

Appendix 4.1

Scheme Drawings

Arklow Flood Relief Scheme

Planning Application

April 2021

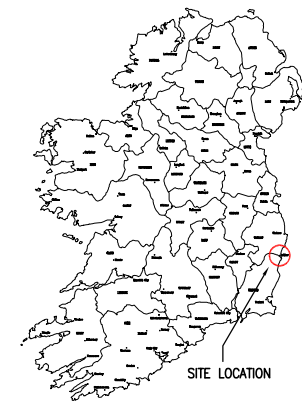
Drawing Number	Drawing Title	Scale	Sheet
88601-1001	Site Location Map	1:10560	A1
88601-1002	Overall Scheme Layout Plan	1:2500	A1
88601-1003	Channel Works - Overall Layout	1:2500	A1
88601-1004	Arklow Bridge - Existing Layout - Plan, Elevation & Sections	1:250 1:50	A1
88601-1005	Arklow Bridge - Proposed Layout - Plan, Elevation & Sections	1:250 1:50	A1
88601-1006	Arklow Bridge - Groulting Works	1:50	A1
88601-1007	Arklow Bridge - Underpinning Option 1	1:50	A1
88601-1008	Arklow Bridge - Underpinning Option 2	1:50	A1
88601-1009	Arklow Bridge - Underpinning Option 3	1:50	A1
88601-1010	Arklow Bridge - Underpinning Option 4	1:50	A1
88601-1011	Channel Dredging Works - Channel Cross Sections - Sheet 1	1:250	A1
88601-1012	Channel Dredging Works - Channel Cross Sections - Sheet 2	1:250	A1
88601-1013	Channel Dredging Works - Channel Cross Sections - Sheet 3	1:250	A1
88601-1014	Channel Dredging Works - Channel Cross Sections - Sheet 4	1:250	A1
88601-1015	Channel Dredging Works - Channel Cross Sections - Sheet 5	1:250	A1
88601-1016	Channel Dredging Works - Channel Cross Sections - Sheet 6	1:250	A1
88601-1017	Channel Dredging Works - Channel Cross Sections - Sheet 7	1:250	A1
88601-1018	Channel Dredging Works - Channel Cross Sections - Sheet 8	1:250	A1
88601-1019	Channel Dredging Works - Longitudinal Section	1:250	A1
88601-1020	Channel Dredging Works - Typical Details	1:25	A1
88601-1021	Channel Works - Debris Trap	1:1000 1:100	A1
88601-1022	Channel Works - Gravel Trap	1:1000 1:100	A1
88601-1023	Channel Works - River Access Ramp To Debris Trap Plan & Sections	1:1000 1:100	A1
88601-1031	Flood Defence Walls & Embankments - Key Plan	1:2500	A1
88601-1032	Flood Defence Walls & Embankments - North Bank Upstream of Arklow Bridge - Layout Plan Sheet 1 of 2	1:500	A1
88601-1033	Flood Defence Walls & Embankments - North Bank Upstream of Arklow Bridge - Layout Plan Sheet 2 of 2	1:500	A1
88601-1034	Flood Defence Walls & Embankments - North Bank Upstream of Arklow Bridge - Elevation	1:500	A1
88601-1035	Flood Defence Walls & Embankments - North Bank Upstream of Arklow Bridge - Sections	1:100	A1
88601-1036	Flood Defence Walls & Embankments - South Bank Upstream of Arklow Bridge - Layout Plan	1:500	A1
88601-1037	Layout of Flood Defences - South Bank Upstream of Arklow Bridge - Elevation	1:200	A1
88601-1038	Flood Defence Walls & Embankments - South Bank Upstream of Arklow Bridge - Sections Sheet 1	1:50	A1
88601-1039	Flood Defence Walls & Embankments - South Bank Upstream of Arklow Bridge - Sections Sheet 2	1:50	A1
88601-1040	Flood Defence Walls & Embankments - South Bank Downstream of Arklow Bridge - Layout Plan Sheet 1	1:500	A1
88601-1041	Flood Defence Walls & Embankments - South Bank Downstream of Arklow Bridge - Layout Plan Sheet 2	1:500	A1
88601-1042	Flood Defence Walls & Embankments - South Bank Downstream of Arklow Bridge - Layout Plan Sheet 3	1:500	A1
88601-1043	Elevation - South Bank Downstream of Arklow Bridge - Sheet 1	1:200	A1
88601-1044	Elevation - South Bank Downstream of Arklow Bridge - Sheet 2	1:200	A1
88601-1045	Elevation - South Bank Downstream of Arklow Bridge - Sheet 3	1:200	A1
88601-1046	Flood Defence Walls & Embankments - South Bank Downstream of Arklow Bridge - Sections 1	1:50	A1
88601-1047	Flood Defence Walls & Embankments - South Bank Downstream of Arklow Bridge - Sections 2	1:50	A1
88601-1048	Flood Defence Walls & Embankments - South Bank Downstream of Arklow Bridge - Sections 3	1:50	A1
88601-1049	Flood Defence Walls & Embankments - South Bank Downstream of Arklow Bridge - Sections 4	1:50	A1
88601-1051	Stormwater Drainage - Overall Layout Plan	1:2500	A1
88601-1053	Stormwater Drainage - South Bank Upstream of Arklow Bridge - Layout & Longitudinal Sections	1:1000 1:100	A1
88601-1054	Stormwater Drainage - South Bank Downstream of Arklow Bridge - Layout & Longitudinal Sections	1:1000 1:100	A1
88601-1055	Stormwater Drainage - South Bank Harbour Area - Layout & Longitudinal Sections	1:1000 1:100	A1
88601-1056	Stormwater Drainage - Pumping Station No.1 - GA, Plan & Sections	1:50	A1
88601-1057	Stormwater Drainage - Pumping Station No.2 - GA, Plan & Sections	1:50	A1
88601-1058	Stormwater Drainage - Pumping Station No.3 - GA, Plan & Sections	1:50	A1
88601-1060	Water Safety Features	1:1250	A1
88601-1061	Existing Utility Services - Layout Plan	1:2500	A1
88601-1062	Relocated Utility Services - Arklow Marsh	1:1000	A1
88601-1065	Overall Site Extent	nts	A1
88601-1066	Locations of Site Notices	nts	A1
6445-300	Landscape Design & Public Realm - Sheet 1 - South Bank, River Walk	1:500 1:100	A1
6445-301	Landscape Design & Public Realm - Sheet 2 - South Bank, River Walk And South Quay	1:500 1:100	A1
6445-302	Landscape Design & Public Realm - Sheet 3 - South Bank, South Quay	1:500 1:100	A1
6445-303	Landscape Design & Public Realm - Sheet 4 - South Bank, South Quay And The Dock	1:500	A1
6445-304	Landscape Design & Public Realm - Sheet 5 - North Bank, Ferrybank South	1:500	A1
6445-305	Landscape Design & Public Realm - Sheet 6 - North Bank, Ferrybank North	1:500	A1
6445-306	Landscape Design & Public Realm - Sheet 7 - North Bank, Dublin Road	1:500	A1

FROM OS MAPS No. 4427-B, 4427-D,
4428-A, 4428-C, 4485-B, 4486-A
OSI LICENCE No. EN 0083318



- GENERAL NOTES
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION

LEGEND:
SITE BOUNDARY ———



Rev	Date	Description	By	Chk	App
P3	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P2	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT

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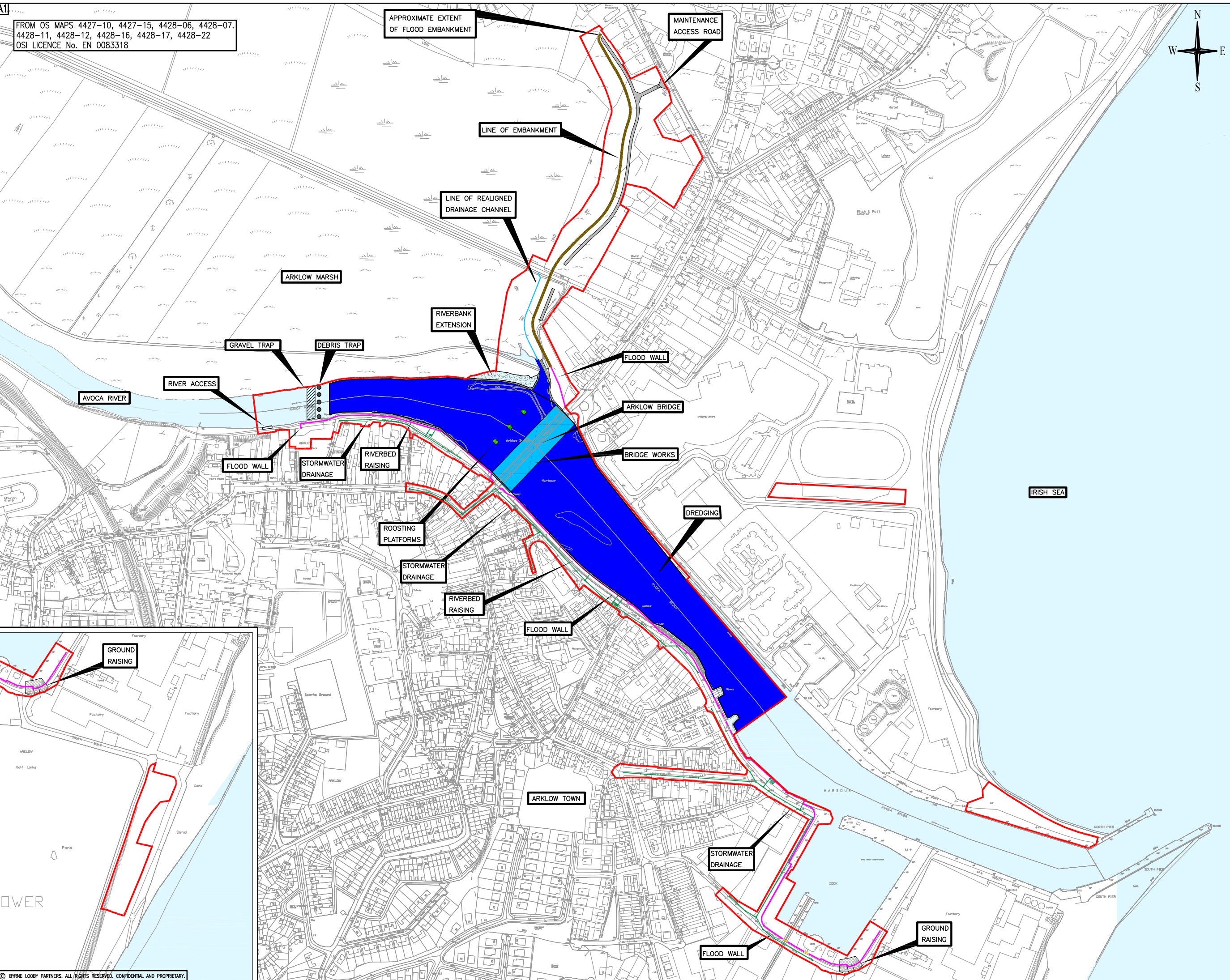
PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
SITE LOCATION MAP

