

## **Appendix 16.2 Proposed Stormwater Layout Drawings**

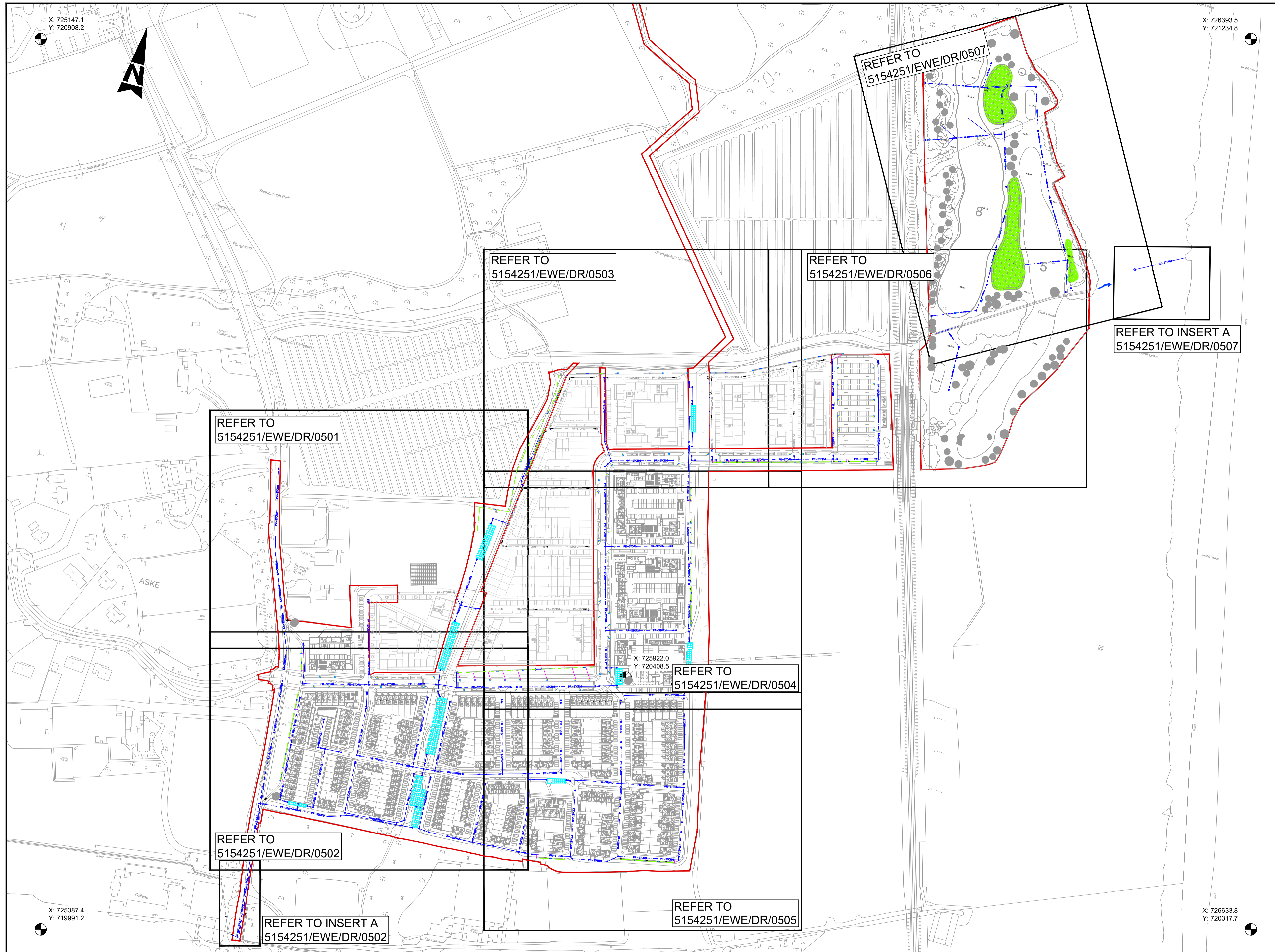


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DO NOT SCALE

File: 5154251\_LMC\_DR\_0500.dwg

Date: Oct 29, 2019 - 7:31pm Plotted by: patrick.sheridan




- GENERAL NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE
  2. ONLY WRITTEN DIMENSIONS SHALL BE USED. NO DIMENSIONS SHALL BE SCALED FROM THE DRAWINGS
  3. ALL LEVELS ARE IN METRES AND ARE TO MALIN HEAD DATUM
  4. ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
  5. DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

**LEGEND:**

— SITE BOUNDARY

OS SHEET REFERENCES  
3518-12, 3518-13, 3518-17, 3518-18  
3518-22, 3518-23, 3568-02, 3568-03

Rev	Description	By	Date	Chk'd	Auth
-	FOR PLANNING	PS	18.10.19	AC	GH
-	FINAL CLIENT APPROVAL	PS	09.10.19	AC	GH



