Proposed Development v Baseline Scenario

15.1.1 Site Plan & 3D Views

15.1.2 Daylight Distribution Contours

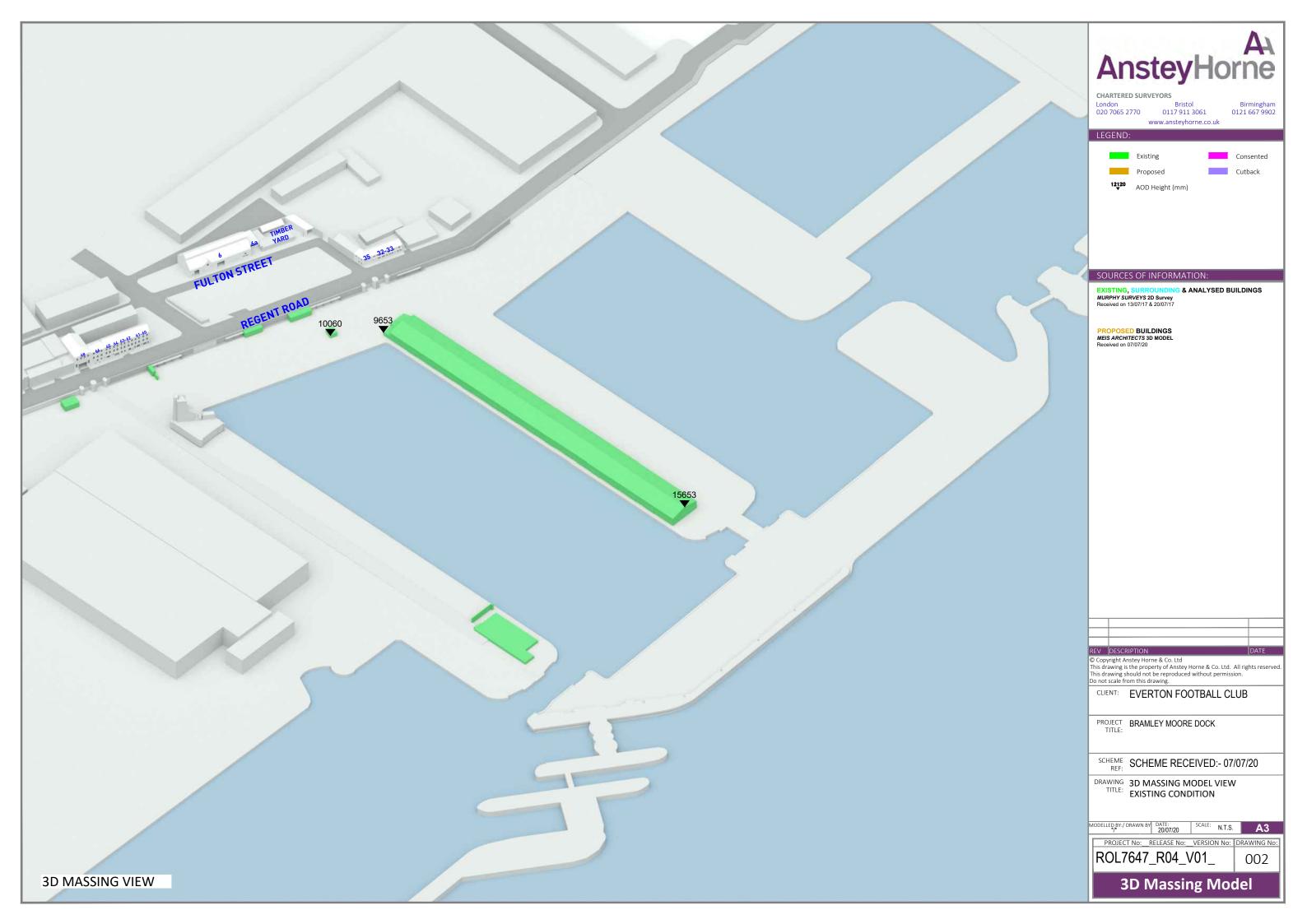
15.1.3 VSC Results

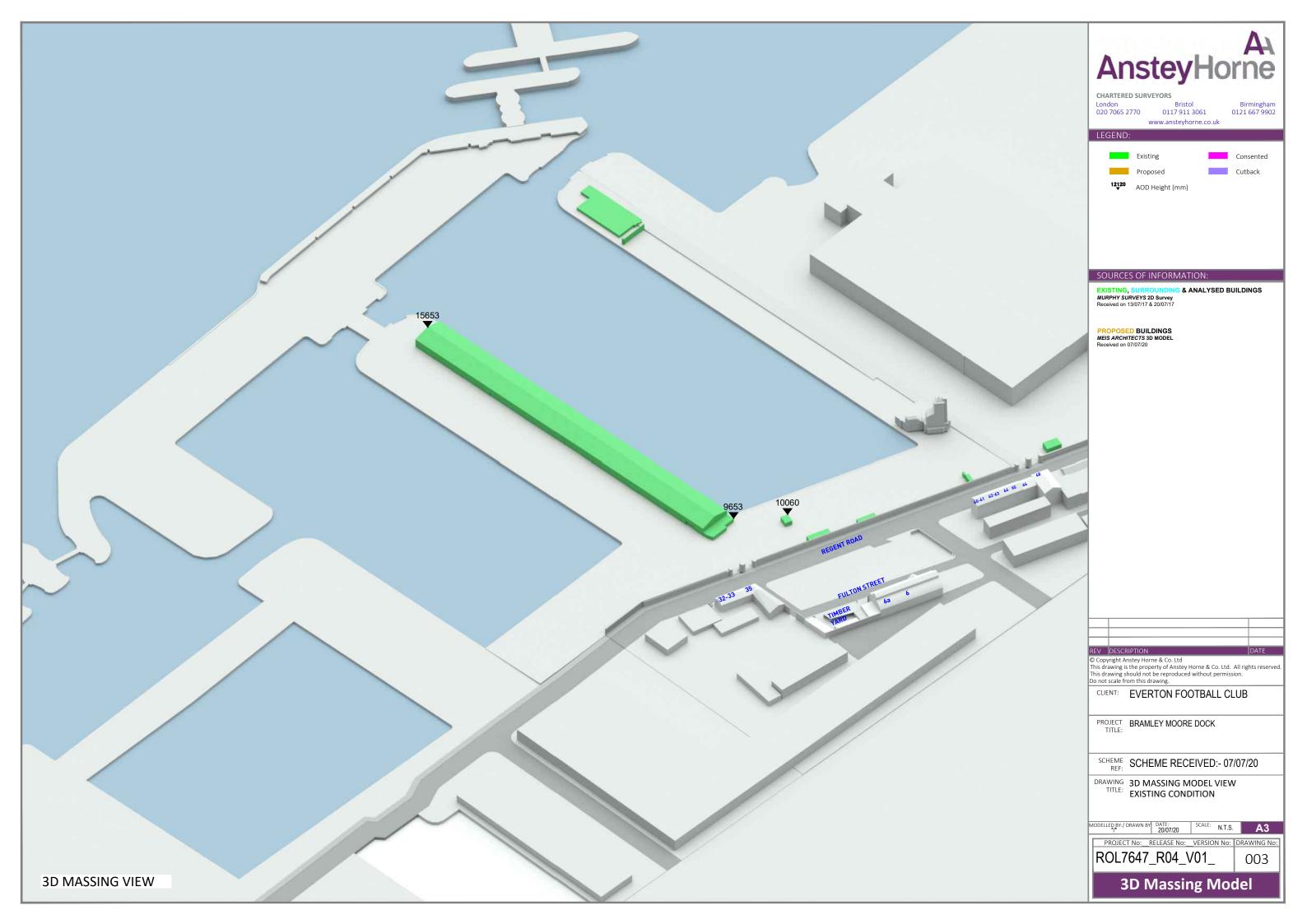
15.1.4 DD Results

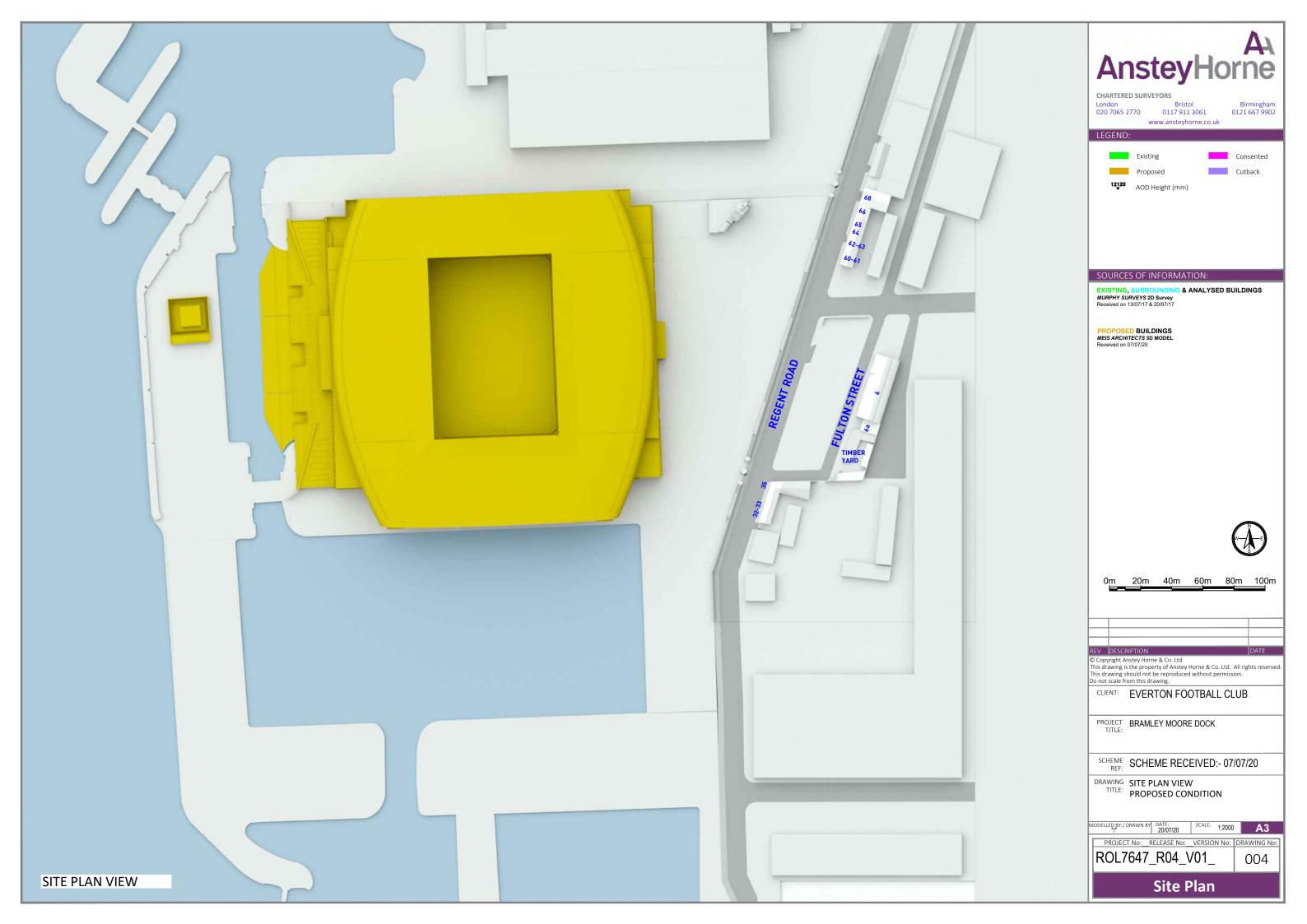
15.1.5 APSH Results

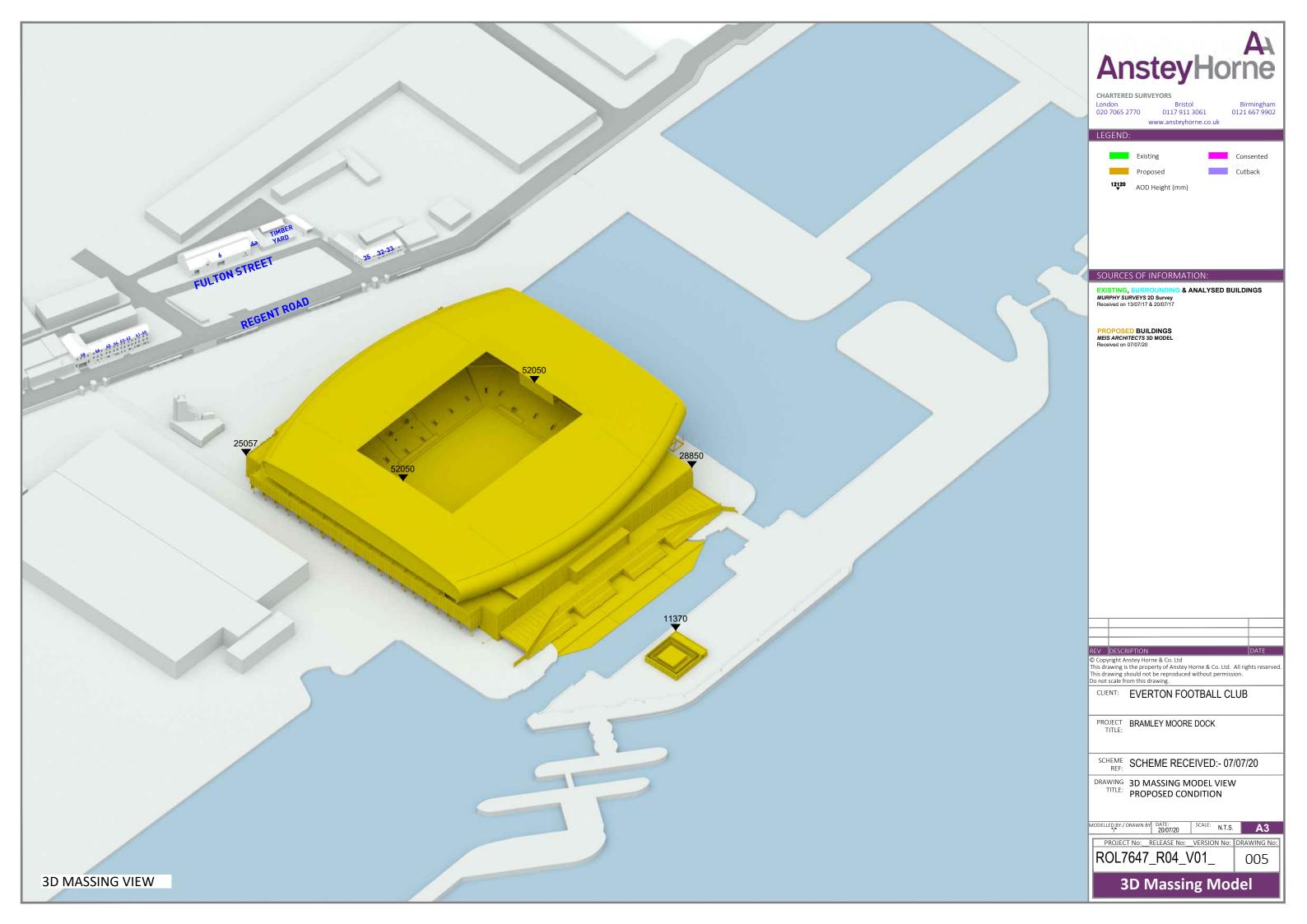
Environmental

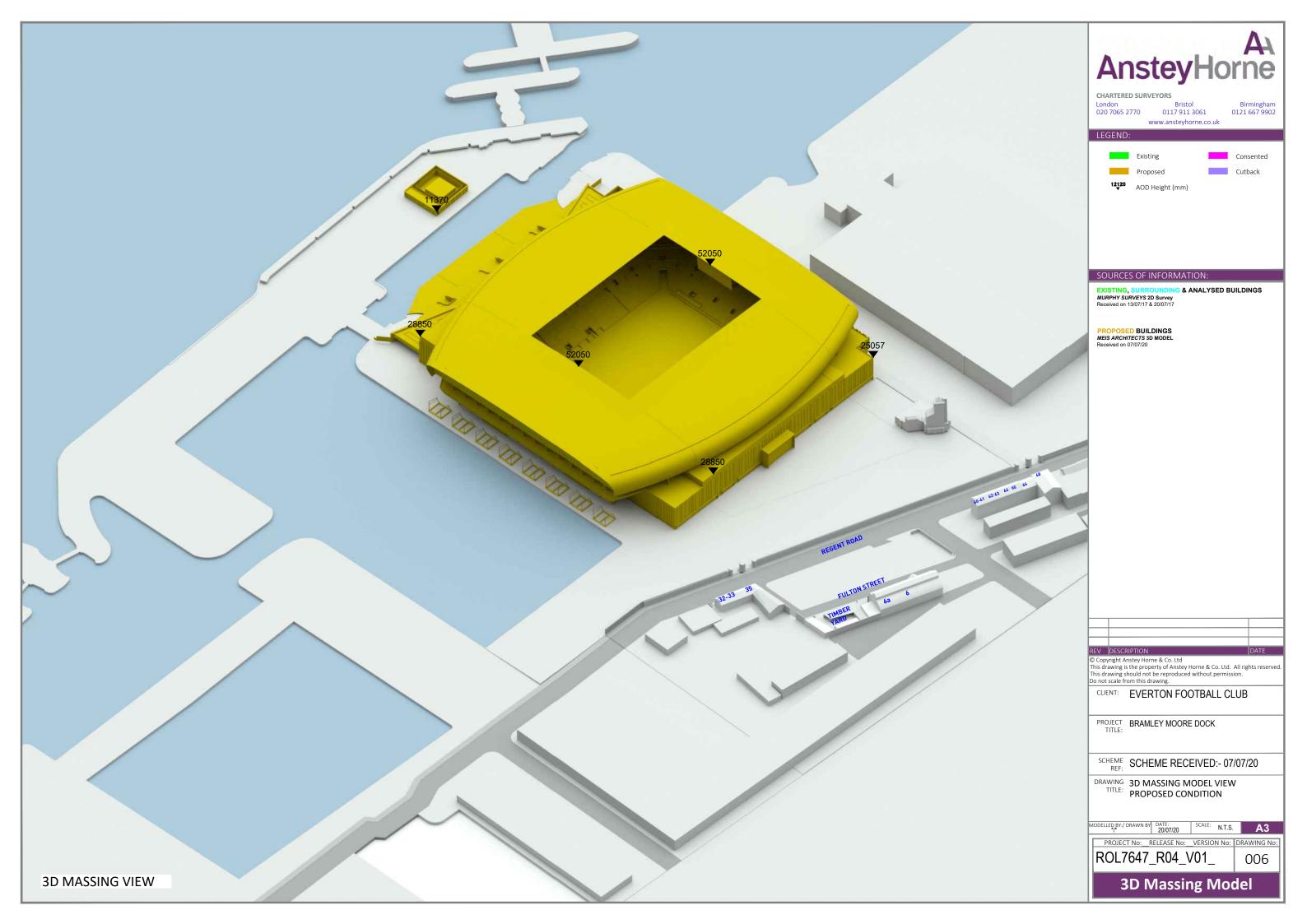












Proposed Development v Baseline Scenario

15.1.1 Site Plan & 3D Views

15.1.2 Daylight Distribution Contours

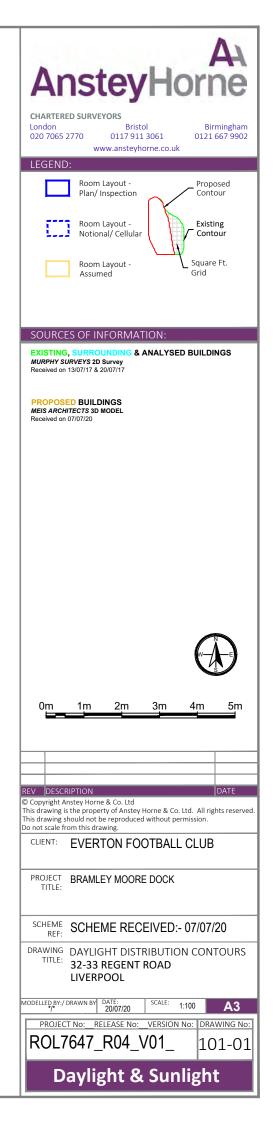
15.1.3 VSC Results

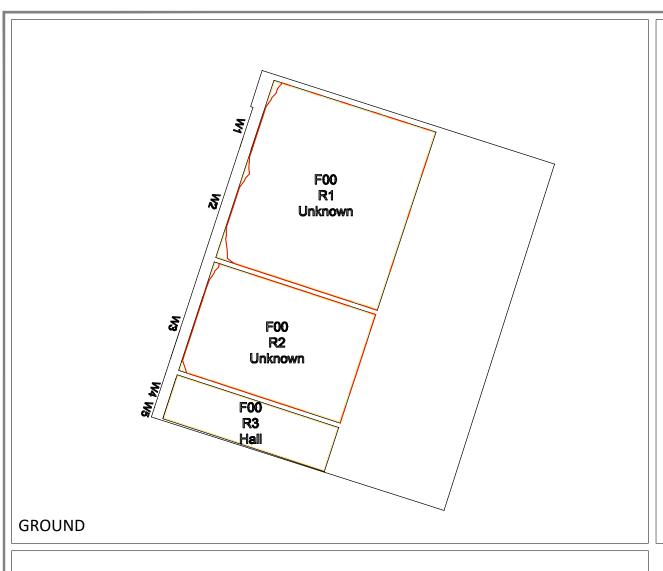
15.1.4 DD Results

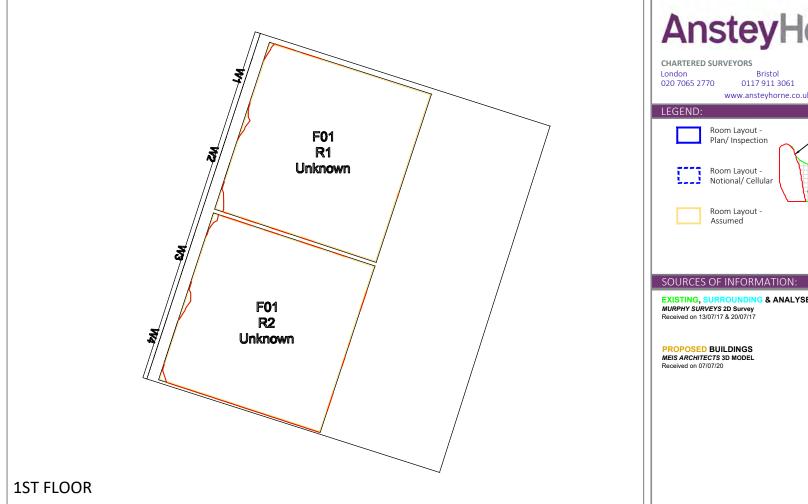
15.1.5 APSH Results

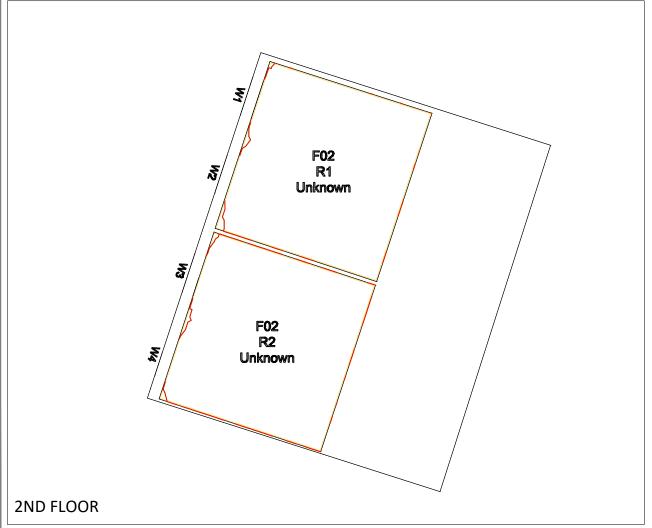
Environmental

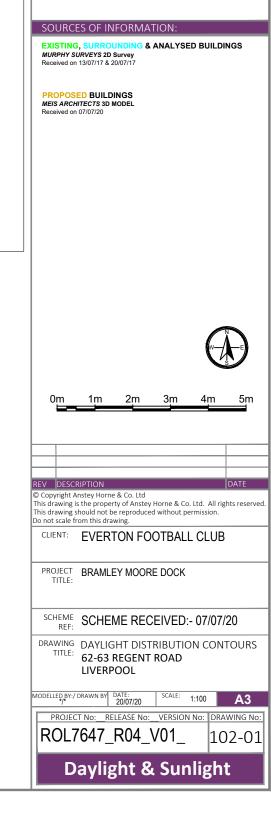












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Room Layou.
Plan/ Inspection

Room Layout -Notional/ Cellular

Room Layout -Assumed

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Proposed Contour

Existing Contour

Square Ft.

