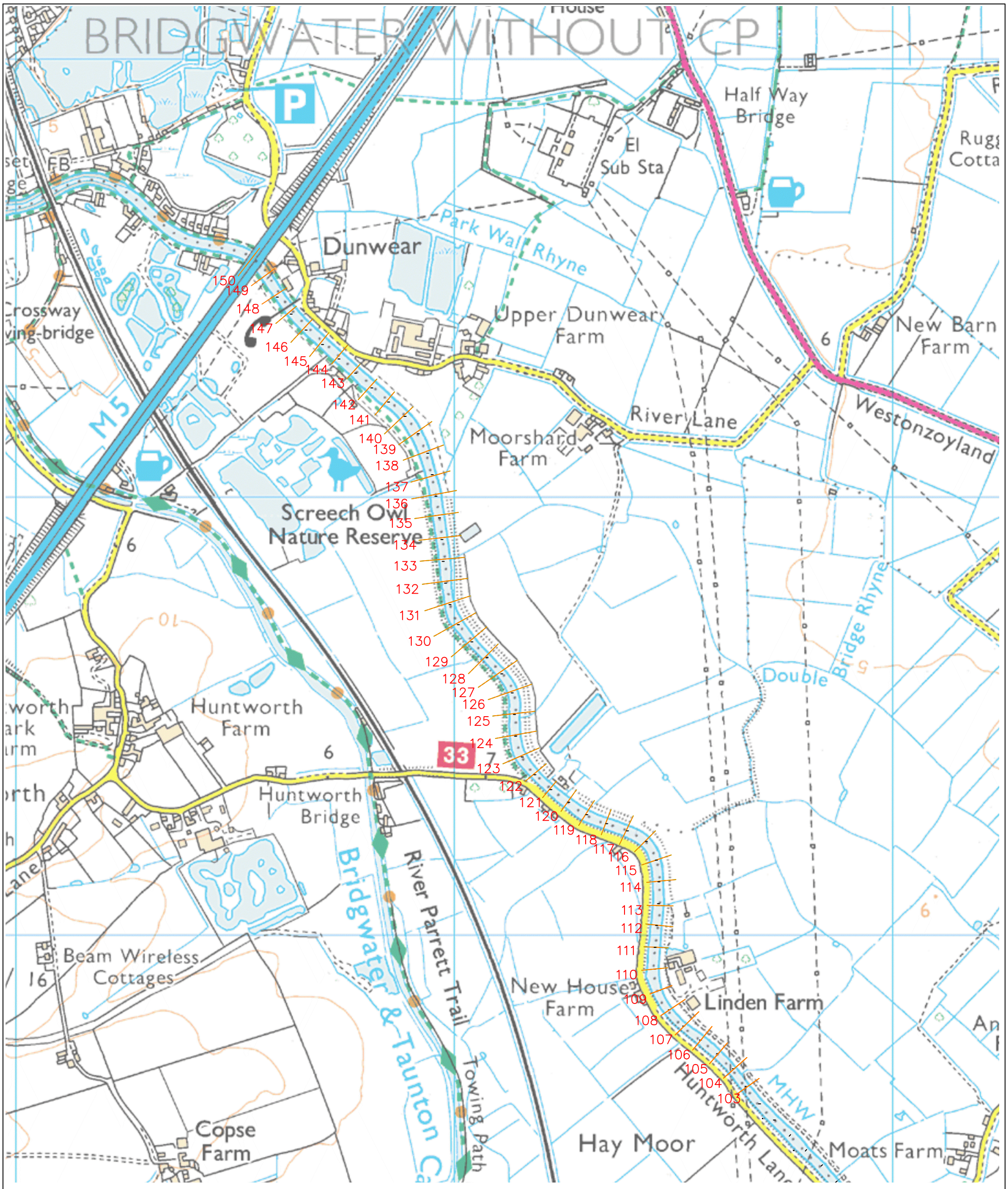

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PARRETT INTERNAL DRAINAGE BOARD
PART OF THE SOMERSET DRAINAGE BOARDS CONSORTIUM
Parrett Internal Drainage Board
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Highbridge
Somerset TA9 3BW
Telephone 01278 789906
email admin@somersetdbs.co.uk

safety health & environmental:

Safety:
1. Working with varying fluvial and tidal flows
2. Load bearing capacity of river banks
3. Access to and from vessels

Health:
1. Potential residual contamination from agricultural activity
2. Uneven ground that may be slippery when wet/frozen

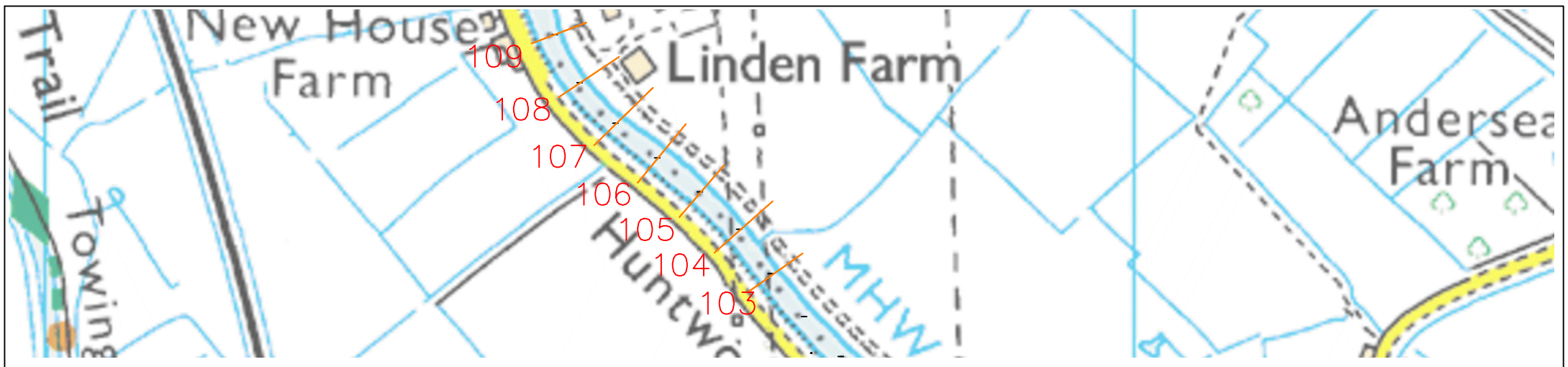
Environment:
1. Close to designated sites of environmental importance
2. Rare and protected species may be present

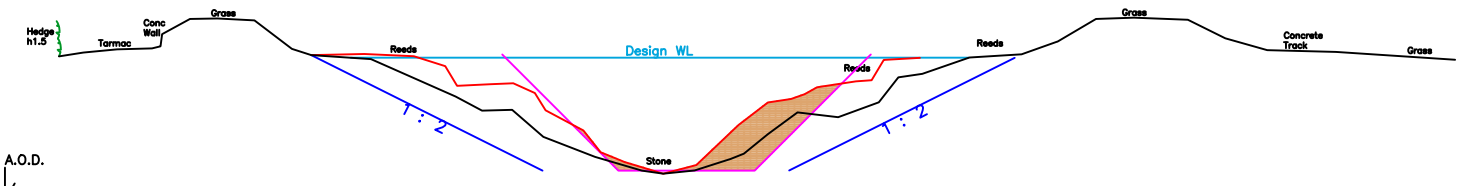
key:

project: River Parrett Dredge Northmoor to M5

title: Section Locations

drawn: RK	date: June 2020
approved: IDS	issue: Consent
scale: 1:25000l @ A3	
drg no: GD/IDB28/100	
revisions:	

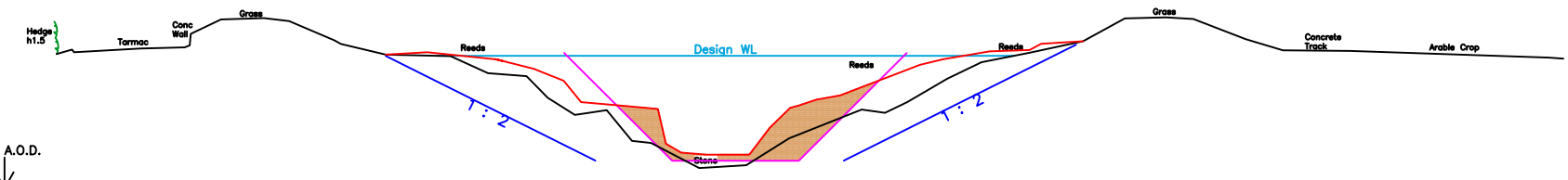




P103
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.000	1.06	2.56	4.11	4.48	4.95	5.78	6.99	8.62	10.27	11.13	13.76	17.49	18.66	19.98	21.35	23.63	25.70	28.02	28.61	30.20	31.36	32.56	34.35	36.14	37.00	38.06	40.14	42.44	44.02	44.62	45.71	47.39	49.77	51.42	53.26	56.29	61.55
Ground June 2020	6.56	6.55	6.69	6.73	6.92	7.34	6.03	6.05	7.98	6.71	6.44	6.26	4.61	3.99	4.02	2.83	1.95	1.34	1.21	1.35	1.86	2.09	3.91	3.70	4.35	5.46	5.61	6.33	6.47	7.03	7.03	8.03	8.09	8.00	7.18	6.66	6.58	6.23
Silt Level June 2020											6.44	6.46	5.95	5.15	5.20	4.76	3.12	1.72	1.21	1.59	3.34	4.35	4.50	5.28	6.01	6.22	6.31	6.46	6.47									
Design																		1.34				1.34																

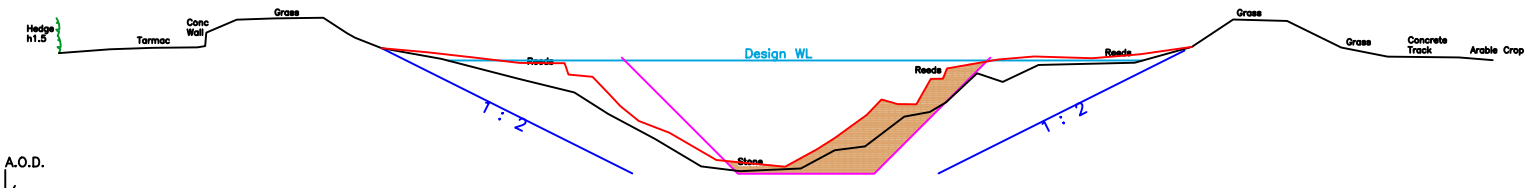
Start Chainage 10089.474m
Section bearing = 54d41'34"



