

AVR01 Location: Grid Reference: ST 77839 19171 377839 119171 Latitude: 50.971521 -2.3169935 Longitude: Postcode (near): DT10 1PS

Address (near): Burton Street, Marnhull,

Dorset

AVR02 Location: Grid Reference: ST 78078 18813 378078 118813 50.96831 Latitude: Longitude: -2.3135625 Postcode (near): DT10 1LP Schoolhouse Lane, Marnhull, Dorset Address (near):

AVR03 Location:

Grid Reference: ST 77861 18477 377861 118477 50.965283 Latitude: Longitude: -2.3166329 Postcode (near): DT10 1QB Address (near): Chippel Lane, Walton Elm, Marnhull, Dorset

AVR04 Location:

Grid Reference: ST 78022 18333 378022 118333 50.963997 Latitude: Longitude: -2.3143342 Postcode (near): DT101QB Chippel Lane, Walton Elm, Address (near):

AVR05 Location: Grid Reference: ST 77646 19035 377646 119035

Marnhull, Dorset

50.970292 Latitude: Longitude: -2.3197329 Postcode (near): DT10 1PW Address (near): Sackmore Green, Marnhull, Dorset

Tess Square and Butts Lane AVR Study

AVR Location Plan

DRAWING NUMBER (PROJECT-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)

TSB - LHC - XX - XX - AVR - FIG - 07.01

STATUS	STATUS DESCRIPTION	
P1	PLANNING	
REVISION	DATE	SCALE
-	07/03/2025	NTS - A3
	MUST CHECK ALL DIMENSIONS ON SITE	LHC PROJECT NUMBER
	MUST BE REPORTED TO THE ARCHITECT	25025



DRAWING DATA

Total Station

A 46254

46255

46258

46259

46260 46261

46262

46263

Camera

AVR	AVR01				
Sur	vey No.	Eastings	Northings	Height	Description of Point Position
PK3	;	377838.871	119170.687	72.770	Height of Nail
Tota	I Station	377838.871	119170.687	74.430	1.660 above PK3
Can	nera	377838.871	119170.687	74.495	1.725 above PK3
Α	46228	377857.213	119146.474	74.258	1 - CHQ CENTRE
В	46229	377863.076	119122.588	73.637	2 - CHQ TOP CENTRE BOT TAPE
С	46230	377880.789	119088.528	73.657	3 - CHQ TOP CENTRE BOT TAPE
D	46231	377845.760	119156.753	74.813	4 - TOP LEFT GATE
Е	46232	377850.791	119165.201	73.528	5 - BOTTOM LEFT GATE
F	46233	378216.934	118926.532	81.636	6 - APEX WHITE BARGE BOARD
G	46234	378199.569	118914.372	82.137	7 - TOP LEFT BIG WINDOW
Н	46235	378106.193	118905.522	79.423	8 - TOP RIGHT WINDOW
1	46236	378135.914	118718.532	104.659	9 - APEX WINDOW
J	46237	378054.957	118772.123	87.157	10 - RIDGE POINT