Proposed Development v Baseline Scenario

15.1.1 Site Plan & 3D Views

15.1.2 Daylight Distribution Contours

15.1.3 VSC Results

15.1.4 DD Results

15.1.5 APSH Results

Environmental

TABLE P1 VERTICAL SKY COMPONENT (VSC) SURROUNDING BUILDINGS



Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
32-33 Regent Road						
1st Floor						
R1	RESIDENTIAL	UNKNOWN	W1	38.18	32.65	N/A
R1	RESIDENTIAL	UNKNOWN	W2	38.21	32.70	N/A
R2	RESIDENTIAL	UNKNOWN	W3	38.25	32.74	N/A
R2	RESIDENTIAL	UNKNOWN	W4	38.28	32.78	N/A
R3	RESIDENTIAL	UNKNOWN	W5	38.40	32.95	N/A
R4	RESIDENTIAL	UNKNOWN	W6	38.46	33.02	N/A
R5	RESIDENTIAL	UNKNOWN	W7	38.53	33.11	N/A
R5	RESIDENTIAL	UNKNOWN	W8	39.23	39.12	N/A
62-63 Regent Road						
Gnd Floor						
R1	RESIDENTIAL	UNKNOWN	W1	35.42	33.41	N/A
R1	RESIDENTIAL	UNKNOWN	W2	35.52	33.46	N/A
R2	RESIDENTIAL	UNKNOWN	W3	35.68	33.48	N/A
1st Floor						
R1	RESIDENTIAL	UNKNOWN	W1	37.63	35.10	N/A
R1	RESIDENTIAL	UNKNOWN	W2	37.64	35.02	N/A
R2	RESIDENTIAL	UNKNOWN	W3	37.67	34.94	N/A
R2	RESIDENTIAL	UNKNOWN	W4	37.71	34.89	N/A
2nd Floor						
R1	RESIDENTIAL	UNKNOWN	W1	38.30	35.94	N/A
R1	RESIDENTIAL	UNKNOWN	W2	38.32	35.88	N/A
R2	RESIDENTIAL	UNKNOWN	W3	38.35	35.82	N/A
R2	RESIDENTIAL	UNKNOWN	W4	38.37	35.77	N/A

Proposed Development v Baseline Scenario

15.1.1 Site Plan & 3D Views

15.1.2 Daylight Distribution Contours

15.1.3 VSC Results

15.1.4 DD Results

15.1.5 APSH Results

Environmental

TABLE P2 DAYLIGHT DISTRIBUTION (DD) SURROUNDING BUILDINGS

Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
32-33 Regent Road						
1st Floor						
R1	RESIDENTIAL	UNKNOWN	18.06	17.91	17.10	0.95
R2	RESIDENTIAL	UNKNOWN	16.84	16.66	15.74	0.94
R3	RESIDENTIAL	UNKNOWN	15.44	14.92	13.35	0.89
R4	RESIDENTIAL	UNKNOWN	14.32	13.91	12.37	0.89
R5	RESIDENTIAL	UNKNOWN	12.90	12.86	12.74	0.99
62-63 Regent Road						
Gnd Floor						
R1	RESIDENTIAL	UNKNOWN	22.27	21.90	21.90	1.00
R2	RESIDENTIAL	UNKNOWN	13.58	13.46	13.46	1.00
1st Floor						
R1	RESIDENTIAL	UNKNOWN	21.00	20.80	20.80	1.00
R2	RESIDENTIAL	UNKNOWN	20.89	20.72	20.72	1.00
2nd Floor						
R1	RESIDENTIAL	UNKNOWN	21.00	20.82	20.82	1.00
R2	RESIDENTIAL	UNKNOWN	20.89	20.73	20.73	1.00

Proposed Development v Baseline Scenario

15.1.1 Site Plan & 3D Views

15.1.2 Daylight Distribution Contours

15.1.3 VSC Results

15.1.4 DD Results

15.1.5 APSH Results

Environmental

TABLE P3 ANNUAL PROBABLE SUNLIGHT HOURS (APSH) SURROUNDING BUILDINGS

						WINDOW						ROOM					
PROPERTY					ANNUAL SUNLIGHT (%APSH) WINTER SUNLIGHT (% APSH IN WINTER)			ANNUAL SUNLIGHT (%APSH)			WINTER	WINTER SUNLIGHT (% APSH IN WINTER)					
Room ref.	Property type	Flat no.	Window ref.	Room use	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	
32-33 Regent Road																	
1st Floor																	
R5	RESIDENTIAL		W7	UNKNOWN	37	32	N/A	10	10	N/A							
R5	RESIDENTIAL		W8	UNKNOWN	86	83	N/A	30	30	N/A	89	84	N/A	30	30	N/A	

Future Baseline Scenario

15.2.1 Site Plan & 3D Views

15.2.2 Daylight Distribution Contours

15.2.3 VSC Results

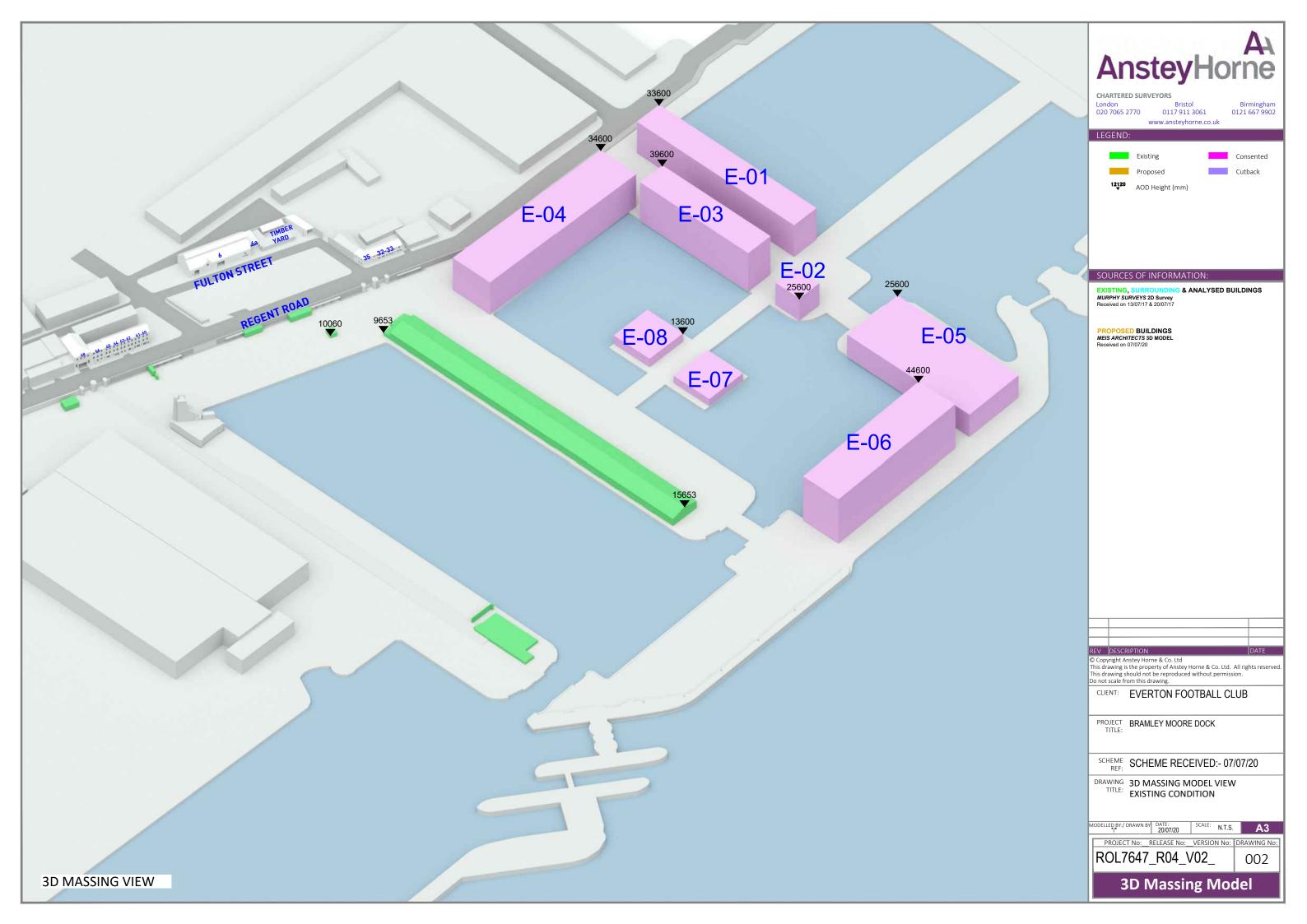
15.2.4 DD Results

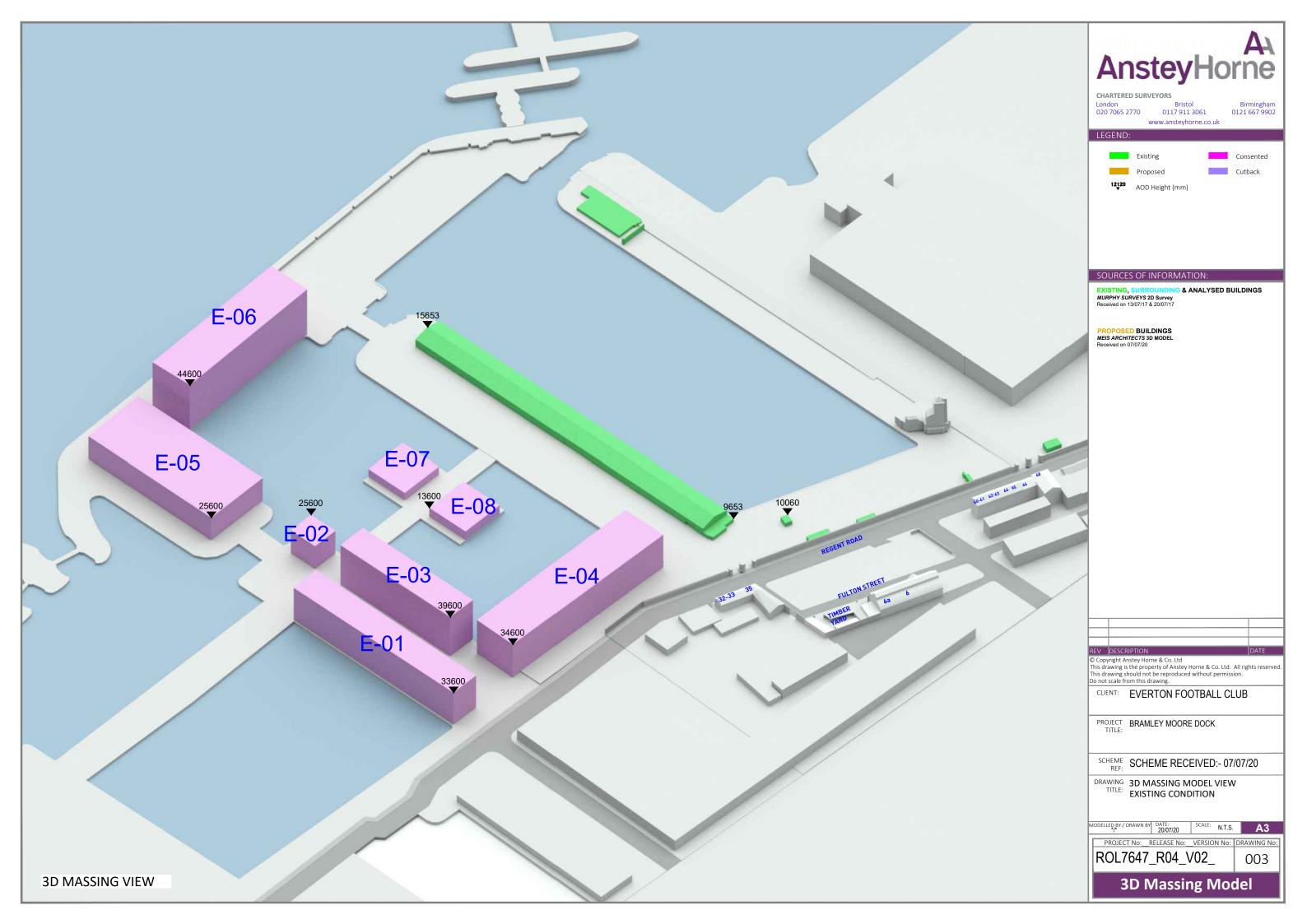
15.2.5 APSH Results

15.2.6 Façade Mapping Results

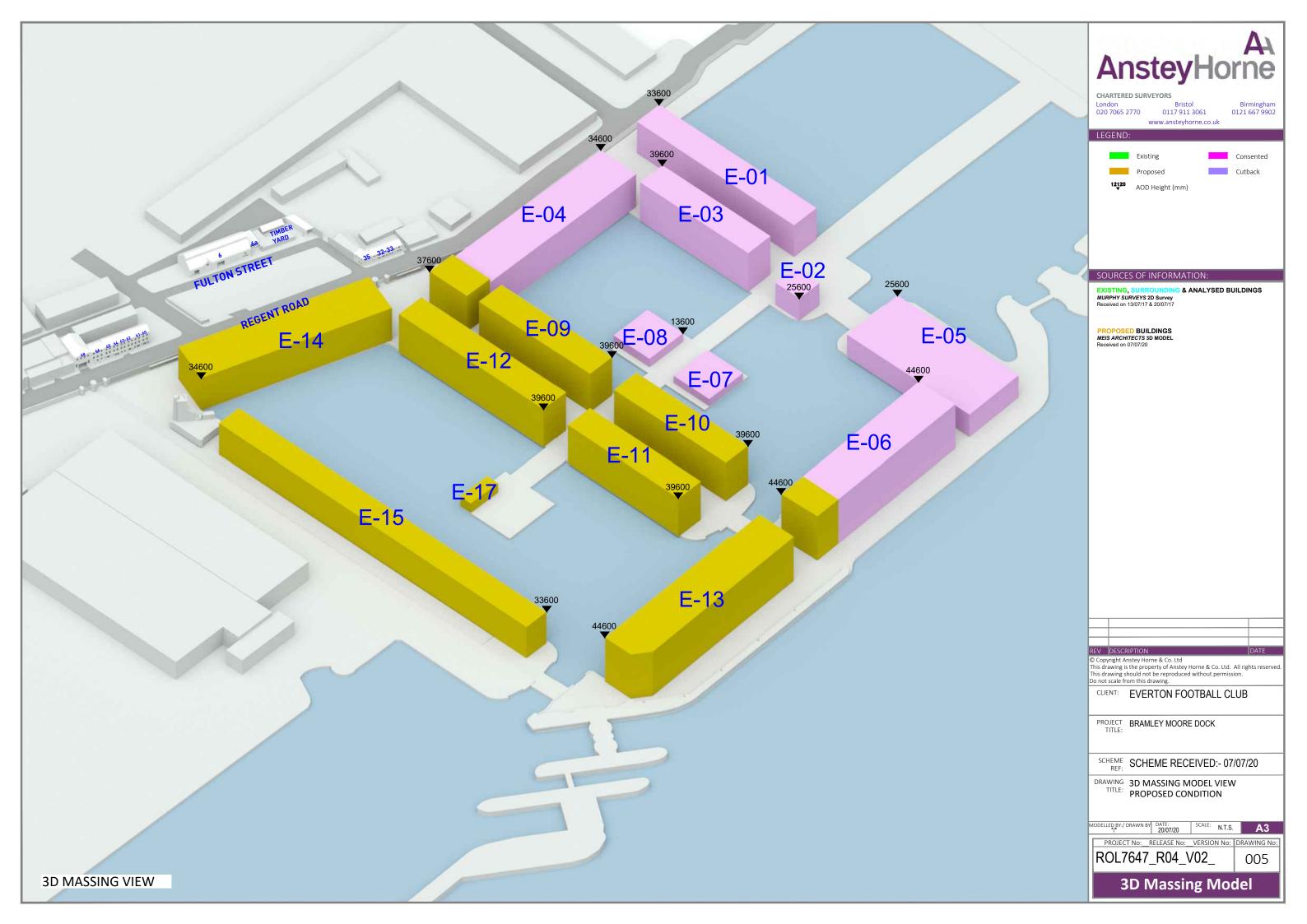
Environmental













Future Baseline Scenario

15.2.1 Site Plan & 3D Views

15.2.2 Daylight Distribution Contours

15.2.3 VSC Results

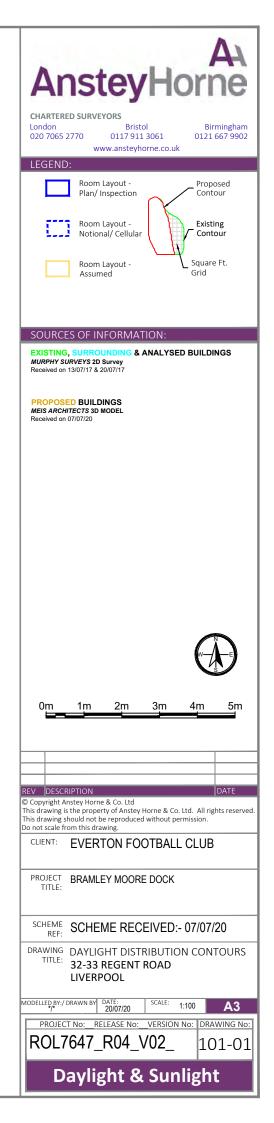
15.2.4 DD Results

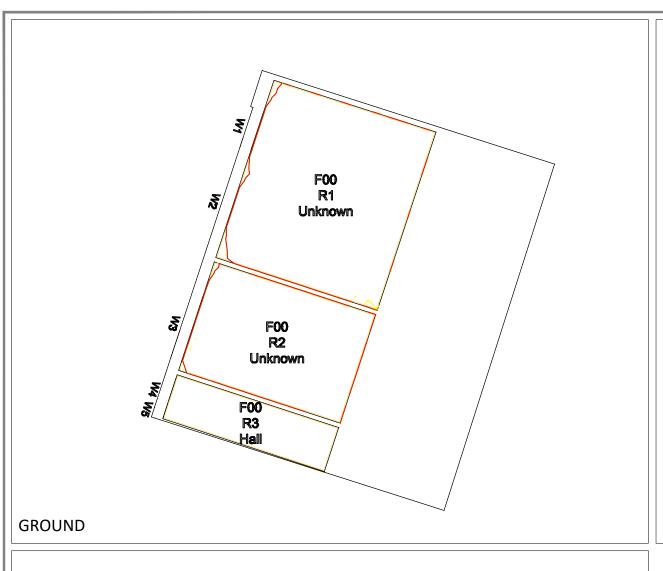
15.2.5 APSH Results

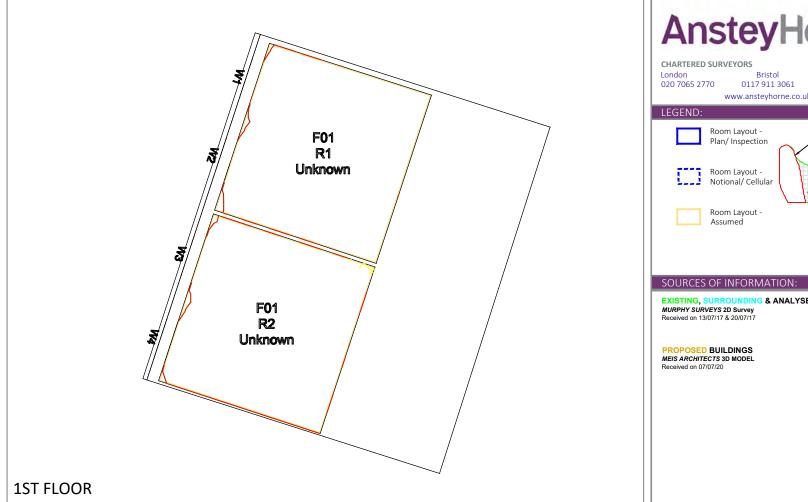
15.2.6 Façade Mapping Results

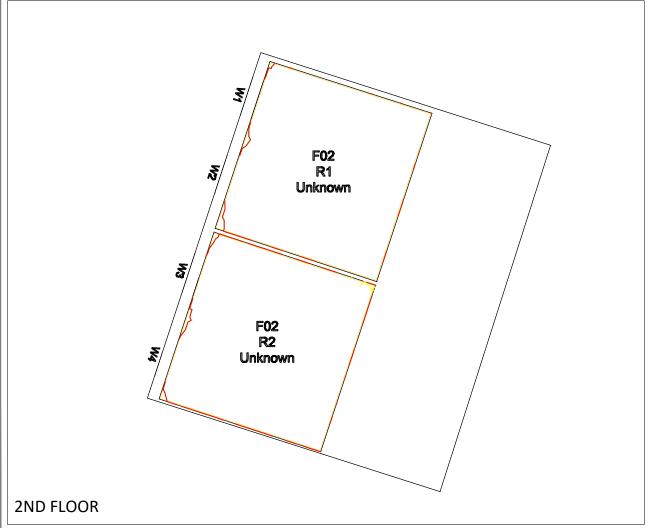
Environmental

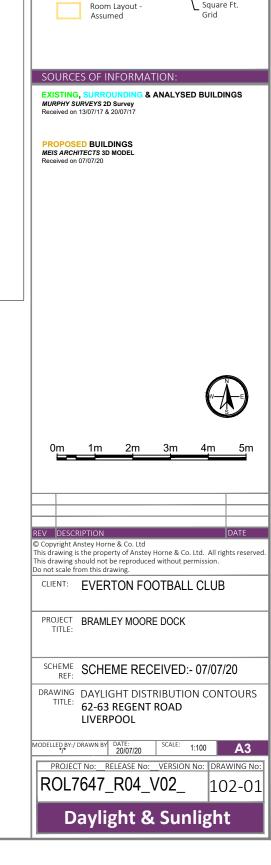












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Room Layout -Notional/ Cellular

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Proposed Contour

Existing Contour

Square Ft.

