

Junction with Huxley Close



Church Road



Cycle infrastructure on Station Road/Cleveland Road



Cycle infrastructure on Station Road/Cleveland Road



The provision of cycling and walking amenities are well defined for the walking route from Hillingdon to Cowley. Footways run primarily along both sides of the carriageway, excluding sections of Church Road and Pield Heath Road to the south. The footway on one side of Church Road is reduced by green space and residential parking bollards. The foot width enables the path to remain accessible to all, but additional disruptions will reduce this width.

The crossing points are primarily dropped kerbs or ill-defined. Additional investment in key crossings will make the area accessible for all walks of life.

Table 3.17: Brunel Cycle Junction ATZ Case Study – Route 6

Observation	Healthy Streets Indicator	Recommendations
Clear cycle infrastructure, with dedicated lanes. This makes it noticeable for both pedestrians and vehicle movements	<i>Easy to cross</i> <i>People choose to walk and cycle</i> <i>Everyone feels welcome</i>	Highlight and promote infrastructure and connectivity more widely, if route is known, more people can utilise it
Tactile Paving between cycle lanes, accessible for pedestrians of all backgrounds		Add additional pedestrian crossing alongside cycle infrastructure.
No tactile crossing to other side of carriageway		



3.4 Future Network – design solutions and recommendations

The proposed walking and cycling provisions and improvements are in keeping with the Healthy Streets Principles and informed by the changes in site design. It is expected that the proposals within the design of Phase 1 and Phase 2 of the development will deliver a high-quality environment to help encourage active travel.

F. TRICs Residential Rates

07:00-08:00	7	262	0.001	7	262	0.001	7	262	0.002
08:00-09:00	7	262	0.002	7	262	0.002	7	262	0.004
09:00-10:00	7	262	0.002	7	262	0.002	7	262	0.004
10:00-11:00	7	262	0.001	7	262	0.001	7	262	0.002
11:00-12:00	7	262	0.002	7	262	0.002	7	262	0.004
12:00-13:00	7	262	0.001	7	262	0.002	7	262	0.003
13:00-14:00	7	262	0	7	262	0	7	262	0
14:00-15:00	7	262	0.001	7	262	0.001	7	262	0.002
15:00-16:00	7	262	0.003	7	262	0.003	7	262	0.006
16:00-17:00	7	262	0.002	7	262	0.003	7	262	0.005
17:00-18:00	7	262	0.002	7	262	0.001	7	262	0.003
18:00-19:00	7	262	0.002	7	262	0.002	7	262	0.004
19:00-20:00	7	262	0.004	7	262	0.005	7	262	0.009
20:00-21:00	7	262	0.005	7	262	0.005	7	262	0.01
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			0.028			0.03			0.058

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

Calculation Factor: 1 DWELLS

Count Type: OGVS

Time Range	ARRIVALS			DEPARTURES			TOTALS			327	
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate		
00:00-01:00										0	0
01:00-02:00										0	0
02:00-03:00										0	0
03:00-04:00										0	0
04:00-05:00										0	0
05:00-06:00										0	0
06:00-07:00										0	0
07:00-08:00	7	262	0.002	7	262	0.002	7	262	0.004	1	1
08:00-09:00	7	262	0.002	7	262	0.002	7	262	0.004	1	1
09:00-10:00	7	262	0.001	7	262	0.001	7	262	0.002	0	0
10:00-11:00	7	262	0.001	7	262	0.001	7	262	0.002	0	0
11:00-12:00	7	262	0.002	7	262	0.001	7	262	0.003	1	0
12:00-13:00	7	262	0.001	7	262	0.001	7	262	0.002	0	0
13:00-14:00	7	262	0.002	7	262	0.001	7	262	0.003	1	0
14:00-15:00	7	262	0.001	7	262	0.001	7	262	0.002	0	0
15:00-16:00	7	262	0.001	7	262	0.001	7	262	0.002	0	0
16:00-17:00	7	262	0	7	262	0	7	262	0	0	0
17:00-18:00	7	262	0	7	262	0	7	262	0	0	0
18:00-19:00	7	262	0.001	7	262	0.001	7	262	0.002	0	0
19:00-20:00	7	262	0	7	262	0	7	262	0	0	0
20:00-21:00	7	262	0.001	7	262	0.001	7	262	0.002	0	0
21:00-22:00										0	0
22:00-23:00										0	0
23:00-24:00										0	0
Daily Trip Rates:			0.015			0.013			0.028	5	4

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
Calculation Factor: 1 DWELLS
Count Type: CYCLISTS

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00									
06:00-07:00									
07:00-08:00	7	262	0.003	7	262	0.008	7	262	0.011
08:00-09:00	7	262	0.002	7	262	0.009	7	262	0.011
09:00-10:00	7	262	0.004	7	262	0.003	7	262	0.007
10:00-11:00	7	262	0.001	7	262	0.003	7	262	0.004
11:00-12:00	7	262	0.002	7	262	0.002	7	262	0.004
12:00-13:00	7	262	0.003	7	262	0.003	7	262	0.006
13:00-14:00	7	262	0.002	7	262	0.002	7	262	0.004
14:00-15:00	7	262	0.004	7	262	0.003	7	262	0.007
15:00-16:00	7	262	0.006	7	262	0.005	7	262	0.011
16:00-17:00	7	262	0.008	7	262	0.003	7	262	0.011
17:00-18:00	7	262	0.007	7	262	0.004	7	262	0.011
18:00-19:00	7	262	0.004	7	262	0.005	7	262	0.009
19:00-20:00	7	262	0.003	7	262	0.003	7	262	0.006
20:00-21:00	7	262	0.004	7	262	0.004	7	262	0.008
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			0.053			0.057			0.11