Survey No. Eastings Northings Height Description of Point Position

118812.599 82.630

118872.132 77.703

118926.570 74.528

K 46264 377989.668 119189.968 74.644 11 - BOTTOM LEFT WINDOW

1.699 above PK6 Nail

1.764 above PK6 Nail

2 - CHQ CENTRE TOP UNDER TAPE

10 - APEX OF WHITE BARGE BOARD

1 - CHQ CENTRE

3 - CHQ CENTRE

4 - CHQ CENTRE

5 - CHQ CENTRE

6 - CHQ CENTRE

7 - TOP RIGHT WINDOW

8 - TOP RIGHT WINDOW

9 - TOP RIGHT WINDOW

378078.252 | 118812.599 | 80.866 378078.252 | 118812.599 | 82.565

378064.502 | 118837.928 | 78.912

378027.112 | 118909.519 | 76.306

378075.653 | 118907.559 | 75.099

378077.541 | 118875.051 | 77.258

377829.604 119145.017 76.454

377871.163 119176.637 77.727

377946.708 119151.991 76.336

378058.695 | 119011.689 | 72.893

378078.252

378040.822

378057.335



AVR01 Surveyed Data Locations



	à	
		And Andrews

AVR02 Surveyed Data Locations

AVR03					
Sur	vey No.	Eastings	Northings	Height	Description of Point Position
PK2	2	377861.206	118476.913	80.729	Height of Nail
Tota	al Station	377861.206	118476.913	82.359	1.630 above PK2 Nail
Can	nera	377861.206	118476.913	82.424	1.695 above PK2 Nail
Α	46205	377875.566	118485.147	81.424	11 - CHQ - TOP CENTRE UNDER TAPE
В	46206	377908.205	118500.780	82.248	12 - CHQ - TOP CENTRE UNDER TAPE
С	46207	377941.063	118523.802	83.105	13 - CHQ - TOP CENTRE UNDER TAPE
D	46208	377896.723	118543.457	84.428	14 - CHQ - TOP CENTRE UNDER TAPE
Е	46210	377921.046	118532.312	83.597	15 - CHQ - TOP CENTRE UNDER TAPE
F	46211	377965.114	118637.241	93.336	16 - RIDGE END
G	46212	378134.572	118718.390	109.765	17- TOP STONE SPIRE
Н	46213	378138.559	118674.468	97.114	18 - TOP LEFT CHIM POT
1	46214	377962.002	118612.437	87.008	19- TOP STONE GABLE
J	46215	378023.502	118613.04	88.748	20 - TOP LEFT WINDOW



AVR03 Surveyed Data Locations

AVF	R04				
Sur	vey No.	Eastings	Northings	Height	Description of Point Position
PK1		378022.021	118333.189	73.375	Height of Nail
Tota	al Station	378022.021	118333.189	75.039	1.664 above PK1 Nail
Can	nera	378022.021	118333.189	75.104	1.729 above PK1 Nail
Α	46194	378022.811	118351.563	75.144	1 - CHQ - MID BOT OF TAPE
В	46195	378024.864	118384.264	77.044	2 - CHQ - MID BOT OF TAPE
С	46196	378035.442	118419.509	79.000	3 - CHQ - MID BOT OF TAPE
D	46197	378065.522	118410.247	78.536	4 - CHQ - MID BOT OF TAPE
Е	46198	378230.478	118667.190	92.461	5- RIDGE END
F	46199	378154.823	118680.068	96.142	6 - TOP LEFT BRK CHIMNEY TOP
G	46200	378134.587	118718.372	109.760	7- TOP STONE POINT SPIRE
Н	46201	378054.221	118659.822	95.584	8- TOP RIGHT BRK CHIMNEY
1	46202	378012.418	118612.753	89.839	9- TOP APEX WHITE BARGE BOARD
J	46203	378214.710	118673.816	94.289	10 - TOP LEFT CHIMNEY BRK



AVR04 Surveyed Data Locations

AVR05					
Sur	vey No.	Eastings	Northings	Height	Description of Point Position
PK5	5	377645.928	119034.939	74.113	Height of Nail
Tota	al Station	377645.928	119034.939	75.798	1.685 above PK5
Can	nera	377645.928	119034.939	75.863	1.750 above PK5
Α	46240	377661.474	119025.398	73.858	11-CHQ CENTRE
В	46241	377679.763	119001.298	72.972	12 - CHQ CENTRE TOP UNDER TAPE
С	46242	377718.544	118965.011	72.512	13 - CHQ CENTRE
D	46243	377812.650	118972.326	71.075	14 - CHQ CENTRE
Е	46244	377774.337	118993.540	71.178	15 - CHQ CENTRE
F	46245	377723.332	119007.665	72.454	16 - CHQ CENTRE
G	46246	378105.819	118906.904	79.419	17 - TOP LEFT WINDOW
Н	46247	378184.385	118815.926	86.325	18 - TOP RIGHT WIND
1	46248	378106.620	118728.292	96.649	19 - TOP LEFT CHIMNEY
J	46249	378021.620	118696.170	94.022	20 - TOP OF SPIRE