Future Baseline Scenario

15.2.1 Site Plan & 3D Views

15.2.2 Daylight Distribution Contours

15.2.3 VSC Results

15.2.4 DD Results

15.2.5 APSH Results

15.2.6 Façade Mapping Results

Environmental

TABLE P1 VERTICAL SKY COMPONENT (VSC) SURROUNDING BUILDINGS



Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
32-33 Regent Road						
1st Floor						
R1	RESIDENTIAL	UNKNOWN	W1	38.18	26.07	0.68
R1	RESIDENTIAL	UNKNOWN	W2	38.21	25.99	0.68
R2	RESIDENTIAL	UNKNOWN	W3	38.25	25.92	0.68
R2	RESIDENTIAL	UNKNOWN	W4	38.28	25.81	0.67
R3	RESIDENTIAL	UNKNOWN	W5	38.40	25.71	0.67
R4	RESIDENTIAL	UNKNOWN	W6	38.46	25.50	0.66
R5	RESIDENTIAL	UNKNOWN	W7	38.53	25.29	0.66
R5	RESIDENTIAL	UNKNOWN	W8	39.23	34.10	N/A
62-63 Regent Road						
Gnd Floor						
R1	RESIDENTIAL	UNKNOWN	W1	35.42	30.54	N/A
R1	RESIDENTIAL	UNKNOWN	W2	35.52	30.34	N/A
R2	RESIDENTIAL	UNKNOWN	W3	35.68	29.94	N/A
1st Floor						
R1	RESIDENTIAL	UNKNOWN	W1	37.63	32.74	N/A
R1	RESIDENTIAL	UNKNOWN	W2	37.64	32.44	N/A
R2	RESIDENTIAL	UNKNOWN	W3	37.67	32.05	N/A
R2	RESIDENTIAL	UNKNOWN	W4	37.71	31.72	N/A
2nd Floor						
R1	RESIDENTIAL	UNKNOWN	W1	38.30	34.07	N/A
R1	RESIDENTIAL	UNKNOWN	W2	38.32	33.82	N/A
R2	RESIDENTIAL	UNKNOWN	W3	38.35	33.49	N/A
R2	RESIDENTIAL	UNKNOWN	W4	38.37	33.21	N/A

Future Baseline Scenario

15.2.1 Site Plan & 3D Views

15.2.2 Daylight Distribution Contours

15.2.3 VSC Results

15.2.4 DD Results

15.2.5 APSH Results

15.2.6 Façade Mapping Results

Environmental

TABLE P2 DAYLIGHT DISTRIBUTION (DD) SURROUNDING BUILDINGS

Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
32-33 Regent Road						
1st Floor						
R1	RESIDENTIAL	UNKNOWN	18.06	17.91	17.34	0.97
R2	RESIDENTIAL	UNKNOWN	16.84	16.66	16.06	0.96
R3	RESIDENTIAL	UNKNOWN	15.44	14.92	12.10	0.81
R4	RESIDENTIAL	UNKNOWN	14.32	13.91	11.28	0.81
R5	RESIDENTIAL	UNKNOWN	12.90	12.86	12.79	0.99
62-63 Regent Road						
Gnd Floor						
R1	RESIDENTIAL	UNKNOWN	22.27	21.90	21.90	1.00
R2	RESIDENTIAL	UNKNOWN	13.58	13.46	13.46	1.00
1st Floor						
R1	RESIDENTIAL	UNKNOWN	21.00	20.80	20.80	1.00
R2	RESIDENTIAL	UNKNOWN	20.89	20.72	20.72	1.00
2nd Floor						
R1	RESIDENTIAL	UNKNOWN	21.00	20.82	20.82	1.00
R2	RESIDENTIAL	UNKNOWN	20.89	20.73	20.73	1.00

Future Baseline Scenario

15.2.1 Site Plan & 3D Views

15.2.2 Daylight Distribution Contours

15.2.3 VSC Results

15.2.4 DD Results

15.2.5 APSH Results

15.2.6 Façade Mapping Results

Environmental

TABLE P3 ANNUAL PROBABLE SUNLIGHT HOURS (APSH) SURROUNDING BUILDINGS

						WINDOW					ROOM					
PROPERTY					ANNUAL SUNLIGHT (%APSH) WINTER SUNLIGHT (% APSH IN WINTER)			ANNU	ANNITAL STINLIGHT (%ADSH)			SUNLIGHT (WINTER)	JNLIGHT (% APSH IN WINTER)			
Room ref.	Property type	Flat no.	Window ref.	Room use	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value
32-33 Regent Road																
1st Floor																
R5	RESIDENTIAL		W7	UNKNOWN	37	24	0.65	10	5	N/A						
R5	RESIDENTIAL		W8	UNKNOWN	86	77	N/A	30	25	N/A	89	77	N/A	30	25	N/A

Future Baseline Scenario

15.2.1 Site Plan & 3D Views

15.2.2 Daylight Distribution Contours

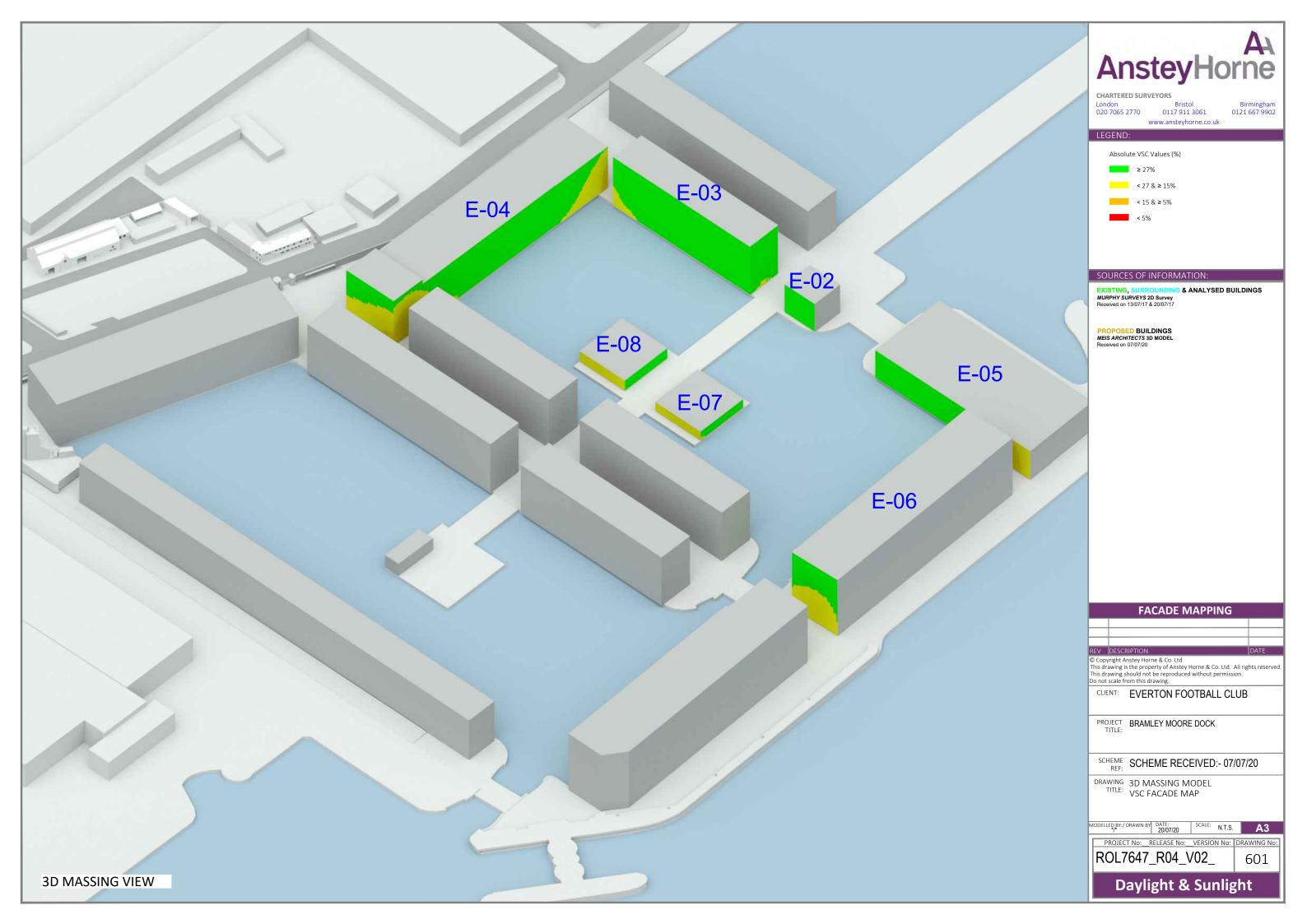
15.2.3 VSC Results

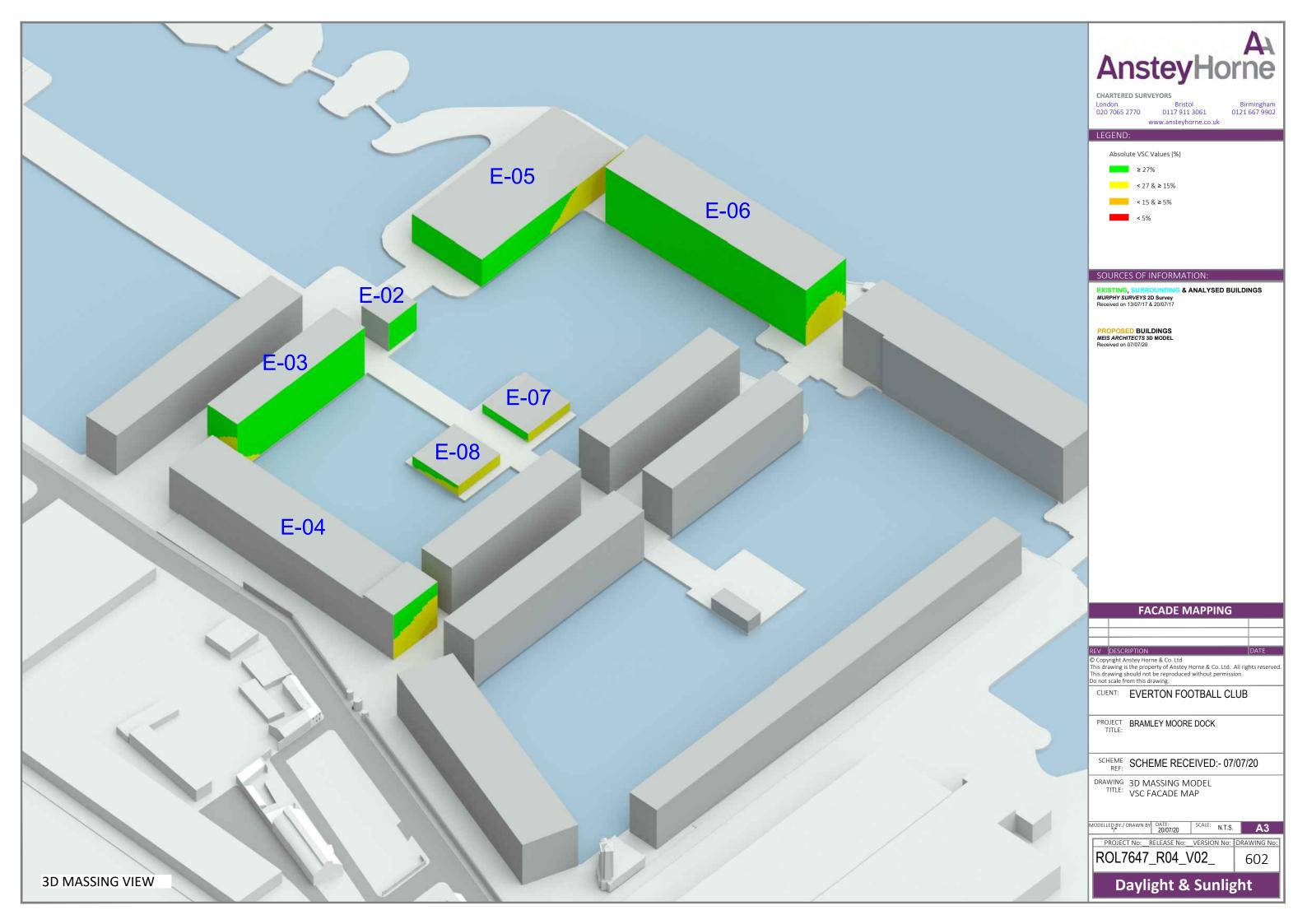
15.2.4 DD Results

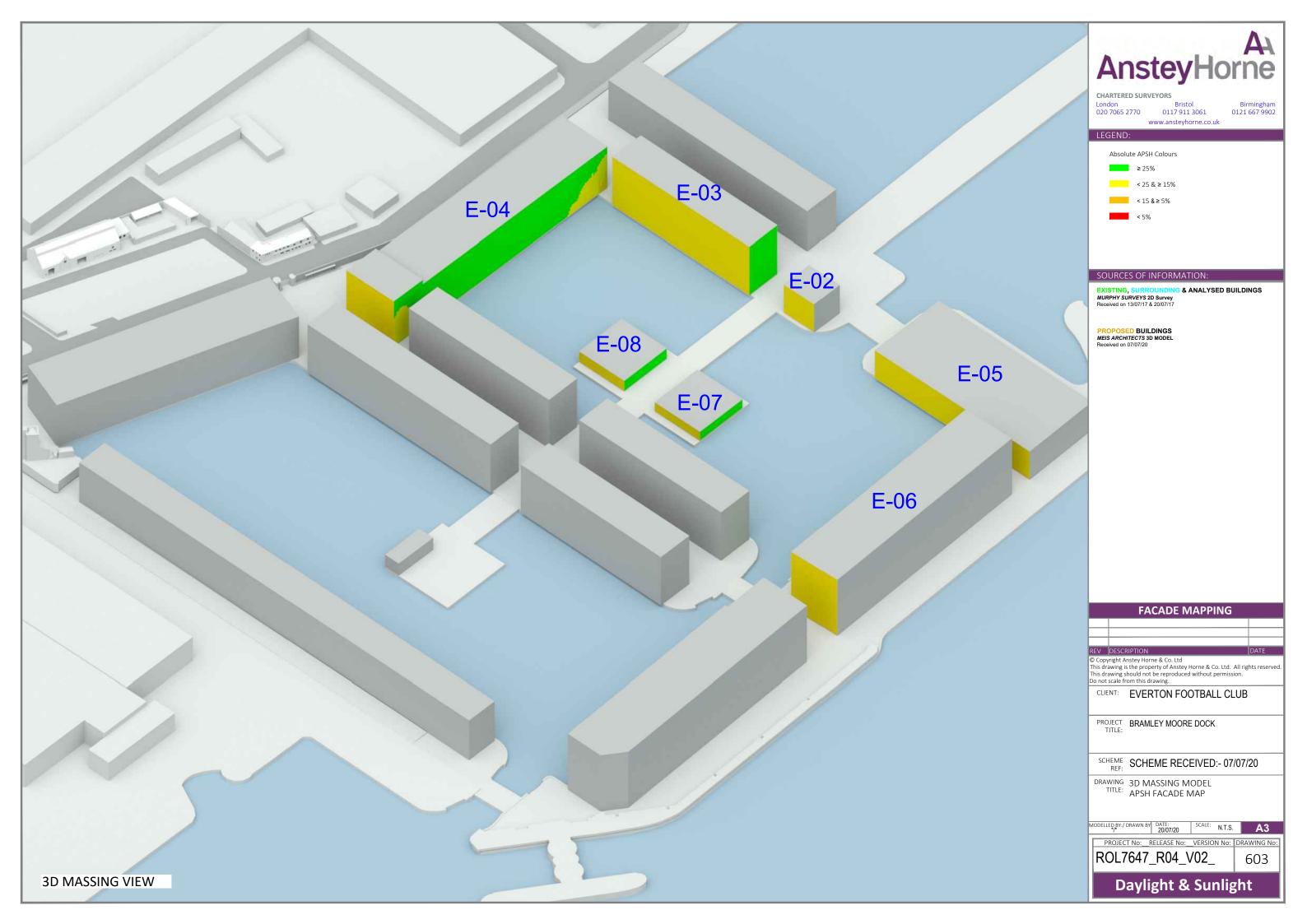
15.2.5 APSH Results

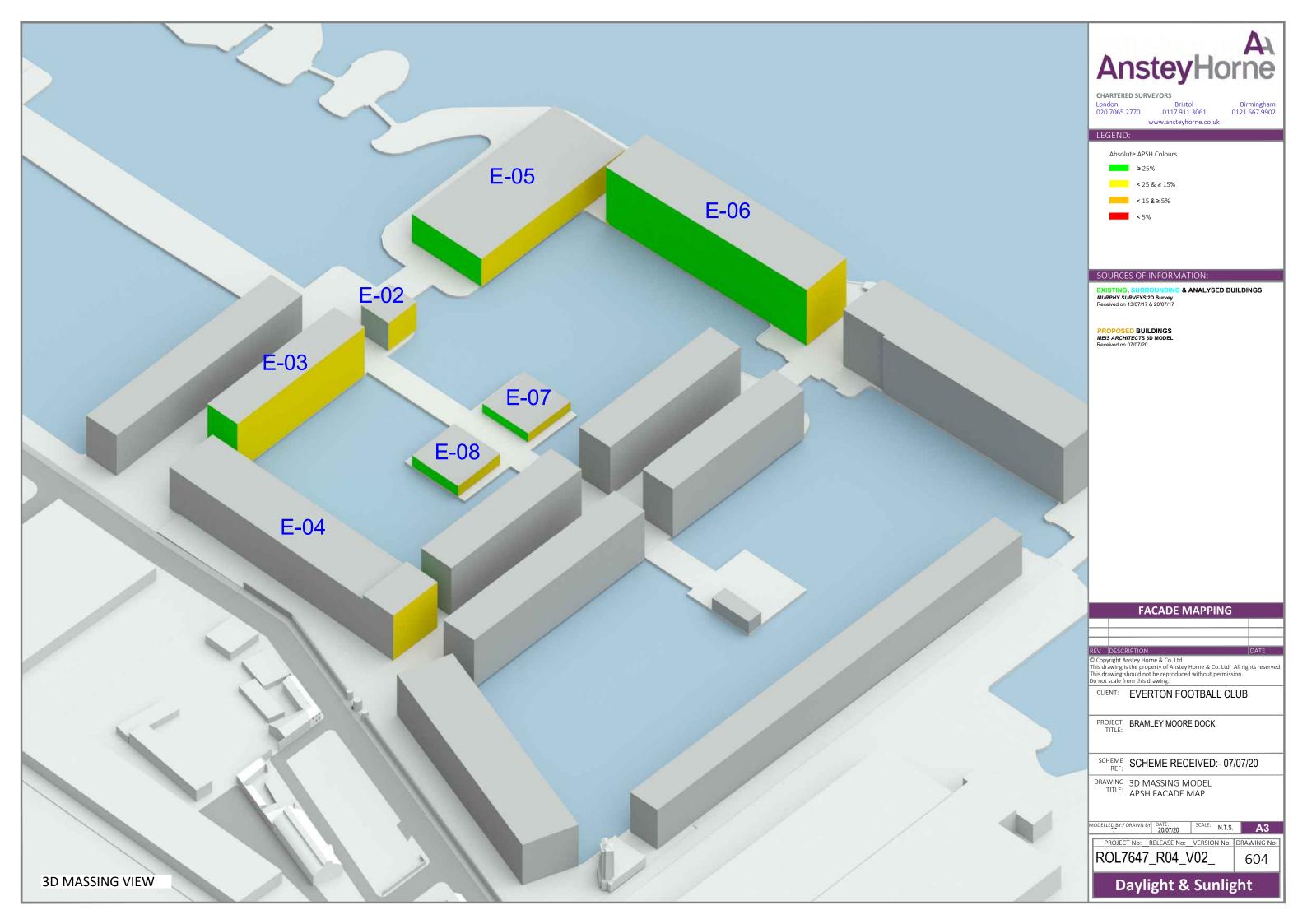
15.2.6 Façade Mapping Results

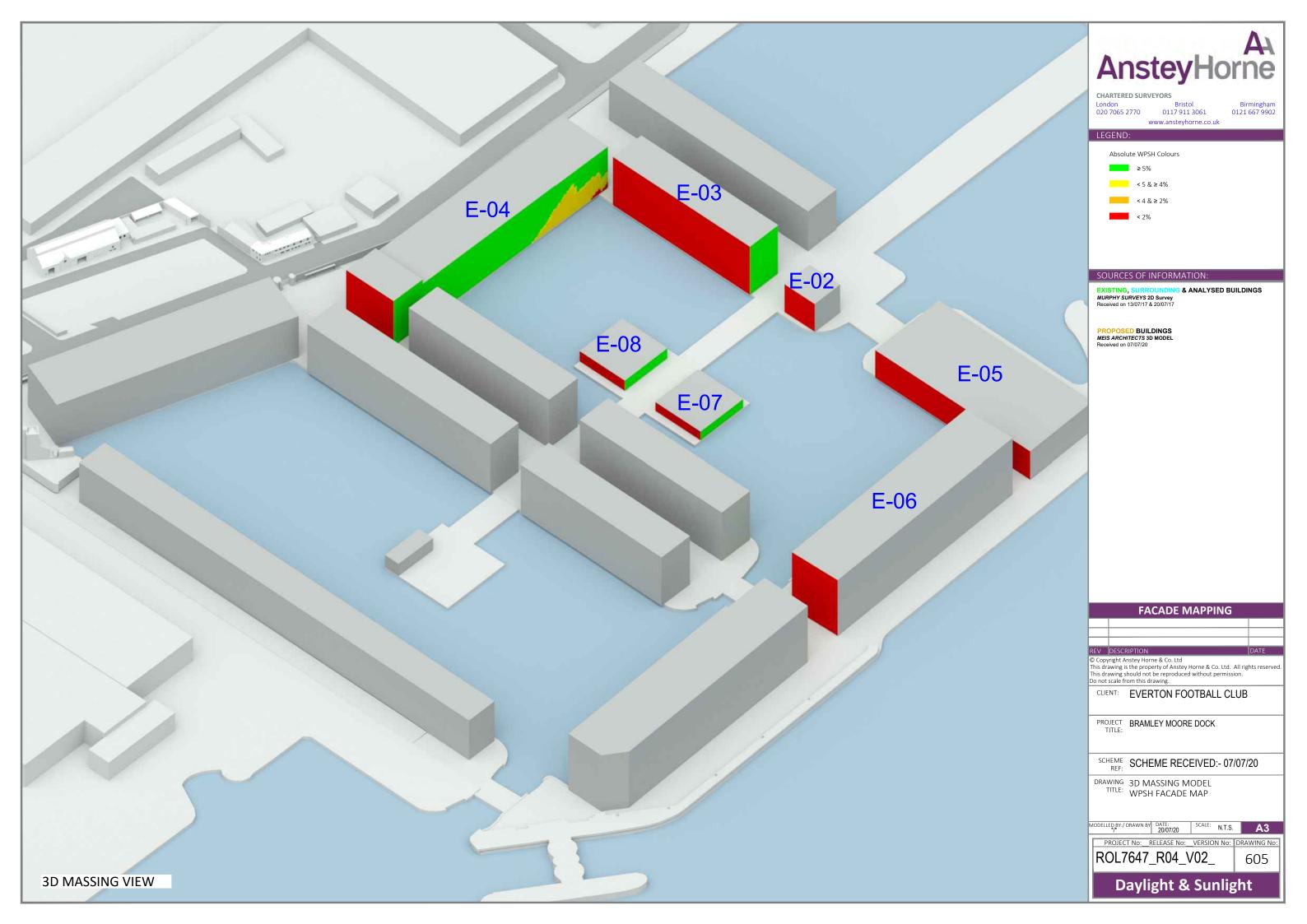
Environmental











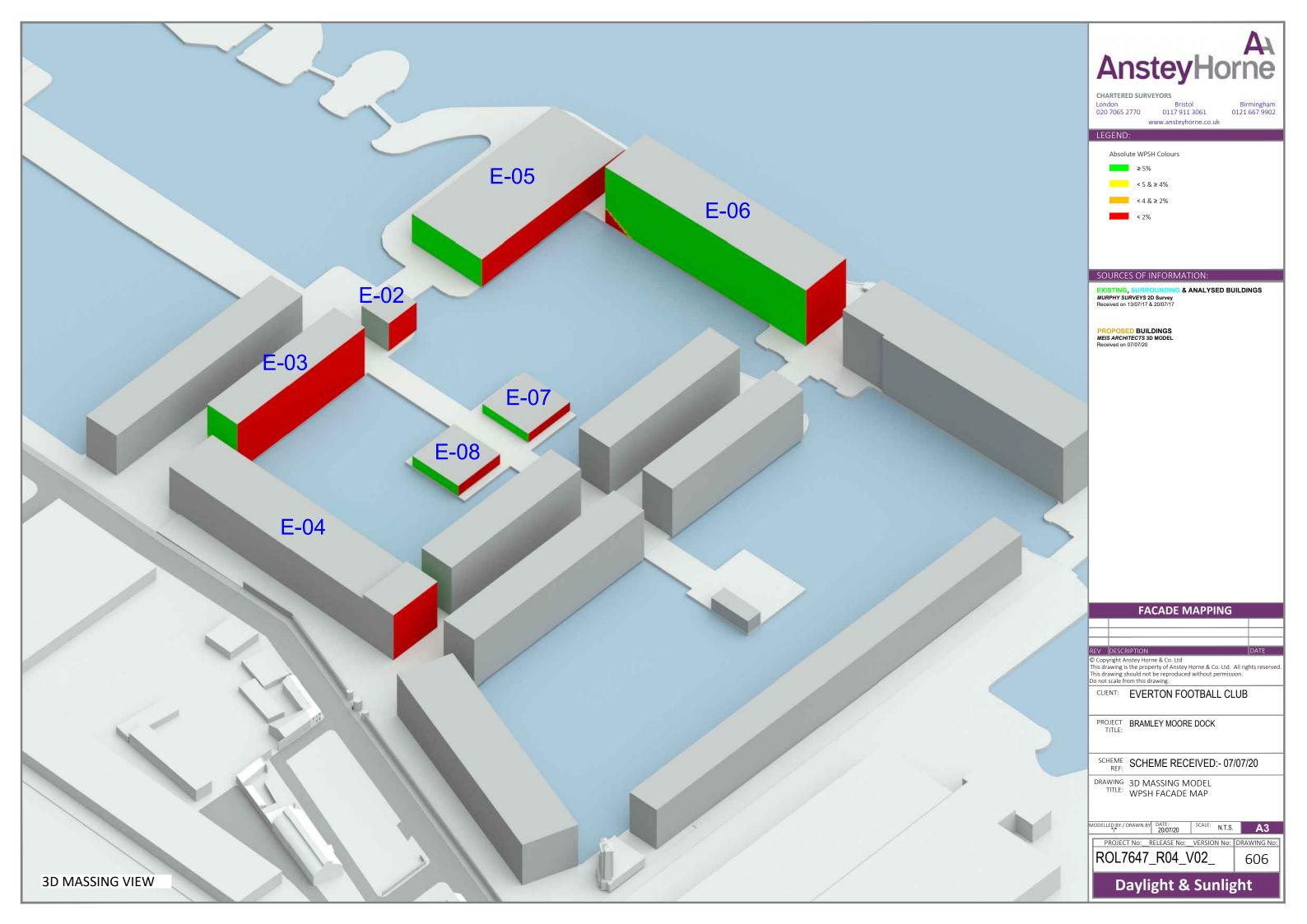


TABLE FACADE MAPPING PROPOSED BUILDING

Summary of test points results										
	VSC		APSH	I_Annual		APSH_Winter				
	No of points	Percentage		No of points	Percentage		No of points	Percentage		
	satisfying	satisfying		satisfying	satisfying		satisfying	satisfying		
	BRE target	BRE target		BRE target	BRE target		BRE target	BRE target		
VSC >=27%	15865	79%	APSH >=25%	11604	58%	APSH >=5%	11383	57%		
VSC <27% & >=15	3439	17%	APSH <25% & >=15	581	3%	APSH <5% & >=4	107	1%		
VSC <15% & >=5	771	4%	APSH <15% & >=5	7890	39%	APSH <4% & >=2	642	3%		
VSC <5%	0	0%	APSH <5%	0	0%	APSH <2%	7943	40%		
Total	20075			20075			20075			

