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Oath to Burrowbridge Dredging and Associated Activities

Volume 4: Figures






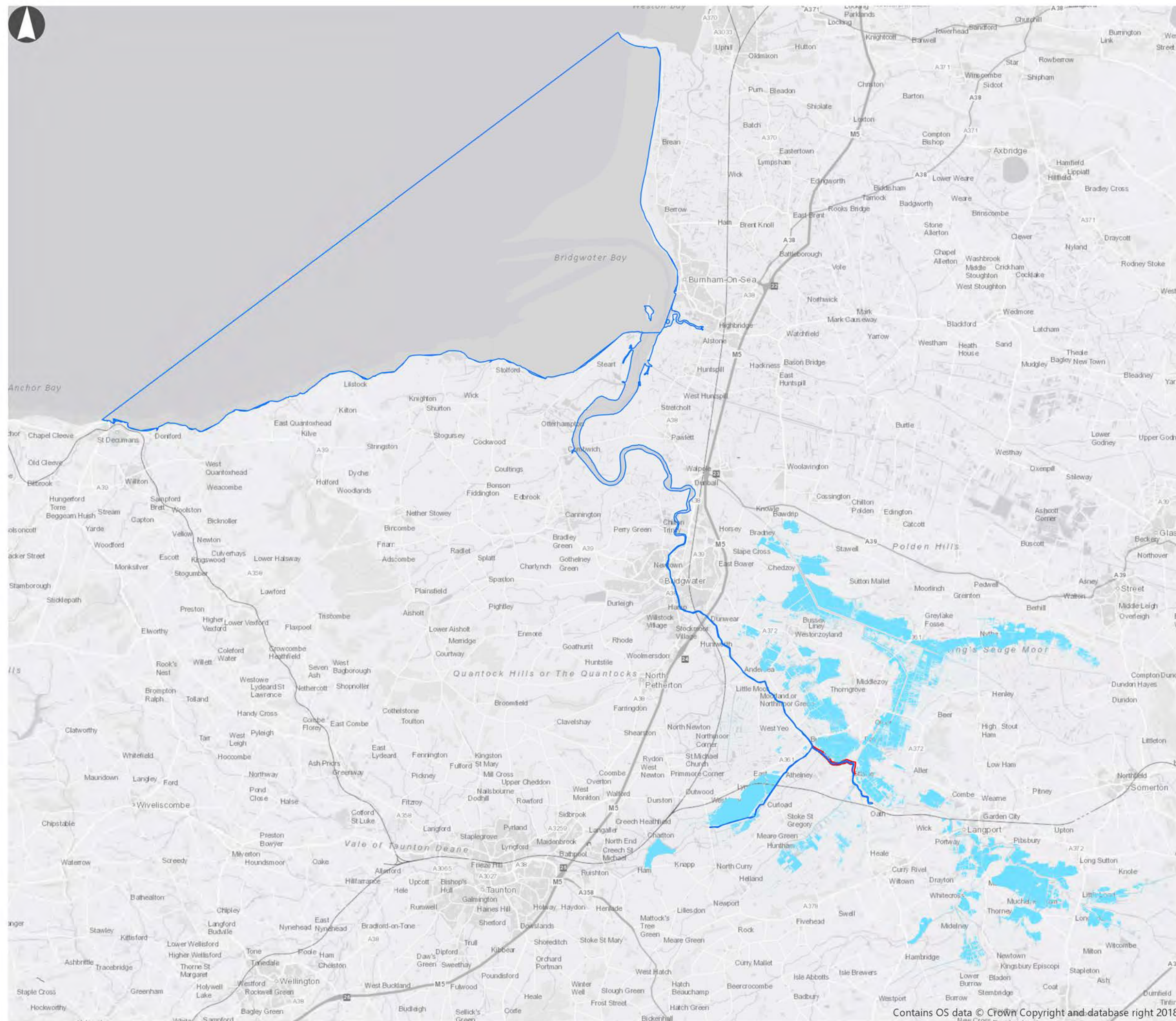
HM Government





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-  Hydrological Zone of Influence (moors and levels)
-  Hydrological Zone of Influence (Parrett TraC WFD water body)
-  Zone of Influence (proposed working area)



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CLIENT Parrett Internal Drainage Board

PROJECT Oath to Burrowbridge Pioneer Dredge
Environmental Impact Assessment

TITLE Water Environment: Zone of Influence

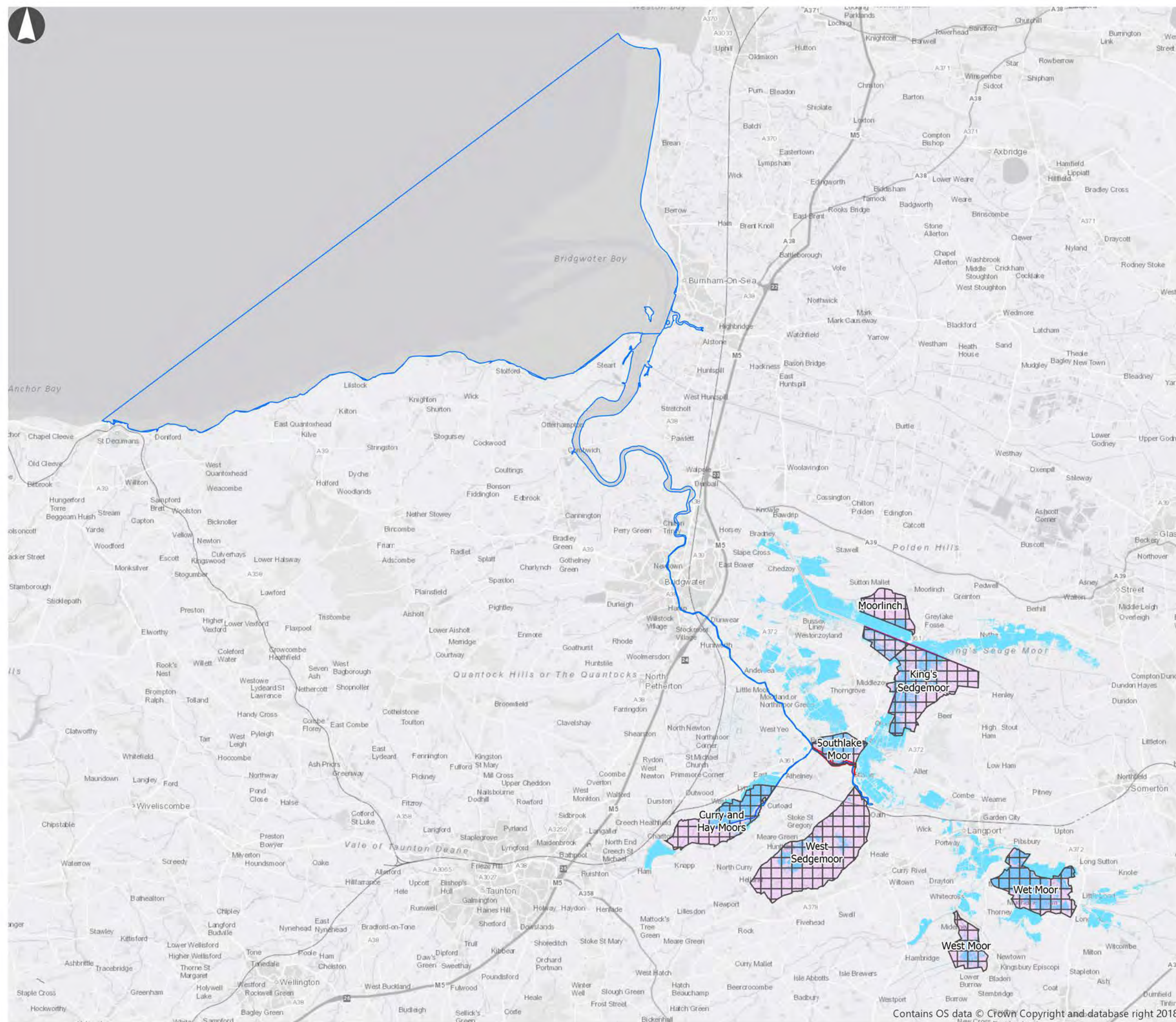
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- Hydrological Zone of Influence (moors and levels)
- Hydrological Zone of Influence (Parrett TraC WFD water body)
- Zone of Influence (proposed working area)
- Ramsar (England) © Natural England
- Special Protection Areas (England) © Natural England
- Sites of Special Scientific Interest (SSSI) © Natural England



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CLIENT Parrett Internal Drainage Board