P104
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.000	0.74	0.43	3.95	6.08	6.38	6.53	7.90	9.84	11.03	13.18	13.48	15.61	16.89	18.46	20.46	22.29	23.30	24.58	26.09	27.29	28.19	30.46	32.71	34.74	36.74	38.18	38.29	40.34	42.25	43.87	46.16	48.68	50.86	52.82	53.91	56.40	58.16	61.34	70.75	71.46
Ground June 2020	6.59	6.61	6.46	6.66	6.71	7.30	7.35	8.04	8.10	7.96	7.44	7.46	6.37	6.30	5.48	5.35	4.32	3.50	3.73	2.27	2.17	0.98	1.11	2.39	3.18	3.76	3.60	4.11	5.23	6.00	6.46	7.00	8.09	8.14	8.06	7.10	6.57	6.54	6.22	6.18
Silt Level June 2020													6.37	6.48	6.14	5.69	5.12	4.11	4.00	3.78	2.13	1.71	1.61	1.61	2.89	3.84	3.93	4.22	4.42	4.91	5.46	5.88	6.15	6.52	6.58	6.88	7.00				
Design																						1.32				1.32															

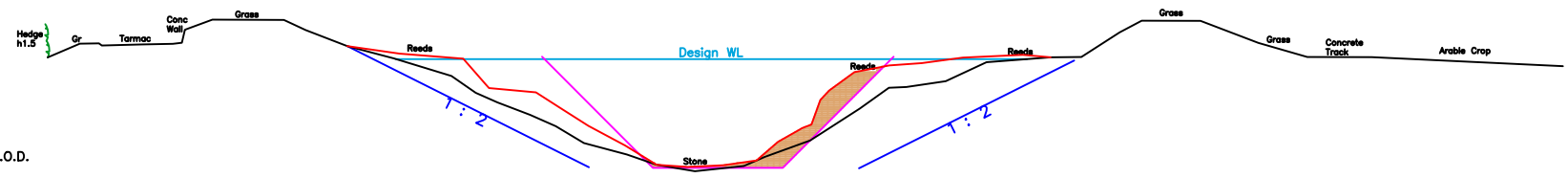
Start Chainage 10038.758m
Section bearing = 48d28'59"



P105
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.000	2.26	4.13	6.11	6.45	6.60	7.84	9.51	11.66	12.71	13.06	14.23	16.87	20.28	22.72	24.21	25.27	28.31	30.03	32.71	34.20	36.54	37.28	38.38	39.12	40.47	41.60	43.18	47.42	49.94	51.76	54.14	56.52	58.57	61.71	63.21
Ground June 2020	6.63	6.60	6.86	6.88	6.94	7.35	8.10	8.16	8.19	7.50	7.30	6.85	6.57	5.49	4.89	3.95	2.85	1.63	1.42	1.54	2.35	2.52	3.53	4.03	4.46	5.74	5.36	6.11	6.20	6.91	8.11	8.05	6.57	6.48	6.43	6.31
Silt Level June 2020												6.85	6.66	6.44	6.20	6.19	5.68	3.12	1.91	1.79	1.62	2.39	2.88	3.90	4.58	4.38	4.37	5.49	6.35	6.48	6.40	6.58	6.91					
Design																			1.31					1.31														

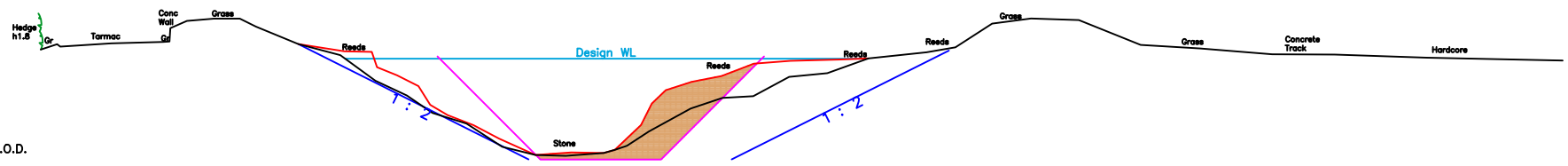
Start Chainage 9988.625m
Section bearing = 40d40'23"



P106
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.000	1.49	2.37	2.50	4.38	6.79	6.97	7.61	8.12	10.92	11.91	13.84	15.99	18.66	19.77	20.79	22.28	23.47	24.77	26.76	28.13	29.90	32.16	33.11	35.23	37.51	38.86	39.66	41.46	43.57	46.33	47.75	49.52	50.54	53.25	55.92	58.19	61.16	69.96
Ground June 2020	6.57	7.01	7.02	6.93	6.98	7.00	7.05	7.65	8.12	8.10	7.64	6.90	6.33	5.52	4.74	4.30	3.73	3.20	2.43	1.90	1.43	1.13	1.37	1.79	2.55	4.02	4.97	5.01	5.28	6.16	6.38	6.40	7.53	8.07	8.06	7.05	6.40	6.39	5.97
Silt Level June 2020												6.90	6.55	6.32	5.11	4.96	4.77	4.04	3.22	2.32	1.43	1.33	1.41	1.63	2.49	3.13	3.39	4.41	5.69	6.01	6.11	6.37	6.50	6.38					
Design																					1.29				1.29														

Start Chainage 9938.262m
Section bearing = 39d20'53"



P107
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.000	0.82	0.97	3.51	6.10	6.45	6.49	7.27	8.62	8.91	10.70	12.81	14.90	16.64	18.21	18.49	19.59	21.18	22.95	24.16	25.11	26.00	26.55	28.16	29.25	30.25	32.33	33.91	35.44	37.22	38.12	41.17	44.05	45.49	47.32	49.25	51.62	54.70	57.57	61.24	64.35	68.95	73.68
Ground June 2020	6.57	7.01	6.88	7.09	7.13	7.15	8.17	8.28	8.28	7.89	7.02	6.47	5.20	5.47	4.46	4.93	3.59	3.49	2.99	2.32	1.92	1.51	1.48	1.61	1.78	2.99	4.08	4.73	5.14	5.43	4.34	6.04	4.43	5.39	6.19	5.57	6.25	6.31	6.61	6.86	6.04	6.29	6.21	6.96	6.80	6.51	6.50	6.34	6.20
Silt Level June 2020												7.02	6.66	6.57	5.47	4.93	3.59	3.49	2.99	2.32	1.92	1.51	1.64	1.61	1.78	2.99	4.08	4.73	5.14	5.43	4.34	6.04	4.43	5.39	6.19	5.57	6.25	6.31											
Design																						1.28						1.28																	

Start Chainage 9888.531m
Section bearing = 45d37'38"

PARRETT INTERNAL DRAINAGE BOARD
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Telephone 01278 789906
email admin@somersetdbs.co.uk

safety health & environmental:

Safety:
1. Working with varying fluvial and tidal flows
2. Load bearing capacity of river banks
3. Access to and from vessels

Health:
1. Potential residual contamination from agricultural activity
2. Uneven ground that may be slippery when wet/frozen

Environment:
1. Close to designated sites of environmental importance
2. Rare and protected species may be present

key:
- Silt level June 2020
- WID influence zone
- Bank gradient indicator
- Silt to be dredged
- Design water level

project:
River Parrett Dredge
Northmoor to M5

title:
Design Profiles
Sections P103 – P107

drawn: RK	date: June 2020
approved: IDS	issue: Consent
scale: 1:400 natural @ A3	
drg no: GD/IDB28/201	
revisions:	

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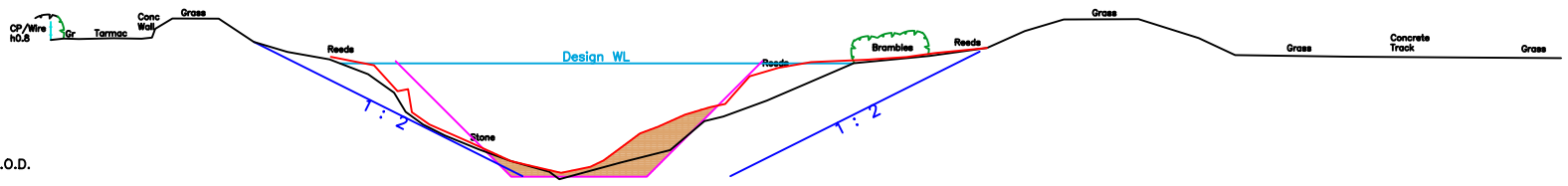
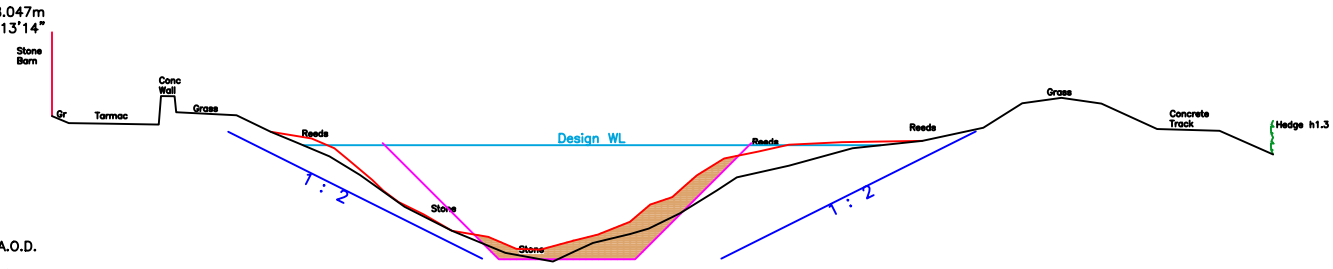


P108
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	0.55	1.25	2.78	4.03	4.49	4.83	5.39	7.44	9.00	10.49	12.35	14.07	15.21	15.73	16.50	17.46	18.98	20.30	22.00	22.54	25.28	27.44	28.96	29.80	31.73	33.42	35.58	38.95	41.49	43.16	44.89	48.20	50.86	52.47	57.52	62.52	66.91
Ground June 2020	7.29	7.27	7.37	7.49	7.38	7.48	7.81	8.27	8.57	7.34	6.79	6.46	6.81	4.89	4.13	3.87	3.89	3.44	1.98	1.48	1.18	1.89	3.44	3.72	3.93	4.48	5.38	4.89	4.48	7.71	8.33	8.24	7.41	4.48	4.38	4.34	6.81
Silt Level June 2020												6.58	6.20	5.05	5.14	4.12	3.57	2.81	1.95	1.80	1.43	1.89	2.80	3.18	3.47	4.01	4.35	5.71	6.09	6.34	6.45	6.57	6.74	6.20	6.57			
Design																			1.28					1.28														