AVR05 Surveyed Data Locations

Tess Square and Butts Lane AVR Study

Surveyed Viewpoint Data

ISB - L	.HC - XX - XX - AVR - FIG - 07
STATUS	STATUS DESCRIPTION
P1	PLANNING

REVISION	DATE	SCALE
-	07/03/2025	NTS - A3
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AVR01 AVR02 AVR03





AVR05

Tess Square and Butts Lane AVR Study

AVR Survey Locations

DRAWING NUMBER (PROJECT-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER)
TSB - LHC - XX - XX - AVR - FIG - 07.03

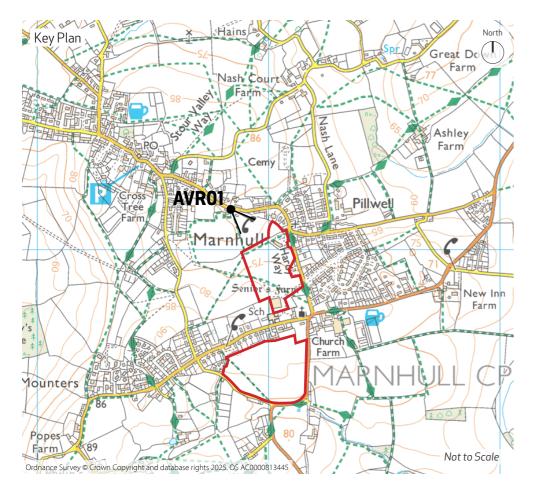
STATUS P1	PLANNING	
REVISION	DATE	SCALE
-	07/03/2025	NTS - A3







EXISTING PROPOSED



TECHNICAL INFORMATION

Camera: Nikon D610
Focal Length: 50mm (35mm; in 50mm)

VIEWPOINT INFORMATION

Viewpoint: AVR01
Time Taken: 12:09
Date Taken: 25/02/2025
Visibility: Good

LOCATION INFORMATION

 Location:
 AVR01

 Grid Reference:
 ST 77839 19171

 X:
 377839

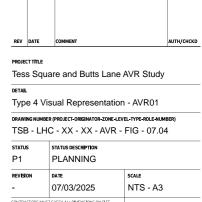
 Y:
 119171

 Latitude:
 50.971521

 Longitude:
 -2.3169935

 Postcode (near):
 DT101PS

Address (near): Burton Street, Marnhull, Dorset





25025



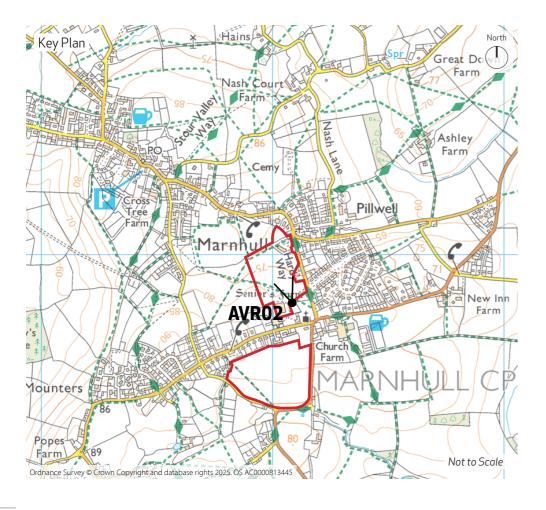






PROPOSED

EXISTING



TECHNICAL INFORMATION

Camera: Nikon D610
Focal Length: 50mm (35mm; in 50mm)