STATUS
FOR PLANNING

Date: 02.07.18	Scale: 1:10560	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1001	Rev: P3		

A1
 FROM OS MAPS 4427-10, 4427-15, 4428-06, 4428-07,
 4428-11, 4428-12, 4428-16, 4428-17, 4428-22
 OSI LICENCE No. EN 0083318



GENERAL NOTES

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LEGEND

- SITE BOUNDARY: Red solid line
- DEEPENING OF BRIDGE FLOOR: Light blue fill
- UIS & D/S DREDGE: Dark blue fill
- LINE OF FLOOD DEFENCE: Pink dashed line
- LINE OF EMBANKMENT: Brown solid line
- EXISTING FLOOD DEFENCE WALL: Pink dashed line
- REALIGNED DRAINAGE CHANNEL: Blue solid line
- STORMWATER DRAINAGE: Green solid line
- DEBRIS TRAP: Three black circles
- GRAVEL TRAP: Hatched rectangle
- MAINTENANCE ACCESS TRACK: Grey solid line
- PROPOSED RIVERBANK EXTENSION: Dotted pattern
- PROPOSED RIP-RAP: Stippled pattern
- LOCAL RAISING OF RIVERBED: Hexagonal pattern
- PROPOSED ROOSTING PLATFORM: Yellow arrow-shaped symbol
- GROUND RAISING: Cross-hatched pattern

Rev	Date	Description	By	Chk	App
P4	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P2	18.05.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT

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PROJECT
 ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
 OVERALL SCHEME LAYOUT PLAN

STATUS
 FOR PLANNING











Date: 02.07.18	Scale: 1:2500	Drawn: NM	Chk: KT	App: KT
Project No: PH00886/01	Dwg. No: 1002	Rev:		P4

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3. DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
4. SEE DRAWINGS No. 1004-1010 FOR PROPOSED WORKS TO ARKLOW BRIDGE
5. SEE DRAWINGS No. 1011-1020 FOR PROPOSED DREDGING WORKS

LEGEND:

- DEEPENING OF BRIDGE FLOOR (INCLUDING SCOUR SLAB) 
- EXTENSIVE U/S & D/S DREDGE 
- FLOOD DEFENCE WALL 
- DEBRIS TRAP 
- GRAVEL TRAP 
- PROPOSED RIP-RAP 
- PROPOSED FLOATING ISLANDS 
- PROPOSED RIVERBANK EXTENSION 
- LOCAL RAISING OF RIVERBED 
- PROPOSED ROOSTING PLATFORM 

CROSS SECTIONS DWG LOCATIONS	
CROSS-SECTION CHAINAGE	DWG No.
662	1018
762, 802, 862	1017
962, 1062, 1142	1016
1152, 1157, 1162	1015
1167, 1172, 1179	1014
1191, 1196, 1206	1013
1246, 1296, 1346	1012
1396, 1446, 1496	1011

P5	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P4	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	16.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	05.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

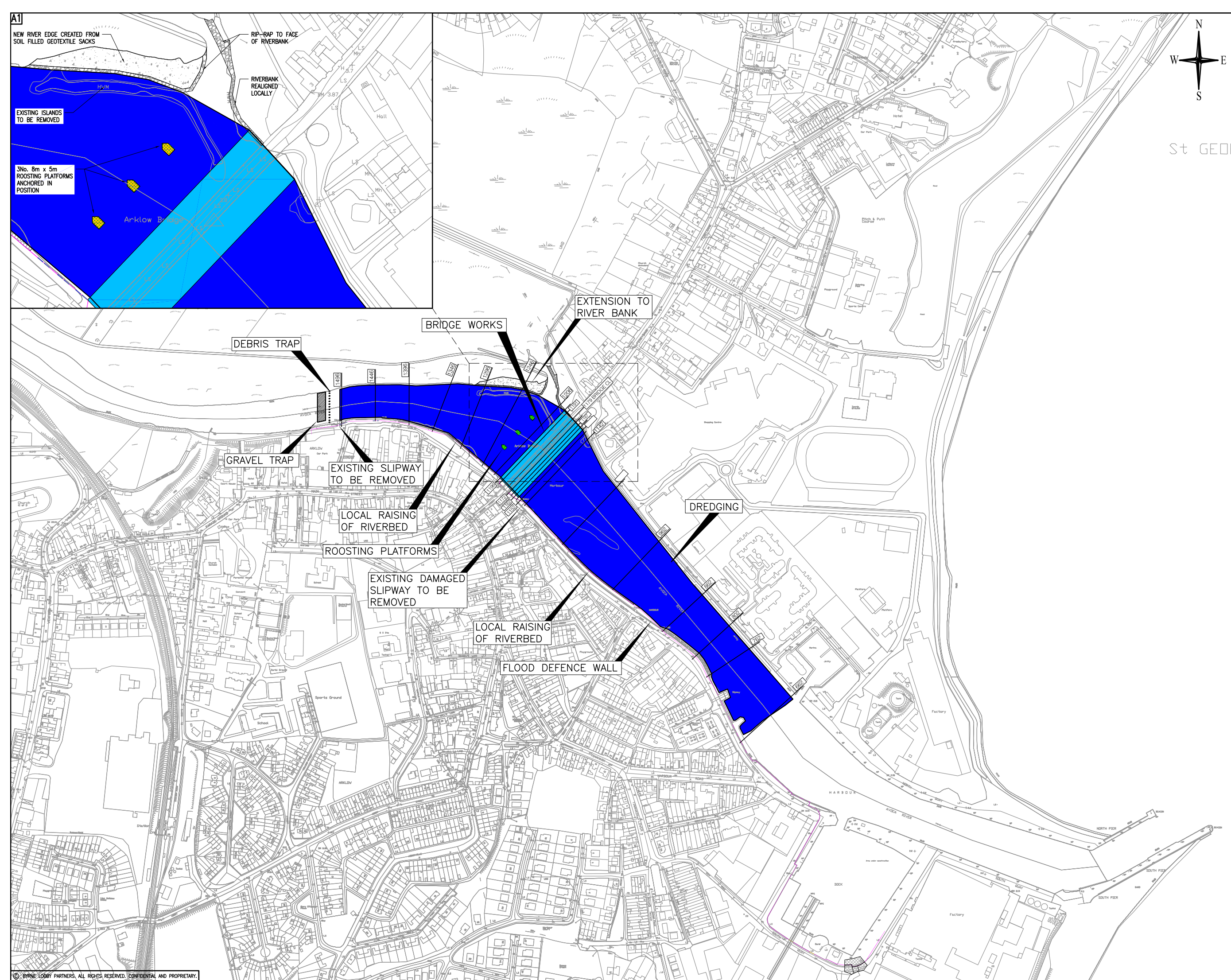
DRAWING TITLE
**CHANNEL WORKS
 OVERALL LAYOUT**

STATUS
FOR PLANNING

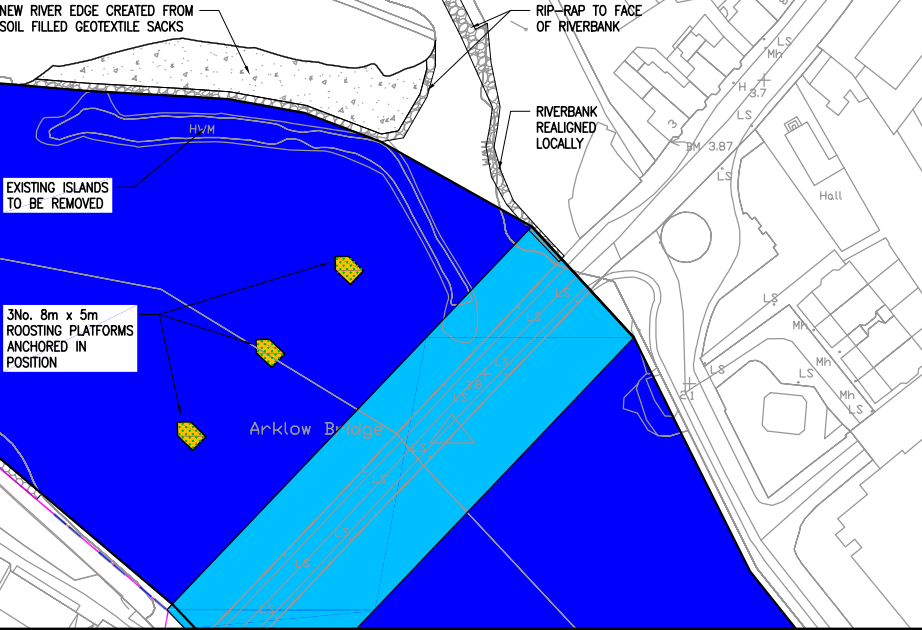
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Project No: PH00886/01	Dwg. No: 1003	Rev: P5		



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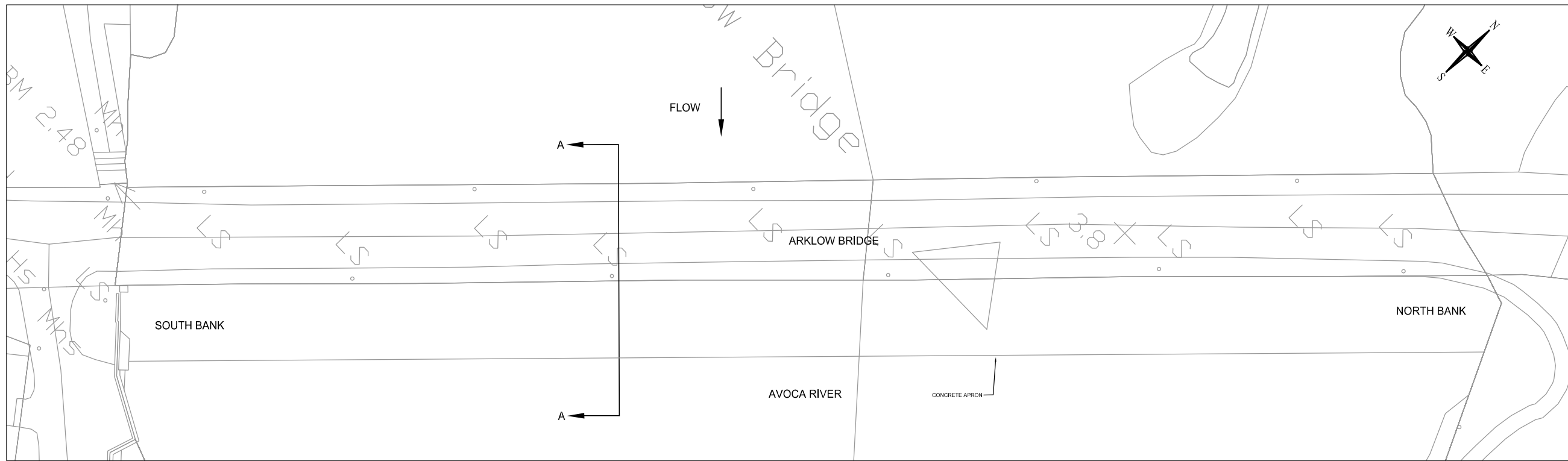