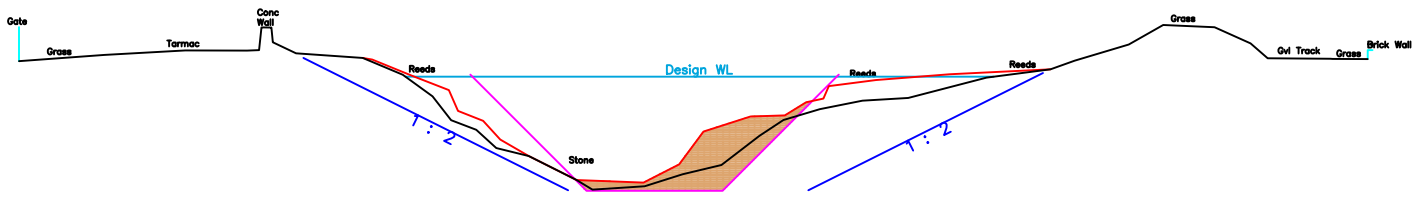
Start Chainage 9838.047m
Section bearing = 56d13'14"



P109
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	0.74	2.66	4.71	5.41	5.83	6.46	8.13	9.64	10.74	12.24	13.57	14.85	15.54	17.69	18.83	19.99	22.08	23.95	25.49	26.31	27.48	29.31	30.19	32.49	35.39	38.37	41.05	42.77	44.49	46.28	48.72	51.46	53.83
Ground June 2020	7.56	7.24	7.21	7.18	6.43	6.43	7.72	7.59	6.13	6.87	6.41	5.78	4.98	4.28	3.56	2.50	2.50	1.52	1.14	1.98	2.35	2.59	3.27	4.27	4.85	5.37	6.14	6.46	7.04	6.12	6.36	6.11	6.99	6.91	5.87
Silt Level June 2020										6.87	6.56	6.14	5.64	4.74	4.26	3.76	3.22	2.50	2.23	1.70	1.66	2.08	2.33	2.80	3.06	3.36	4.46	4.94	5.66	5.99	6.29	6.41	6.46					
Design																			1.24					1.24														

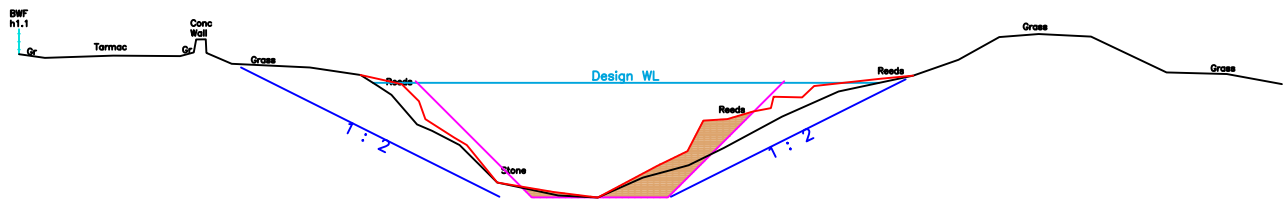
Start Chainage 9787.638m
Section bearing = 69d5'12"



P110
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	3.77	7.33	10.06	10.59	10.89	11.19	12.21	15.18	16.92	18.23	19.05	20.15	21.04	22.67	23.94	24.56	25.28	27.58	29.25	30.97	32.64	33.70	35.30	37.18	38.20	42.65	45.47	48.54	49.82	50.44	52.70	54.39	55.05	57.61	59.45
Ground June 2020	6.98	7.22	7.42	7.41	7.43	6.43	7.79	7.29	7.08	6.35	5.39	4.34	3.92	3.11	2.76	1.70	1.28	1.43	1.95	2.36	3.65	4.35	5.13	4.83	5.20	5.32	6.22	6.58	6.96	7.68	6.54	8.44	7.73	7.07	7.03	7.03
Silt Level June 2020									7.08	6.30	5.67	4.75	4.32	3.48	2.76	1.70		1.59	2.40	3.84	4.50	4.55	5.13	5.30	6.11		6.36	6.55								
Design																	1.23				1.23															

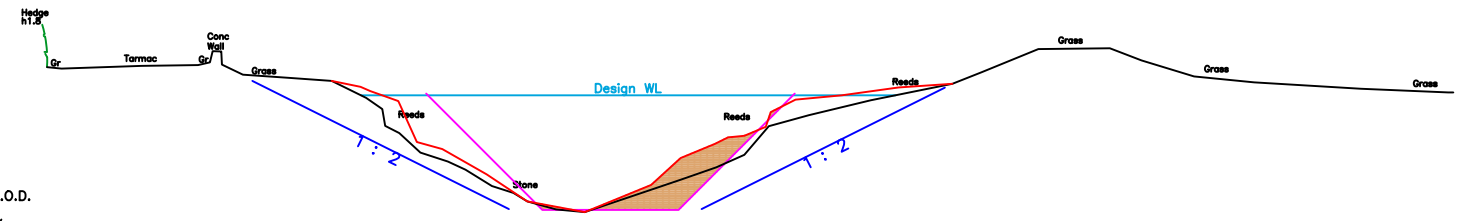
Start Chainage 9737.414m
Section bearing = 84d30'39"



P111
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	1.14	4.15	7.11	7.71	7.81	8.38	12.82	15.05	15.80	16.42	17.56	18.21	19.42	20.32	21.09	21.27	22.61	23.79	25.29	25.89	27.51	28.51	29.52	31.07	33.64	36.13	38.42	41.42	43.22	44.95	47.26	50.59	53.24	55.67
Ground June 2020	7.53	7.36	7.46	7.44	7.60	8.17	7.58	7.10	6.94	6.61	6.13	5.73	4.43	4.15	3.52	1.87	1.87	1.29	1.20	2.09	2.35	2.63	3.39	4.66	4.77	5.88	6.58	6.58	7.28	8.28	8.42	8.30	6.72	6.65	6.20
Silt Level June 2020									6.61	6.20	5.45	5.08	3.85	3.52	1.87		1.45	1.20		2.60	3.25	4.60	5.00	5.15	5.62	6.12	6.45	6.58							
Design																	1.21				1.21														

Start Chainage 9687.420m
Section bearing = 92d28'52"



P112
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	0.84	4.17	6.98	7.18	7.58	7.71	8.64	10.68	12.55	14.07	14.79	15.53	16.46	17.68	18.45	19.61	20.95	21.17	22.44	23.71	24.84	26.49	27.53	28.50	30.74	31.82	33.69	36.31	38.91	41.20	43.70	46.86	48.25	50.57	53.21	57.91	61.38
Ground June 2020	7.56	7.43	7.55	7.58	7.77	8.30	7.16	7.02	6.89	6.62	6.44	6.27	5.99	4.19	3.72	3.33	2.97	2.25	1.94	1.57	1.22	1.10	2.04	2.53	3.08	4.40	3.63	4.49	5.37	6.75	7.28	6.29	6.33	7.79	7.08	6.82	6.54	6.36
Silt Level June 2020									6.89	6.62	6.44	6.27	5.99	4.19	3.72	3.33	2.77	2.25	1.94	1.57		1.10	2.30	3.48	4.10	4.40	4.89	5.01	5.37	6.75									
Design																				1.20				1.20														

Start Chainage 9636.759m
Section bearing = 95d55'23"

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safety health & environmental:

Safety:
1. Working with varying fluvial and tidal flows
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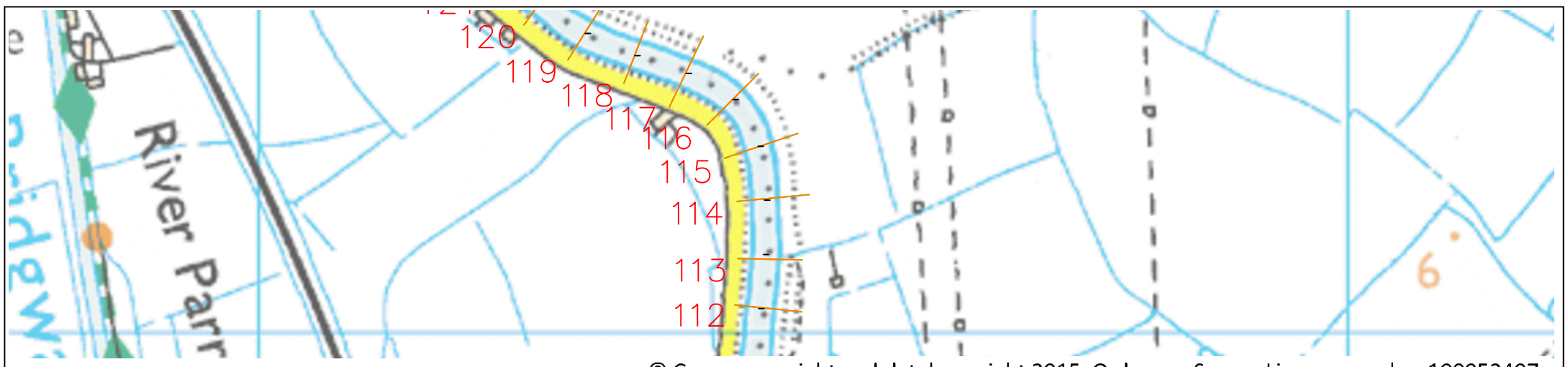
key:
- Silt level June 2020
- WID influence zone
- Bank gradient indicator
- Silt to be dredged
- Design water level

project:
River Parrett Dredge
Northmoor to M5

title:
Design Profiles
Sections P108 – P112

drawn: RK	date: June 2020
approved: IDS	issue: Consent
scale: 1:400 natural @ A3	
drg no: GD/IDB28/202	
revisions:	



