

EA-South West Box 10



ENVIRONMENT
AGENCY

REVIEW OF FLOOD DEFENCE
PRACTICES ON THE SOMERSET
LEVELS AND MOORS

MAPS AND FIGURES

July 1999

REVIEW OF FLOOD DEFENCE PRACTICES ON THE SOMERSET LEVELS AND MOORS

DOCUMENT 3

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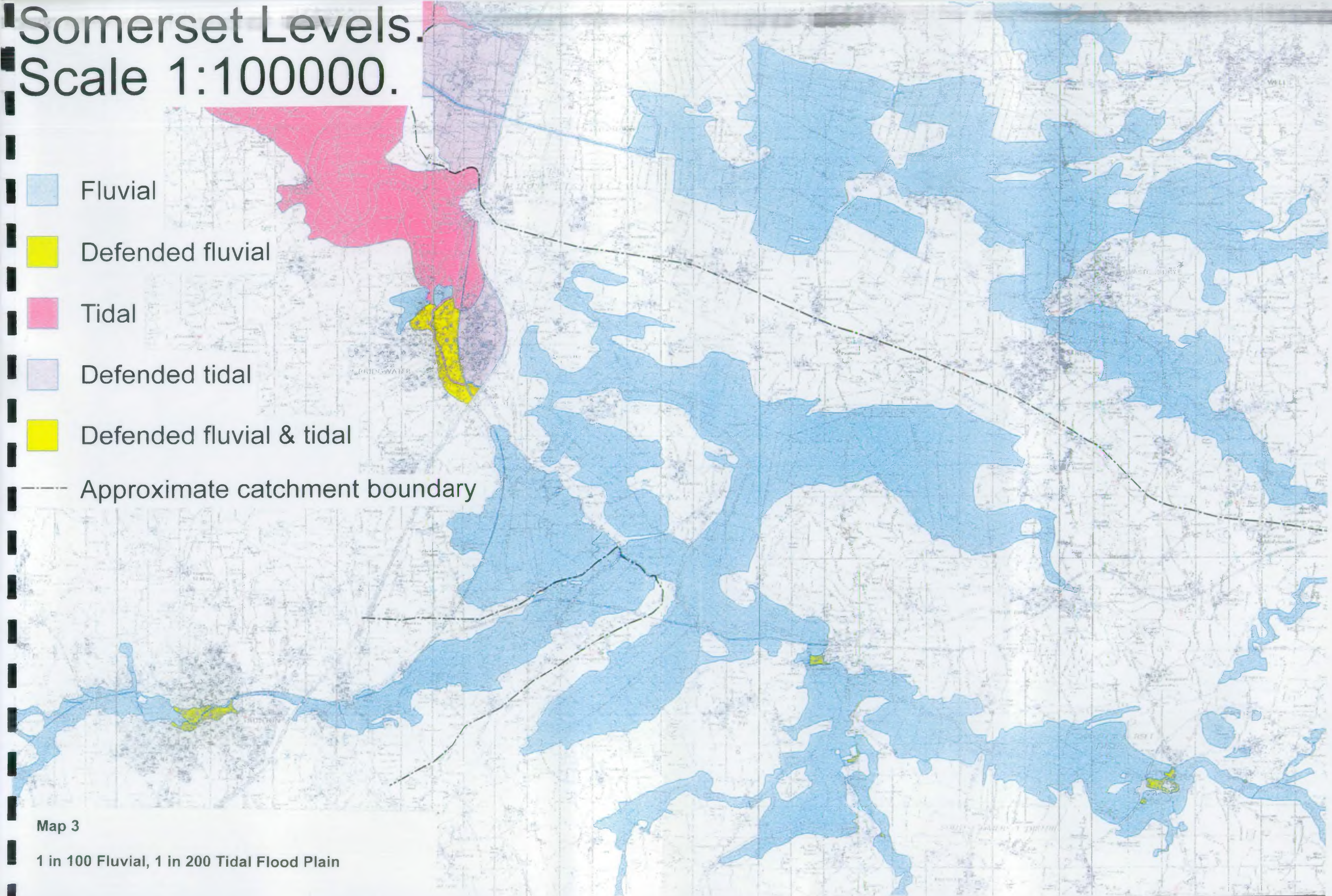


021863

Somerset Levels.

Scale 1:100000.

-  Fluvial
-  Defended fluvial
-  Tidal
-  Defended tidal
-  Defended fluvial & tidal
-  Approximate catchment boundary



