

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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Project Information

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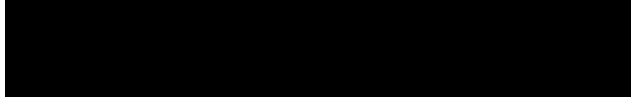

JJR DESIGNS
ARCHITECTURAL SERVICES**Client**

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

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

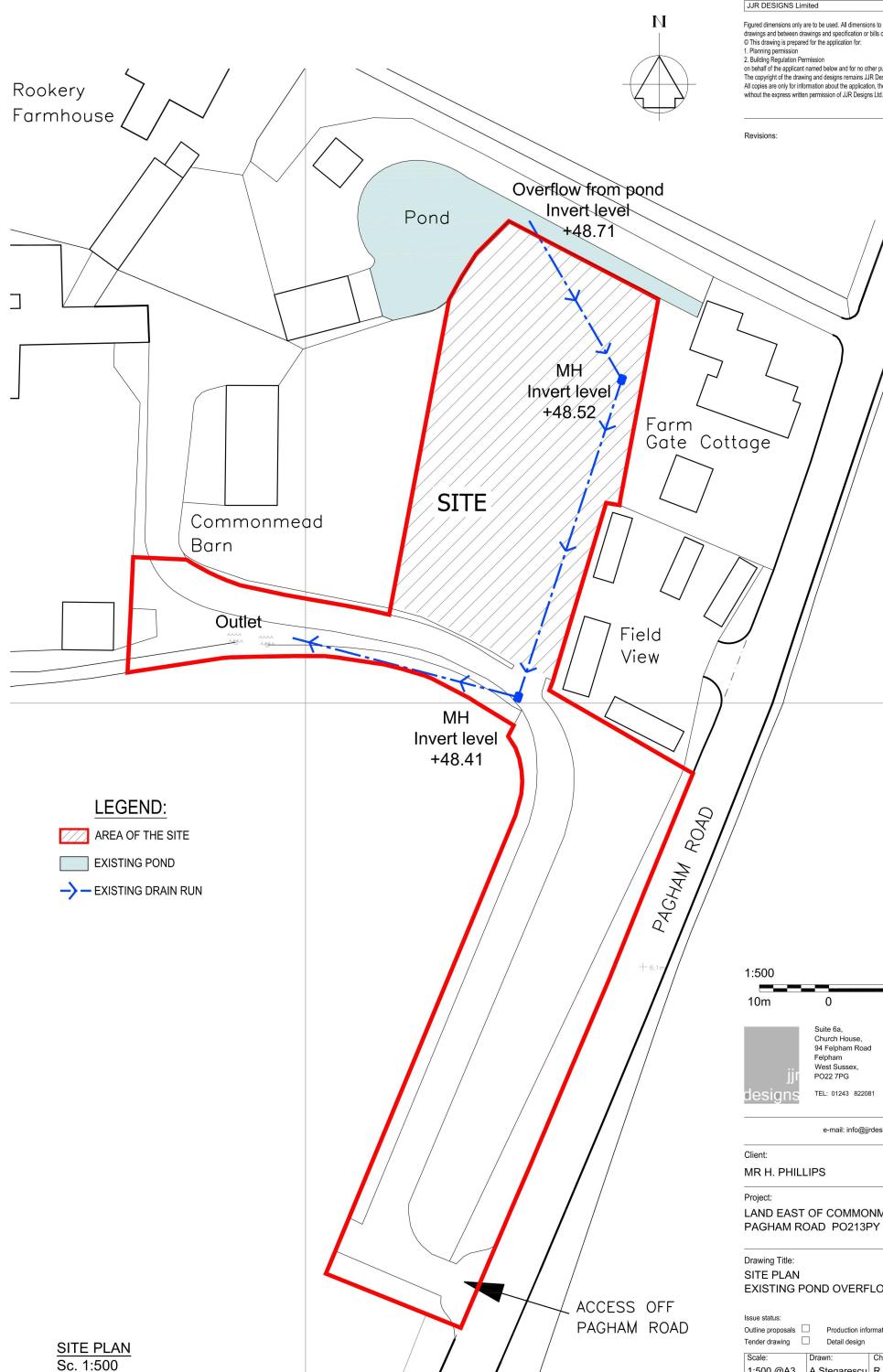
Project Information

Project Name
JJR Designs Ltd - Commonmead Barn

Project Number

Project Date
09/05/2024

Project Drawing, Page 'Page'