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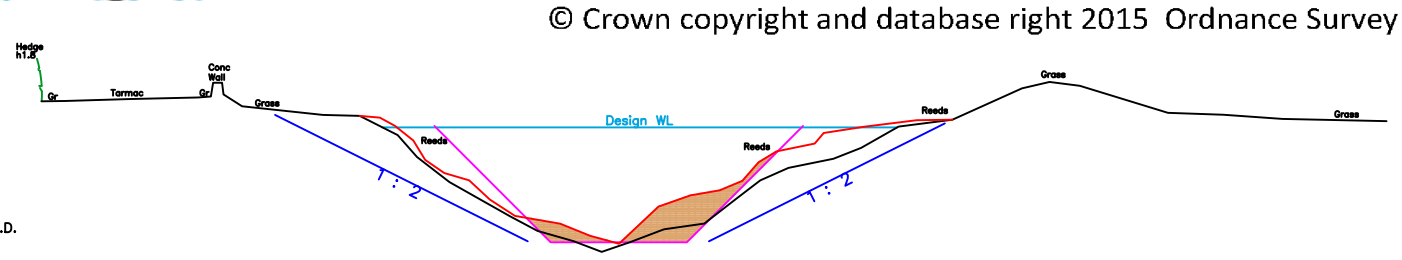
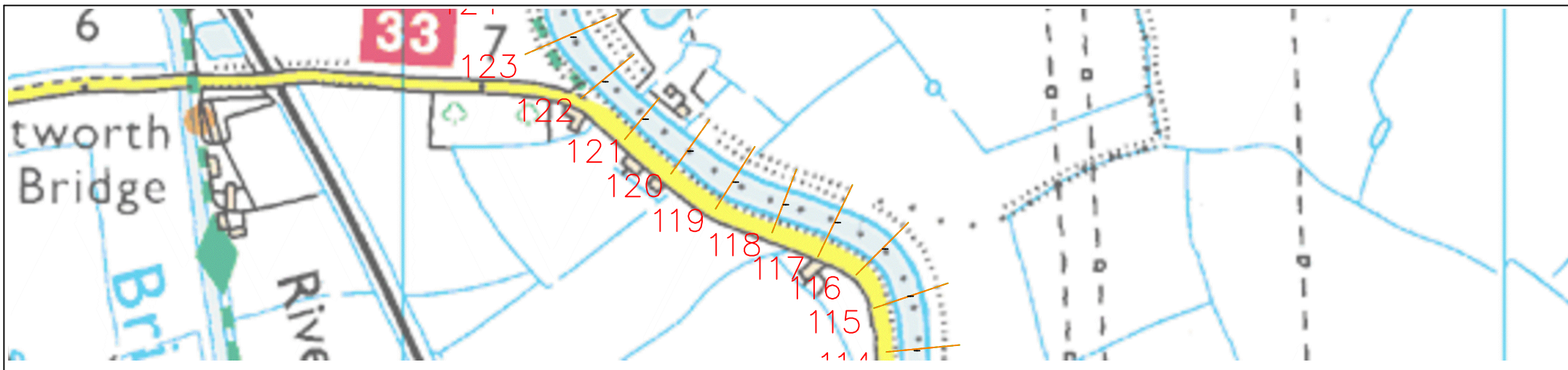
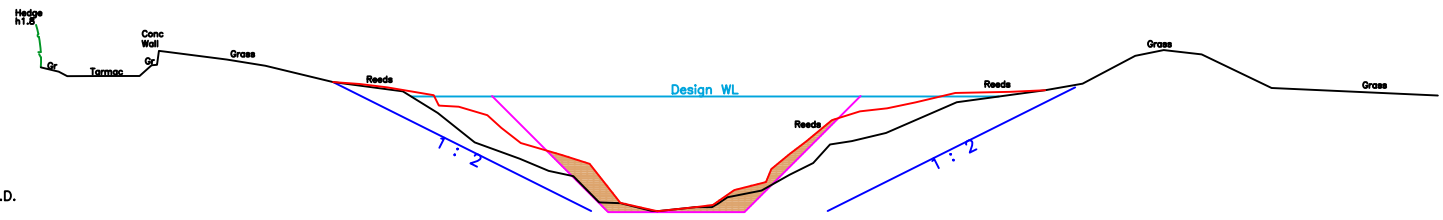


P113
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

| | | |

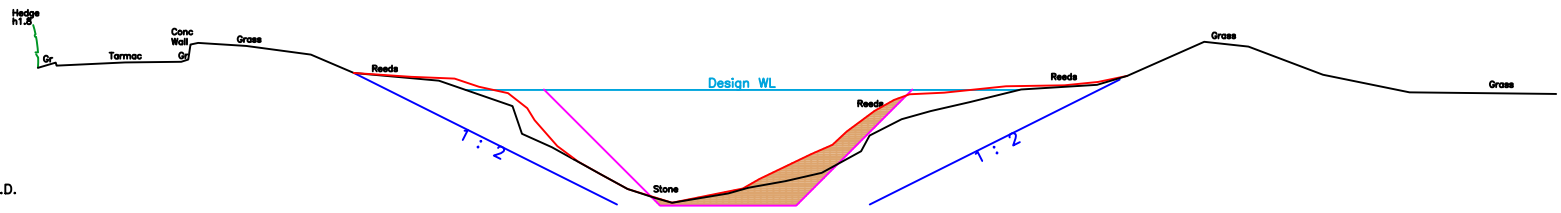




P118
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00 0.79 1.17 2.96 4.35 4.80 5.23 5.61 6.19 8.19 9.90 12.88 15.96 17.50 19.13 21.11 22.39 23.47 24.62 25.56 26.90 27.16 27.46 28.28 28.58 28.86 29.27 30.27 31.77 33.01 34.05 34.79 35.75 37.28 40.38 44.28 45.92 48.24 49.50 51.16 54.28 61.58
Ground June 2020	7.49 7.30 7.10 7.11 7.11 7.56 6.21 7.84 7.56 6.84 6.43 5.48 4.18 3.46 2.92 2.69 1.53 1.50 1.17 1.15 1.32 1.47 1.76 2.05 2.76 3.27 4.09 4.24 4.60 5.95 6.48 6.77 7.99 8.25 8.06 6.58 6.24
Silt Level June 2020	6.84 6.76 6.61 5.75 5.36 4.82 4.15 3.62 3.23 1.51 1.15 1.32 1.42 2.07 3.66 4.21 5.16 5.55 5.68 5.94 6.36 6.41 6.48
Design	1:0 1:0

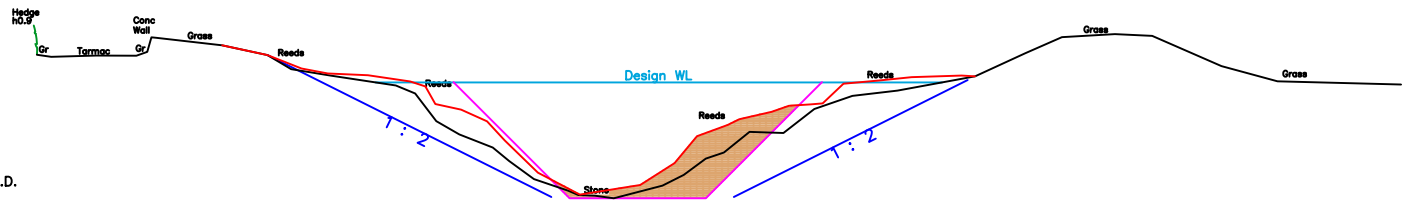
Start Chainage 9335.152m
Section bearing = 21d5'44"



P119
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00 0.79 0.83 3.85 6.32 6.83 7.28 8.20 12.04 13.94 17.66 20.93 21.34 22.66 23.63 24.79 28.00 28.28 29.30 30.43 31.34 32.66 34.56 38.30 38.67 38.08 38.39 41.08 43.35 46.69 48.02 51.42 53.37 56.65 60.47 65.53
Ground June 2020	7.40 7.27 7.41 7.43 7.33 7.17 6.70 6.13 7.75 6.94 6.60 5.48 4.28 3.66 3.13 2.46 1.82 1.44 1.22 1.63 1.89 2.17 2.54 3.48 4.18 4.90 5.25 5.66 6.21 6.41 6.51 8.31 8.10 6.85 6.00 5.01
Silt Level June 2020	6.94 6.77 6.69 6.33 6.05 5.38 4.88 3.72 3.04 2.46 1.82 1.22 1.84 2.27 3.35 3.77 4.36 5.27 5.75 6.00 6.07 6.35 6.40 6.55 6.51
Design	1.09 1.09

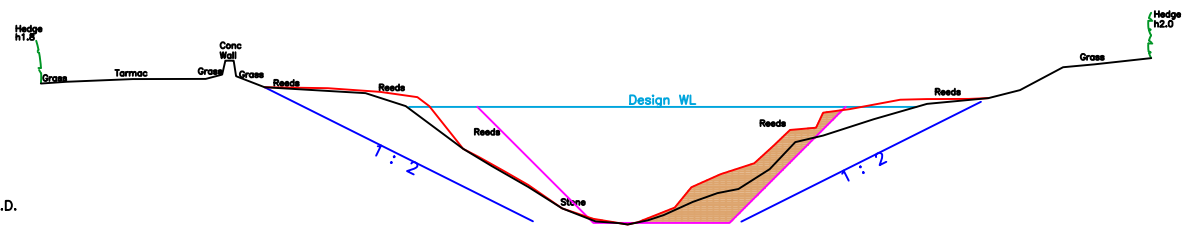
Start Chainage 9285.020m
Section bearing = 32d12'5"



P120
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00 0.64 2.62 4.39 5.17 6.14 8.17 10.17 11.21 12.94 15.83 16.66 17.61 19.63 20.10 20.62 21.91 23.44 23.67 24.61 25.44 27.59 28.52 29.49 30.29 31.42 32.91 34.28 35.95 37.94 41.36 43.56 45.19 47.52 49.17 52.23 54.49 60.14
Ground June 2020	7.50 7.31 7.39 7.36 7.41 7.27 6.81 7.81 7.39 6.76 6.48 6.04 5.69 4.47 3.89 3.51 2.72 1.92 1.40 1.21 1.19 1.07 1.63 2.10 2.82 3.09 4.00 4.55 5.01 5.59 5.82 6.41 6.45 6.45 7.48 8.18 8.31 8.23 6.90 6.23 6.09
Silt Level June 2020	7.81 7.39 6.79 6.58 6.50 6.22 5.69 5.00 5.22 4.98 4.48 3.62 2.20 1.23 1.66 2.62 3.81 4.30 4.58 4.88 5.15 5.21 5.28 6.12 6.26 6.41 6.48 6.45
Design	1.07 1.07