Map 3

1 in 100 Fluvial, 1 in 200 Tidal Flood Plain



Figure 4.1 – The Topography Of the Somerset Catchments

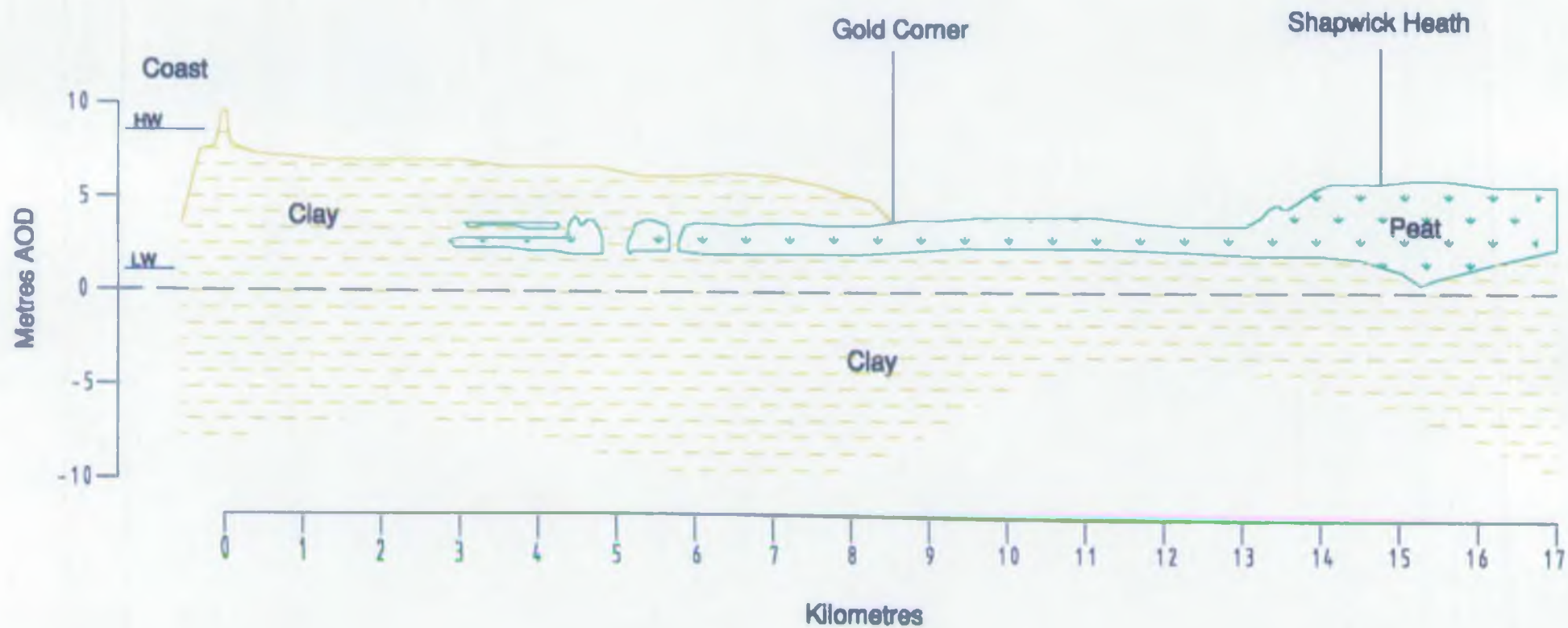


Figure 4.2
Profile of Strata on the line of the Huntspill River and South Drain

Figure 1, Calibration Event 15th -16th December 1994

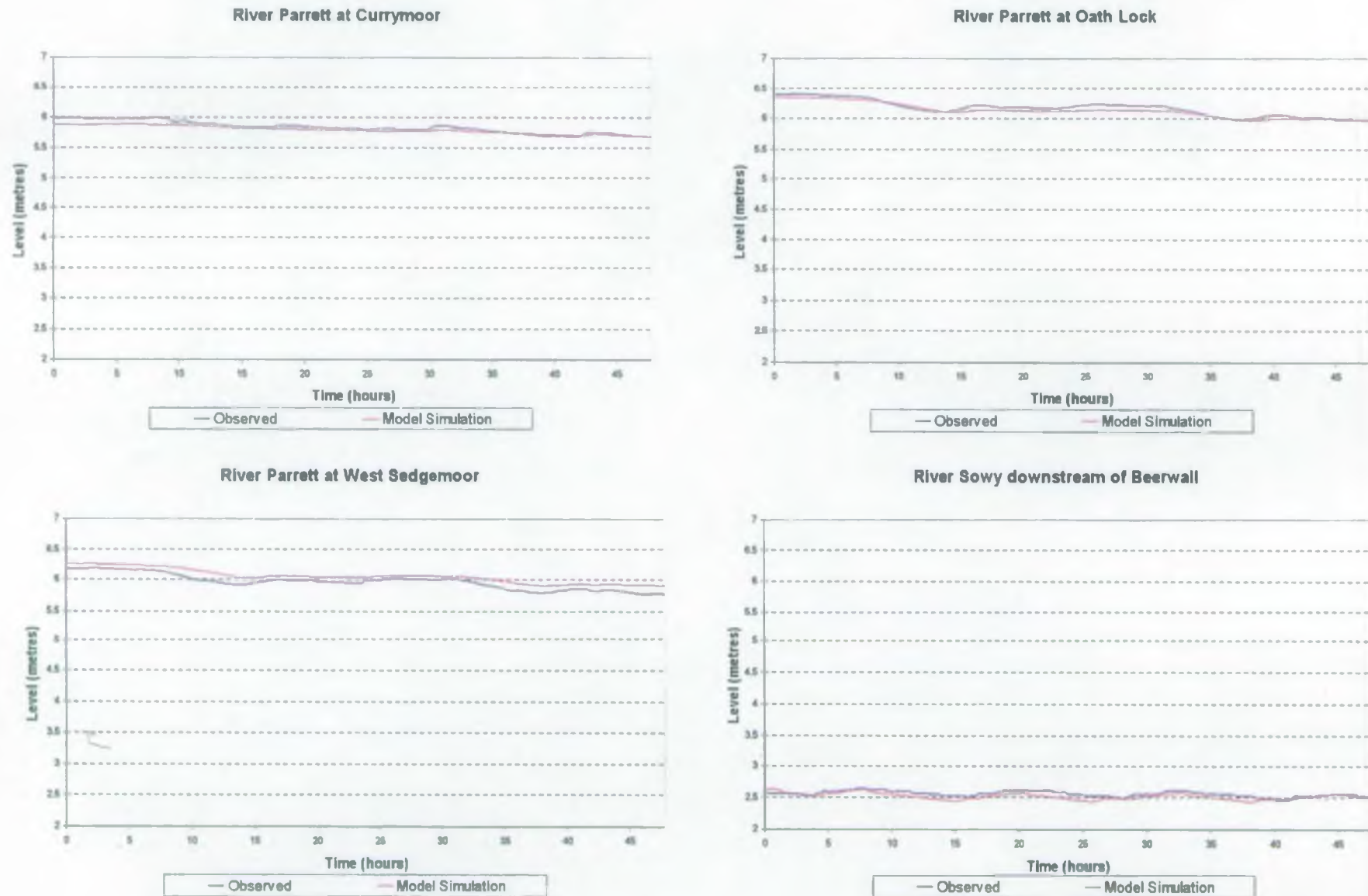


Figure 6.1

Figure 2, Calibration Event 12th-13th December 1997

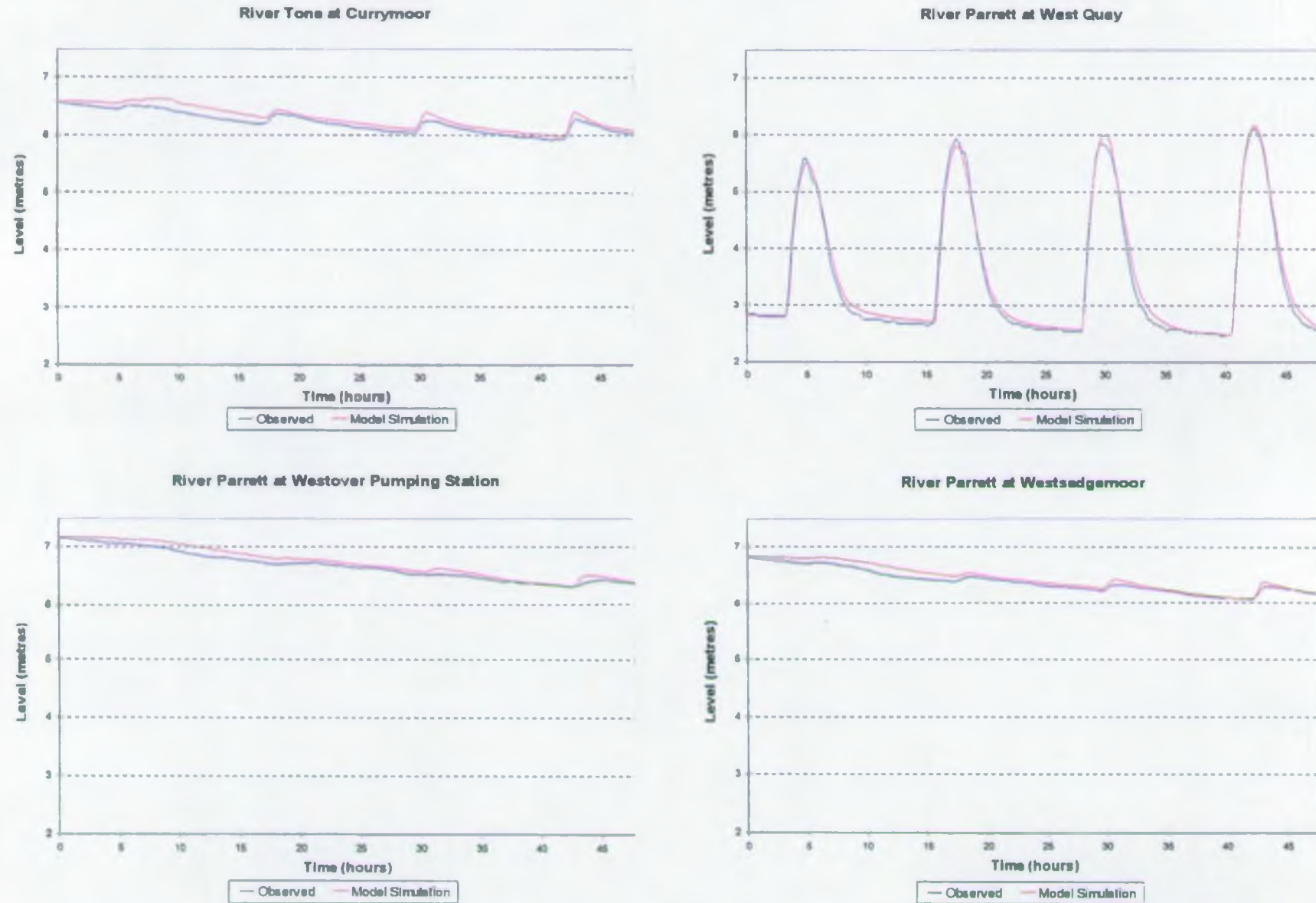


Figure 6.2

Figure 3, Effects of Raising and Lowering Spillway levels at Allermoor and Beazley

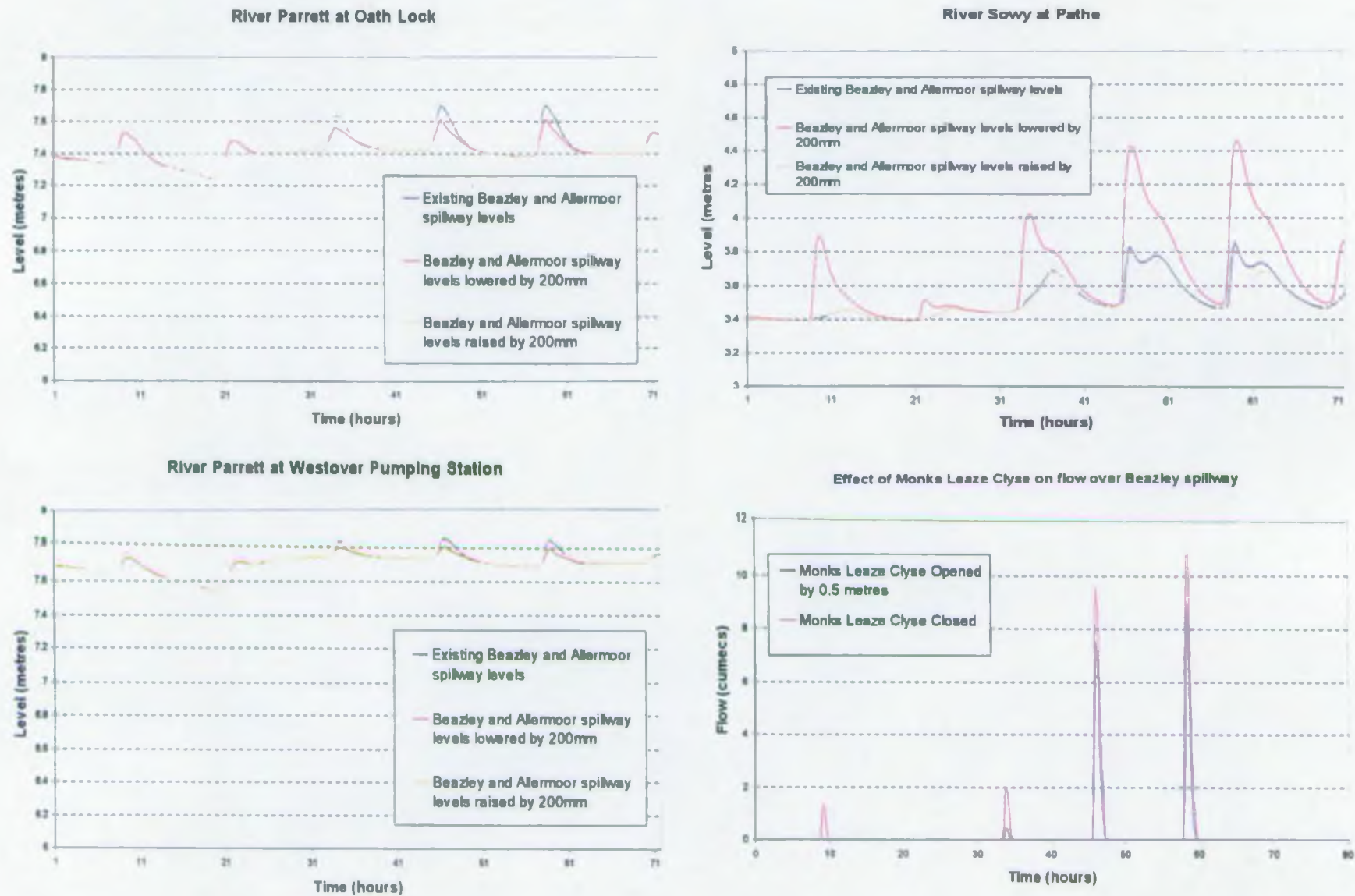
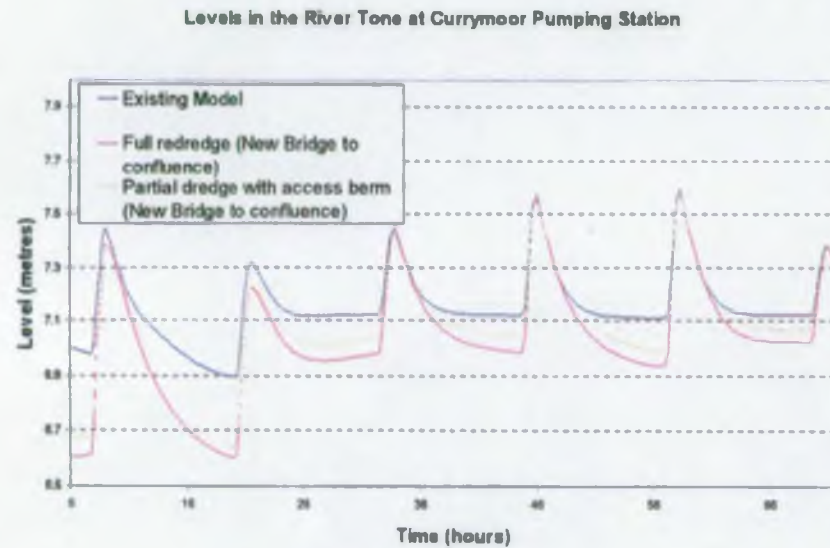
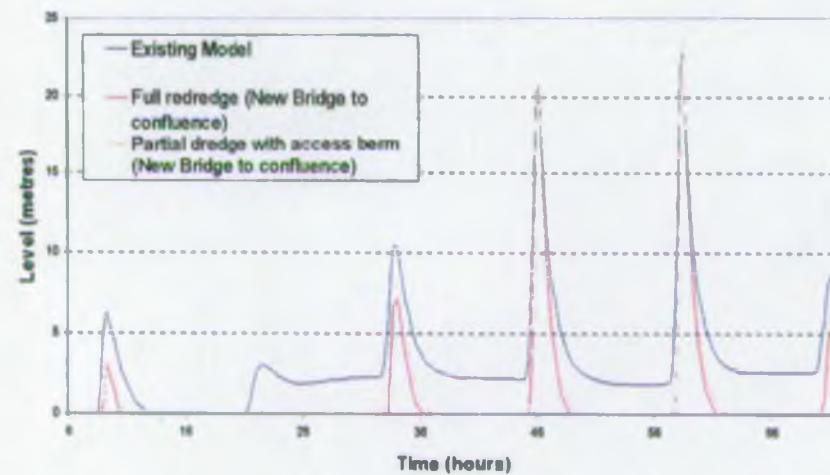


Figure 6.3

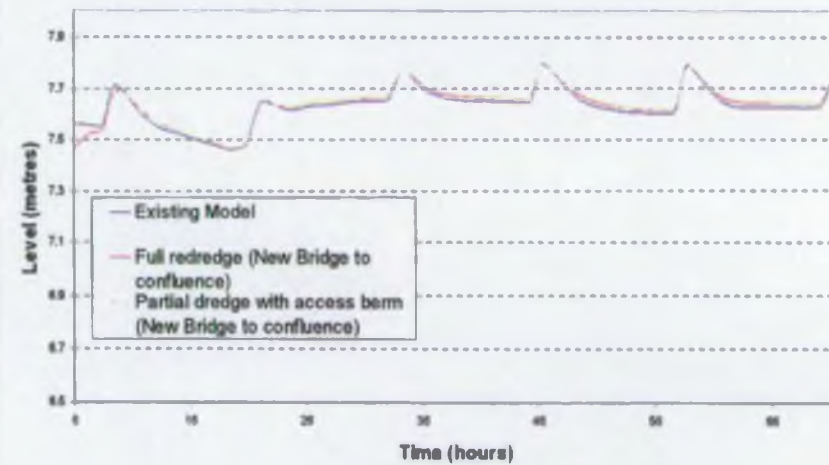
Figure 4, Effect of dredging the River Tone