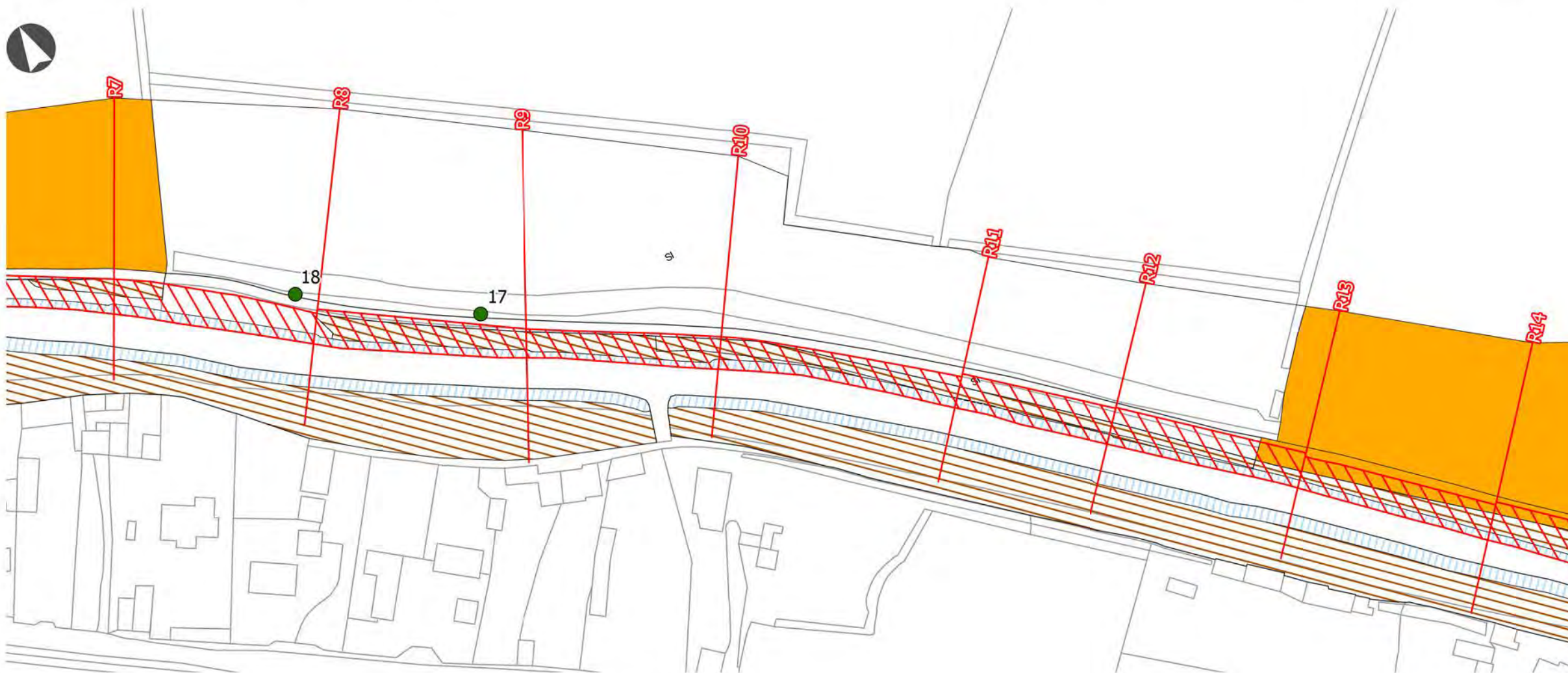
PROJECT Oath to Burrowbridge Pioneer Dredge
Environmental Impact Assessment

TITLE Biodiversity: Zone of Influence

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



	Areas to be dredged
	Broadleaved tree
	Scrub
	B2.2 - Neutral grassland - semi-improved
	B3.2 - Calcareous grassland - semi-improved
	B6 - Poor semi-improved grassland
	C3.1 - Other tall herb and fern - ruderal
	F2.1 - Marginal and inundation - marginal vegetation

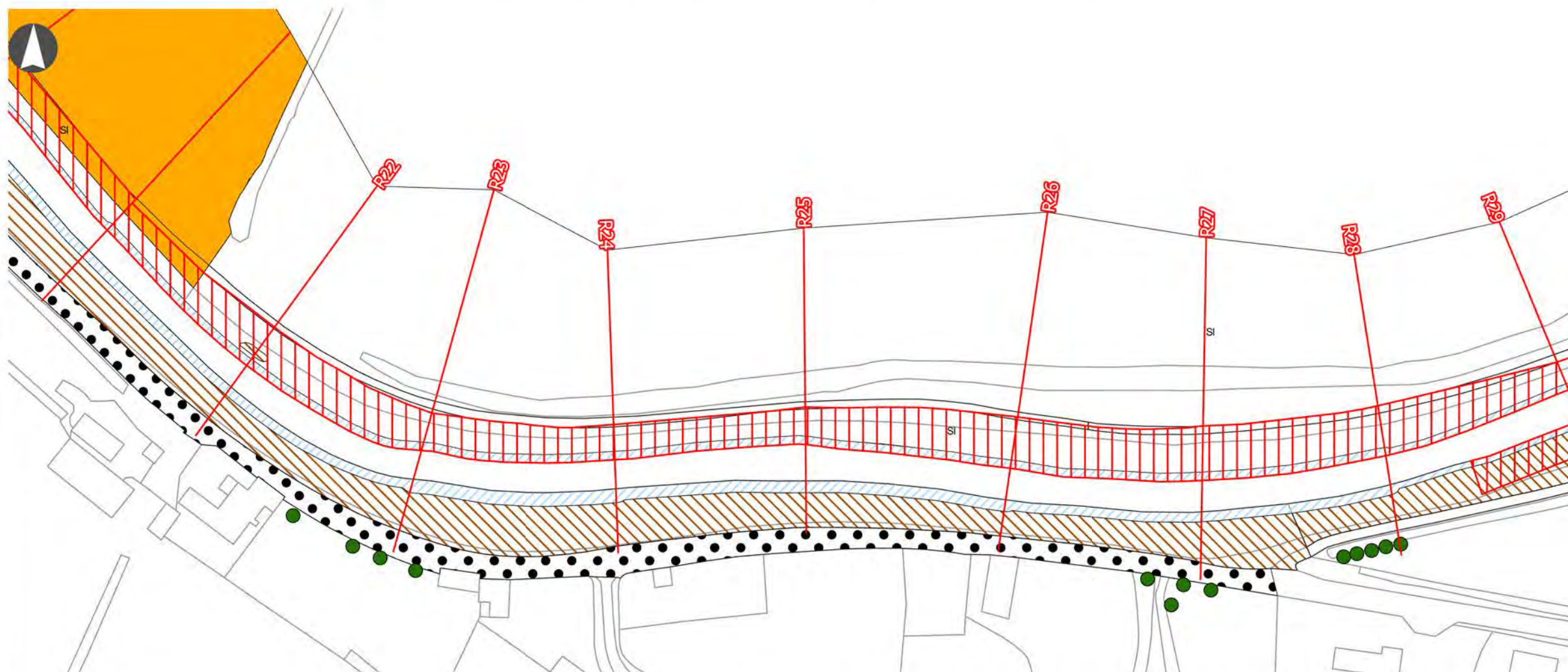
CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Phase 1 habitat mapping with updated working area, cross sections, and sections to be dredged - Sheet 1 of 4		
SCALE @ A3	CREATED BY	CHECKED BY	
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-  Areas to be dredged
-  Broadleaved tree
-  Scrub
-  B2.2 - Neutral grassland - semi-improved
-  B6 - Poor semi-improved grassland
-  C3.1 - Other tall herb and fern - ruderal
-  F2.1 - Marginal and inundation - marginal vegetation
-  J4 - Bare ground