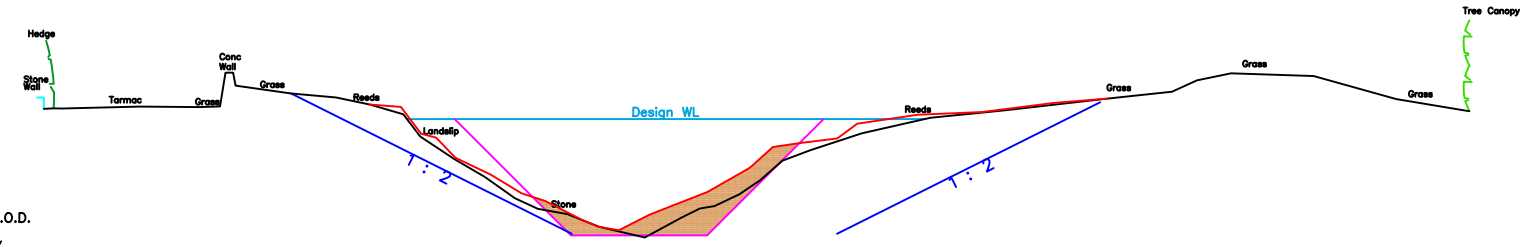
Start Chainage 9235.262m
Section bearing = 35d27'48"



P121
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00 1.12 4.06 7.27 7.99 8.59 8.61 9.86 14.32 16.09 17.67 18.62 19.28 19.88 21.49 22.98 24.46 25.47 25.85 26.78 27.46 28.74 29.82 30.76 32.13 33.36 34.49 36.72 39.07 41.77 43.16 45.06 46.44 48.95
Ground June 2020	7.19 7.28 7.39 7.40 7.59 8.21 7.52 7.04 6.77 6.20 4.32 3.96 3.35 2.64 2.73 1.70 1.12 1.05 0.95 1.08 1.16 1.40 1.86 2.37 2.55 3.42 4.61 4.91 5.62 6.30 6.55 6.91 7.91 8.04 8.32
Silt Level June 2020	7.04 6.99 6.83 6.60 6.21 4.32 3.96 3.35 2.73 1.70 1.24 0.95 1.08 1.73 2.63 3.19 3.66 4.47 4.94 5.15 5.12 5.31 5.98 6.07 6.39 6.51 6.52 6.55
Design	1.05 1.05

Start Chainage 9184.836m
Section bearing = 39d50'49"



P122
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00 0.79 0.78 4.22 6.86 7.77 7.95 8.46 7.30 10.60 7.12 12.88 14.38 15.85 16.59 16.89 19.09 19.45 20.77 21.78 23.08 24.47 25.50 26.80 28.12 29.62 29.57 30.65 31.55 32.56 33.78 36.08 39.08 42.39 46.89 48.73 50.53 52.34 55.68 59.51 62.84
Ground June 2020	6.93 6.43 6.72 6.70 7.23 7.22 7.44 6.48 7.30 7.12 6.81 6.39 5.40 4.41 3.62 2.67 2.21 1.98 1.42 0.95 1.83 2.22 2.33 2.85 3.45 4.34 4.79 5.54 6.22 6.58 6.48 6.88 7.07 7.37 7.88 8.19 8.07 7.05 6.52
Silt Level June 2020	6.81 6.70 5.52 5.35 4.47 3.72 2.89 2.55 1.98 1.26 1.96 2.96 3.96 4.07 4.94 5.12 5.31 5.98 6.36 6.48 6.88 7.07
Design	1.04 1.04

Start Chainage 9135.029m
Section bearing = 50d18'42"

PARRETT INTERNAL DRAINAGE BOARD
PART OF THE SOMERSET DRAINAGE BOARDS CONSORTIUM
Parrett Internal Drainage Board
Bradbury House
33-34 Market Street
Highbridge
Somerset TA9 3BW
Telephone 01278 789906
email admin@somersetdbs.co.uk

safety health & environmental:

Safety:
1. Working with varying fluvial and tidal flows
2. Load bearing capacity of river banks
3. Access to and from vessels

Health:
1. Potential residual contamination from agricultural activity
2. Uneven ground that may be slippery when wet/frozen

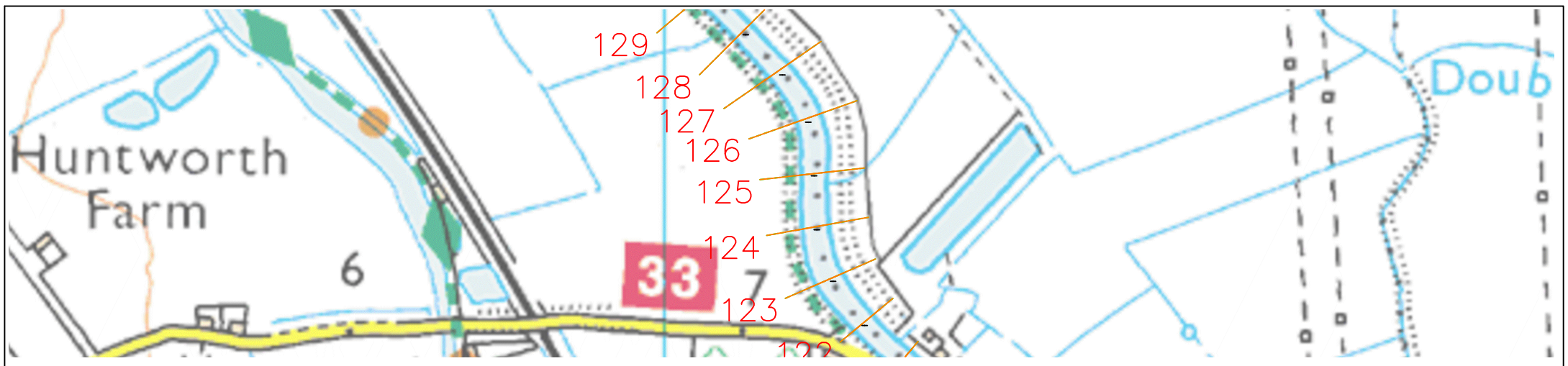
Environment:
1. Close to designated sites of environmental importance
2. Rare and protected species may be present

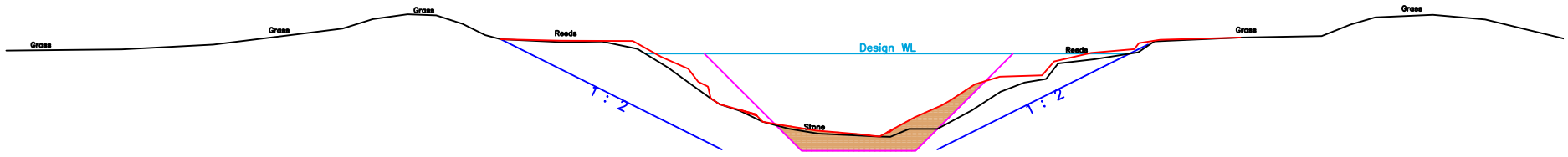
key:
- Silt level June 2020
- WID influence zone
- Bank gradient indicator
- Silt to be dredged
- Design water level

project:
River Parrett Dredge
Northmoor to M5

title:
Design Profiles
Sections P118 – P122

drawn: RK	date: June 2020
approved: IDS	issue: Consent
scale: 1:400 natural @ A3	
drg no: GD/IDB28/204	
revisions:	

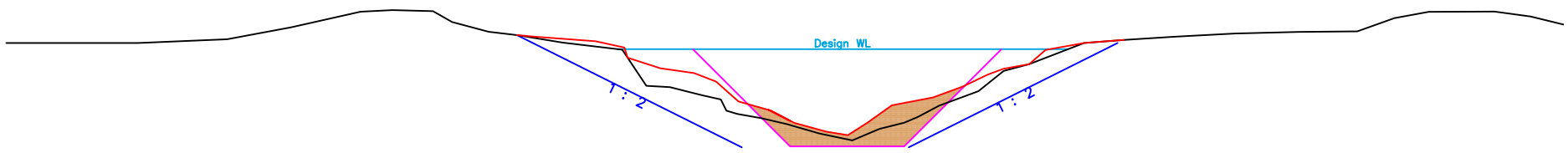




P123
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	6.09	10.61	15.35	17.71	19.32	21.14	22.85	24.04	25.33	26.05	28.23	31.40	33.25	34.67	35.98	37.88	38.85	39.46	39.85	41.24	42.78	44.31	46.00	46.57	47.56	48.05	50.88	52.37	53.63	54.78	55.41	57.35	58.53	60.48	65.02	70.82	72.12	75.15	77.82	82.00
Ground June 2020	5.31	6.38	6.63	7.18	7.47	7.98	8.23	8.18	7.72	7.13	6.91	6.77	6.79	6.41	5.41	4.62	3.49	3.14	2.56	2.19	1.94	1.77	1.76	2.18	2.18	3.17	4.14	4.53	4.82	5.64	5.86	6.22	6.50	7.00	7.08	7.69	8.07	8.20	7.98	6.96
Silt Level June 2020											6.91	6.84		6.62	5.98	5.35	4.67	4.41	3.79	3.49	2.98	2.56	2.38	2.09	1.89	1.77	2.79	3.43	3.69	4.54	4.94	5.01	5.74	6.20	6.38	6.71	6.89	7.00				
Design																					1.02						1.02														

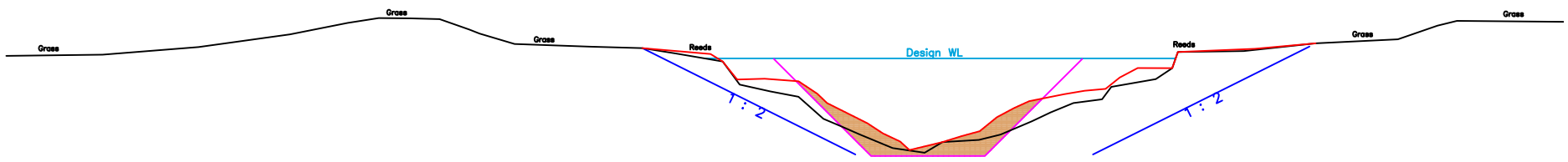
Start Chainage 9084.399m
Section bearing = 66d24'38"



