

KEY TO SYMBOLS ON ALL SHEETS:

GENERAL:

---x--- TERRAIN CONTOURS (1M)

EXISTING ASSETS:

===== EXISTING CULVERT

- - - - - EXISTING HIGHWAY DRAINAGE

ATTENUATION PONDS:

[Blue box] PERMANENT POND

[Blue box with dots] ATTENUATION POND

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— — — — — EXISTING DITCHES (INDICATIVE)

— — — — — DEVELOPMENT CONSENT ORDER (DCO) BOUNDARY

⊗ HYDRAULIC CONTROL DEVICE

ASSET OWNERSHIP (COLOURED AS: **HIGHWAYS ENGLAND** OR **SOMERSET COUNTY COUNCIL**):

— — — — — CULVERT (REF. CU/CHAINAGE)

—ND— EXTERIOR CATCHMENT DITCHES

- - - - - KERB AND GULLY PIPED SYSTEM

— — — — — SURFACE WATER CHANNEL

- - - - - ANCILLARY PIPEWORK

CATCHMENT AREAS (IMPERMEABLE/PERMEABLE):

[Orange box] CATCHMENT 1

[Green box] CATCHMENT 2

[Red box] CATCHMENT 3

[Blue box] CATCHMENT 4

— — — — — HEADWALL

—HD— HIGHWAY DRAINAGE DITCHES

— — — — — KERB AND GULLY DITCH SYSTEM

- - - - - EXISTING HIGHWAY DRAINAGE FOR ADOPTION

[Purple box] CATCHMENT 5

[Green box] CATCHMENT 6

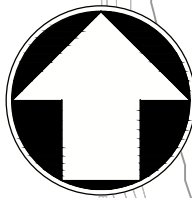
[Grey box] EXISTING CATCHMENT

NOTES:

- DRAWING TO BE READ IN CONJUNCTION WITH DRAINAGE STRATEGY REPORT, INCLUDED WITH ENVIRONMENTAL STATEMENT (REF: HE551507-MMSJV-LSI-000-RP-UU-6100)
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE
- THESE PLANS SHOULD BE READ IN CONJUNCTION WITH OTHER PLANS AND DOCUMENTS IN THE DEVELOPMENT CONSENT ORDER, IN PARTICULAR THE BOOK OF REFERENCE.

C01	16/07/18	DCO SUBMISSION	BS	CS	ER
REV.	DATE	AMENDMENT DETAILS	ORIG	CHK'D	APP'D

Scale 1:10000 0 500m 1000m					
Project Title A303 SPARKFORD TO ILCHESTER DUALLING					
Drawing Title FIGURE 2.7 OUTLINE DRAINAGE WORKS PLANS - KEY PLAN REGULATION 5(2)(p)					
Drawing Status Published - DEFINITION					Suitability A3
Scale 1:10000	Designed SO	Drawn BS	Checked CS	Approved ER	
Original Size A1	Date 04/05/20	Date 16/07/18	Date 16/07/18	Date 16/07/18	
Drawing Number HE PIN HE551507 - MMSJV - LSI -					Project Ref. No. 389107
000 - DR - UU - 2111					Revision C01
Location Type Role Number					



Catchment Reference	Proposed Area (Ha)		Watercourse Destination	Pond Volume (m³)		Qbar discharge rate (l/s)
	Permeable	Impermeable		Flood Storage	Permanent	
1	1.20	2.27	River Cary via Park Brook	1835	402	9.97
2	6.77	4.82	River Cary via Park Brook	3922	946	56.05

EXISTING CULVERT. SMIS REFERENCE: 6245. CULVERT REGISTRATION ID: 13795.

PIPE 195

OUTFALL TO EXISTING WATERCOURSE (RIVER CARY, VIA PARK BROOK)

POND 1 - PROPOSED MAINTENANCE BY HIGHWAYS ENGLAND.

FARM LANE OVERBRIDGE

PODIMORE

PIPE 163: PROPOSED CROSS CARRIAGEWAY PIPEWORK TO POND AT POINT OF TRANSITION TO EXISTING DUAL CARRIAGEWAY. EXISTING DUAL CARRIAGEWAY DRAINAGE BEYOND SCHEME EXTENTS TO BE RETAINED.