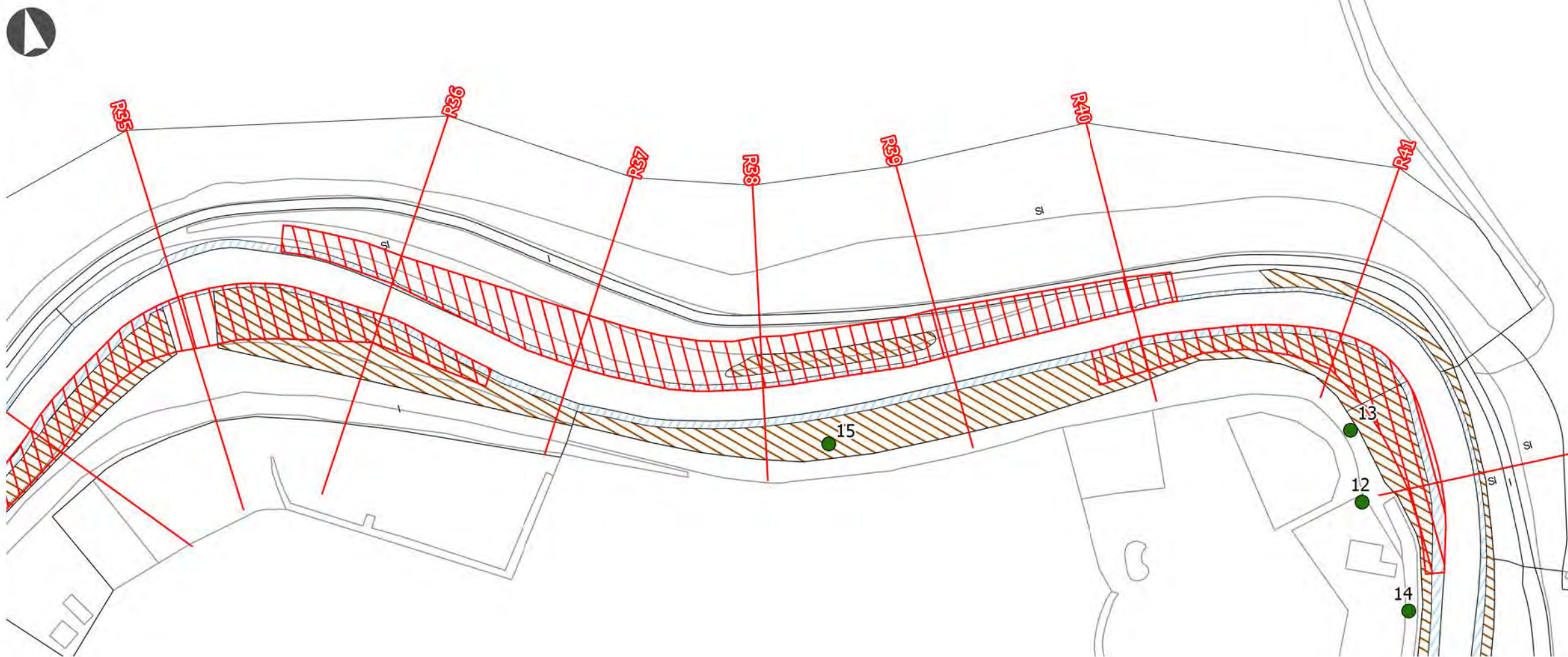
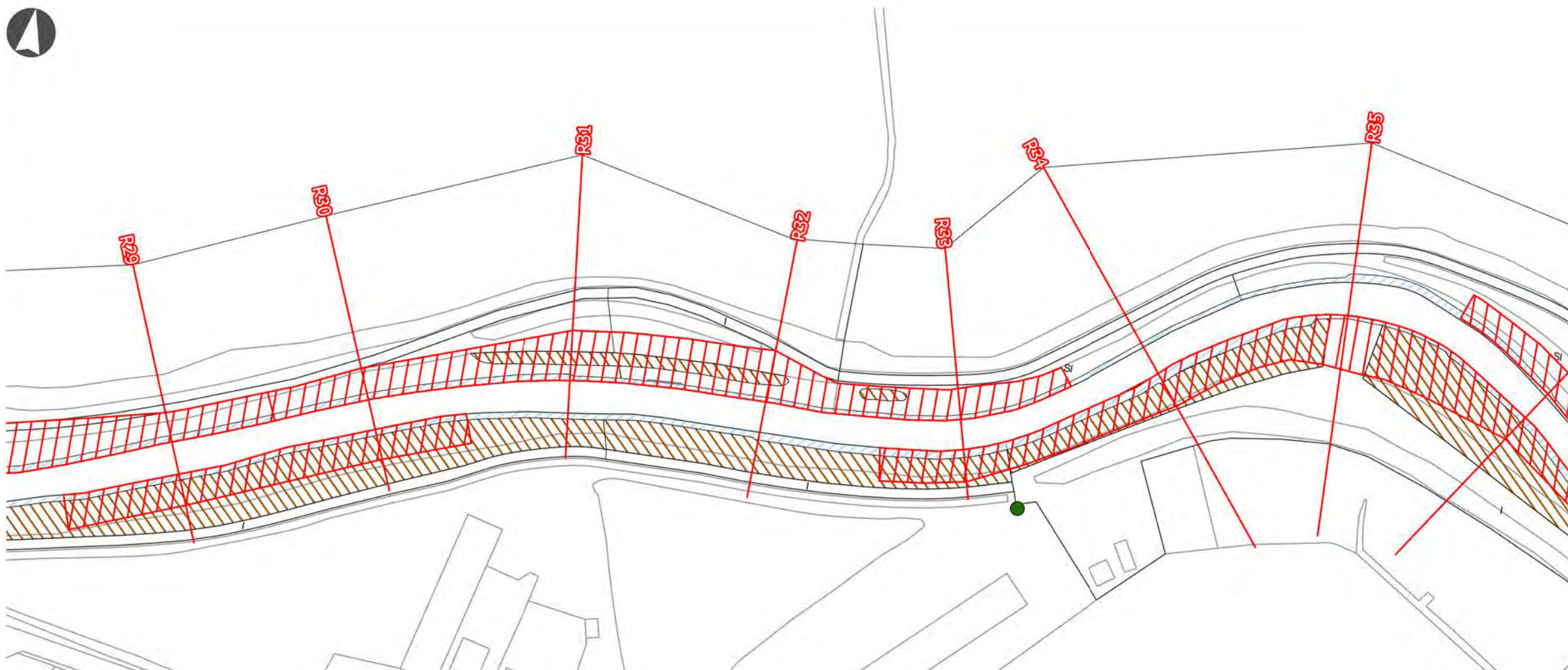
CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Phase 1 habitat mapping with updated working area, cross sections, and sections to be dredged - Sheet 2 of 4		
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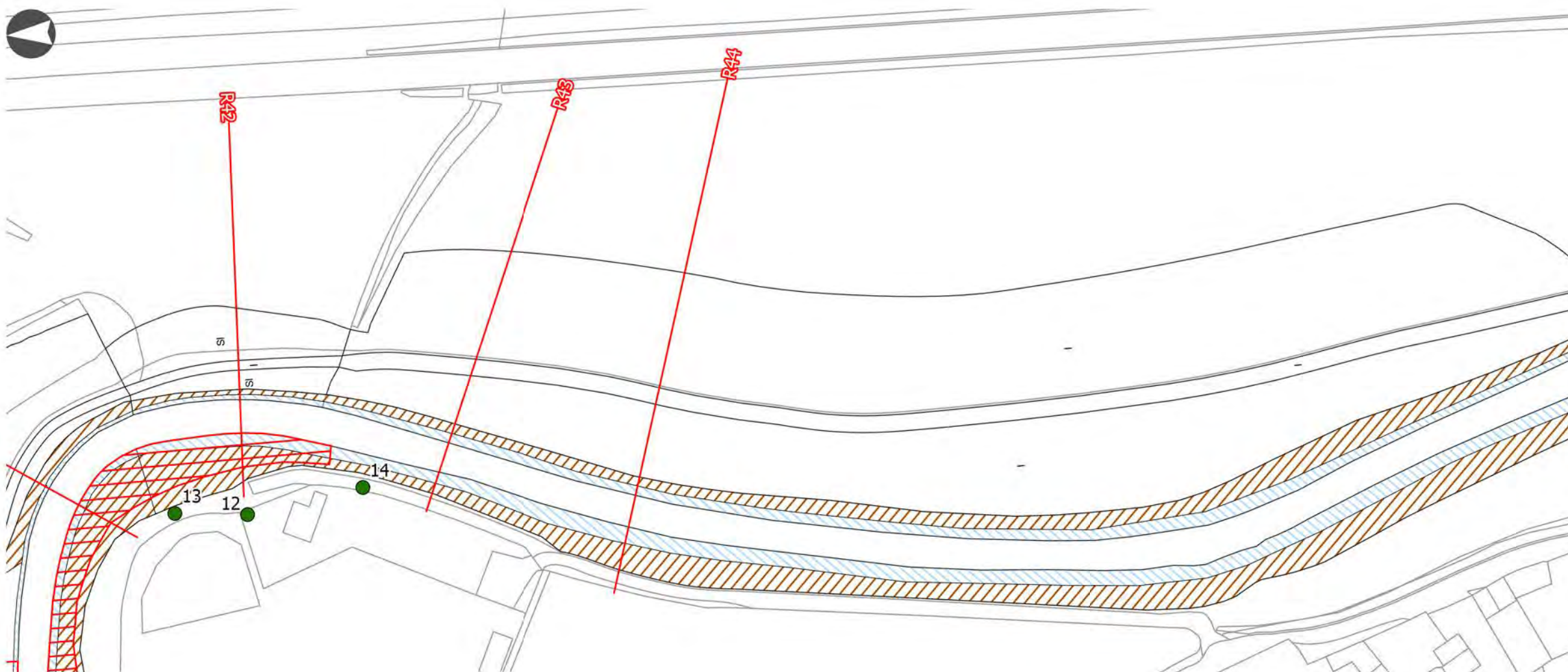
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-  Areas to be dredged
-  Broadleaved tree
-  B4 - Improved grassland
-  B6 - Poor semi-improved grassland
-  C3.1 - Other tall herb and fern - ruderal
-  F2.1 - Marginal and inundation - marginal vegetation



CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Phase 1 habitat mapping with updated working area, cross sections, and sections to be dredged - Sheet 3 of 4		
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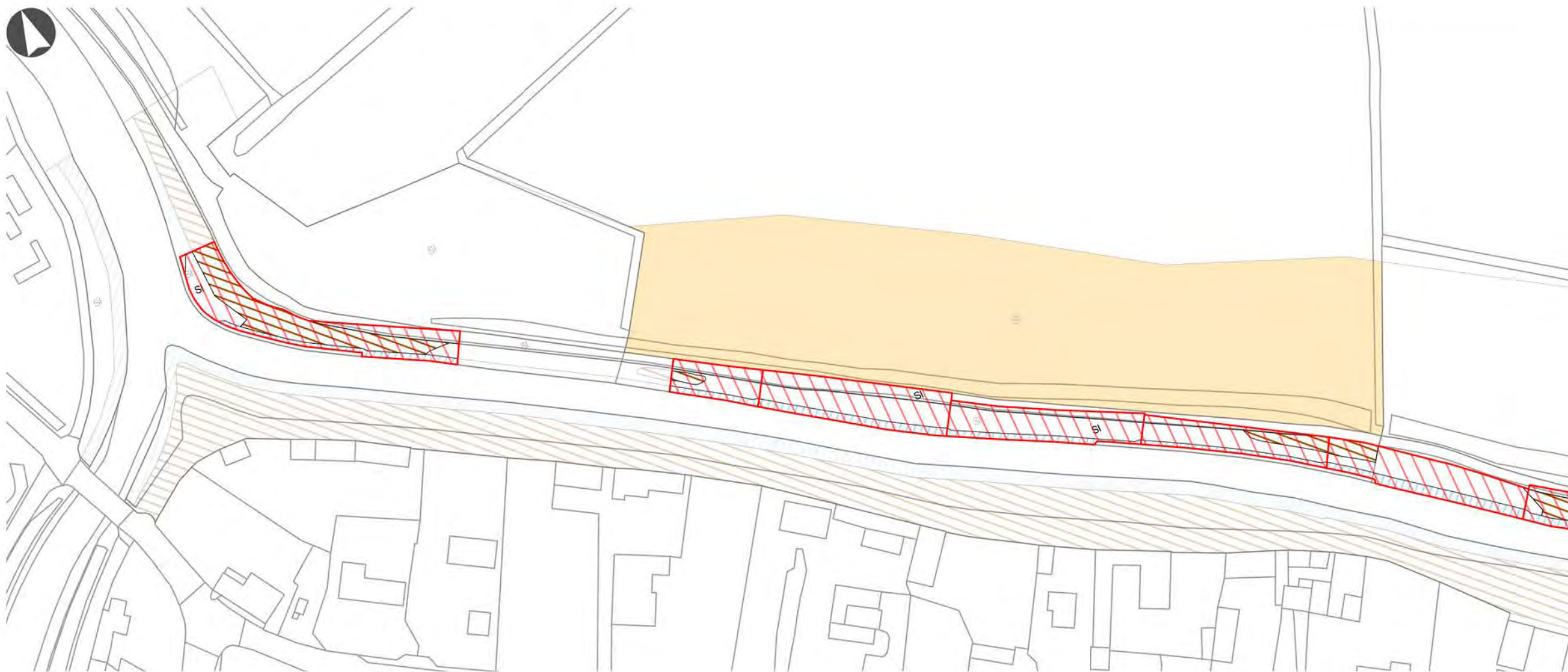


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	Areas to be dredged
	Broadleaved tree
	B4 - Improved grassland
	B6 - Poor semi-improved grassland
	C3.1 - Other tall herb and fern - ruderal
	F2.1 - Marginal and inundation - marginal vegetation
	J4 - Bare ground

CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Phase 1 habitat mapping with updated working area, cross sections, and sections to be dredged - Sheet 4 of 4		
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	Areas to be dredged
	B6 - Poor semi-improved grassland
	C3.1 - Other tall herb and fern - ruderal
	F2.1 - Marginal and inundation - marginal vegetation

CLIENT Parrett Internal Drainage Board

PROJECT Oath to Burrowbridge Pioneer Dredge
Environmental Impact Assessment

TITLE Priority habitat lost through direct
dredging work - Sheet 1 of 4






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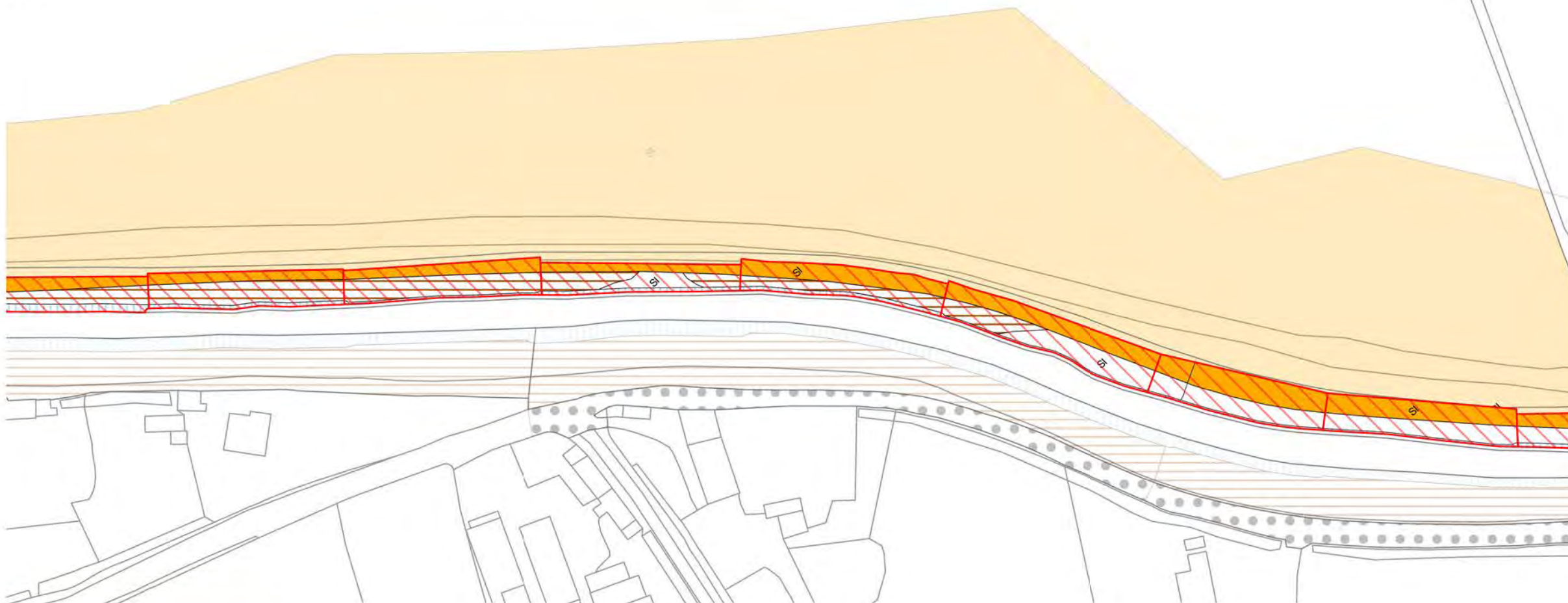
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-  Areas to be dredged
-  B2.2 - Neutral grassland - semi-improved
-  B6 - Poor semi-improved grassland
-  C3.1 - Other tall herb and fern - ruderal
-  F2.1 - Marginal and inundation - marginal vegetation