Flows over Hook Spillway



Levels in the River Parrett at the offtake at Monks Leaze Ghyse



Flows in the River Tone at Currymoor Pumping Station

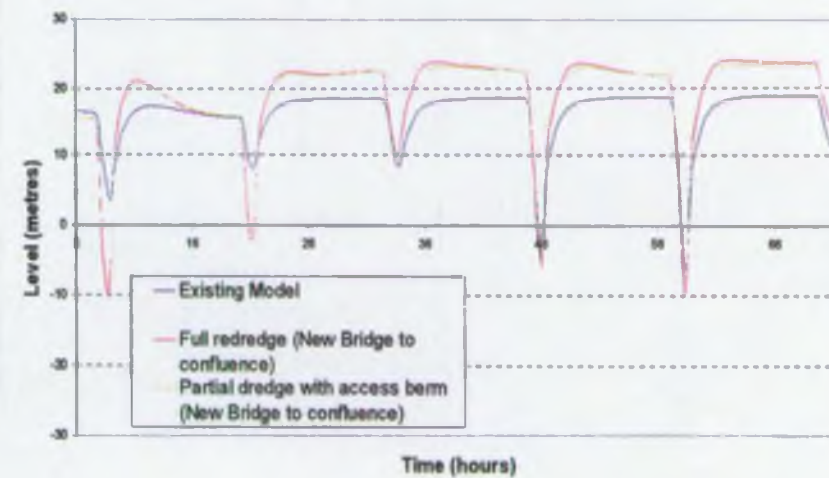


Figure 6.4

Figure 5, Effect of dredging the River Parrett

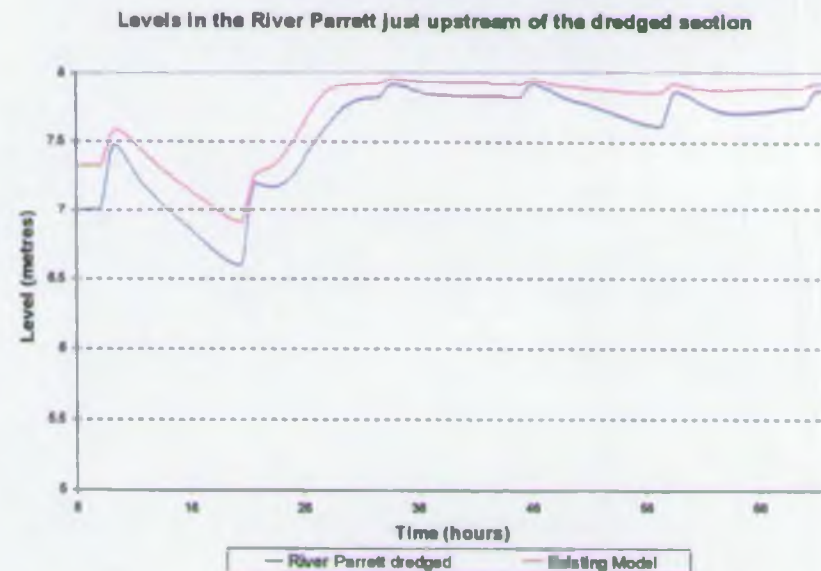
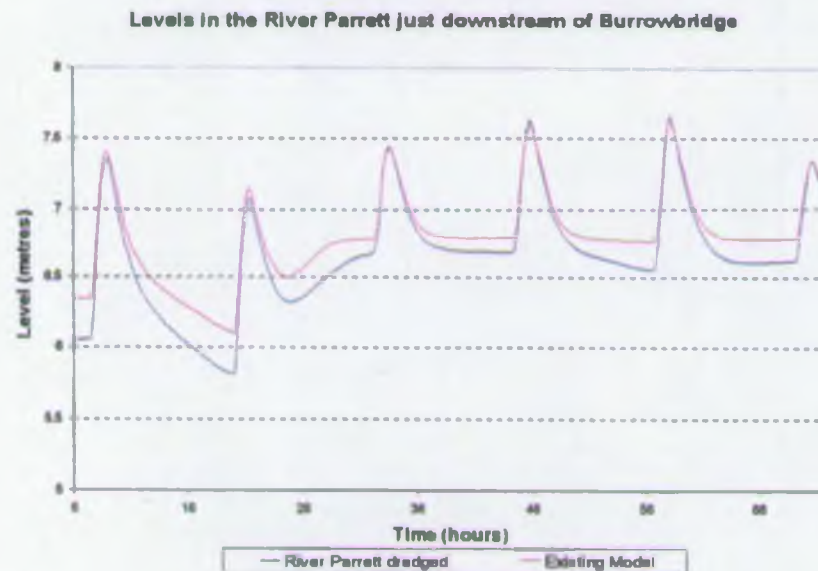
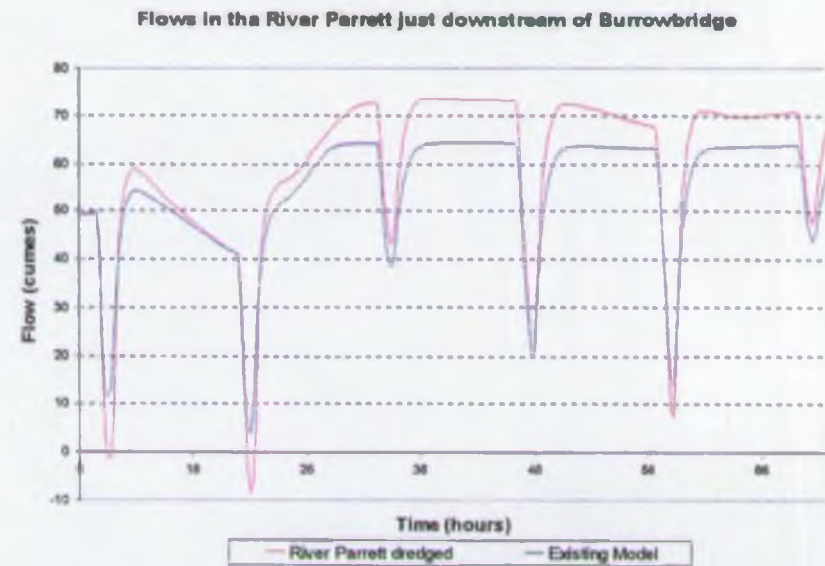
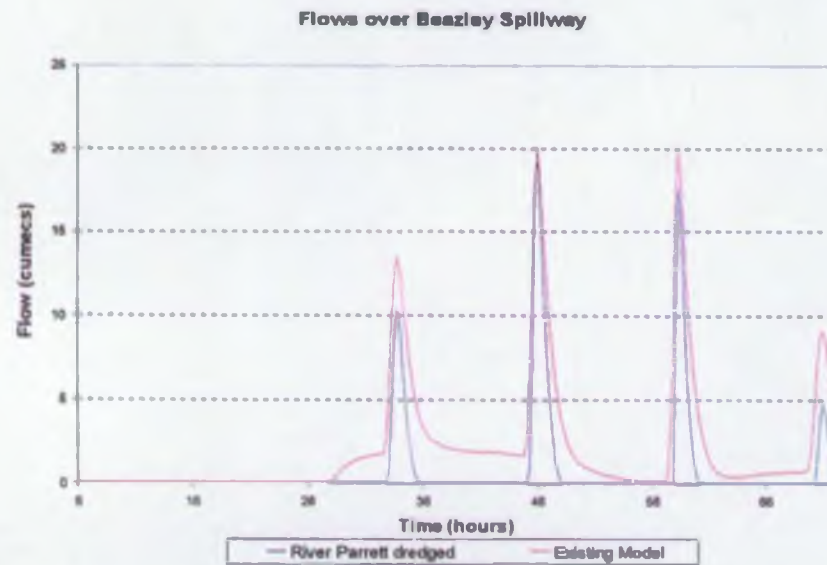