Proposed Development + Liverpool Waters Scenario

15.3.1 Site Plan & 3D Views

15.3.2 Daylight Distribution Contours

15.3.3 VSC Results

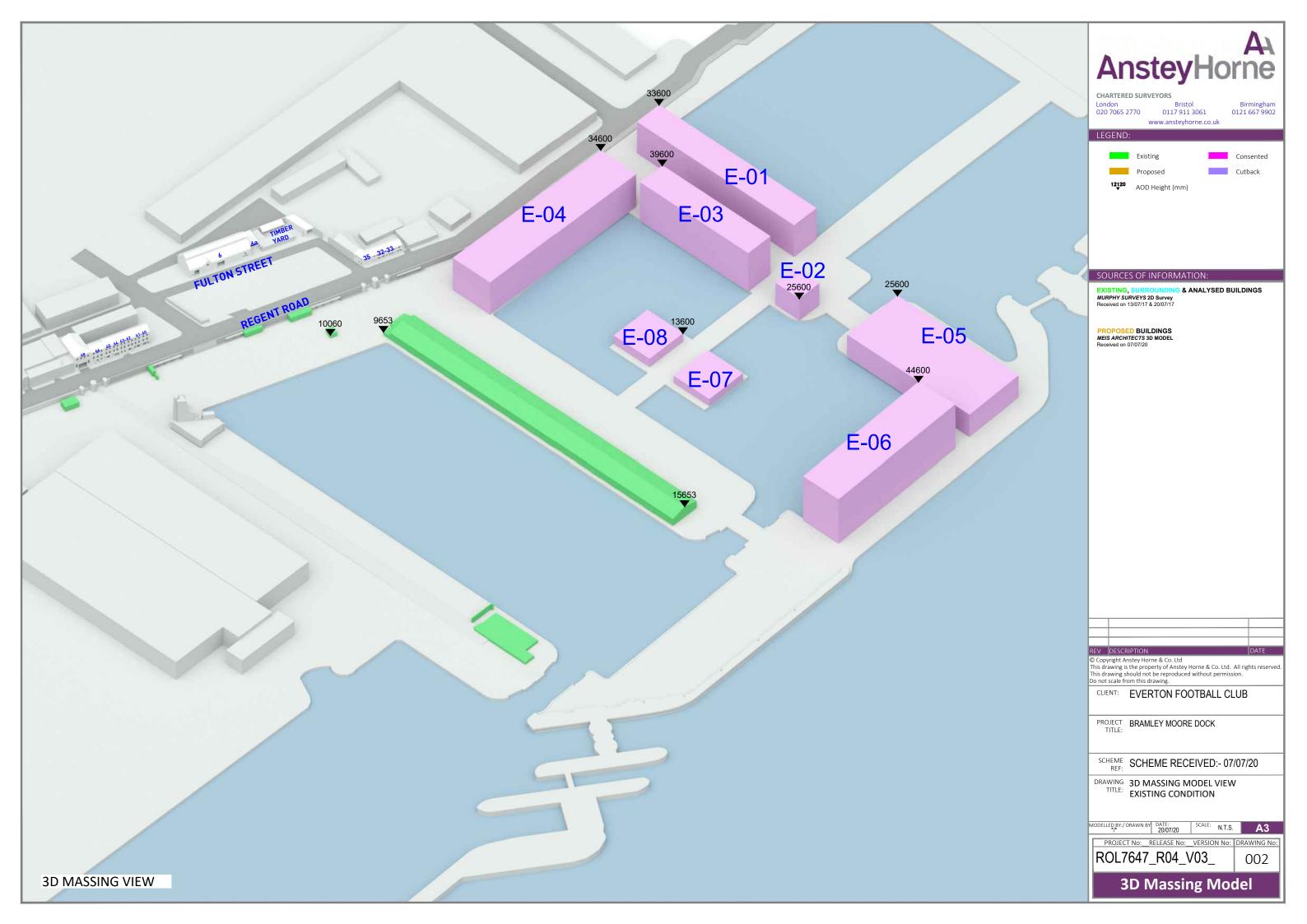
15.3.4 DD Results

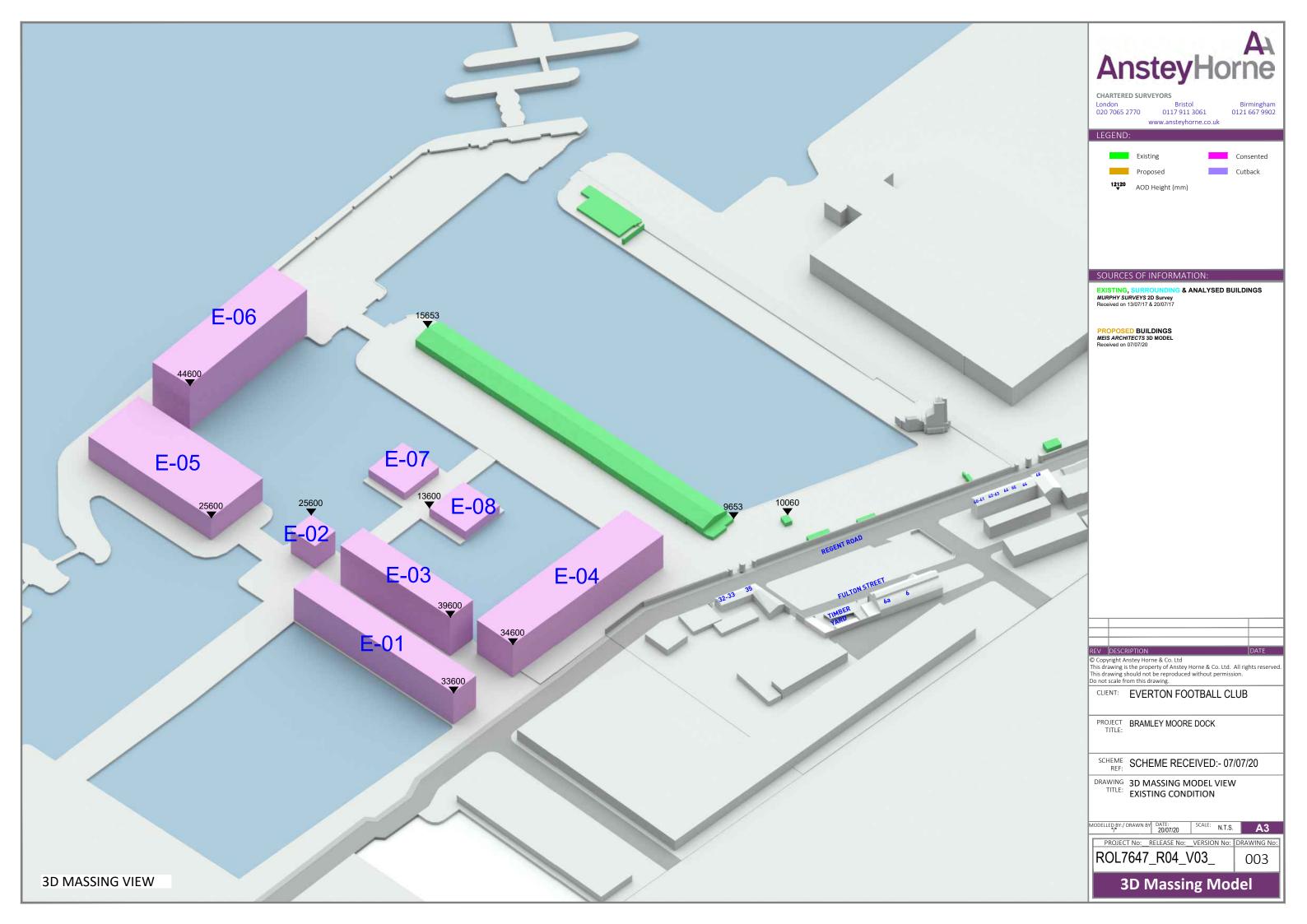
15.3.5 APSH Results

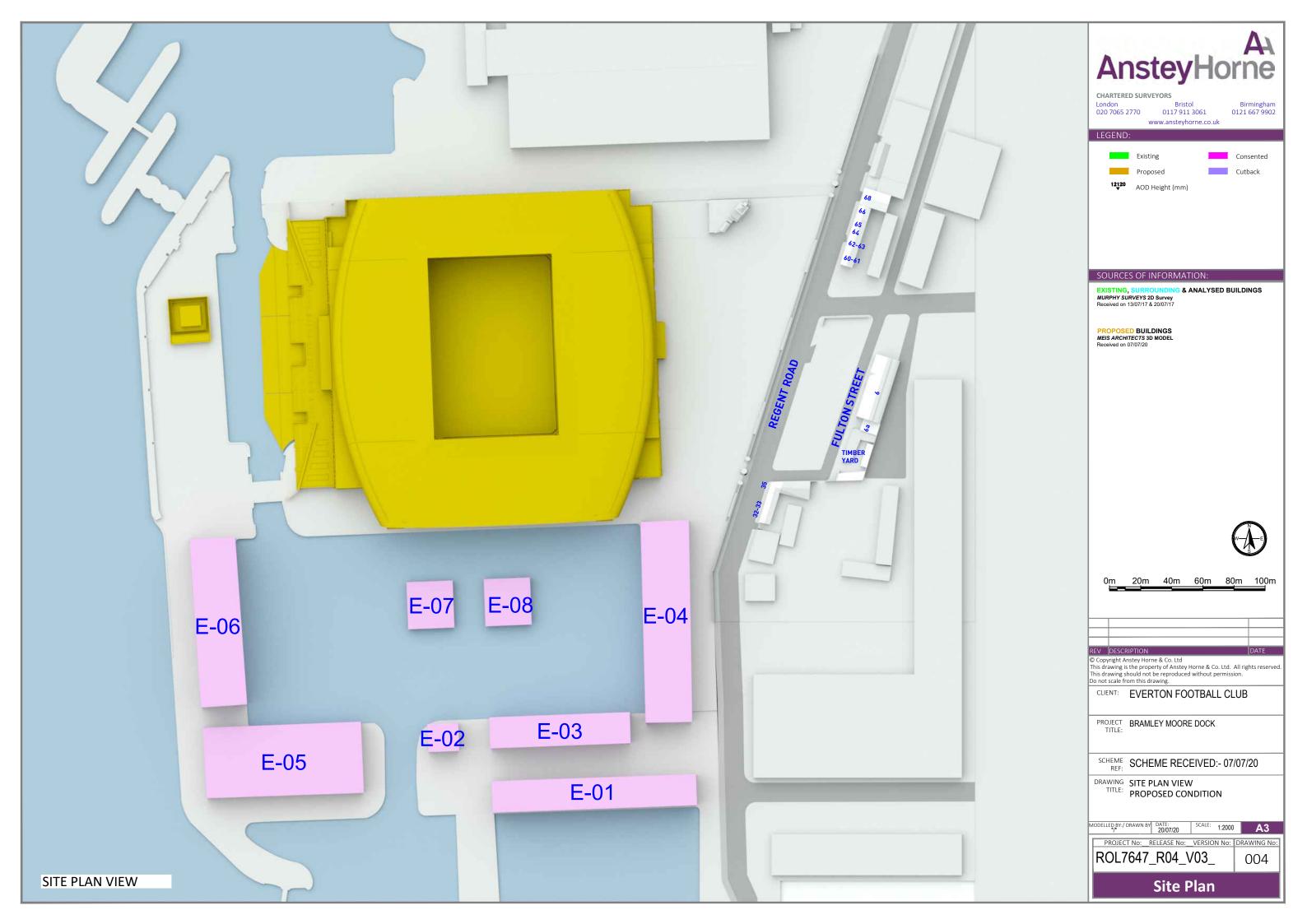
15.3.6 Façade Mapping Results

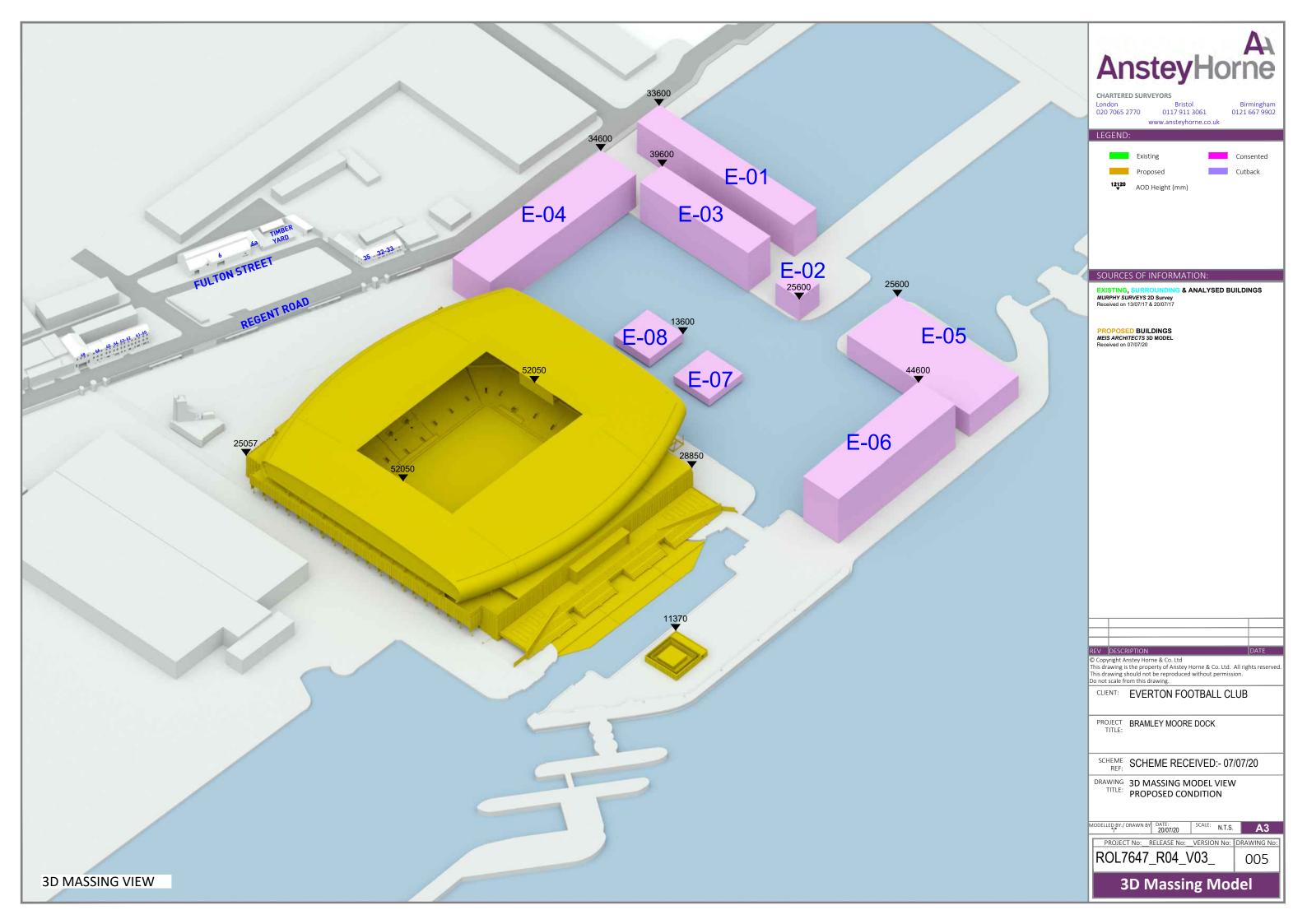
Environmental

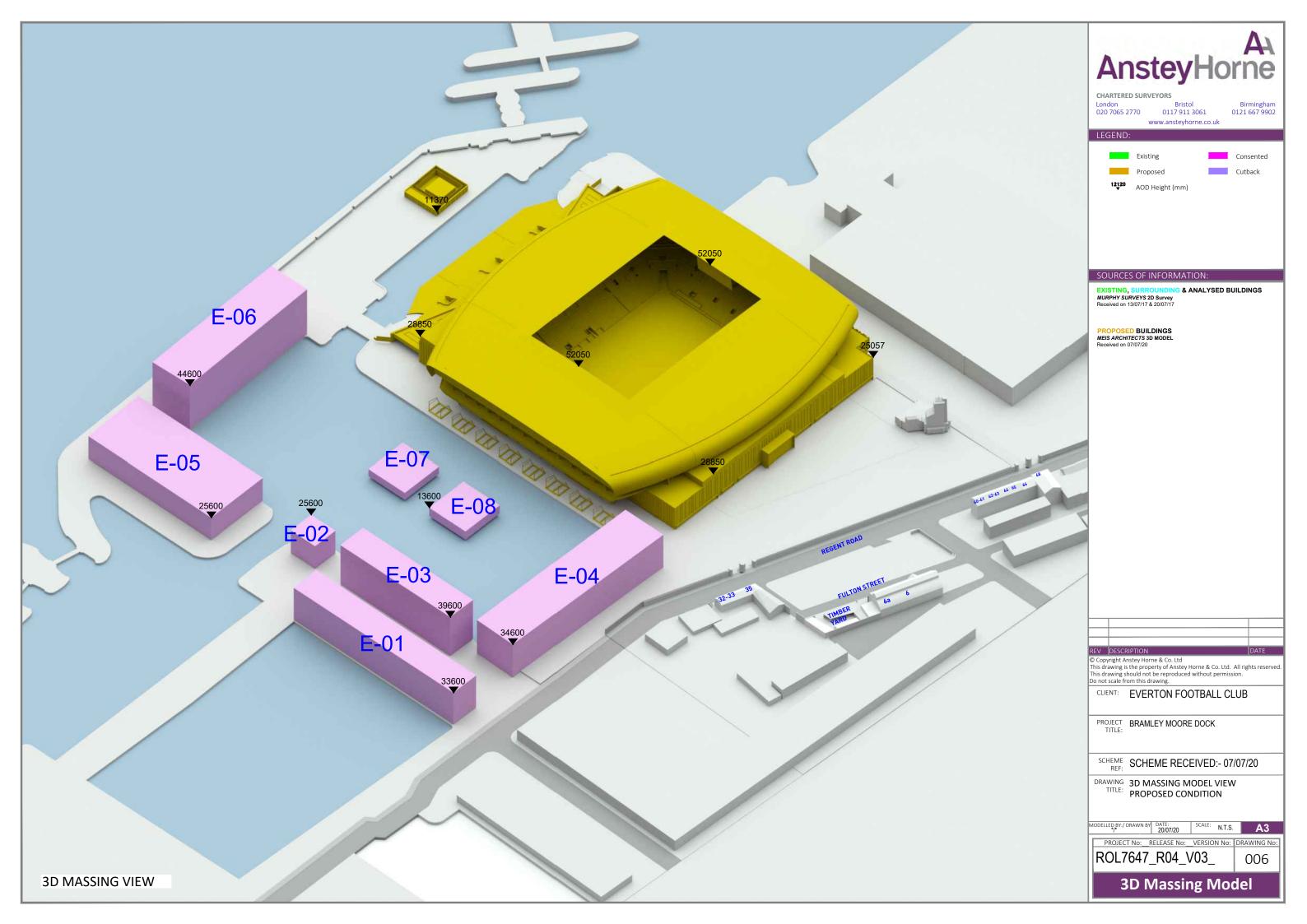












Proposed Development + Liverpool Waters Scenario

15.3.1 Site Plan & 3D Views

15.3.2 Daylight Distribution Contours

15.3.3 VSC Results

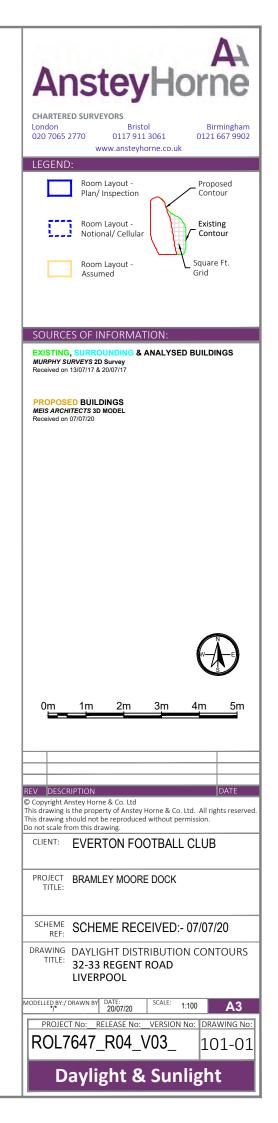
15.3.4 DD Results

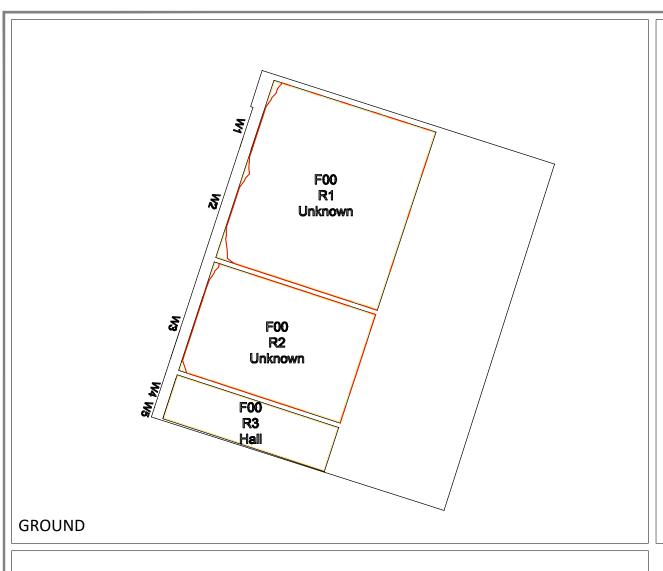
15.3.5 APSH Results

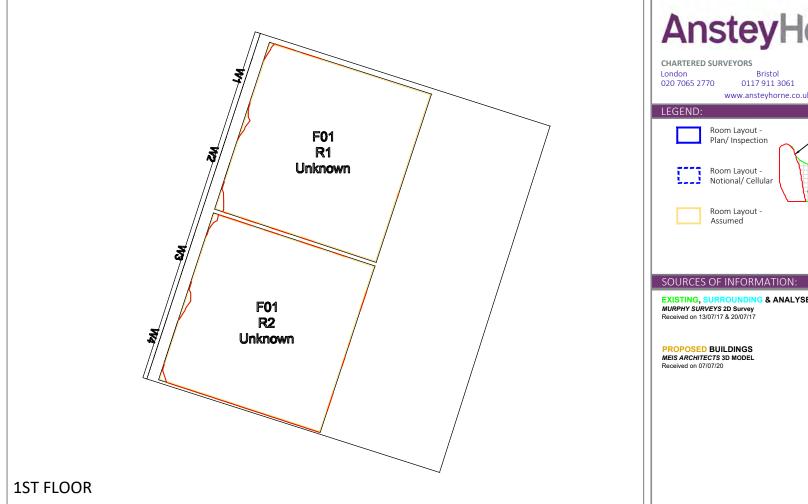
15.3.6 Façade Mapping Results

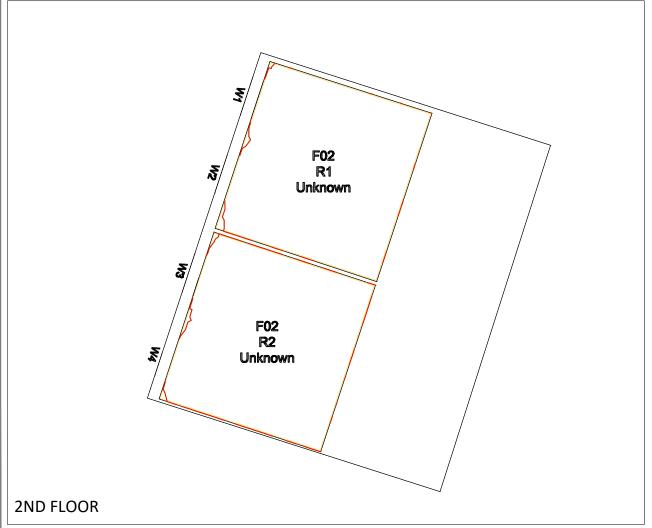
Environmental

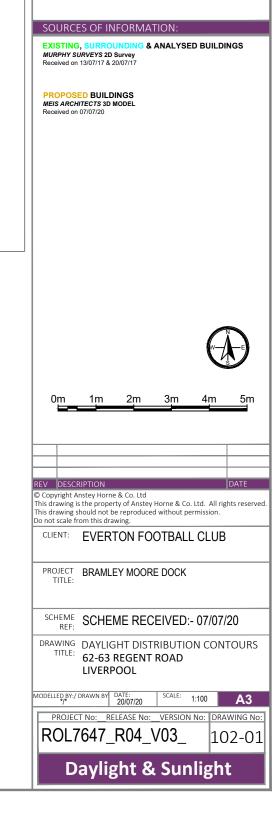












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Room Layou.
Plan/ Inspection

Room Layout -Notional/ Cellular

Room Layout -Assumed

Birmingham 0121 667 9902

Proposed Contour

Existing Contour

Square Ft.

Proposed Development + Liverpool Waters Scenario

15.3.1 Site Plan & 3D Views

15.3.2 Daylight Distribution Contours

15.3.3 VSC Results

15.3.4 DD Results

15.3.5 APSH Results

15.3.6 Façade Mapping Results

Environmental

TABLE P1 VERTICAL SKY COMPONENT (VSC) SURROUNDING BUILDINGS



Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
32-33 Regent Road						
1st Floor						
R1	RESIDENTIAL	UNKNOWN	W1	38.18	29.53	N/A
R1	RESIDENTIAL	UNKNOWN	W2	38.21	29.39	N/A
R2	RESIDENTIAL	UNKNOWN	W3	38.25	29.23	N/A
R2	RESIDENTIAL	UNKNOWN	W4	38.28	29.07	N/A
R3	RESIDENTIAL	UNKNOWN	W5	38.40	28.85	N/A
R4	RESIDENTIAL	UNKNOWN	W6	38.46	28.49	N/A
R5	RESIDENTIAL	UNKNOWN	W7	38.53	28.04	N/A
R5	RESIDENTIAL	UNKNOWN	W8	39.23	34.14	N/A
62-63 Regent Road						
Gnd Floor						
R1	RESIDENTIAL	UNKNOWN	W1	35.42	33.34	N/A
R1	RESIDENTIAL	UNKNOWN	W2	35.52	33.40	N/A
R2	RESIDENTIAL	UNKNOWN	W3	35.68	33.41	N/A
1st Floor						
R1	RESIDENTIAL	UNKNOWN	W1	37.63	35.03	N/A
R1	RESIDENTIAL	UNKNOWN	W2	37.64	34.95	N/A
R2	RESIDENTIAL	UNKNOWN	W3	37.67	34.86	N/A
R2	RESIDENTIAL	UNKNOWN	W4	37.71	34.81	N/A
2nd Floor						
R1	RESIDENTIAL	UNKNOWN	W1	38.30	35.88	N/A
R1	RESIDENTIAL	UNKNOWN	W2	38.32	35.82	N/A
R2	RESIDENTIAL	UNKNOWN	W3	38.35	35.75	N/A
R2	RESIDENTIAL	UNKNOWN	W4	38.37	35.70	N/A

Proposed Development + Liverpool Waters Scenario

15.3.1 Site Plan & 3D Views

15.3.2 Daylight Distribution Contours

15.3.3 VSC Results

15.3.4 DD Results

15.3.5 APSH Results

15.3.6 Façade Mapping Results

Environmental

TABLE P2 DAYLIGHT DISTRIBUTION (DD) SURROUNDING BUILDINGS

Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
32-33 Regent Road						
1st Floor						
R1	RESIDENTIAL	UNKNOWN	18.06	17.91	16.48	0.92
R2	RESIDENTIAL	UNKNOWN	16.84	16.66	15.12	0.91
R3	RESIDENTIAL	UNKNOWN	15.44	14.92	12.99	0.87
R4	RESIDENTIAL	UNKNOWN	14.32	13.91	12.20	0.88
R5	RESIDENTIAL	UNKNOWN	12.90	12.86	12.70	0.99
62-63 Regent Road						
Gnd Floor						
R1	RESIDENTIAL	UNKNOWN	22.27	21.90	21.90	1.00
R2	RESIDENTIAL	UNKNOWN	13.58	13.46	13.46	1.00
1st Floor						
R1	RESIDENTIAL	UNKNOWN	21.00	20.80	20.80	1.00
R2	RESIDENTIAL	UNKNOWN	20.89	20.72	20.72	1.00
2nd Floor						
R1	RESIDENTIAL	UNKNOWN	21.00	20.82	20.82	1.00
R2	RESIDENTIAL	UNKNOWN	20.89	20.73	20.73	1.00

Proposed Development + Liverpool Waters Scenario

15.3.1 Site Plan & 3D Views

15.3.2 Daylight Distribution Contours

15.3.3 VSC Results

15.3.4 DD Results

15.3.5 APSH Results

15.3.6 Façade Mapping Results

Environmental

TABLE P3 ANNUAL PROBABLE SUNLIGHT HOURS (APSH) SURROUNDING BUILDINGS

						WINDOW					ROOM					
PROPERTY			ANNU	AL SUNLIGH	Γ (%APSH)	WINTER	SUNLIGHT WINTER	(% APSH IN)	ANNUA	AL SUNLIGH	T (%APSH)	WINTER	SUNLIGHT (WINTER)			
Room ref.	Property type	Flat no.	Window ref.	Room use	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value
32-33 Regent Road																
4-4-51																
1st Floor	RESIDENTIAL		W7	UNKNOWN	37	26	N/A	10	-	N/A						
R5	RESIDENTIAL		W8	UNKNOWN	86	20 77	N/A N/A	30	5 25	N/A N/A	89	78	N/A	30	25	N/A