PIPE 164

OUTFALL TO EXISTING WATERCOURSE (RIVER CARY, VIA PARK BROOK)

POND 2 - PROPOSED MAINTENANCE BY HIGHWAYS ENGLAND.

PIPE 196

CUT LINE

CU_1260

PIPE 165

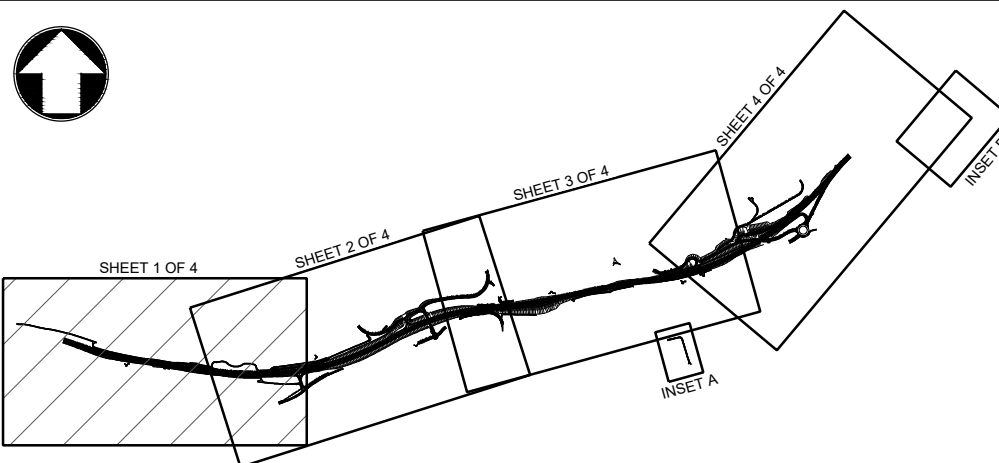
PIPE 166

CUT LINE

EXISTING CULVERT. PRIVATE OWNER: ROYAL NAVAL AIR STATION YEOVILTON.