P124
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	6.93	11.63	15.00	18.87	20.35	22.49	23.46	25.41	28.91	29.31	32.45	33.72	34.98	36.67	38.50	39.78	41.09	42.85	44.57	46.01	47.30	48.03	49.13	51.21	52.54	55.69	56.76	58.68	61.55	64.74	68.13	71.18	73.13	74.93	78.40	80.31
Ground June 2020	5.17	6.46	6.66	7.29	8.11	8.20	8.14	7.57	7.06	6.88	6.49	6.11	4.21	4.14	3.71	2.72	2.50	2.19	1.69	1.33	1.93	2.26	2.57	3.15	3.92	4.99	5.35	6.46	6.53	6.80	6.98	7.05	7.08	7.78	8.10	8.12	7.86
Silt Level June 2020										6.88	6.80	6.56	6.23	5.13	4.88	4.43	3.38	2.90	2.25	1.79	1.60	2.26	3.17	3.59	4.16	4.80	5.10	5.35	6.10	6.46	6.53						
Design																			1.01				1.01														

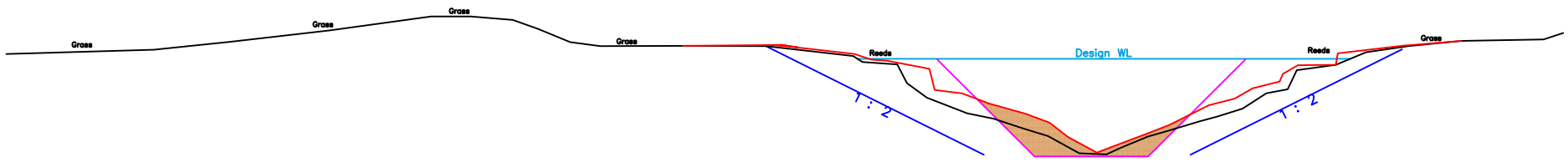
Start Chainage 9034.664m
Section bearing = 79d53'15"



P125
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	5.07	10.13	14.95	17.99	19.62	21.25	22.83	24.40	24.93	28.78	30.75	33.51	35.22	37.74	38.64	40.28	41.74	43.05	44.03	44.84	46.70	48.38	49.33	51.24	52.38	54.04	55.02	56.22	57.73	58.22	60.56	61.18	61.72	65.20	68.98	73.31	75.39	76.42	79.61
Ground June 2020	5.27	6.34	6.74	7.41	8.02	8.27	8.26	8.22	7.67	7.45	6.90	6.76	6.68	6.41	5.98	4.76	4.40	4.11	2.95	2.54	2.14	1.41	1.16	1.72	1.83	2.12	2.83	3.29	3.78	3.99	4.84	5.05	5.43	5.13	5.53	6.53	6.94	7.15	7.57	6.12	8.10
Silt Level June 2020													6.68		6.38	5.02	5.07	4.94	4.28	3.78	2.72	2.18	1.75	1.72	2.03	2.30	3.04	3.52	3.88	4.25	4.44	4.53	5.13	5.53		6.65	6.94				
Design																					0.99					0.99															

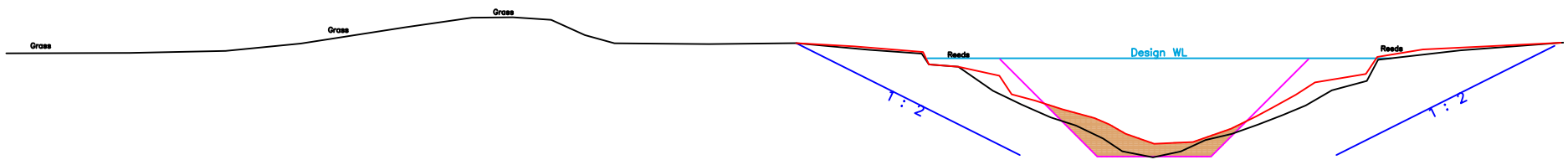
Start Chainage 8985.616m
Section bearing = 83d38'51"



P126
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	7.76	11.78	17.00	22.39	22.40	24.46	26.60	28.02	28.71	31.29	35.65	40.02	42.01	44.61	45.11	46.94	47.45	48.50	50.62	52.00	53.57	54.88	56.53	57.96	58.60	60.16	61.30	62.86	63.50	65.13	66.38	67.51	67.98	70.05	71.64	73.86	76.60	80.90
Ground June 2020	5.38	6.61	7.03	7.63	8.37	8.37	8.37	8.18	7.71	7.01	6.80	6.61	6.80	6.57	6.28	5.96	5.83	4.84	4.08	3.25	2.97	2.46	2.05	1.14	1.09	1.42	2.03	2.36	2.82	3.08	3.50	4.31	4.57	5.53	5.81	6.47	6.80	7.08	7.15
Silt Level June 2020												6.61		6.86	6.72		6.39	6.09	6.03		4.30	3.76	3.23	2.76	2.01	1.17	1.77	2.22	2.64	3.67	3.74	4.03	4.57	5.79	5.81	6.42	6.82	7.08	
Design																							0.98				0.98													

Start Chainage 8933.879m
Section bearing = 70d29'56"



P127
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	6.51	11.55	15.51	21.05	24.54	26.69	28.71	30.49	32.04	37.01	41.61	45.47	48.22	48.61	49.40	50.15	51.29	51.86	53.48	55.02	56.35	57.78	58.79	60.41	61.88	63.17	64.56	65.94	67.24	68.46	69.83	71.66	72.27	76.59	81.90
Ground June 2020	5.39	6.42	6.52	6.91	7.77	8.27	8.29	8.16	7.36	6.92	6.88	6.93	6.58	6.38	5.61	5.69	4.42	3.70	3.00	2.59	1.91	1.24	0.92	1.23	1.83	2.15	2.64	3.14	3.65	4.45	5.09	5.30	6.05	6.55	6.95
Silt Level June 2020												6.93	6.76		5.61	5.69	5.21	4.23	3.90	2.99	2.85	2.16	1.83	1.72	2.42	3.08	3.54	4.21	4.86	5.09	5.30	6.20	6.59	6.95
Design																					0.98			0.98											

Start Chainage 8882.471m
Section bearing = 55d18'35"

Parrett Internal Drainage Board
Bradbury House
33-34 Market Street
Highbridge
Somerset TA9 3BW
Telephone 01278 789906
email admin@somersetdbs.co.uk

safety health & environmental:

Safety:
1. Working with varying fluvial and tidal flows
2. Load bearing capacity of river banks
3. Access to and from vessels

Health:
1. Potential residual contamination from agricultural activity
2. Uneven ground that may be slippery when wet/frozen

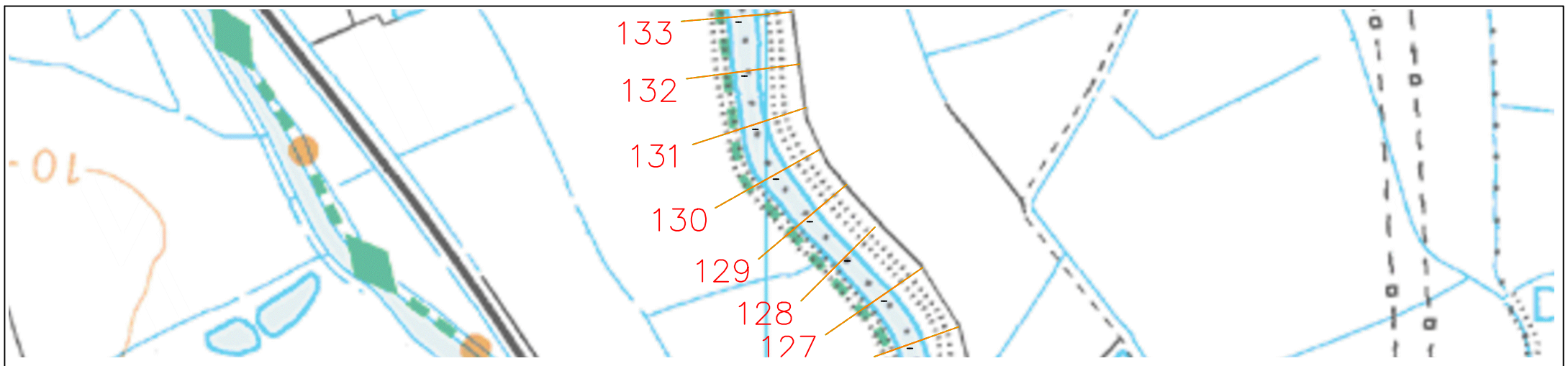
Environment:
1. Close to designated sites of environmental importance
2. Rare and protected species may be present

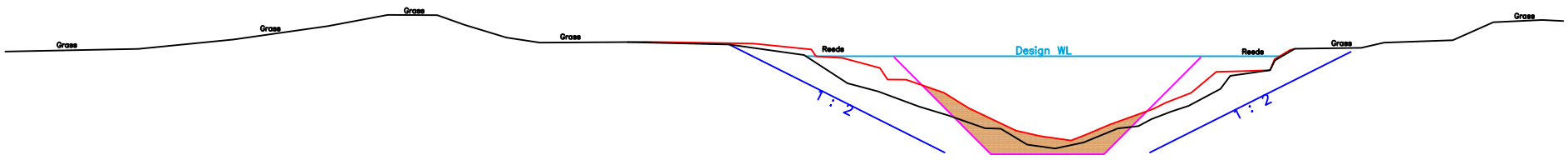
key:
- Silt level June 2020
- WID influence zone
- Bank gradient indicator
- Silt to be dredged
- Design water level

project:
River Parrett Dredge
Northmoor to M5

title:
Design Profiles
Sections P123 – P127

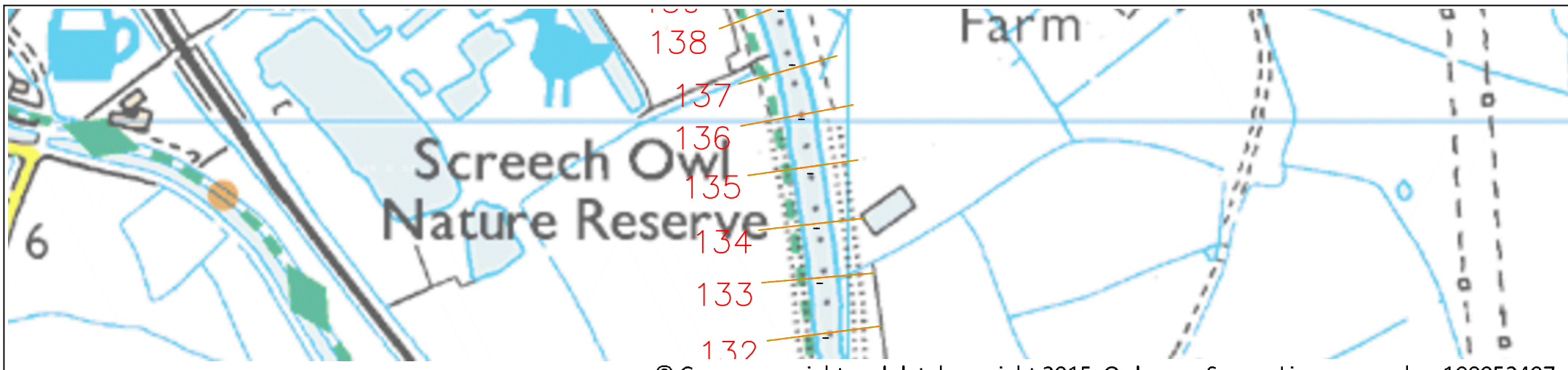
drawn: RK	date: June 2020
approved: IDS	issue: Consent
scale: 1:400 natural @ A3	
drg no: GD/IDB28/205	
revisions:	





