

CULVERT INFORMATION

- Results of CCTV Survey
- Topographical Survey CM24001 with Culvert Plotted
- Overlay of Topographical Survey CM24001 onto Site Plan



Project

Project Name: JJR Designs Ltd - Commonmead Barn

Project Date: 09/05/2024



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JJR Designs Ltd - Commonmead Barn

Project Number

Project Date
09/05/2024

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Project Information

Project Name
JJR Designs Ltd - Commonmead Barn

Project Number

Project Date
09/05/2024

Client

Company: JJR Designs Ltd
Street: 6a, Felpham Road
Town or City: Bognor Regis
County: West Sussex
Post Code: PO22 7PG

JJR DESIGNS
ARCHITECTURAL SERVICES

Manager

Company: JJR Designs Ltd
Department: Commonmead Barn
Street: Commonmead Barn, Pagham Road
Town or City: Bognor Regis
County: West Sussex
Post Code: PO21 3PY

Contractor

Company: Dynamic Drainage
Contact: Terry Stevens
Department: Drainage
Street: York Road
Town or City: Selsey
County: West Sussex
Post Code: PO20 0HZ
Phone:
Email:

Dynamic
Services & Drainage

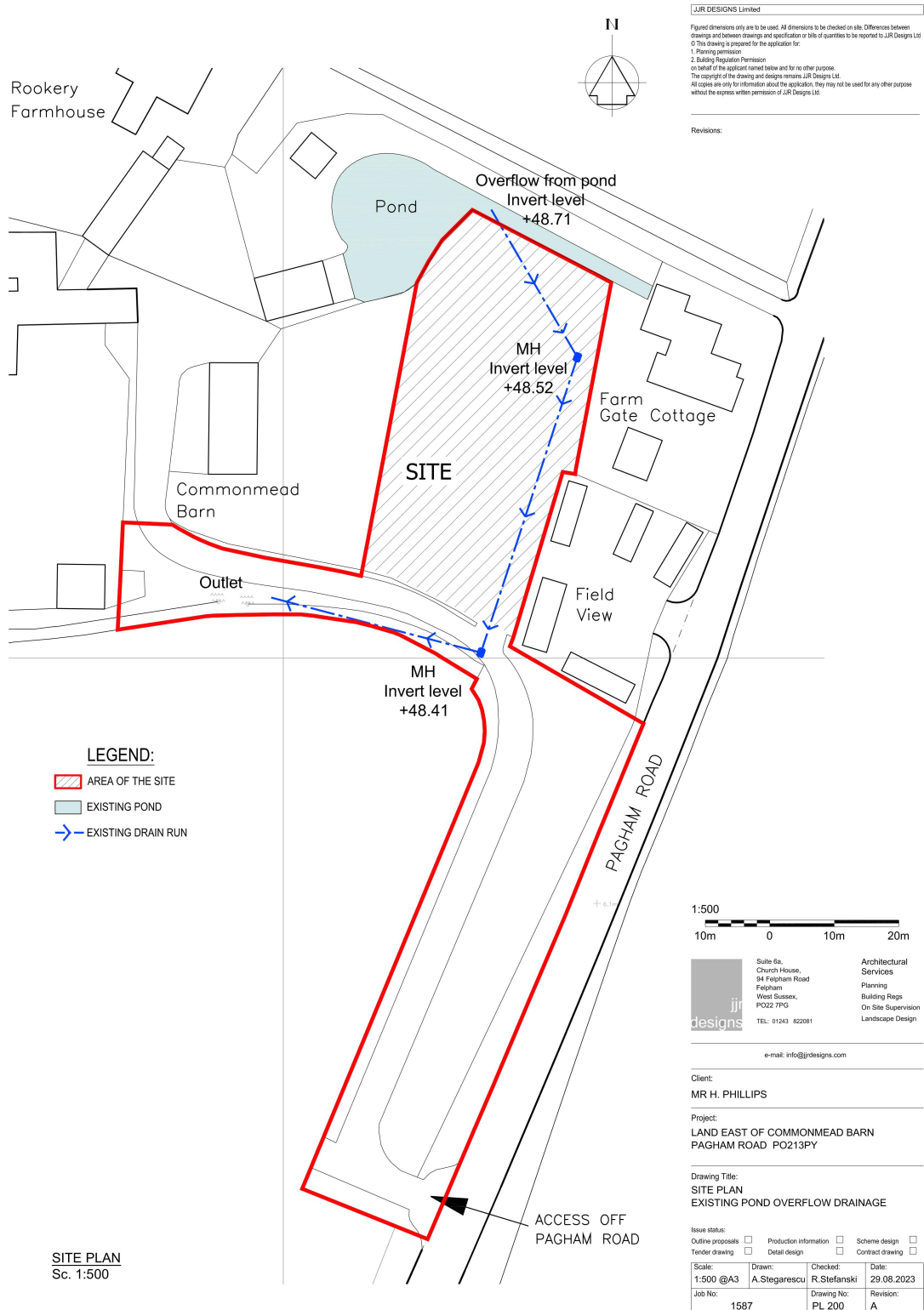
Project Information

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Project Drawing, Page 'Page'



Scoring Summary

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Structural Defects

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

Service / Operational Condition

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

Abandoned Surveys

Section	PLR	Description
All inspections complete, none are abandoned.		

Information

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

Legend of Classification (Section)

Project Name	Project Number	Project Date
JJR Designs Ltd - Commonmead Barn		09/05/2024

1:	<p>Brick: Minor structural defects.</p> <p>Other: Minor structural defects, i.e. open or displaced joints without additional characteristics.</p> <p>Acceptable structural condition.</p>
2:	<p>Brick: Circumferential cracking. Single longitudinal crack. Surface mortar loss (depth missing < 15 mm). Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p>Other: Circumferential cracking. Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness).</p> <p>Minimal collapse likelihood in the short term but potential for further deterioration.</p>