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
Calculation Factor: 1 DWELLS
Count Type: VEHICLE OCCUPANTS

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00									
06:00-07:00									
07:00-08:00	7	262	0.048	7	262	0.187	7	262	0.235
08:00-09:00	7	262	0.074	7	262	0.279	7	262	0.353
09:00-10:00	7	262	0.066	7	262	0.101	7	262	0.167

10:00-11:00	7	262	0.068	7	262	0.08	7	262	0.148
11:00-12:00	7	262	0.075	7	262	0.086	7	262	0.161
12:00-13:00	7	262	0.093	7	262	0.104	7	262	0.197
13:00-14:00	7	262	0.086	7	262	0.088	7	262	0.174
14:00-15:00	7	262	0.07	7	262	0.088	7	262	0.158
15:00-16:00	7	262	0.158	7	262	0.08	7	262	0.238
16:00-17:00	7	262	0.162	7	262	0.104	7	262	0.266
17:00-18:00	7	262	0.146	7	262	0.089	7	262	0.235
18:00-19:00	7	262	0.179	7	262	0.084	7	262	0.263
19:00-20:00	7	262	0.138	7	262	0.087	7	262	0.225
20:00-21:00	7	262	0.106	7	262	0.061	7	262	0.167
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			1.469			1.518			2.987

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

Calculation Factor: 1 DWELLS

Count Type: PEDESTRIANS

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00									
06:00-07:00									
07:00-08:00	7	262	0.014	7	262	0.061	7	262	0.075
08:00-09:00	7	262	0.038	7	262	0.142	7	262	0.18
09:00-10:00	7	262	0.038	7	262	0.042	7	262	0.08
10:00-11:00	7	262	0.025	7	262	0.029	7	262	0.054
11:00-12:00	7	262	0.026	7	262	0.034	7	262	0.06
12:00-13:00	7	262	0.028	7	262	0.038	7	262	0.066
13:00-14:00	7	262	0.039	7	262	0.032	7	262	0.071
14:00-15:00	7	262	0.043	7	262	0.046	7	262	0.089
15:00-16:00	7	262	0.124	7	262	0.067	7	262	0.191
16:00-17:00	7	262	0.074	7	262	0.043	7	262	0.117
17:00-18:00	7	262	0.067	7	262	0.053	7	262	0.12
18:00-19:00	7	262	0.063	7	262	0.047	7	262	0.11
19:00-20:00	7	262	0.053	7	262	0.042	7	262	0.095
20:00-21:00	7	262	0.051	7	262	0.04	7	262	0.091
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			0.683			0.716			1.399

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

Calculation Factor: 1 DWELLS

Count Type: PUBLIC TRANSPORT USERS

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS	
		Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00									
06:00-07:00									
07:00-08:00	7	262	0.001	7	262	0.129	7	262	0.13
08:00-09:00	7	262	0.008	7	262	0.14	7	262	0.148
09:00-10:00	7	262	0.013	7	262	0.049	7	262	0.062
10:00-11:00	7	262	0.009	7	262	0.029	7	262	0.038
11:00-12:00	7	262	0.014	7	262	0.022	7	262	0.036
12:00-13:00	7	262	0.014	7	262	0.028	7	262	0.042
13:00-14:00	7	262	0.02	7	262	0.022	7	262	0.042
14:00-15:00	7	262	0.027	7	262	0.035	7	262	0.062
15:00-16:00	7	262	0.068	7	262	0.027	7	262	0.095
16:00-17:00	7	262	0.076	7	262	0.025	7	262	0.101
17:00-18:00	7	262	0.067	7	262	0.02	7	262	0.087
18:00-19:00	7	262	0.089	7	262	0.015	7	262	0.104
19:00-20:00	7	262	0.073	7	262	0.011	7	262	0.084
20:00-21:00	7	262	0.048	7	262	0.003	7	262	0.051
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			0.527			0.555			1.082

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

Calculation Factor: 1 DWELLS

Count Type: TOTAL PEOPLE

Time Range	No. Days	ARRIVALS			DEPARTURES			TOTALS	
		Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00									
06:00-07:00									
07:00-08:00	7	262	0.065	7	262	0.384	7	262	0.449
08:00-09:00	7	262	0.122	7	262	0.569	7	262	0.691
09:00-10:00	7	262	0.121	7	262	0.194	7	262	0.315
10:00-11:00	7	262	0.103	7	262	0.14	7	262	0.243
11:00-12:00	7	262	0.117	7	262	0.143	7	262	0.26
12:00-13:00	7	262	0.137	7	262	0.173	7	262	0.31