A1

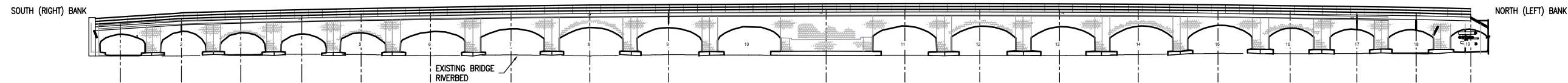


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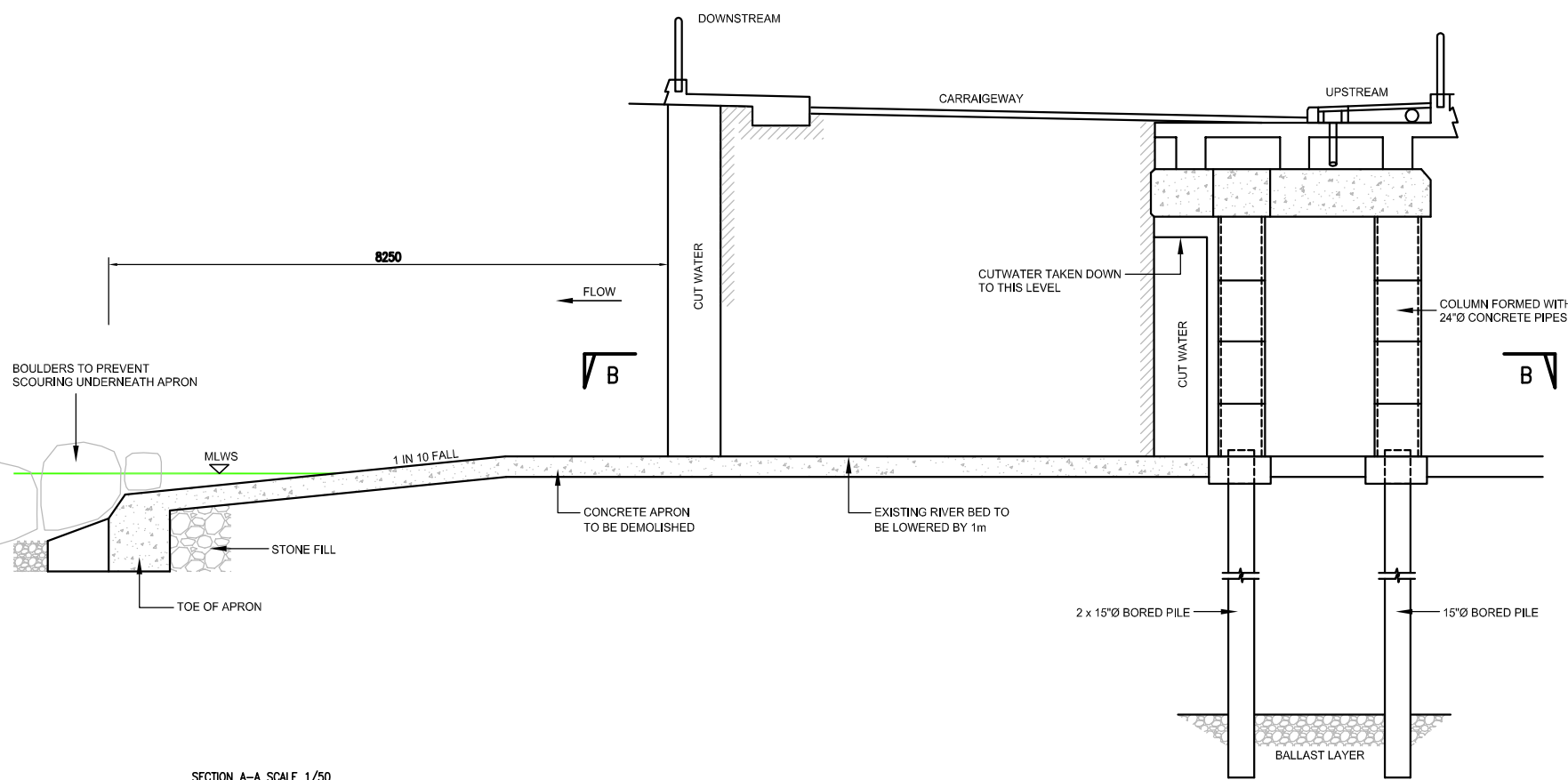
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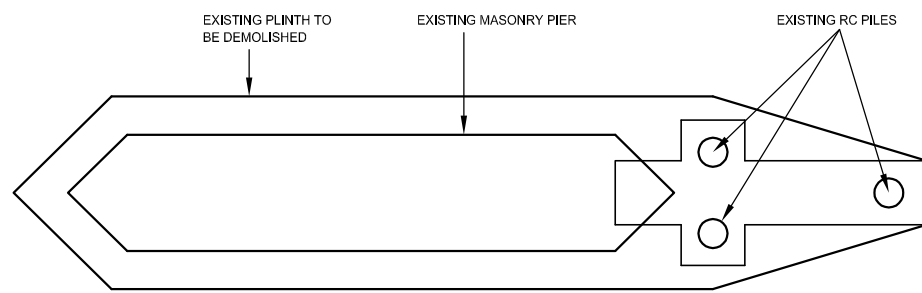
LAYOUT PLAN AT BED LEVEL SCALE 1/250



DOWNSTREAM ELEVATION SCALE 1/250



SECTION A-A SCALE 1/50



PLAN SECTION B-B SCALE 1/50

P1	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	14.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
A1	06.06.18	ISSUE FOR APPROVAL	NM	KT	KT
Rev	Date	Description	By	Chk	App

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**ARKLOW BRIDGE
 EXISTING LAYOUT - PLAN, ELEVATION
 & SECTIONS**

STATUS
FOR PLANNING

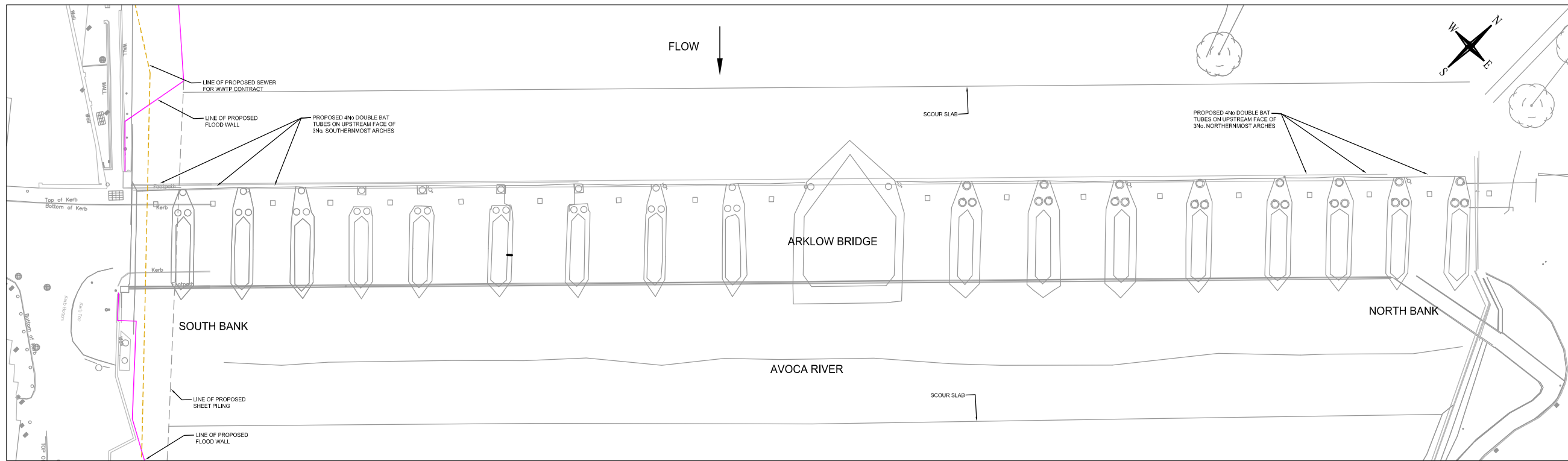
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Project No: PH00886/01	Org. No: 1004	Rev: P1		

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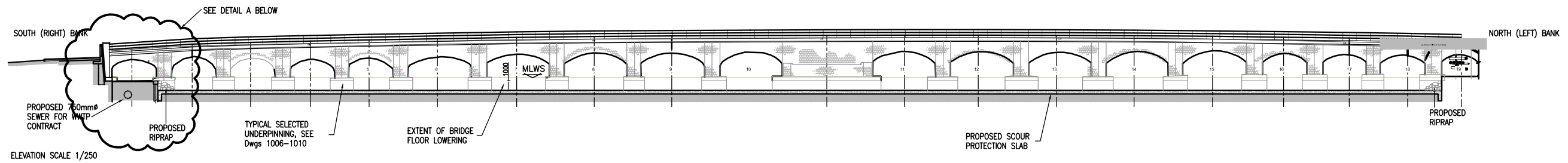
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- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS.
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION.
- REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

