

Project ref: TV240627

26 June 2024

CLIENT: MR & MRS BRAMBLE

SITE: 88 Ferndale

Waterlooville

HAMPSHIRE

PO7 7PG

CCTV Survey Report

Sewer Inspection, Cleaning and Repair



Project Information

Project Name
TV240627

Project Number

Project Date
26/06/2024

Client

Company: Mr & Mrs Bramble
Description: c/o CAAD Ltd
Contact: Sarah Roberts
Department: The Old Bakery
Street: 34 North Street
Town or City: Havant
County: Hampshire
Post Code: PO9 1PT
Phone: 02392 479 919

Site

Contact: Mr & Mrs Bramble
Street: 88 Ferndale
Town or City: Waterlooville
County: Hampshire
Post Code: PO7 7PG

Contractor

Company: Insewer Surveys
Contact: Liam Sellar
Street: 16a Revenge Road
Town or City: Chatham
County: Kent
Post Code: ME5 8UD
Phone: 01634 861 768
Fax: 01634 201376
Mobile: 07802 660 752



Table of Contents

Project Name
TV240627

Project Number

Project Date
26/06/2024

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Scoring Summary

Project Name
TV240627

Project Number

Project Date
26/06/2024

Structural Defects

Section	PLR	Grade	Description
All inspected pipes are in an acceptable structural condition (< grade 3).			

Service / Operational Condition

- Grade 3: Best practice suggests consideration should be given to maintenance activities in the medium term.
- Grade 4: Best practice suggests consideration should be given to maintenance activity to avoid potential blockages.
- Grade 5: Best practice suggests that this pipe is at a high risk of backing up or causing flooding.

Section	PLR	Grade	Description
1	SU69091804X	4	Settled deposits, other, 25% cross-sectional area loss, finish

Abandoned Surveys

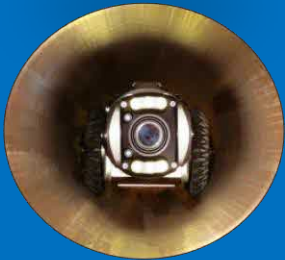
Section	PLR	Description
All inspections complete, none are abandoned.		

Information

These scoring summaries are based on the SRM grading from the WRC.



Site Photos





SU69091804



LOCATION OF SU69091804



FRONT SIDE OVERVIEW



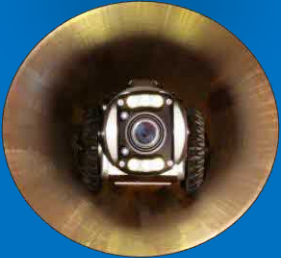
REAR SIDE OVERVIEW

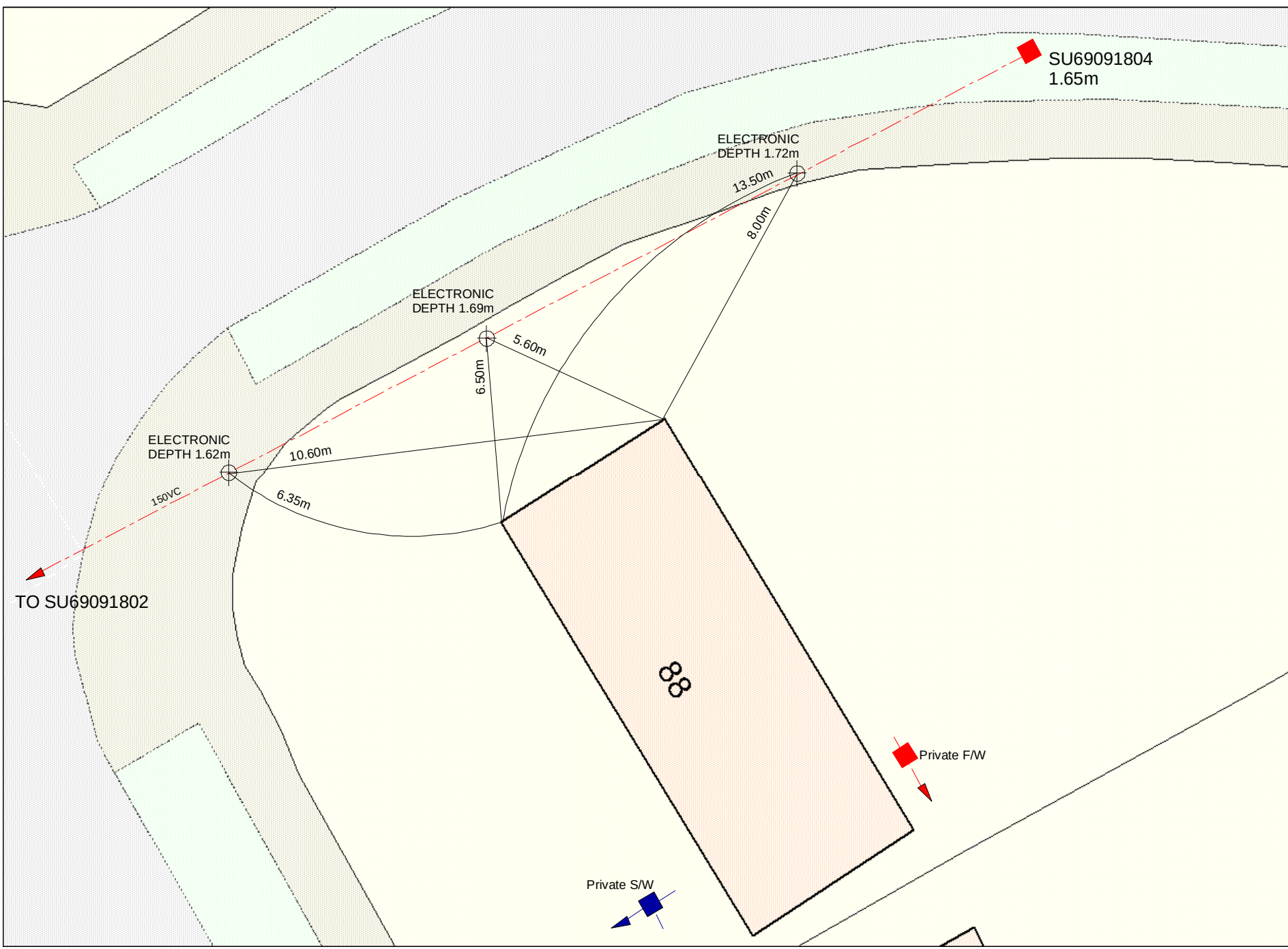


REAR OVERVIEW



Site Plan





General Notes		
	foul water m/h	with flow direction
	soil pipe	
	foul gully	
	surface water m/h	with flow direction
	rwp	
	rainwater gully	
svp	soil & vent pipe	
sp	soil pipe	
wc	toilet	
fg	foul gully	
rg	rainwater gully	
rwp	rainwater pipe	
re	rodding eye	
ed	electronic depth	
	Points traced electronically	

