

- NOTES:
- DO NOT SCALE OFF DRAWING
  - DRAWINGS TO BE READ IN CONJUNCTION WITH DRAWINGS 1003, 1011-1014, & 1016-1020.
  - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
  - ALL SIDE SLOPES ON DREDGE AREA AT: 2.5 HORIZ. TO 1 VERT.
  - REFER TO DRAWING 1003 FOR KEY PLAN OF CROSS SECTION LOCATIONS.
  - REFER TO DRAWING 1020 FOR PROPOSED TYPICAL CHANNEL EDGE DETAIL.
  - WHERE EXISTING BED LEVELS ARE LOWER THAN PROPOSED BED LEVELS, EXISTING BED LEVELS WILL BE MAINTAINED, EXCLUDING CONCRETE SCOUR SLAB EXTENT.

LEGEND

EXISTING BED LEVEL	
PROPOSED BED LEVEL	
INDICATIVE MLWS	
DESIGN FLOOD LEVEL	
FLOOD DEFENCE WALLS	
GROUND LEVEL	
SCOUR PROTECTION SLAB	
PROPOSED RIP-RAP	

NORTH QUAY

SOUTH QUAY

DESIGN FLOOD LEVEL 2.28

Datum -10m O.D.

EXISTING BED LEVEL	2.60	0.23	-0.25	-0.25	-0.55	-0.75	-1.00	-1.00	-1.00	-1.50	-1.75	-1.75	-2.00	-2.00	-1.75	-1.75	-1.50	-1.50	-1.50	-1.50	-2.25	-2.50	-2.50	-2.00	-2.25	-2.50	-2.50	-2.25	-2.25	-3.00	-3.25	-3.25	-3.00	-3.00	-2.75	-2.75	-2.25	-2.25	-1.79	-1.79	-1.75	-1.25	-0.66	-0.25	-0.12	1.68				
PROPOSED BED LEVEL			-0.25	-0.32	-1.79	-1.79	-1.79	-1.79	-1.79																																									
CHAINAGE FROM LEFT BANK	0.0	0.3	2.3	3.1	5.9	13.2	19.3	24.0	27.7	28.4	37.0	43.2	46.0	52.3	56.8	57.9	67.1	69.0	73.9	75.8	78.7	83.0	84.9	86.2	88.1	89.2	91.3	94.8	98.3	104.0	109.3	111.2	113.6	115.2	116.9	118.5	122.9	124.8	127.8	130.0	131.6	133.3	135.8	137.7	139.9	141.7	143.5	144.8	145.5	146.7

CHAINAGE 1162

NORTH QUAY

SOUTH QUAY

DESIGN FLOOD LEVEL 2.28

Datum -10m O.D.

EXISTING BED LEVEL	2.40	0.12	0.00	-0.15	-0.25	-0.64	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.50	-2.25	-2.00	-1.75	-1.75	-1.75	-2.25	-2.50	-2.25	-2.25	-2.5	-2.5	-2.50	-2.75	-3.00	-3.25	-3.50	-3.50	-3.25	-3.00	-2.75	-2.50	-2.50	-1.16	-1.40	-1.00	-0.60	1.50
PROPOSED BED LEVEL			-0.15	-0.35	-0.98	-1.48	-1.84	-1.84	-1.84	-1.50	-1.75	-2.00	-2.25	-2.50	-2.50	-2.25	-2.00	-1.75	-1.75	-1.75	-2.25	-2.50	-2.25	-2.25	-2.5	-2.5	-2.50	-2.75	-3.00	-3.25	-3.50	-3.50	-3.25	-3.00	-2.75	-2.50	-2.50	-1.16	-1.40	-1.00	-0.60	1.50
CHAINAGE FROM THE LEFT BANK	0.0	1.3	2.2	2.8	4.7	6.2	7.4	14.2	21.9	23.9	26.3	33.6	45.7	51.1	55.1	62.7	67.2	71.4	74.8	75.9	77.0	79.4	82.5	84.0	87.1	90.1	92.5	101.3	102.2	105.4	111.1	117.6	120.8	123.0	127.7	133.8	138.1	139.4	140.9	141.9	142.9	144.9

CHAINAGE 1157

NORTH QUAY

SOUTH QUAY

DESIGN FLOOD LEVEL 2.28

Datum -10m O.D.

EXISTING BED LEVEL	2.60	0.12	0.00	-0.06	-0.25	-0.50	-0.75	-1.00	-1.25	-1.50	-1.75	-2.00	-2.00	-1.75	-1.5	-1.25	-1.25	-1.50	-1.75	-2.00	-2.25	-2.50	-2.75	-2.75	-2.50	-2.25	-2.25	-2.25	-2.25	-1.84	-1.84	-1.75	-1.25	-0.94	-0.30	1.70
PROPOSED BED LEVEL				-0.72	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.84	-1.75	-2.00	-2.25	-2.50	-2.75	-2.75	-2.50	-2.25	-2.25	-2.25	-1.84	-1.84	-1.76	-0.94	-0.30	1.70	
CHAINAGE FROM THE LEFT BANK	0.0	1.3	2.7	3.3	5.3	7.7	11.0	19.3	22.5	25.8	30.9	36.6	41.4	50.9	56.4	60	64.7	74.3	89.8	93.8	97.7	110.3	113.8	119.2	122.7	125.6	130.6	135.2	136.8	138.4	139.4	141.4	145.0			

CHAINAGE 1152

Rev	Date	Description	By	Chk	App
P4	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	15.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	05.03.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT

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CLIENT  
**WICKLOW COUNTY COUNCIL**

PROJECT  
**ARKLOW FLOOD RELIEF SCHEME**

DRAWING TITLE  
**CHANNEL DREDGING WORKS  
 CHANNEL CROSS SECTIONS  
 SHEET 5**

STATUS  
**FOR PLANNING**

Date: 12.07.18	Scale: 1:250	Drawn: CT	Chk: NM	App: KT
Project No: PH00886/01	Dwg. No: 1015	Rev: P4		