be taken for the photographic record.

6.4 The photographic record will comprise:

- A full photographic register will be compiled including site code, date, photographic file number, location of shot, direction of the shot, and a brief description of the subject.
- A full archive record will be compiled of all drawings (plans, sections, elevations and mouldings) including type of drawing, scale, date and site code.
- A 35mm SLR camera with perspective shift lens will be used for all film recording using archivally stable Ilford HP5 film and colour side film (Kodak Ektachrome E100 as necessary).
- All films will be processed with the negatives and slides stored in archival quality sleeves and prints made at 7"x5" size and stored in

archival sleeves, each print marked in pencil with the film and negative reference and the full information of site, date, description, planning ref etc. on a printed label mounting on the exterior of the A4 sleeve.

- The digital camera used will have a minimum sensor size (APS-C) of 22mm by 15mm. All photographs will be taken in RAW format.
- The photographs will then be converted from RAW format to uncompressed TIFF at 8 bit. The resolution of digital photography should be no less than 300 dpi.
- Digital photographs must not be manipulated or altered prior to inclusion in a project archive.
- The building in the context of the immediate surrounding (i.e. the relationship to other buildings and structures)
- External elevations
- A general internal photographic record should be made of the building, including internal walls/subdivisions
- Details, e.g. windows, openings, doors and stairs and any other interesting features, fixtures or fittings. Where particular features such as windows or openings of a single type, occur more than once within the structure, only representative photographs need be taken.
- General views should be taken of each room/laboratory/space, and on each floor or discrete internal space, from a sufficient number of vantage points to adequately record the form, general appearance and method of construction of each area photographed; this may require ancillary lighting or flash equipment.
- Wherever possible photographs should be taken at right angles to the elevations or detail. A metric scale of an appropriate length will be used (preferably a 0.5m, 1m or 2m ranging pole as appropriate).

-
- Electronic flash and/or battery powered strip lights may be used for fill in lighting for the internal shots.

6.5 The Level 2 plans will use the existing architectural plans as a base and annotate details as sketches (Level 2) and measured plans (Level 2). A plan will identify each building and the level of recording. Floor plans shall be produced at a scale of 1:100. Section and elevation drawings will be drawn at a scale of 1:10 or 1:20. Mouldings will be drawn at a scale of 1:1. Floor plans should show the form and location of any structural features of historic significance, such as blocked doorways, windows and fireplaces, masonry joints, ceiling beams and other changes in floor and ceiling levels, and any evidence for fixtures of significance. Measured drawings should record the form or location of other significant structural detail. Measured cross-sections or long-sections should illustrate the vertical relationships within a building (for example floor and ceiling heights, the form of roof trusses). Measured drawings to show the form of any architectural decoration (for example the moulding profiles of door surrounds, beams, mullions and cornices) or small scale functional detail not easily captured by photography. A measured detail drawing is particularly valuable when the feature in question is an aid to dating. Measured elevations, where these are necessary to an understanding of the building's design, development or function. A site plan relating the building to other structures and to any related topographical and landscape features. A plan or plans identifying the location and direction of accompanying photographs. Copies of earlier drawings throwing light on the building's history. All drawings produced should comply with the Architectural Drawing Conventions as outlined in Chapter 7 of Understanding Historic Buildings: A Guide to Good Recording Practice (Historic England 2016, 35-57).

7. Report Preparation, Contents and Distribution

7.1 Upon completion of the building recording and watching brief, all records will be assessed, archive compiled, a report and an OASIS record produced.

7.2 A report will be prepared in accordance with: Items 1-5, 7-9, 11, 16-18, 20, 21-23 of Understanding Historic Buildings: A Guide to Good Recording Practice (Historic England, 2016), paragraph 6.4.12 of ClfA's Standard and guidance for the archaeological investigation and recording of standing buildings or structures; and, section 3.8 of Standard and guidance for an archaeological watching brief and to include the following:

- a) A non-technical summary of the results of the work, introduction and aims and objectives.
- b) An introduction which should include
 - the site code/project number
 - planning reference number
 - dates when fieldwork took place
 - grid reference
- c) An account of the methods and results of the Building Recording, describing materials, structure, development and phasing and include:
 - Basic dimensions and layout of the buildings and individual rooms/internal spaces
 - Building fabric and roof covering,
 - Structural detail and construction e.g. windows, openings, doors, decorative brickwork, carpentry joints, joists/roof structures, re-used timbers and any other interesting features, fixtures or fittings
 - Any observations on date, phasing, development and function of the building/s, including any fixtures and fittings,