P128
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

| | | |



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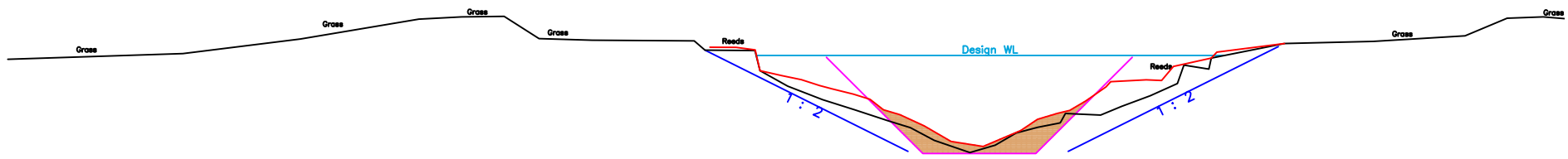
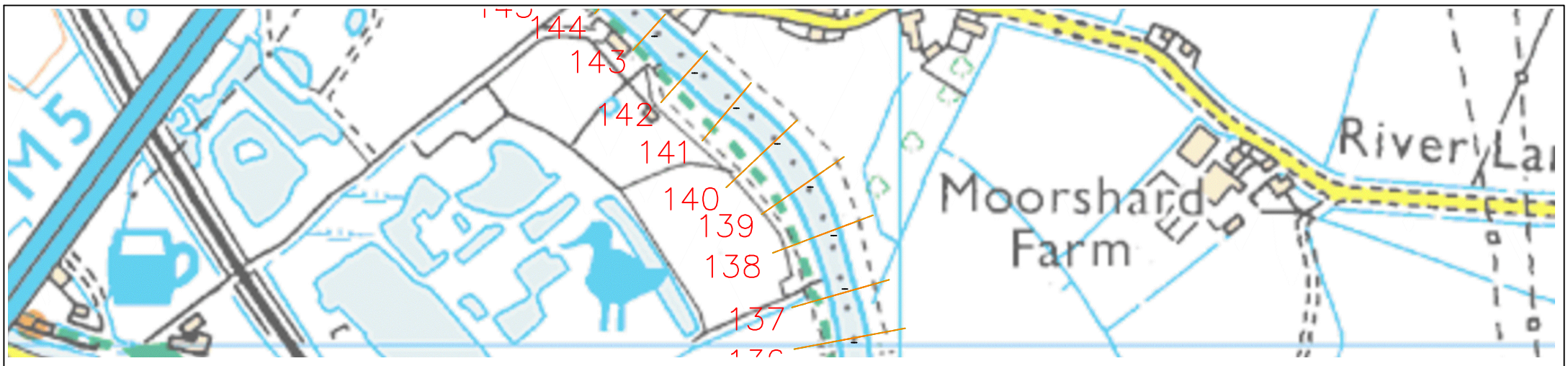


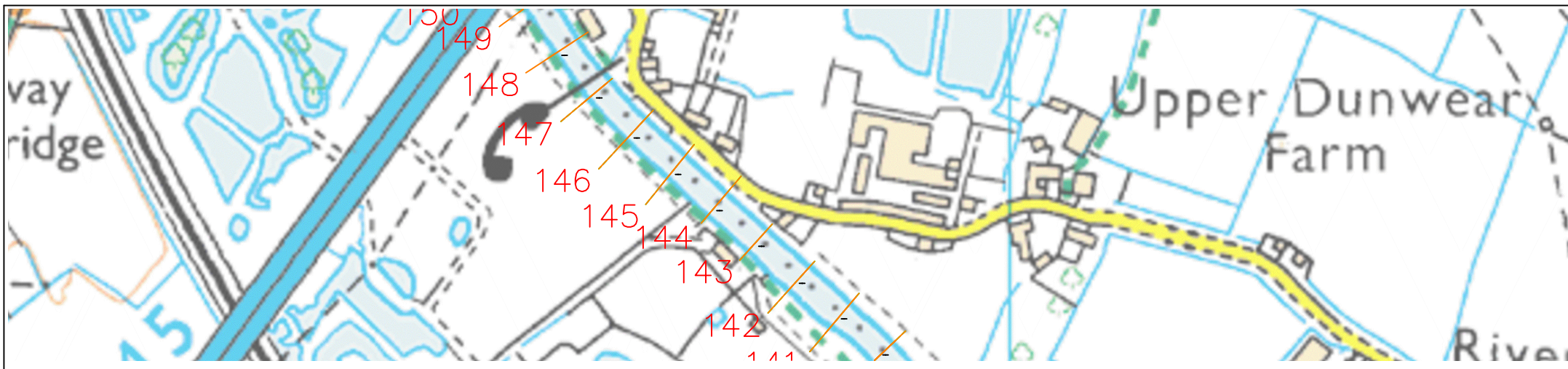
P133
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

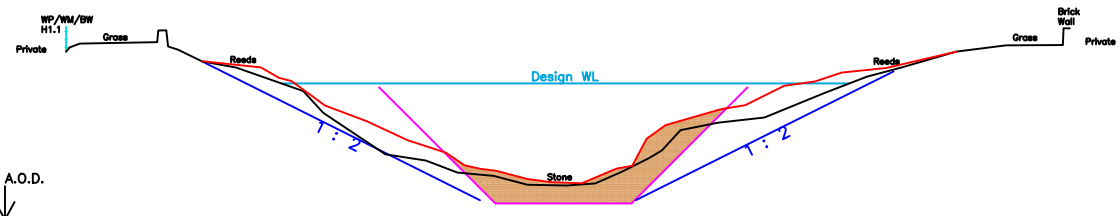
| | | |



P138
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

| | | |

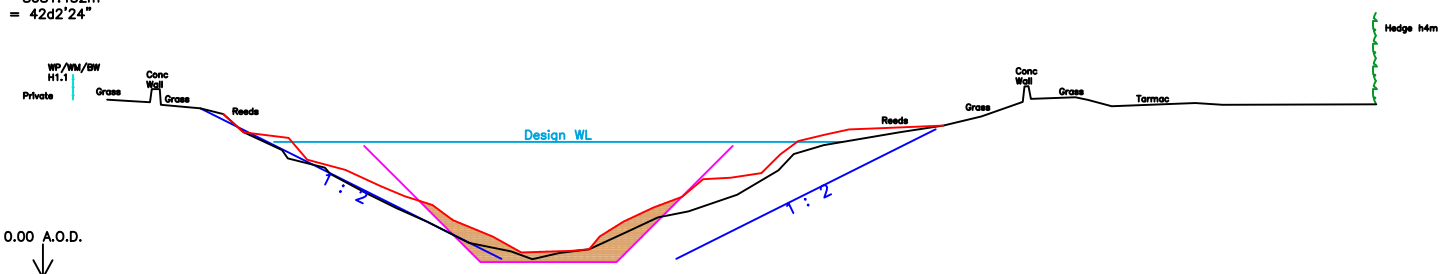




P143
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	0.16	0.61	4.02	4.42	4.83	4.93	5.99	7.50	10.46	11.34	12.61	14.06	15.86	17.25	18.86	20.32	22.06	23.33	24.48	25.70	26.36	27.00	28.76	30.78	33.46	35.32	36.80	39.25	41.42	43.94
Ground June 2020	7.50	7.39	7.70	7.82	8.35	7.43	7.49	6.98	6.70	5.66	4.71	3.85	2.88	2.40	2.07	1.92	1.54	1.50	1.59	2.10	2.71	3.05	3.94	4.27	4.50	5.59	6.31	6.70	7.40	7.68	7.70
Silt Level June 2020								5.98		6.70	6.25	6.10	5.45	5.02		4.34		3.49		2.95	2.39	2.23	2.15		1.79	1.64		1.60		2.25	2.37	3.56	4.16		4.86	5.04		5.89		6.02	6.48		6.69		7.40		
Design																0.7															0.7														

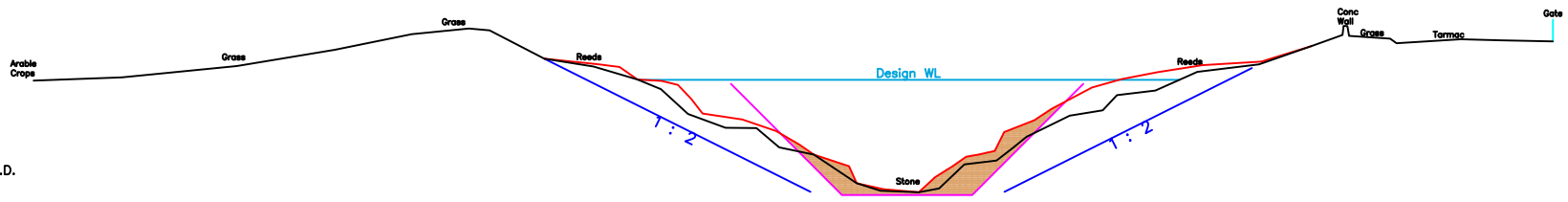
Start Chainage 8081.452m
Section bearing = 42d2'24"