3:	<p>Brick: Total mortar loss (depth missing > 50 mm) without other defects. More than one longitudinal crack (at a single location). Multiple cracking. Single bricks displaced. Deformation < 5%, no fracture and only moderate mortar loss. Surface damage - spalling medium (large areas of chipped brick). Surface damage - wear medium (entire surface of brick is missing).</p> <p>Other: Fracture with no deformation or deformation < 5%. Longitudinal cracking or multiple cracking. Minor loss of level. Severe joint defects i.e. Surface damage - spalling medium. Surface damage - wear medium.</p> <p>Collapse unlikely in the near future but further deterioration likely.</p>
4:	<p>Brick: Total mortar loss (depth missing > 50mm) with deformation > 10%; deformation up to 10% and fractured; displaced or hanging brickwork; small number of missing bricks; dropped invert (drop > 20mm); moderate loss of level; surface damage - large spalling (entire surface of brick is missing); surface damage - large wear (entire surface of brick is missing).</p> <p>Other: Broken; deformation up to 10% and broken; fracture with deformation 5-10%; multiple fractures; serious loss of level; serious joint defects with voids or soil visible (open joint with > 50mm soil or void visible or joint displacement > 25% of diameter); surface damage - entire area of pipe surface is missing or severely worn.</p> <p>Collapse likely in the foreseeable future.</p>
5:	<p>Brick: Already collapsed; missing Invert; deformation > 10% and fractured; displaced or hanging brickwork and deformation < 10%; extensive areas of missing brickwork.</p> <p>Other: Already collapsed; deformation > 10% and broken; extensive areas of pipe fabric missing; fractures with deformation > 10%</p> <p>Collapsed or collapse imminent.</p>

Section Profile - 30/04/2024 - InletX

Project Name
JJR Designs Ltd - Commonmead Barn

Project Number

Project Date
09/05/2024

Circular, 300 mm

Item No.	Upstream Node	Downstream Node	Date	Road	Material	Total Length	Inspected Length
1	Inlet	SWMH1	30/04/2024	Pagham Road	Other material	25.15 m	25.15 m
2	SWMH1	SWMH2	30/04/2024	Pagham Road	Other material	48.37 m	48.37 m

Total: 2 Inspections x Circular 300 mm, 0 mm = 73.52 m Total Length and 73.52 m Inspected Length

Total: 2 Inspections = 73.52 m Total Length and 73.52 m Inspected Length

Completed section inspection

WEB PROJECT
CLICK TO OPEN THIS SECTION

Item No. 1	Insp. No. 1	Date 30/04/24	Time 10:00	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR INLETX
Operator Rvan		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Upstream	Upstream Node:	INLET
Road:	Pagham Road	Inspected Length:	25.15 m	US Pipe Depth:	
Location:		Total Length:	25.15 m	Downstream Node:	SWMH1
Surface Type:		Joint Length:		DS Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Other material		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:218 Position [m] Code Observation MPEG Photo Grade