CLIENT Parrett Internal Drainage Board		
PROJECT Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE Priority Phase 1 Habitat lost through direct dredging work - Sheet 2 of 4		
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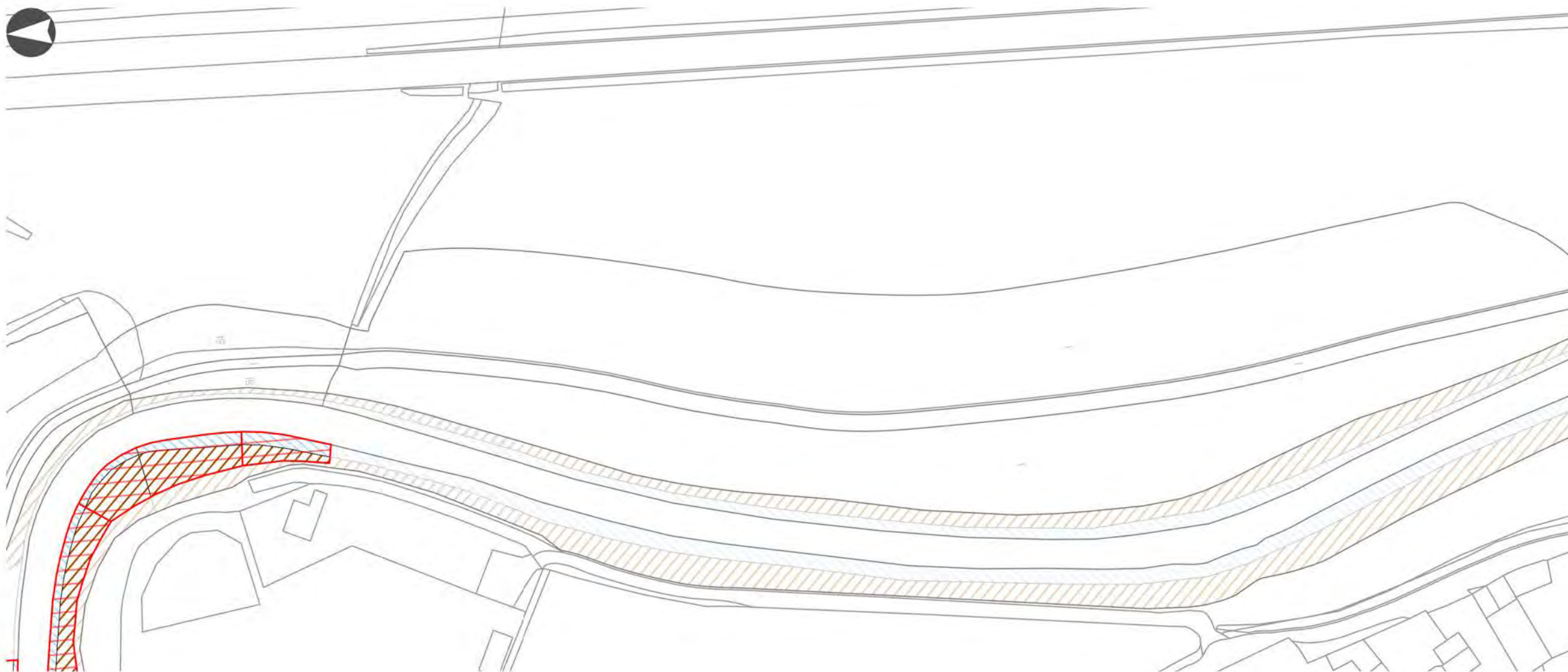
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	Areas to be dredged
	B4 - Improved grassland
	B6 - Poor semi-improved grassland
	C3.1 - Other tall herb and fern - ruderal
	F2.1 - Marginal and inundation - marginal vegetation






CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Priority Phase 1 Habitat lost through direct dredging work - Sheet 3 of 4		
SCALE @ A3	CREATED BY	CHECKED BY	
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-  Areas to be dredged
-  C3.1 - Other tall herb and fern - ruderal
-  F2.1 - Marginal and inundation - marginal vegetation

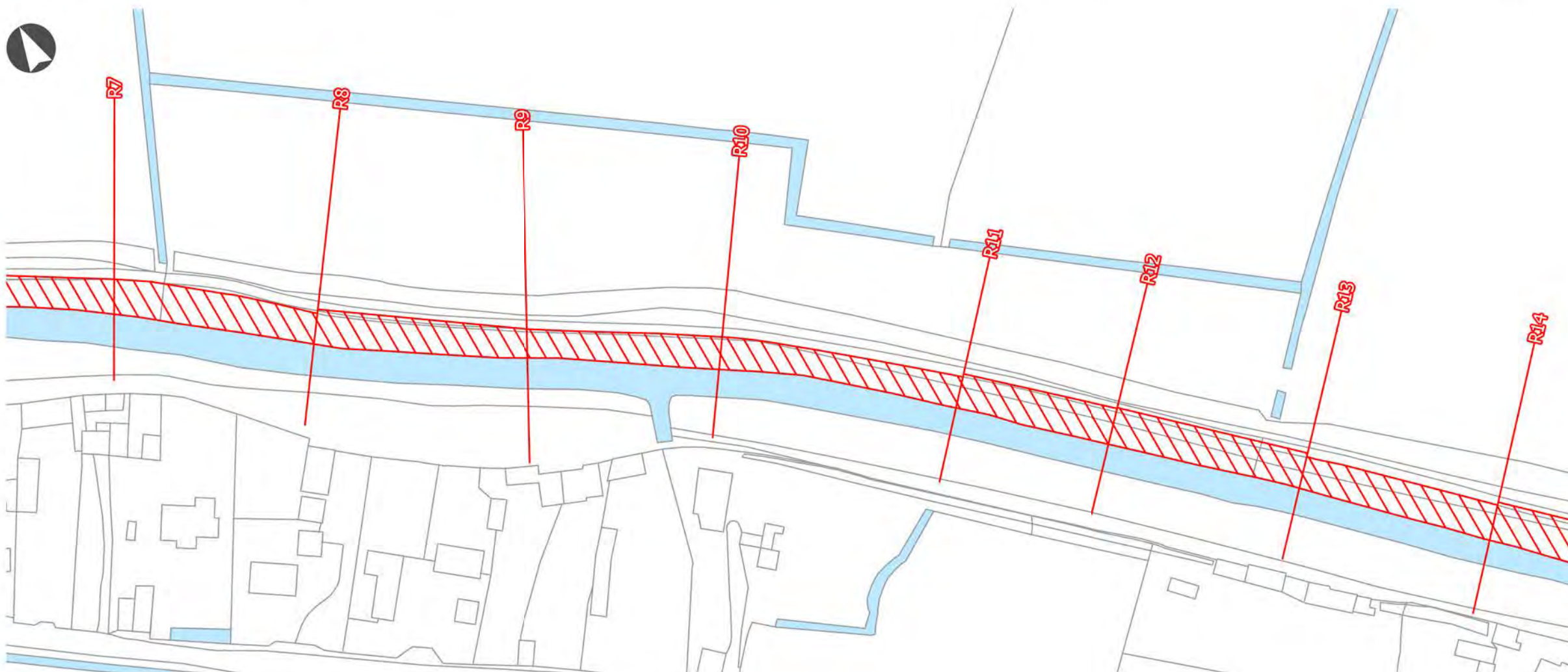
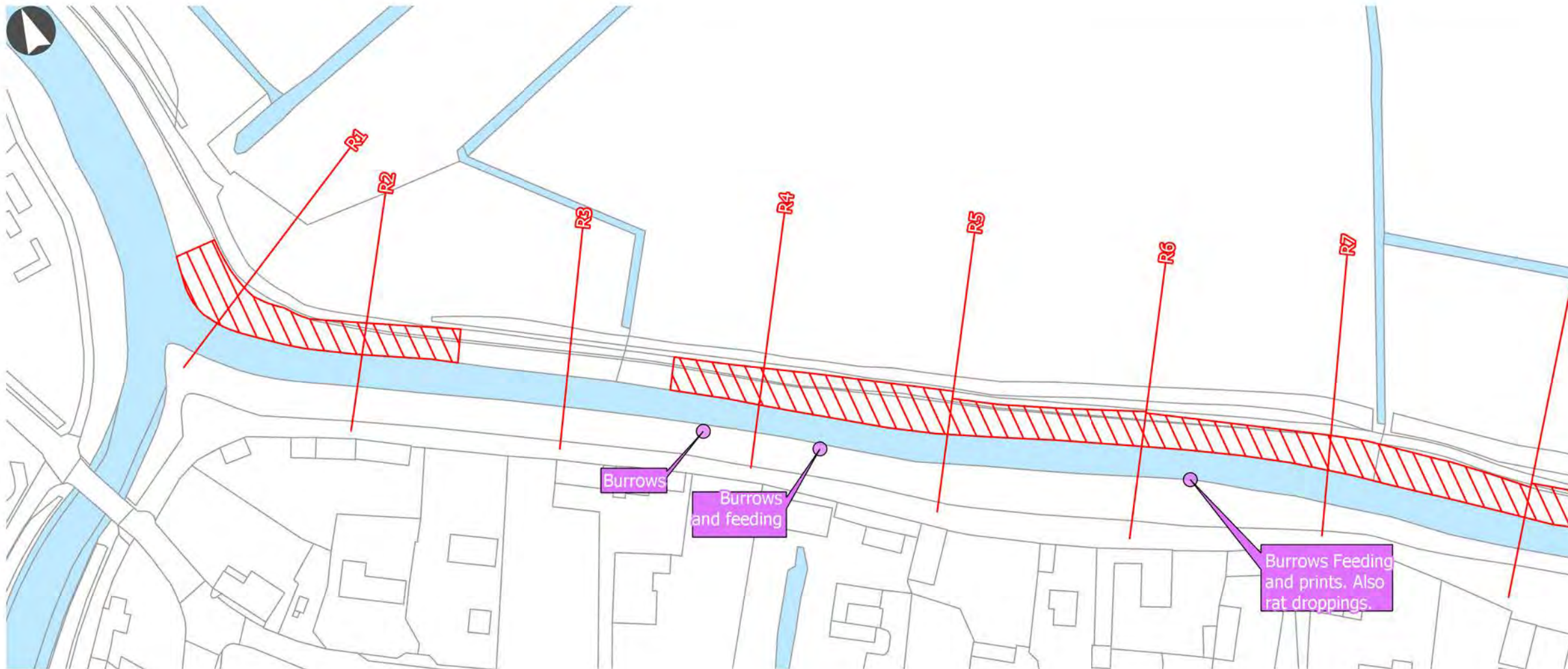
CLIENT Parrett Internal Drainage Board