13:00-14:00	7	262	0.146	7	262	0.144	7	262	0.29
14:00-15:00	7	262	0.144	7	262	0.172	7	262	0.316
15:00-16:00	7	262	0.356	7	262	0.179	7	262	0.535
16:00-17:00	7	262	0.32	7	262	0.176	7	262	0.496
17:00-18:00	7	262	0.286	7	262	0.166	7	262	0.452
18:00-19:00	7	262	0.335	7	262	0.152	7	262	0.487
19:00-20:00	7	262	0.267	7	262	0.143	7	262	0.41
20:00-21:00	7	262	0.209	7	262	0.108	7	262	0.317
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			2.728			2.843			5.571

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
Calculation Factor: 1 DWELLS
Count Type: CARS

Time Range	ARRIVALS			DEPARTURES			TOTALS		
	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00									
06:00-07:00									
07:00-08:00	7	262	0.026	7	262	0.11	7	262	0.136
08:00-09:00	7	262	0.05	7	262	0.153	7	262	0.203
09:00-10:00	7	262	0.047	7	262	0.061	7	262	0.108
10:00-11:00	7	262	0.043	7	262	0.053	7	262	0.096
11:00-12:00	7	262	0.046	7	262	0.054	7	262	0.1
12:00-13:00	7	262	0.055	7	262	0.064	7	262	0.119
13:00-14:00	7	262	0.051	7	262	0.053	7	262	0.104
14:00-15:00	7	262	0.044	7	262	0.059	7	262	0.103
15:00-16:00	7	262	0.085	7	262	0.057	7	262	0.142
16:00-17:00	7	262	0.082	7	262	0.063	7	262	0.145
17:00-18:00	7	262	0.101	7	262	0.066	7	262	0.167
18:00-19:00	7	262	0.116	7	262	0.055	7	262	0.171
19:00-20:00	7	262	0.092	7	262	0.057	7	262	0.149
20:00-21:00	7	262	0.07	7	262	0.043	7	262	0.113
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			0.908			0.948			1.856

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING
Calculation Factor: 1 DWELLS
Count Type: LGVS

No. Time Range	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate			
00:00-01:00									0	0	
01:00-02:00									0	0	
02:00-03:00									0	0	
03:00-04:00									0	0	
04:00-05:00									0	0	
05:00-06:00									0	0	
06:00-07:00									0	0	
07:00-08:00	7	262	0.007	7	262	0.009	7	262	0.016	2	3
08:00-09:00	7	262	0.007	7	262	0.008	7	262	0.015	2	3
09:00-10:00	7	262	0.008	7	262	0.01	7	262	0.018	3	3
10:00-11:00	7	262	0.011	7	262	0.008	7	262	0.019	4	3
11:00-12:00	7	262	0.01	7	262	0.009	7	262	0.019	3	3
12:00-13:00	7	262	0.013	7	262	0.015	7	262	0.028	4	5
13:00-14:00	7	262	0.016	7	262	0.016	7	262	0.032	5	5
14:00-15:00	7	262	0.008	7	262	0.01	7	262	0.018	3	3
15:00-16:00	7	262	0.009	7	262	0.007	7	262	0.016	3	2
16:00-17:00	7	262	0.01	7	262	0.011	7	262	0.021	3	4
17:00-18:00	7	262	0.003	7	262	0.004	7	262	0.007	1	1
18:00-19:00	7	262	0.007	7	262	0.005	7	262	0.012	2	2
19:00-20:00	7	262	0.007	7	262	0.005	7	262	0.012	2	2
20:00-21:00	7	262	0.003	7	262	0.003	7	262	0.006	1	1
21:00-22:00									0	0	
22:00-23:00									0	0	
23:00-24:00									0	0	
Daily Trip Rates:		0.119			0.12			0.239	39	39	

TRIP RATE for Land Use 03 - RESIDENTIAL/M - MIXED PRIVATE/AFFORDABLE HOUSING

Calculation Factor: 1 DWELLS

Count Type: MOTOR CYCLES

No. Time Range	ARRIVALS			DEPARTURES			TOTALS		
	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	No. Days	Ave. DWELLS	Trip Rate	
00:00-01:00									
01:00-02:00									
02:00-03:00									
03:00-04:00									
04:00-05:00									
05:00-06:00									
06:00-07:00									
07:00-08:00	7	262	0.001	7	262	0.002	7	262	0.003
08:00-09:00	7	262	0.001	7	262	0.001	7	262	0.002
09:00-10:00	7	262	0.001	7	262	0.002	7	262	0.003
10:00-11:00	7	262	0.001	7	262	0	7	262	0.001
11:00-12:00	7	262	0.001	7	262	0.001	7	262	0.002
12:00-13:00	7	262	0	7	262	0.001	7	262	0.001
13:00-14:00	7	262	0.002	7	262	0.001	7	262	0.003
14:00-15:00	7	262	0.002	7	262	0.002	7	262	0.004
15:00-16:00	7	262	0.003	7	262	0.001	7	262	0.004

16:00-17:00	7	262	0.003	7	262	0.002	7	262	0.005
17:00-18:00	7	262	0.002	7	262	0.003	7	262	0.005
18:00-19:00	7	262	0.005	7	262	0.003	7	262	0.008
19:00-20:00	7	262	0.004	7	262	0.004	7	262	0.008
20:00-21:00	7	262	0.002	7	262	0.002	7	262	0.004
21:00-22:00									
22:00-23:00									
23:00-24:00									
Daily Trip Rates:			0.028			0.025			0.053

G. Combined Multimodal Trip Generation for the Hospital and Residential Development

Table G.1: Combined Arrival Trips (Residential and Scenario 1)