LEGEND

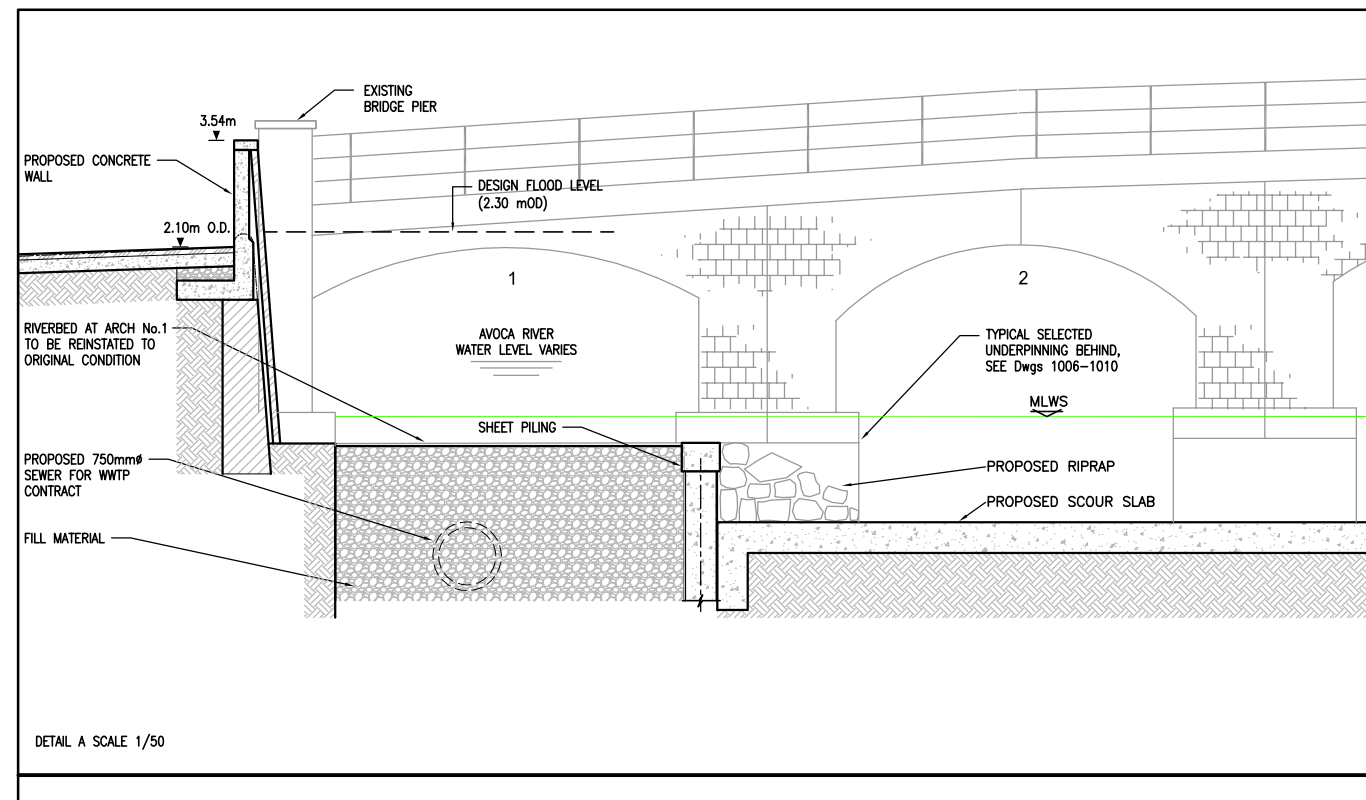
PROPOSED FLOOD DEFENCE WALL:	
PROPOSED SEWER FOR WWTP CONTRACT:	
MLWS:	



LAYOUT PLAN AT BED LEVEL SCALE 1/250



ELEVATION SCALE 1/250



DETAIL A SCALE 1/50

P1	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P0	14.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
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PROJECT
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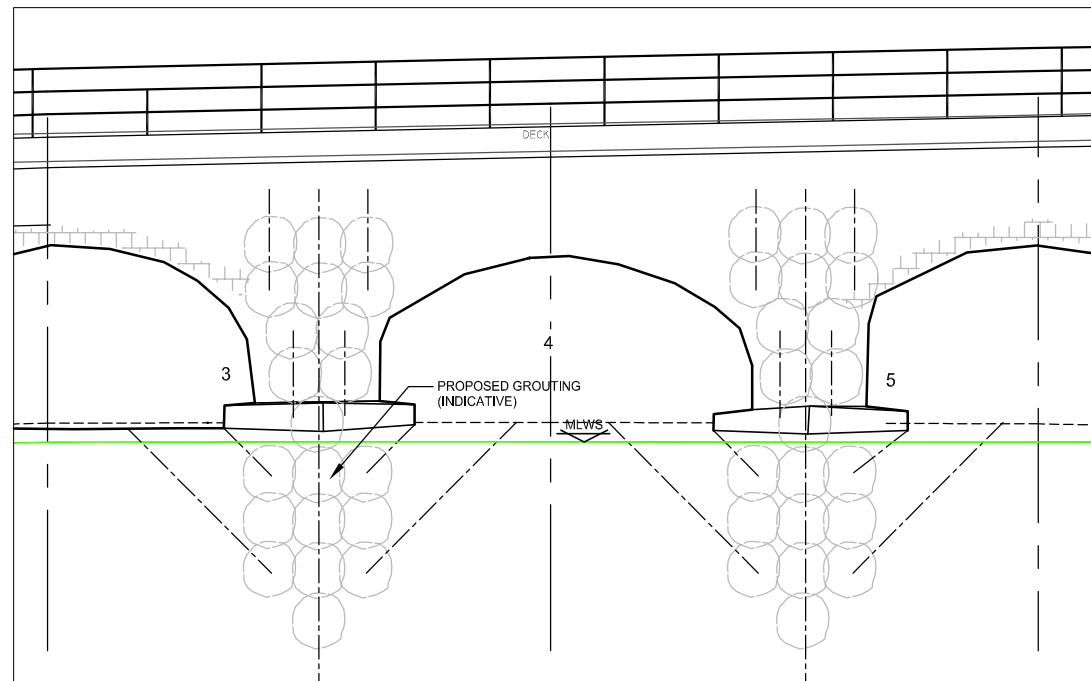
DRAWING TITLE
**ARKLOW BRIDGE
 PROPOSED LAYOUT - PLAN, ELEVATION
 & SECTIONS**

STATUS
FOR PLANNING

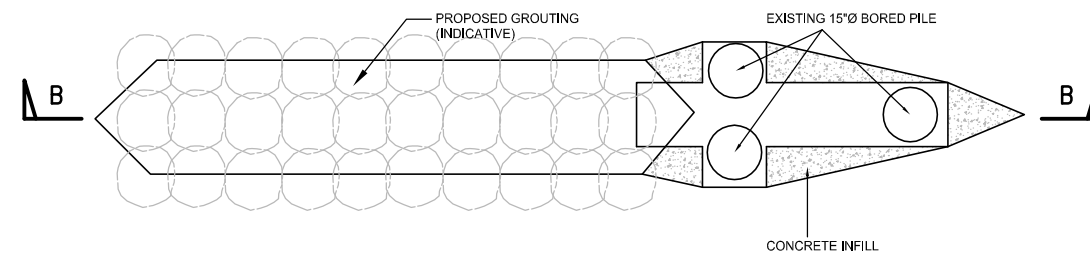
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Project No: PH00886/01	Dwg. No: 1005	Rev:	P1	

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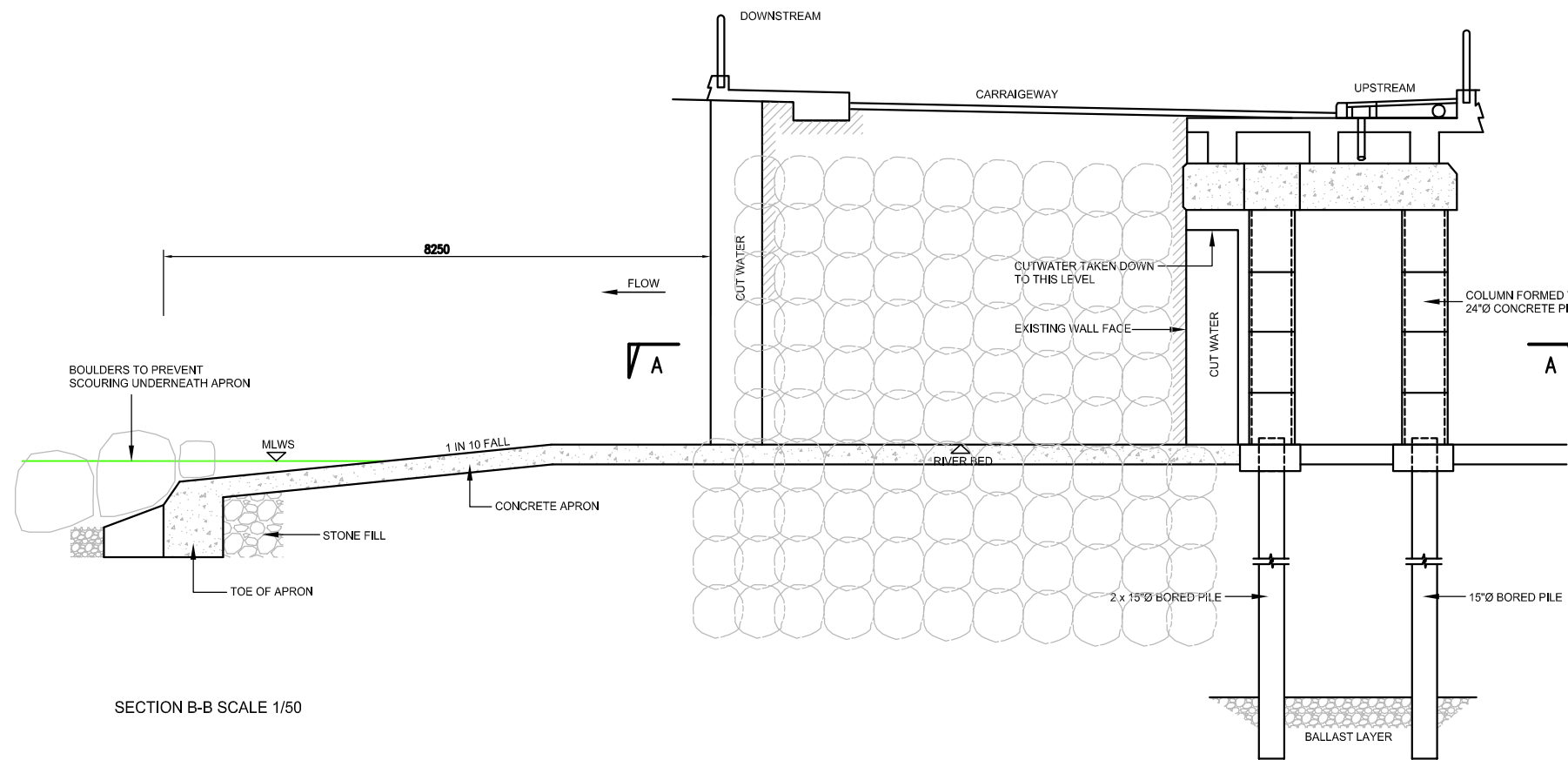
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DOWNSTREAM ELEVATION SCALE 1/50



SECTIONAL PLAN A-A SCALE 1/50



SECTION B-B SCALE 1/50

PO	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
A1	06.06.18	ISSUE FOR APPROVAL	NM	KT	KT
Rev	Date	Description	By	Chk	App