VIEWPOINT INFORMATION

Viewpoint: AVR02
Time Taken: 13:58
Date Taken: 25/02/2025
Visibility: Good

LOCATION INFORMATION

 Location:
 AVR02

 Grid Reference:
 ST 78078 18813

 X:
 378078

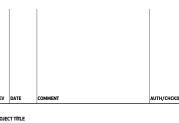
 Y:
 118813

 Latitude:
 50.96831

 Longitude:
 -2.3135625

 Postcode (near):
 DT101LP

Address (near): Schoolhouse Lane, Marnhull, Dorset



PROJECT TITLE

Tess Square and Butts Lane AVR Study

DETAIL

Type 4 Visual Representation - AVR02

TSB - LHC - XX - XX - AVR - FIG - 07.05

STATUS	STATUS DESCRIPTION
P1	PLANNING

REVISION	DATE	SCALE
	07/03/2025	NTS - A3
	CHECK ALL DIMENSIONS ON SITE ASIONS ARE TO BE WORKED FROM	LHC PROJECT NUMBER
	T BE REPORTED TO THE ARCHITECT	25025



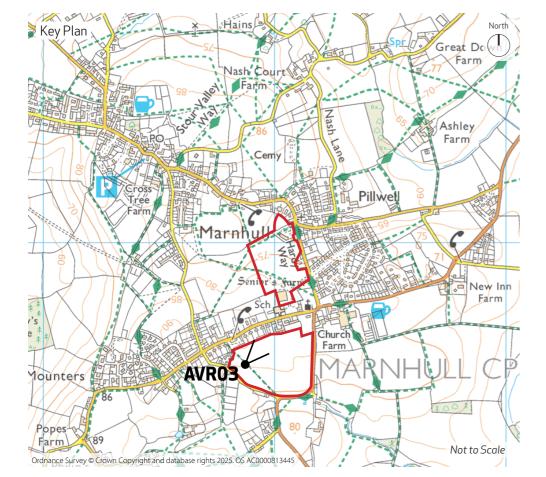








EXISTING PROPOSED



TECHNICAL INFORMATION

Camera: Nikon D610
Focal Length: 50mm (35mm; in 50mm)

VIEWPOINT INFORMATION

Viewpoint: AVR03
Time Taken: 10:46
Date Taken: 25/02/2025
Visibility: Good

LOCATION INFORMATION

 Location:
 AVRO3

 Grid Reference:
 ST 7786118477

 X:
 377861

 Y:
 118477

 Latitude:
 50.965283

 Longitude:
 -2.3166329

 Postcode (near):
 DT10 1QB

 Address (near):
 Chippel Lane, Walton Elm,

Marnhull, Dorset



PROJECT TITLE

Tess Square and Butts Lane AVR Study

ETAIL

Type 4 Visual Representation - AVR03

TSB - LHC - XX - XX - AVR - FIG - 07.06

STATUS STATUS DESCRIPTION
P1 PLANNING

EVISION DATE
07/03/2025
NTS - A3

INTRACTORS MUST CHECK ALL DIMENSIONS ON SITE
EAY PROJECT PROMISED FROM
SCREPANCES MUST BE REPORTED TO THE ARCHITECT
25025



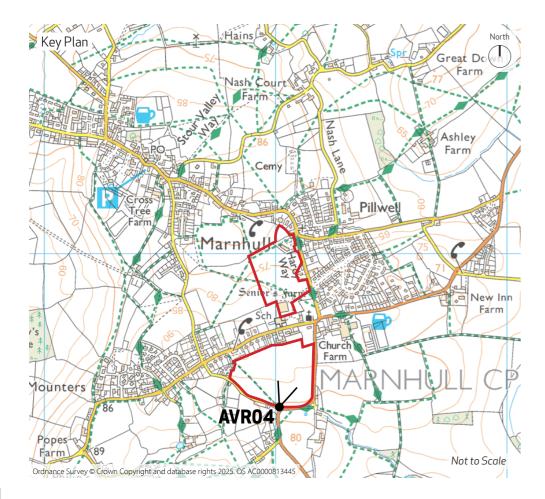








PROPOSED



TECHNICAL INFORMATION

Nikon D610 Camera: Focal Length: 50mm (35mm; in 50mm)

