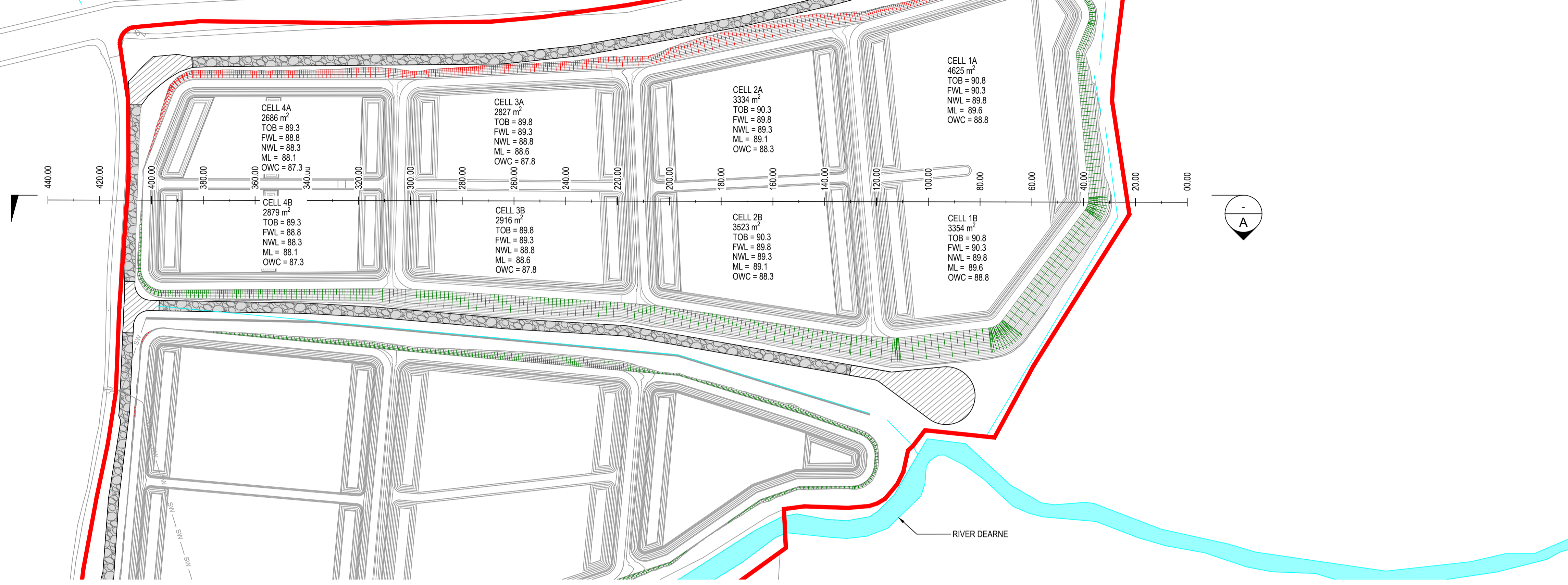


A636



PLAN  
1:1000

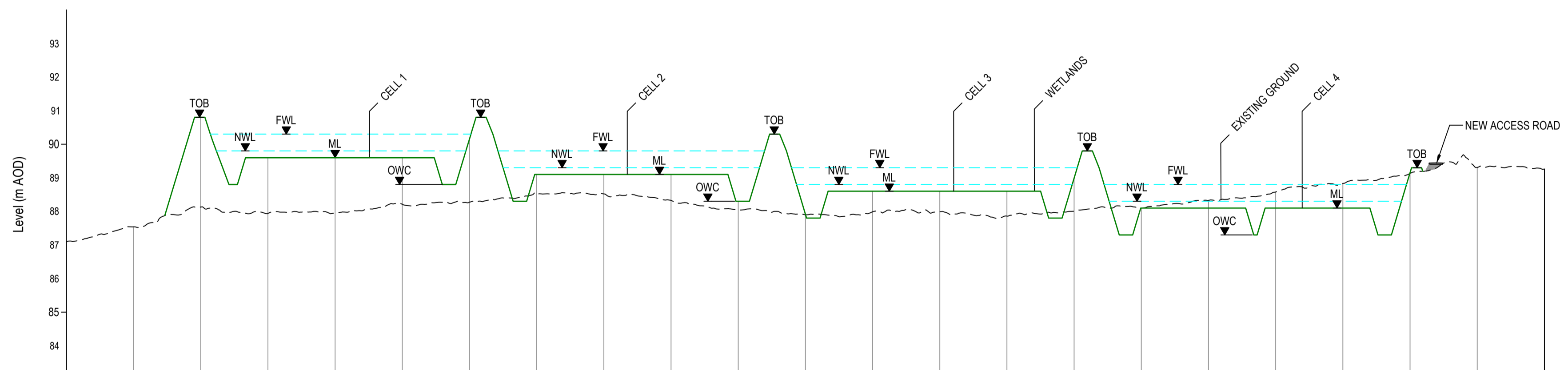
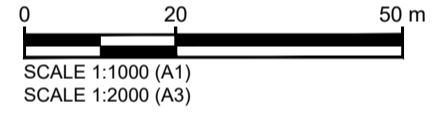
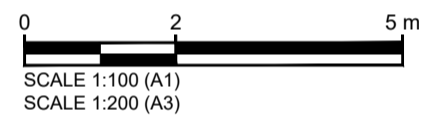
- NOTES:**
- THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS AND TOGETHER WITH THE SPECIFICATIONS.
  - ALL DIMENSIONS ARE SHOWN IN MILLIMETRES (mm), UNLESS NOTED OTHERWISE.
  - ALL LEVELS ARE SHOWN IN METRES (m) AOD, UNLESS NOTED OTHERWISE.
  - NO DIMENSIONS ARE TO BE SCALED FROM THIS DRAWING.

**SITE ADDRESS:**  
BACK LANE, OFF WAKEFIELD ROAD, CLAYTON WEST, HUDDERSFIELD,  
WEST YORKSHIRE, HD8 9QQ.

- LEGEND:**
- WATERCOURSE / LAND DRAIN
  - PROPOSED WETLAND CONSTRUCTION AREA
  - GRADING - CUT (BELOW CURRENT GROUND LEVEL)
  - GRADING - FILL (ABOVE CURRENT GROUND LEVEL)
  - STONED ACCESS TRACK (CRUSHED TYPE 1 OR SIMILAR)
  - REINFORCED CONCRETE VEHICLE SLEWING AREAS

**ABBREVIATION:**  
FWL - PEAK FLOW WATER LEVEL  
ML - MARSH LEVEL (TOP OF SOIL)  
NWL - NORMAL WATER LEVEL  