PROJECT Oath to Burrowbridge Pioneer Dredge
Environmental Impact Assessment

TITLE Priority Phase 1 Habitat lost through direct
dredging work - Sheet 4 of 4

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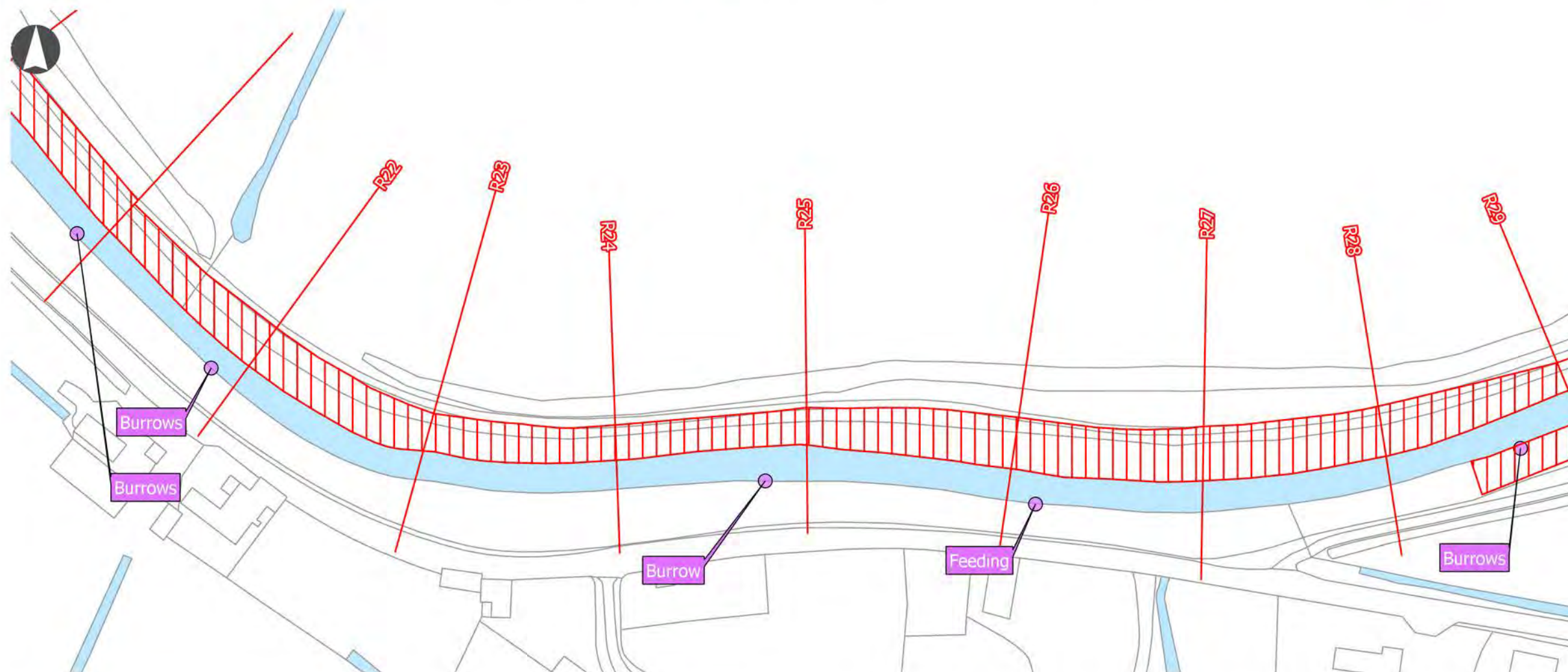
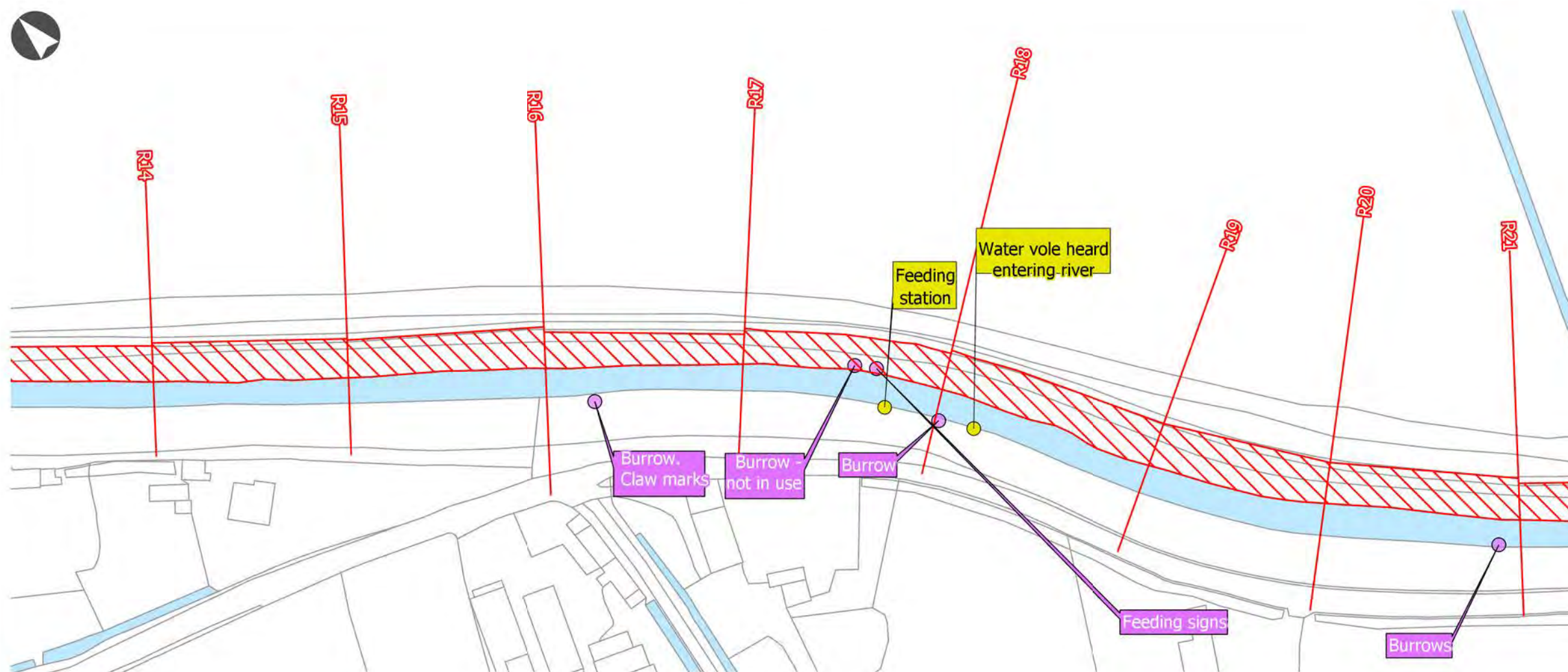
- Cross sections
- ▨ Areas to be dredged
- Boat Survey 2018
 - Water vole
- Boat Survey 2019
 - Water vole

CLIENT Parrett Internal Drainage Board		
PROJECT Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE Water vole surveys with updated working area, cross sections, and sections to be dredged - Sheet 1 of 4		
SCALE @ A3 1:1,250	CREATED BY MM	CHECKED BY MJ
REFERENCE J00406-WV01-DA	REVISION	DATE ISSUED 2/7/2019



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—	Cross sections
	Areas to be dredged
Boat Survey 2018	
	Water vole
Boat Survey 2019	
	Water vole