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Client: **AEVAL**

Project: **WOODBROOK PHASE 1**

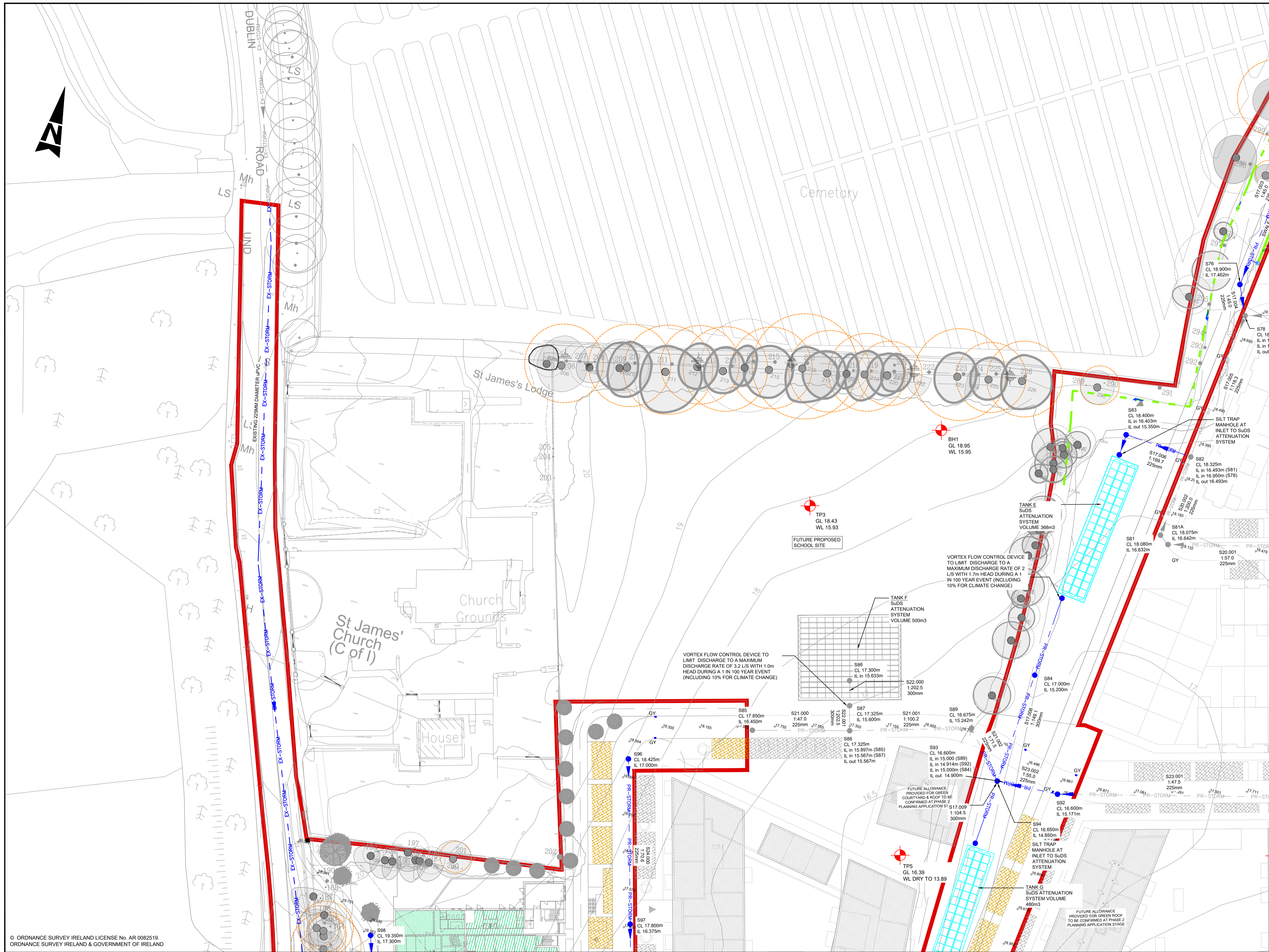
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Original Scale 1:2000 at A1 1:4000 at A3	Design/Drawn PS Date 16.05.19
Checked AC Date 16.05.19	Authorised GH Date 16.05.19
Status P	Drawing Number 5154251 / EWE / DR / 0500



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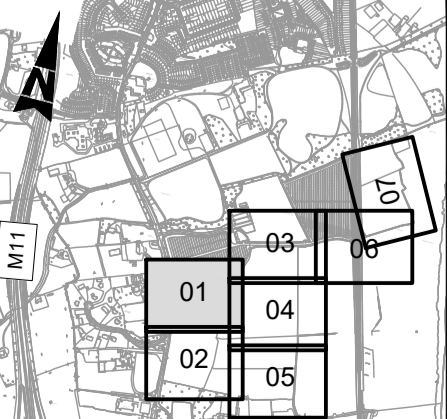
File: 5154251\_ENC\_0501\_0507.dwg  
Date: Oct 29, 2019 - 7:05pm  
Plotted by: patrick.sheridan



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LEGEND	
	SITE BOUNDARY
	PR-STORM PROPOSED STORM DRAINAGE
	SXX PROPOSED STORM WATER MANHOLE
	PR-STORM PROPOSED STORM DRAINAGE FOR FUTURE DEVELOPMENT
	GY PROPOSED ROAD GULLY
	PR-FD PROPOSED INSPECTION CHAMBER & FILTER DRAIN
	PROPOSED COLLECTOR DRAIN
	PROPOSED SWALE & PERFORATED MANHOLE COVER
	PROPOSED TREE PIT LOCATION
	PROPOSED UNDERGROUND SUDS ATTENUATION SYSTEM
	PROPOSED PERMEABLE PAVING
	PROPOSED INTENSIVE GREEN COURTYARD
	PROPOSED EXTENSIVE GREEN ROOF
	EXISTING STORM DRAINAGE
	EXISTING DITCH TO BE RETAINED
	EXISTING FOUL RISING MAIN 630mmOD & WAYLEAVE
	SITE INVESTIGATION TRIAL PIT LOCATION
	EXISTING TREE AND ROOT PROTECTION AREA



Rev	Description	By	Date	Chk'd	Auth
E	FOR PLANNING	PS	18.10.19	AC	GH
E	FINAL CLIENT APPROVAL	PS	09.10.19	AC	GH
D	SUDS AUDIT REVIEW	PS	11.08.19	AC	GH
C	SUDS AUDIT REVIEW	PS	28.05.19	GH	KB
B	PRE-PLANNING ISSUE	PM	01.11.18	GH	KB
A	LANDSCAPING ADDED	PM	19.09.18	GH	KB
-	FOR INFORMATION	RG	07.08.18	JW	KB

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Client	AEVAL		
Project	WOODBROOK PHASE 1		

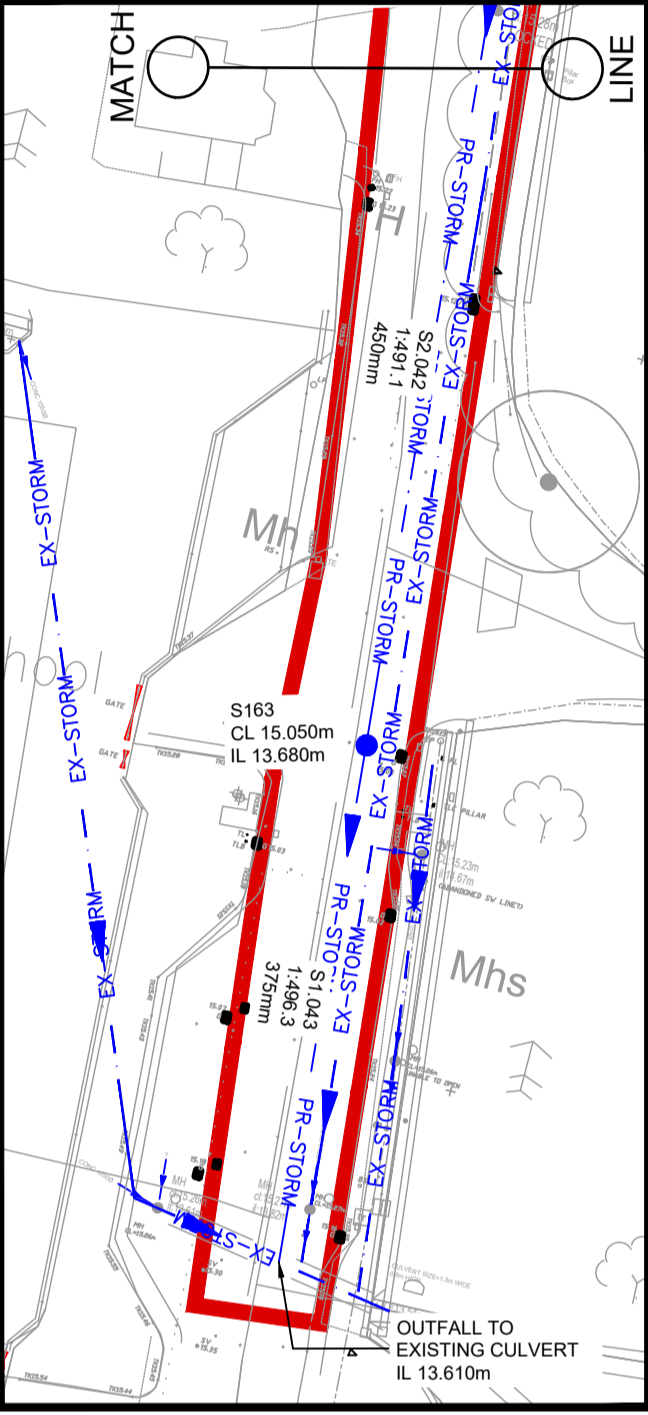
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1:1000 at A3	Date	17.04.18	Checked
Status	P	17.04.18	GH
Drawing Number	5154251 / EWE / DR / 0501		Authorised
			JN
			Rev
			E