VIEWPOINT INFORMATION

AVR04 Viewpoint: Time Taken: 09:57 25/02/2025 Date Taken: Visibility: Good

LOCATION INFORMATION

AVR04 Location: Grid Reference: ST 7802218333 378022 118333 Latitude: 50.963997 -2.3143342 Longitude: Postcode (near): DT101QB Address (near): Chippel Lane, Walton Elm, Marnhull, Dorset



Tess Square and Butts Lane AVR Study

Type 4 Visual Representation - AVR04

TSB - LHC - XX - XX - AVR - FIG - 07.07

STATUS	STATUS DESCRIPTION
P1	PLANNING
REVISION	DATE

NTS - A3 07/03/2025 25025



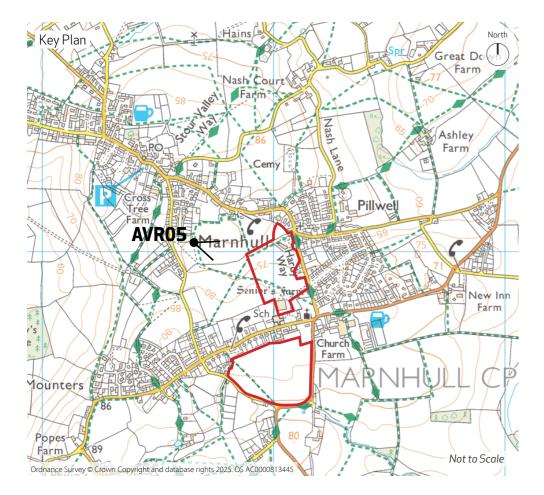








EXISTING PROPOSED



TECHNICAL INFORMATION

Camera: Nikon D610
Focal Length: 50mm (35mm; in 50mm)

VIEWPOINT INFORMATION

Viewpoint: AVR05
Time Taken: 13:02
Date Taken: 25/02/2025
Visibility: Good

LOCATION INFORMATION

 Location:
 AVR05

 Grid Reference:
 ST 7764619035

 X:
 377646

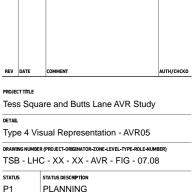
 Y:
 119035

 Latitude:
 50.970292

 Longitude:
 -2.3197329

 Postcode (near):
 DT10 1PW

Address (near): Sackmore Green, Marnhull, Dorset



21	PLANNING	
REVISION .	DATE 07/03/2025	SCALE NTS - A3
ONTRACTORS MUST CHECK ALL DIMENSIONS ON SITE NLY FIGURED DIMENSIONS ARE TO BE WORKED FROM ISCREPANCES MUST BE REPORTED TO THE ARCHITECT EFORE PROCEEDING O THIS DRAWING IS COPYRIGHT		LHC PROJECT NUMBER







METHODOLOGY FOR THE PRODUCTION OF ACCURATE VISUAL REPRESENTATIONS (AVR)

1. INTRODUCTION

This methodology outlines the process followed to produce Accurate Visual Representations (AVR) in accordance with the *Landscape Institute's Technical Guidance Note 06/19*. This document ensures that visual representations adhere to Type 4 Survey Verifiable standards, providing reliable and verifiable imagery for assessment and decision-making.

2. VIEWPOINT COLLATION AND SURVEYING STANDARDS

For the selection and collation of viewpoints, a qualified surveyor attended the site equipped with professional surveying equipment and a full-frame DSLR camera with a fixed 50mm lens, in compliance with Type 4 Survey Verifiable standards. The following steps were undertaken:

- Survey control points were established and geo-referenced using GPS and total station survey methods.
- Camera positions and viewing directions were recorded with precision, ensuring that all necessary metadata (e.g., height, focal length, and location) was documented accurately.
- Photographs were taken under appropriate lighting and atmospheric conditions to maintain consistency with guidance standards.