InSewer Surveys

16a Revenge Road

Chatham

Kent

ME5 8UD

Tel: 01634 861 768

Tel: 01634 201 376

www.insewer.co.uk

Project Name and Address

88 Ferndale

Waterlooville

Hampshire

PO7 7PG

Drainage Survey

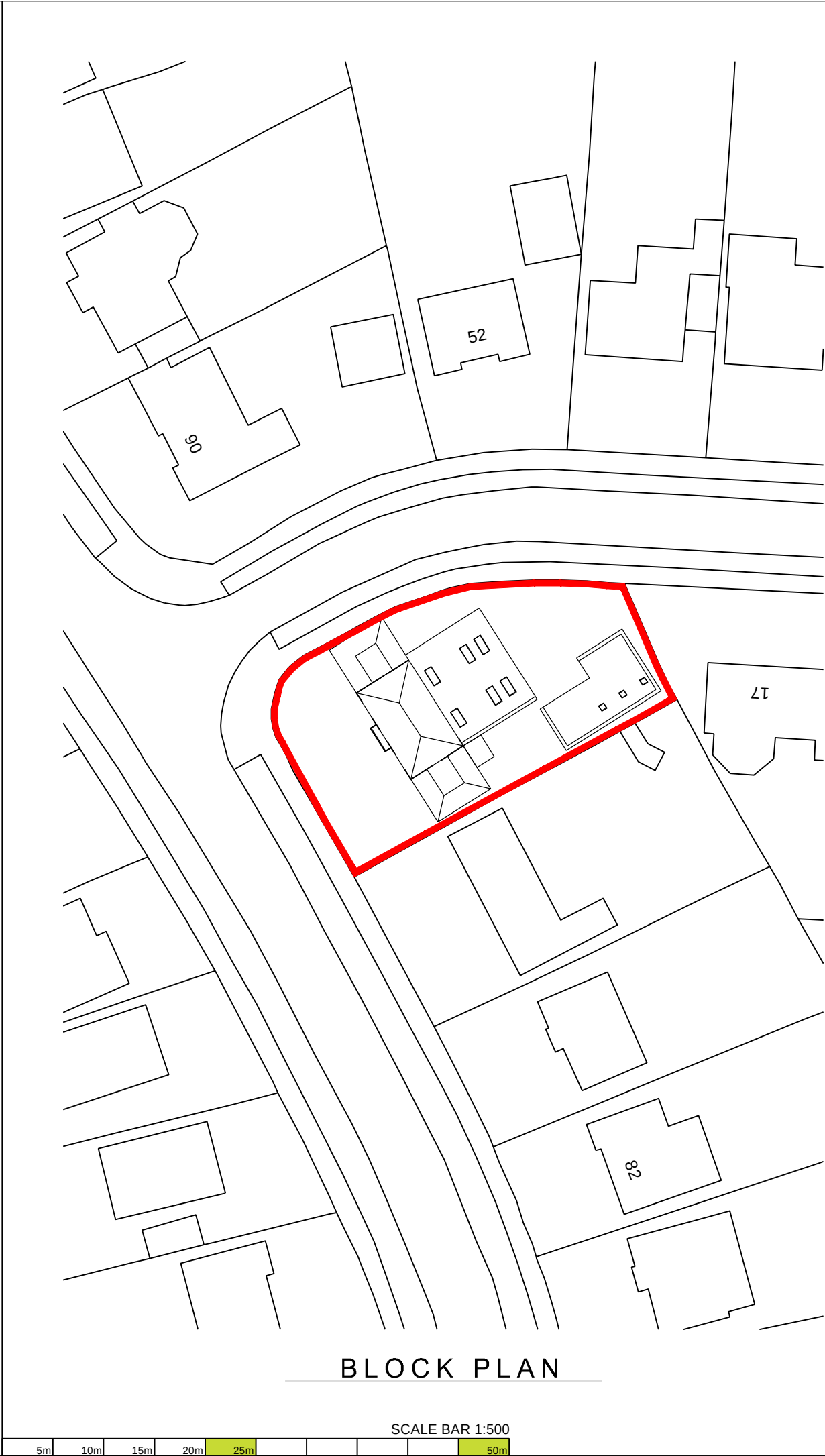
Disclaimer

The positions of the pipes have been traced electronically and their route and location are believed to be correct.

InSewer Surveys accept no responsibility in the event of inaccuracy.

Before mechanical plant is used the actual position and route of the drainage system should be verified on site.

Project	TV240627
Date	26 JUNE 2024
Scale	Not to scale



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NOTES
Data within this drawing provided by Ordnance Survey. Please note that Ordnance Survey can only guarantee accuracy to 0.9m for maps at this scale. CAAD Ltd. accept no responsibility for the accuracy of the Ordnance Survey boundaries. It is strongly recommended that a land survey is carried out should the development rely on the accuracy of these boundaries.



Critchley Architecture And Design Ltd.
Contact: 02392 474 919 | info@caad.online

The Old Bakery, 34 North Street, Havant, PO9 1PT

Revisions

- A.
- B.
- C.

