CULVERT INFORMATION

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

[redacted]

WEB PROJECT
CLICK TO OPEN THIS PROJECT

Project

Project Name: JJR Designs Ltd - Commonmead Barn

Project Date: 09/05/2024

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JJR Designs Ltd - Commonmead Barn		09/05/2024

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Project Information

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

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

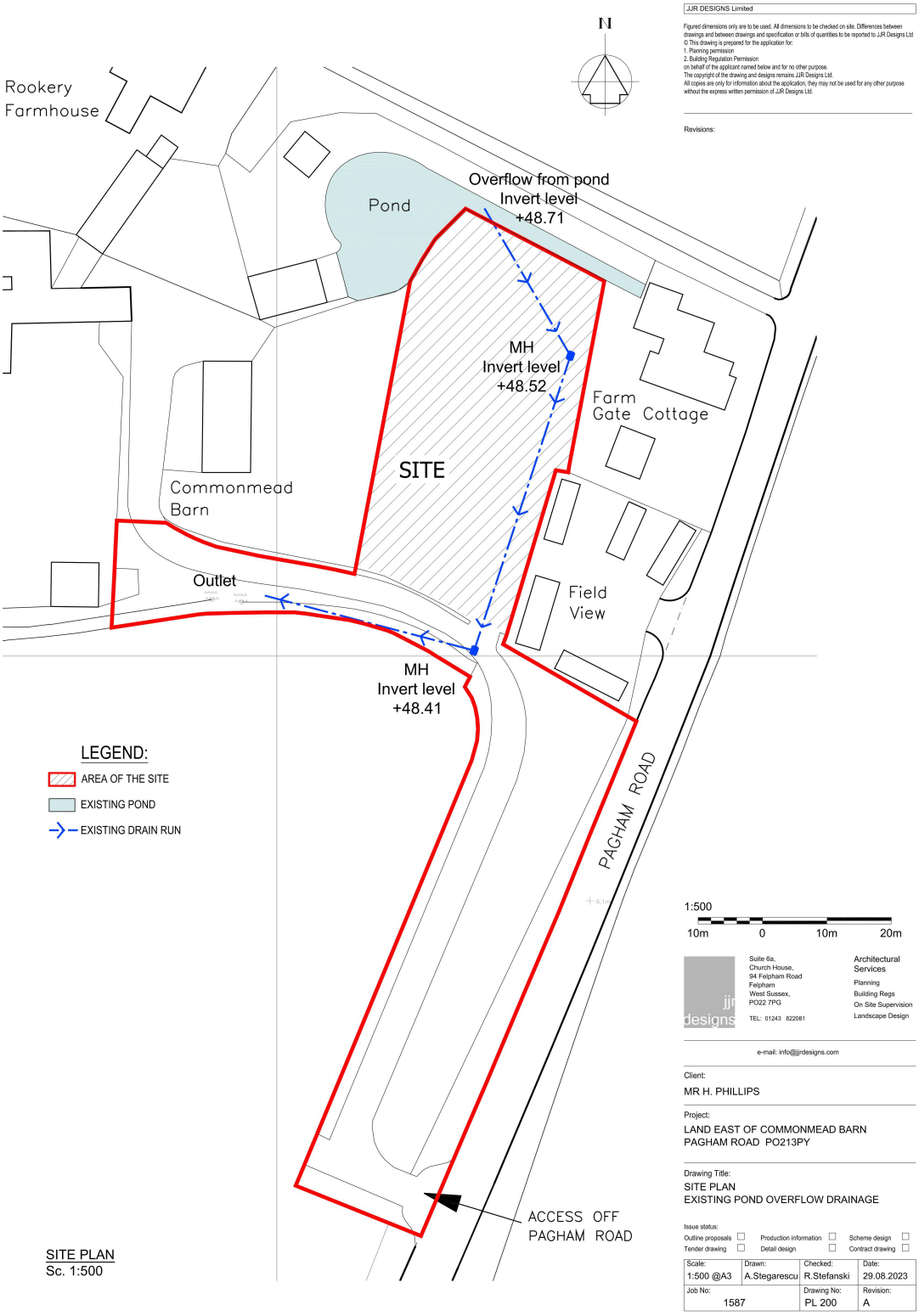
Contractor

Company: Dynamic Drainage
Contact: Terry Stevens
Department: Drainage
Street: York Road
Town or City: Selsey
County: West Sussex
Post Code: PO20 0HZ
Phone: 07876021962
Email: terry@dynamic-services.co.uk

Project Information

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

Project Drawing, Page 'Page'



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:

Suite 6a,
Church House,
94 Felpham Road
Felpham
West Sussex,
PO22 7PG

TEL: 01243 822081

Architectural Services
Planning
Building Regs
On Site Supervision
Landscape Design

e-mail: info@jjrdesigns.com

Client:
MR H. PHILLIPS

Project:
LAND EAST OF COMMONMEAD BARN
PAGHAM ROAD PO213PY

Drawing Title:
SITE PLAN
EXISTING POND OVERFLOW DRAINAGE

Issue status:
Outline proposals ☐ Production information ☐ Scheme design ☐
Tender drawing ☐ Detail design ☐ Contract drawing ☐

Scale:	Drawn:	Checked:	Date:
1:500 @A3	A.Stegarescu	R.Stefanski	29.08.2023
Job No: 1587		Drawing No: PL 200	Revision: A

Scoring Summary

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

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:	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 severly 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	Project Number	Project Date
JJR Designs Ltd - Commonmead Barn		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

Dynamic Services & Drainage

Dynamic Drainage

[redacted]

Completed section inspection

WEB PROJECT CLICK TO OPEN THIS SECTION

Item No.	Insp. No.	Date	Time	Client`s Job Ref	Weather	Pre Cleaned	PLR
1	1	30/04/24	10:00	Not Specified	No Rain Or Snow	No	INLETX

Operator	Vehicle	Camera	Preset Length	Legal Status	Alternative ID
Ryan	Not Specified	Not Specified	Not Specified	Not Specified	Not Specified

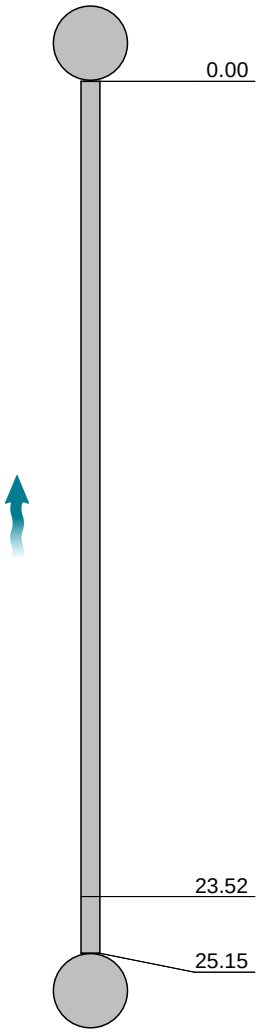
Town or Village:	Bognor Regis	**Inspection Direction:**	Upstream	**Upstream Node:**	INLET
Road:	Pagham Road	**Inspected Length:**	25.15 m	**US Pipe Depth:**	
Location:		**Total Length:**	25.15 m	**Downstream Node:**	SWMH1
Surface Type:		**Joint Length:**		**DS Pipe Depth:**	

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

Depth: m
SWMH1



Position [m]	Code	Observation	MPEG	Photo	Grade
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

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

[redacted]

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

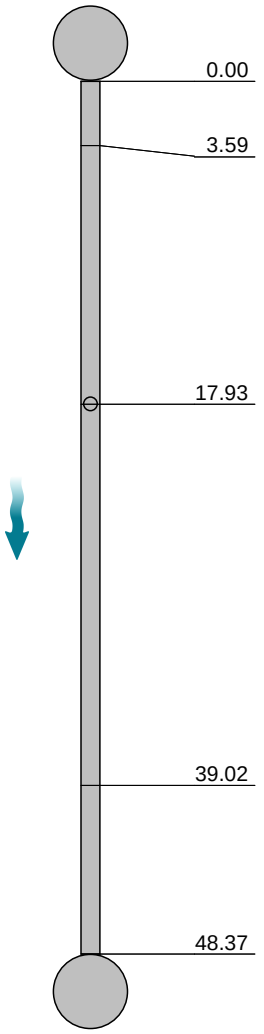
Town or Village:	Bognor Regis	**Inspection Direction:**	Downstream	**Upstream Node:**	SWMH1
Road:	Pagham Road	**Inspected Length:**	48.37 m	**US Pipe Depth:**	
Location:		**Total Length:**	48.37 m	**Downstream Node:**	SWMH2
Surface Type:		**Joint Length:**		**DS Pipe Depth:**	

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

Depth: m
SWMH1



Position [m]	Code	Observation	MPEG	Photo	Grade
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

Dynamic Services & Drainage

Dynamic Drainage

[redacted]

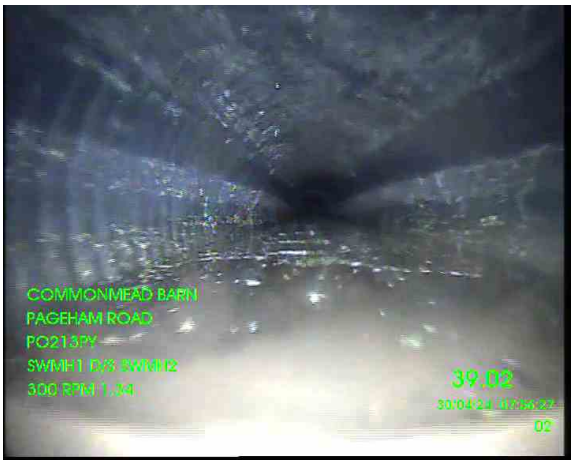
Section Pictures - 30/04/2024 - SWMH1X

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

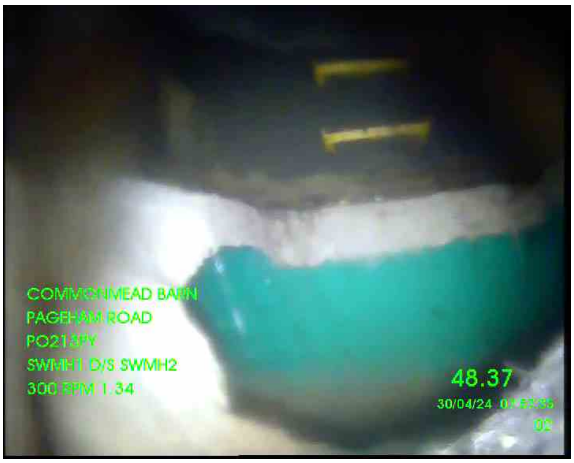
6bf6461b-7c8e-42f1-9c0f-0200ce97ebc2.jpg, 00:00:00, 0.00 m
Water level, 0% of the vertical dimension

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

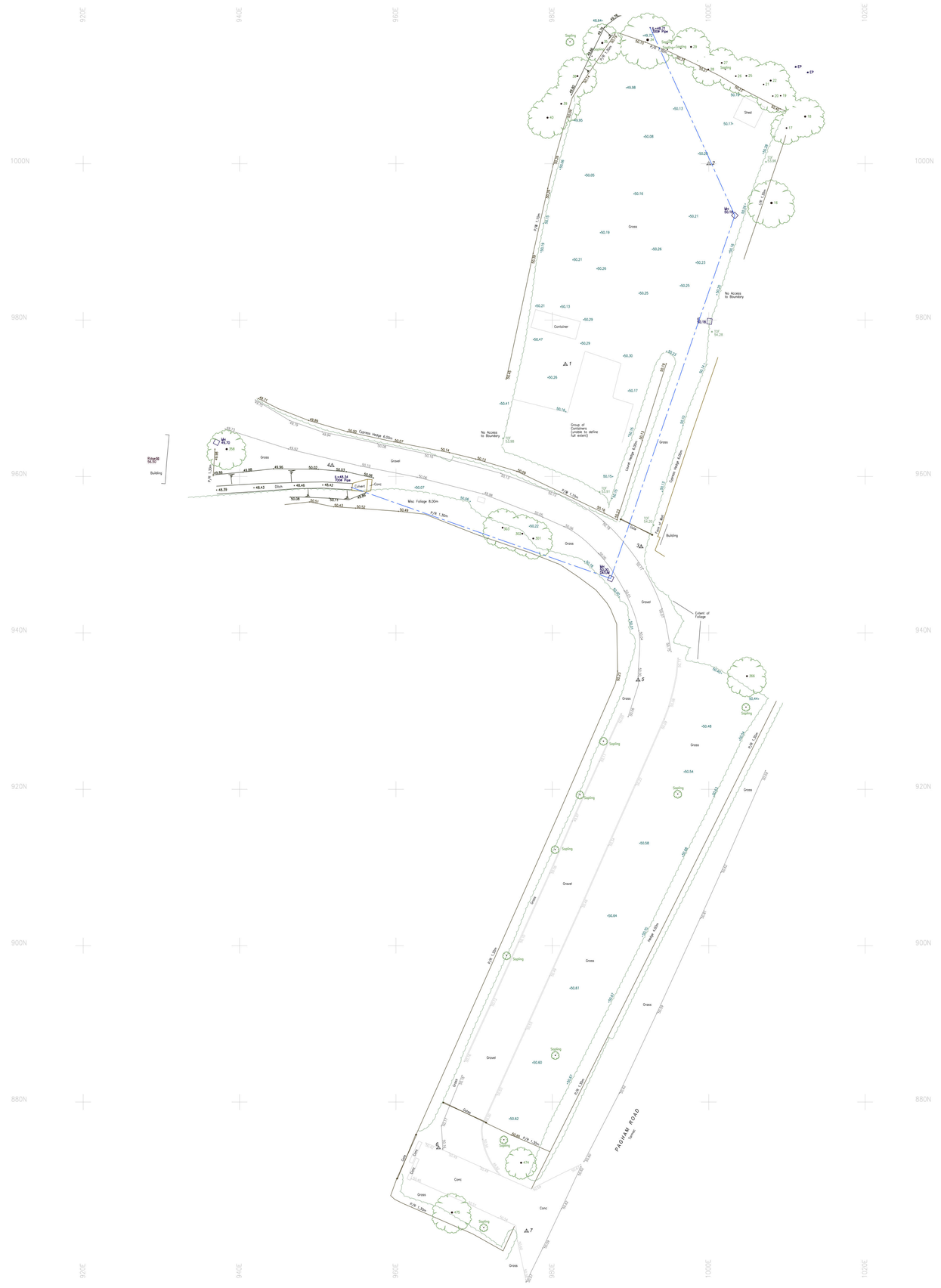
c8d445c6-5c97-4394-a9b1-9c6aadde0601.jpg, 00:01:34, 17.93 m
Connection other than junction at 12 o'clock, 100mm dia



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:

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

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

All 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	BW	Trees	
CORRUGATED IRON FENCE	CI		
CLOSE BOARD FENCE	CB		
CHESTNUT PALING FENCE	CP	Hedges	Cypress Hedge 6.00m; Mixed Hedge 4.00m
IRON RAILING FENCE	IR		
POST AND CHAIN FENCE	PC		
POST AND RAIL FENCE	PR	Walls	Half Brick; Stone Wall
STOCKADE FENCE	ST		
CHAIN LINK FENCE	CL		
LARCH LAP FENCE	LL	Fences	OB 1.8m
INTERWOVEN FENCE	BW		
WIRE MESH FENCE	WM		

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
DRAIN INLET	DI	ROOF LIGHT	RL
ELECTRIC INSPECTION COVER	EC	ROSEWALK EYE	RE
ELECTRICITY POLE	EP	RETAINING WALL	Rtw
FIRE HYDRANT	FH	SUBMASTER PIPE	SMP
FLOWER BED	FB	STOP VALVE	SV
FOUNTAIN	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

Pt. No.	Spread	Base	Height	Feature
16	6.0	0.25	10.0	SILVER BIRCH
17	4.0	0.15	8.0	OAK
18	5.0	0.21	9.0	TREE UNKNOWN
19	4.0	0.12	7.0	TREE UNKNOWN
20	4.0	0.12	7.0	TREE UNKNOWN
21	4.0	0.12	7.0	TREE UNKNOWN
22	5.0	0.18	8.0	TREE UNKNOWN
25	5.0	0.18	9.0	TREE UNKNOWN
26	4.0	0.14	8.0	TREE UNKNOWN
27	4.0	0.16	9.0	TREE UNKNOWN
28	4.0	0.15	7.0	TREE UNKNOWN
29	5.0	0.18	9.0	TREE UNKNOWN
34	7.0	0.28	9.0	TREE UNKNOWN
35	5.0	0.21	10.0	TREE UNKNOWN
38	5.0	0.18	8.0	TREE UNKNOWN
39	5.0	0.18	8.0	TREE UNKNOWN
40	5.0	0.19	8.0	TREE UNKNOWN
301	5.0	0.17	8.0	TREE UNKNOWN
302	5.0	0.17	8.0	TREE UNKNOWN
303	5.0	0.17	8.0	TREE UNKNOWN
358	5.0	0.21	9.0	TREE UNKNOWN
366	5.0	0.18	7.0	TREE UNKNOWN
474	4.0	0.20	5.0	TREE UNKNOWN
475	5.0	0.21	7.0	SILVER BIRCH

North:

Grid: Local Grid

Levelling: Arbitrary Datum Based On Man Hole Value Used 50.00m

Drawing Title:

Topographical Survey

Site Address:

Common Mead Barn
Pagham Road
PO21 3PY

Client:

JJR Designs

Surveyor	MM	Drawn By	HF	Verified By	AF	Date	08.05.24

CM No: CM24001 | Rev:

Scale: 1:200m @ A0 | Date: April 2024

cadmap
Cadmap Ltd
Unit 131 Dunsfold Park
Cranleigh
Surrey, GU6 8TB
T: 01483 429385
E: info@cadmap.co.uk
W: www.cadmap.co.uk

worksafe consultant
HAS
THE SURVEY ASSOCIATION
Constructionline

JJR DESIGNS Limited

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Revisions:

1:200

4m 0 4m 8m

jjr designs

Suite 6a,
Church House,
94 Felpham Road
Felpham
West Sussex,
PO22 7PG

TEL: 01243 822081

Architectural Services
Planning
Building Regs
On Site Supervision
Landscape Design

e-mail: info@jjrdesigns.com

Client:
MR H. PHILLIPS

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

Drawing Title:
PROPOSED SITE PLAN

Issue status:

Outline proposals ☐	Production Information ☐	Scheme design ☐
Tender drawing ☐	Detail design ☐	Contract drawing ☐

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