OWC - OPEN WATER CHANNEL INVERT LEVEL  
TOB - TOP OF BANK

- REFERENCE DRAWINGS:**
- YW.202043.02-MMB-WWT-WWT-DR-C-1010 SITE OVERVIEW LOCATION PLAN
  - YW.202043.02-MMB-WWT-WWT-DR-C-1011 MAIN WORKS HEDGEROW AND TREE REMOVAL PLAN
  - YW.202043.02-MMB-WWT-WWT-DR-C-1012 INTEGRATED CONSTRUCTED WETLANDS PROPOSED SITE LAYOUT
  - YW.202043.02-MMB-WWT-WWT-DR-C-1013 SEWAGE TREATMENT WORKS PROPOSED SITE LAYOUT
  - YW.202043.02-MMB-WWT-WWT-DR-C-1016 MAIN WORKS FLOOD RISK PLAN
  - YW.202043.02-MMB-WWT-WWT-DR-C-1100 EXISTING AND PROPOSED PROW GENERAL ARRANGEMENT
  - YW.202043.02-MMB-WWT-WWT-DR-C-2003 WETLAND PLAN AND LONGITUDINAL SECTION B-B
  - YW.202043.02-MMB-WWT-WWT-DR-C-2004 OUTFALL ELEVATION
  - YW.202043.02-MMB-WWT-WWT-DR-C-2006 WETLAND PLAN AND ELEVATION CELLS 1-4
  - YW.202043.02-MMB-WWT-WWT-DR-C-2007 WETLAND PLAN AND ELEVATION CELLS 5-7
  - YW.202043.02-MMB-WWT-WWT-DR-C-2103 RISING MAIN PLAN AND LONG SECTION
  - YW.202043.02-MMB-WWT-WWT-DR-C-2104 MCC KIOSK ELEVATION