Project Address

88 Ferndale
Waterlooville
PO7 7PG

SITE PLANS

Scale	A3 = As Shown
Drawn By	OS
Date	24.04.2024

Project No.	Sheet No.	Rev.
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24021	101	0
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- NOTES
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Project Address

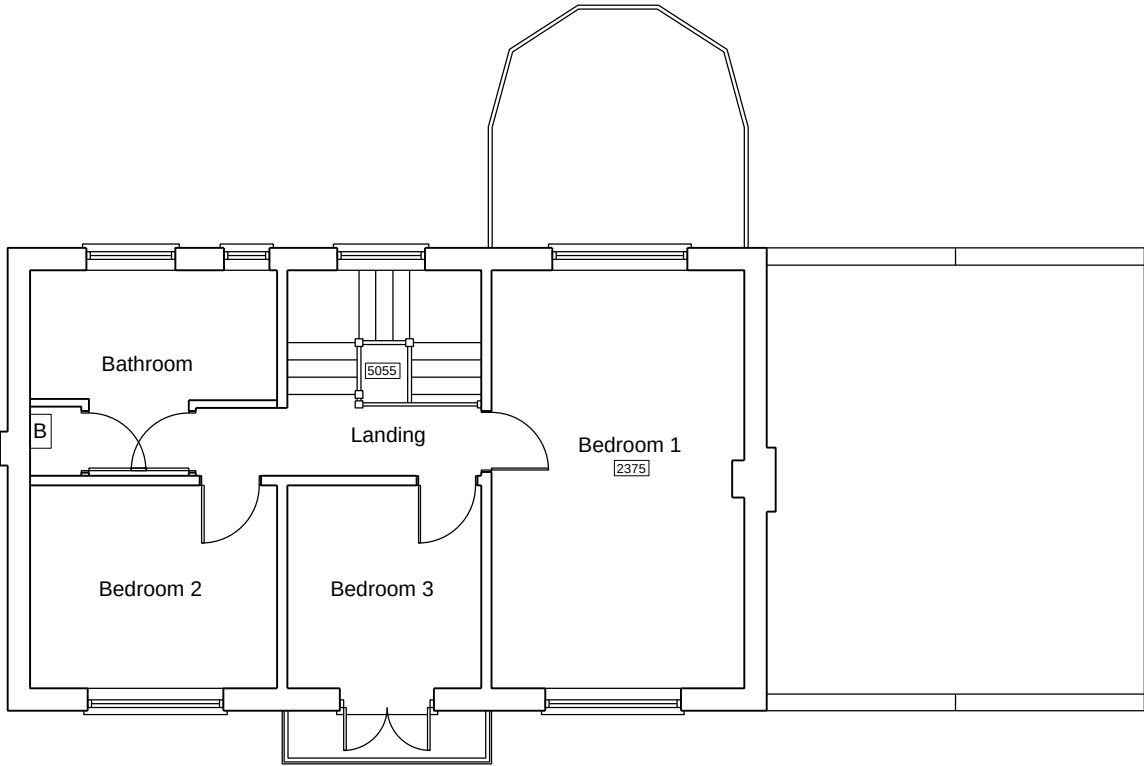
88 Ferndale
Waterlooville
PO7 7PG

EXISTING FLOOR PLANS

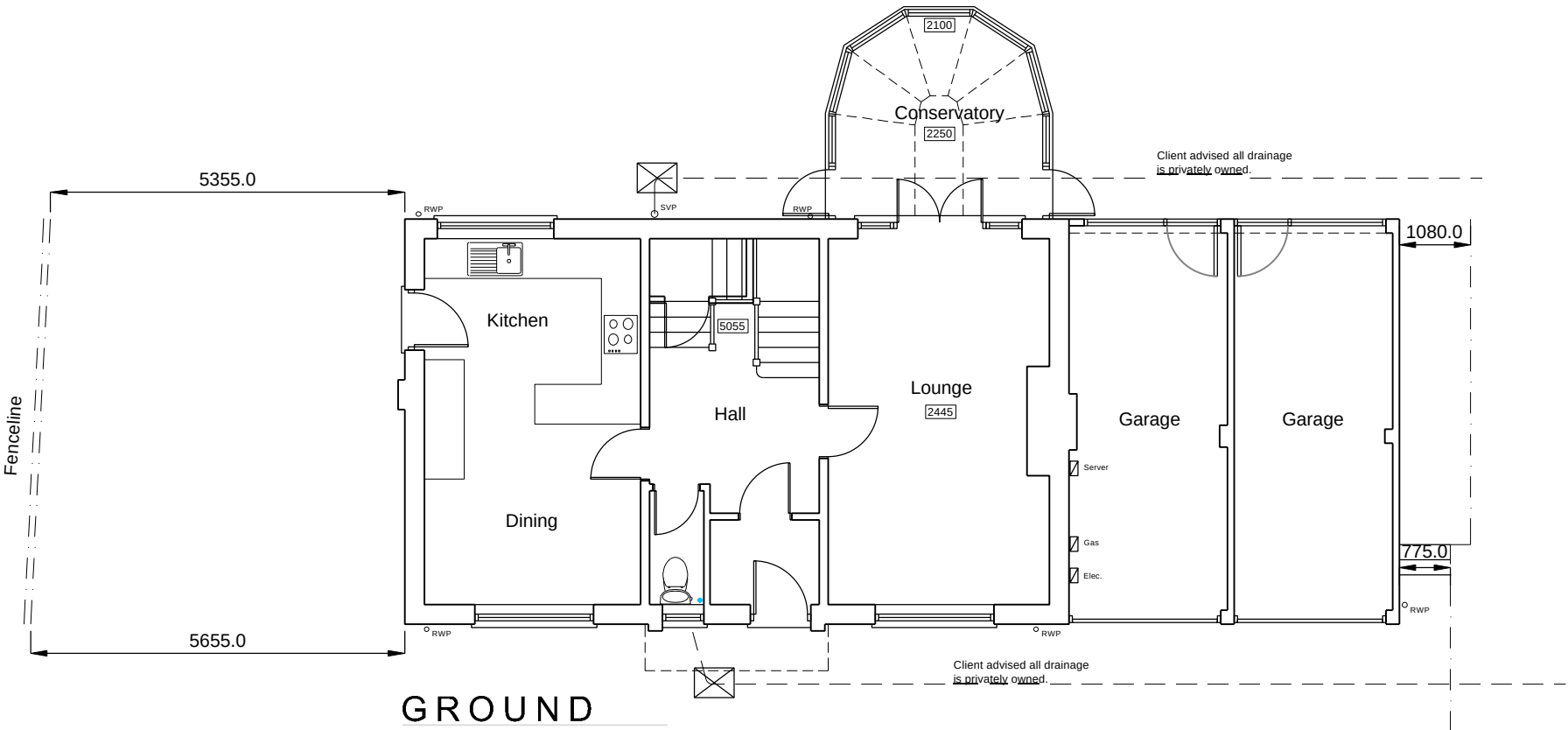
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Drawn By JGF
Date 21.03.2024

Project No. Sheet No. Rev.