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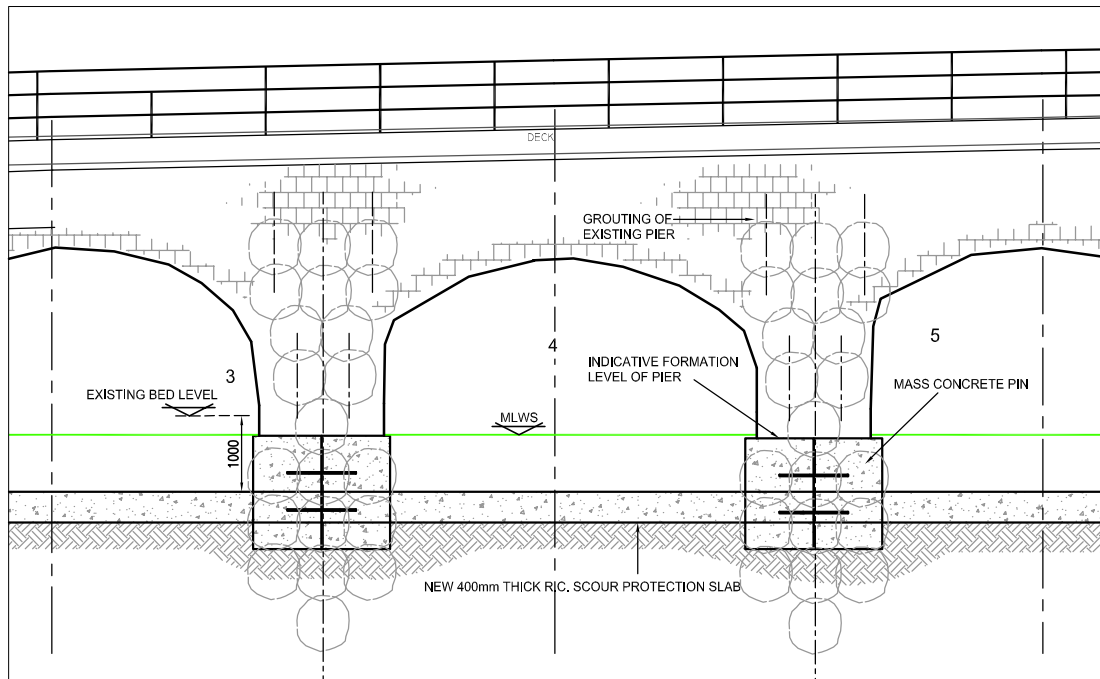
DRAWING TITLE
**ARKLOW BRIDGE
 GROUTING WORKS**

STATUS
FOR PLANNING

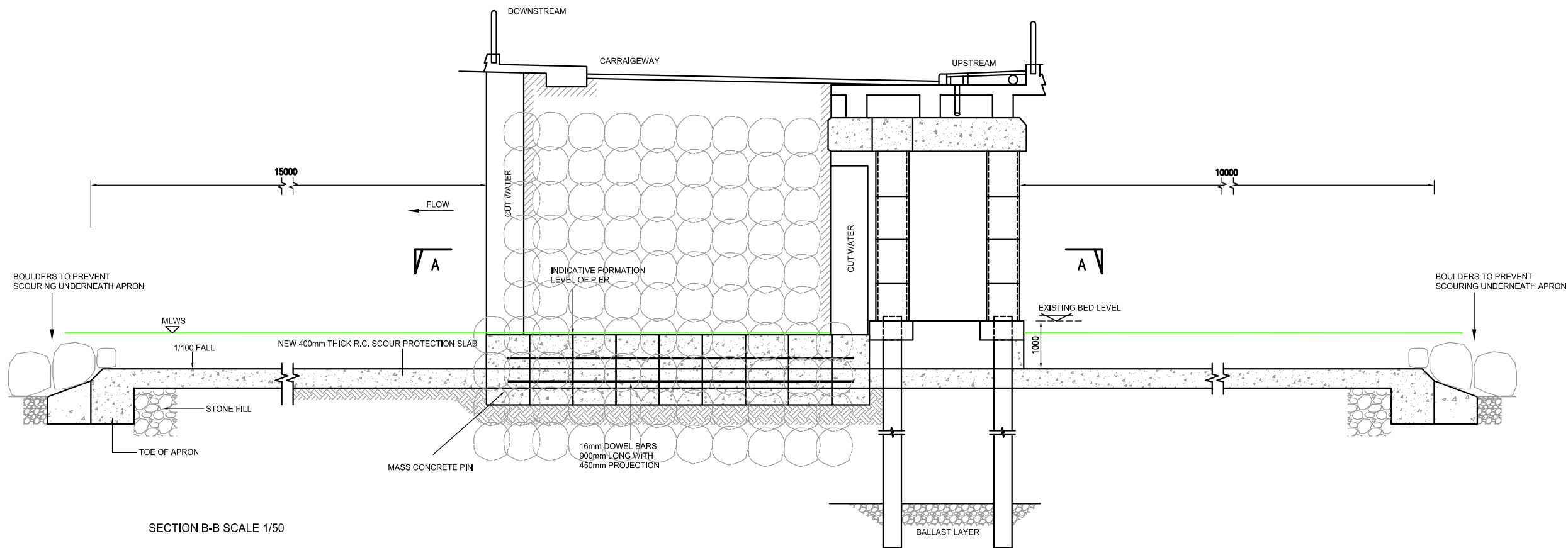
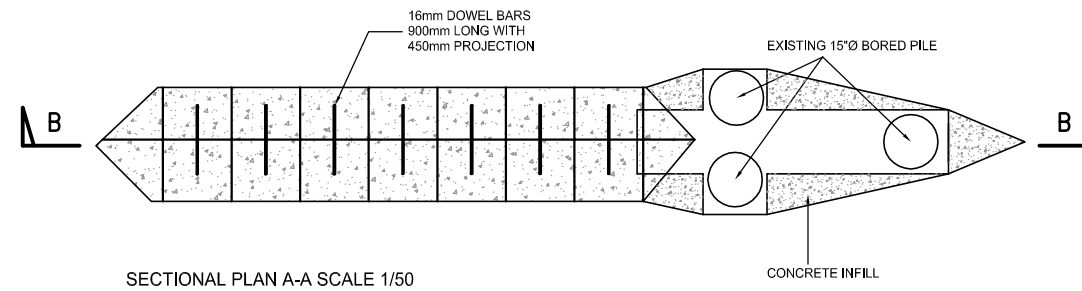
Date: 31.05.18	Scale: AS SHOWN	Drawn: NM	Chk: KT	App: KT
Project No: PH00886/01	Dwg. No: 1006	Rev:	PO	

NOTES:

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DOWNSTREAM ELEVATION SCALE 1/50



PO	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
A1	06.06.18	ISSUE FOR APPROVAL	NM	KT	KT
Rev	Date	Description	By	Chk	App

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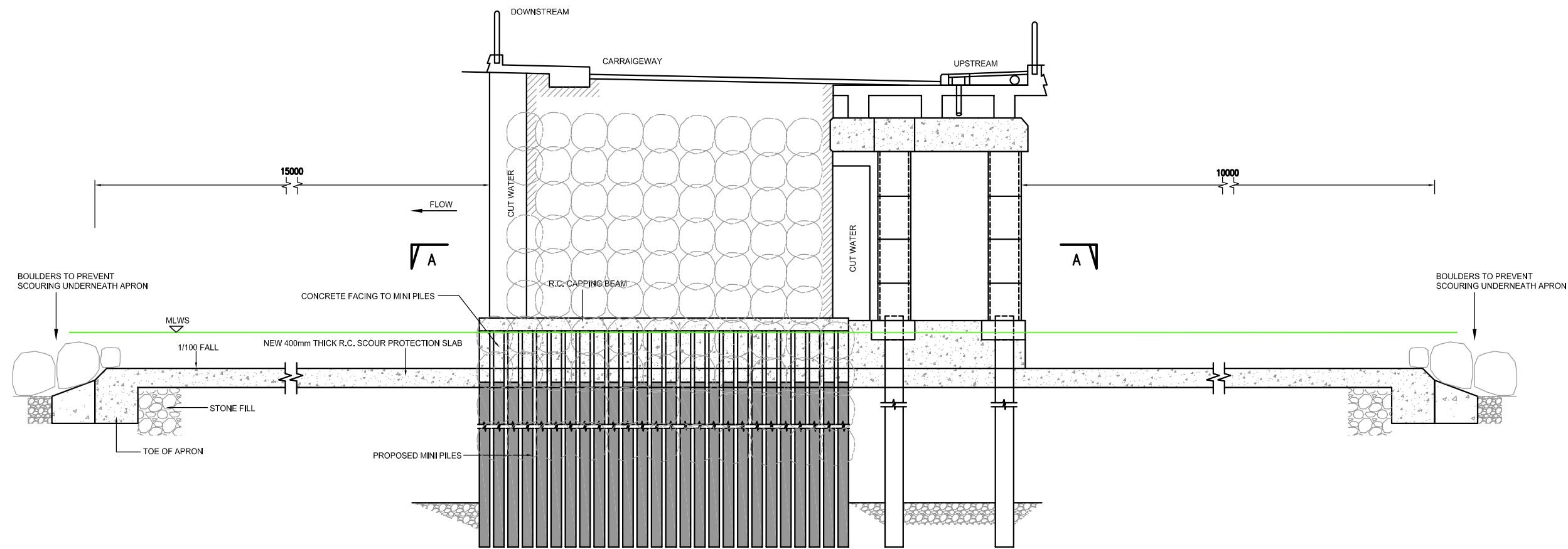
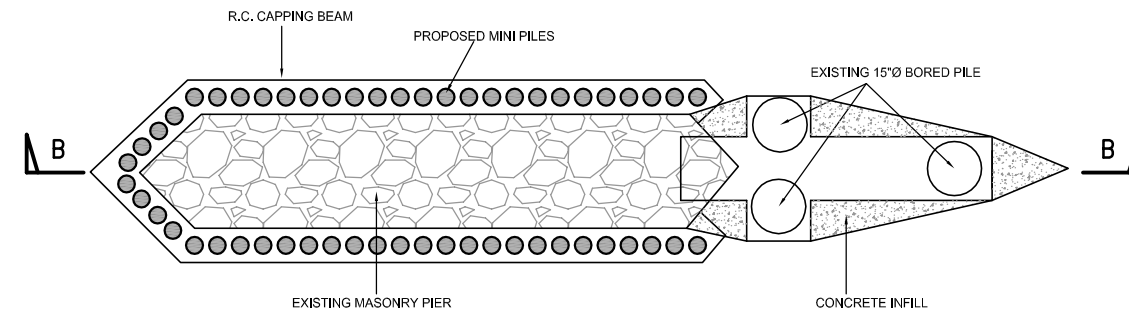
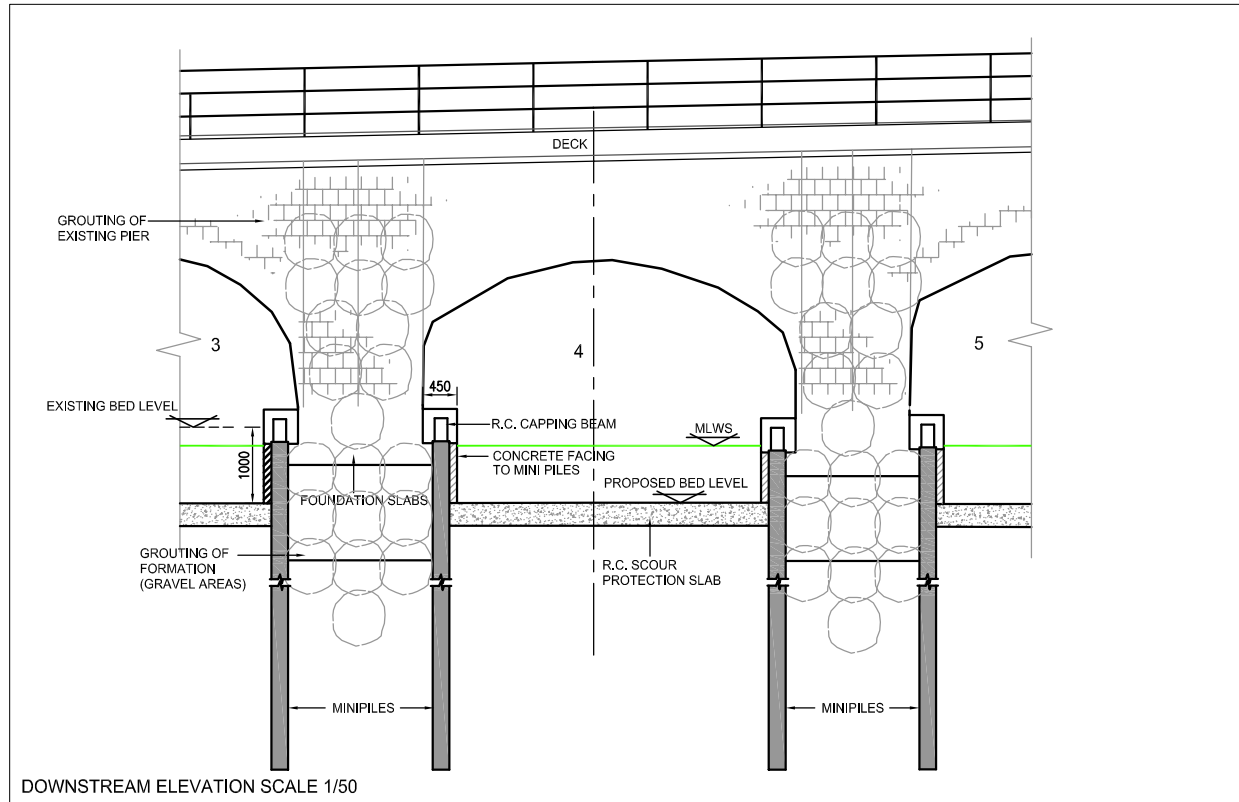
PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**ARKLOW BRIDGE
 UNDERPINNING OPTION 1**