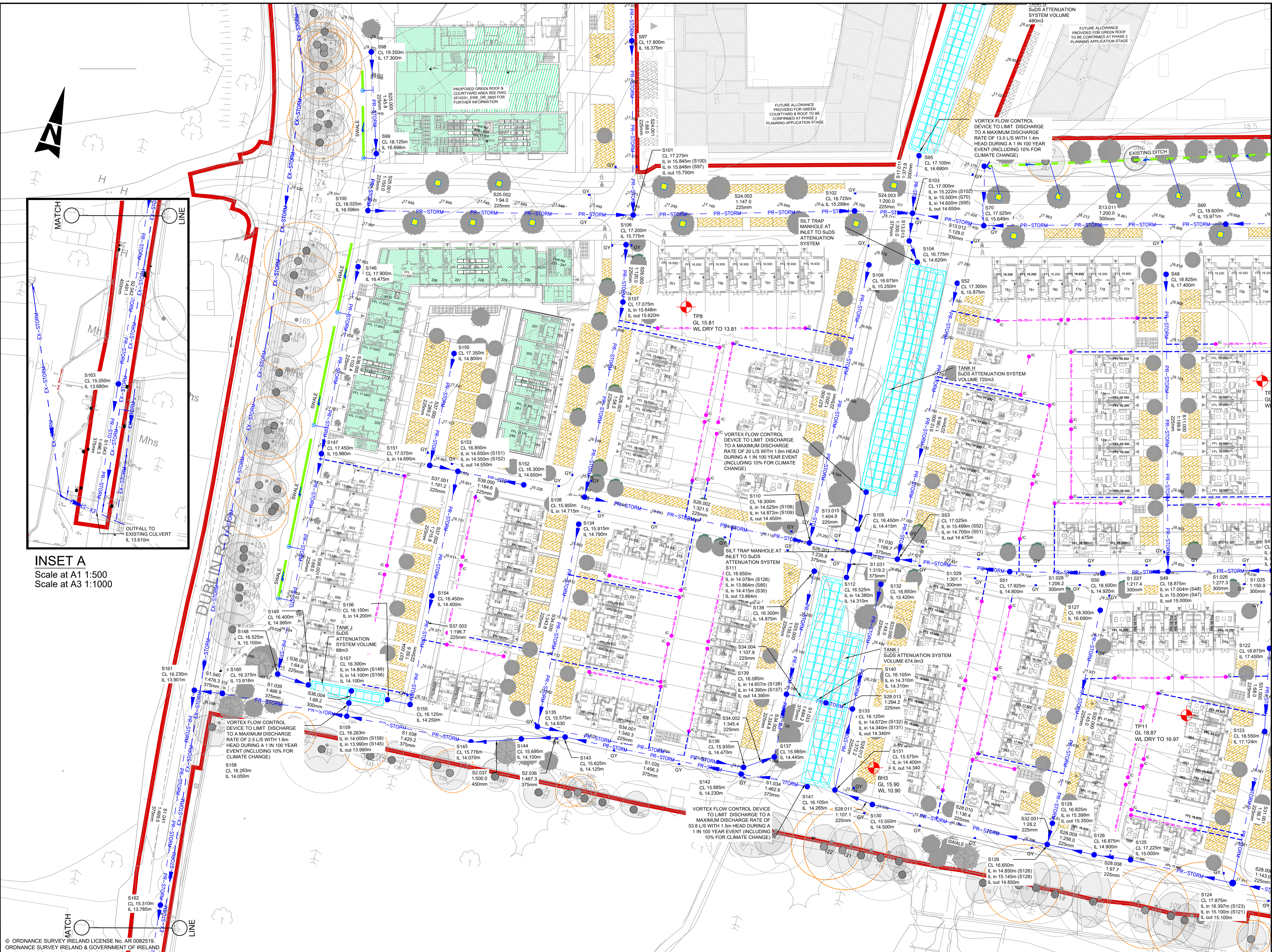
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DO NOT SCALE

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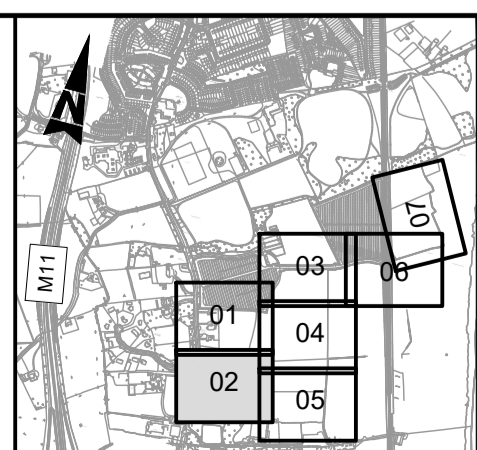