24021 201 0

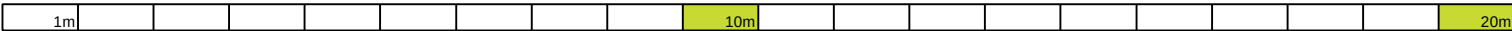


FIRST
Floor Plan



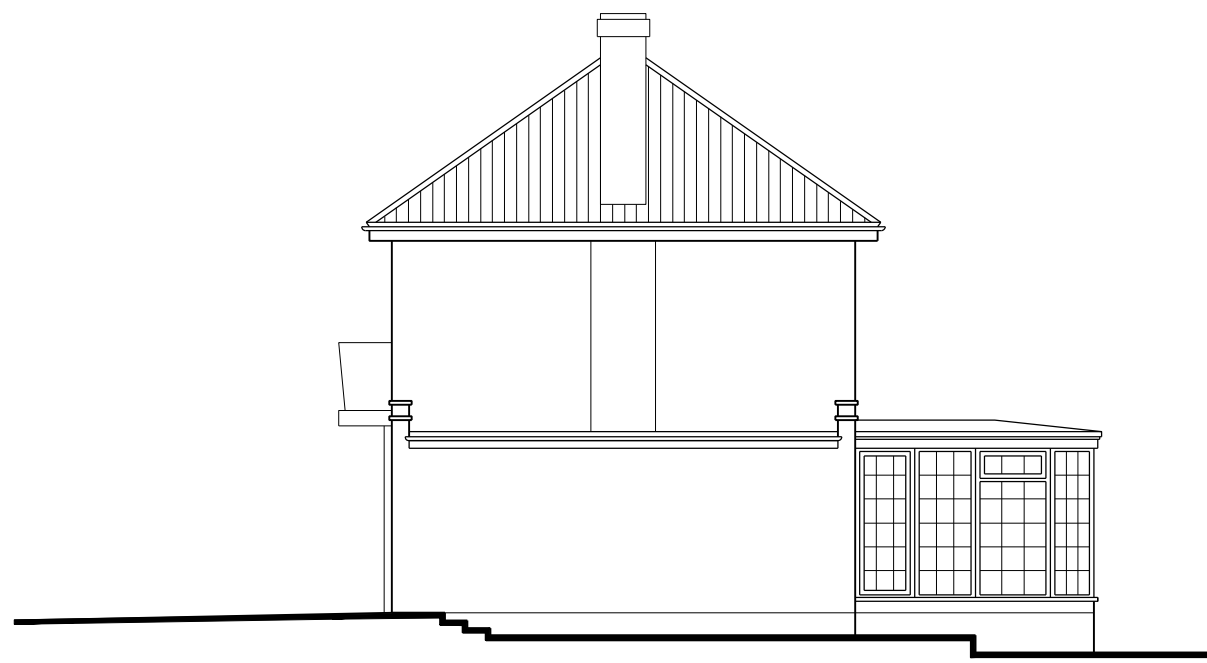
GROUND
Floor Plan

SCALE BAR 1:100

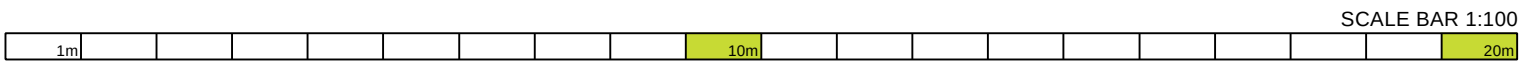




SOUTH-WEST
Elevation



SOUTH-EAST
Elevation



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Revisions

- A.
- B.
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Project Address

88 Ferndale
Waterlooville
PO7 7PG

EXISTING ELEVATIONS

Scale	A3 1:100
Drawn By	SAR
Date	02.04.2024

Project No.	Sheet No.	Rev.
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24021 301 0

NORTH-EAST
Elevation



NORTH-WEST
Elevation



SCALE BAR 1:100



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Revisions

- A.
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Project Address

88 Ferndale
Waterlooville
PO7 7PG

EXISTING ELEVATIONS

Scale	A3 1:100
Drawn By	SAR
Date	02.04.2024

Project No. Sheet No. Rev.

24021 302 0



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CAD

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The Old Bakery, 34 North Street, Havant, PO9 1PT

- Revisions
- A. Client Revisions/22.04.2024/TGA
B. Client Revisions/30.04.2024/ZS
C.

Project Address

88 Ferndale
Waterlooville
PO7 7PG

PROPOSED PLAN

Scale A3 1:100
Drawn By TGA/SAR
Date 12.04.2024

Project No. Sheet No. Rev.

24021 401 B

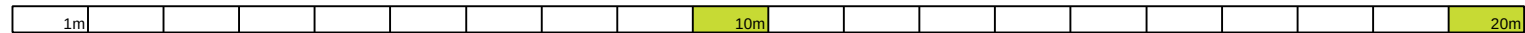
Raise fenceline to
+1800mm from patio level.
Approx. 2.1m from pavement level.

Proposed Addition
6125.0

Fenceline

GROUND
Floor Plan

SCALE BAR 1:100



Lawn Area

450mm level difference
between paving
with a 1:12 ramp to
accommodate level
difference

See
drawing
405A

Glass Balustrade

Flat Roof Overhang

10045.0

Dining

Family

Kitchen

1000.0

2495.0

Utility

Client advised all drainage
is privately owned.

Annex located 800mm
from boundary at closest
point.

Proposed
Addition
2020.0

OS Boundary

Lounge
2445

Garage

Garage

Server

Gas

Elec.

RWP

Client advised all drainage
is privately owned.

Study

Porch

Glass Screen

Hall

5055

W/drbe

WC

King Bed

High Level Window

Proposed Addition
8000

Raised Patio
(flush with
internal finish
floor level)

Flat Roof Overhang

5355.0

5000



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Revisions

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C.