Proposed Development + Liverpool Waters Scenario

15.3.1 Site Plan & 3D Views

15.3.2 Daylight Distribution Contours

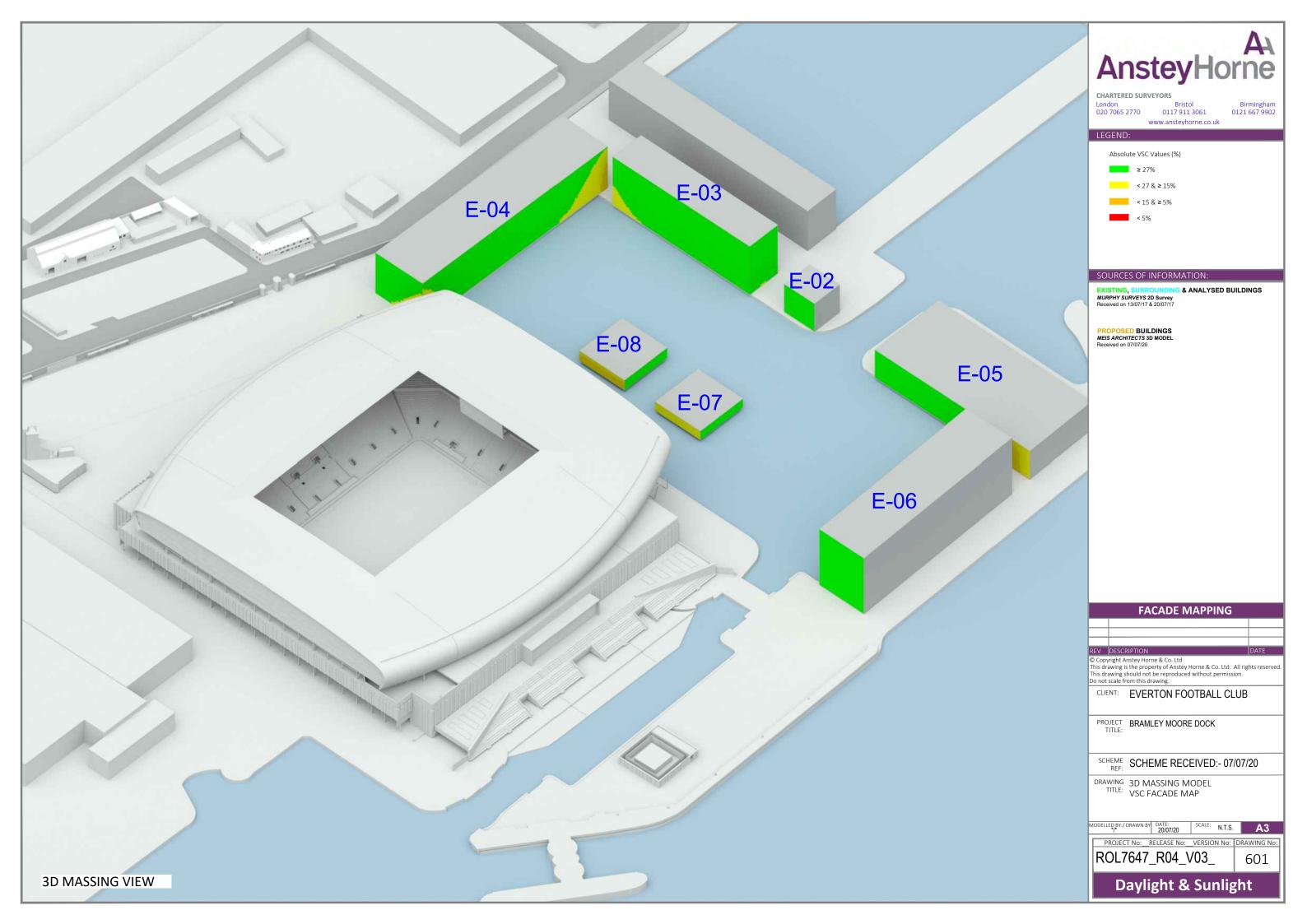
15.3.3 VSC Results

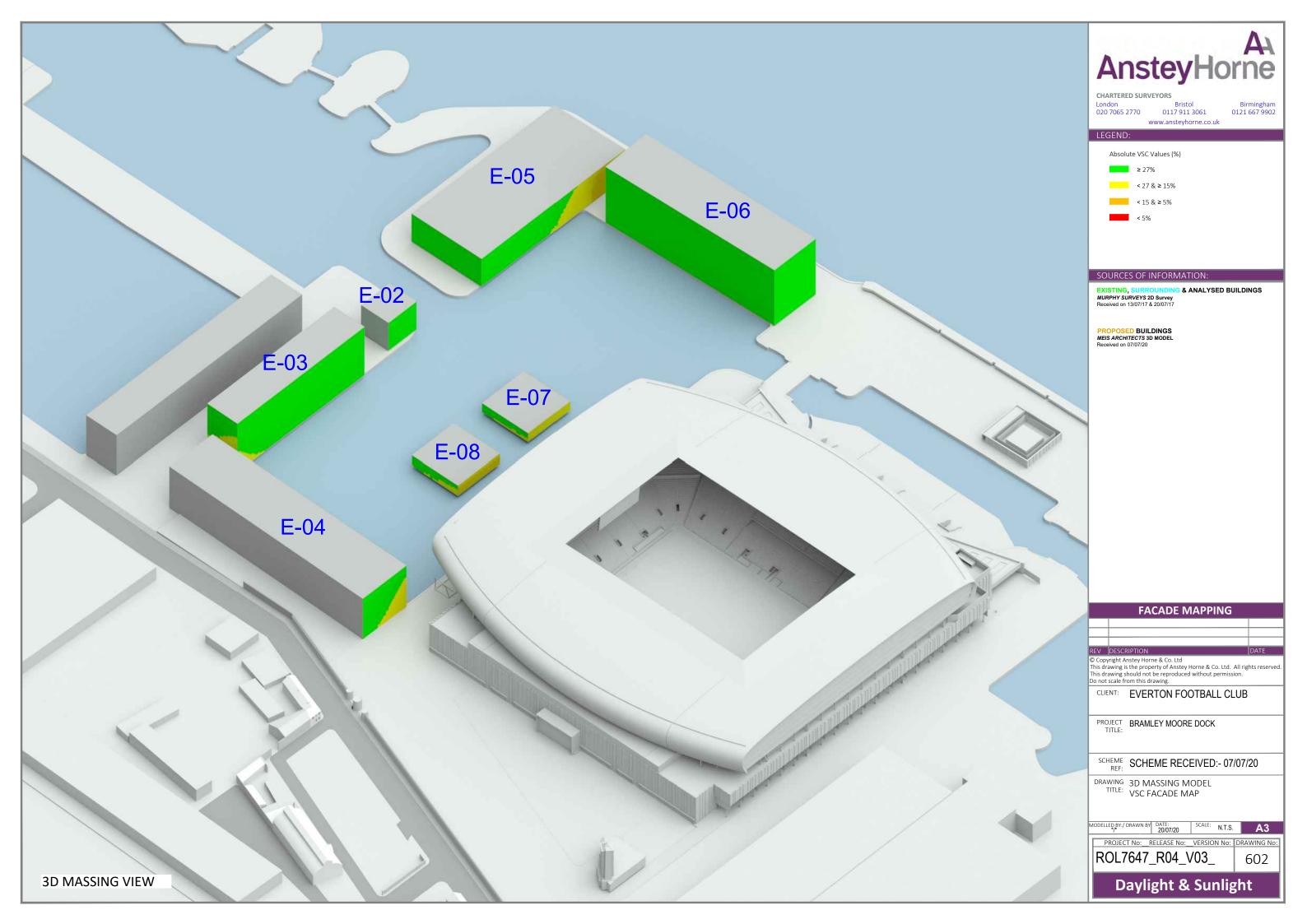
15.3.4 DD Results

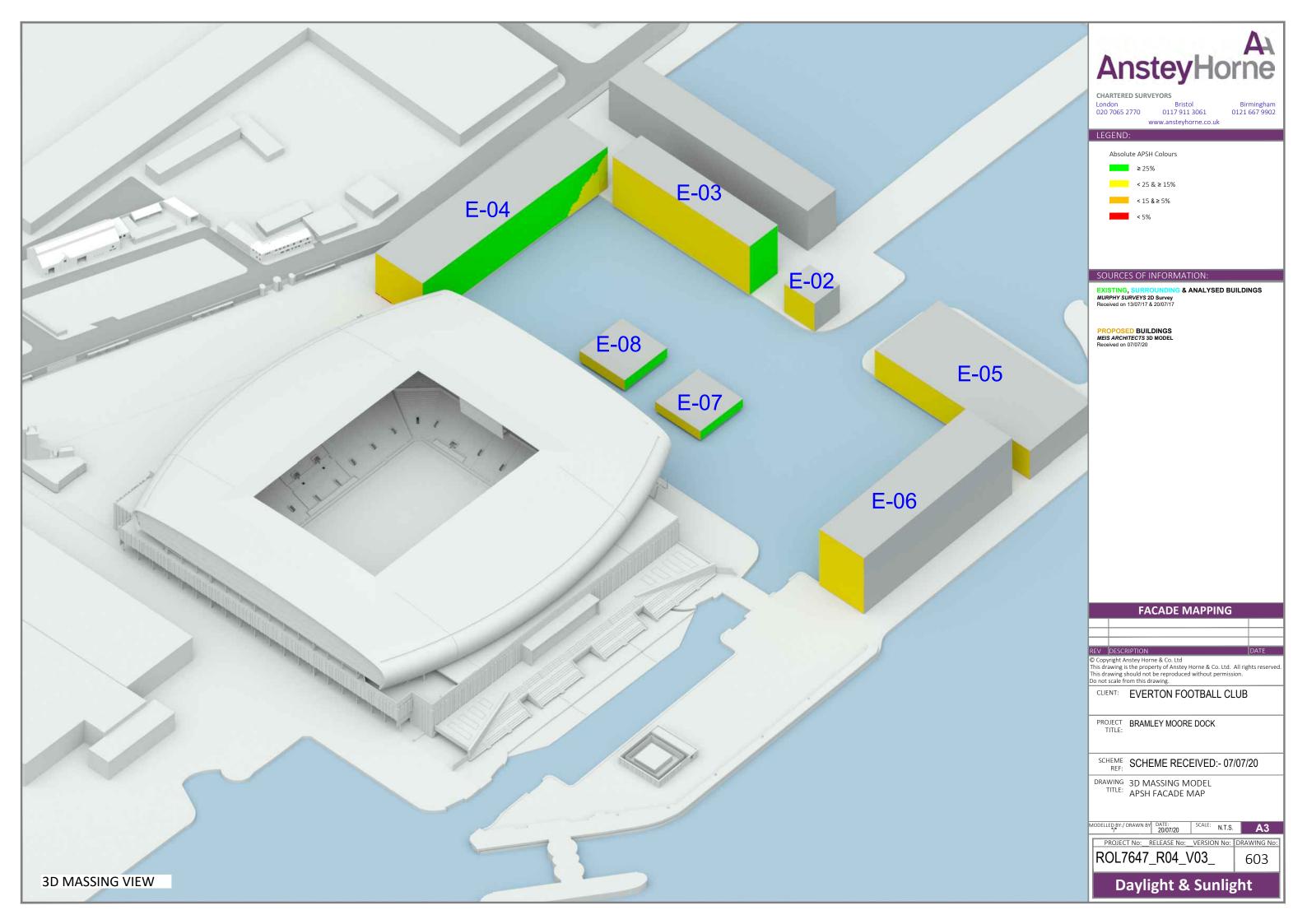
15.3.5 APSH Results

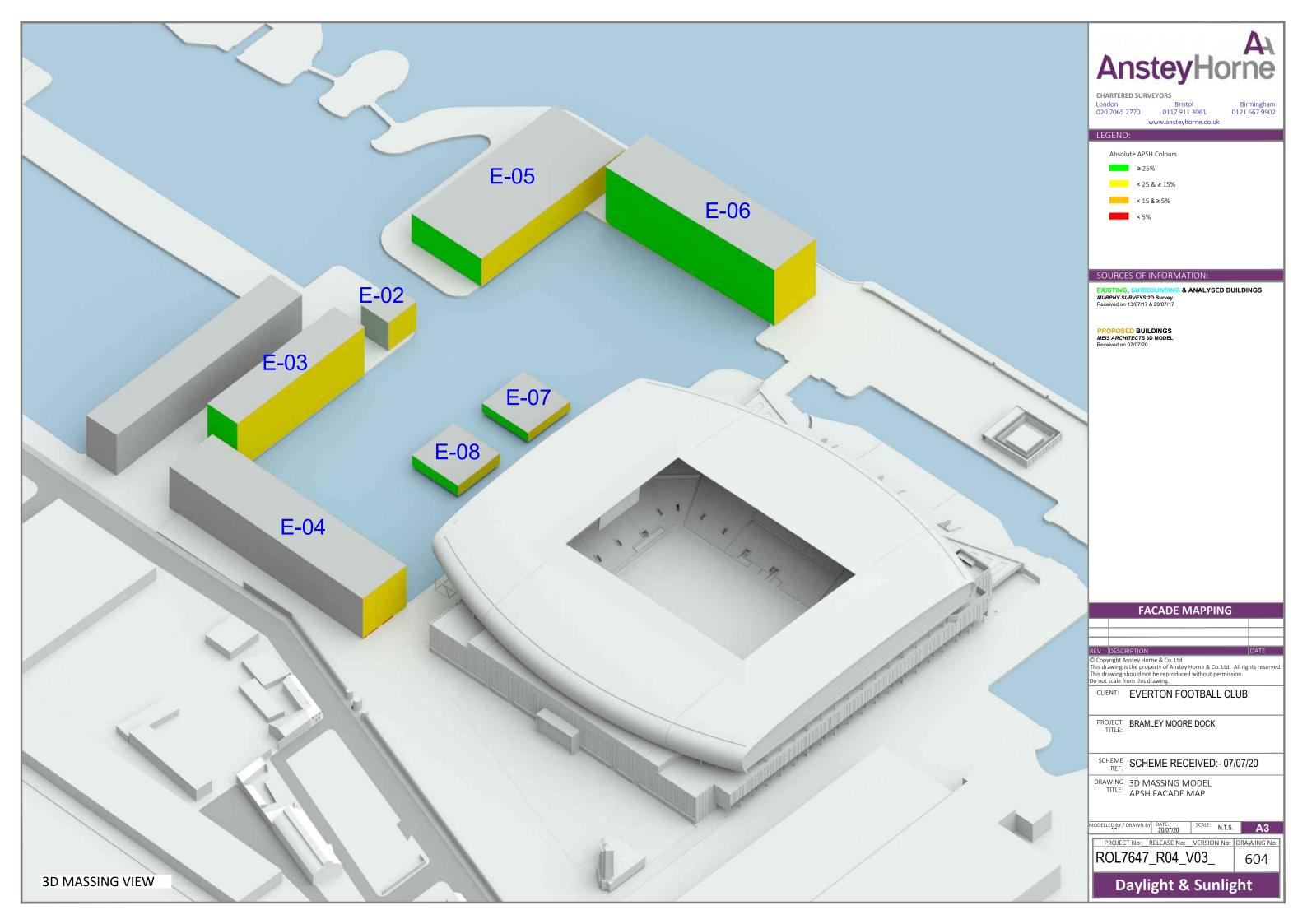
15.3.6 Façade Mapping Results

Environmental









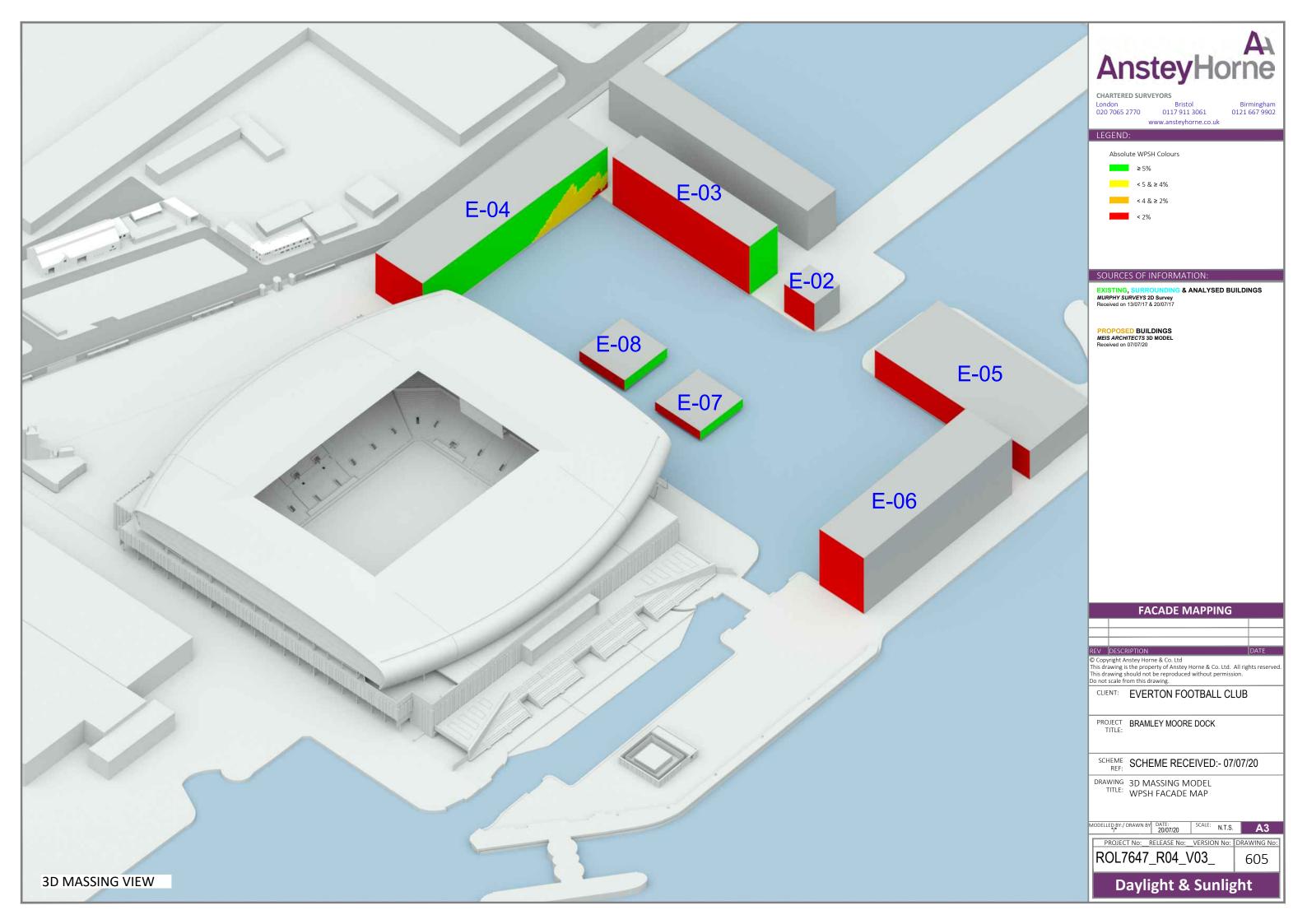


TABLE FACADE MAPPING PROPOSED BUILDING

Summary of test points results										
	VSC		APSH	l_Annual		APSH_Winter				
	No of points	Percentage		No of points	Percentage		No of points	Percentage		
	satisfying	satisfying		satisfying	satisfying		satisfying	satisfying		
	BRE target	BRE target		BRE target	BRE target		BRE target	BRE target		
VSC >=27%	15755	85%	APSH >=25%	10414	56%	APSH >=5%	9959	54%		
VSC <27% & >=15	2244	12%	APSH <25% & >=15	349	2%	APSH <5% & >=4	108	1%		
VSC <15% & >=5	558	3%	APSH <15% & >=5	7776	42%	APSH <4% & >=2	643	3%		
VSC <5%	0	0%	APSH <5%	18	0%	APSH <2%	7847	42%		

Total 18557 18557 18557