Time Period	Time period %	Total	Walk	Cycle	Car Driver	Car Passenger	Bus	Taxi	Ambulance (Emergency)	Ambulance (PTS)	LGV	HGV	Rail Users
			11%	1%	47%	20%	17%	2%	1%	1%	1%	0%	0%
24-hour	100%	10,000	1,143	72	4,682	1,966	1,655	182	85	60	133	21	-
00:00-00:59	0%	29	-	-	17	8	-	1	3	-	-	-	-
01:00-01:59	0%	22	-	-	12	6	-	1	3	-	-	-	-
02:00-02:59	0%	21	-	-	13	5	-	1	2	-	-	-	-
03:00-03:59	0%	17	-	-	9	5	-	-	2	-	1	-	-
04:00-04:59	0%	17	-	-	11	6	-	-	-	-	-	-	-
05:00-05:59	0%	43	-	-	26	4	-	-	2	-	10	1	-
06:00-06:59	2%	200	19	4	88	45	35	2	2	-	4	1	-
07:00-07:59	12%	1,173	151	16	486	267	215	18	3	8	8	2	-
08:00-08:59	13%	1,279	163	14	536	294	228	22	4	10	7	2	-
09:00-09:59	7%	693	81	5	301	156	111	13	4	6	14	2	-
10:00-10:59	6%	605	63	2	264	143	92	13	4	6	15	2	-
11:00-11:59	6%	563	58	2	250	131	86	12	4	5	14	3	-
12:00-12:59	6%	592	63	3	277	126	92	12	4	4	10	1	-
13:00-13:59	6%	643	72	2	310	117	104	13	4	4	15	3	-
14:00-14:59	6%	647	75	3	309	120	108	13	5	4	8	1	-
15:00-15:59	7%	700	99	3	331	114	118	13	5	4	11	1	-
16:00-16:59	6%	619	75	5	302	100	108	11	5	3	8	1	-
17:00-17:59	6%	554	67	3	278	89	96	10	5	3	2	-	-
18:00-18:59	6%	563	64	2	285	88	102	10	5	3	3	0	-
19:00-19:59	4%	448	44	5	254	53	80	7	4	-	1	-	-
20:00-20:59	3%	347	40	3	196	39	59	5	4	-	1	0	-
21:00-21:59	1%	144	10	-	82	25	19	3	4	-	1	-	-
22:00-22:59	0%	48	-	-	27	14	2	1	4	-	-	-	-
23:00-23:59	0%	32	-	-	17	11	-	1	3	-	-	-	-

Table G.2: Combined Departure Trips (Residential and Scenario 1)

Time Period	Time period %	Total	Walk	Cycle	Car Driver	Car Passenger	Bus	Taxi	Ambulance (Emergency)	Ambulance (PTS)	LGV	HGV	Rail Users
			11%	1%	46%	20%	17%	2%	1%	1%	1%	0%	0%
24-hour	100%	10,079	1,158	65	4,676	2,027	1,671	181	85	62	135	19	-
00:00-00:59	0%	33	-	-	19	10	-	1	3	-	-	-	-
01:00-01:59	0%	27	-	-	14	9	-	1	3	-	-	-	-
02:00-02:59	0%	21	-	-	12	7	-	-	2	-	-	-	-
03:00-03:59	0%	18	-	-	9	7	-	-	2	-	-	-	-
04:00-04:59	0%	17	-	-	11	6	-	-	-	-	-	-	-
05:00-05:59	0%	38	-	-	18	7	-	-	2	-	10	1	-
06:00-06:59	0%	50	4	-	21	13	6	1	2	-	3	-	-
07:00-07:59	5%	511	64	6	217	92	110	7	3	4	7	2	-
08:00-08:59	7%	733	104	6	324	130	136	11	4	5	11	2	-
09:00-09:59	8%	812	89	4	352	184	138	16	4	7	15	2	-
10:00-10:59	6%	651	67	2	287	150	105	14	4	6	14	2	-
11:00-11:59	6%	615	65	2	270	144	98	13	4	6	11	1	-
12:00-12:59	6%	637	70	3	277	145	103	13	4	6	14	2	-
13:00-13:59	6%	623	69	3	281	131	101	12	4	5	15	2	-
14:00-14:59	7%	727	85	3	340	141	126	14	5	5	7	1	-
15:00-15:59	8%	790	101	6	357	157	133	14	5	5	11	1	-
16:00-16:59	9%	943	117	10	419	201	162	15	5	4	8	1	-
17:00-17:59	8%	830	108	10	369	177	141	13	5	3	3	-	-
18:00-18:59	6%	610	76	6	302	107	99	11	5	3	2	0	-
19:00-19:59	5%	554	64	2	289	92	90	10	4	3	1	-	-
20:00-20:59	4%	402	47	3	230	49	61	6	4	-	1	0	-
21:00-21:59	3%	260	20	-	153	34	42	5	4	-	2	-	-
22:00-22:59	1%	141	9	-	84	21	20	3	4	-	-	-	-

Table G.3: Combined Total Trips (Residential and Scenario 1)