Project Address

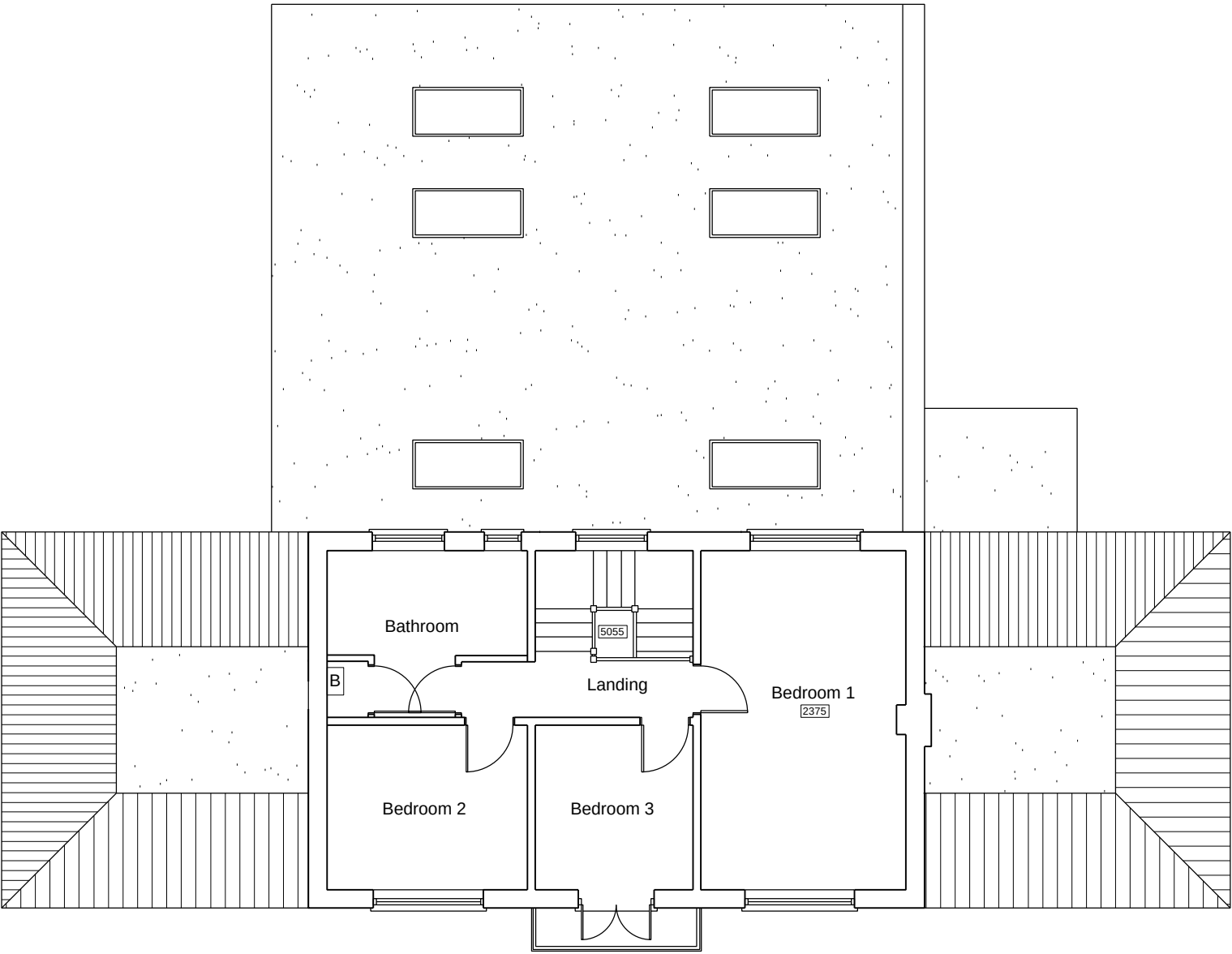
88 Ferndale
Waterlooville
PO7 7PG

PROPOSED PLAN

Scale	A3 1:100
Drawn By	JGF
Date	12.04.2024

Project No.	Sheet No.	Rev.
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24021	402	A
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FIRST
Floor Plan

SCALE BAR 1:100





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 - B.
 - C.