Figure 6.5

Figure 6, Effect of different openings of Dunball Sluice

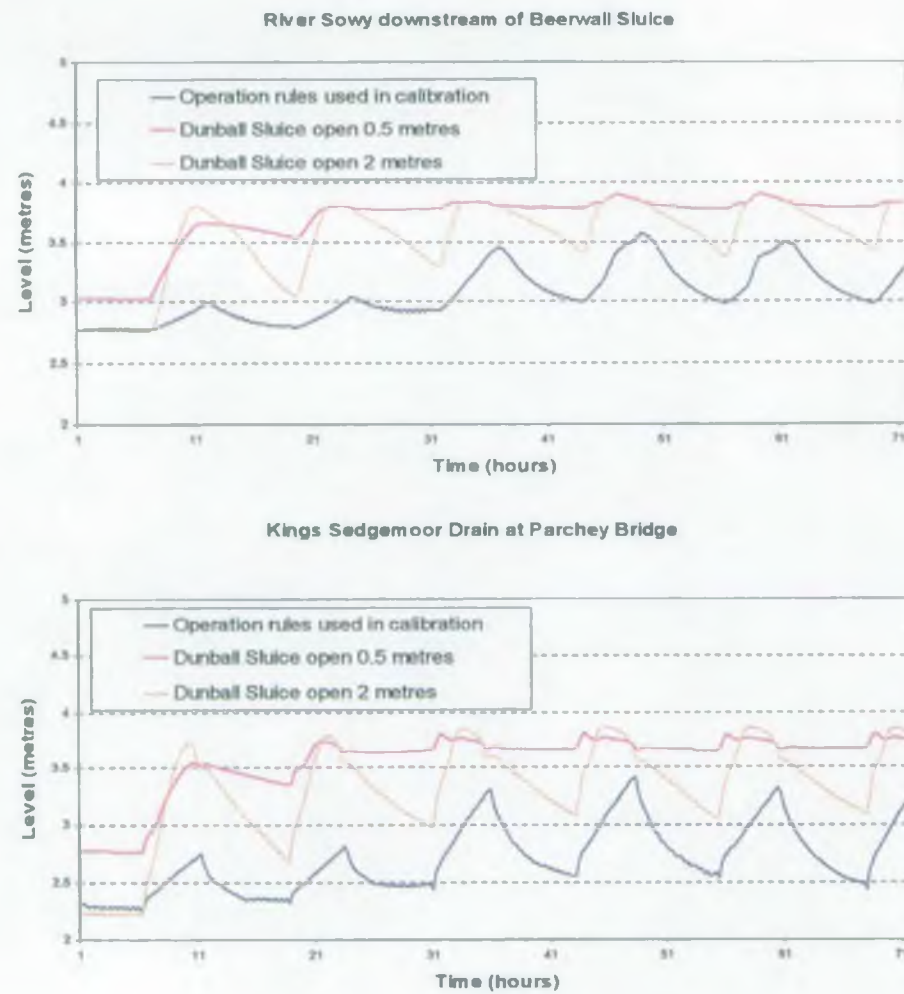


Figure 6.6

Figure 7, Effect of raising Hook Spillway by 200mm

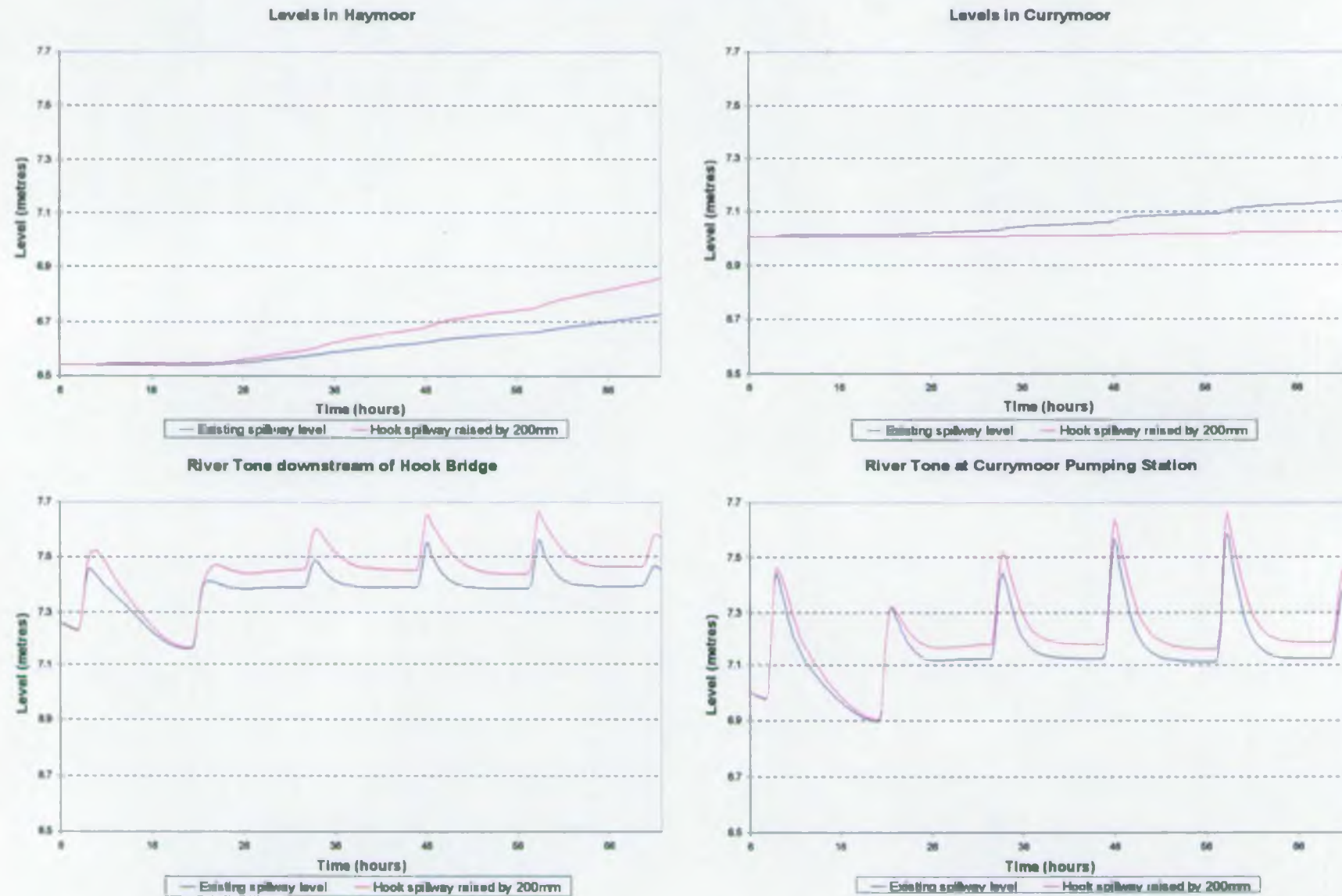


Figure 6.7

**Figure 8, Effect of different openings of Monks Leaze Clyse
on levels in the River Parrett**

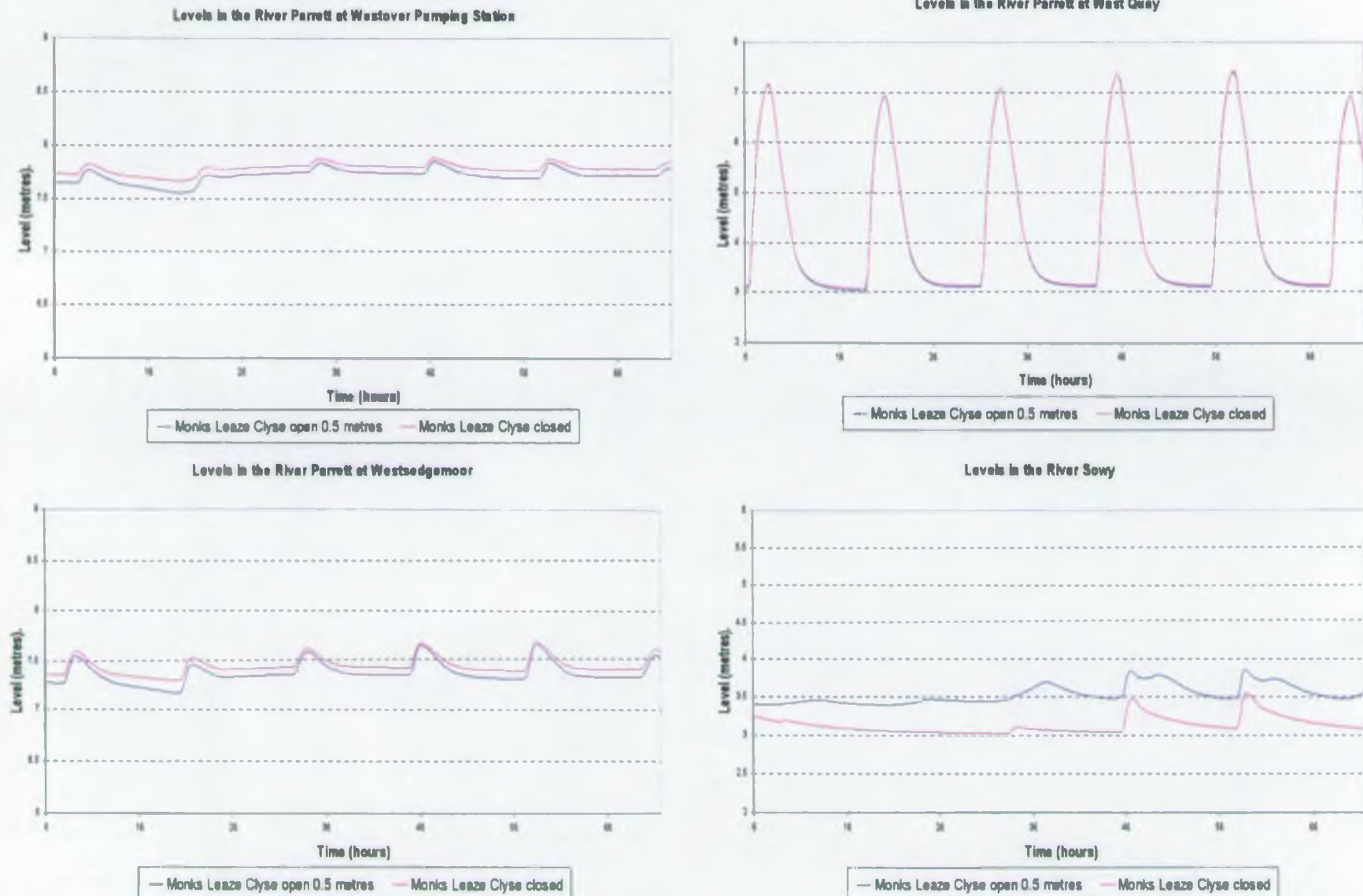


Figure 6.8



**Flooded Moors Above Langport,
Looking South Over Bow Bridge
And Westover Pumping Station**

Figure B1

Map Ref	Outfall/Control Structure	OS Grid Ref
S78	South Moor Catchwater Outfall	ST 409 231
S81	Middlemoor Bridge Flap	ST 406 223
S82	Thornay Moor Ciyee	ST 419 234
S83	Thornay Mill	ST 426 226
S84	Old River Old Inlet	ST 432 219
S85	Southmoor Inlet	ST 413 234
S86	Oxbare Inlet	ST 436 213
S118	Coombe Bridge Inlet	ST 436 217





KEY

Main Rivers:

Embanked River

Arterial River

Drain

Areas known to have flooded or to be at significant risk of flooding

Viewed Rhyme (as shown on S24 plans)

Control Structure

Weir

Pumping Station

Direction of Flow

Direction of Summer Water Supply Flow

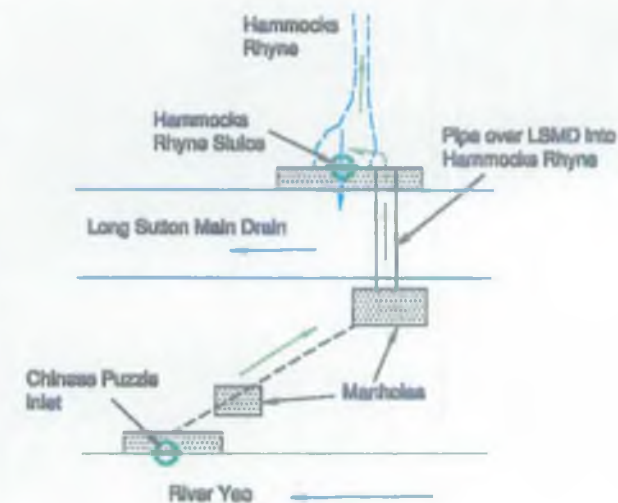
FIGURE B2

Map Ref	Outfall/Control Structure	OS Grid Ref
S57	Common Moor Sluice	ST 416 272
S58	Gas House Bridge Sluice	ST 420 266
S59	Gas House Footbridge Inlet Sluice	ST 415 266
S60	Hulsh Catchwater Bridge Control Structures	ST 424 263
S61	Blakenells Tunnel Flap	ST 426 261
S62	Water Lane Outfall Control Structures	ST 433 262
S63	HEPS and Ablake Weir/Tunnel Control Structures	ST 440 261
S64	North Barrier Sluice	ST 436 256
S65	West Haymoor Outlet	ST 446 254
S66	Whit Moor Weir	ST 444 252
S67	Eastmoor Rhyme Sluice	ST 441 250
S68	Broad Drove Penning Bay	ST 446 250
S69	Broad Drove Tilting Weir	ST 449 249
S70	Hammocks Rhyme Weir	ST 451 250
S71	Chinese Puzzle Arrangement	ST 456 249
S72	Main Lake Outfall	ST 459 249
S73	Outmoor Inlet	ST 458 248
S74	Bowmead Drove Tilting Weir	ST 455 247
S75	Balham Rhyme Inlet	ST 462 241
S76	South Barrier Bank Sluice	ST 424 244
S129	Wickmoor Inlet	ST 415 270
S130	Haymoor Inlet	ST 426 250

KEY

Main Rivers:

- Embanked River
- Arterial River
- Drain
- - - Viewed Rhyme (as shown on S24 plans)
- Area known to have flooded or to be at significant risk of flooding
- Embankments and Causeways
- Control Structure
- Weir
- ▲ Pumping Station
- Direction of Flow
- Direction of Summer Water Supply Flow