STATUS
FOR PLANNING

Date: 31.05.18	Scale: AS SHOWN	Drawn: NM	Chk: KT	App: KT
Project No: PH00886/01	Dwg. No: 1007	Rev:	PO	

- NOTES:
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Rev	Date	Description	By	Chk	App
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A1	06.06.18	ISSUE FOR APPROVAL	NM	KT	KT

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

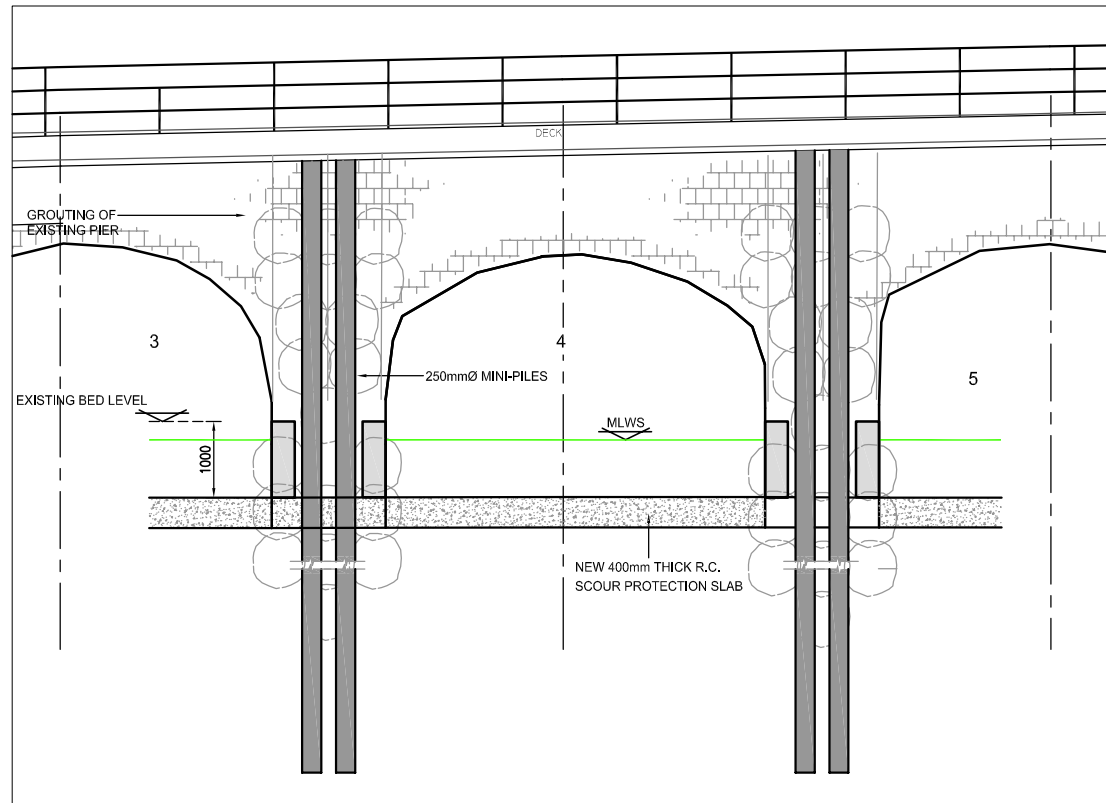
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ARKLOW BRIDGE UNDERPINNING OPTION 2

STATUS
FOR PLANNING

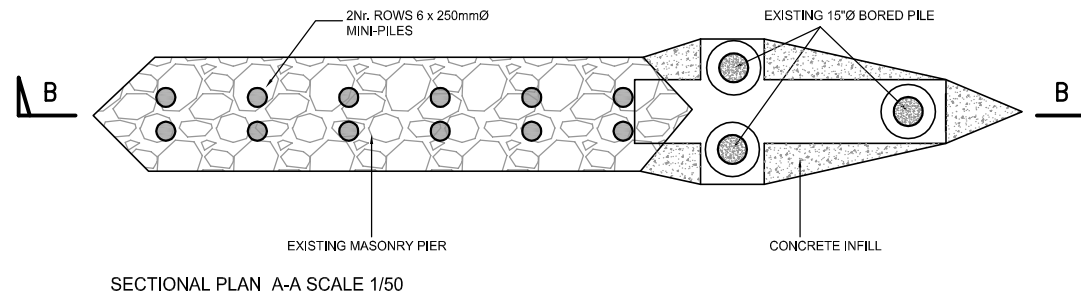
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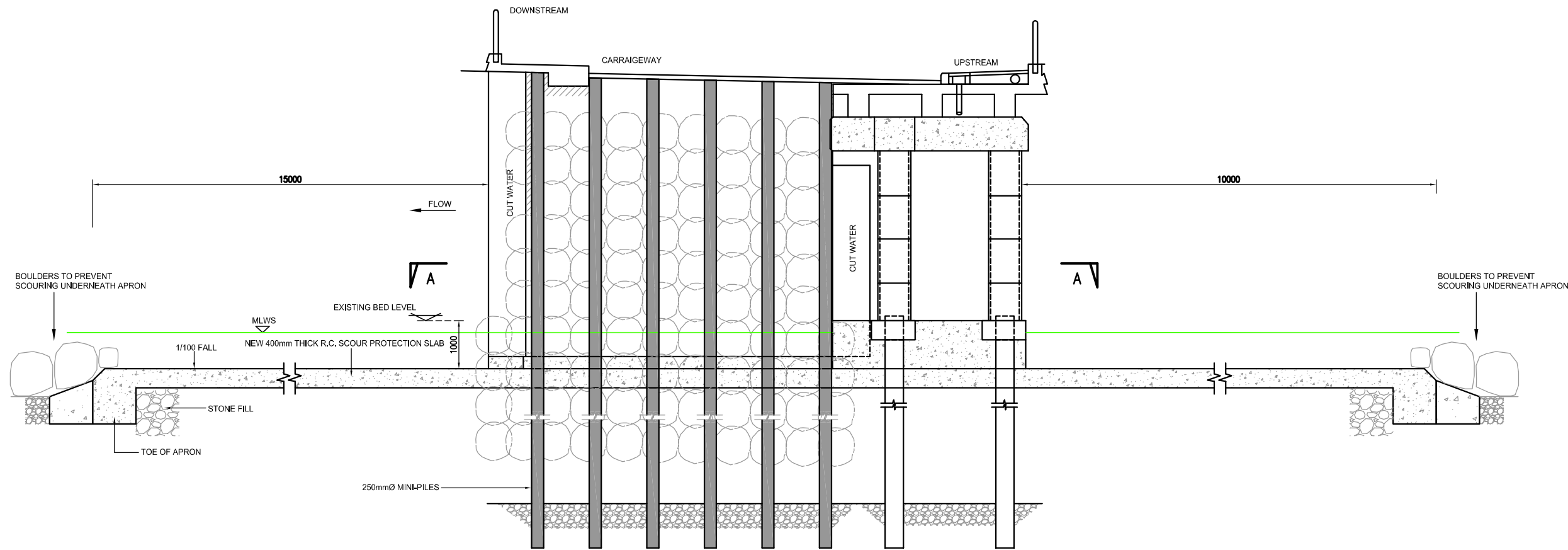
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DOWNSTREAM ELEVATION SCALE 1/50



SECTIONAL PLAN A-A SCALE 1/50



SECTION B-B SCALE 1/50

PO	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
A1	06.06.18	ISSUE FOR APPROVAL	NM	KT	KT
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