NOTES

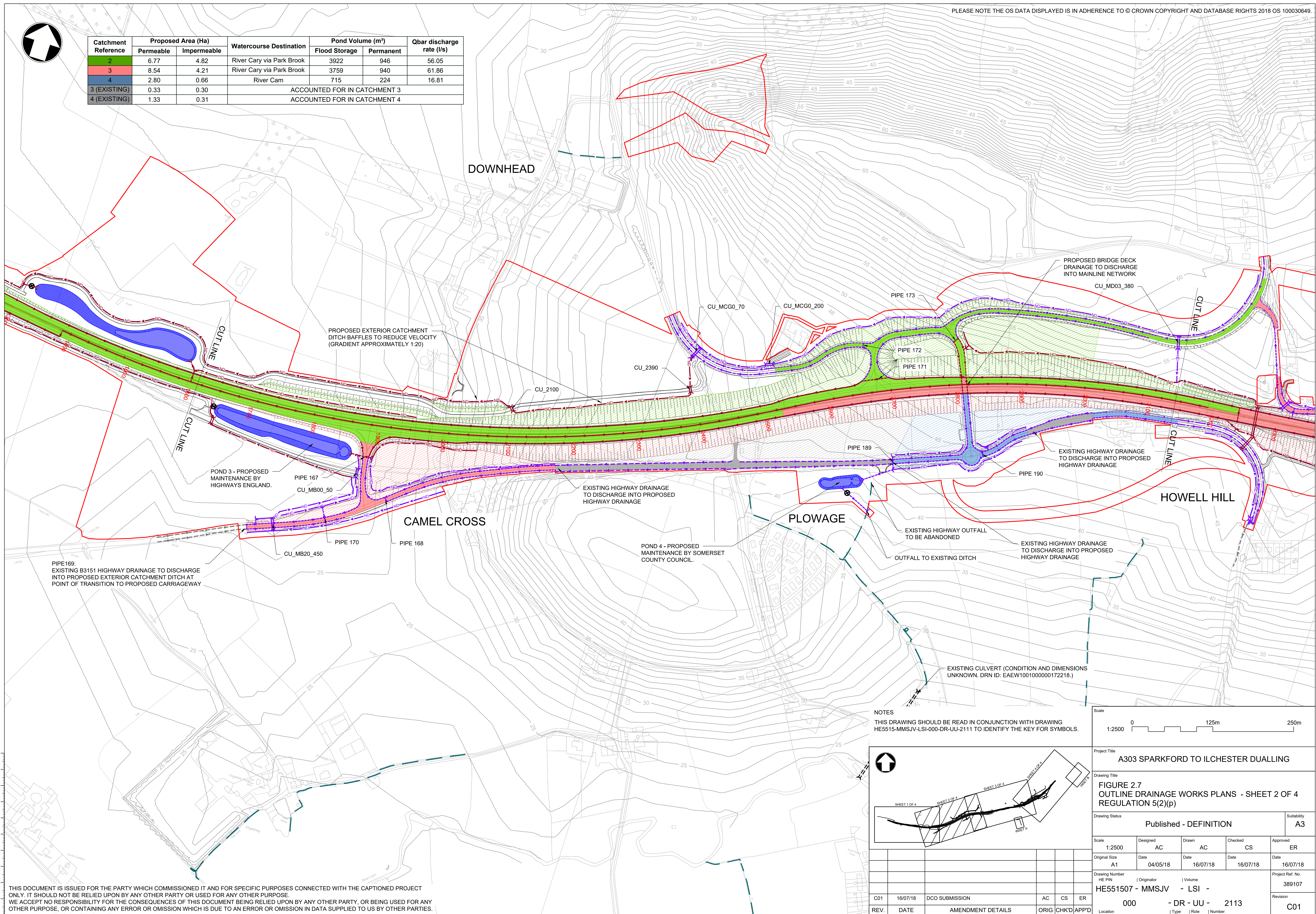
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Drawing Title FIGURE 2.7 OUTLINE DRAINAGE WORKS PLANS - SHEET 1 OF 4 REGULATION 5(2)(p)					
Drawing Status Published - DEFINITION					Suitability A3
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000		- DR - UU -		2112	
REV.		DATE		AMENDMENT DETAILS	
				ORIG CHK'D APP'D	
Location		Type Role Number		Project Ref. No. 389107	
				Revision C01	

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Catchment Reference	Proposed Area (Ha)		Watercourse Destination	Pond Volume (m³)		Qbar discharge rate (l/s)
	Permeable	Impermeable		Flood Storage	Permanent	
2	6.77	4.82	River Cary via Park Brook	3922	946	56.05
3	8.54	4.21	River Cary via Park Brook	3759	940	61.86
4	2.80	0.66	River Cam	715	224	16.81
3 (EXISTING)	0.33	0.30	ACCOUNTED FOR IN CATCHMENT 3			
4 (EXISTING)	1.33	0.31	ACCOUNTED FOR IN CATCHMENT 4			