**INSET A**  
Scale at A1 1:500  
Scale at A3 1:1000



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LEGEND	
	SITE BOUNDARY
	PROPOSED STORM DRAINAGE
	SXX PROPOSED STORM WATER MANHOLE
	PROPOSED STORM DRAINAGE FOR FUTURE DEVELOPMENT
	PROPOSED ROAD GULLY
	PROPOSED INSPECTION CHAMBER & FILTER DRAIN
	PROPOSED COLLECTOR DRAIN
	PROPOSED SWALE & PERFORATED MANHOLE COVER
	PROPOSED TREE PIT LOCATION
	PROPOSED UNDERGROUND SUDS ATTENUATION SYSTEM
	PROPOSED PERMEABLE PAVING
	PROPOSED INTENSIVE GREEN COURTYARD
	PROPOSED EXTENSIVE GREEN ROOF DEVELOPMENT
	EXISTING STORM DRAINAGE
	EXISTING DITCH TO BE RETAINED
	EXISTING FOUL RISING MAIN 630mmØD & WAYLEAVE
	SITE INVESTIGATION TRIAL PIT LOCATION
	EXISTING TREE AND ROOT PROTECTION AREA



Rev	Description	By	Date	Chk'd	Auth
E	FINAL CLIENT APPROVAL	PS	09.10.19	AC	GH
D	SUDS AUDIT REVIEW	PS	11.08.19	AC	GH
C	SUDS AUDIT REVIEW	PS	28.05.19	GH	KB
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A	LANDSCAPING ADDED	PM	19.09.18	GH	KB
-	FOR INFORMATION	RG	07.08.18	JW	KB

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Fax: (+353) 091 779 830

Client	AEVAL						
Project	WOODBROOK PHASE 1						
Original Scale	1:500 at A1	Design/Drawn	PS	Checked	GH	Authorised	JN
	1:1000 at A3	Date	17.04.18	Date	17.04.18	Date	17.04.18
Status	P	Drawing Number	5154251 / EWE / DR / 0502		Rev	E	

Purpose	PLANNING			
Title	PROPOSED STORM WATER LAYOUT SHEET 2 of 7			

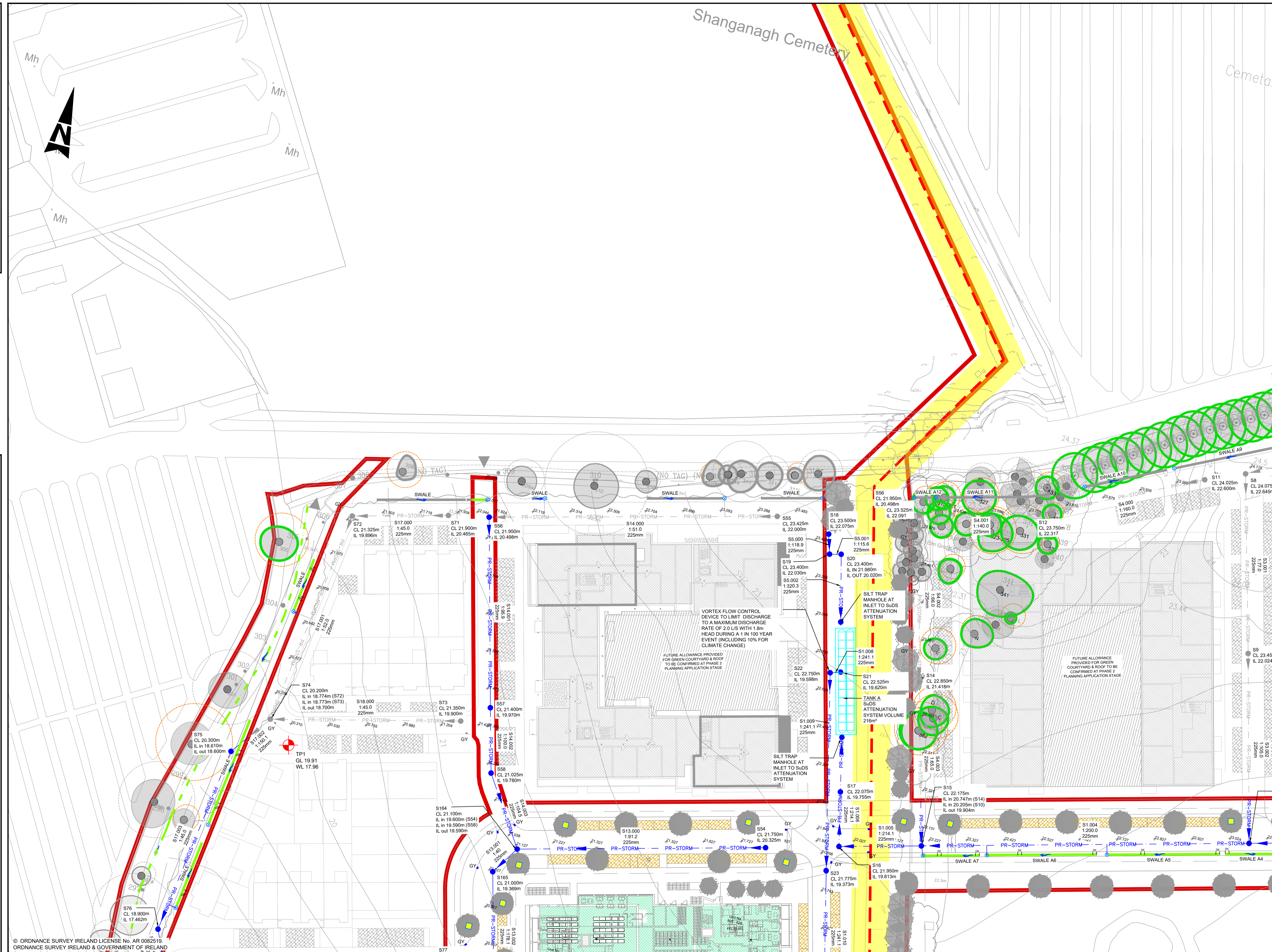


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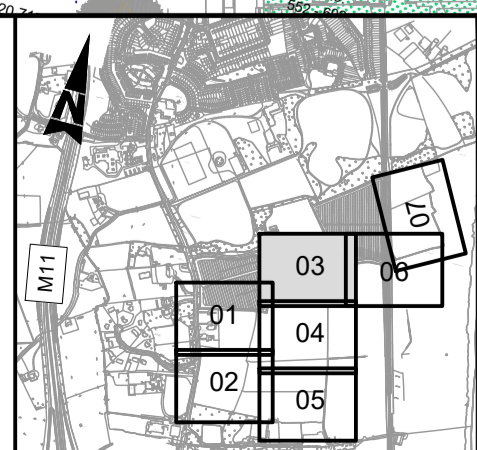
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File: 5154251\_EWE\_DR\_0501\_0507.dwg

