



**GENERAL NOTES**

DO NOT SCALE OFF THIS DRAWING

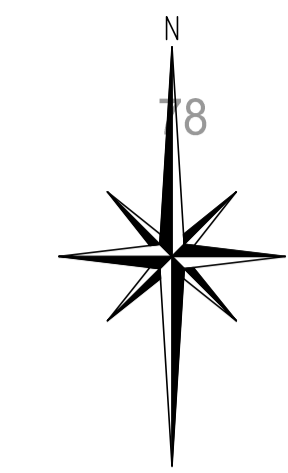
This drawing to read in conjunction with all relevant structural and architectural drawings and specifications.

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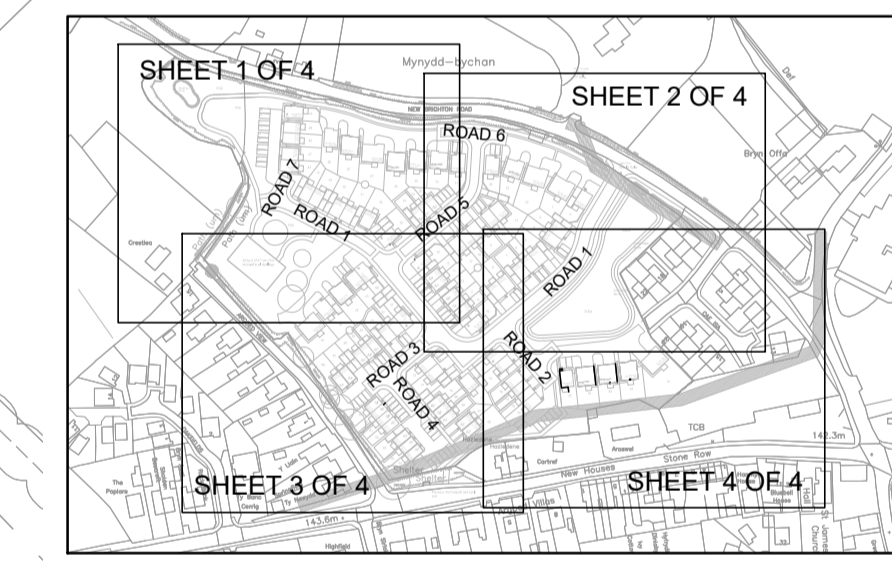
For final setting out information relating to grid lines and wall positions refer to the architect's drawings.



HYDROBRAKE DETAILS	
MANHOLE REFERENCE	S18
MANHOLE SIZE	2700mm DIA.
HYDROBRAKE TYPE	OPTIMUM
HYDROBRAKE REFERENCE	MD-SHE-0122-8300-1834-8300
DISCHARGE RATE	8.3 l/sec
DESIGN HEAD	1.834m
ORIFICE SIZE (mm)	122
WEIR DETAILS	
INVERT LEVEL (m)	139.030m
WEIR LEVEL (m)	N/A

**KEY**

	SITE BOUNDARY
	F1 — MANHOLE REF CL 140.00 — COVER LEVEL IL 138.00 — INVERT LEVEL
	FOUL SEWER
	S1 — MANHOLE REF CL 140.00 — COVER LEVEL IL 138.00 — INVERT LEVEL
	SURFACE WATER SEWER
	SW STORAGE >375mm DIA.
	FLOW CONTROL MANHOLE
DIAMETER 2.000 GRADIENT 25.645m	
PIPE CODE CONC. MATERIAL PIPE DETAILS	
	PRIVATE SURFACE WATER CHAMBER
	PRIVATE FOUL CHAMBER
	ROAD GULLY
	EXISTING FOUL SEWER
	EXISTING SURFACE WATER SEWER
	EXISTING FOUL RISING MAIN
	SEWER EASEMENT



**LOCATION PLAN**

P4	29.04.21	SB	AMENDED TO LATEST LAYOUT	MG
P3	20.08.20	SB	SITE PLAN REVISED	MG
P2	17.05.19	SB	SITE PLAN REVISED	CAD
P1	04.10.18	SB	ISSUED FOR COMMENT	MG
Rev	Date	Checked	Description	By

**PRELIMINARY DRAWING**

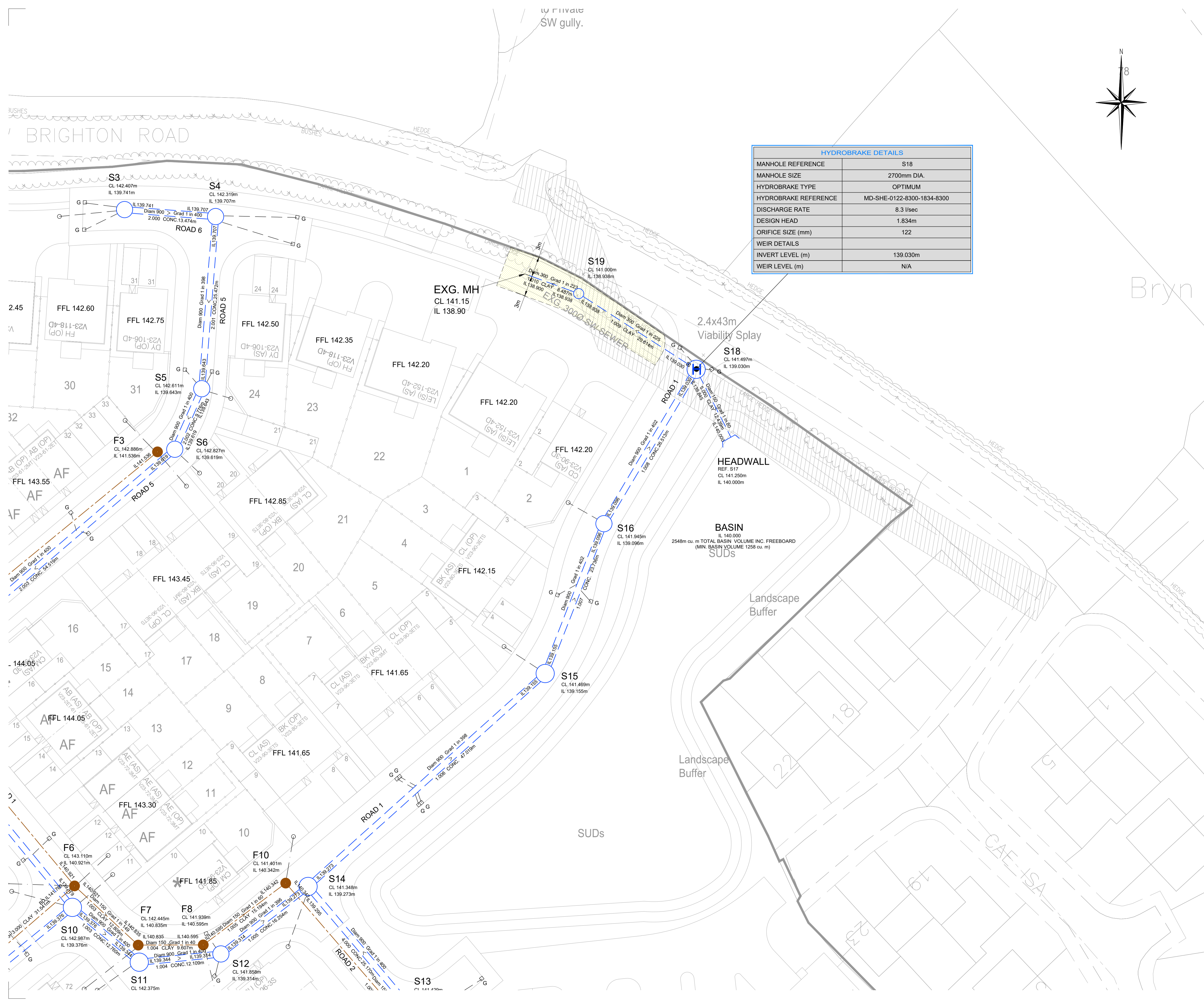
18-20 Harrington Street, Liverpool L2 9QA  
t: 0151 227 3155 f: 0151 227 3156  
e: sutcliffe@sutcliffe.co.uk w: www.sutcliffe.co.uk

Client **STEWART MILNE HOMES**

Project **NEW BRIGHTON ROAD MOLD**

Drawing title **PRELIMINARY DRAINAGE LAYOUT SHEET 2 OF 4**

Scale at A1	1:250	Drawing number	29949-656
Drawn by	MG	Revision suffix	P4
Date	OCT 18		



**GENERAL NOTES**

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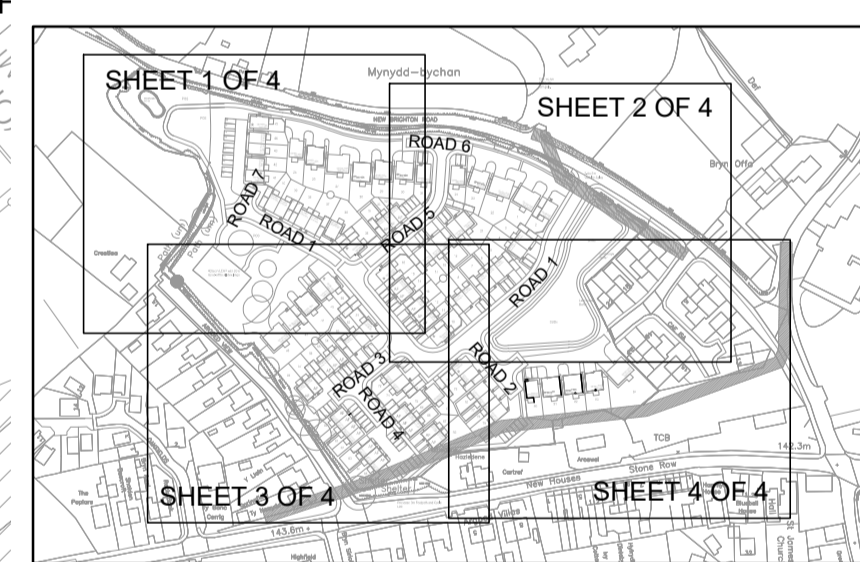
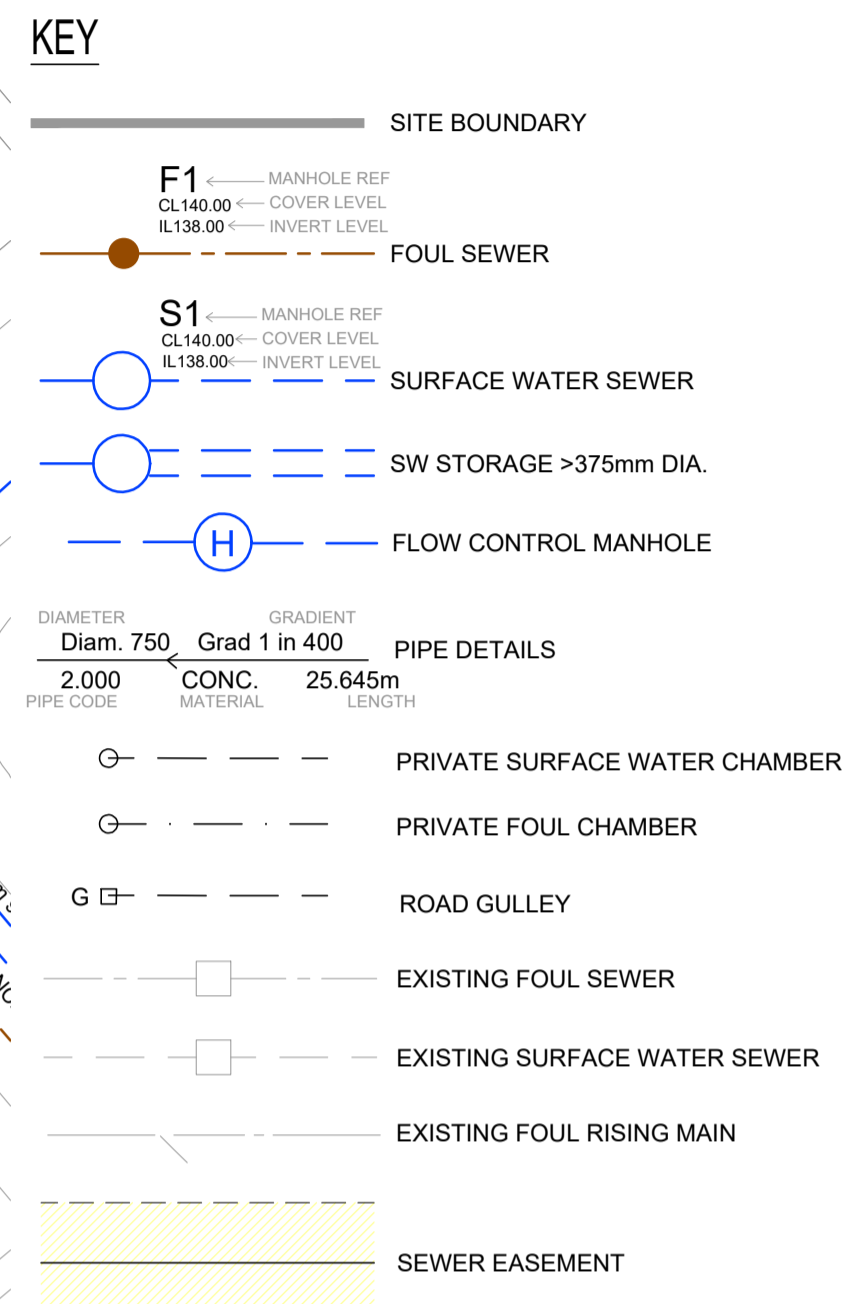
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Rev	Date	Checked	Description	By
P4	29.04.21	SB	AMENDED TO LATEST LAYOUT	MG
P3	20.08.20	SB	SITE PLAN REVISED	MG
P2	17.05.19	SB	SITE PLAN REVISED	CAD
P1	04.10.18	SB	ISSUED FOR COMMENT	MG

**PRELIMINARY DRAWING**

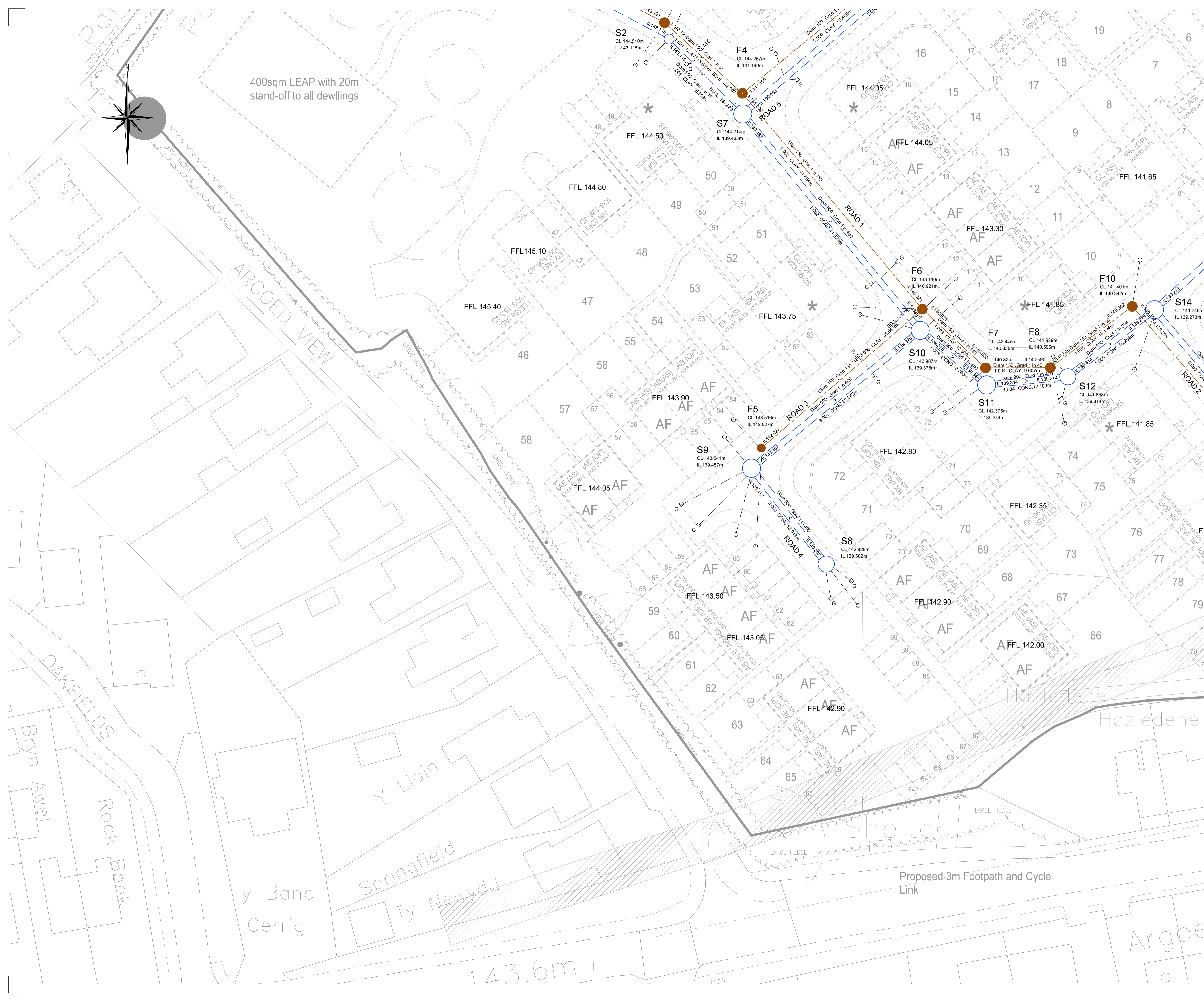
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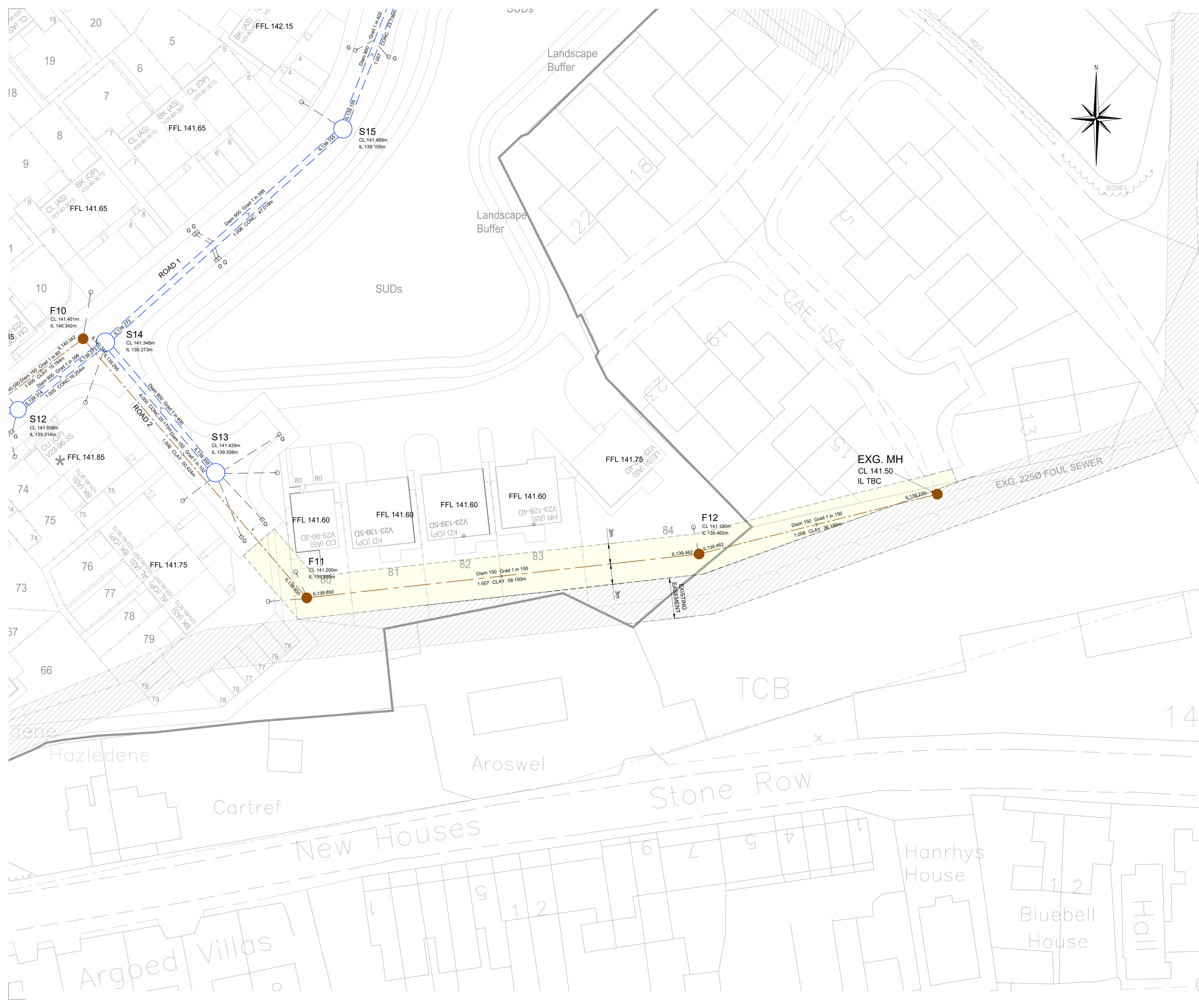
Client **STEWART MILNE HOMES**

Project **NEW BRIGHTON ROAD MOLD**

Drawing title **PRELIMINARY DRAINAGE LAYOUT SHEET 3 OF 4**

Scale at A1	1:250	Drawing number	29949-657
Drawn by	MG	Revision suffix	P4
Date	OCT 18		





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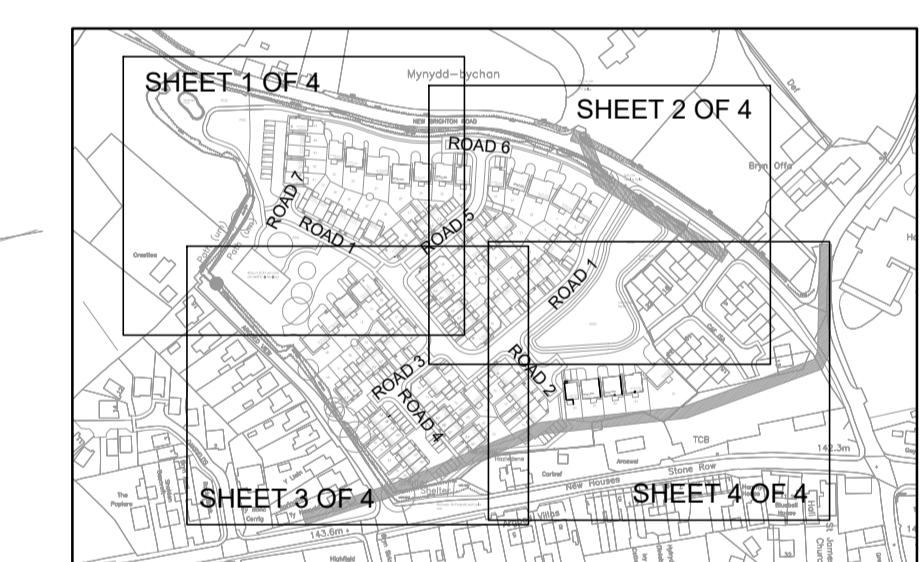


**KEY**

- SITE BOUNDARY
- F1 MANHOLE REF  
CL 140.00 COVER LEVEL  
IL 138.00 INVERT LEVEL
- FOUL SEWER
- S1 MANHOLE REF  
CL 140.00 COVER LEVEL  
IL 138.00 INVERT LEVEL
- SURFACE WATER SEWER
- SW STORAGE >375mm DIA.
- FLOW CONTROL MANHOLE

**PIPE DETAILS**

DIAMETER	GRADIENT	PIPE DETAILS
2,000	1 in 400	25.645m
PIPE CODE	CONC. MATERIAL	LENGTH
	---	PRIVATE SURFACE WATER CHAMBER
	---	PRIVATE FOUL CHAMBER
	---	ROAD GULLEY
	---	EXISTING FOUL SEWER
	---	EXISTING SURFACE WATER SEWER
	---	EXISTING FOUL RISING MAIN
	---	SEWER EASEMENT



**LOCATION PLAN**

P4	29.04.21	SB	AMENDED TO LATEST LAYOUT	MG
P3	20.08.20	SB	SITE PLAN REVISED	MG
P2	17.05.19	SB	SITE PLAN REVISED	CAD
P1	04.10.18	SB	ISSUED FOR COMMENT	MG
Rev Date	Checked	Description		By

**PRELIMINARY DRAWING**

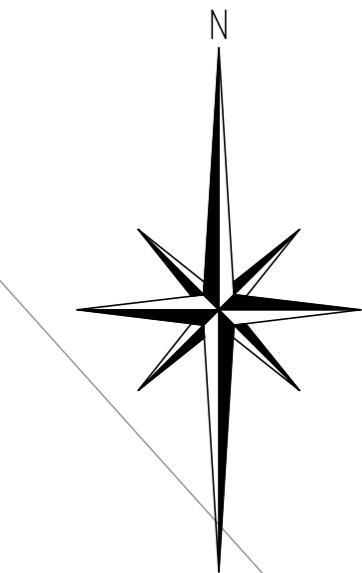
18-20 Harrington Street, Liverpool L2 9QA  
 t: 0151 227 3155 f: 0151 227 3156  
 e: sutcliffe@sutcliffe.co.uk w: www.sutcliffe.co.uk

Client **STEWART MILNE HOMES**

Project **NEW BRIGHTON ROAD MOLD**

Drawing title **PRELIMINARY DRAINAGE LAYOUT SHEET 4 OF 4**

Scale at A1	1:250	Drawing number	29949-658
Drawn by	MG	Revision suffix	P4
Date	OCT 18		



HYDROBRAKE DETAILS	
MANHOLE REFERENCE	S18
MANHOLE SIZE	2700mm DIA
HYDROBRAKE TYPE	OPTIMUM
HYDROBRAKE REFERENCE	MD-SHE-0122-8300-1834-8300
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DESIGN HEAD	1.834m
ORIFICE SIZE (mm)	122
WEIR DETAILS	
INVERT LEVEL (m)	139.030m
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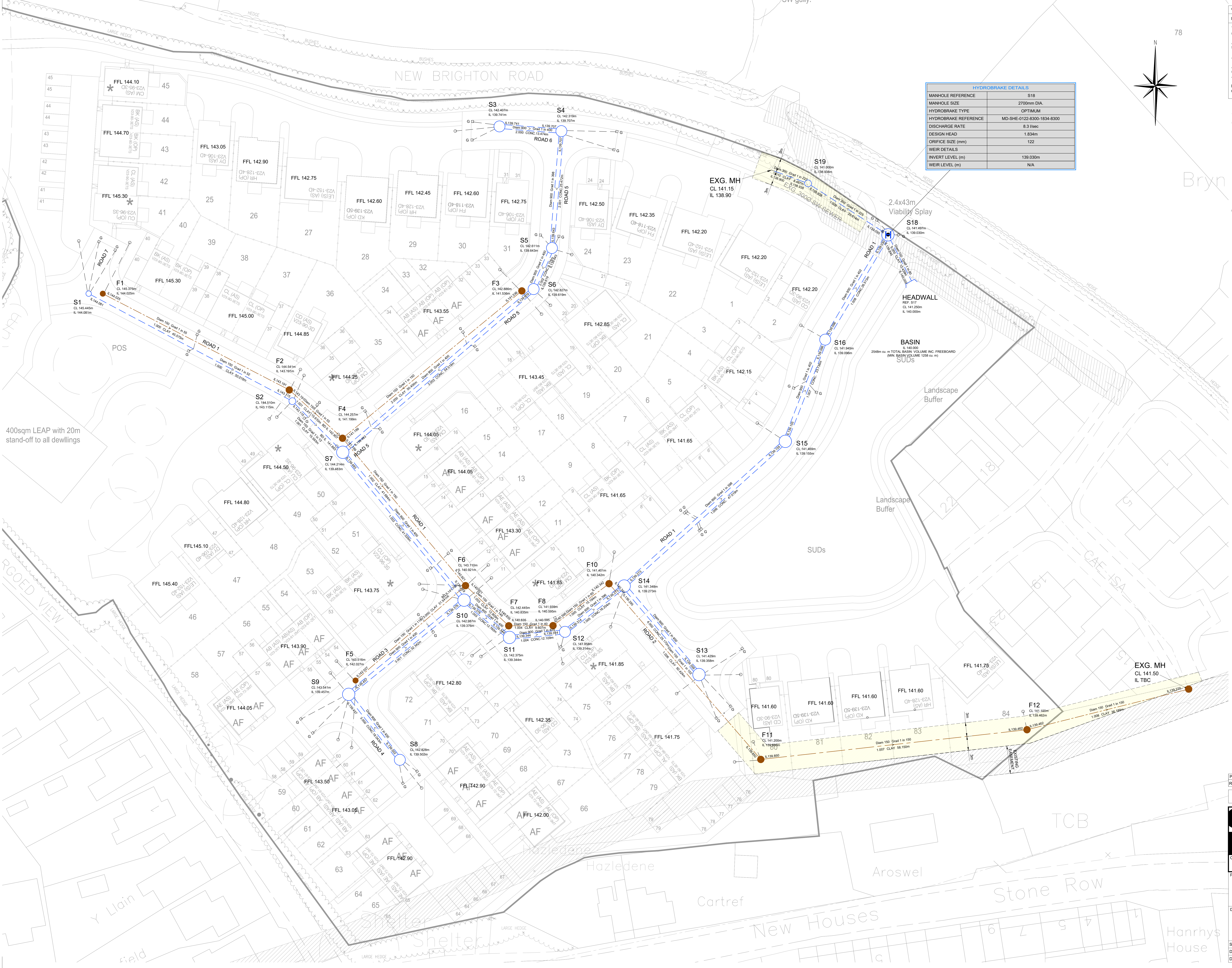
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**KEY**

	SITE BOUNDARY
	F1 MANHOLE REF CL 144.00m - COVER LEVEL IL 139.00m - INVERT LEVEL
	FOUL SEWER
	S1 MANHOLE REF CL 144.00m - COVER LEVEL IL 139.00m - INVERT LEVEL
	SURFACE WATER SEWER
	SW STORAGE >375mm DIA
	FLOW CONTROL MANHOLE

	PRIVATE SURFACE WATER CHAMBER
	PRIVATE FOUL CHAMBER
	ROAD GULLY
	EXISTING FOUL SEWER
	EXISTING SURFACE WATER SEWER
	EXISTING FOUL RISING MAIN
	SEWER EASEMENT



400sqm LEAP with 20m stand-off to all dwellings

P1	30.04.21	SB	ISSUED FOR COMMENT	MG
Rev	Date	Checked	Description	By

**PRELIMINARY DRAWING**

18-20 Harrington Street, Liverpool L2 9QA  
 t: 0151 227 3155 f: 0151 227 3156  
 e: sutcliffe@sutcliffe.co.uk w: www.sutcliffe.co.uk

Client: **STEWART MILNE HOMES**

Project: **NEW BRIGHTON ROAD MOLD**

Drawing title: **PRELIMINARY DRAINAGE LAYOUT OVERALL SITE**

Scale at A0	1:250	Drawing number	29949-659
Drawn by	MG	Revision	
Date	APR 21	Revision suffix	P1