DETAIL B



DETAIL A

FIGURE B3

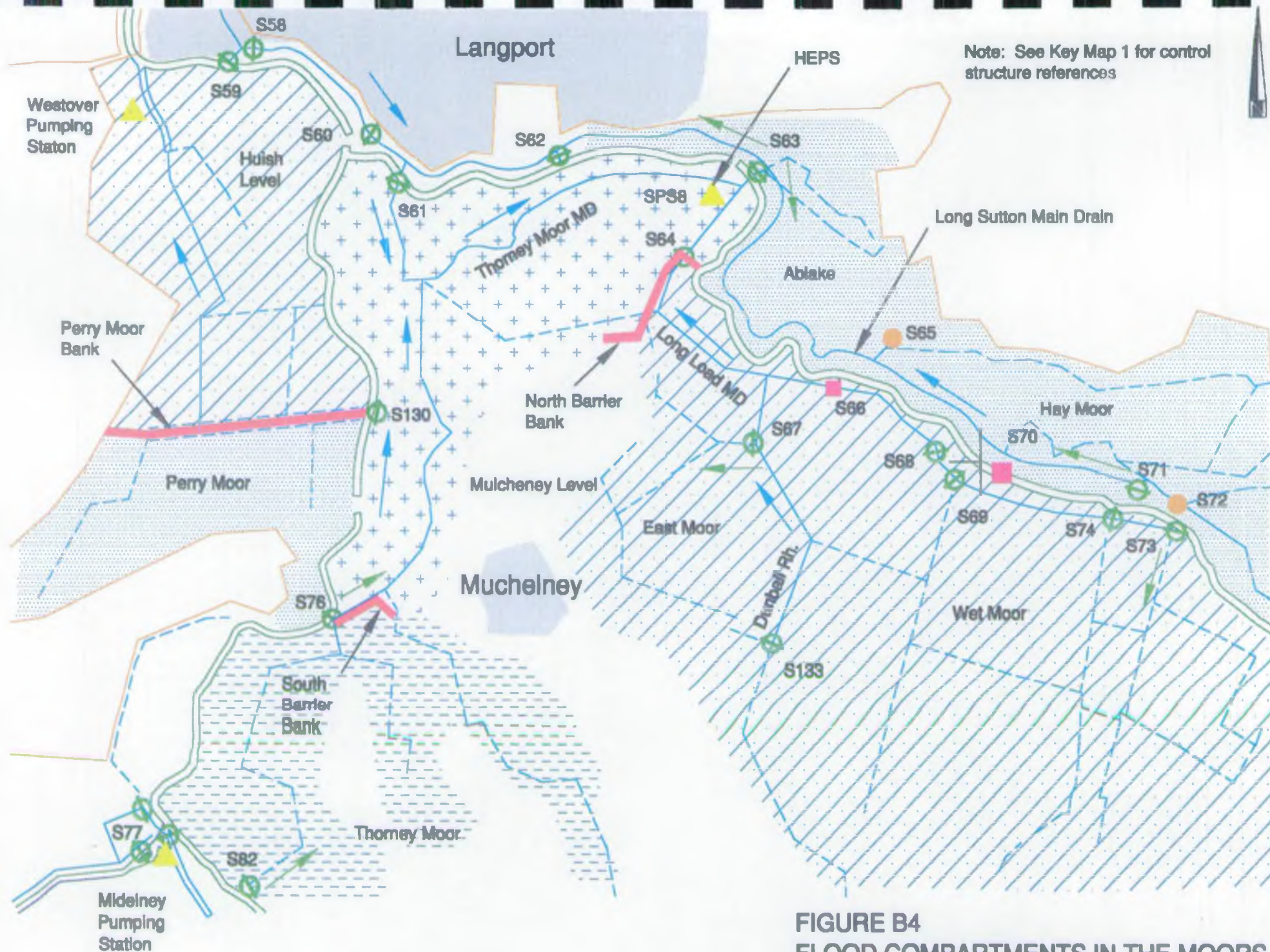


FIGURE B4
FLOOD COMPARTMENTS IN THE MOORS
UPSTREAM OF LANGPORT

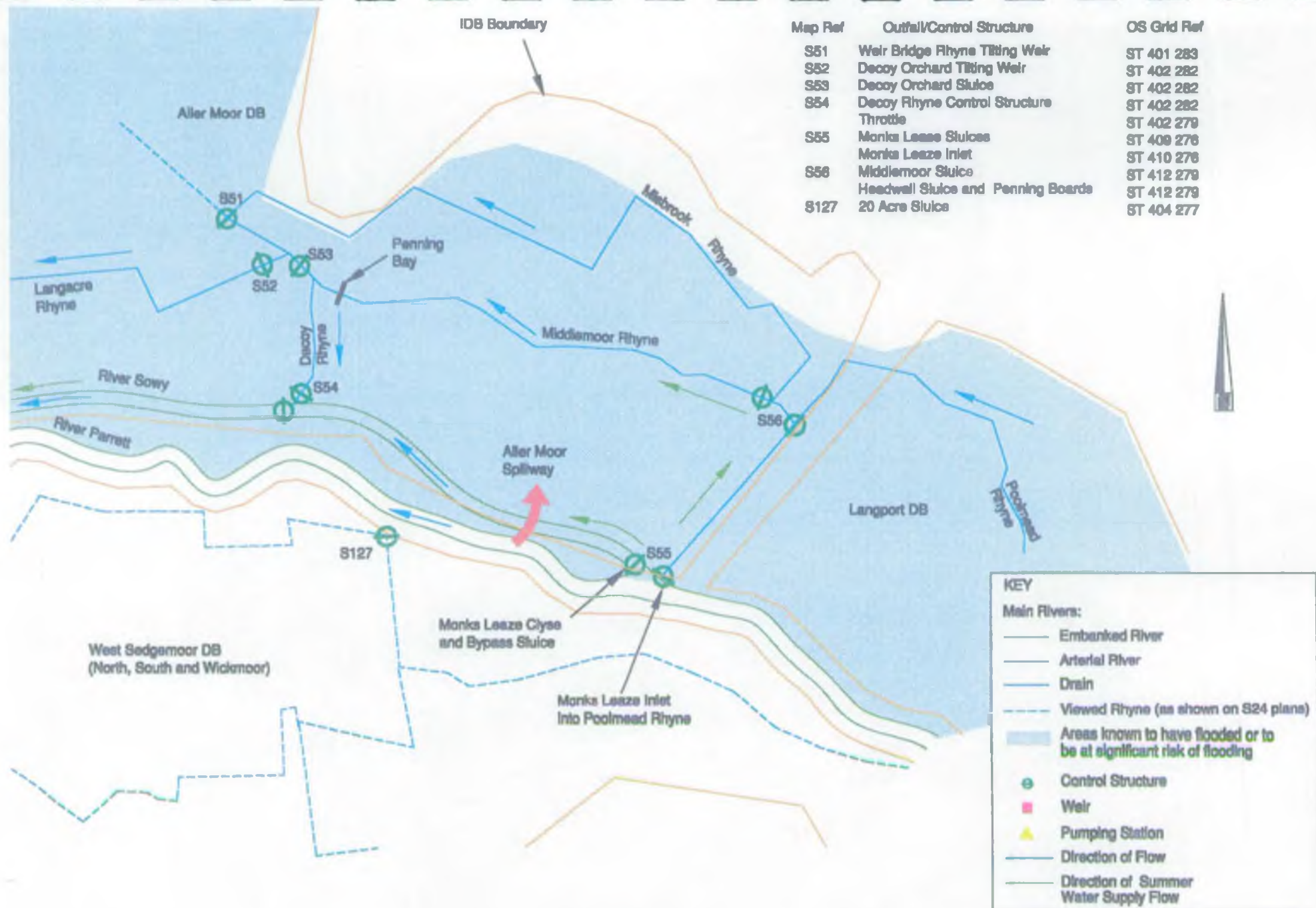


FIGURE C1
MONKS LEAZE CLYSE INLET TO THE SOWY RIVER

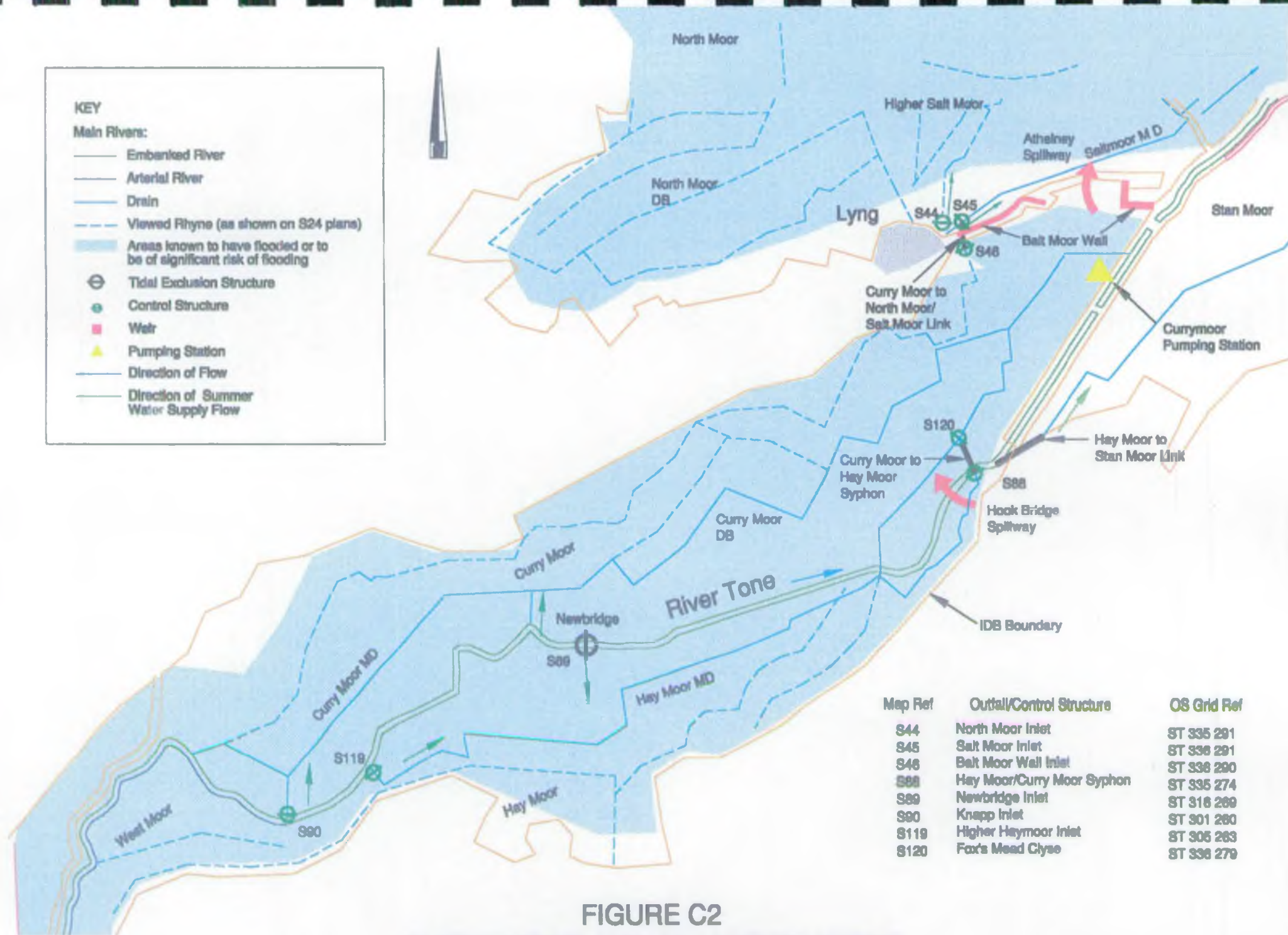


FIGURE C2
CURRY MOOR AND ADJACENT MOORS

Map Ref	Outfall/Control Structure	OS Grid Ref
N41	Brick House Sluice	ST 380 452
N49	North Drain Gravity Outfall	ST 400 448
N62	Gold Corner Sluice	ST 367 432
N63	Shaking Drove Tilting Weir	ST 368 432
N64	Decoy Rhyne	ST 369 430
N65	West Burtle Rhyne Sluice	ST 374 430
N66	Cossington Manor Rhyne	ST 374 429
N67	Chilton Railway Sluice	ST 365 428
N68	Chilton Cottage Sluice	ST 364 427
N69	Burtle Rhyne Sluice	ST 367 428
N70	Chilton Landshire Rhyne Sluice	ST 367 427
N72	Long Moor Drove Sluice	ST 359 433
	Gold Corner Drove Sluice	
N73	Pyde Sluice	ST 359 431
N74	Gold Corner South Sluice	ST 366 430
N75	Whichey Drove West Sluice	ST 367 430
	Whichey Drove East Sluice	
N80	Cripps Sluice	ST 381 450

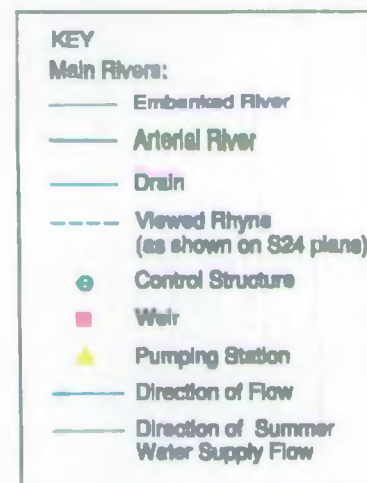
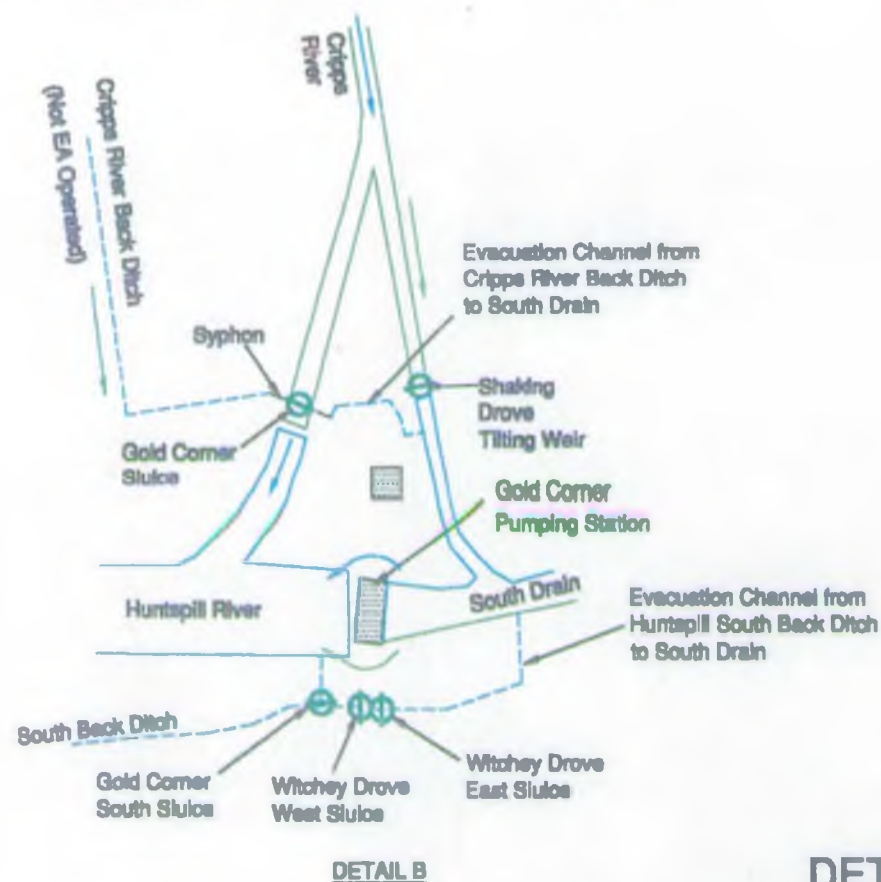


FIGURE D1
DETAILS AT GOLD CORNER AND
NORTH DRAIN PUMPING STATION

BRADSHAW WEEDCUTTING AND TRACTOR FLAILING

No Floodbanks

Specification "A"

Notes:

a) If access is possible on both banks, working bank to alternate each weedcut.

b) Flail working bank once/year if not grazed, prior to weedcut.

c) Bradshaw submerged weed and emergent vegetation on both banks, however retain some emergent vegetation at the waters edge on the non-working bank if it's not encroaching across the channel.

d) Cut weed to be deposited on the Non working bank where machine reach permits.

Working Bank

BEFORE



Working Bank

AFTER



REV002 WEDCUT2A/22/4/94

Figure F1

BRADSHAW WEEDCUTTING AND TRACTOR FLAILING

No Floodbanks

Specification "B"

Notes:

a) If access is possible on both banks, working bank to alternate each weedcut.

b) Flail working bank once/year if not grazed, prior to weedcut.

c) Bradshaw submerged weed and emergent vegetation on working bank only.

Retain emergent vegetation on the non-working bank. Only trim with Bradshaw if encroaching across the channel.

d) Cut weed to be deposited on the Non working bank where machine reach permits.

Working Bank

BEFORE



Working Bank

AFTER



REV002 WEEDCUT2B/22/4/04

Figure F2

BRADSHAW WEEDCUTTING AND TRACTOR FLAILING

No Floodbanks

Specification "C"

Notes:

- a) If access is possible on both banks, working bank to alternate each weedcut.
- b) Flail top of working bank once/year if not grazed, prior to weedcut.
- c) Bradshaw 80% of submerged weed only.

Retain emergent vegetation at waters edge on working bank.

Retain submerged weed at waters edge on working bank by lifting bucket vertically.

- d) Cut weed to be deposited on the Non working bank where machine reach permits.