Cumulative Scenario

15.4.1 Site Plan & 3D Views

15.4.2 Daylight Distribution Contours

15.4.3 VSC Results

15.4.4 DD Results

15.4.5 APSH Results

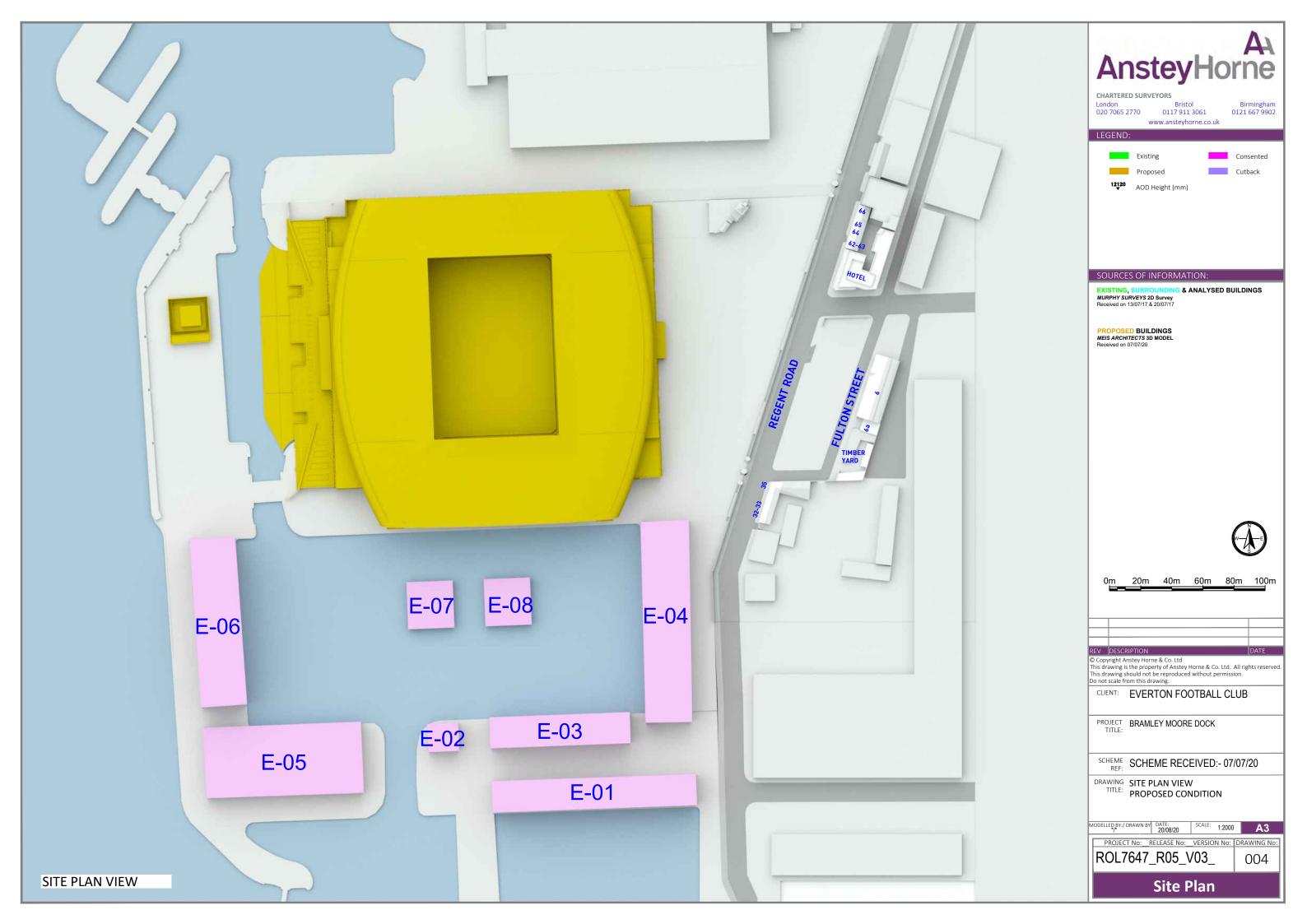
15.4.6 Façade Mapping Results

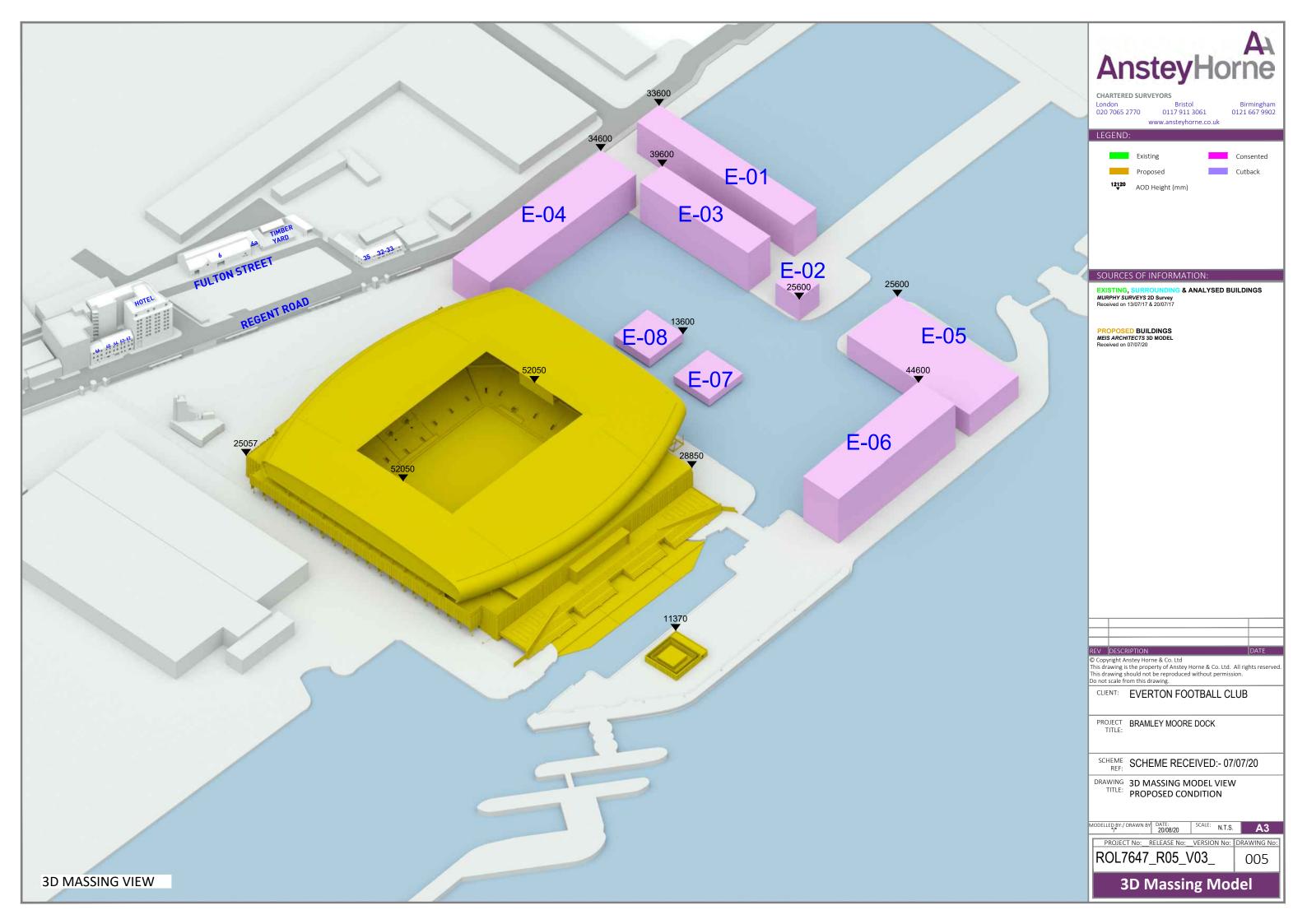
15.4.7 ADF Results

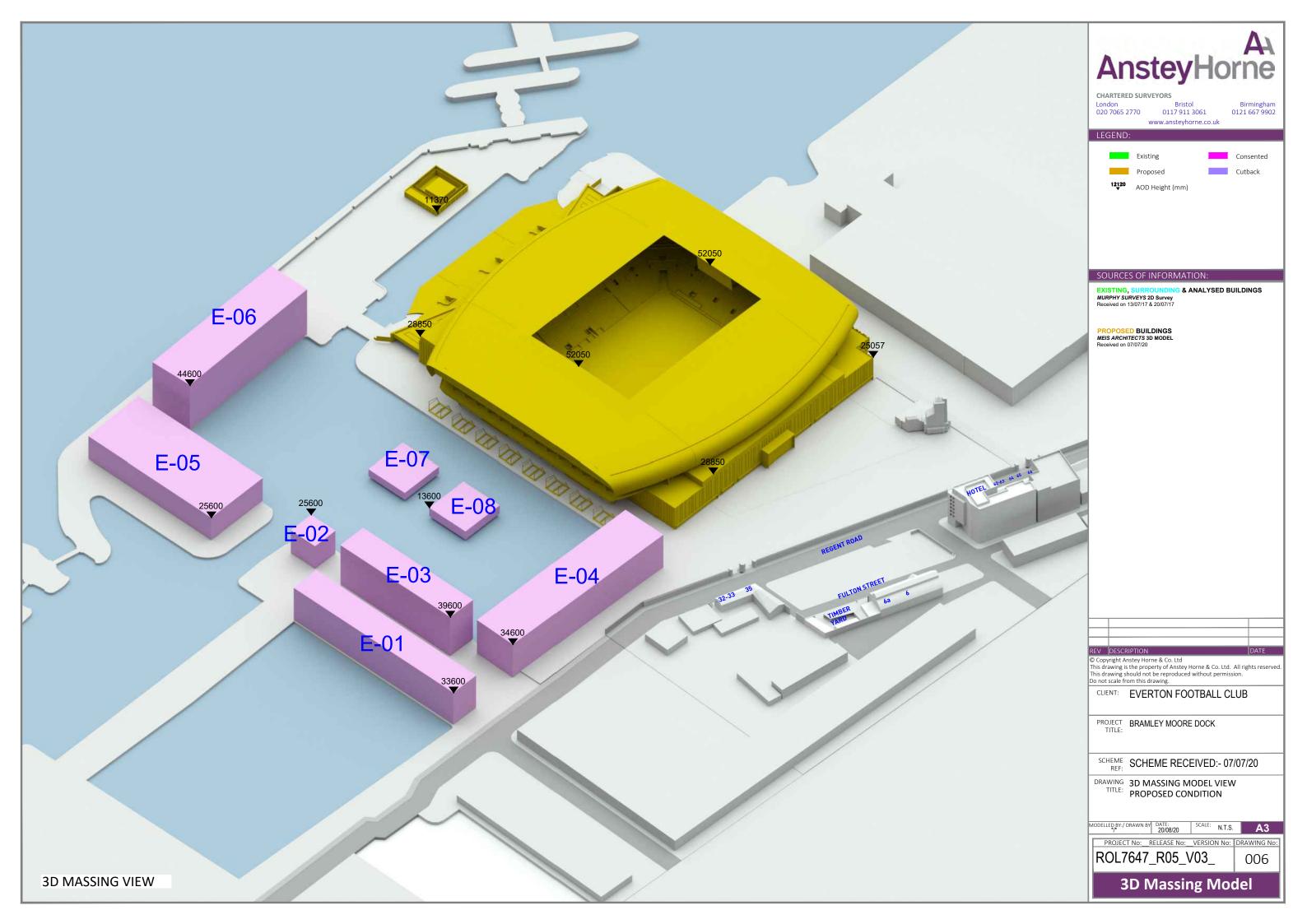
15.4.8 ADF Plans

15.4.9 APSH Results

Environmental







Cumulative Scenario

15.4.1 Site Plan & 3D Views

15.4.2 Daylight Distribution Contours

15.4.3 VSC Results

15.4.4 DD Results

15.4.5 APSH Results

15.4.6 Façade Mapping Results

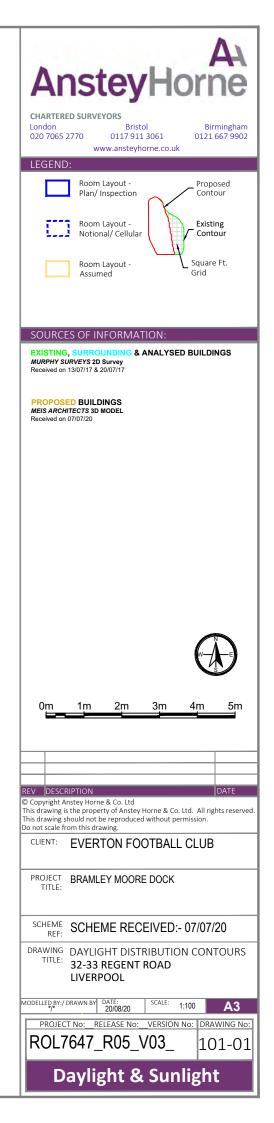
15.4.7 ADF Results

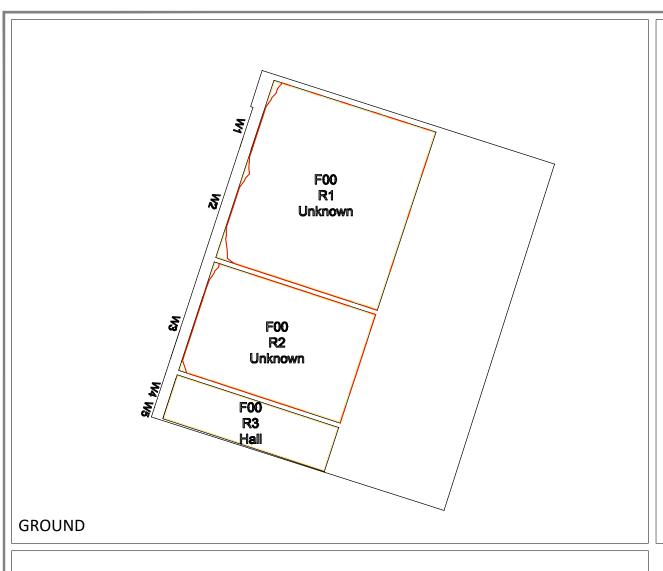
15.4.8 ADF Plans

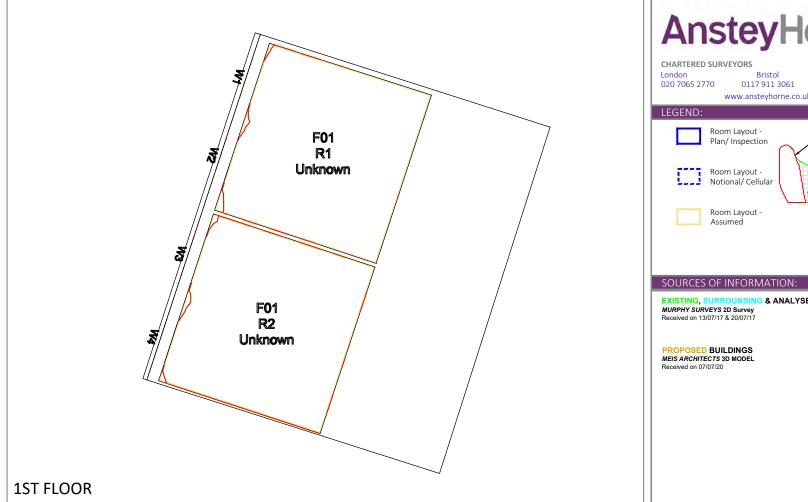
15.4.9 APSH Results

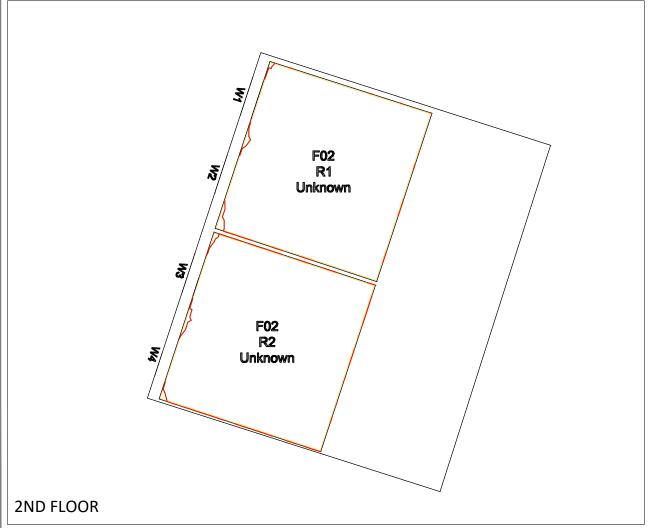
Environmental

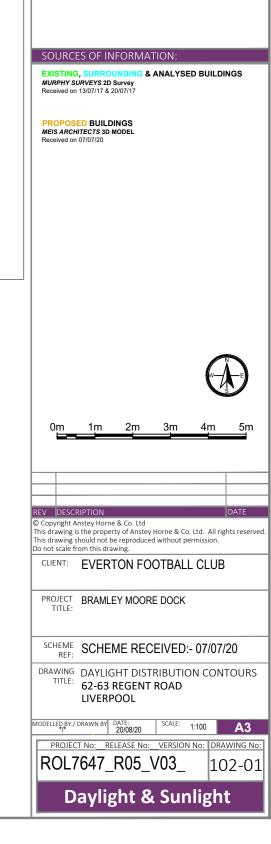












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Room Layou.
Plan/ Inspection

Room Layout -Notional/ Cellular

Room Layout -Assumed

Birmingham 0121 667 9902

Proposed Contour

Existing Contour

Square Ft.