Date: Oct 29, 2019 - 7:15pm Plotted by: patrick.sheridan



LEGEND		PROPOSED UNDERGROUND SUDS ATTENUATION SYSTEM	
[Red line]	SITE BOUNDARY	[Blue dashed line]	PROPOSED PERMEABLE PAVING
[Blue dashed line]	PR-STORM PROPOSED STORM DRAINAGE	[Green hatched area]	PROPOSED INTENSIVE GREEN COURTYARD
[Blue circle]	SXX PROPOSED STORM WATER MANHOLE	[Green hatched area]	PROPOSED EXTENSIVE GREEN ROOF
[Blue dashed line]	PR-STORM PROPOSED STORM DRAINAGE FOR FUTURE DEVELOPMENT	[Blue dashed line]	EXISTING STORM DRAINAGE
[Blue dashed line]	GY PROPOSED ROAD GULLY	[Green dashed line]	EXISTING DITCH TO BE RETAINED
[Blue dashed line]	PR-FD PROPOSED INSPECTION CHAMBER & FILTER DRAIN	[Red dashed line]	EXISTING FOUL RISING MAIN 630mmOD & WAYLEAVE
[Blue dashed line]	PROPOSED COLLECTOR DRAIN	[Red circle]	SITE INVESTIGATION TRIAL PIT LOCATION
[Blue dashed line]	PROPOSED SWALE & PERFORATED MANHOLE COVER	[Red circle]	EXISTING TREE AND ROOT PROTECTION AREA
[Blue square]	PROPOSED TREE PIT LOCATION		



Rev	Description	By	Date	Chk'd	Auth
E	FOR PLANNING	PS	18.10.19	AC	GH
E	FINAL CLIENT APPROVAL	PS	09.10.19	AC	GH
D	SUDS AUDIT REVIEW	PS	11.08.19	AC	GH
C	SUDS AUDIT REVIEW	PS	28.05.19	GH	KB
B	PRE-PLANNING ISSUE	PM	01.11.18	GH	KB
A	LANDSCAPING ADDED	PM	19.09.18	GH	KB
-	FOR INFORMATION	RG	07.08.18	JW	KB

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Client	AEVAL		
Project	WOODBROOK PHASE 1		

- GENERAL NOTES**
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  - ALL COORDINATES ARE IN METRES AND ARE TO IRISH TRANSVERSE MERCATOR
  - DRAWINGS ARE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION

Purpose	PLANNING		
Title	PROPOSED STORM WATER LAYOUT SHEET 3 of 7		
Original Scale	1:500 at A1	Design/Drawn	PS
1:1000 at A3	Date	17.04.18	Checked
Status	P	Drawing Number	5154251 / EWE / DR / 0503
Authorised	JN	Date	17.04.18
Rev	E		



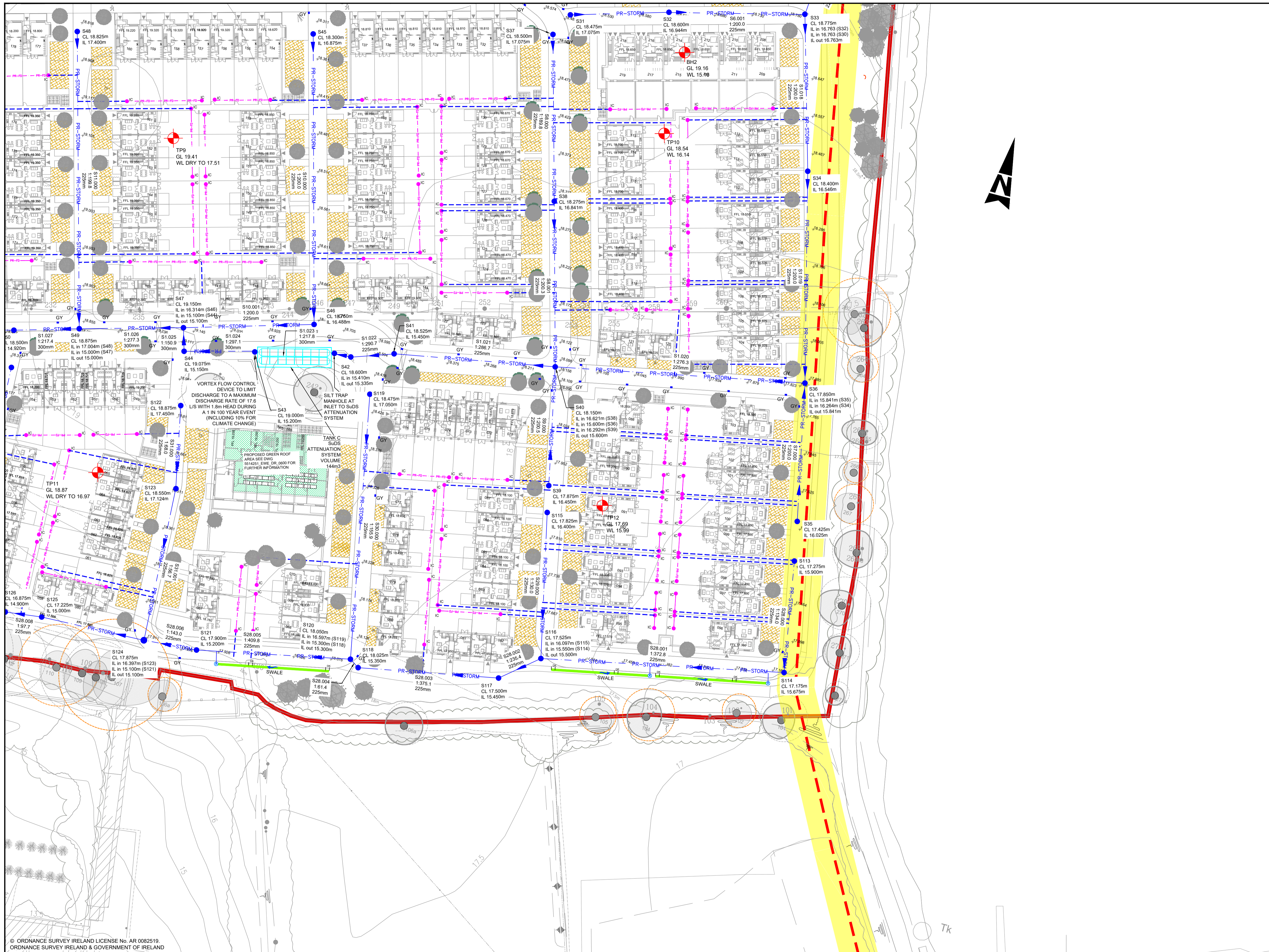




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DO NOT SCALE

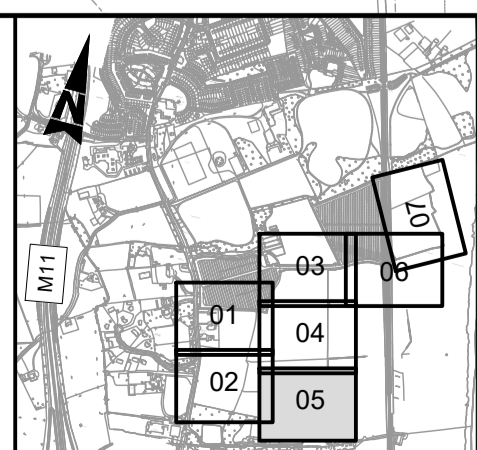
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Plotted by: patrick.sheridan