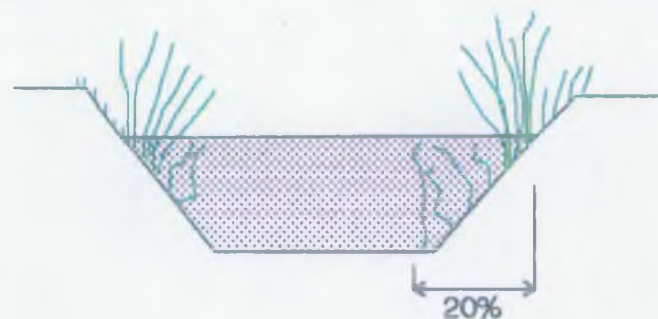
Working Bank

BEFORE



Working Bank

AFTER



REV002 WEEDCU T2C/22/4/94

Figure F3

BRADSHAW WEEDCUTTING AND TRACTOR FLAILING

No Floodbanks

Specification "D"

Notes:

- a) If access is possible on both banks, working bank to alternate each weedcut.
- b) Flail top of working bank once/year if not grazed, prior to weedcut.

- c) Bradshaw submerged weed only.

Retain emergent vegetation at waters edge on both banks.

Only trim if encroaching across the channel.

- d) Cut weed to be deposited on the Non working bank where machine reach permits.

Working Bank

BEFORE



Working Bank

AFTER



REV002 WEEDCUTTED/28/1/94

Figure F4

BRADSHAW WEEDCUTTING AND TRACTOR FLAILING

No Floodbanks Specification "E"

Notes:

- a) If access is possible on both banks, bradshaw working bank to alternate each weedcut.
- b) Flail each bank once/year, if not grazed, prior to weedcut.
- c) Bradshaw submerged weed and emergent vegetation on both banks.
- d) Cut weed to be deposited on the Non working bank where machine reach permits.

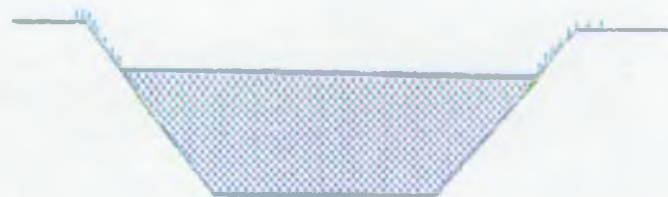
Working Bank

BEFORE



Working Bank

AFTER



REV 002 WEEDCUTTING/BRADSHAW

Figure F5

BRADSHAW WEEDCUTTING

No Floodbanks

Specification "F"

Notes:

- a) If access is possible on both banks, working bank to alternate each weedcut.
- b) Do not Flail either bank.
- c) Bradshaw submerged weed only.
- Retain emergent vegetation at waters edge on both banks.
- Only trim if encroaching across the channel.
- d) Cut weed to be deposited on the Non working bank where machine reach permits.

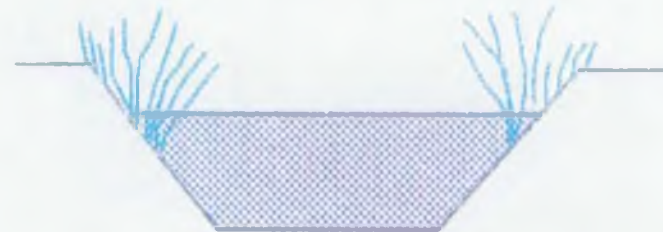
Working Bank

BEFORE



Working Bank

AFTER



REV 002 WEED CUTTING 20/4/04

Figure F6

BRADSHAW WEEDCUTTING AND TRACTOR FLAILING

Raised Floodbanks

Specification "K"

Notes:

- If Bradshaw access is possible on both banks, working bank to alternate each weedcut.
- Flail once/year prior to weedcut
Bradshaw working bank to water line
and Non working bank to field level
if not grazed.
Retain long grass to water line.
- Bradshaw submerged weed
and emergent vegetation on
working bank only, retain
emergent vegetation at waters
edges on the non-working
bank, only trim with
Bradshaw if encroaching
across the channel.
- Cut weed to be deposited
on the Non working bank
where machine reach permits.

Bradshaw
Working Bank

BEFORE



Bradshaw
Working Bank

AFTER



REV001 WEEDCUT1K92/H/04

Figure F7

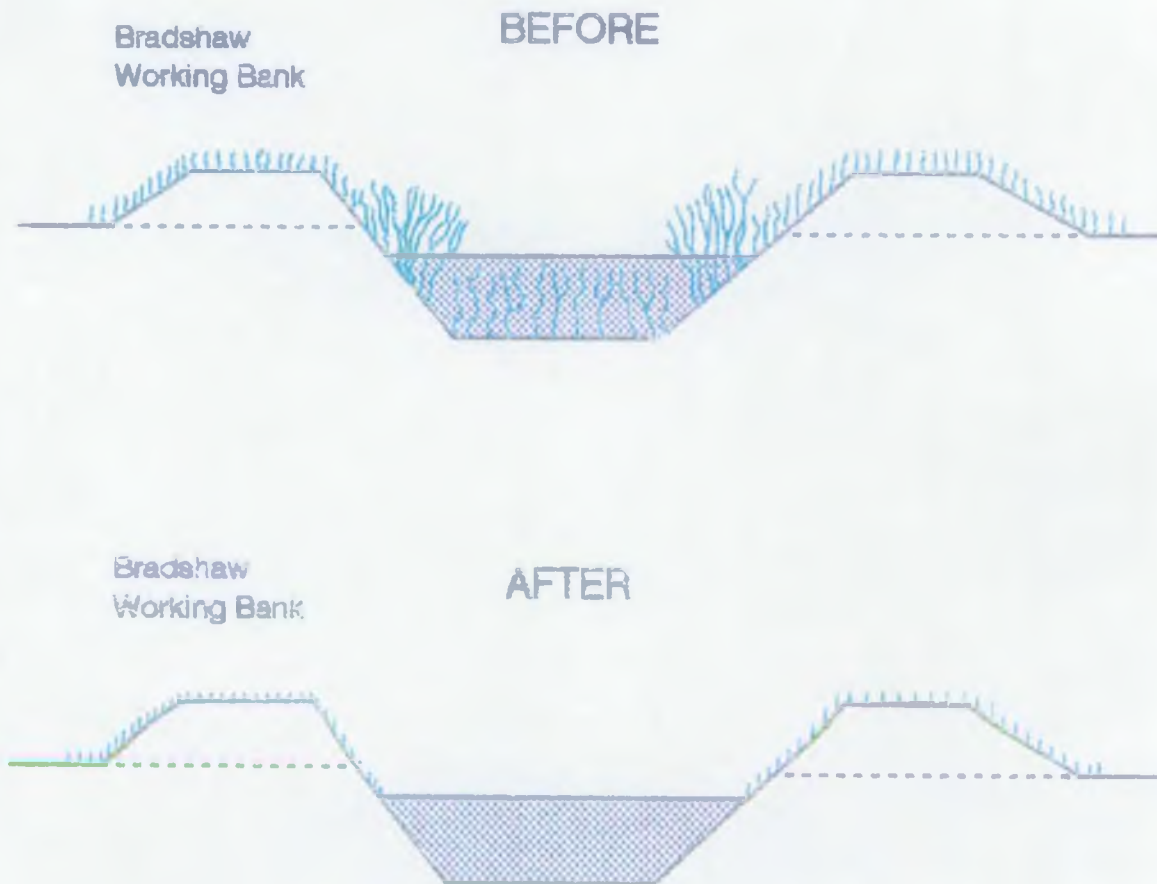
BRADSHAW WEEDCUTTING AND TRACTOR FLAILING

Raised Floodbanks

Specification "L"

Notes:

- a) If Bradshaw access is possible on both banks, working bank to alternate each weedcut.
- b) Flail each bank once/year prior to weedcut if not grazed.
- c) Bradshaw submerged weed and emergent vegetation on both banks.
- d) Cut weed to be deposited on the Non working bank where machine reach permits.



REV001 WEEDCUTL09/154

Figure F8

TRACTOR FLAILING

Raised Floodbanks

Specification "R"

Notes:

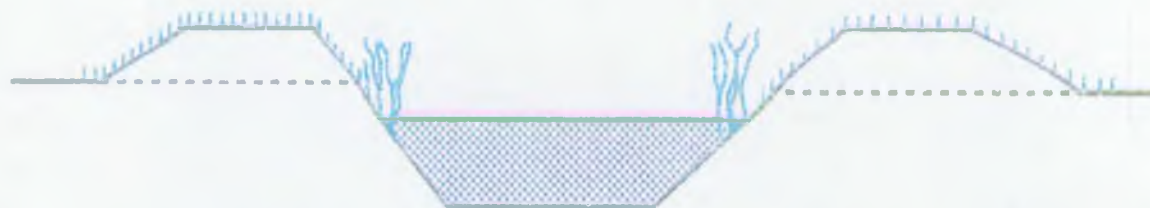
a) Flail each floodbank once/year if not grazed, on riverside to field level only.

Retain emergent weeds at
waters edge.

BEFORE



AFTER



REV001 FLAIL 19/02/04

Figure F9

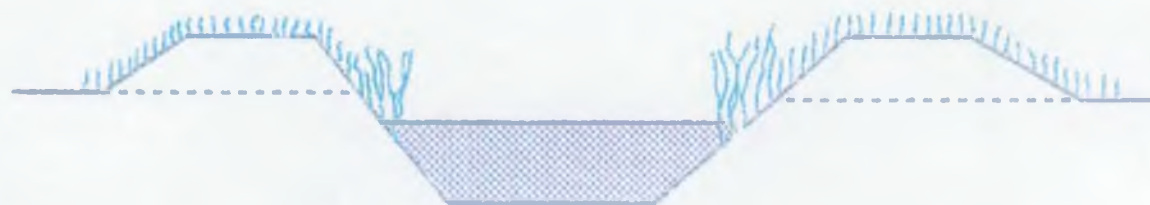
TRACTOR FLAILING

Raised Floodbanks Specification "S"

Notes:

- a) Flail each floodbank and emergent weeds once/year if not grazed.

BEFORE



AFTER



REV001 FLAIL 10/02/KJK

Figure F10

TRACTOR FLAILING

No Floodbanks

Specification "T"

Notes:

a) Where access is possible,
flail each bank once/year,
if not grazed.