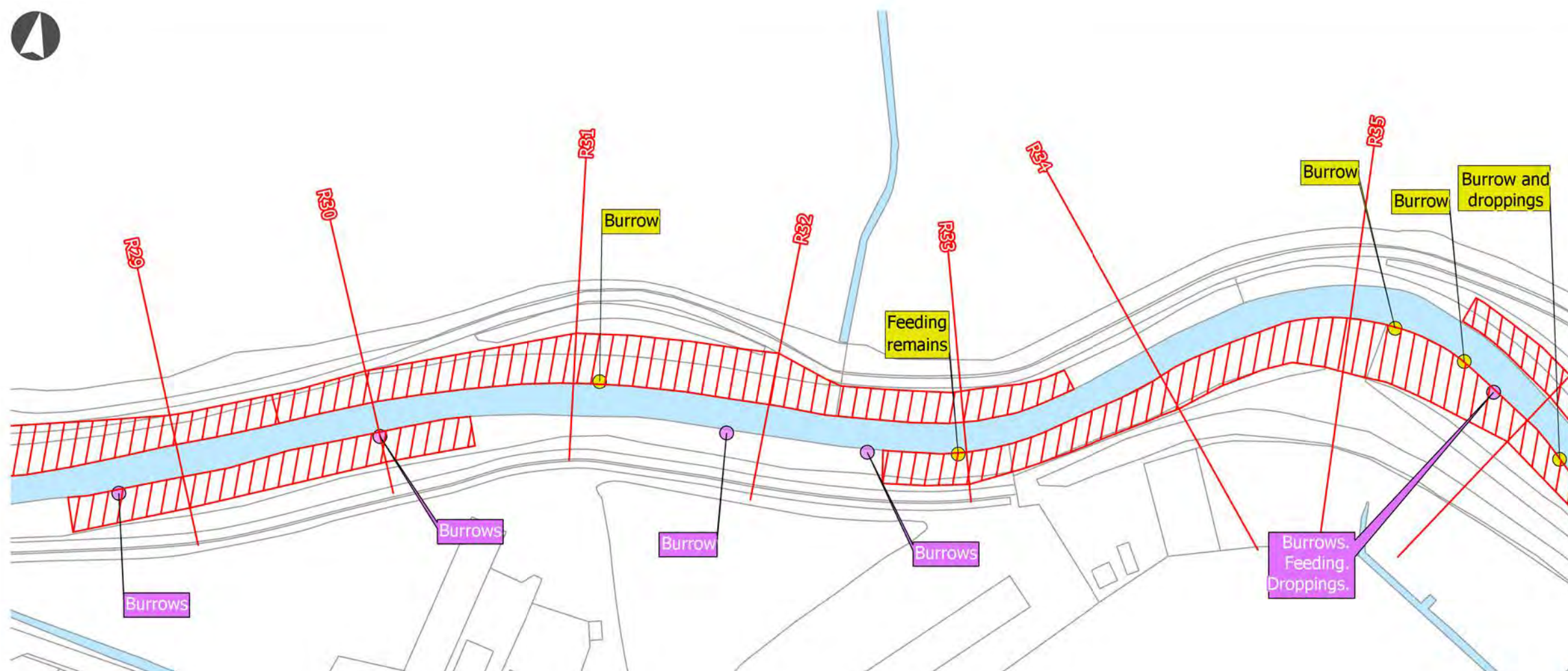


CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Water vole surveys with updated working area, cross sections, and sections to be dredged - Sheet 2 of 4		
SCALE @ A3	CREATED BY	CHECKED BY	
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REFERENCE	REVISION	DATE ISSUED	
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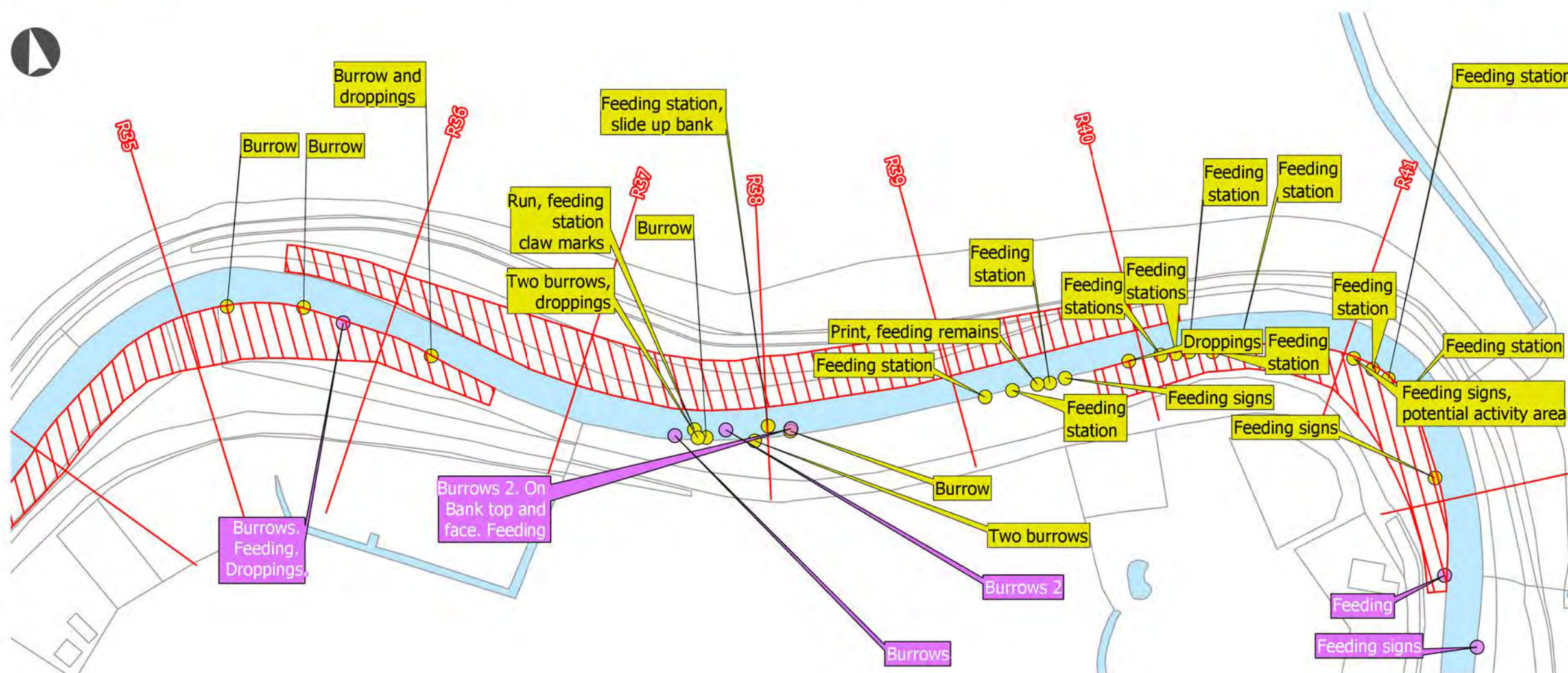
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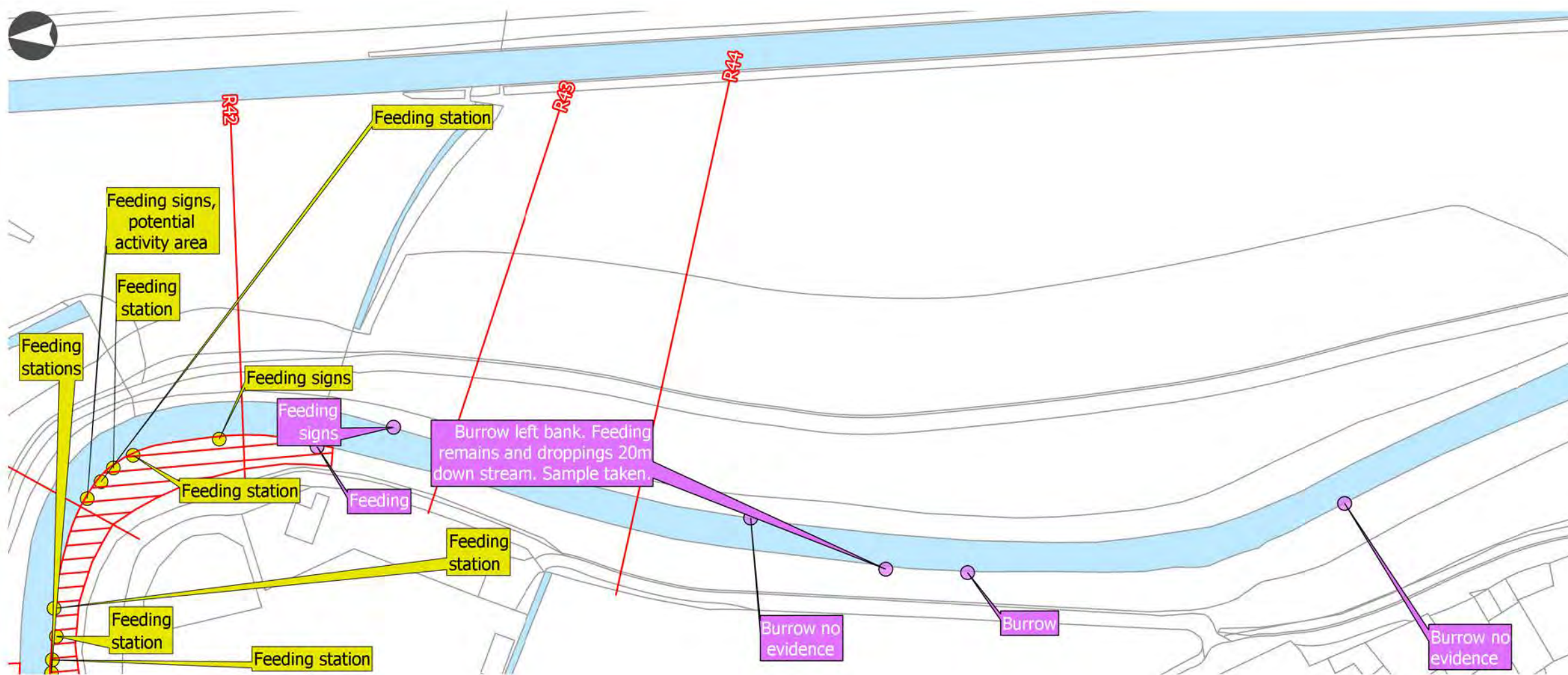