Time Period	Time period %	Total	Walk	Cycle	Car Driver	Car Passenger	Bus	Taxi	Ambulance (Emergency)	Ambulance (PTS)	LGV	HGV	Rail Users
			11%	1%	47%	20%	17%	2%	1%	1%	1%	0%	0%
24-hour	100%	20,093	2,302	137	9,359	3,994	3,325	363	167	122	268	44	12
00:00-00:59	0%	61	-	-	36	18	-	1	6	-	-	-	-
01:00-01:59	0%	47	-	-	26	15	-	1	5	-	-	-	-
02:00-02:59	0%	43	-	-	25	12	-	1	5	-	-	-	-
03:00-03:59	0%	36	-	-	18	12	-	1	4	-	1	-	-
04:00-04:59	0%	37	-	-	23	13	-	1	-	-	-	-	-
05:00-05:59	0%	84	-	-	44	12	-	1	4	-	20	3	-
06:00-06:59	1%	251	23	5	109	58	41	3	4	-	7	1	-
07:00-07:59	8%	1,684	215	22	704	359	325	25	5	12	15	3	-
08:00-08:59	10%	2,014	266	20	860	424	365	33	9	15	18	3	-
09:00-09:59	8%	1,508	169	9	654	340	249	29	8	13	30	5	1
10:00-10:59	6%	1,254	129	4	552	292	197	26	8	12	29	5	1
11:00-11:59	6%	1,180	124	3	520	275	184	25	8	11	25	4	1
12:00-12:59	6%	1,233	134	6	554	271	196	24	9	10	25	4	1
13:00-13:59	6%	1,268	139	4	591	248	205	25	9	9	31	5	1
14:00-14:59	7%	1,374	160	6	649	261	233	27	9	9	15	3	1
15:00-15:59	7%	1,489	200	8	688	271	251	27	9	9	22	4	1
16:00-16:59	8%	1,561	193	15	721	302	269	26	10	8	15	2	1
17:00-17:59	7%	1,384	176	14	648	266	238	23	9	6	4	1	1
18:00-18:59	6%	1,173	139	8	587	195	201	21	10	5	4	2	1
19:00-19:59	5%	1,000	107	7	542	144	169	17	8	3	2	-	1
20:00-20:59	4%	748	87	6	426	88	119	12	7	-	2	1	1
21:00-21:59	2%	405	30	1	235	59	61	8	8	-	3	-	-
22:00-22:59	1%	187	9	-	111	35	21	4	7	-	-	-	-
23:00-23:59	0%	70	1	-	36	24	1	2	6	-	-	-	-

Table G.4: Combined Arrival Trips (Residential and Scenario 2)

Time Period	Time period %	Total	Walk	Cycle	Car Driver	Car Passenger	Bus	Taxi	Ambulance (Emergency)	Ambulance (PTS)	LGV	HGV	Rail Users
			12%	1%	46%	20%	17%	2%	1%	1%	1%	0%	0%
24-hour	100%	10,001	1,191	99	4,569	1,991	1,678	173	85	60	133	21	-
00:00-00:59	0%	29	-	-	17	8	-	1	3	-	-	-	-
01:00-01:59	0%	22	-	-	12	6	-	1	3	-	-	-	-
02:00-02:59	0%	21	-	-	13	5	-	1	2	-	-	-	-
03:00-03:59	0%	17	-	-	9	5	-	-	2	-	1	-	-
04:00-04:59	0%	17	-	-	11	6	-	-	-	-	-	-	-
05:00-05:59	0%	43	-	-	26	4	-	-	2	-	10	1	-
06:00-06:59	2%	200	19	3	98	46	26	1	2	-	4	1	-
07:00-07:59	12%	1,173	161	26	453	272	226	15	3	8	8	2	-
08:00-08:59	13%	1,279	172	23	507	298	238	19	4	10	7	2	-
09:00-09:59	7%	694	83	7	294	157	114	13	4	6	14	2	-
10:00-10:59	6%	604	63	2	263	142	93	13	4	6	15	2	-
11:00-11:59	6%	565	59	3	250	130	87	12	4	5	14	3	-
12:00-12:59	6%	594	65	5	276	124	94	11	4	4	10	1	-
13:00-13:59	6%	644	72	3	310	117	104	13	4	4	15	3	-
14:00-14:59	6%	647	76	3	308	119	109	13	5	4	8	1	-
15:00-15:59	7%	698	99	3	330	113	118	13	5	4	11	1	-
16:00-16:59	6%	619	76	5	301	99	109	11	5	3	8	1	-
17:00-17:59	6%	555	67	3	278	89	97	10	5	3	2	-	-
18:00-18:59	6%	563	66	3	282	88	102	10	5	3	3	0	-
19:00-19:59	4%	445	57	7	222	66	82	6	4	-	1	-	-
20:00-20:59	3%	347	46	3	184	44	60	5	4	-	1	0	-
21:00-21:59	1%	145	11	-	80	28	18	3	4	-	1	-	-
22:00-22:59	0%	47	-	-	27	14	1	1	4	-	-	-	-
23:00-23:59	0%	32	-	-	17	11	-	1	3	-	-	-	-