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LEGEND		PROPOSED UNDERGROUND SUDS ATTENUATION SYSTEM	
	SITE BOUNDARY		PROPOSED PERMEABLE PAVING
	PR-STORM PROPOSED STORM DRAINAGE		PROPOSED INTENSIVE GREEN COURTYARD
	SXX PROPOSED STORM WATER MANHOLE		PROPOSED EXTENSIVE GREEN ROOF
	PR-STORM PROPOSED STORM DRAINAGE FOR FUTURE DEVELOPMENT		EXISTING STORM DRAINAGE
	GY PROPOSED ROAD GULLY		EXISTING DITCH TO BE RETAINED
	PR-FD PROPOSED INSPECTION CHAMBER & FILTER DRAIN		EXISTING FOUL RISING MAIN 630mmOD & WAYLEAVE
	PROPOSED COLLECTOR DRAIN		SITE INVESTIGATION TRIAL PIT LOCATION
	PROPOSED SWALE & PERFORATED MANHOLE COVER		EXISTING TREE AND ROOT PROTECTION AREA
	PROPOSED TREE PIT LOCATION		



Rev	Description	By	Date	Chk'd	Auth
E	FOR PLANNING	PS	18.10.19	AC	GH
E	FINAL CLIENT APPROVAL	PS	09.10.19	AC	GH
D	SUDS AUDIT REVIEW	PS	11.08.19	AC	GH
C	SUDS AUDIT REVIEW	PS	28.05.19	GH	KB
B	PRE-PLANNING ISSUE	PM	01.11.18	GH	KB
A	LANDSCAPING ADDED	PM	19.09.18	GH	KB
-	FOR INFORMATION	RG	07.08.18	JW	KB

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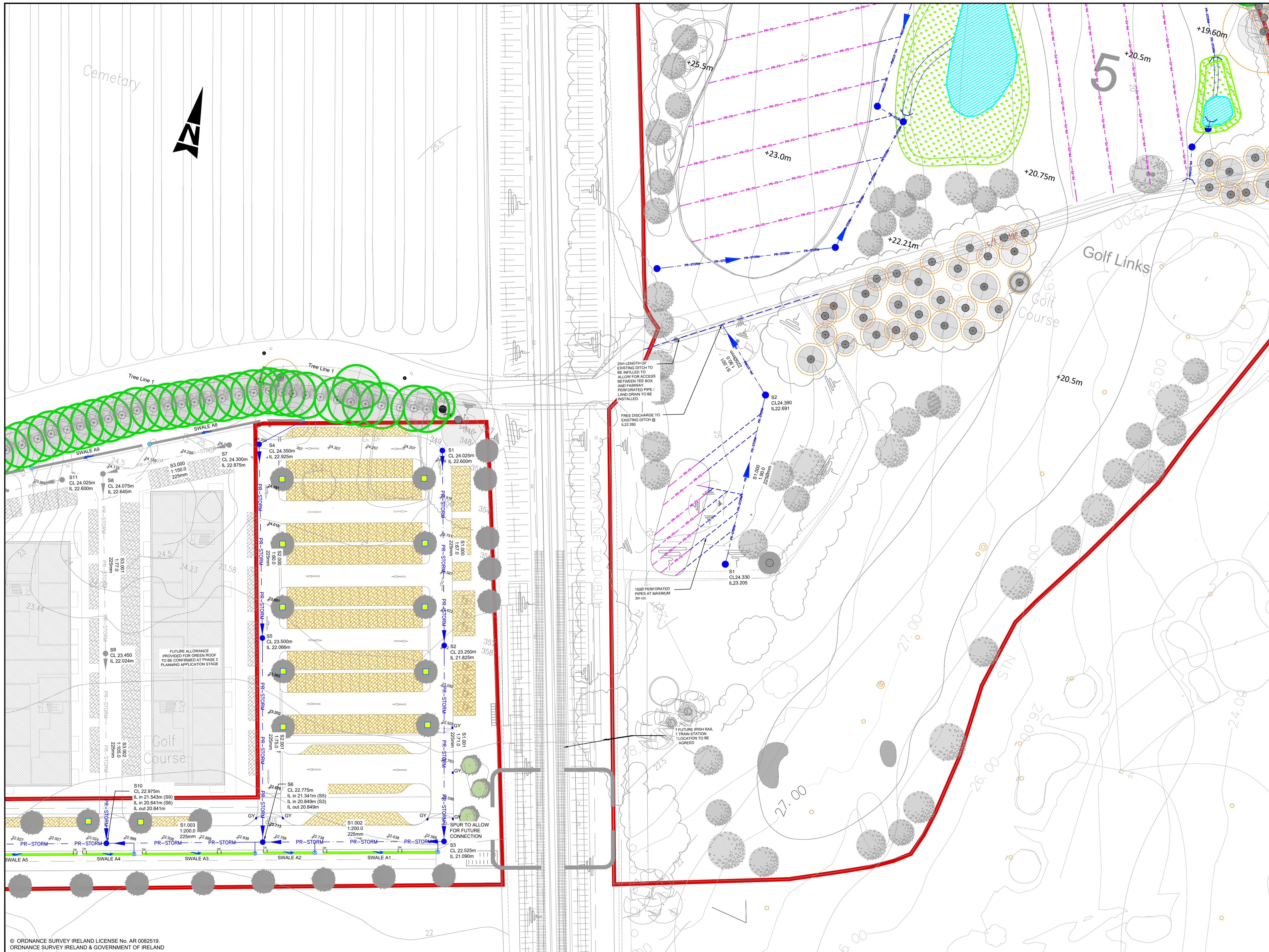
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Fax (+353) 091 779 830

Client: **AEVAL**

Project: **WOODBROOK PHASE 1**

Purpose		Title			
PLANNING		PROPOSED STORM WATER LAYOUT SHEET 5 of 7			
Original Scale	Design/Drawn	Checked	Authorised		
1:500 at A1 1:1000 at A3	PS	GH	JN		
Date	Date	Date	Date		
17.04.18	17.04.18	17.04.18	17.04.18		
Status	Drawing Number	Rev			
P	5154251 / EWE / DR / 0505	E			