- Cross sections
- ▨ Areas to be dredged
- Boat Survey 2018
 - Water vole
- Boat Survey 2019
 - Water vole



CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Water vole surveys with updated working area, cross sections, and sections to be dredged - Sheet 3 of 4		
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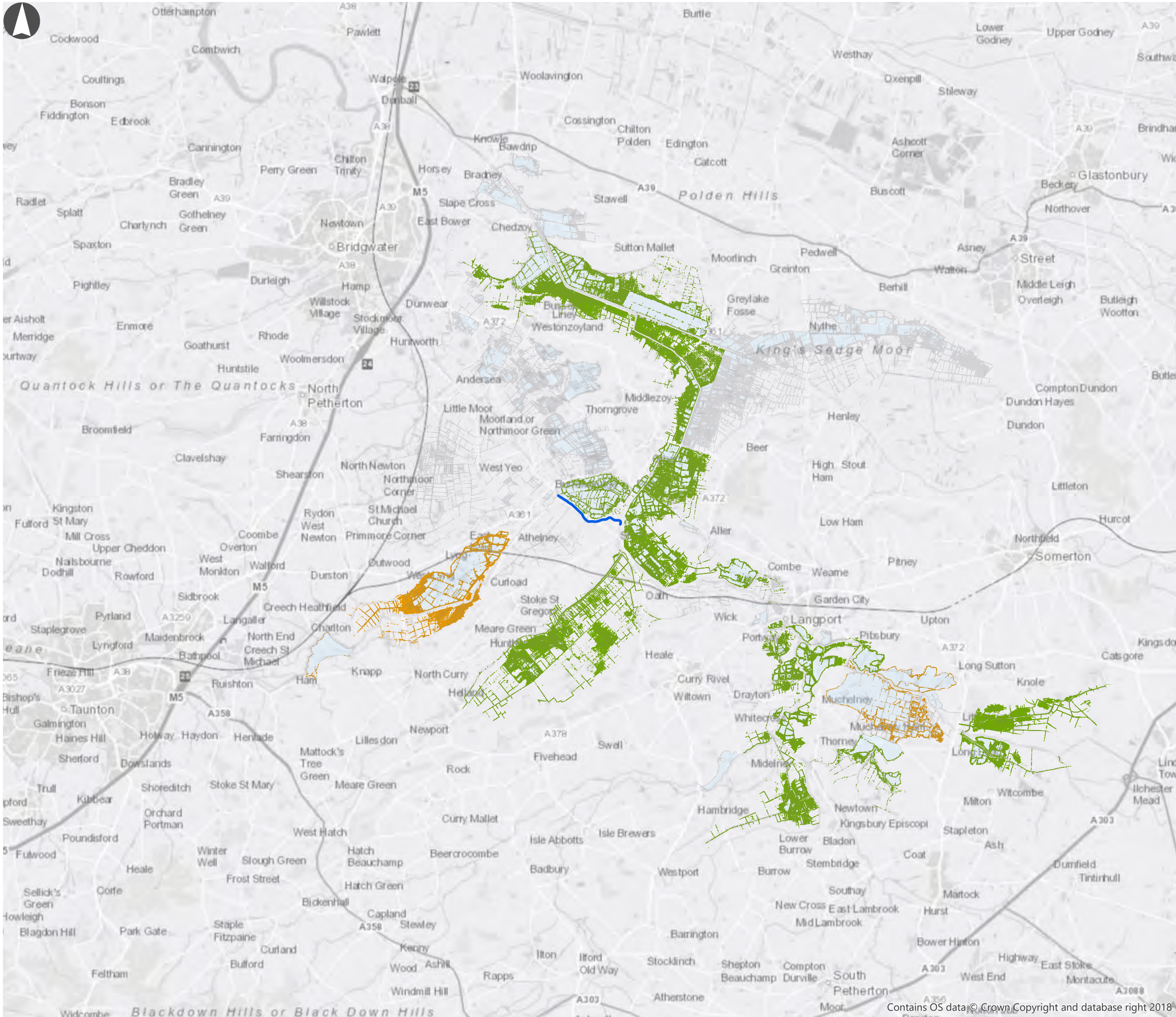


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- Cross sections
- ▨ Areas to be dredged
- Boat Survey 2018
 - Water vole
- Boat Survey 2019
 - Water vole

CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Water vole surveys with updated working area, cross sections, and sections to be dredged - Sheet 4 of 4		
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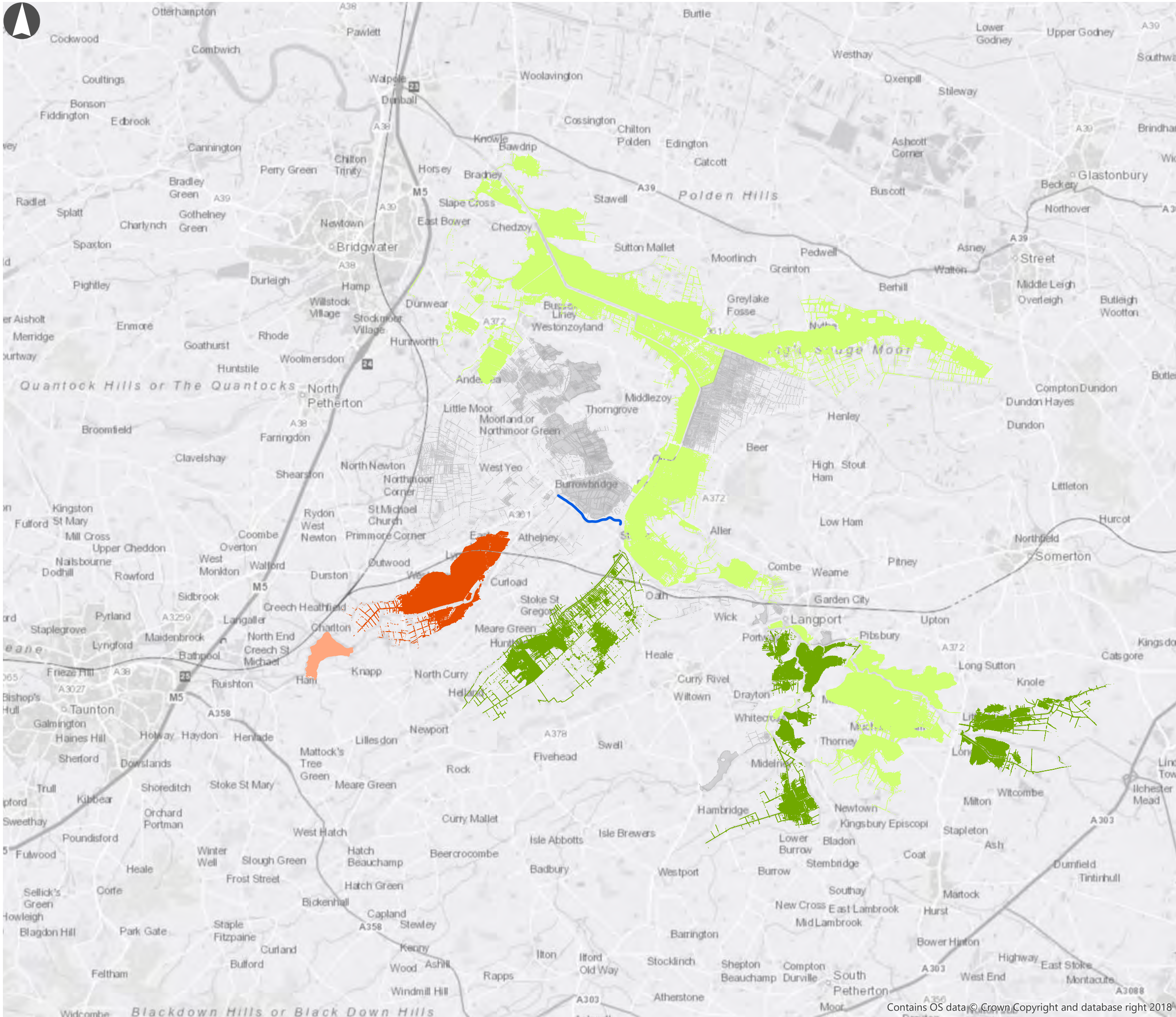


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- Proposed dredging works
- Baseline flood extent
- Flood extent reduced under N2 dredge only
- Flood extent increased under N2 dredge only

CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Flood extent changes under N2 dredge only		
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- Proposed dredging works
- Changes in flood duration under N2 dredge only
 - 2 days to -7 days
 - 12 hours to -2 days
 - No difference
 - +12 hrs to +2 days
 - +2 days to +7 days

CLIENT	Parrett Internal Drainage Board		
PROJECT	Oath to Burrowbridge Pioneer Dredge Environmental Impact Assessment		
TITLE	Flood duration changes under N2 dredge only		
SCALE @ A3	CREATED BY	CHECKED BY	
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