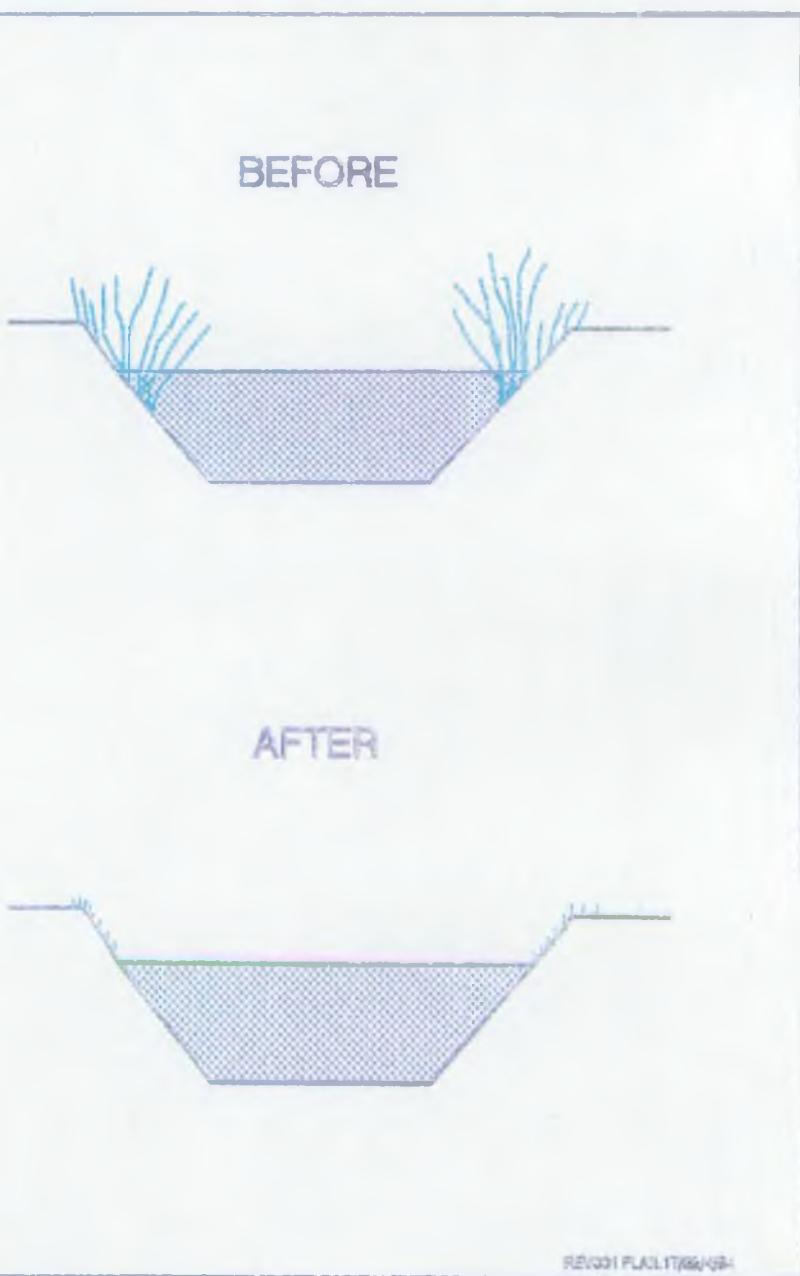
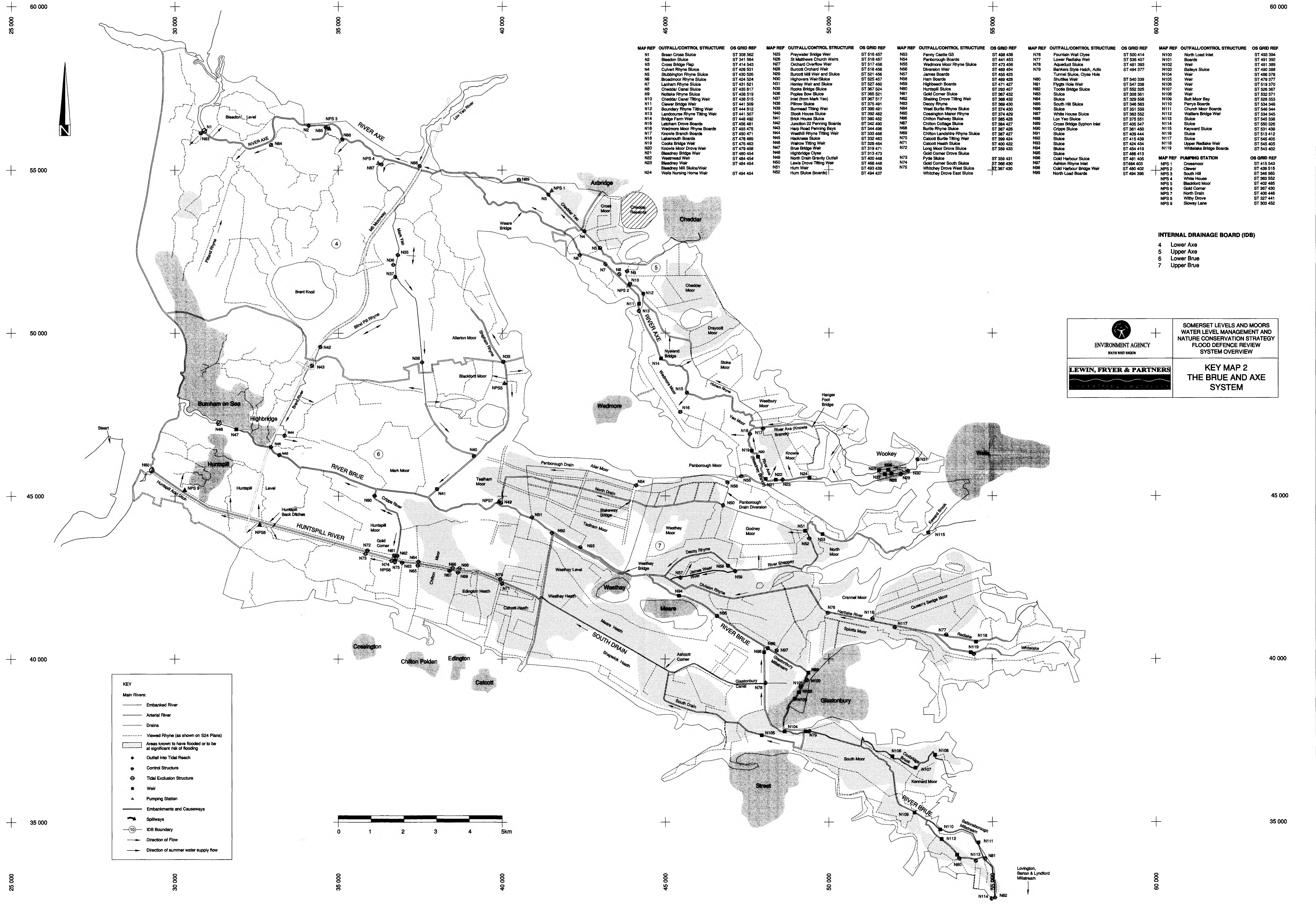



Figure F11

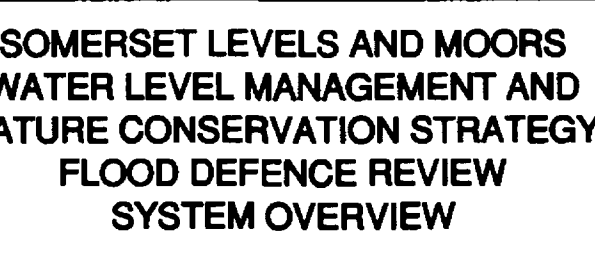


MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF	MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF	MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF	MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF	MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF
N1	Breen Cross Sluice	ST 308 562	N25	Praywater Bridge Weir	ST 516 457	N63	Fenny Castle GS	ST 489 438	N76	Fountain Wall Clyse	ST 500 414	N100	North Load Inlet	ST 483 384
N2	Bleaden Sluice	ST 341 594	N26	St Matthews Church Weirs	ST 518 457	N64	Parborough Boards	ST 441 453	N77	Lower Radlake Weir	ST 536 407	N101	Boards	ST 491 392
N3	Cross Bridge Flap	ST 414 543	N27	Orchard Overflow Weir	ST 517 456	N65	Wedmore Moor Rhyne Sluice	ST 473 456	N78	Aqueduct Sluice	ST 473 456	N102	Weir	ST 491 389
N4	Culvert Rhyne Sluice	ST 428 531	N28	Burcott Orchard Weir	ST 518 456	N66	Diversion Weir	ST 469 454	N79	Bankers Style Hatch, Actis	ST 494 377	N103	Wells Sluice	ST 490 388
N5	Subington Rhyne Sluice	ST 530 526	N29	Burcott Mill Weir and Sluice	ST 521 455	N67	James Boards	ST 455 425	N80	Tunnel Sluice, Clyse Hole	ST 469 428	N104	Weir	ST 498 378
N6	Broadmoor Rhyne Sluice	ST 424 524	N30	Highovers Weir/Sluice	ST 525 457	N68	Ham Boards	ST 469 428	N81	Pyggs Hole Weir	ST 540 339	N105	Weir	ST 479 377
N7	Cheddar Canal Sluice	ST 431 521	N31	Honley Weir and Sluice	ST 527 450	N69	Highbeech Boards	ST 471 427	N82	Pyggs Hole Weir	ST 547 338	N106	Weir	ST 519 370
N8	Cheddar Canal Sluice	ST 435 517	N32	Ropes Bridge Sluice	ST 367 524	N70	Huntbott Sluice	ST 363 457	N83	Tunnel Sluice	ST 552 325	N107	Weir	ST 526 367
N9	Notlake Rhyne Sluice	ST 438 519	N33	Pogles Bow Sluice	ST 365 521	N71	Gold Corner Sluice	ST 367 432	N84	Sluice	ST 308 561	N108	Weir	ST 532 371
N10	Cheddar Canal Tilling Weir	ST 438 515	N34	Inlet (from Mark Yeo)	ST 367 517	N72	Shaking Drove Tilling Weir	ST 368 432	N85	South Hill Sluice	ST 329 558	N109	Butt Moor Bay	ST 528 353
N11	Clewer Bridge Weir	ST 441 520	N35	Pittor Sluice	ST 375 481	N73	Decoy Rhyne	ST 369 430	N86	Sluice	ST 346 563	N110	Penny Boards	ST 534 348
N12	Boundary Rhyne Tilling Weir	ST 444 512	N36	Burmead Tilling Weir	ST 399 491	N74	West Burtle Rhyne Sluice	ST 374 430	N87	White House Sluice	ST 351 559	N111	Church Moor Boards	ST 546 344
N13	Landcourse Rhyne Tilling Weir	ST 441 507	N37	Stook House Sluice	ST 392 482	N75	Cearington Manor Rhyne	ST 374 429	N88	Sluice	ST 363 552	N112	Waller's Bridge Weir	ST 534 345
N14	Bridge Farm Weir	ST 448 492	N38	Brick House Sluice	ST 380 455	N76	Chilton Railway Sluice	ST 385 428	N89	Lox Yeo Sluice	ST 375 551	N113	Sluice	ST 545 338
N15	Latham Drove Boards	ST 456 481	N39	Harp Road Penning Boards	ST 342 490	N77	Chilton Cottage Sluice	ST 384 427	N90	Cross Bridge Syphon Inlet	ST 405 547	N114	Sluice	ST 550 326
N16	Wedmore Moor Rhyne Boards	ST 455 475	N40	Ward Road Penning Boards	ST 344 496	N78	Burtle Rhyne Sluice	ST 387 428	N91	Crispe Sluice	ST 361 450	N115	Sluice	ST 531 438
N17	Knowle Branch Boards	ST 450 471	N41	Westhill Rhyne Tilling Weir	ST 333 468	N79	Chilton Landfill Rhyne Sluice	ST 387 427	N92	Sluice	ST 429 444	N116	Sluice	ST 518 412
N18	Lakemouth Boards	ST 476 469	N42	Hackness Sluice	ST 332 463	N80	Catcott Tilling Weir	ST 399 424	N93	Sluice	ST 415 439	N117	Sluice	ST 545 405
N19	Cooks Bridge Weir	ST 476 463	N43	Wallow Tilling Weir	ST 329 464	N81	Long Moor Drove Sluice	ST 400 422	N94	Sluice	ST 424 434	N118	Upper Radlake Weir	ST 545 405
N20	Blue Bridge Weir	ST 479 458	N44	Blue Bridge Weir	ST 319 471	N82	Pyde Sluice	ST 388 433	N95	Sluice	ST 454 419	N119	Whitlake Bridge Boards	ST 545 402
N21	Bleaden Weir	ST 480 454	N45	Highbridge Clyse	ST 313 473	N83	Gold Corner South Sluice	ST 359 431	N96	Cold Harbour Sluice	ST 481 405	N120	Sluice	ST 415 543
N22	Westmead Weir	ST 484 454	N46	North Drain Gravity Outfall	ST 400 448	N84	Gold Corner West Sluice	ST 388 430	N97	Ashton Rhyne Inlet	ST 484 403	N121	Crossmoor	ST 439 515
N23	Bleaden Weir	ST 484 454	N47	Lewitt Drove Tilling Weir	ST 468 446	N85	Whitchey Drove West Sluice	ST 480 402	N98	Cold Harbour Bridge Weir	ST 480 402	N122	South Hill	ST 348 565
N24	Bleaden Mill Sluice/Weir	ST 494 454	N48	Hum Weir	ST 493 438	N86	Whitchey Drove East Sluice	ST 387 430	N99	North Load Boards	ST 494 396	N123	Blackford Moor	ST 365 552
			N49	Hum Sluice (boards)	ST 494 437	N87						N124	Gold Corner	ST 402 485
			N50			N88						N125	North Drain	ST 367 430
			N51			N89						N126	Witty Drove	ST 400 448
			N52			N90						N127	Witty Lane	ST 327 441
						N91						N128	Sluice	ST 303 452


INTERNAL DRAINAGE BOARD (IDB)
4 Lower Axe
5 Upper Axe
6 Lower Brue
7 Upper Brue



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SOMERSET WEST REGION



SOMERSET LEVELS AND MOORS
WATER LEVEL MANAGEMENT AND
NATURE CONSERVATION STRATEGY
FLOOD DEFENCE REVIEW
SYSTEM OVERVIEW



LEWIN, FRYER & PARTNERS
CONSULTING ENGINEERS

KEY MAP 2
THE BRUE AND AXE
SYSTEM

KEY

Main Rivers:

- Embanked River
- Arterial River
- Drains
- Viewed Rhyne (as shown on S24 Plans)
- Areas known to have flooded or to be at significant risk of flooding