Scoring Summary

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

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

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

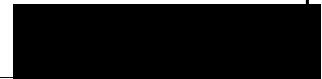
Abandoned Surveys

Section	PLR	Description
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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:	Brick: Minor structural defects. Other: Minor structural defects, i.e. open or displaced joints without additional characteristics. Acceptable structural condition.
2:	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). Other: Circumferential cracking. Surface damage - spalling slight (breaking away of small fragments from the surface). Surface damage - wear slight (increased roughness). Minimal collapse likelihood in the short term but potential for further deterioration.
3:	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). 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. Collapse unlikely in the near future but further deterioration likely.
4:	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). 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. Collapse likely in the foreseeable future.
5:	Brick: Already collapsed; missing Invert; deformation > 10% and fractured; displaced or hanging brickwork and deformation < 10%; extensive areas of missing brickwork. Other: Already collapsed; deformation > 10% and broken; extensive areas of pipe fabric missing; fractures with deformation > 10% Collapsed or collapse imminent.

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

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 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:	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

Depth: m SWMH1

0.00 WL Water level, 0% of the vertical dimension 00:00:03

23.52 WL Water level, 30% of the vertical dimension 00:02:01

25.15 MHF Finish node, manhole, reference: Inlet 00:02:11

Inlet

Depth: m

SWMH1

MPEG

Photo

Grade

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

 WEB PROJECT
 CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client's Job Ref	Weather	Pre Cleaned	PLR
2	1	30/04/24	10:20	Not Specified	No Rain Or Snow	No	SWMH1X
Operator	Vehicle		Camera	Preset Length	Legal Status	Alternative ID	
Ryan	Not Specified		Not Specified	Not Specified	Not Specified	Not Specified	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:	Position [m]	Code	Observation	MPEG	Photo	Grade
Depth: m						
SWMH1						
	0.00	WL	Water level, 0% of the vertical dimension	00:00:00		
	3.59	WL	Water level, 15% of the vertical dimension	00:00:25		
	17.93	CN	Connection other than junction at 12 o'clock, 100mm dia	00:01:34		
	39.02	WL	Water level, 45% of the vertical dimension	00:02:54		
	48.37	MHF	Finish node, manhole, reference: SWMH2	00:04:02		
SWMH2						
Depth: m						

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 - SWMH1X

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



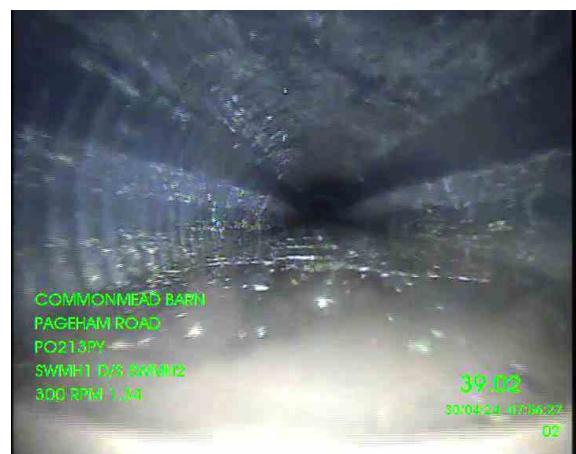
6bf6461b-7c8e-42f1-9c0f-0200ce97ebc2.jpg, 00:00:00, 0.00 m
Water level, 0% of the vertical dimension



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



Important Information:
Drainage that has been investigated should be checked against statutory records to confirm details before proceeding with any design work.

checked against statutory records to confirm details before proceeding with any design work.

advise that an arborologist be appointed to correctly determine the species and condition of all trees surveyed prior to any design work.

Information contained in this drawing (including digital data) should be checked and verified prior to any fabrication or construction.