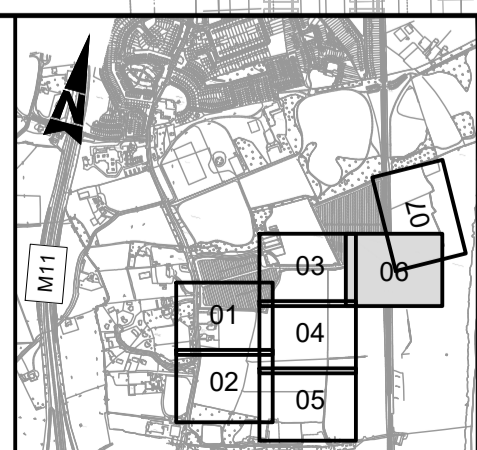


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**LEGEND**

	SITE BOUNDARY		PROPOSED UNDERGROUND SUDS ATTENUATION SYSTEM
	PROPOSED STORM DRAINAGE		PROPOSED PERMEABLE PAVING
	PROPOSED STORM WATER MANHOLE		PROPOSED INTENSIVE GREEN COURTYARD
	PROPOSED STORM DRAINAGE FOR FUTURE DEVELOPMENT		PROPOSED EXTENSIVE GREEN ROOF
	PROPOSED ROAD GULLY		EXISTING STORM DRAINAGE
	PROPOSED INSPECTION CHAMBER & FILTER DRAIN		EXISTING DITCH TO BE RETAINED
	PROPOSED COLLECTOR DRAIN		EXISTING FOUL RISING MAIN 630mmOD & WAYLEAVE
	PROPOSED SWALE & PERFORATED MANHOLE COVER		SITE INVESTIGATION TRIAL PIT LOCATION
	PROPOSED TREE PIT LOCATION		EXISTING TREE AND ROOT PROTECTION AREA



Rev	Description	By	Date	Chk'd	Auth
E	FOR PLANNING	PS	18.10.19	AC	GH
E	FINAL CLIENT APPROVAL	PS	09.10.19	AC	GH
D	SUDS AUDIT REVIEW	PS	11.08.19	AC	GH
C	SUDS AUDIT REVIEW	PS	28.05.19	GH	KB
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A	LANDSCAPING ADDED	PM	19.09.18	GH	KB
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Client: **AEVAL**

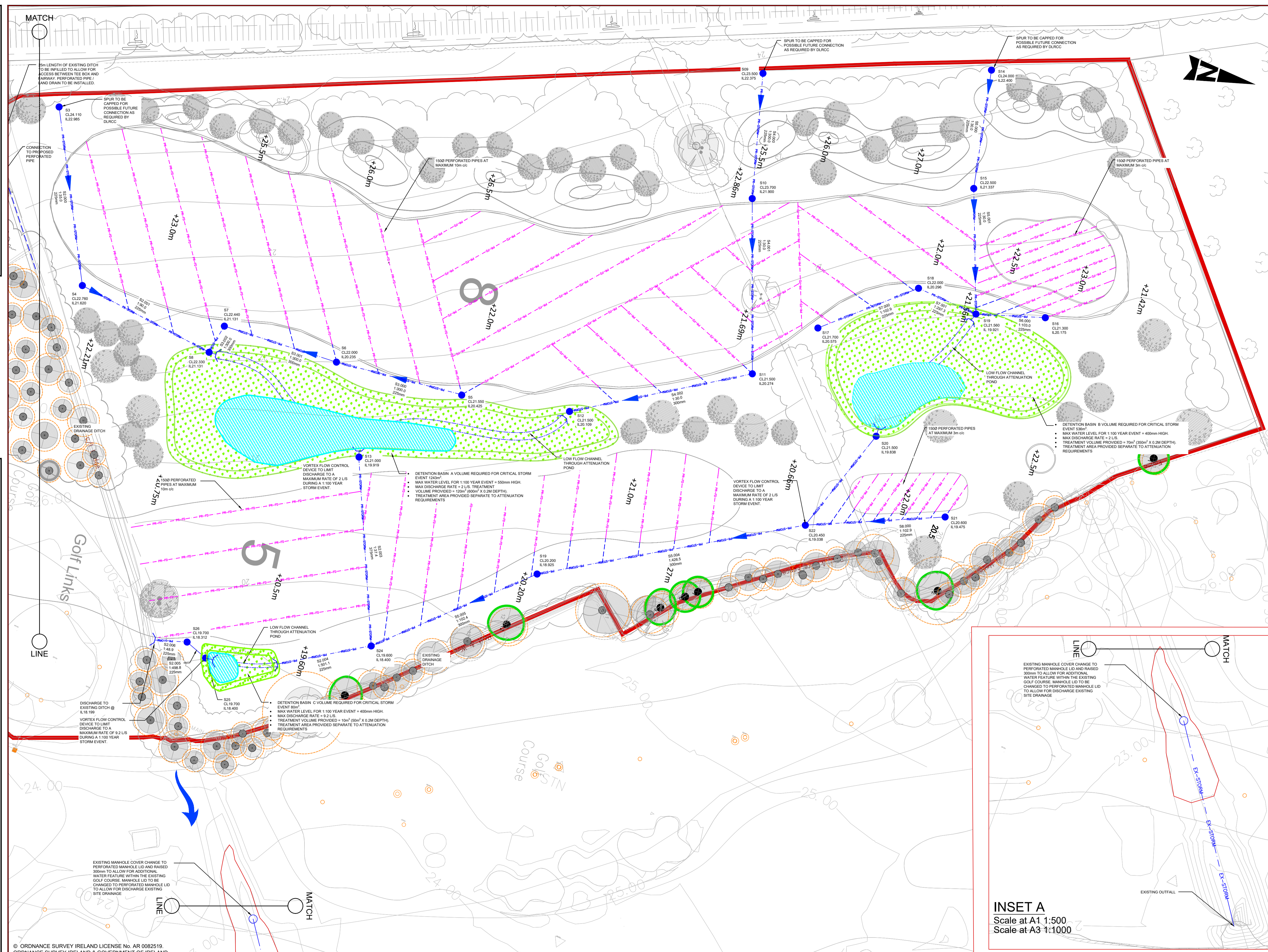
Project: **WOODBROOK PHASE 1**

Purpose	PLANNING						
Title	PROPOSED STORM WATER LAYOUT SHEET 6 of 7						
Original Scale	1:500 at A1	Design/Drawn	PS	Checked	GH	Authorised	JN
Scale	1:1000 at A3	Date	17.04.18	Date	17.04.18	Date	17.04.18
Status	P	Drawing Number	5154251 / EWE / DR / 0506	Rev	E		