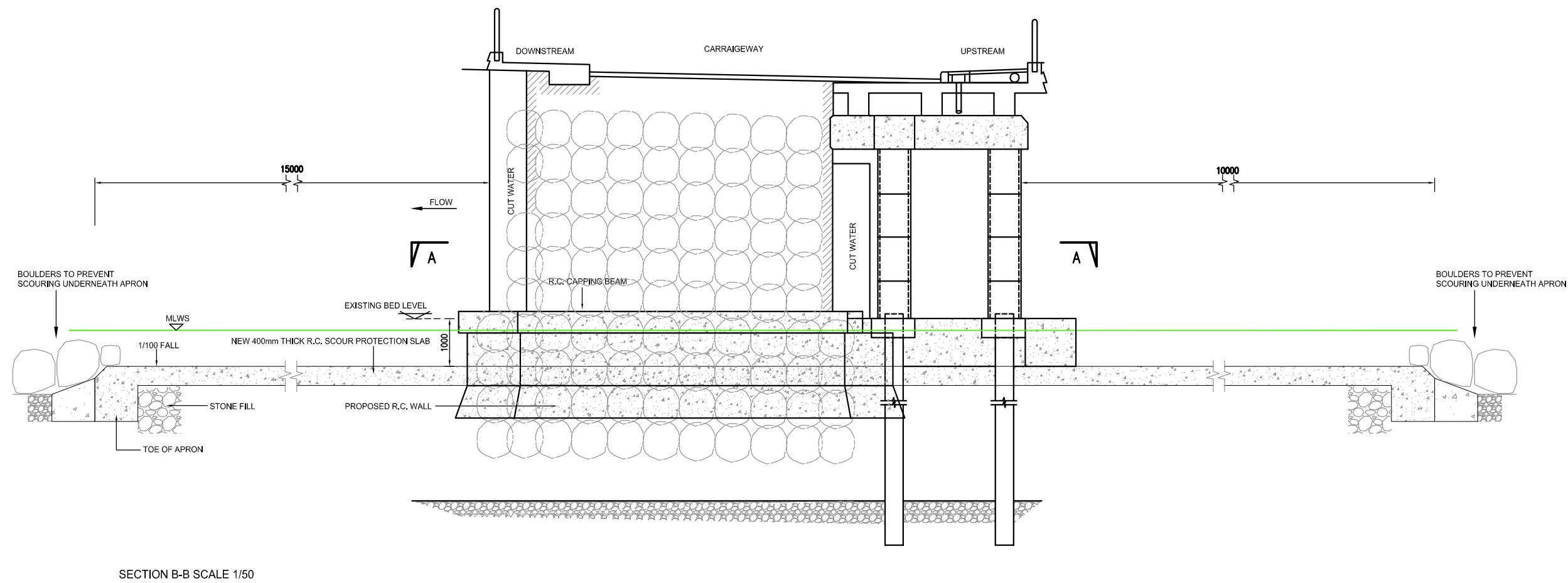
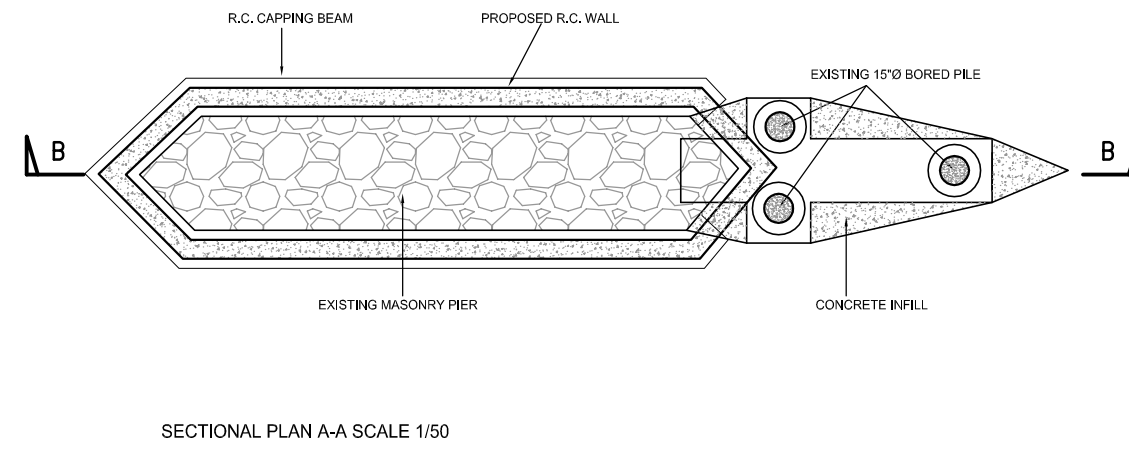
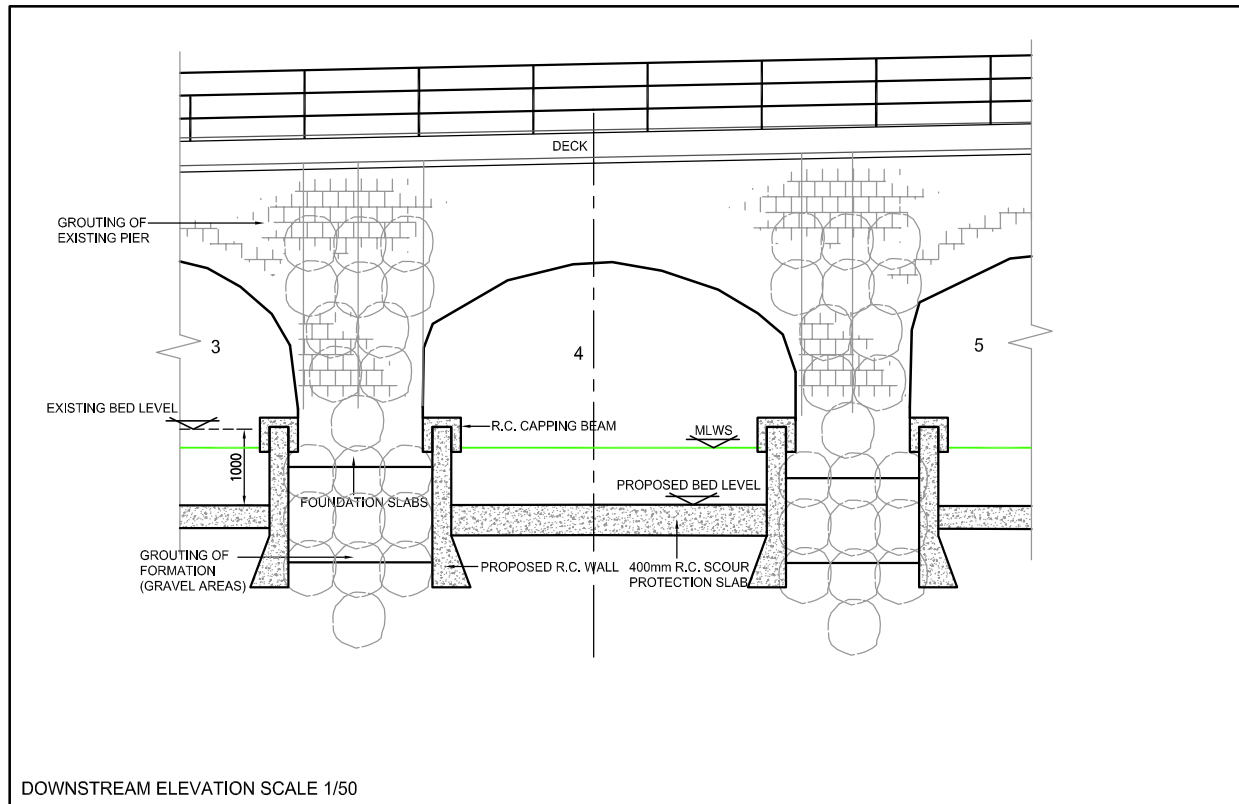
DRAWING TITLE
ARKLOW BRIDGE UNDERPINNING OPTION 3

STATUS
FOR PLANNING

Date: 31.05.18	Scale: AS SHOWN	Drawn: NM	Chk: KT	App: KT
Project No: PH00886/01	Drg. No: 1009	Rev:	PO	

NOTES:

1. DO NOT SCALE OFF DRAWING
2. DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
3. DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION



PO	Date	Description	By	Chk	App
11.03.21		ISSUED FOR PLANNING	LT	KBS	KT

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ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
ARKLOW BRIDGE UNDERPINNING OPTION 4

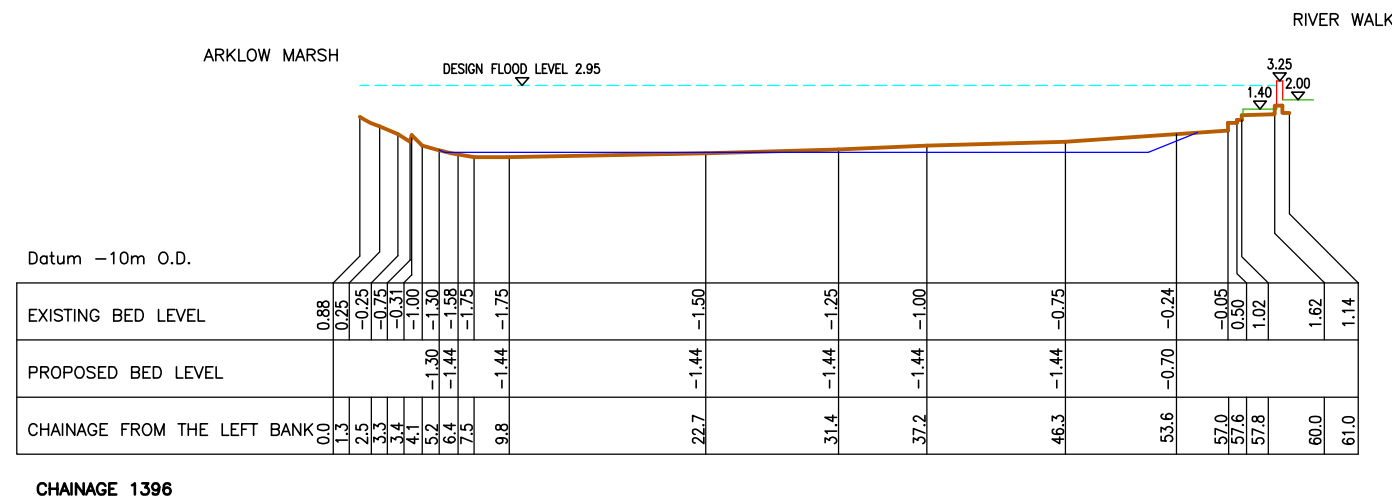
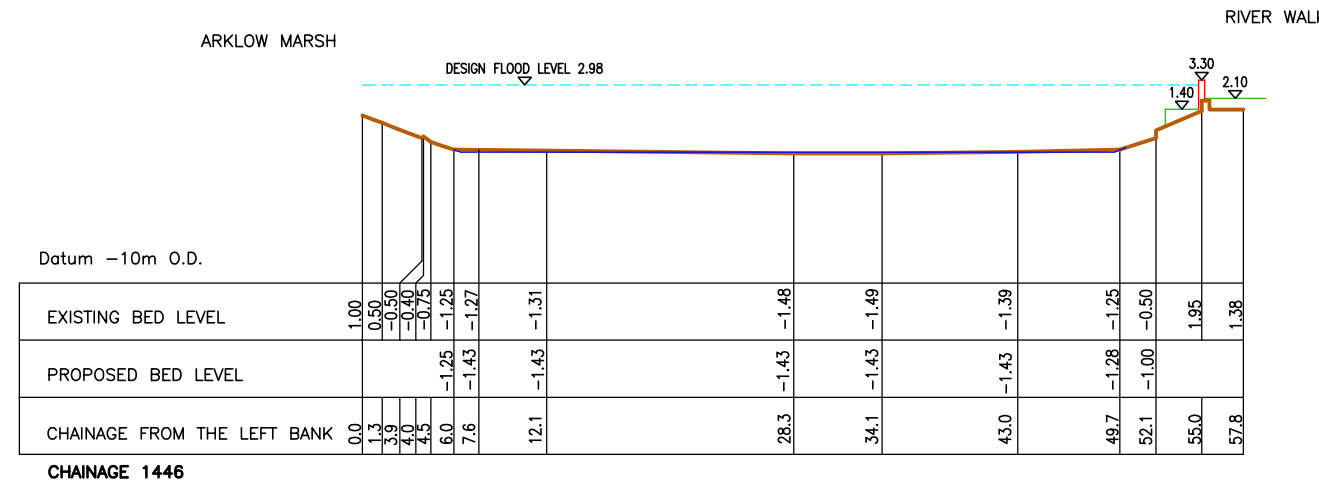
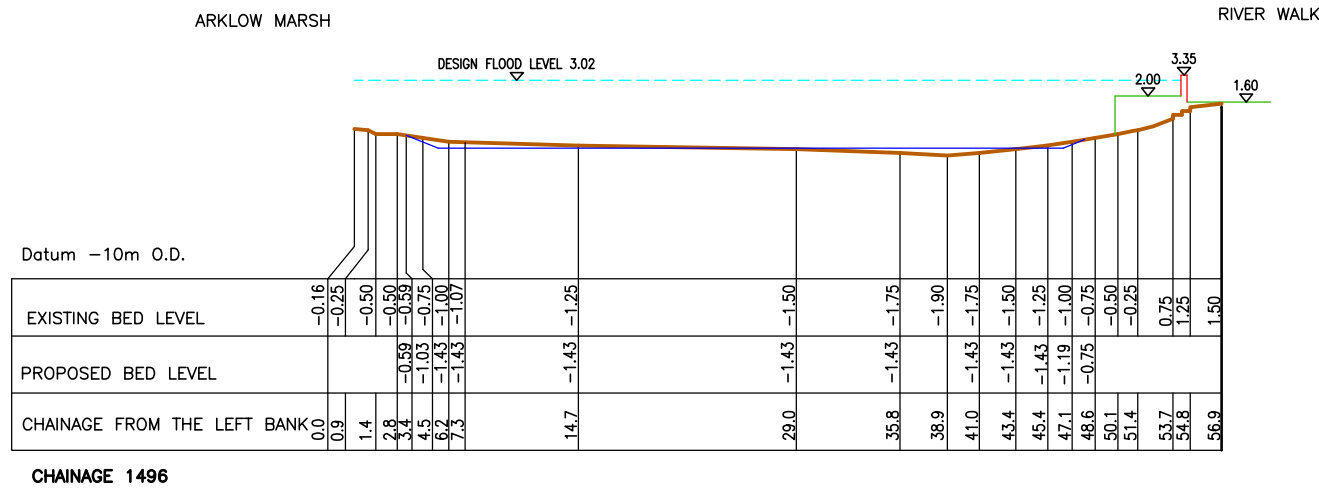
STATUS
FOR PLANNING