	Table 2	Type 1	Type 2	Type 3	Type 4
Visualisation Types 1-4		Annotated Viewpoint Photograph	3D Wireline / Model (non-photographic)	Photomontage / Photowire	Photomontage / Photowire Survey / Scale Verifiable
Aim of the Visualisation		To represent context and outline or extent of development and of key features	To represent 3D form of development / context	To represent appearance, context, form and extent of development	To represent scale, appearance, context, form, and extent of development
Photographic Equipment	Tripod	Recommended but discretionary	Not relevant	Recommended	Necessary
	Panoramic head	Not relevant		Recommended for panoramas	Necessary for panoramas
¥ m	Minimum Camera / Lens	Cropped frame or FFS + 50mm	Not relevant	Cropped frame or FFS + 50mm	Full Frame Sensor (FFS) + 50mm FL lens ¹
Locational	Source of camera/viewpoint location data	GPS, OS Maps, geo-referenced aerial photography	Varies according to technology	Use good quality data: GPS, OS Maps, geo-referenced aerial photography, LIDAR	Use best available data: High resolution commercial data, LIDAR, GNSS, or measured / topographic surveys
	Survey-verified ²	Not relevant			When appropriate
	Verifiable (SNH) ³		Not relevant		Required
	3D model	Not required	Required		
Data & Presentation	Image Enlargement *	Typically 100%	Not relevant	Typically 100%	100% - 150%
	Form of Visualisation	sketch / outline / arrows	massing / wireline / textured	wireling / massing / rendered / textured to agreed AVR level "	
	Viewpoint mapping	Dedicated viewpoint location plan		Dedicated viewpoint location plan, + individual inset maps recommended	
	Reporting of methodology and data sources	Outline description of sources and methodology recommended		Data, sources and methodology recommended	Verifiable data, sources and methodology required

Technical Guidance Note 06/19: Table 2: Visualisations Type 1-4

3. MODELLING AND VISUAL REPRESENTATION



Technical Guidance Note 06/19: Figure A6-1: Accurate Visual Representation (AVR) Levels 0-3 (Images ©Nicholas Pearson Associates)

Tess Square Development (Level 3)

For the Tess Square development, an existing model created for planning purposes was utilised. To ensure accurate representation:

- The model was aligned with surveyed viewpoint data.
- Vegetation was added with the foliage removed where necessary to reflect seasonal screening effects at the time of the photography.

Butts Square Development (Level 1)

As the Butts Square development remains at the outline stage, a new model was produced using the latest design information. The following parameters were applied:

- Floor-to-floor heights were set at 2700mm to provide a realistic representation of internal layouts.
- Roof pitches were defined based on building types:
- Two-storey buildings: 40-degree roof pitch.
- Bungalows: 37.5-degree roof pitch.
- Garages: 35-degree roof pitch.

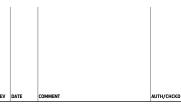
Buildings were integrated with the topography, ensuring that front entrances intersected with the existing grade at +150mm to account for threshold levels.

4. IMAGE PROCESSING AND PRESENTATION

The rendered models were superimposed onto the site photography using precise alignment techniques, ensuring accurate scale and perspective.

Adjustments were made to lighting and shading to match environmental conditions recorded during photography.

Final outputs were verified against survey data and checked for compliance with the Landscape Institute's AVR standards.



PROJECT TITLE

Tess Square and Butts Lane AVR Study

Mothodo

Methodol

TSB - LHC - XX - XX - AVR - FIG - 07.09

P1	PLANNING			
REVISION -	DATE 07/03/2025	SCALE NTS - A		
CONTRACTORS M ONLY FIGURED DI DISCREPANCIES N	LHC PROJECT			