Survey Legend

FENCES			
BARBED WIRE FENCE	B/W	Trees	
CORRUGATED IRON FENCE	C/I		
CLOSE BOARD FENCE	C/B		
CHESTNUT PALING FENCE	C/P	Hedges	
IRON RAILING FENCE	I/R		
POST AND CHAIN FENCE	P/C		
POST AND RAIL FENCE	P/R	Walls	
POST AND WIRE FENCE	P/W		
CHAIN LINK FENCE	C/L		
LARCH LAP FENCE	L/L	Fences	C/B 1.8m
			(Width to Scale)

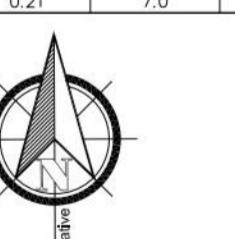
ENCE **W**
CE **W/M**

ABBREVIATIONS			
BOLLARD	Bo	MARKER	Mk
BRITISH TELECOM IC	BT	NOTICE BOARD	NB
CONCRETE PAVING SLABS	CPS	PARKING METER	PM
COVER LEVEL	CL	ROAD NAME PLATE	RNP
DROP KERB	DK	ROAD SIGN	RS
ELECTRIC INSPECTION COVER	EC	RODDING EYE	RE
ELECTRICITY POLE	EP	RETAINING WALL	Rtw
FIRE HYDRANT	FH	RAINWATER PIPE	RWP
FLOWER BED	FB	STOP VALVE	SV
FOOTPATH	FP	TELEGRAPH POLE	TP
GAS VALVE	GV	TELEPHONE CALL BOX	TCB
GULLY	Gy	TRAFFIC LIGHT	TL
INSPECTION COVER	IC	UNABLE TO LIFT	UTL
PIPE INVERT LEVEL	IL	UNKNOWN	Unk
KERB OUTLET	KO	VENT PIPE	VP
MAN HOLE	MH	WATER METER	WM
THRESHOLD	TH	DIAMETER	Ø

Tree Schedule

o	Spread	Bole	Height	Feature
	6.0	0.25	10.0	SILVER BIRCH
	4.0	0.15	8.0	OAK
	5.0	0.21	9.0	TREE UNKNOWN
	4.0	0.12	7.0	TREE UNKNOWN
	4.0	0.12	7.0	TREE UNKNOWN
	4.0	0.12	7.0	TREE UNKNOWN
	5.0	0.18	8.0	TREE UNKNOWN
	5.0	0.16	9.0	TREE UNKNOWN
	4.0	0.14	8.0	TREE UNKNOWN
	4.0	0.16	9.0	TREE UNKNOWN
	4.0	0.15	7.0	TREE UNKNOWN
	5.0	0.18	9.0	TREE UNKNOWN
	7.0	0.28	9.0	TREE UNKNOWN
	5.0	0.21	10.0	TREE UNKNOWN
	5.0	0.18	8.0	TREE UNKNOWN
	5.0	0.18	8.0	TREE UNKNOWN
	5.0	0.19	8.0	TREE UNKNOWN
	5.0	0.17	8.0	TREE UNKNOWN
	5.0	0.17	8.0	TREE UNKNOWN
	5.0	0.17	8.0	TREE UNKNOWN
	5.0	0.21	9.0	TREE UNKNOWN
	5.0	0.18	7.0	TREE UNKNOWN
	4.0	0.20	5.0	TREE UNKNOWN
	5.0	0.21	7.0	SILVER BIRCH

5.0



Local Grid	Arbitrary Datum Based On Man Hole
1000	1000

Arbitrary Datum Based On Ma
Value Used 50.00m

ing Title:
Topographical Survey

149 Higham Road
PO21 3PY

JJR Designs

or	MM	Drawn By	HF	Verified By	AF	Date	08.05.24
o:	CM/24001		Rev:				
:	1:200m @ A0		Date:	April 2024			

	<p>Cadmap Ltd Unit 131 Dunsfold Park Cranleigh Surrey, GU6 8TB T: 01483 429385 E: info@cadmap.co.uk W: www.cadmap.co.uk</p>
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JJR DESIGNS Limited

Figured dimensions only are to be used. All dimensions to be checked on site. Differences between drawings and between drawings and specification or bills of quantities to be reported to JJR Designs Ltd
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Revisions:

1:200
 4m 0 4m 8m

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jjj
designs

Architectural Services
Planning
Building Regs
On Site Supervision
Landscape Design

www.info@redazione.com

Client:

Project:
LAND EAST OF COMMONMEAD BARN
BACHAM ROAD PO21 3RY

Drawing Title:

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:		