● Outfall into Tidal Reach

○ Control Structure

■ Tidal Exclusion Structure

▴ Weir

▲ Pumping Station

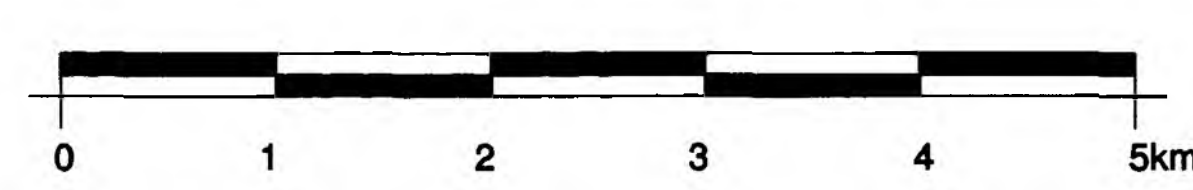
— Embankments and Causeways

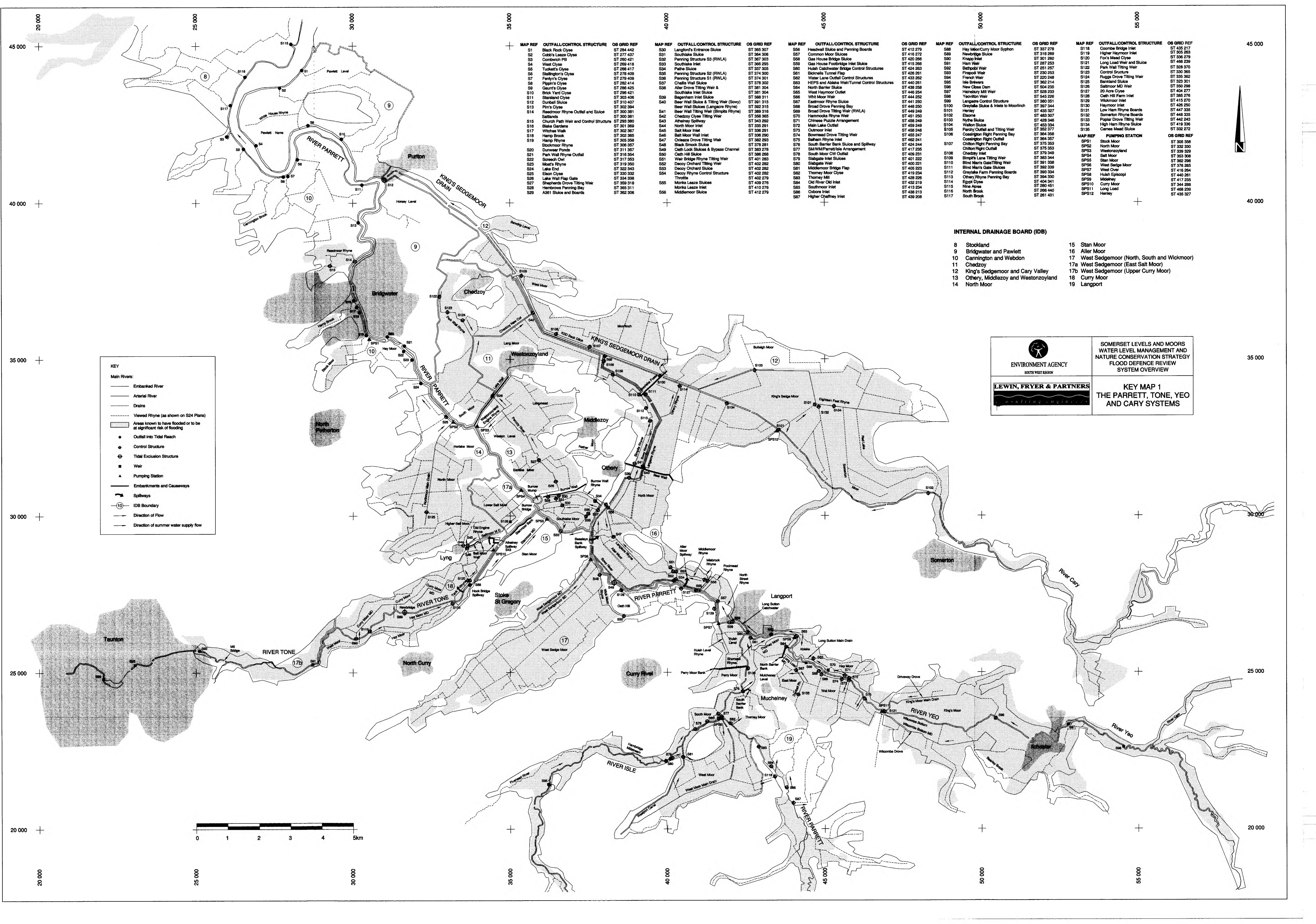
— Spillways

— IDB Boundary

→ Direction of Flow

→ Direction of summer water supply flow







MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF	MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF	MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF	MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF	MAP REF	OUTFALL/CONTROL STRUCTURE	OS GRID REF
S1	Black Rock Cylce	ST 294 442	S30	Langford's Entrance Sluice	ST 365 307	S56	Headwell Sluice and Penning Boards	ST 412 279	S88	Hay Moor/Curry Moor Syphon	ST 337 278	S118	Combe Bridge Inlet	ST 435 217
S2	Cobble's Leaze Cylce	ST 277 437	S31	Southlake Sluice	ST 364 306	S57	Common Moor Sluice	ST 416 272	S89	Newbridge Sluice	ST 316 269	S119	Higher Haymoor Inlet	ST 305 283
S3	Combwich Pill	ST 260 421	S32	Penning Structure S3 (RWLA)	ST 367 303	S58	Gas House Bridge Sluice	ST 367 303	S90	Knapp Inlet	ST 301 260	S120	For's Mead Cylce	ST 336 279
S4	West Cylce	ST 269 418	S33	Southlake Inlet	ST 368 295	S59	Gas House Footbridge Inlet Sluice	ST 415 268	S91	Han Weir	ST 267 253	S121	Long Load Weir and Sluice	ST 428 259
S5	Tuckett's Cylce	ST 268 417	S34	Pathe Sluice	ST 337 305	S60	High Cuthwater Bridge Control Structures	ST 424 263	S92	Batpool Weir	ST 251 257	S122	Park Wall Tilling Weir	ST 328 270
S6	Stallington's Cylce	ST 278 409	S35	Penning Structure S2 (RWLA)	ST 374 300	S61	Bicknell's Tunnel Flap	ST 426 261	S93	Firepool Weir	ST 230 253	S123	Control Structure	ST 330 285
S7	Fenly's Cylce	ST 279 409	S36	Penning Structure S1 (RWLA)	ST 374 301	S62	Water Lane Outfall Control Structures	ST 433 262	S94	French Weir	ST 220 248	S124	Rugby Drive Tilling Weir	ST 350 298
S8	Pippin's Cylce	ST 282 414	S37	Challis Wall Sluice	ST 378 302	S63	HEPS and Alakea Weir/Tunnel Control Structures	ST 440 261	S95	Isle Belvers	ST 362 214	S125	Banklands Sluice	ST 323 301
S9	Gaunt's Cylce	ST 286 425	S38	Alker Dove Tilling Weir & Southlake Inlet Sluice	ST 381 304	S64	North Barrier Sluice	ST 426 258	S96	New Close Dam	ST 504 235	S126	Saltmoor MD Weir	ST 350 298
S10	Brick Yard Cylce	ST 286 421	S39	Beer Wall Sluice & Tilling Weir (Sowry)	ST 381 315	S65	West Haymoor Outfall	ST 446 254	S97	Hairbury Mill Weir	ST 528 233	S127	20 Acre Cylce	ST 404 277
S11	Standland Cylce	ST 303 406	S40	Beer Wall Sluice (Langacre Rhyne)	ST 392 315	S66	Whit Moor Weir	ST 444 252	S98	Yewton Weir	ST 545 225	S128	Oath Hill Farm Inlet	ST 385 276
S12	Dunball Sluice	ST 310 407	S41	Beer Wall Tilling Weir (Brimps Rhyne)	ST 393 316	S67	Eastmoor Rhyne Sluice	ST 441 250	S99	Langacre Control Structure	ST 380 351	S129	Wickmoor Inlet	ST 415 270
S13	Pinn's Cylce	ST 302 394	S42	Chedzoy Cylce Tilling Weir	ST 393 316	S68	Broad Drive Penning Bay	ST 448 250	S100	Greyvale Sluice & Inlets to Moorlinch	ST 397 344	S130	Haymoor Inlet	ST 428 250
S14	Readmoor Rhyne Outfall and Sluice	ST 300 381	S43	Altheiney Spillway	ST 343 292	S69	Broad Drive Tilling Weir (RWLA)	ST 448 249	S101	Henley	ST 433 327	S131	Low Ham Rhyne Boards	ST 447 335
S15	Stake Gardens	ST 303 380	S44	North Moor Inlet	ST 335 291	S70	Hammoda Rhyne Weir	ST 448 249	S102	Greyvale Sluice	ST 428 346	S132	Somerton Rhyne Boards	ST 448 335
S16	Church Path Weir and Control Structure	ST 302 367	S45	North Moor Inlet	ST 335 291	S71	Chinese Puzzle Arrangement	ST 458 248	S103	Walton Sluice	ST 433 334	S133	Papier Drive Tilling Weir	ST 442 343
S17	Witchies Walk	ST 302 367	S46	Salt Moor Inlet	ST 336 291	S72	Main Lake Outfall	ST 458 248	S104	Parcay Outfall and Tilling Weir	ST 352 377	S134	High Ham Rhyne Sluice	ST 419 336
S18	Hamp Brook	ST 302 365	S47	Balt Moor Wall Inlet	ST 338 290	S73	Outmoor Inlet	ST 458 247	S105	Cosington Right Penning Bay	ST 354 358	S135	Carnes Mead Sluice	ST 332 272
S19	Hamp Rhyne	ST 303 358	S48	Orkneya Drive Tilling Weir	ST 382 293	S74	Downhead Drive Tilling Weir	ST 455 247	S106	Cosington Right Outfall	ST 354 358			
S20	Stockmoor Rhyne	ST 306 357	S49	Black Snock Sluice	ST 378 281	S75	Baltham Rhyne Inlet	ST 462 241	S107	Chilton Right Penning Bay	ST 376 353			
S21	Dunwear Ponds	ST 311 357	S50	Oath Lock Sluices & Bypass Channel	ST 383 278	S76	South Moor Bank Sluice and Spillway	ST 462 241	S108	Chilton Right Outfall	ST 376 353			
S22	Park Wall Rhyne Outfall	ST 316 354	S51	Oath Hill Sluice	ST 386 268	S77	SWM/MW/Panels/Isle Arrangement	ST 462 241	S109	Chedzoy Inlet	ST 379 349			
S23	Screach Owl	ST 317 353	S52	Wair Bridge Rhyne Tilling Weir	ST 401 283	S78	South Moor CW Outfall	ST 462 241	S110	Brimps Lane Tilling Weir	ST 383 344			
S24	Moor's Rhyne	ST 319 350	S53	Decoy Orchard Tilling Weir	ST 402 282	S79	Slaggate Inlet Sluices	ST 401 222	S111	Blind Man's Gate Tilling Weir	ST 391 338			
S25	Lake End	ST 322 343	S54	Decoy Orchard Sluice	ST 402 282	S80	Slaggate Weir	ST 402 221	S112	Blind Man's Gate Sluice	ST 391 338			
S26	Elson Cylce	ST 330 332	S55	Decoy Rhyne Control Structure	ST 402 282	S81	Middlemoor Bridge Flap	ST 405 223	S113	Greyvale Farm Penning Boards	ST 393 334			
S27	Lake Wall Rap Gate	ST 334 338	S56	Throttle	ST 402 279	S82	Thorney Mill	ST 419 234	S114	Overy Rhyne Penning Bay	ST 404 341			
S28	Shepherds Drive Tilling Weir	ST 359 316	S57	Monks Leaze Sluices	ST 420 276	S83	Thorney Old Inlet	ST 428 226	S115	Egpyr Cylce	ST 394 330			
S29	Hambroes Penning Bay	ST 365 311	S58	Monks Leaze Inlet	ST 410 276	S84	Old River Old Inlet	ST 432 219	S116	Nine Acres	ST 260 451			
S30	A361 Sluice and Boards	ST 362 306	S59	Middlemoor Sluice	ST 412 279	S85	Southmoor Inlet	ST 413 234	S117	North Brook	ST 268 440			
			S60			S86	Oxbore Inlet	ST 438 213						
						S87	Higher Chaffey Inlet	ST 438 208						

INTERNAL DRAINAGE BOARD (IDB)

- | | |
|--|---|
| 8 Stockland | 15 Stan Moor |
| 9 Bridgwater and Pawlett | 16 Aller Moor |
| 10 Cannington and Webdon | 17 West Sedgemoor (North, South and Wickmoor) |
| 11 Chedzoy | 17a West Sedgemoor (East Salt Moor) |
| 12 King's Sedgemoor and Cary Valley | 17b West Sedgemoor (Upper Curry Moor) |
| 13 Othery, Middlezoy and Westonzoyland | 18 Curry Moor |
| 14 North Moor | 19 Langport |



ENVIRONMENT AGENCY
SOUTH WEST REGION



LEWIN, FRYER & PARTNERS
HYDRAULIC ENGINEERS

SOMERSET LEVELS AND MOORS
WATER LEVEL MANAGEMENT AND
NATURE CONSERVATION STRATEGY
FLOOD DEFENCE REVIEW
SYSTEM OVERVIEW

KEY MAP 1
THE PARRETT, TONE, YEO
AND CARY SYSTEMS