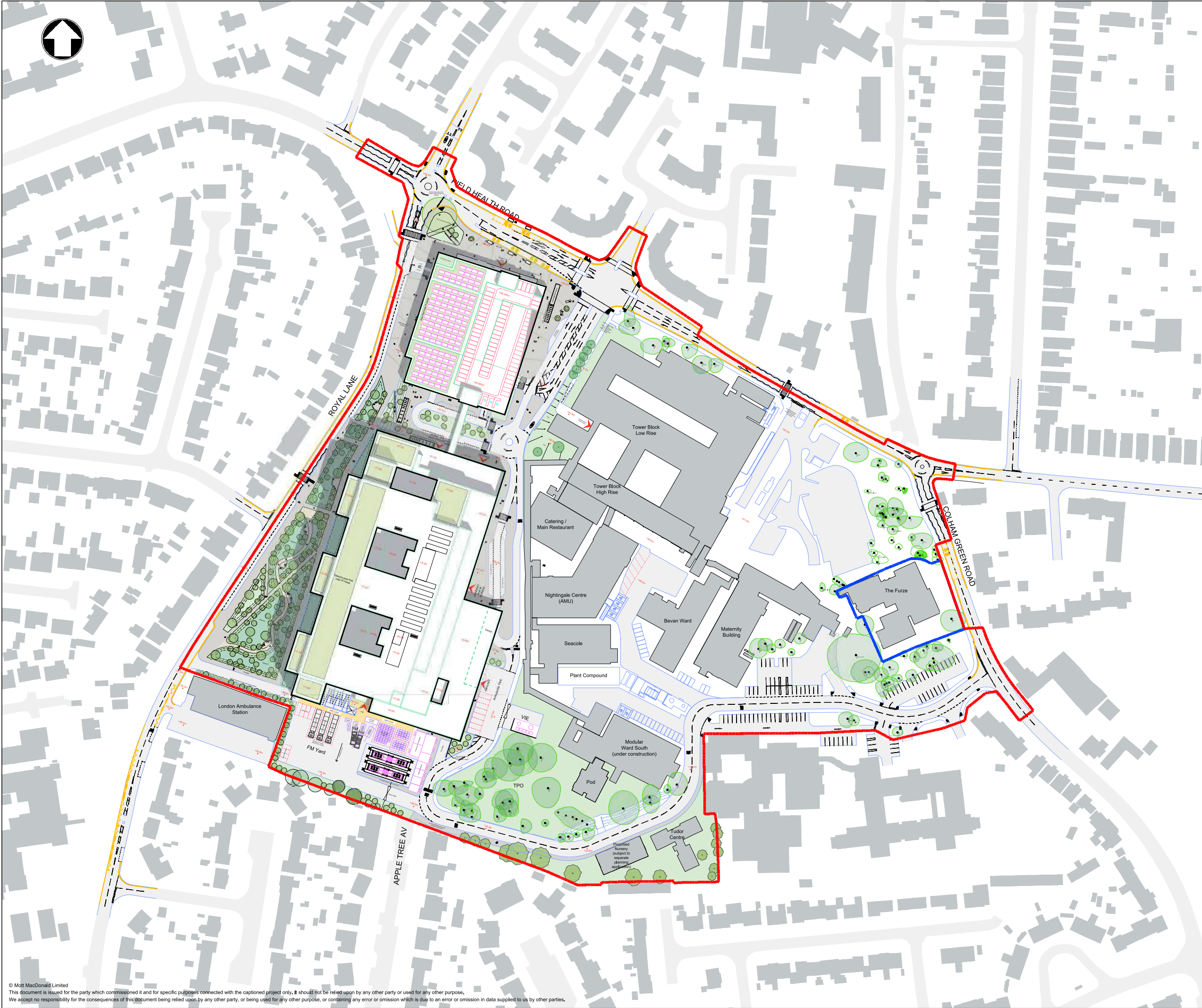
Table G.5: Combined Departure Trips (Residential and Scenario 2)

Time Period	Time period %	Total	Walk	Cycle	Car Driver	Car Passenger	Bus	Taxi	Ambulance (Emergency)	Ambulance (PTS)	LGV	HGV	Rail Users
			12%	1%	45%	20%	17%	2%	1%	1%	1%	0%	0%
24-hour	100%	10,083	1,203	104	4,559	2,044	1,703	169	85	62	135	19	-
00:00-00:59	0%	33	-	-	19	10	-	1	3	-	-	-	-
01:00-01:59	0%	27	-	-	14	9	-	1	3	-	-	-	-
02:00-02:59	0%	21	-	-	12	7	-	-	2	-	-	-	-
03:00-03:59	0%	18	-	-	9	7	-	-	2	-	-	-	-
04:00-04:59	0%	17	-	-	11	6	-	-	-	-	-	-	-
05:00-05:59	0%	38	-	-	18	7	-	-	2	-	10	1	-
06:00-06:59	1%	51	4	-	21	14	6	1	2	-	3	-	-
07:00-07:59	5%	512	66	8	211	93	113	6	3	4	7	2	-
08:00-08:59	7%	734	106	8	318	131	139	10	4	5	11	2	-
09:00-09:59	8%	813	91	6	347	185	140	15	4	7	15	2	-
10:00-10:59	6%	651	67	3	287	149	106	13	4	6	14	2	-
11:00-11:59	6%	616	66	3	269	143	99	13	4	6	11	1	-
12:00-12:59	6%	638	72	4	276	143	105	12	4	6	14	2	-
13:00-13:59	6%	623	70	4	280	129	102	12	4	5	15	2	-
14:00-14:59	7%	727	86	5	338	138	128	14	5	5	7	1	-
15:00-15:59	8%	789	103	9	353	153	136	13	5	5	11	1	-
16:00-16:59	9%	943	123	17	411	192	168	13	5	4	8	1	-
17:00-17:59	8%	830	114	16	361	168	148	11	5	3	3	-	-
18:00-18:59	6%	610	78	8	288	115	102	10	5	3	2	0	-
19:00-19:59	5%	553	69	5	268	103	91	10	4	3	1	-	-
20:00-20:59	4%	401	56	8	195	68	63	5	4	-	1	0	-
21:00-21:59	3%	261	24	1	145	40	40	5	4	-	2	-	-
22:00-22:59	1%	141	9	-	87	21	17	3	4	-	-	-	-
23:00-23:59	0%	37	-	-	19	13	1	1	3	-	-	-	-