Project Address

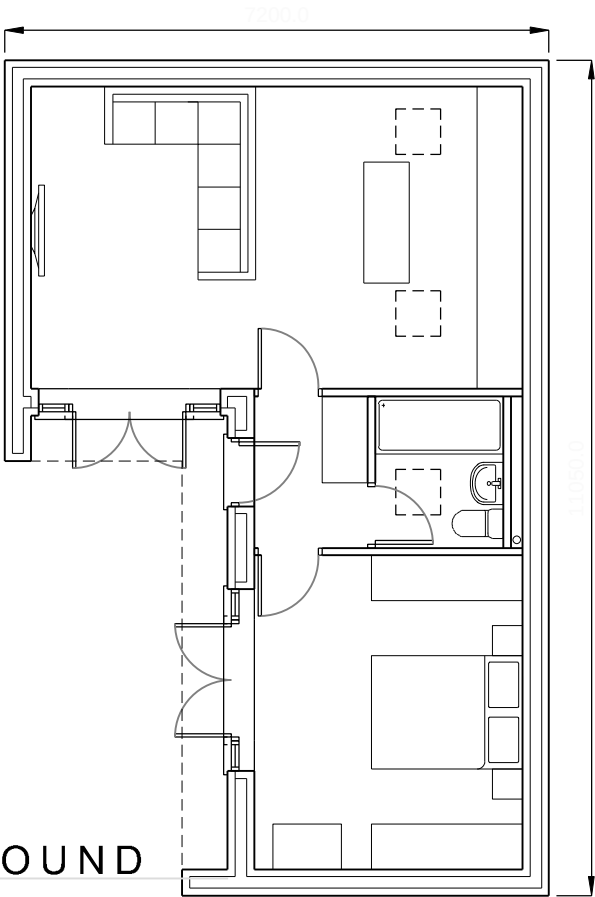
88 Ferndale
Waterlooville
PO7 7PG

PROPOSED OUTBUILDING

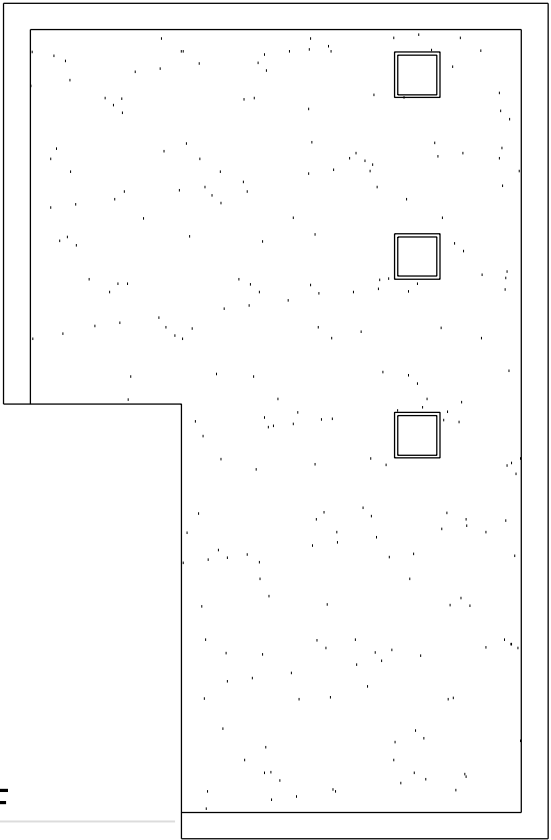
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Date	12.04.2024

Project No. Sheet No. Rev.