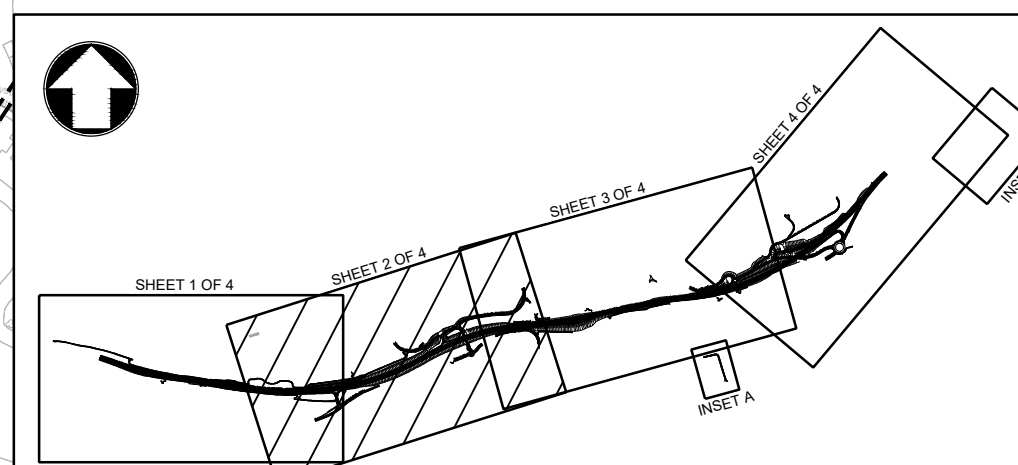


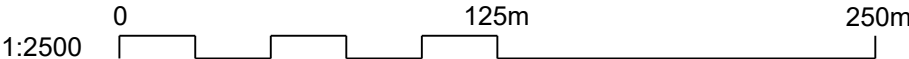
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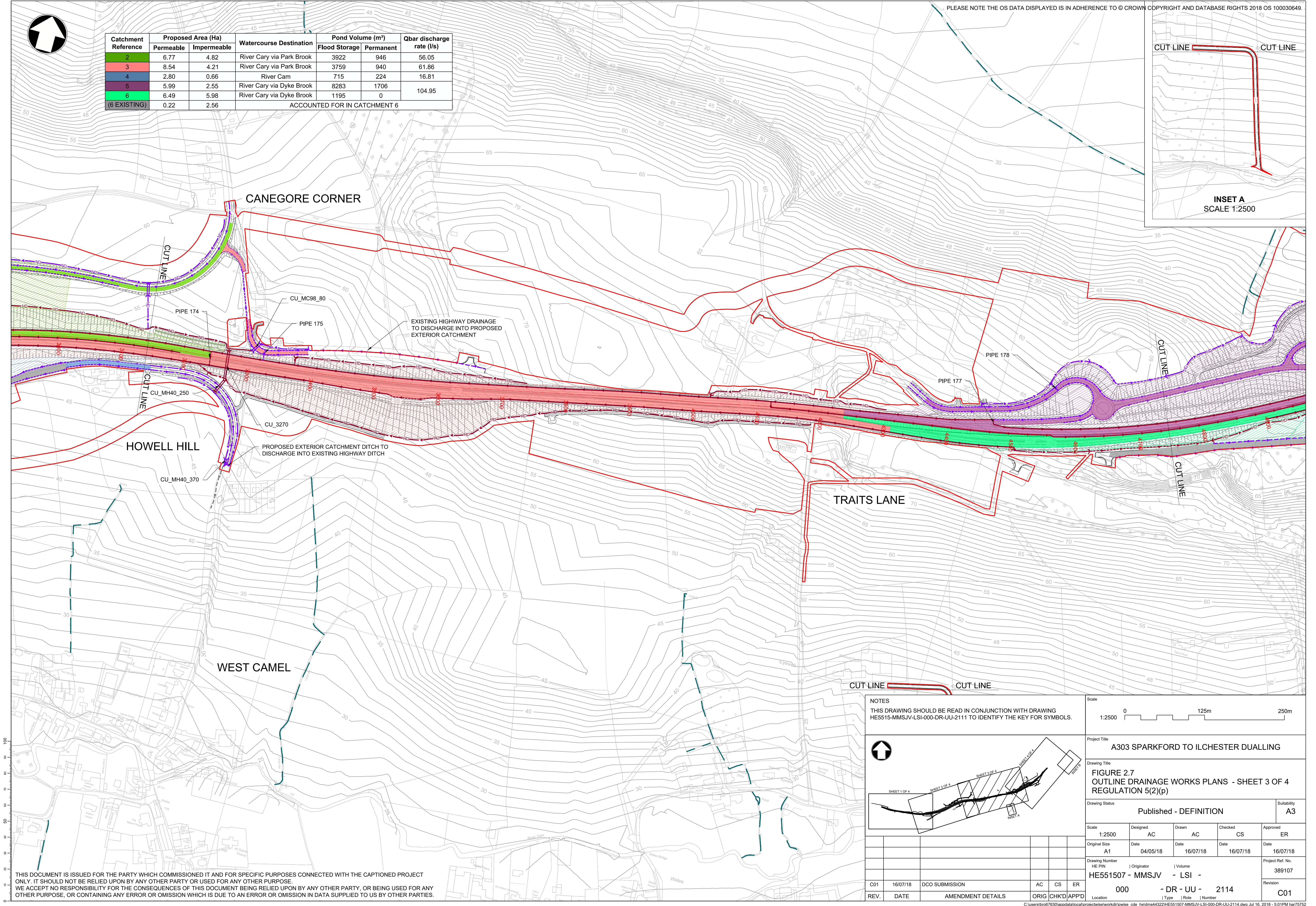