Table G.6: Combined Total Trips (Residential and Scenario 2)

Time Period	Time period %	Total	Walk	Cycle	Car Driver	Car Passenger	Bus	Taxi	Ambulance (Emergency)	Ambulance (PTS)	LGV	HGV	Rail Users
			12%	1%	45%	20%	17%	2%	1%	1%	1%	0%	0%
24-hour	100%	20,098	2,396	201	9,124	4,038	3,383	343	167	122	268	44	12
00:00-00:59	0%	61	-	-	36	18	-	1	6	-	-	-	-
01:00-01:59	0%	47	-	-	26	15	-	1	5	-	-	-	-
02:00-02:59	0%	43	-	-	25	12	-	1	5	-	-	-	-
03:00-03:59	0%	36	-	-	18	12	-	1	4	-	1	-	-
04:00-04:59	0%	37	-	-	23	13	-	1	-	-	-	-	-
05:00-05:59	0%	84	-	-	44	12	-	1	4	-	20	3	-
06:00-06:59	1%	251	23	3	119	60	32	2	4	-	7	1	-
07:00-07:59	8%	1,684	227	34	664	365	339	21	5	12	15	3	-
08:00-08:59	10%	2,014	277	31	825	429	377	29	9	15	18	3	-
09:00-09:59	8%	1,509	173	13	641	342	254	28	8	13	30	5	1
10:00-10:59	6%	1,255	131	5	550	290	199	26	8	12	29	5	1
11:00-11:59	6%	1,180	125	5	519	273	185	24	8	11	25	4	1
12:00-12:59	6%	1,233	136	9	551	267	198	24	9	10	25	4	1
13:00-13:59	6%	1,270	141	6	589	246	207	25	9	9	31	5	1
14:00-14:59	7%	1,373	162	8	646	257	236	26	9	9	15	3	1
15:00-15:59	7%	1,490	203	11	684	267	255	26	9	9	22	4	1
16:00-16:59	8%	1,561	200	22	712	291	277	24	10	8	15	2	1
17:00-17:59	7%	1,383	182	20	639	257	245	21	9	6	4	1	1
18:00-18:59	6%	1,172	143	10	570	203	204	20	10	5	4	2	1
19:00-19:59	5%	1,000	126	12	489	169	174	16	8	3	2	-	1
20:00-20:59	4%	749	101	12	379	113	123	11	7	-	2	1	1
21:00-21:59	2%	406	35	1	225	68	58	8	8	-	3	-	-
22:00-22:59	1%	188	9	-	114	35	19	4	7	-	-	-	-
23:00-23:59	0%	70	1	-	36	24	1	2	6	-	-	-	-

H. Concept Design Drawings



Notes

Key to symbols

Reference drawings

1. Phase 1 Main Access/Peild Heath/Royal Lane - THHR_01-MMD-XX-XX-DR-U-1001

2. Phase 1 Service Yard/Ambulance/A&E Drop Off - THHR_01-MMD-XX-XX-DR-U-1002

3. Phase 1 Service Access Road/Colham Green Road - THHR_01-MMD-XX-XX-DR-U-1003

4. SITE PLAN AS PROPOSED-WITH EXISTING HOSPITAL PRESENT THHR_01-IBI-XX-XX-DR-A-100002

C01	25.05.22	AM	Published for planning submission	MF	MS
P03	26.04.22	AM	Third Issue-Status Amended	MF	MS
P02	21.04.22	AM	Second Issue	MF	MS
P01	22.02.22	MSD	First Issue	JB	MS
Rev	Date	Drawn	Description	Ch'k'd	App'd