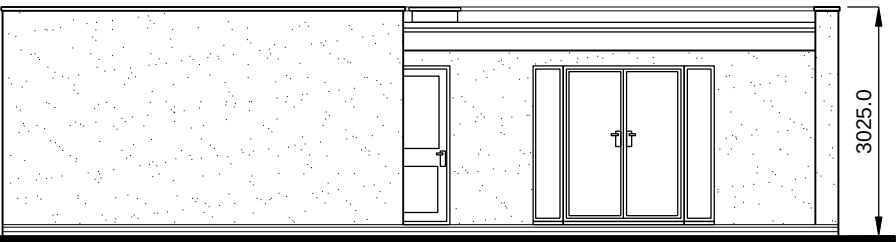
24021 405 A



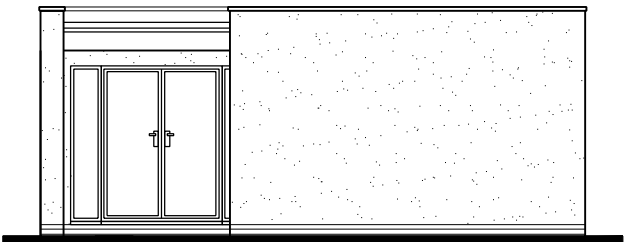
GROUND
Plan



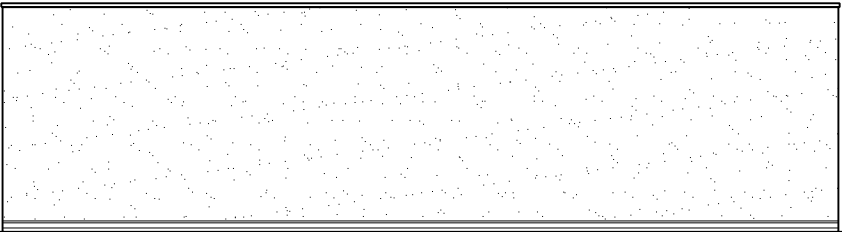
ROOF
Plan



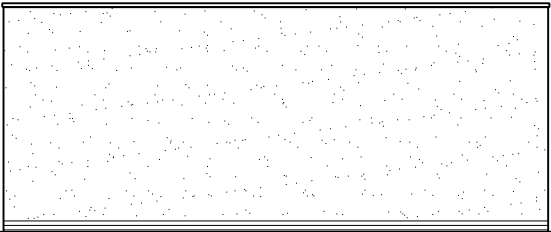
NORTH-WEST
Elevation



SOUTH-WEST
Elevation



SOUTH-EAST
Elevation



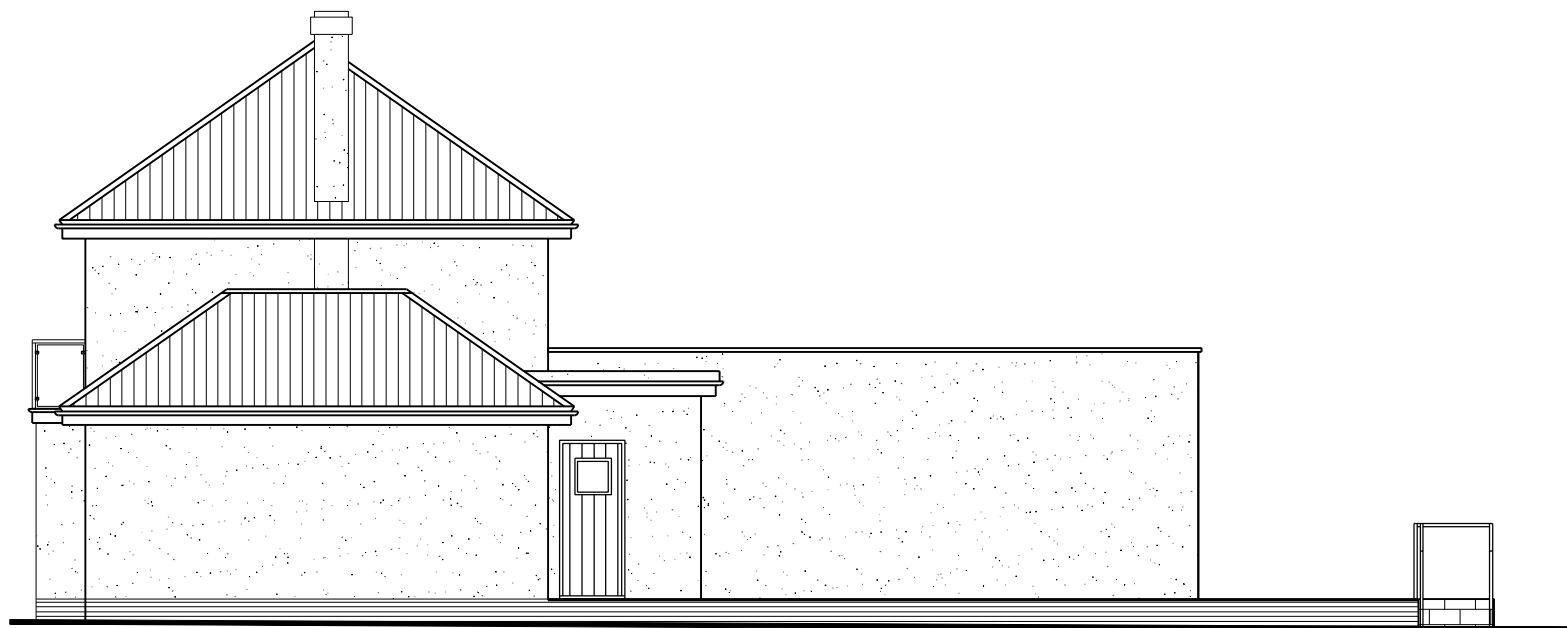
NORTH-EAST
Elevation

SCALE BAR 1:100

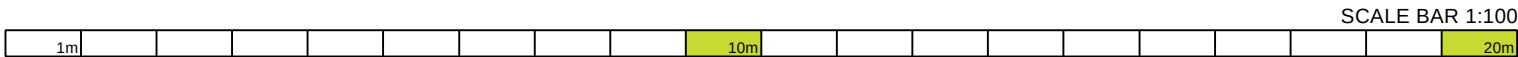




SOUTH-WEST
Elevation



SOUTH-EAST
Elevation



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- Revisions
- A. Client Revisions/22.04.2024/TGA
 - B. Client Revisions/30.04.2024/ZS
 - C.

Project Address

88 Ferndale
Waterlooville
PO7 7PG

PROPOSED ELEVATIONS

Scale	A3 1:100
Drawn By	TGA/SAR
Date	12.04.2024

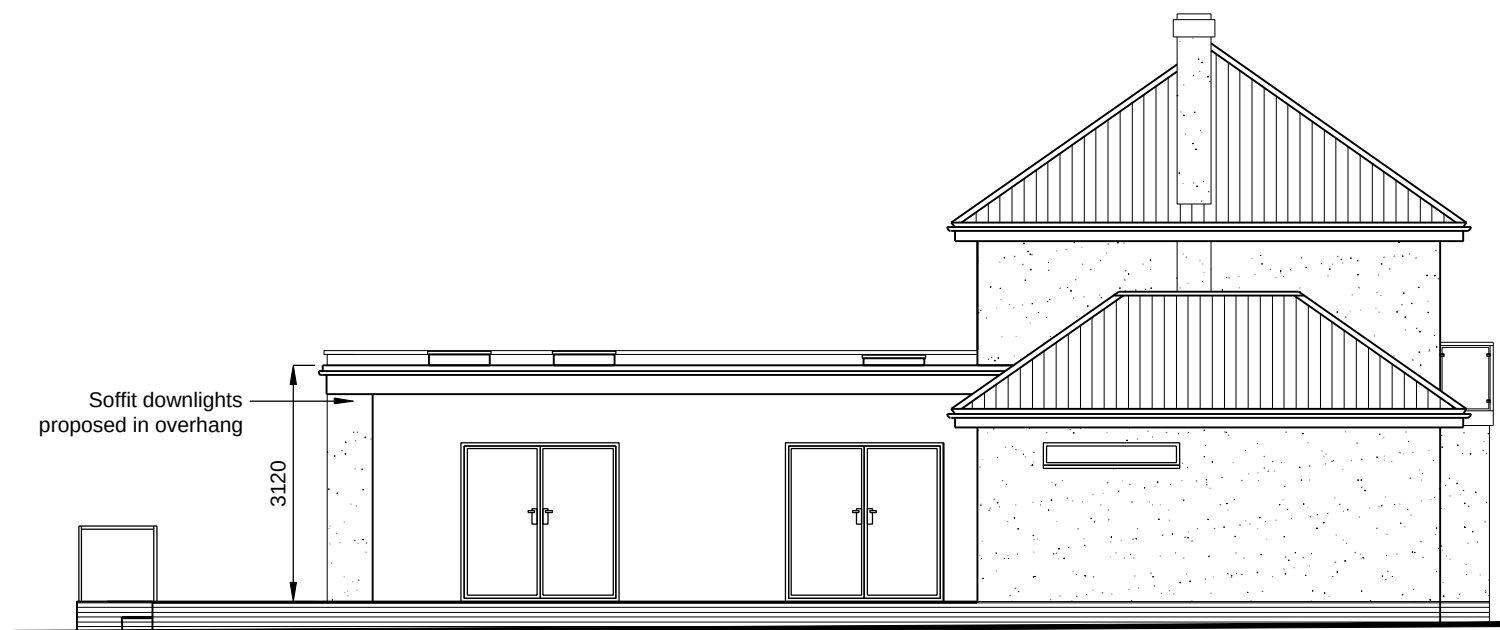
Project No.	Sheet No.	Rev.
24021	501	B



NORTH-EAST
Elevation

Raise fenceline to
+1800mm from patio level.
Approx. 2.1m from pavement level.

Slatted Composite Cladding Proposed



NORTH-WEST
Elevation

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CAAD

Critchley Architecture And Design Ltd.

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C.

Project Address

88 Ferndale
Waterlooville
PO7 7PG

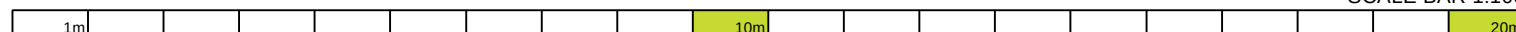
PROPOSED ELEVATIONS

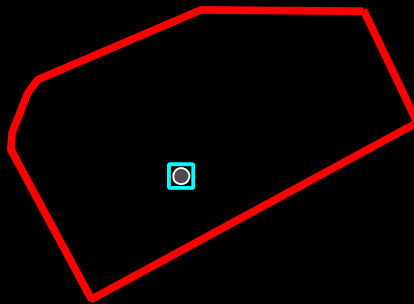
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Drawn By TGA/SAR
Date 12.04.2024

Project No. Sheet No. Rev.