Cumulative Scenario

15.4.1 Site Plan & 3D Views

15.4.2 Daylight Distribution Contours

15.4.3 VSC Results

15.4.4 DD Results

15.4.6 Façade Mapping Results

15.4.7 ADF Results

15.4.8 ADF Plans

15.4.9 APSH Results

Environmental

TABLE P1 VERTICAL SKY COMPONENT (VSC) SURROUNDING BUILDINGS



Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
32-33 Regent Road						
1st Floor						
R1	RESIDENTIAL	UNKNOWN	W1	35.04	29.53	N/A
R1	RESIDENTIAL	UNKNOWN	W2	34.88	29.39	N/A
R2	RESIDENTIAL	UNKNOWN	W3	34.73	29.23	N/A
R2	RESIDENTIAL	UNKNOWN	W4	34.56	29.07	N/A
R3	RESIDENTIAL	UNKNOWN	W5	34.30	28.85	N/A
R4	RESIDENTIAL	UNKNOWN	W6	33.93	28.49	N/A
R5	RESIDENTIAL	UNKNOWN	W7	33.41	28.04	N/A
R5	RESIDENTIAL	UNKNOWN	W8	34.21	34.14	N/A
62-63 Regent Road						
Gnd Floor						
R1	RESIDENTIAL	UNKNOWN	W1	35.34	33.34	N/A
R1	RESIDENTIAL	UNKNOWN	W2	35.45	33.40	N/A
R2	RESIDENTIAL	UNKNOWN	W3	35.59	33.41	N/A
1st Floor						
R1	RESIDENTIAL	UNKNOWN	W1	37.41	35.03	N/A
R1	RESIDENTIAL	UNKNOWN	W2	37.43	34.95	N/A
R2	RESIDENTIAL	UNKNOWN	W3	37.46	34.88	N/A
R2	RESIDENTIAL	UNKNOWN	W4	37.51	34.84	N/A
2nd Floor						
R1	RESIDENTIAL	UNKNOWN	W1	38.06	35.86	N/A
R1	RESIDENTIAL	UNKNOWN	W2	38.08	35.80	N/A
R2	RESIDENTIAL	UNKNOWN	W3	38.10	35.74	N/A
R2	RESIDENTIAL	UNKNOWN	W4	38.14	35.71	N/A

Cumulative Scenario

15.4.1 Site Plan & 3D Views

15.4.2 Daylight Distribution Contours

15.4.3 VSC Results

15.4.4 DD Results

15.4.5 APSH Results

15.4.6 Façade Mapping Results

15.4.7 ADF Results

15.4.8 ADF Plans

15.4.9 APSH Results

Environmental

TABLE P2 DAYLIGHT DISTRIBUTION (DD) SURROUNDING BUILDINGS

Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
32-33 Regent Road						
1st Floor						
R1	RESIDENTIAL	UNKNOWN	18.06	17.91	16.48	0.92
R2	RESIDENTIAL	UNKNOWN	16.84	16.66	15.12	0.91
R3	RESIDENTIAL	UNKNOWN	15.44	14.56	12.99	0.89
R4	RESIDENTIAL	UNKNOWN	14.32	13.74	12.20	0.89
R5	RESIDENTIAL	UNKNOWN	12.90	12.86	12.70	0.99
62-63 Regent Road						
Gnd Floor						
R1	RESIDENTIAL	UNKNOWN	22.27	21.90	21.90	1.00
R2	RESIDENTIAL	UNKNOWN	13.58	13.46	13.46	1.00
1st Floor						
R1	RESIDENTIAL	UNKNOWN	21.00	20.80	20.80	1.00
R2	RESIDENTIAL	UNKNOWN	20.89	20.72	20.72	1.00
2nd Floor						
R1	RESIDENTIAL	UNKNOWN	21.00	20.82	20.82	1.00
R2	RESIDENTIAL	UNKNOWN	20.89	20.73	20.73	1.00

Cumulative Scenario

15.4.1 Site Plan & 3D Views

15.4.2 Daylight Distribution Contours

15.4.3 VSC Results

15.4.4 DD Results

15.4.5 APSH Results

15.4.6 Façade Mapping Results

15.4.7 ADF Results

15.4.8 ADF Plans

15.4.9 APSH Results

Environmental

TABLE P3 ANNUAL PROBABLE SUNLIGHT HOURS (APSH) SURROUNDING BUILDINGS

					WINDOW					ROOM						
PROPERTY					ANNUAL SUNLIGHT (%APSH)		WINTER SUNLIGHT (% APSH IN WINTER)		ANNUAL SUNLIGHT (%APSH)		WINTER SUNLIGHT (% APSH IN WINTER)		% APSH IN			
Room ref.	Property type	Flat no.	Window ref.	Room use	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value
32-33 Regent Road																
1st Floor																
R5	RESIDENTIAL		W7	UNKNOWN	31	26	N/A	5	5	N/A						
R5	RESIDENTIAL		W8	UNKNOWN	80	77	N/A	25	25	N/A	83	78	N/A	25	25	N/A

Cumulative Scenario

15.4.1 Site Plan & 3D Views

15.4.2 Daylight Distribution Contours

15.4.3 VSC Results

15.4.4 DD Results

15.4.5 APSH Results

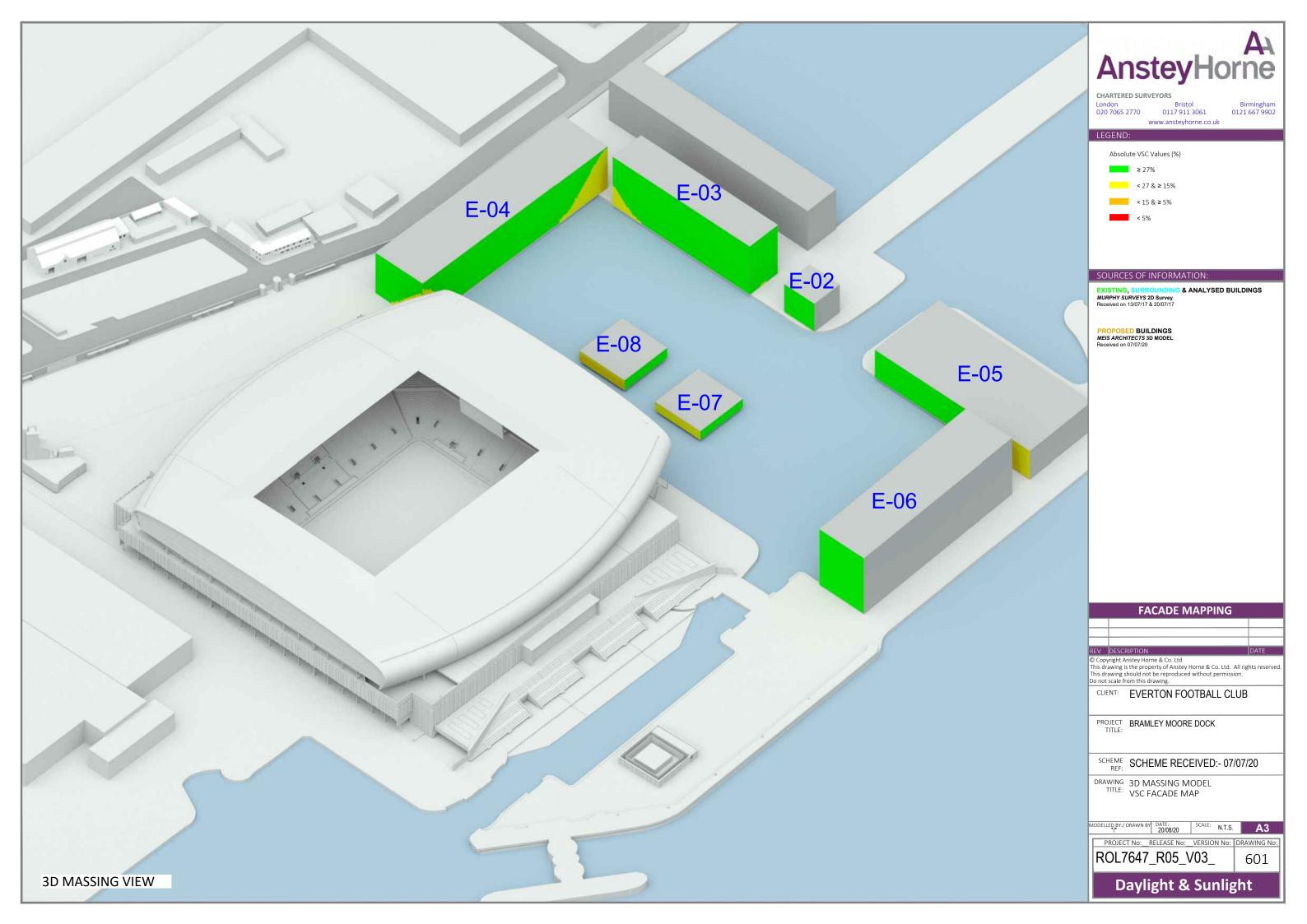
15.4.6 Façade Mapping Results

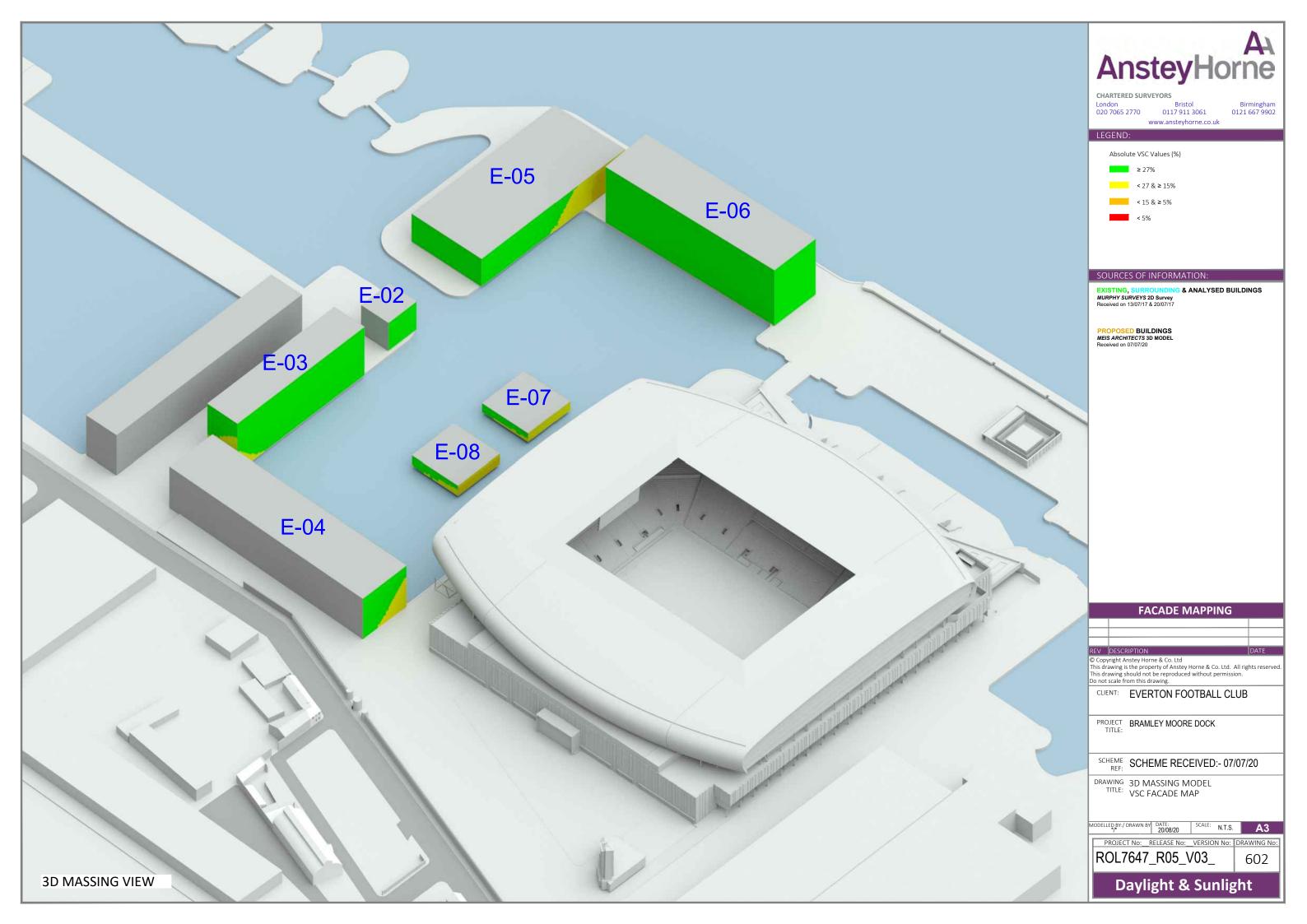
15.4.7 ADF Results

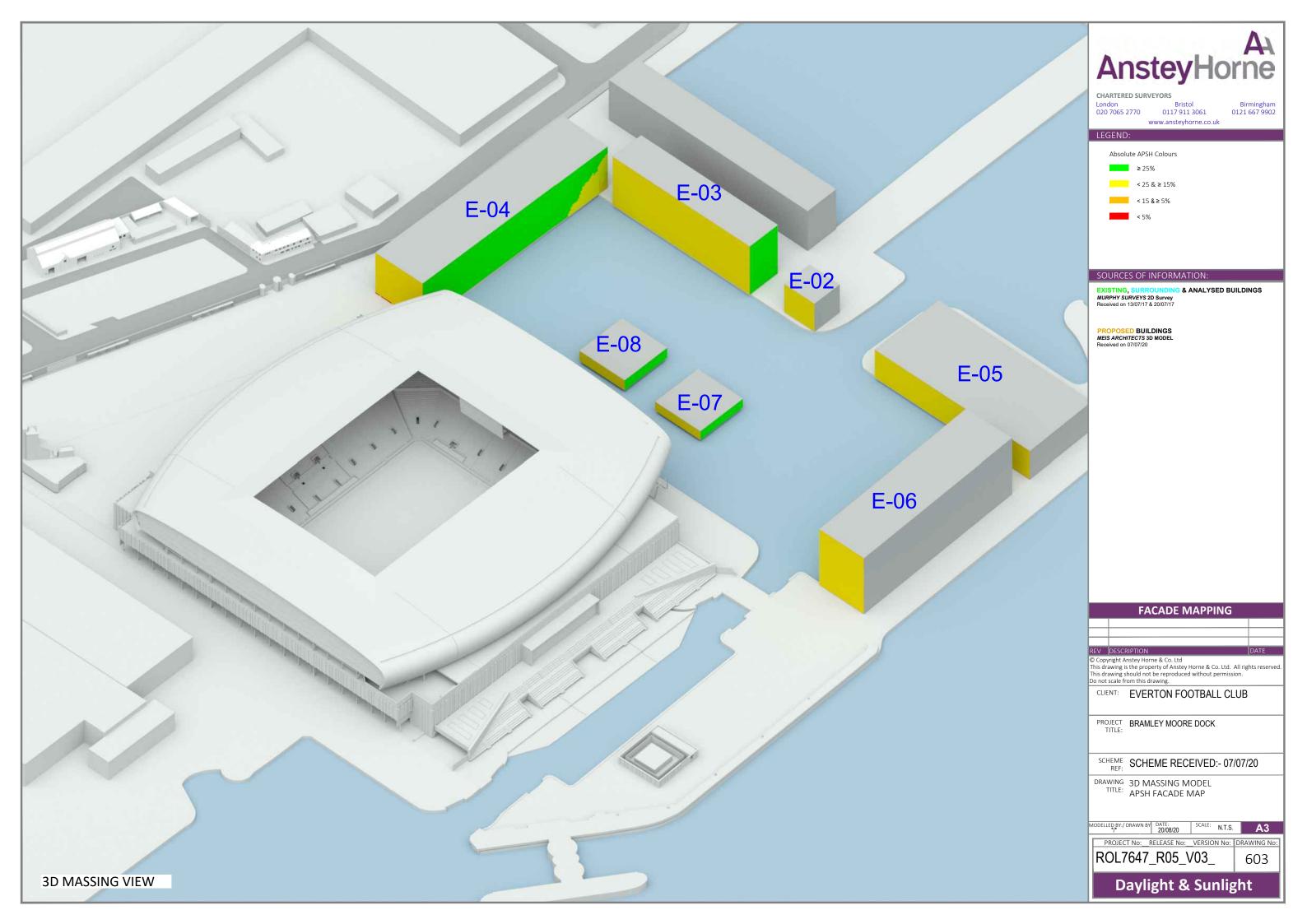
15.4.8 ADF Plans

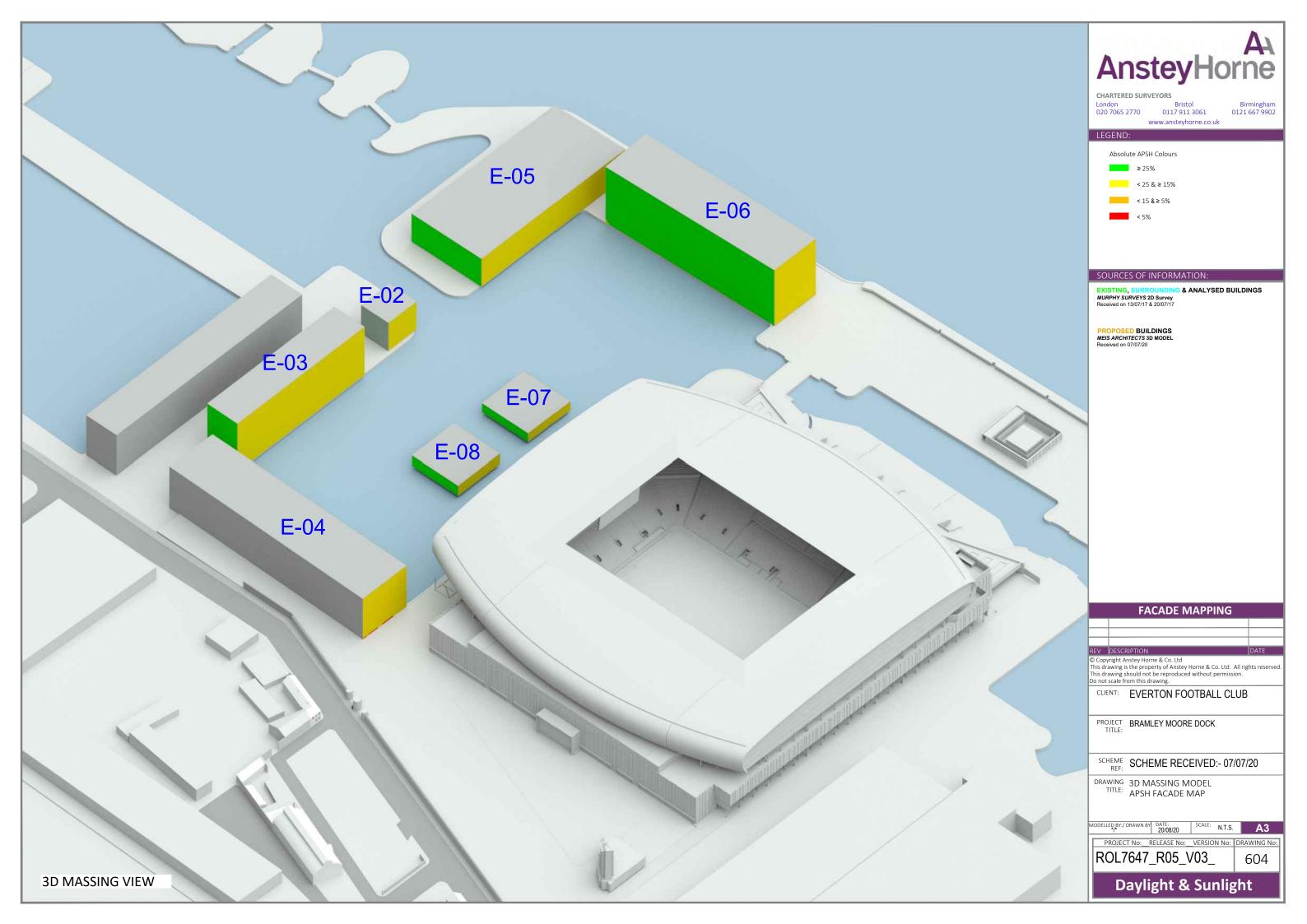
15.4.9 APSH Results

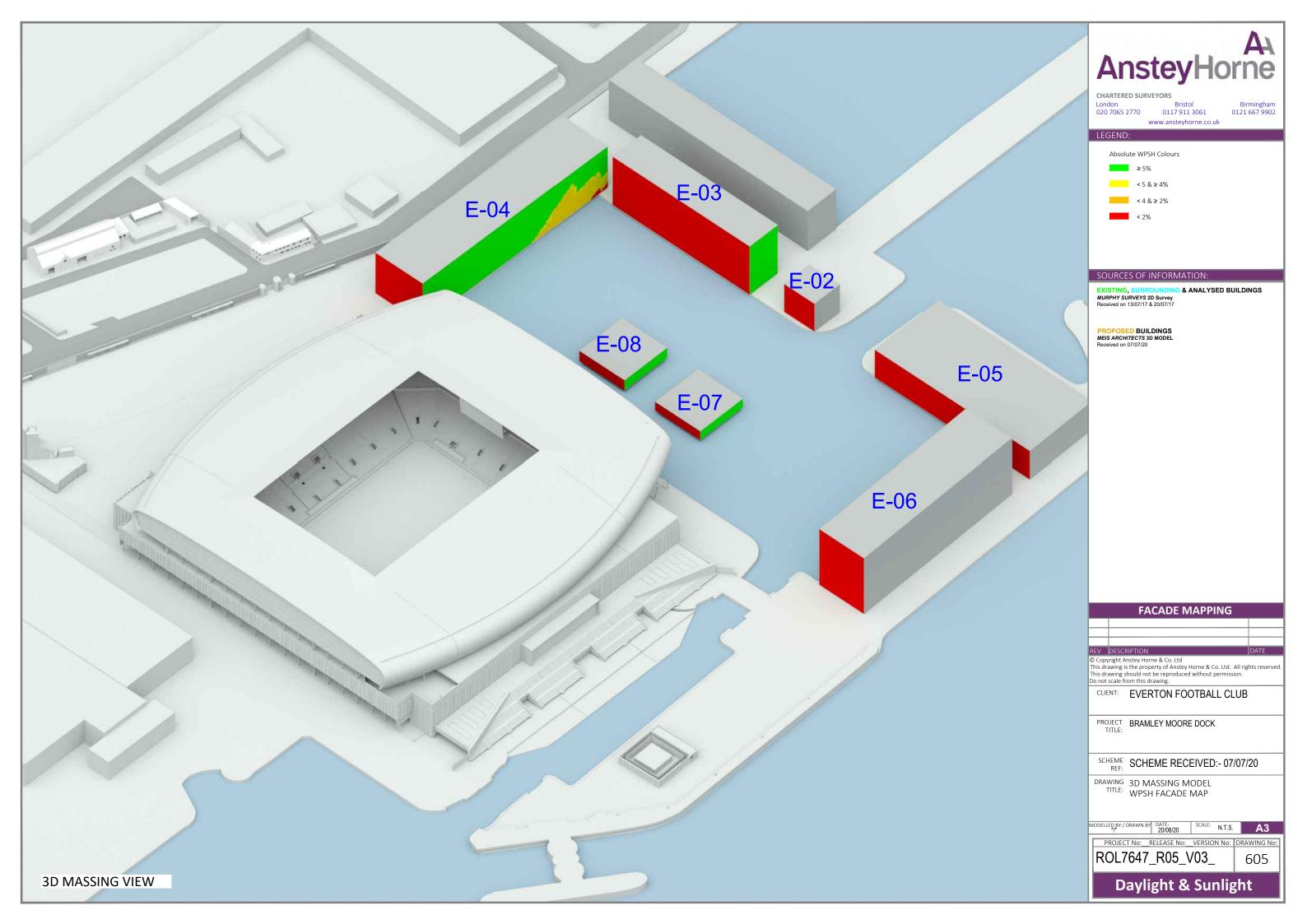
Environmental

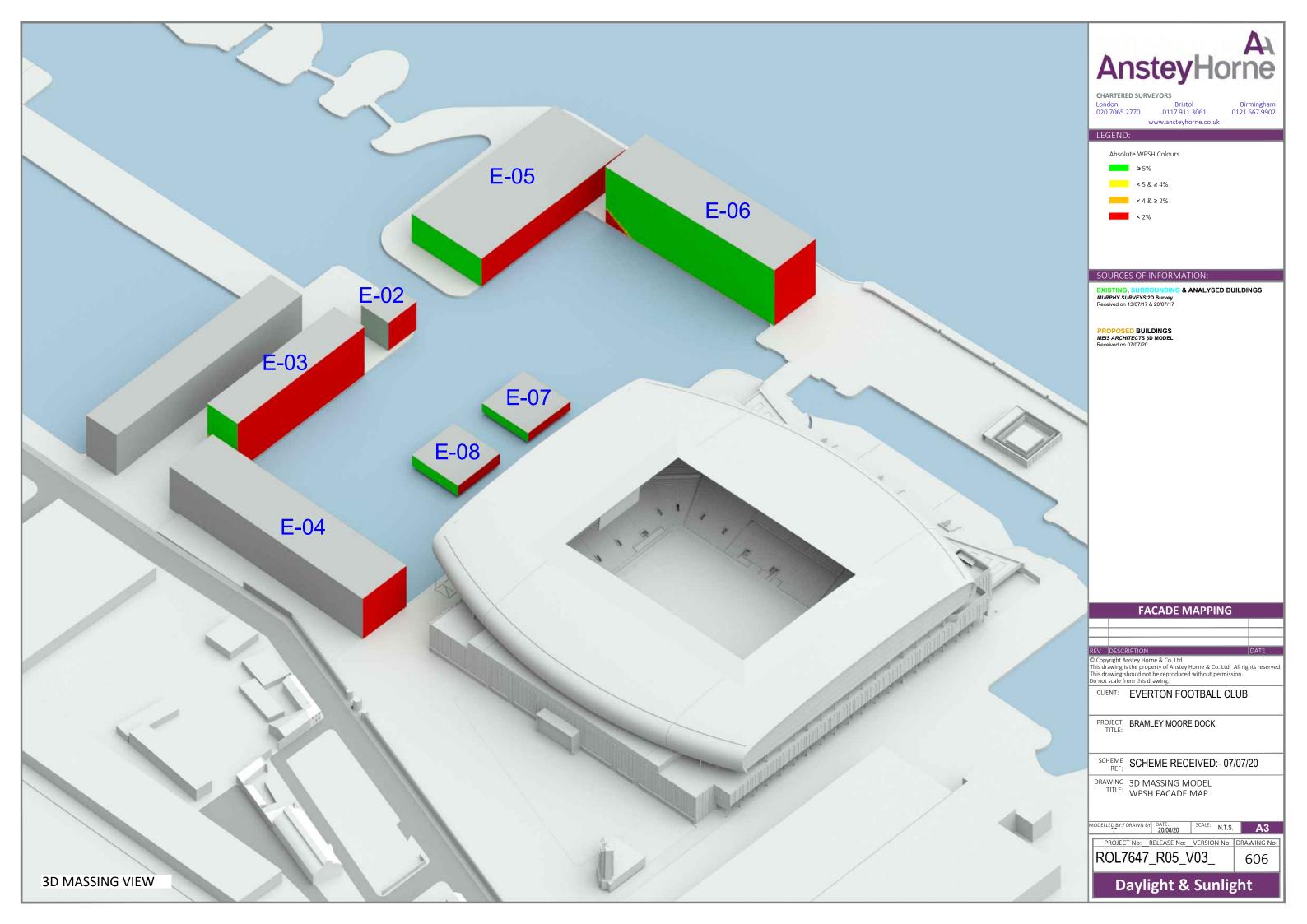












Summary of test points results											
	VSC		APSH	I_Annual		APSH_Winter					
	No of points	Percentage		No of points	Percentage		No of points	Percentage			
	satisfying	satisfying		satisfying	satisfying		satisfying	satisfying			
	BRE target	BRE target		BRE target	BRE target		BRE target	BRE target			
VSC >=27%	15739	85%	APSH >=25%	10414	56%	APSH >=5%	9959	54%			
VSC <27% & >=15	2260	12%	APSH <25% & >=15	349	2%	APSH <5% & >=4	108	1%			
VSC <15% & >=5	558	3%	APSH <15% & >=5	7776	42%	APSH <4% & >=2	643	3%			
VSC <5%	0	0%	APSH <5%	18	0%	APSH <2%	7847	42%			
Total	18557		-	18557		-	18557				