M

MOTT MACDONALD

Ground floor

Royal Liver Building

Liverpool

L3 1JH

United Kingdom

T +44 (0)151 482 9910

F +44 (0)151 236 2985

W mottmac.com

Client

NHS

The Hillingdon Hospitals

NHS Foundation Trust

Title

Hillingdon Hospital Redevelopment

Access Arrangement

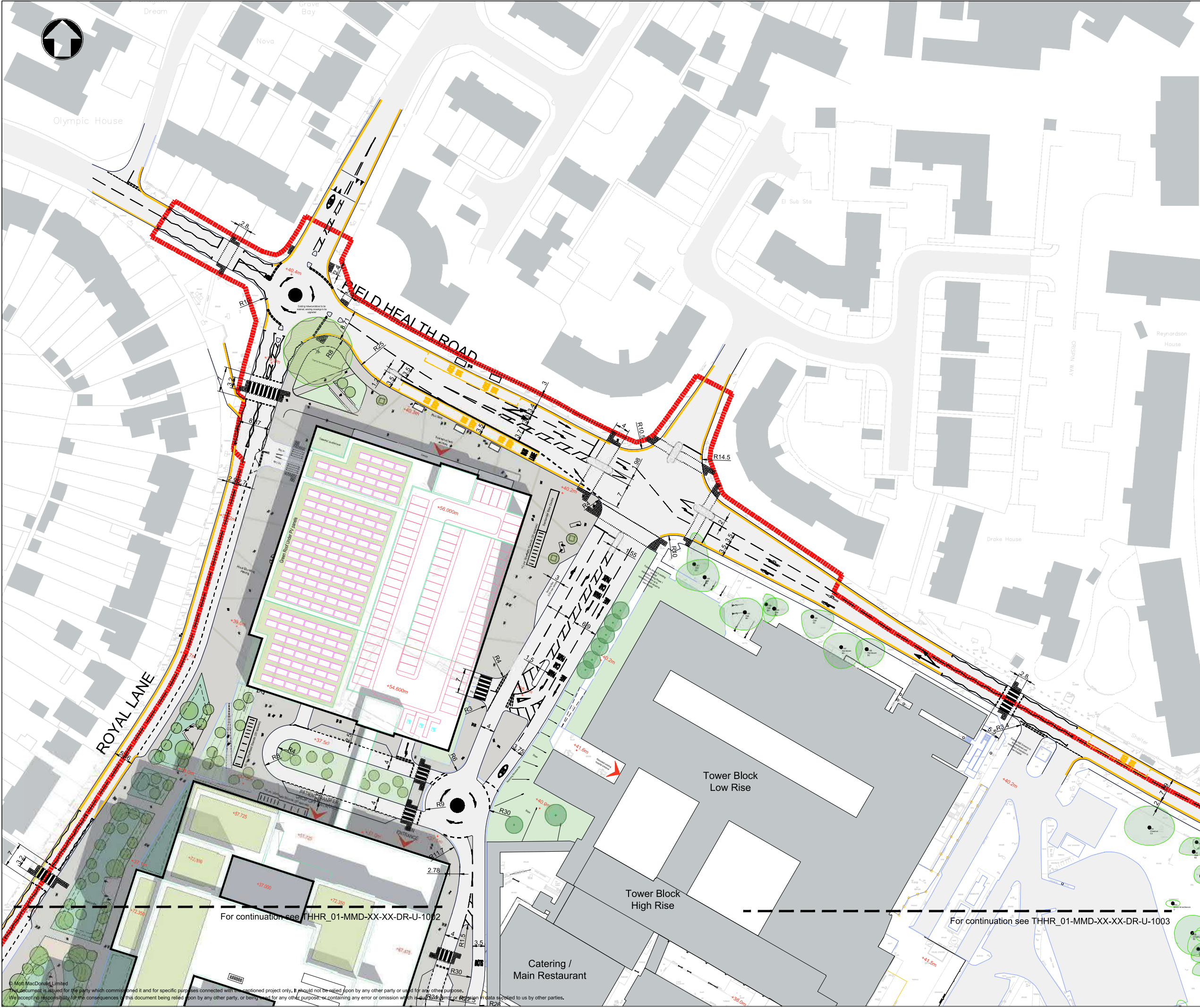
Phase 1

General Arrangement

Designed	M S Davies	MSD	Eng check	J Burkin	JB
Drawn	M S Davies	MSD	Coordination		
Dwg check	J Burkin	JB	Approved	M Staniland	MS
Scale at A1	1:1000	Status	A2	Rev	C01
				Security	STD

Drawing Number

THHR_01-MMD-XX-XX-DR-U-1000



Notes

Key to symbols

Reference drawings

1. Phase 1 General Arrangement - THHR_01-MMD-XX-XX-DR-U-1000

2. Phase 1 Service Yard/Ambulance/A&E Drop Off - THHR_01-MMD-XX-XX-DR-U-1002

3. Phase 1 Service Access Road/Colham Green Road - THHR_01-MMD-XX-XX-DR-U-1003

4. SITE PLAN AS PROPOSED-WITH EXISTING HOSPITAL PRESENT THHR_01-IBI-XX-XX-DR-A-100002

C01	25.05.22	AM	Published for planning submission	MF	MS
P03	26.04.22	AM	Third Issue-Status Amended	MF	MS
P02	21.04.22	AM	Second Issue	MF	MS
P01	22.02.22	MSD	First Issue	JB	MS
Rev	Date	Drawn	Description	Ch'k'd	App'd

M

MOTT MACDONALD

Ground floor
Royal Liver Building
Liverpool
L3 1JH
United Kingdom
T +44 (0)151 482 9910
F +44 (0)151 236 2985
W mottmac.com

Client

Title

Hillingdon Hospital Redevelopment
Access Arrangement
Phase 1 - Main Access
Field Heath Road/Royal Lane

Designed	M S Davies	MSD	Eng check	J Burkin	JB
Drawn	M S Davies	MSD	Coordination		
Dwg check	J Burkin	JB	Approved	M Staniland	MS
Scale at A1	Status	Rev	Security		
1:500	A2	C01	STD		

Drawing Number

THHR_01-MMD-XX-XX-DR-U-1001