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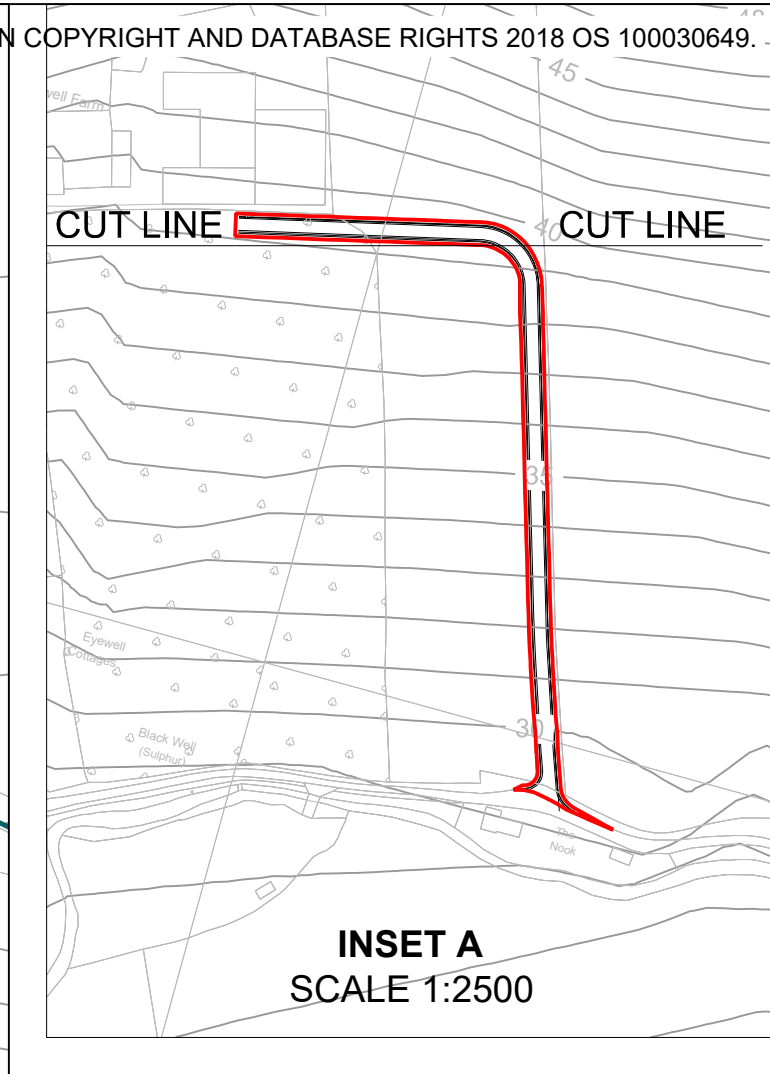
THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRAWING
HE5515-MMSJV-LSI-000-DR-UU-2111 TO IDENTIFY THE KEY FOR SYMBOLS.



