

SITE OVERVIEW



THE STARLING BEACH HOUSE

A substantial, newly built contemporary home enviably positioned on Whitstable's desirable Joy Lane, from where it commands far-reaching sea views across Whitstable bay and to the Isle of Sheppey beyond.

Ground Floor

Entrance Hall
Kitchen / Breakfast Room 20'4" x 13'6" (6.20m x 4.12m)
Dining Area 13'5" x 13'1" (4.10m x 4.00m)
Study 9'9" x 7'0" (2.97m x 2.14m)
Bedroom 2 12'10" x 10'5" (3.93m x 3.18m)
En-Suite Shower Room 7'10" x 5'1" (2.40m x 1.55m)
Utility Room 8'11" x 7'4" (2.73m x 2.25m)
Cloakroom 3'10" x 3'6" (1.18m x 1.08m)

Garden
50' x 33' (15.24m x 10.06m)
Solar Energy
The property benefits from
Photovoltaic
solar panels that contribute
towards the
electricity supply

The bright and spacious accommodation is presented in smart contemporary style, and is finished to a high standard throughout. The ground floor is arranged to provide an entrance hall, an open-plan kitchen/breakfast room with high quality German kitchen, a dining room with doors opening to the garden, a study, double bedroom with en-suite shower room, a utility room and a cloakroom. To the first floor there is a sitting room with sea facing balcony, two further double bedrooms and a large family bathroom. The second floor is occupied by a luxurious principal bedroom suite, with sea facing balcony, dressing room and en-suite shower room. The property benefits from underfloor heating throughout and Photovoltaic solar panels that contribute towards the electricity supply. The South facing garden incorporates a decked terrace for outside entertaining, and a driveway provides off street parking for a number of vehicles.

First Floor

Sitting Room 20'6" x 12'10" (6.25m x 3.92m)
Balcony 12'5" x 5'10" (3.80m x 1.80m)
Bedroom 3 14'6" x 10'4" (4.43m x 3.15m)
Bedroom 4 13'9" x 10'0" (4.20m x 3.05m)
Bathroom 9'4" x 8'6" (2.85m x 2.60m)

Second Floor

Bedroom 1 14'7" x 12'9" (4.45m x 3.90m)
Dressing Room 15'1" x 6'7" (4.60m x 2.00m).
En-Suite Shower Room 10'11" x 8'3" (3.33m x 2.54m)
Balcony 12'2" x 5'10" (3.72m x 1.80m)

VISUAL OUTPUT

01

1.1

SET OF CONTEXTUAL COLOURED UP PLANS



02



A SET OF BEAUTIFUL RENDERS X4 VR FILM

05



PHOTOGRAPHS OF MODELS AND MATERIAL TESTING AT 1:1 WORKING 1:1 PROTOTYPES

06

CONTEXTUAL PLAN





1.1

Ground Floor



First Floor



Second Floor





Second Floor

Total area: approx. 221.1 sq. metres (2380.4 sq. feet)









ELEVATION











RENDERS

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Before



Before

After



Wash room x shower

Before

After



03

INTRODUCTION

01

Virtual Reality is a three-dimensional image or environment that can be interacted with. Step into a new world!

UNDERSTANDING VIRTUAL REALITY

02

Virtual Reality is a computer-generated simulation. A VR headset is used to experience it firsthand.

TOOLS AND TECHNIQUES

Use a high-quality VR headset to enhance the experience. Incorporate interactive elements that allow for user engagement. Implement realistic graphics and sound effects to create a truly immersive environment.

DESIGN AND DEVELOPMENT **PROCESS**

04

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VR development involves several stages of process which starts from 2 dimensional plan then transforms inro 3D. The 3D file needs to be developed into a 360 degree space.

CHALLENGES AND SOLUTIONS

05

Challenges in VR include motion sickness, limited field-of-view, and hardware limitations. Solutions include improved technology and software design.

FINAL PRODUCT DEMONSTRATION

Make sure to choose a comfortable and well-lit space for your VR demo. Explain the controls clearly and keep the experience brief and engaging.







DEVICE TESTING



VISUALIZATION







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ChenZc-211225-XIS23







VEGETATION SCATTER >









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FILM



POST PRODUCTION - FILM



CONTEXT SITE





Right Side View



CHALLENGES AND LIMITATIONS

SketchUp Error Report

Analyzing the system requirements and the software ability the maximum potential for the file size is around IGB and if it increases more then the specific file size, it may tend to crash. That's the major reason why VR is not commonly used in the design process of the designers to showcase their design.



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			SketchUp Checkup

SketchUp Checkup has stopped working

A problem caused the program to stop working correctly. Windows will close the program and notify you if a solution is available.





The Reality of Rendering Time



MY EXPERIENCE WITH VIRTUAL REALITY IN INTERIOR DESIGN

Virtual Reality Interior Design provides immersive visualization, but it can be time-consuming. However, the results are worth the wait!

Virtual reality interior design require powerful hardware. Consider the pros and cons before diving in.

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CREATIVE SOLUTIONS FOR REDUCING RENDERING TIME



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Render with lower settings, optimize the scene, simplify

> Optimize your 3D models, use efficient textures, adjust lighting and shadows, and render with lower settings first to save time in VR

> > Use a powerful computer with a high-end graphics card. Explore cloud rendering solutions to speed up the process.

CONTEXTUAL PRACTICE DEVOLOPMENT

Step into a new dimension of creativity and design with the limitless possibilities of virtual reality technology in interior design.

CONCLUSION

Virtual Reality revolutionizes interior design by providing limitless possibilities for immersive 3D experiences, cost savings, and improved client satisfaction. The future is exciting!

THE CURRENT STATE OF VR IN INTERIOR DESIGN

Virtual reality is revolutionizing the interior design industry. It allows designers to create immersive environments for clients to experience.

INTERIOR **DESIGN WITH** VR

THE FUTURE OF

-Virtual room planning and walkthroughs. -Realistic product visualization before purchase. -Interactive design consultations with clients.

> **EXAMPLES OF** VIRTUAL **REALITY IN** INTERIOR DESIGN

THANK YOU