- d) The written description should be cross-referenced to the photographic survey and individual images, and to an accurate scale plan of the buildings.
- e) The report figures should include: -
- A location map at a scale sufficient to allow clear identification of the site in relation to other buildings on in the immediate area.
 - An overall keyed plan of the site.
 - Phased plans, with features associated with particular phases readily distinguishable.
 - Any relevant historic map editions, with the position and extent of the site clearly indicated.
 - A complete set of site drawings completed to publication standard.
 - A complete set of building plans, on which position and direction of each photograph has been noted.
 - Any additional illustrations pertinent to the site.
- f) All plates should be captioning, by means of a running sequence of numbers (e.g. Plate no. 1; Plate no. 2), and it is this numbering system which should be used in cross-referencing throughout the report and on the photographic plans. However, the relevant original film and frame number should be included in brackets at the end of each caption. A maximum of two plates per side of A4.
- g) Appendices, as appropriate, including Detailed archive description and photographic record and location and destination, and a copy of the Written Scheme of Investigation
- h) References and bibliography of all sources used
- i) All final versions of the written report must include a copy of the relevant OASIS data collection form.

7.3 Copies of the final report will be submitted to the client, the South Yorkshire Archaeology Service (SYAS) HER within eight weeks of completion of

fieldwork, unless an extension is agreed with the SYAS Planning Archaeologist, and subject to any contractual requirements on confidentiality. The information content of the written report will become publicly accessible once deposited with the HER, unless confidentiality is explicitly requested, in which case it will become publicly accessible six months after deposit.

8. Archive

8.1 The historic building archive of the photographs will be deposited with the Clifton Park Museum, Rotherham. Archives should be submitted to the agreed repository within 150 working days of the submission of a project's final written report. All material originally created in digital form must be created and prepared for deposition according to recognised standards and guidelines such as those made available by the Archaeology Data Service (<http://guides.archaeologydataservice.ac.uk/>). In particular, file formats should be considered carefully (uncompressed TIFF at 8 bit).

8.2 The photographic archive should be accompanied by a short written summary providing brief details of the photographic survey, the equipment and methodology used, the name of the photographer and the date and duration of the photographic survey.

8.3 Metadata for each photo will include the name and address of the building, date recorded, photographer's name, and the site national grid reference.

8.4 A photographic register and photo location plan are required. The photographic register should (as a minimum) include location, direction and subject of shot must accompany the photographic record; a separate photographic register should be supplied for any colour slides and digital photographs. Position and direction of each photograph and slide should be

noted on a scaled copy of the building plan, which should also be marked with a north pointer and a scale.

9. Copyright, Confidentiality and Publicity

9.1 Unless the individual/organisation commissioning the project wishes to state otherwise, the copyright of any written, graphic or photographic records and reports rests with MAP Archaeological Practice Ltd. By depositing the written report, the historic environment contractor gives permission for the material presented within the document to be used by the SYAS, in perpetuity, although the historic environment contractor retains the right to be identified as the author of all project documentation and reports as specified in the Copyright, Designs and Patents Act 1988 (chapter IV, section 79). The permission will allow the SYAS to reproduce material, including for non-commercial use by third parties, with the copyright owner suitably acknowledged.

10 Monitoring, Health and Safety & Insurance

10.1 The on-site work will be monitored by SYAS, who have been consulted about the commencement of site works.

10.2 Health and safety will take priority over archaeological matters. Archaeologists undertaking fieldwork must observe safe working practices; the Health and Safety arrangements must be agreed and understood by all relevant parties before work commences. Risk assessments must be carried out and documented in accordance with Management of Health and Safety at Work Regulations 1992. The Contractor should determine whether this project is covered by Construction (Design and Management) Regulations 1994 and ensure that all requirements under the regulations are met. All archaeologists and visitors to site will comply with necessary precautions

regarding COVID-19 as outlined in the RAMS for the site and sign a declaration to declare they are not infectious, adhere to social distancing and approved safety measures.

10.3 Necessary precautions should be taken over underground services and overhead lines.

10.4 MAP Archaeological Practice Ltd will provide evidence of all necessary insurances, including Employer's Liability, Professional Liability and Public Liability Cover.

11. Timetable and Staffing

11.1 On site work to commence in August 2021. The historic environment contractor shall give no less than a weeks notice in writing of commencement of works to SYAS, and no works shall commence on site until the notice period has expired.

- Prior to the commencement of any work, the Historic Building Recording contractor must provide the SYAS in writing with:
- A projected timetable for the site work
- Details of project staff
- Details of any specialist sub-contractors

12. References

Chartered Institute for Archaeologists 2019 *Code of Conduct*

Chartered Institute for Archaeologists 2020 *Standard and Guidance for the Archaeological Recording of Buildings and Structures.*

Chartered Institute for Archaeologists 2020b *Standard and Guidance for the Creation, Compilation, Transfer and Deposition of Archaeological Archives.*

Historic England 2016 *Understanding Historic Buildings, A Guide to Good Recording Practice.*

Historic England 2015 *Management of Research Project in the Historic Environment: The MoRPHE Project Managers' Guide.*

National Planning Policy Framework February 2019

Walker, K., 1990. *Guidelines for the preparation of excavation archives for long-term storage*, Archaeology Section of the United Kingdom Institute for Conservation.