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Drawing Title FIGURE 2.7 OUTLINE DRAINAGE WORKS PLANS - SHEET 2 OF 4 REGULATION 5(2)(p)					
Drawing Status Published - DEFINITION					Suitability A3
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Original Size A1	Date 04/05/18	Date 16/07/18	Date 16/07/18	Date 16/07/18	
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Location 000 - DR - UU - 2113				Revision C01	

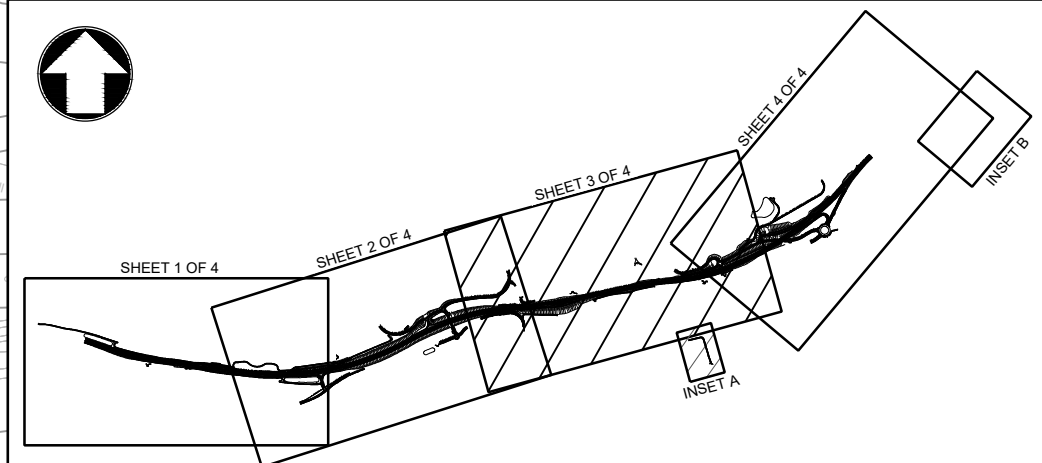


Catchment Reference	Proposed Area (Ha)		Watercourse Destination	Pond Volume (m³)		Qbar discharge rate (l/s)
	Permeable	Impermeable		Flood Storage	Permanent	
2	6.77	4.82	River Cary via Park Brook	3922	946	56.05
3	8.54	4.21	River Cary via Park Brook	3759	940	61.86
4	2.80	0.66	River Cam	715	224	16.81
5	5.99	2.55	River Cary via Dyke Brook	8283	1706	104.95
6	6.49	5.98	River Cary via Dyke Brook	1195	0	
(6 EXISTING)	0.22	2.56	ACCOUNTED FOR IN CATCHMENT 6			