P144
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	1.40	1.89	2.37	2.77	4.11	5.12	6.01	7.11	7.71	7.97	8.80	9.63	11.39	12.78	14.13	15.95	17.80	18.75	19.95	21.28	23.05	24.28	25.63	27.77	29.56	30.38	31.59	34.96	36.86	38.53	40.38	41.31	40.72	42.69	43.22	44.38	44.86	44.38	47.96	48.17	55.95
Ground June 2020	7.85	7.77	7.74	7.70	7.63	7.47	7.22	6.42	6.01	5.63	5.27	4.86	4.58	3.75	3.07	2.46	1.54	1.16	0.82	1.10	1.28	2.09	2.66	2.93	3.66	4.73	5.46	5.85	6.42	6.71	7.11	7.75	7.89	7.96	7.84	7.56	7.56	7.70	7.63	7.65
Silt Level June 2020								7.09	6.92	6.17	5.21		4.78	4.04	3.60	3.21	2.54	1.82	1.12	1.18	1.26	1.82	2.48	3.10	3.58	4.35	4.41	4.62	5.44	5.03	6.31	6.55	6.61	6.53	6.71							
Design																		0.69				0.69																				

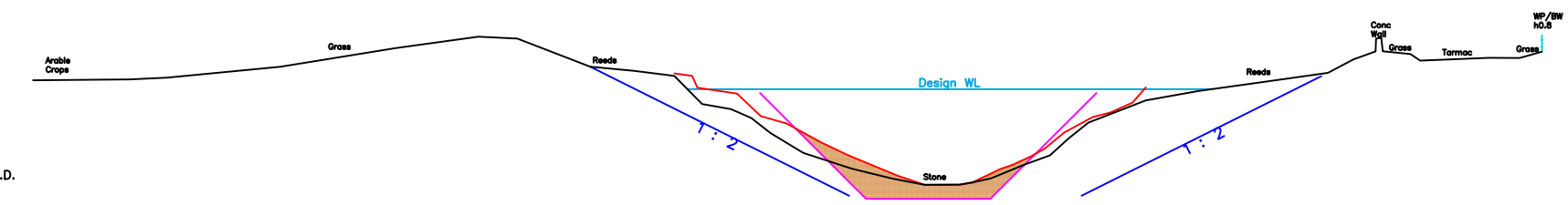
Start Chainage 8032.328m
Section bearing = 40d20'6"



P145
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	4.07	6.37	13.89	17.43	20.07	21.02	23.55	25.61	27.84	28.53	30.17	31.90	33.33	34.38	35.97	37.60	38.04	40.58	41.75	42.91	44.39	45.15	45.76	47.77	49.29	49.95	51.72	53.66	56.50	58.53	63.51	65.80	67.65	70.05
Ground June 2020	5.94	6.09	6.61	7.36	8.08	8.34	8.26	6.95	6.60	6.00	5.55	4.40	3.77	3.75	2.87	2.53	1.45	0.87	0.80	0.98	2.08	2.28	2.84	3.35	4.33	4.58	5.27	5.49	6.35	6.69	7.54	8.05	7.85	7.80	7.75
Silt Level June 2020								6.95	6.69	6.57	6.00	5.93	5.74	5.08	4.43	4.15	3.62	2.89	2.53	2.00	1.92	0.94	0.80	1.49	1.99	2.44	2.74	2.71	2.84	4.11	4.64	5.83	6.02	6.34	6.66	6.82	7.14	7.54	7.88	7.85	7.80	7.75
Design																	0.67				0.67														

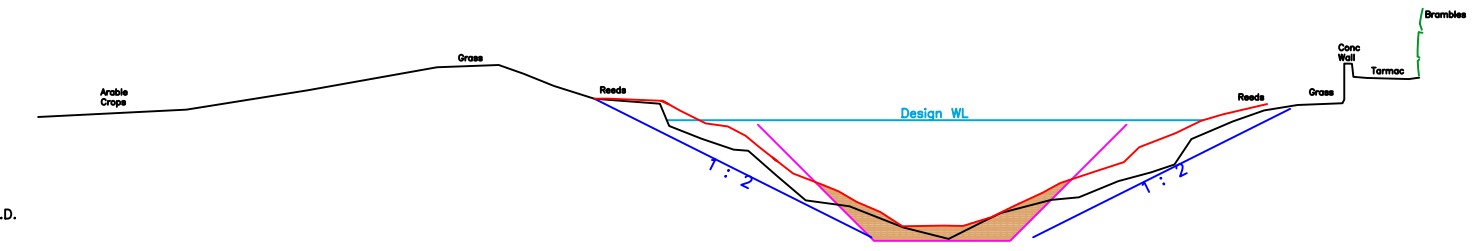
Start Chainage 7981.933m
Section bearing = 38d59'24"



P146
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	4.65	6.47	11.95	17.52	21.50	23.36	26.90	29.00	30.96	32.30	33.69	34.66	35.60	37.18	38.52	41.47	43.98	44.34	45.34	46.24	47.83	49.00	49.96	50.95	53.71	56.23	59.52	62.51	63.73	64.81	65.49	66.49	70.27	71.76	72.83
Ground June 2020	6.40	6.44	6.53	7.05	7.95	8.51	8.42	7.08	6.85	6.61	5.25	5.00	4.57	3.84	2.86	2.12	1.64	1.34	1.35	1.46	1.85	2.31	2.77	3.58	4.35	5.43	5.67	6.34	6.76	7.41	7.80	7.56	7.35	7.49	7.48	7.78
Silt Level June 2020										6.61	5.25	5.76	4.68	4.31	3.39	2.78	1.79	1.34	1.35	1.46	2.10	2.31	2.74	3.09	3.86	4.61	4.85	5.32								
Design																0.65				0.65																

Start Chainage 7931.381m
Section bearing = 42d53'4"



P147
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

Chainage	0.00	6.54	11.89	17.89	17.51	20.30	21.41	22.74	24.53	27.41	27.62	29.23	30.68	31.30	32.57	33.94	35.76	38.15	40.14	41.81	42.43	44.65	45.88	47.61	49.06	50.09	50.83	52.66	54.04	55.52	57.50	57.98	58.58	60.42	61.69
Ground June 2020	6.10	6.43	7.28	8.30	8.30	8.39	8.01	7.48	6.91	6.69	5.71	5.15	4.67	4.42	3.51	2.42	2.17	1.23	0.73	1.47	1.87	2.45	2.56	3.27	3.67	4.01	5.13	5.91	6.39	6.63	6.71	6.46	7.53	7.78	7.84
Silt Level June 2020									6.92	6.82	5.39	5.62	5.66	5.28	4.78	3.62	3.12	2.83	2.37	1.91	1.29	1.32	1.20	1.69	2.18	2.78	3.19	3.72	4.11	4.77	5.39	5.93	6.22	6.62	
Design																		0.64				0.64													

Start Chainage 7881.670m
Section bearing = 50d4'35"

PARRETT INTERNAL DRAINAGE BOARD
PART OF THE SOMERSET DRAINAGE BOARDS CONSORTIUM
Parrett Internal Drainage Board
Bradbury House
33-34 Market Street
Highbridge
Somerset TA9 3BW
Telephone 01278 789906
email admin@somersetdbs.co.uk

safety health & environmental:

Safety:
1. Working with varying fluvial and tidal flows
2. Load bearing capacity of river banks
3. Access to and from vessels

Health:
1. Potential residual contamination from agricultural activity
2. Uneven ground that may be slippery when wet/frozen

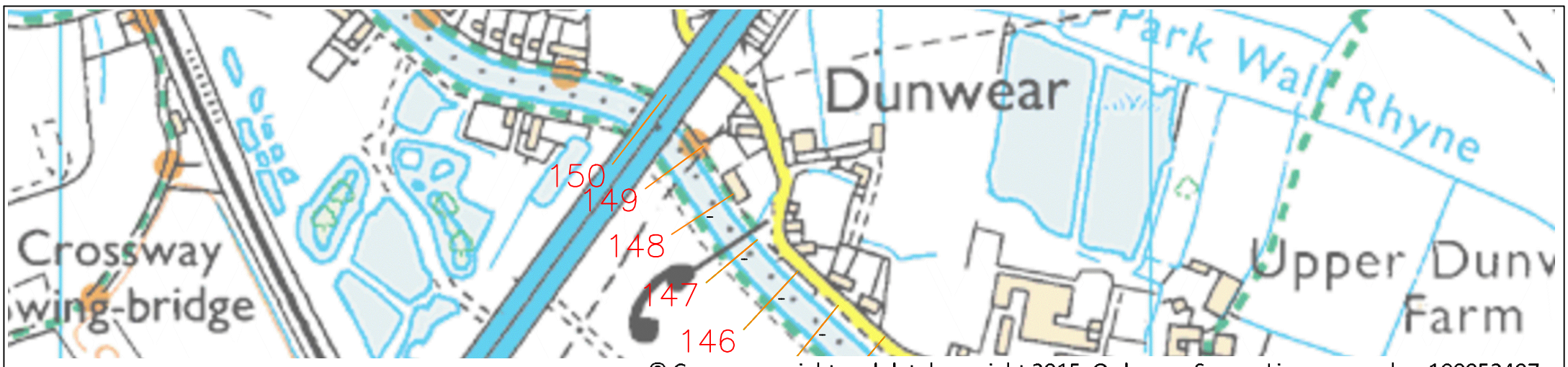
Environment:
1. Close to designated sites of environmental importance
2. Rare and protected species may be present

key:
- Silt level June 2020
- WID influence zone
- Bank gradient indicator
- Silt to be dredged
- Design water level

project:
River Parrett Dredge Northmoor to M5

title:
Design Profiles Sections P143 – P147

drawn: RK	date: June 2020
approved: IDS	issue: Consent
scale: 1:400 natural @ A3	
drg no: GD/IDB28/209	
revisions:	



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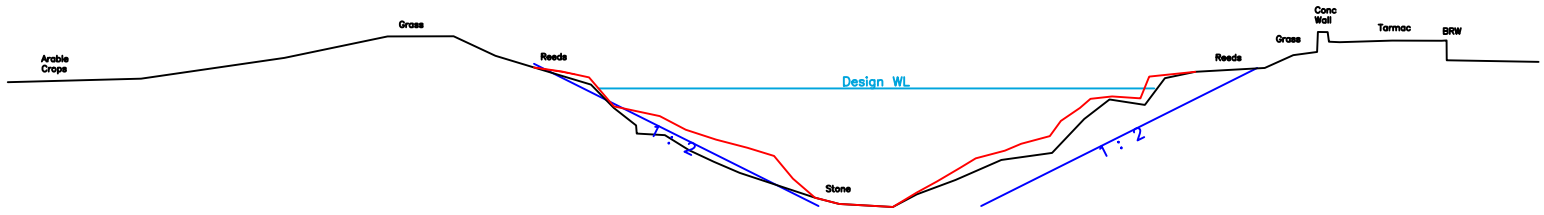

P148
Horiz. 1:100
Vert. 1:100
0.00 A.O.D.

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