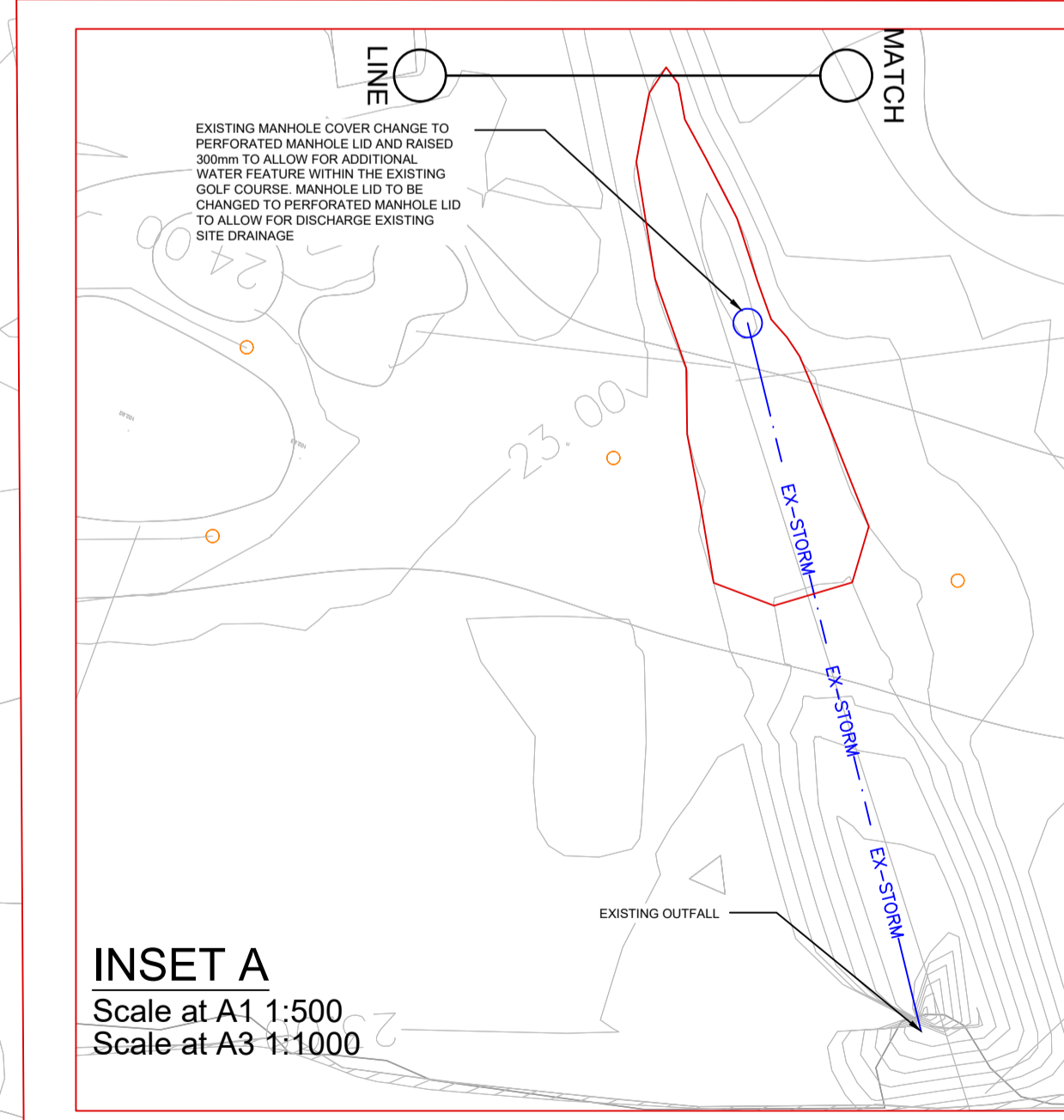


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DO NOT SCALE

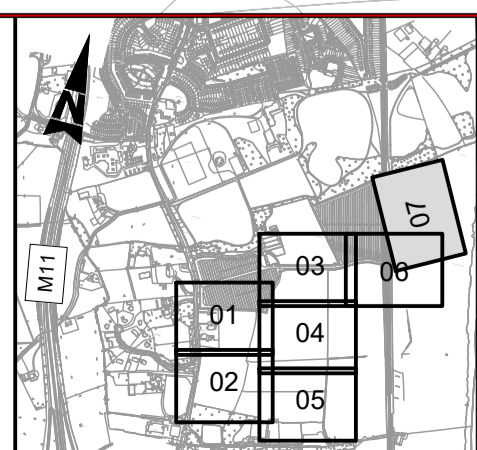


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LEGEND		OVERLAND FLOW	
	SITE BOUNDARY		OVERLAND FLOW
	PR-STORM PROPOSED STORM DRAINAGE		PROPOSED PERMEABLE PAVING
	SXX PROPOSED STORM WATER MANHOLE		PROPOSED INTENSIVE GREEN COURTYARD
	PR-STORM PROPOSED STORM DRAINAGE FOR FUTURE DEVELOPMENT		PROPOSED EXTENSIVE GREEN ROOF
	GY PROPOSED ROAD GULLY		EXISTING STORM DRAINAGE
	PR-FD PROPOSED INSPECTION CHAMBER & FILTER DRAIN		EXISTING DITCH TO BE RETAINED
	PROPOSED COLLECTOR DRAIN		EXISTING FOUL RISING MAIN 630mmØD & WAYLEAVE
	PROPOSED SWALE & PERFORATED MANHOLE COVER		SITE INVESTIGATION TRIAL PIT LOCATION
	PROPOSED TRENCH PIT LOCATION		EXISTING TREE AND ROOT PROTECTION AREA



Rev	Description	By	Date	Chk'd	Auth
A	FOR PLANNING	PS	18.10.19	AC	GH
A	FINAL CLIENT APPROVAL	PS	09.10.19	AC	GH
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Client	AEVAL		
Project	WOODBROOK PHASE 1		

Purpose	PLANNING		
Title	PROPOSED STORM WATER LAYOUT SHEET 7 of 7		
Original Scale	1:500 at A1	Design/Drawn	PS
Scale at A3	1:1000 at A3	Checked	GH
Date	17.04.18	Date	17.04.18
Authorised	JN	Date	17.04.18
Status	P	Drawing Number	5154251 / EWE / DR / 0507
Rev	A		

File: 5154251\_EWE\_DR\_0507.dwg  
Date: Oct 30, 2019 - 4:16pm  
Plotted by: patrick.sheridan