PLAN CHAINAGE [m]	0.00	20.00	40.00	60.00	80.00	100.00	120.00	140.00	160.00	180.00	200.00	220.00	240.00	260.00	280.00	300.00	320.00	340.00	360.00	380.00	400.00	420.00	440.00
EXISTING GROUND LEVEL [mAOD]	87.692	87.540	88.131	87.596	87.951	88.212	88.275	88.545	88.622	88.925	88.945	87.999	87.999	87.993	87.861	88.007	88.094	88.326	88.577	88.651	88.131	89.306	89.264
WETLANDS CELL TOP OF BANK [mAOD]			90.800			90.800		90.800			90.300		90.300			88.800		88.800			89.300		
WETLANDS CELL MARSH LEVEL [mAOD]				89.600	89.600	89.600		89.100	89.100	89.100	89.100	88.600	88.600	88.600	88.600	88.600	88.100	88.100	88.100	88.100	88.600		
WETLANDS CELL OPEN WATER CHANNEL INVERT LEVEL - OWC [mAOD]				88.800	88.800	88.800		88.300	88.300	88.300	88.300	87.800	87.800	88.600	88.600	87.300	87.300	87.300	87.300	87.300	87.300		
WETLANDS CELL NORMAL WATER LEVEL [mAOD]			89.800	89.800	89.800	89.800		89.300	89.300	89.300	89.300	88.800	88.800	88.800	88.800	88.800	88.300	88.300	88.300	88.300	88.300		
WETLANDS CELL PEAK FLOW WATER LEVEL [mAOD]			90.300	90.300	90.300	90.300		89.800	89.800	89.800	89.800	89.300	89.300	89.300	89.300	88.800	88.800	88.800	88.800	88.800	88.800		
WETLANDS CELL		CELL 1				CELL 2				CELL 3				CELL 4									
-CUT / +FILL DEPTHS [m]		2.67	1.70	1.68	1.40	1.88	0.56	0.89	0.77	0.26	0.02	0.61	0.61	0.74	0.99	0.01	-0.23	-0.48	-0.73	0.02			

WETLAND CELL 1 TO 4 - LONGITUDINAL SECTION A-A  
H 1:1000, V 1:100; DATUM: 83.000m

S4 P03	ISSUED FOR PLANNING APPROVAL	MB	JLT	AG	28/11/2023
S4 P02	ISSUED FOR PLANNING APPROVAL	MB	JLT	AG	01/11/2023
S2 P01	ISSUED FOR PLANNING APPROVAL	MB	TR	RW	05/10/2023

Construction Date: TBC

Operator / Partner / DEM Ref:

Mott MacDonald Bentley  
Bank House  
27 King Street  
Leeds  
LS1 2HL  
www.mottmacbentley.co.uk

YORKSHIRE WATER  
ALWAYS CONSIDERS

LIFE SAVING RULES

Client:

Yorkshire Water Services Ltd  
Western House,  
Western Way,  
Halifax Road,  
Bradford,  
BD6 2SZ

Framework:	AMP7	Work Stream:	COMPLEX CIVILS
YW Batch ID / Project Code:	YW.202043.02	YW Solution ID:	TBC

Site:  
**DEARNE REACH 1 UPM**

OS Grid Reference:	426669 , 412035	DAZ or DMA Reference:	N/A
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Drawing Title:  
**WETLAND PLAN AND LONGITUDINAL SECTION A-A (CELLS 1-4)**

Original Design / DEM Reference:	VX11-MMB-WWT-WWT-DR-C-2002	Size:	A1	Scale:	1:1000
Status Description:	ISSUED FOR PLANNING APPROVAL	Status:	S4	Revision:	P03

Drawing Number:  
**YW.202043.02 MMB WWT WWT DR C 2002**