24021 502 B

SCALE BAR 1:100





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Controllable Valve			Flow Control			Inlet-Outfall	
Damboards	Penstock	Valve	Anti Flood Device	Pumped Anti Flood Device	Reflux Valve	Inlet	Outfall
Manhole							
BIF Bifurcation	Cascade	CP Catchpit	Head Of Public Sewer	IC Interceptor Chamber	Manhole	S Soakaway	WO Washout
Outfall Headworks		Overflow Chamber		Pipe Bridge		Pumping Station	
Outfall Headworks	CSO Combined Sewer Overflow	EMO Emergency Overflow		Pipe Bridge	Micro Pumping Station	Pumping Station	
Sewer Level Monitor		Storage		Treatment Works		Weir	
Sewer Level Monitor	Storm Tank	Tidal Storage Tank		Treatment Works	Weir	Wastewater Site	
Wastewater Pipe				Wastewater Use		Developer Services	
Culverted Water Course	Syphon	Tank Sewer		Foul	Build Over Agreement	Section 104	
Drain		Trunk Sewer		Combined	Wastewater Area		
Outfall		Vacuum Main		Sludge	Catchment		
Overflow		Decommissioned Pipe		Treated Effluent	Sub-Catchment		
Rising Main				Surface Water			
Sewer				Private			

Map Title: SW Print

Printed By: Vignesh.Sheety

Date Printed: 23/05/2024

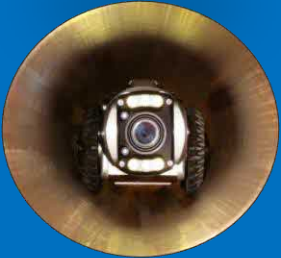
Map Scale: 750

The information provided is believed to be correct but is provided on an 'as is' basis and without any warranty or condition express or implied, statutory or otherwise as to its quality or fitness for purpose. Actual positions of assets should always be determined on site.





Report



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WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No. 1	Insp. No. 1	Date 26/06/24	Time 9:05	Client's Job Ref TV240627	Weather No Rain Or Snow	Pre Cleaned Not Specified	PLR SU69091804X
Operator InSewer MM		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Waterlooville	Inspection Direction:	Downstream	Upstream Node:	SU69091804
Road:	88 Ferndale	Inspected Length:	31.84 m	Upstream Pipe Depth:	1.650 m
Location:		Total Length:	31.84 m	Downstream Node:	SU69091802
Surface Type:		Joint Length:		Downstream Pipe Depth:	
Use:	Foul		Pipe Shape:	Circular	
Type of Pipe:			Dia/Height:	150 mm	
Flow Control:			Material:	Vitrified clay	
Year Constructed:	Not Specified		Lining Type:	No Lining	
Inspection Purpose:	Routine inspection		Lining Material:	No Lining	
Comments:					
Recommendations:					

Scale:	1:276	Position [m]	Code	Observation	Grade
Depth: 1.65 m SU69091804					
The diagram shows a vertical pipe section with depth markers on the right and observation codes on the left. A blue arrow points downwards on the left side of the pipe. The markers are: 0.00, 0.00, 0.50, 6.00, 11.74, 12.17, 23.04, 26.00, 28.04, and 31.84. The codes are: MH, WL, S01, REM, CCJ, F01, REM, WL, CCJ, and MHF.					
	0.00	MH	Start node, manhole, reference: SU69091804		
	0.00	WL	Water level, 30% of the vertical dimension		
	0.50	S01	Settled deposits, other, 25% cross-sectional area loss, start: Debris		
	6.00	REM	General remark: Entering boundary		
	11.74	CCJ	Crack, circumferential at joint from 9 o'clock to 11 o'clock	2 / 2	
	12.17	F01	Settled deposits, other, 25% cross-sectional area loss, finish: Debris	4	
	23.04	REM	General remark: Leaving boundary		
	26.00	WL	Water level, 5% of the vertical dimension		
	28.04	CCJ	Crack, circumferential at joint from 6 o'clock to 10 o'clock	2 / 2	
	31.84	MHF	Finish node, manhole, reference: SU69091802		
SU69091802 Depth: m					
The photographs show the interior of the pipe at different depths. The first photo (DEX - 0.50) shows a dark, circular opening. The second photo (CCJ - 11.74) shows a crack in the pipe wall. The third photo (CCJ - 28.04) shows a crack in the pipe wall. The fourth photo (MHF - 31.84) shows the end of the survey.					

Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	10.0	0.6	20.0	2.0	3	6.0	1.9	62.0	4.0



Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Downstream	SU69091804X	TV240627	



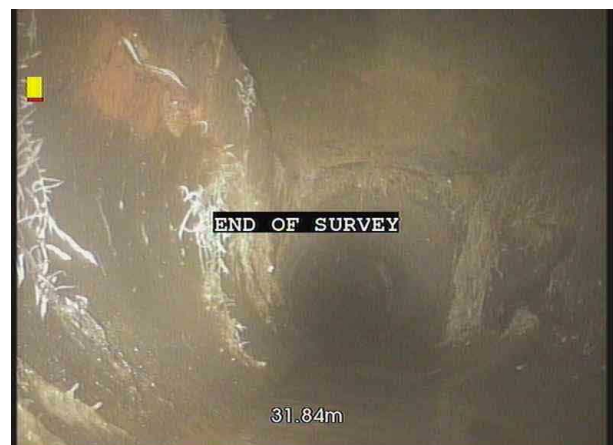
1, 00:00:11, 0.50 m
Settled deposits, other, 25% cross-sectional area loss, start, Debris



2, 00:01:12, 11.74 m
Crack, circumferential at joint from 9 o'clock to 11 o'clock



3, 00:02:39, 28.04 m
Crack, circumferential at joint from 6 o'clock to 10 o'clock



4, 00:03:14, 31.84 m
Finish node, manhole, reference: SU69091802



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- x Topographical Surveys
- x Tanker Jetting
- x High Pressure Jetting
- x Cesspool Emptying
- x Interceptor Cleaning
- x Pump Station Cleaning
- x Root and Scale Cutting
- x Pipe Lining
- x Trenchless Technology
- x Confined Space Entry



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Call : 01634 861768

CCTV Sewer Inspection • Electronic Location • Cleaning and Repair

Registered Office Address:
Hydro Descaling Limited
16a Revenge Rd, Lordswood Ind. Est.
Chatham, Kent ME5 8UD
Company Reg No: 1304128
VAT No. 573 7537 09