Cumulative Scenario

15.4.1 Site Plan & 3D Views

15.4.2 Daylight Distribution Contours

15.4.3 VSC Results

15.4.4 DD Results

15.4.5 APSH Results

15.4.6 Façade Mapping Results

15.4.7 ADF Results

15.4.8 ADF Plans

15.4.9 APSH Results

Environmental

TABLE P7 AVERAGE DAYLIGHT FACTOR (ADF) WITHIN PROPOSED ACCOMODATION



Parameters Used for ADF :

Glazing transmittance =0.68Wall Reflectance =0.5Maintenance Factor =0.92Floor Reflectance =0.5Glazing bar correction =0.8Ceiling Reflectance =0.5

Property /	Property	Flat	Room	Window	ADF%	
room ref.	type	no.	usage	ref.	Contrib.	Total
Regent Road Ho			and a second		- Contains	- Otal
rtogont rtodd ri	0.01					
2nd Floor						
R1	COMMERCIAL		BEDROOM	W1	2.23	2.23
R2	COMMERCIAL		BEDROOM	W2	2.23	2.23
R3	COMMERCIAL		BEDROOM	W3	2.23	2.23
R4	COMMERCIAL		BEDROOM	W4	2.23	2.23
R5	COMMERCIAL		BEDROOM	W5	2.22	2.22
R6	COMMERCIAL		BEDROOM	W6	2.22	2.22
R7	COMMERCIAL		BEDROOM	W7	2.22	2.22
R8	COMMERCIAL		BEDROOM	W8	1.51	
R8	COMMERCIAL		BEDROOM	W9	1.62	
R8	COMMERCIAL		BEDROOM	W10	1.62	4.74
3rd Floor						
R1	COMMERCIAL		BEDROOM	W1	2.28	2.28
R2	COMMERCIAL		BEDROOM	W2	2.28	2.28
R3	COMMERCIAL		BEDROOM	W3	2.27	2.27
R4	COMMERCIAL		BEDROOM	W4	2.27	2.27
R5	COMMERCIAL		BEDROOM	W5	2.27	2.27
R6	COMMERCIAL		BEDROOM	W6	2.26	2.26
R7	COMMERCIAL		BEDROOM	W7	2.26	2.26
R8	COMMERCIAL		BEDROOM	W8	1.53	
R8	COMMERCIAL		BEDROOM	W9	1.64	
R8	COMMERCIAL		BEDROOM	W10	1.64	4.81
4th Floor						
R1	COMMERCIAL		BEDROOM	W1	2.32	2.32
R2	COMMERCIAL		BEDROOM	W2	2.32	2.32
R3	COMMERCIAL		BEDROOM	W3	2.31	2.31
R4	COMMERCIAL		BEDROOM	W4	2.31	2.31
R5	COMMERCIAL		BEDROOM	W5	2.31	2.31
R6	COMMERCIAL		BEDROOM	W6	2.30	2.30
R7	COMMERCIAL		BEDROOM	W7	2.30	2.30
R8	COMMERCIAL		BEDROOM	W8	1.56	2.00
R8	COMMERCIAL		BEDROOM	W9	1.65	
R8	COMMERCIAL		BEDROOM	W10	1.65	4.87
5th Floor						
R1	COMMERCIAL		BEDROOM	W1	2.35	2.35
R2	COMMERCIAL		BEDROOM	W2	2.35	2.35
R3	COMMERCIAL		BEDROOM	W3	2.34	2.34
R4	COMMERCIAL		BEDROOM	W4	2.34	2.34
R5	COMMERCIAL		BEDROOM	W5	2.34	2.34
R6	COMMERCIAL		BEDROOM	W6	2.34	2.34
R7	COMMERCIAL		BEDROOM	W7	2.33	2.33
R8	COMMERCIAL		BEDROOM	W8	1.58	2.00

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TABLE P7 AVERAGE DAYLIGHT FACTOR (ADF) WITHIN PROPOSED ACCOMODATION



Property /	Property	Flat	Room	Window	ADF%		
room ref.	type	no.	usage	ref.	Contrib.	Total	
R8	COMMERCIAL		BEDROOM	W9	1.66		
R8	COMMERCIAL		BEDROOM	W10	1.66	4.90	
6th Floor							
R1	COMMERCIAL		BEDROOM	W1	2.37	2.37	
R2	COMMERCIAL		BEDROOM	W2	2.37	2.37	
R3	COMMERCIAL		BEDROOM	W3	2.37	2.37	
R4	COMMERCIAL		BEDROOM	W4	2.36	2.36	
R5	COMMERCIAL		BEDROOM	W5	2.36	2.36	
R6	COMMERCIAL		BEDROOM	W6	2.36	2.36	
R7	COMMERCIAL		BEDROOM	W7	2.36	2.36	
R8	COMMERCIAL		BEDROOM	W8	1.60		
R8	COMMERCIAL		BEDROOM	W9	1.66		
R8	COMMERCIAL		BEDROOM	W10	1.67	4.93	
7th Floor							
R1	COMMERCIAL		BEDROOM	W1	2.39	2.39	
R2	COMMERCIAL		BEDROOM	W2	2.39	2.39	
R3	COMMERCIAL		BEDROOM	W3	2.39	2.39	
R4	COMMERCIAL		BEDROOM	W4	2.39	2.39	
R5	COMMERCIAL		BEDROOM	W5	2.38	2.38	
R6	COMMERCIAL		BEDROOM	W6	2.38	2.38	
R7	COMMERCIAL		BEDROOM	W7	2.38	2.38	
R8	COMMERCIAL		BEDROOM	W8	1.62		
R8	COMMERCIAL		BEDROOM	W9	1.67		
R8	COMMERCIAL		BEDROOM	W10	1.67	4.96	
8th Floor							
R1	COMMERCIAL		BEDROOM	W1	2.55	2.55	
R2	COMMERCIAL		BEDROOM	W2	2.61	2.61	
R3	COMMERCIAL		BEDROOM	W3	2.59	2.59	
R4	COMMERCIAL		BEDROOM	W4	2.25	2.25	

Cumulative Scenario

15.4.1 Site Plan & 3D Views

15.4.2 Daylight Distribution Contours

15.4.3 VSC Results

15.4.4 DD Results

15.4.5 APSH Results

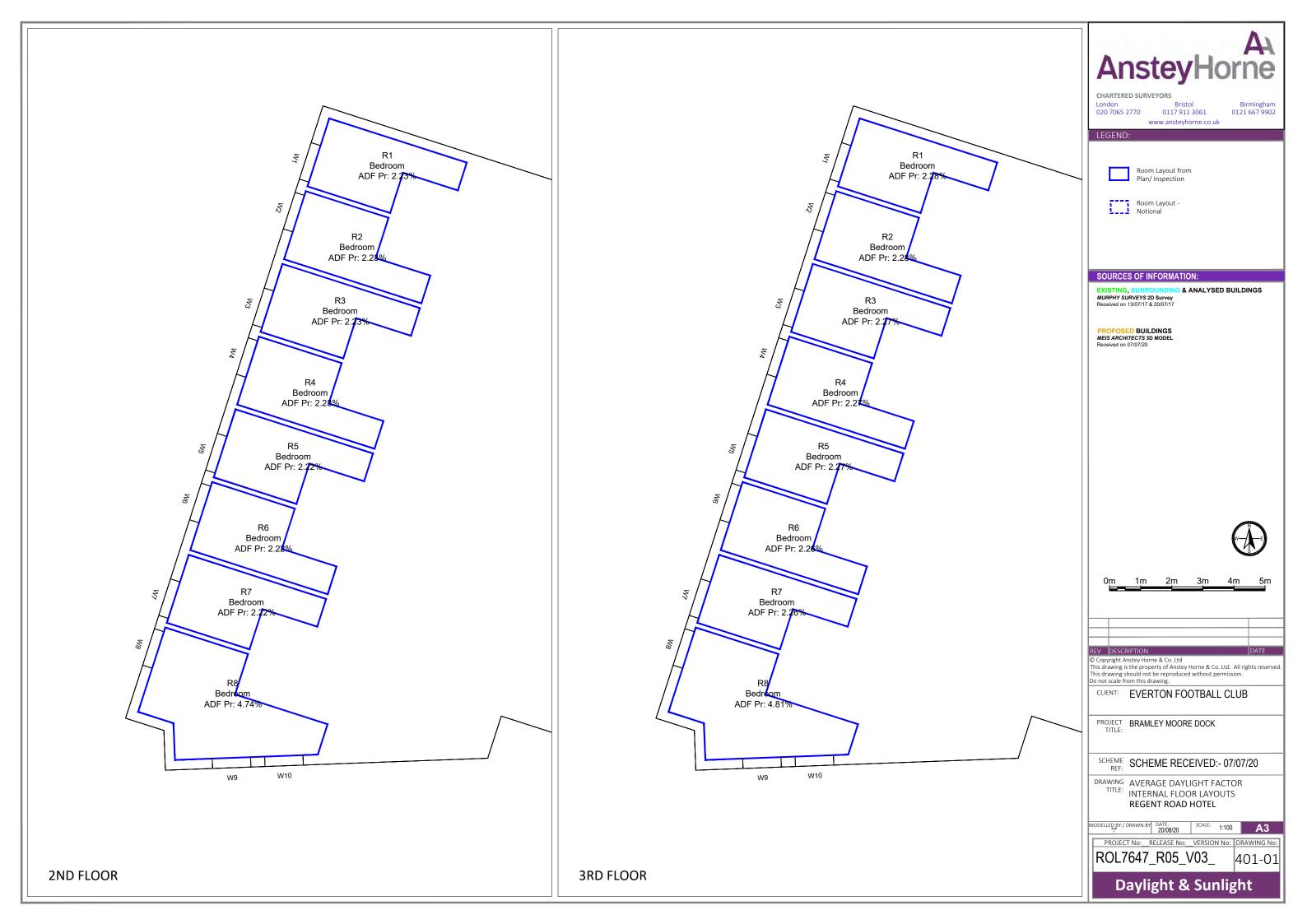
15.4.6 Façade Mapping Results

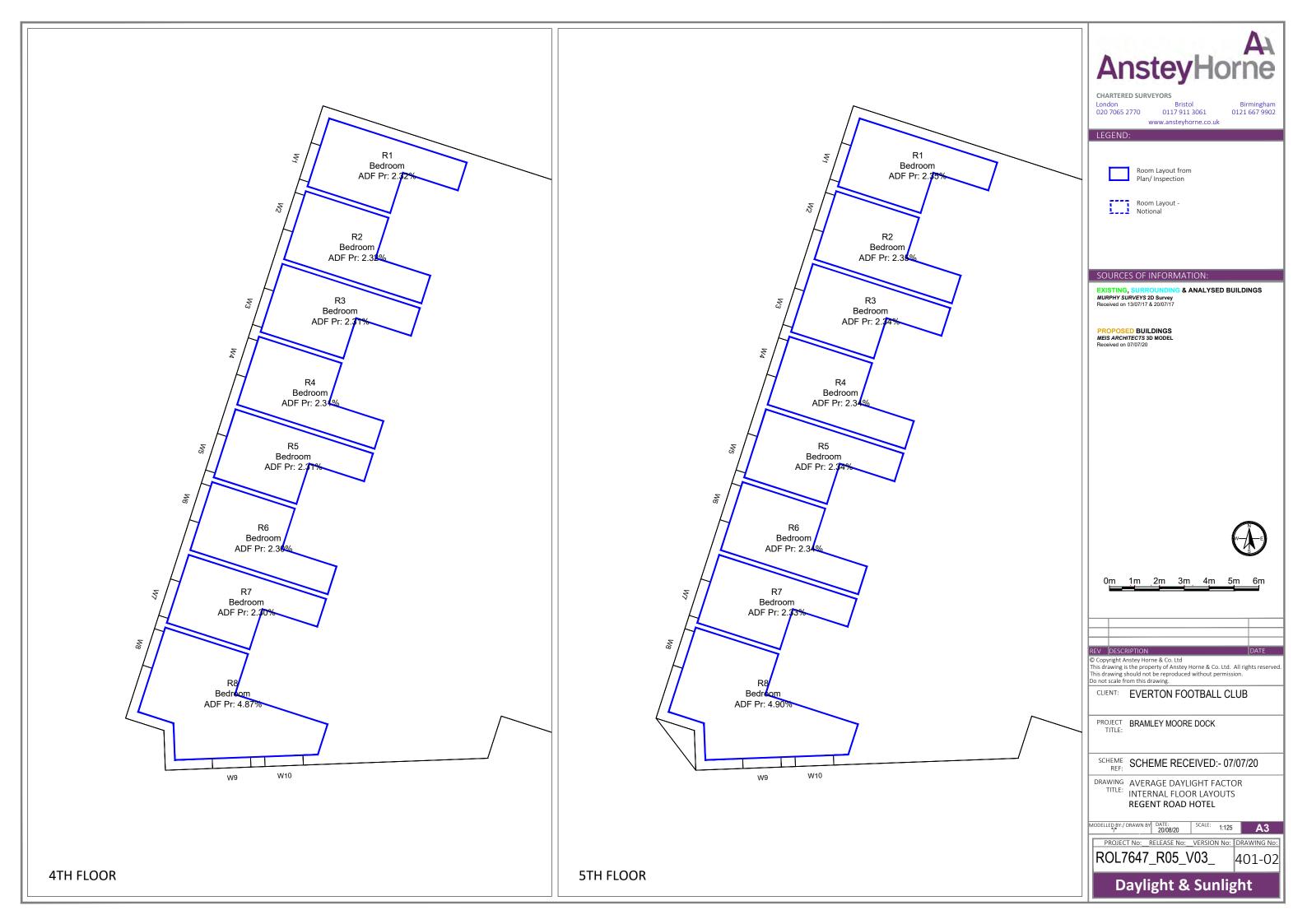
15.4.7 ADF Results

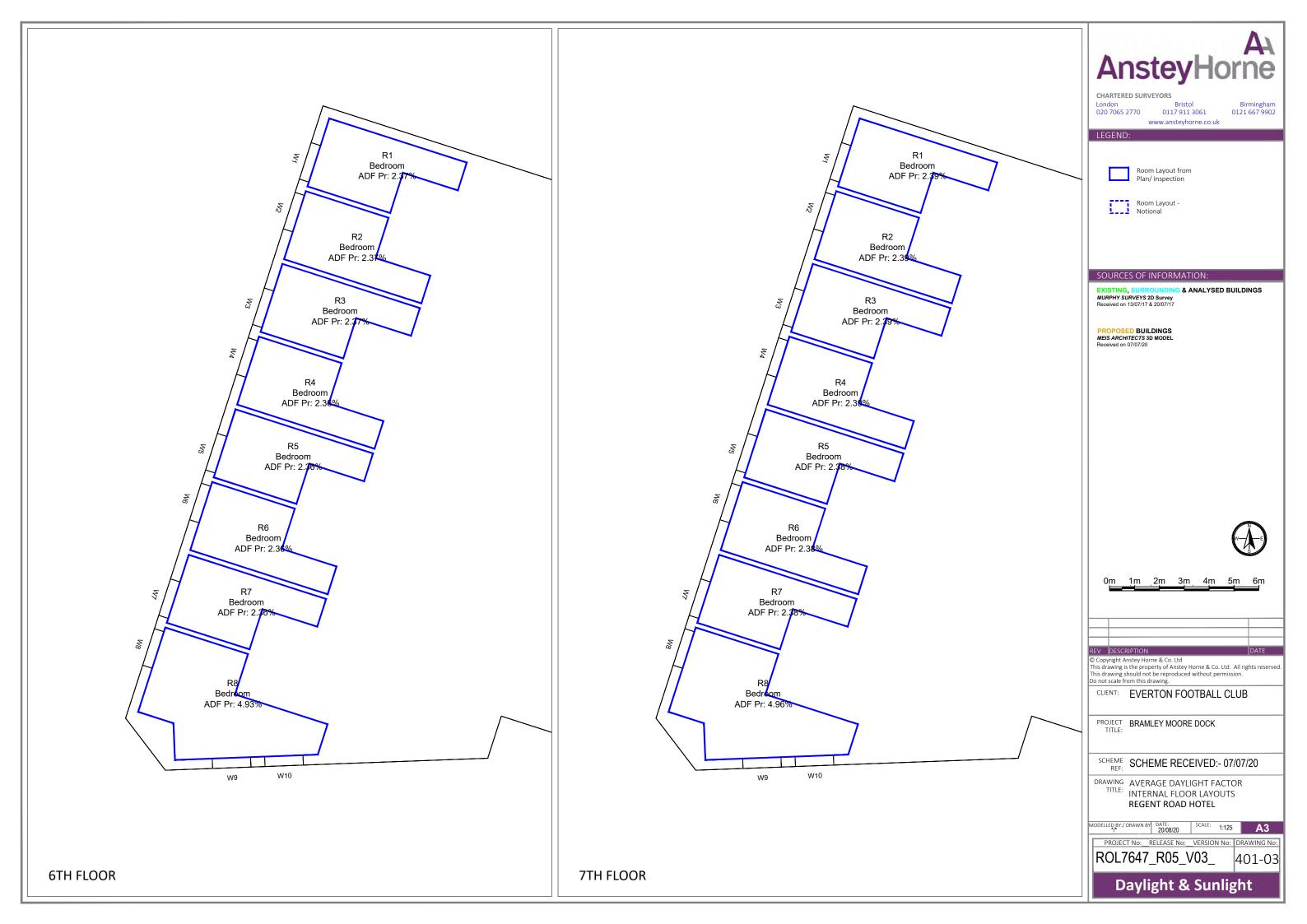
15.4.8 ADF Plans

15.4.9 APSH Results

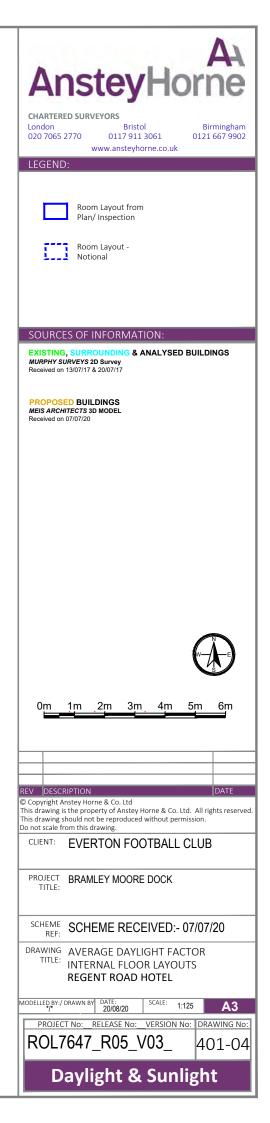
Environmental











Cumulative Scenario

15.4.1 Site Plan & 3D Views

15.4.2 Daylight Distribution Contours

15.4.3 VSC Results

15.4.4 DD Results

15.4.5 APSH Results

15.4.6 Façade Mapping Results

15.4.7 ADF Results

15.4.8 ADF Plans

15.4.9 APSH Results

Environmental

TABLE P9 ANNUAL PROBABLE SUNLIGHT HOURS (APSH) WITHIN PROPOSED ACCOMMODATION

						WIN	DOW	RC	ОМ
PROPERTY						ANNUAL SUNLIGHT	WINTER SUNLIGHT	ANNUAL SUNLIGHT	WINTER SUNLIGHT
Room ref.	Property type	Flat no.	Window ref.	Room use	Orientation	Proposed (% APSH)	Proposed (% APSH)	Proposed (% APSH)	Proposed (% APSH)
Regent Road Hotel									
2nd Floor									
R8	COMMERCIAL		W9	BEDROOM	Southerly	64	25		
R8	COMMERCIAL		W10	BEDROOM	Southerly	64	25	79	26
3rd Floor									
R8	COMMERCIAL		W9	BEDROOM	Southerly	64	25		
R8	COMMERCIAL		W10	BEDROOM	Southerly	64	25	79	26
4th Floor									
R8	COMMERCIAL		W9	BEDROOM	Southerly	64	25		
R8	COMMERCIAL		W10	BEDROOM	Southerly	64	25	79	26
5th Floor									
R8	COMMERCIAL		W9	BEDROOM	Southerly	64	25		
R8	COMMERCIAL		W10	BEDROOM	Southerly	64	25	79	26
6th Floor									
R8	COMMERCIAL		W9	BEDROOM	Southerly	64	25		
R8	COMMERCIAL		W10	BEDROOM	Southerly	65	26	81	27
7th Floor									
R8	COMMERCIAL		W9	BEDROOM	Southerly	65	26		
R8	COMMERCIAL		W10	BEDROOM	Southerly	65	26	81	27