Code	Observation	MPEG	Photo	Grade
WL	Water level, 0% of the vertical dimension	00:00:03		
WL	Water level, 30% of the vertical dimension	00:02:01		
MHF	Finish node, manhole, reference: Inlet	00:02:11		

STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
0	0.0	0.0	0.0	1.0	0	0.0	0.0	0.0	1.0

Section Pictures - 30/04/2024 - InletX

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	INLETX		



1ec85d76-efed-4169-991b-b132d877e50e.jpg, 00:00:03, 0.00
m
Water level, 0% of the vertical dimension



a5e3d87c-1bf5-456f-b9e0-18d7e0212dc6.jpg, 00:02:01, 23.52
m
Water level, 30% of the vertical dimension



a63c7328-f523-4905-82a1-6a76518d65a0.jpg, 00:02:11, 25.15 m
Finish node, manhole, reference: Inlet

Completed section inspection



Item No. 2	Insp. No. 1	Date 30/04/24	Time 10:20	Client's Job Ref Not Specified	Weather No Rain Or Snow	Pre Cleaned No	PLR SWMH1X
Operator Ryan		Vehicle Not Specified		Camera Not Specified	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Bognor Regis	Inspection Direction:	Downstream	Upstream Node:	SWMH1
Road:	Pagham Road	Inspected Length:	48.37 m	US Pipe Depth:	
Location:		Total Length:	48.37 m	Downstream Node:	SWMH2
Surface Type:		Joint Length:		DS Pipe Depth:	
Use:	Surface water	Pipe Shape:	Circular		
Type of Pipe:	Gravity drain/sewer	Dia/Height:	300 mm		
Flow Control:	No flow control	Material:	Other material		
Year Constructed:	Not Specified	Lining Type:	No Lining		
Inspection Purpose:	Sample condition survey	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:419

Position [m]

Code

Observation

MPEG

Photo

Grade

Depth: m

SWMH1

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Section Pictures - 30/04/2024 - SWMH1X

Item No.	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
2	Downstream	SWMH1X		



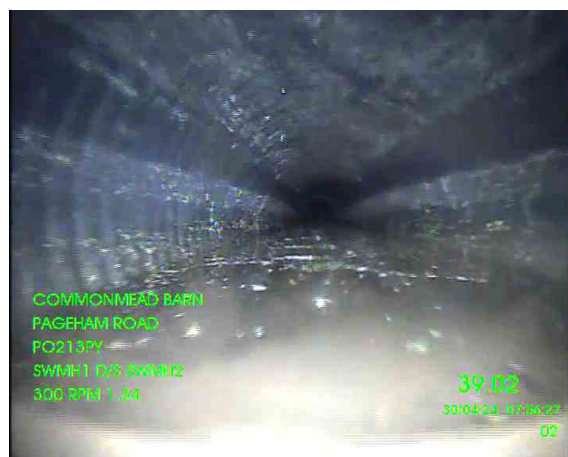
6bf6461b-7c8e-42f1-9c0f-0200ce97ebc2.jpg, 00:00:00, 0.00 m
Water level, 0% of the vertical dimension



1def6b6a-c51a-4ef5-9ddb-53c38b4145ee.jpg, 00:00:25, 3.59 m
Water level, 15% of the vertical dimension



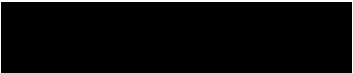
c8d445c6-5c97-4394-a9b1-9c6aadde0601.jpg, 00:01:34, 17.93 m
Connection other than junction at 12 o'clock, 100mm dia



dde9c2f5-2e1c-47c8-bdc5-de7655df30fa.jpg, 00:02:54, 39.02 m
Water level, 45% of the vertical dimension



c0898bd0-99c9-4178-8d8b-8708903d90fd.jpg, 00:04:02, 48.37 m
Finish node, manhole, reference: SWMH2



1:200

4m 0 4m 8m

e-mail: info@jjrdesigns.com

Project:
LAND EAST OF COMMONMEAD BARN
PAGHAM ROAD PO21 3PY

Issue status:

Outline proposals	<input type="checkbox"/>	Production Information	<input type="checkbox"/>	Scheme design	<input type="checkbox"/>
Tender drawing	<input type="checkbox"/>	Detail design	<input type="checkbox"/>	Contract drawing	<input type="checkbox"/>

Scale: 1:200 @A3	Drawn:	Checked:	Date: 20.08.2025
Job No: 1683		Drawing No: PL 103	Revision: