



Drainage Key

- Existing Surface Water Sewer
- Existing Foul Water Sewer
- Existing Combined Sewer
- Existing Culverted Watercourse
- Proposed S104 Foul Water Sewer
- Proposed S104 Surface Water Sewer
- Proposed Sewer Easement
- Proposed S38 Highway Drainage
- Proposed S38 Road Gully
- Proposed Private SW Demarcation Chamber
- Proposed Private FW Demarcation Chamber
- Proposed Pond / Permanent bodies of water
- Proposed Vegetated Engineered Embankment

A	03.04.2023	S206 flow control details added	JGM	AB
Revision	Date	Amendment	By	Check

Designers' Risk Assessment	
Comment	
1.	
2.	
3.	

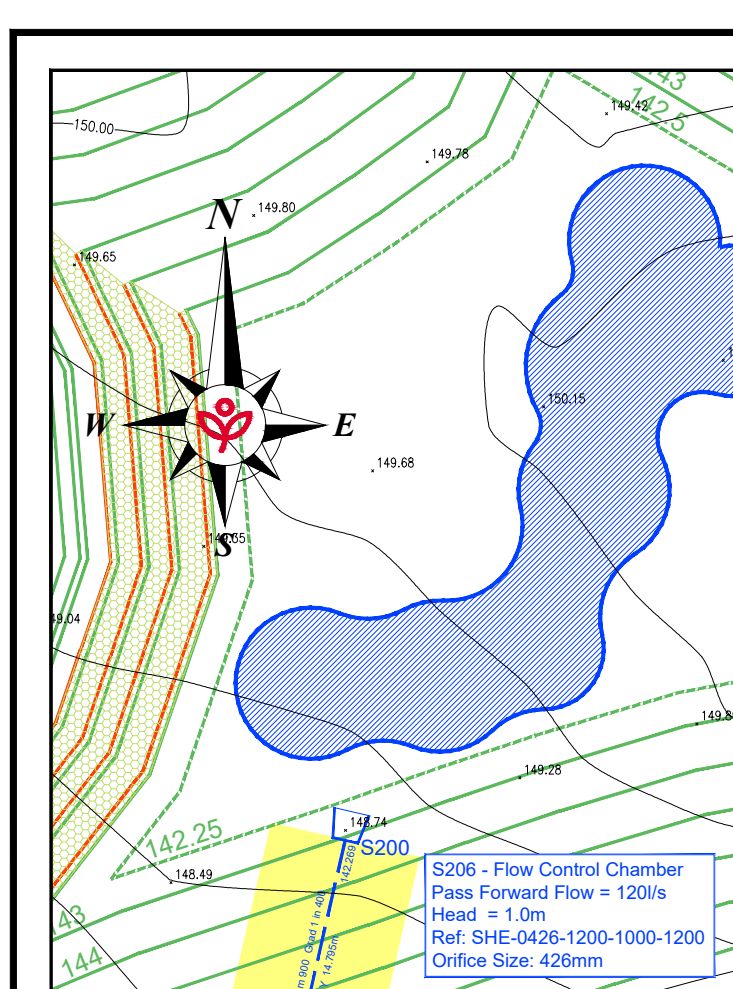
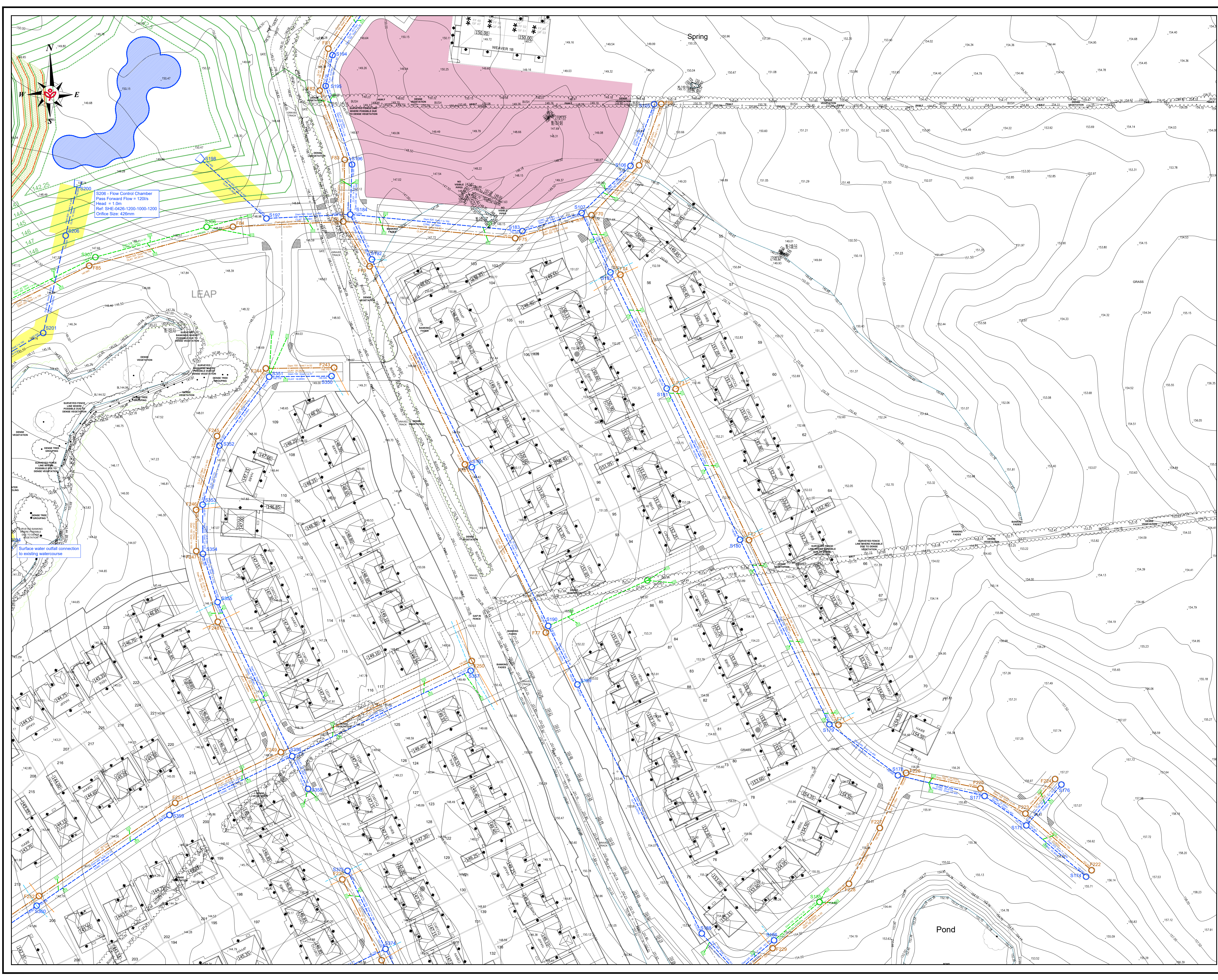
Development		Stakehill	
Location		Manchester Road, Middleton	
Marking Name		-----	
Drawing Title		Drainage Layout (Sheet 1 of 4)	
Drawing Number	4159 / Eng / 101-1	Revision	A
Drawn By	JGM	Scale at A1	1:500
Checked by	AB	First Issue	21.03.2023



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S206 - Flow Control Chamber
Pass Forward Flow = 120%
Head = 1.0m
Rat. SFE: 1425-1200-1000-1200
Orifice Size: 425mm

- Drainage Key**
- Ex 2250 Existing Surface Water Sewer
 - Ex 2250 Existing Foul Water Sewer
 - Ex 2250 Existing Combined Sewer
 - Ex 2250 Existing Culverted Watercourse
 - 1500 @ 1:150 Proposed S104 Foul Water Sewer
 - 2250 @ 1:170 Proposed S104 Surface Water Sewer
 - Proposed Sewer Easement
 - 2250 @ 1:170 Proposed S38 Highway Drainage
 - Proposed S38 Road Gully
 - Proposed Private SW Demarcation Chamber
 - Proposed Private FW Demarcation Chamber
 - Proposed Pond / Permanent bodies of water
 - Proposed Vegetated Engineered Embankment

Revision	Date	Amendment	JGM	AB
1		S206 flow control details added	By	Check

Designers' Risk Assessment	
Comment	
1	
2	
3	

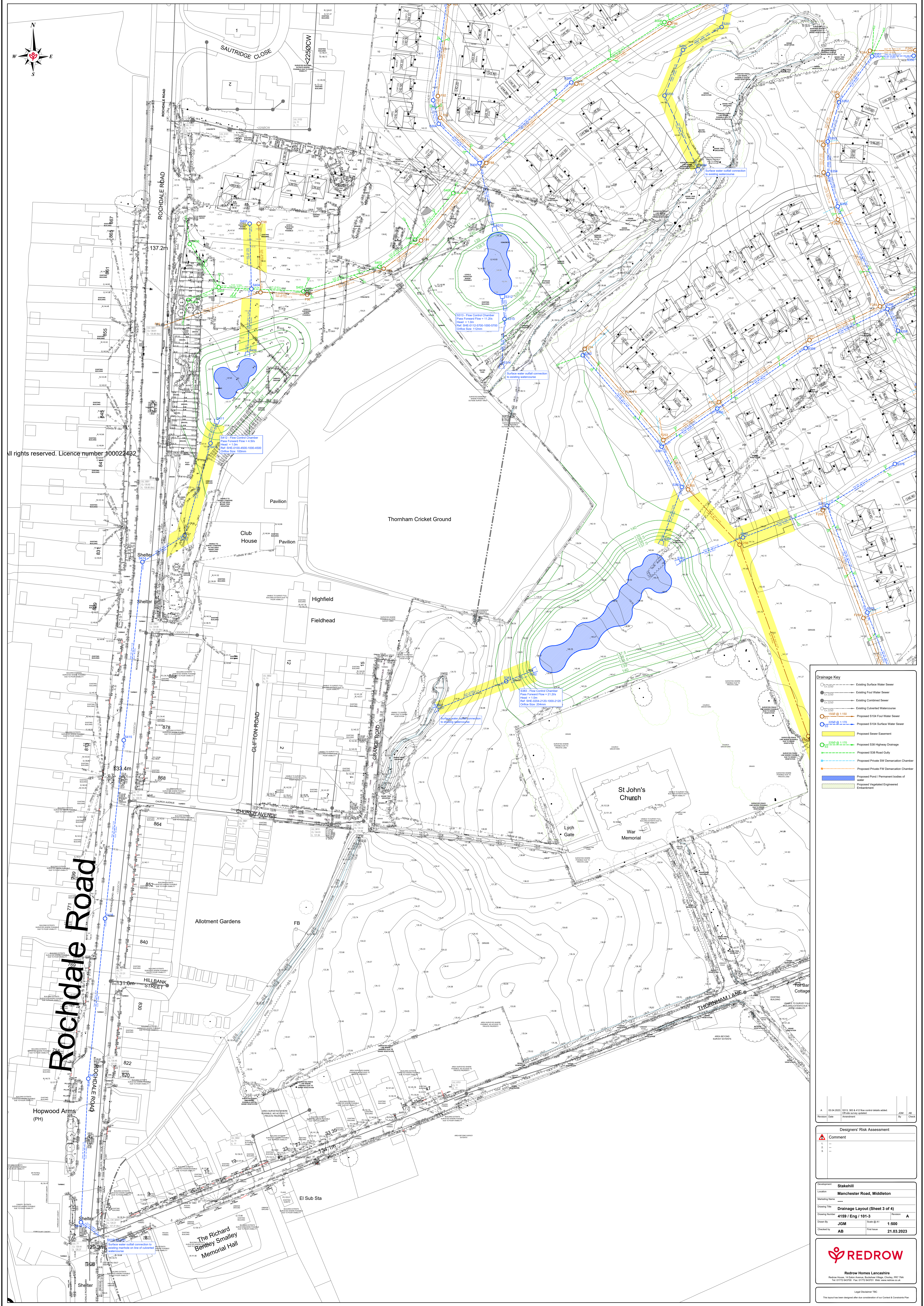
Development Stakehill	
Location Manchester Road, Middleton	
Marketing Name	
Drawing Title Drainage Layout (Sheet 2 of 4)	
Drawing Number 4159 / Eng / 101-2	Revision A
Drawn By JGM	Scale @ A1 1:500
Checked by AB	First Issue 21.03.2023



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A	03.04.2023	S313, S35 & 412 flow control details added. Off site survey updated.	JGM	AB
Revised	Date	Amendment	By	Check

Designers' Risk Assessment	
Comment	
1.	
2.	
3.	

Development	Stakehill
Location	Manchester Road, Middleton
Marketing Name	
Drawing Title	Drainage Layout (Sheet 3 of 4)
Drawing Number	4159 / Eng / 101-3
Drawn By	JGM
Checked By	AB
Scale	Scale @ A1
First Issue	21.03.2023

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