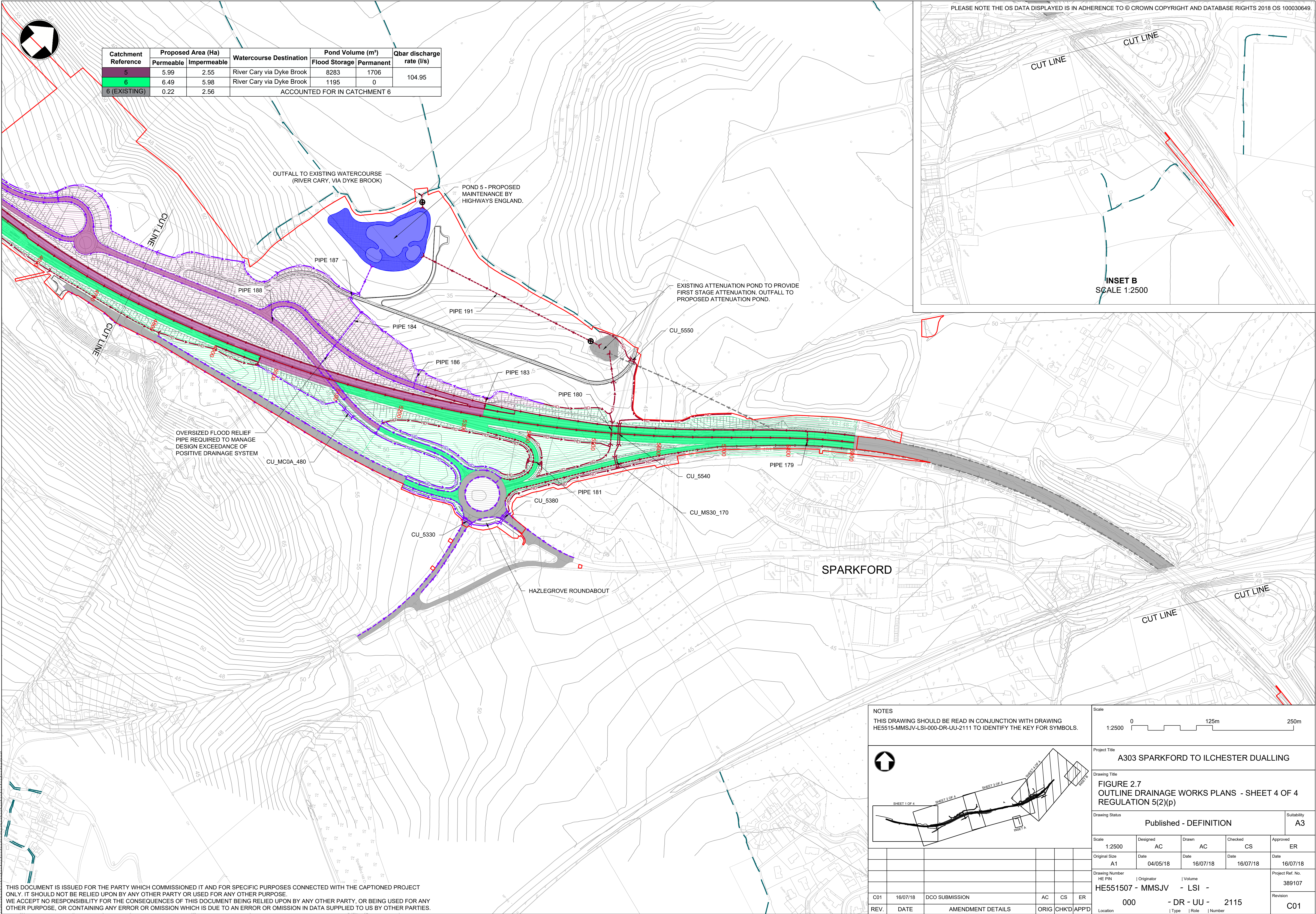


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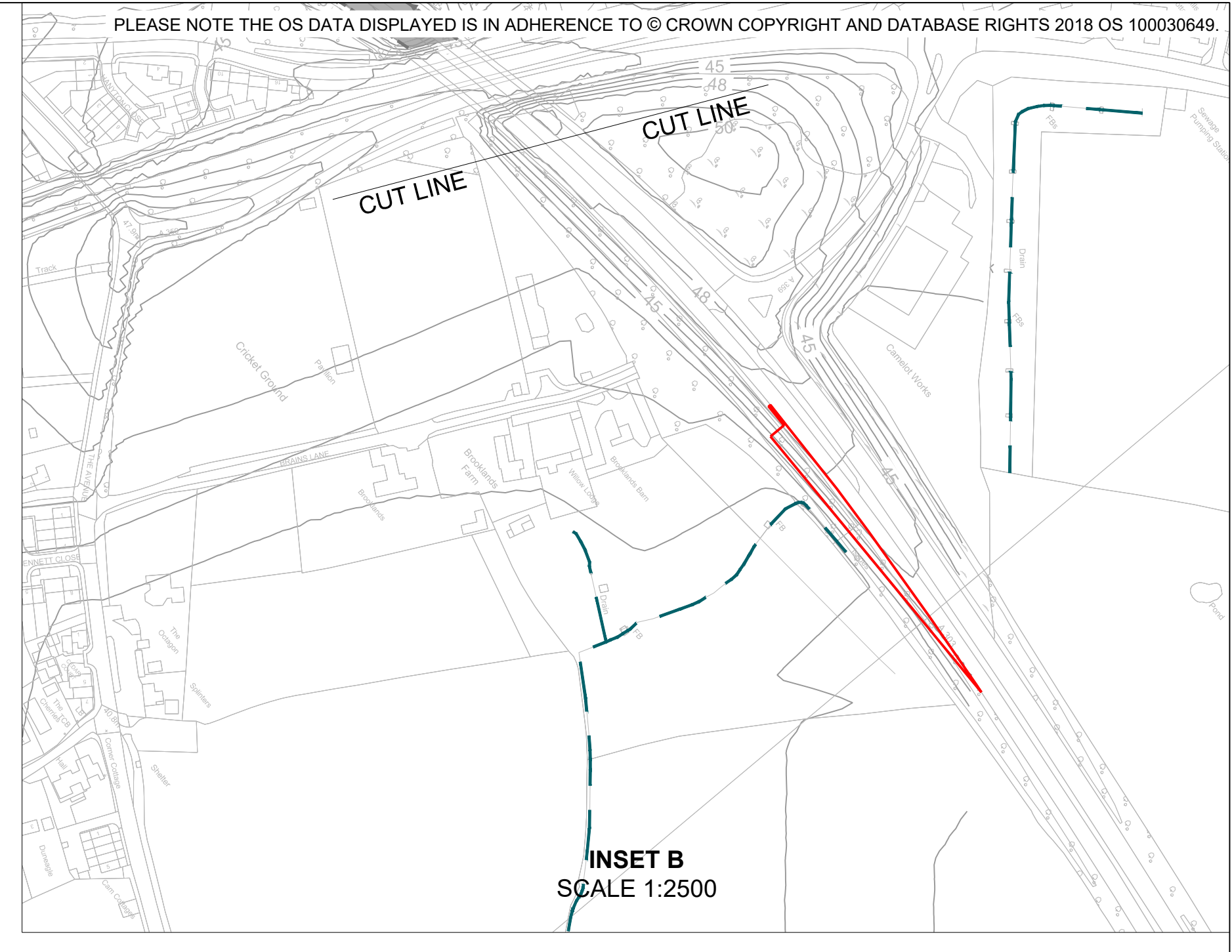
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THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH DRAWING HE5515-MMSJV-LSI-000-DR-UU-2111 TO IDENTIFY THE KEY FOR SYMBOLS.



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Project Title A303 SPARKFORD TO ILCHESTER DUALLING				
Drawing Title FIGURE 2.7 OUTLINE DRAINAGE WORKS PLANS - SHEET 3 OF 4 REGULATION 5(2)(p)				
Drawing Status Published - DEFINITION				Suitability A3
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Original Size A1	Date 04/05/18	Date 16/07/18	Date 16/07/18	Date 16/07/18
Drawing Number HE PIN HE551507 - MMSJV - LSI -				Project Ref. No. 389107
000 - DR - UU - 2114				Revision C01
REV.	DATE	AMENDMENT DETAILS		ORIG CHKD APP'D



Catchment Reference	Proposed Area (Ha)		Watercourse Destination	Pond Volume (m³)		Qbar discharge rate (l/s)
	Permeable	Impermeable		Flood Storage	Permanent	
5	5.99	2.55	River Cary via Dyke Brook	8283	1706	104.95
6	6.49	5.98	River Cary via Dyke Brook	1195	0	
6 (EXISTING)	0.22	2.56	ACCOUNTED FOR IN CATCHMENT 6			



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Scale

1:2500 0 125m 250m

Project Title

A303 SPARKFORD TO ILCHESTER DUALLING

Drawing Title

FIGURE 2.7
OUTLINE DRAINAGE WORKS PLANS - SHEET 4 OF 4
REGULATION 5(2)(p)

Drawing Status	Published - DEFINITION	Suitability	A3
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Scale	1:2500	Designed	AC	Drawn	AC	Checked	CS	Approved	ER
Original Size	A1	Date	04/05/18	Date	16/07/18	Date	16/07/18	Date	16/07/18
Drawing Number	HE PIN	Originator	HE551507 - MMSJV	Volume	- LSI -	Project Ref. No.	389107	Revision	C01
REV.	DATE	AMENDMENT DETAILS	ORIG	CHKD	APP'D	Location	Type	Role	Number

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