Date: 26.08.20	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1010	Rev:		PO

- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1003, 1012-1020.
 - 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	
PROPOSED RIP-RAP	



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	05.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.08.18	ISSUE FOR INFORMATION	NM	SH	KT

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**CHANNEL DREDGING WORKS
 CHANNEL CROSS SECTIONS
 SHEET 1**

STATUS
FOR PLANNING

Date: 12.07.18	Scale: 1:250	Drawn: CT	Chk: NM	App: KT
Project No: PH00886/01	Dwg. No: 1011	Rev: P4		

NOTES:

1. DO NOT SCALE OFF DRAWING
2. DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1003, 1011 & 1013-1020.
3. DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
4. ALL SIDE SLOPES ON DREDGE AREA AT: 2.5 HORIZ. TO 1 VERT.
5. REFER TO DRAWING 1003 FOR KEY PLAN OF CROSS SECTION LOCATIONS.
6. REFER TO DRAWING 1020 FOR PROPOSED TYPICAL CHANNEL EDGE DETAIL.
7. WHERE EXISTING BED LEVELS ARE LOWER THAN PROPOSED BED LEVELS, EXISTING BED LEVELS WILL BE MAINTAINED, EXCLUDING CONCRETE SCOUR SLAB EXTENT.

LEGEND

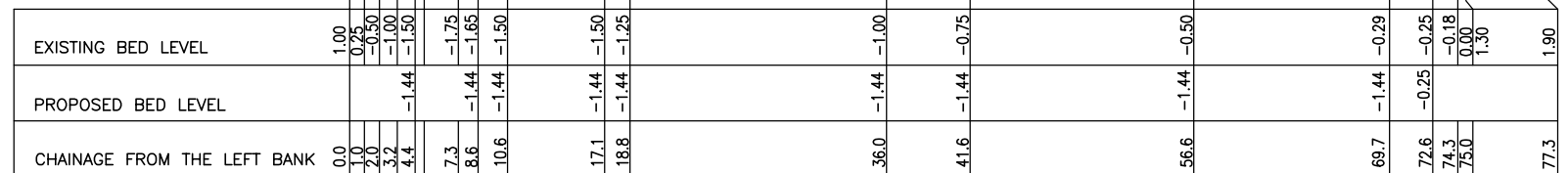
EXISTING BED LEVEL	
PROPOSED BED LEVEL	
INDICATIVE MLWS	
DESIGN FLOOD LEVEL	
FLOOD DEFENCE WALLS	
GROUND LEVEL	
PROPOSED SOIL FILLED GEOTEXTILE SACKS	
PROPOSED RIP-RAP	
LOCAL RAISING OF RIVERBED	

ARKLOW MARSH

RIVER WALK

DESIGN FLOOD LEVEL 2.91

Datum -10m O.D.



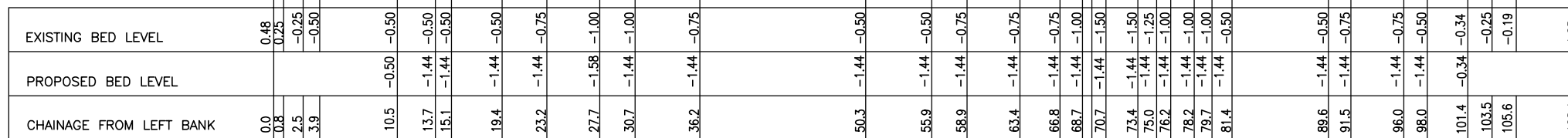
CHAINAGE 1346

ARKLOW MARSH

RIVER WALK

DESIGN FLOOD LEVEL 2.87

Datum -10m O.D.



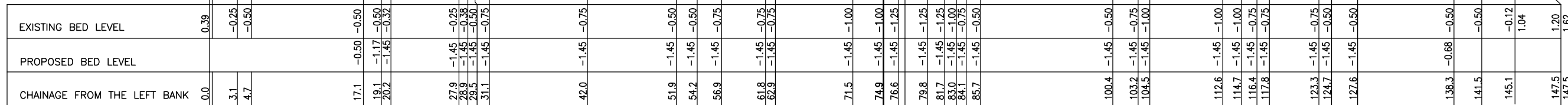
CHAINAGE 1296

ARKLOW MARSH

RIVER WALK

DESIGN FLOOD LEVEL 2.83

Datum -10m O.D.



CHAINAGE 1246

P5	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P4	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	15.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	05.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.08.18	ISSUE FOR INFORMATION	NM	SH	KT
Rev	Date	Description	By	Chk	App

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ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**CHANNEL DREDGING WORKS
 CHANNEL CROSS SECTIONS
 SHEET 2**

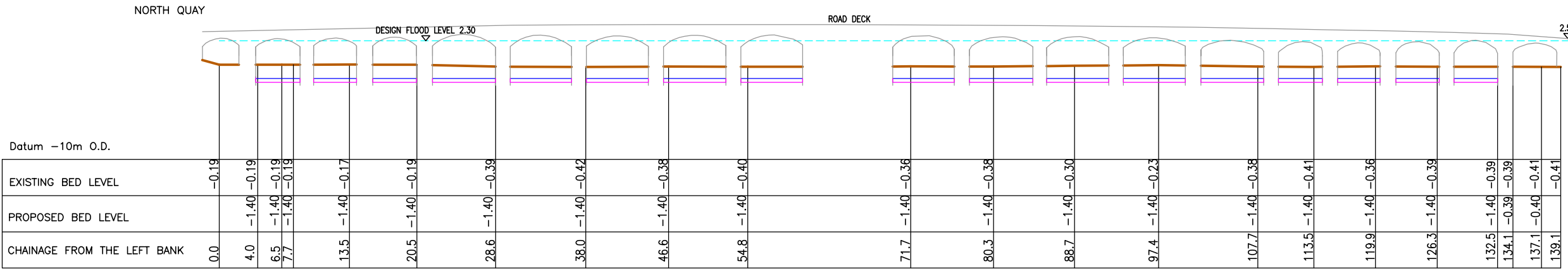
STATUS
FOR PLANNING

Date:	12.07.18	Scale:	1:250	Drawn:	CT	Chk:	NM	App:	KT
Project No:	PH00886/01	Org. No:	1012	Rev:	P5				

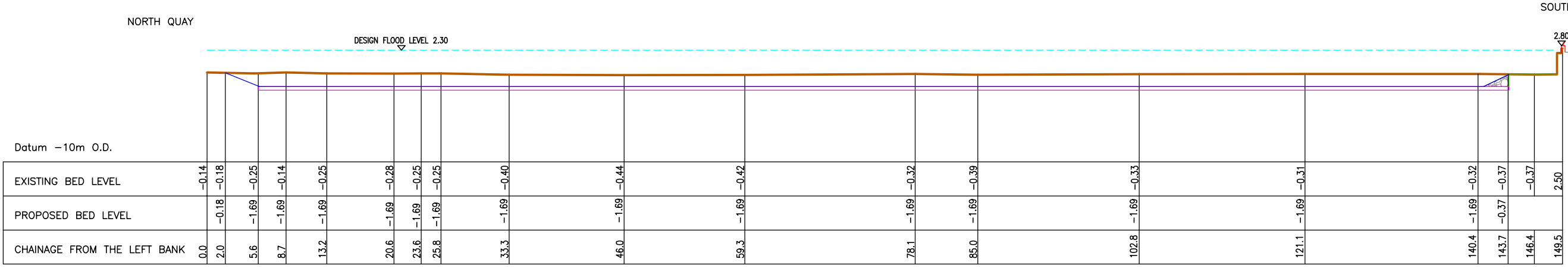
- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1003, 1011-1013, & 1015-1020.
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - ALL SIDE SLOPES ON DREDGE AREA AT: 2.5 HORIZ. TO 1 VERT.
 - REFER TO DRAWING 1003 FOR KEY PLAN OF CROSS SECTION LOCATIONS.
 - 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

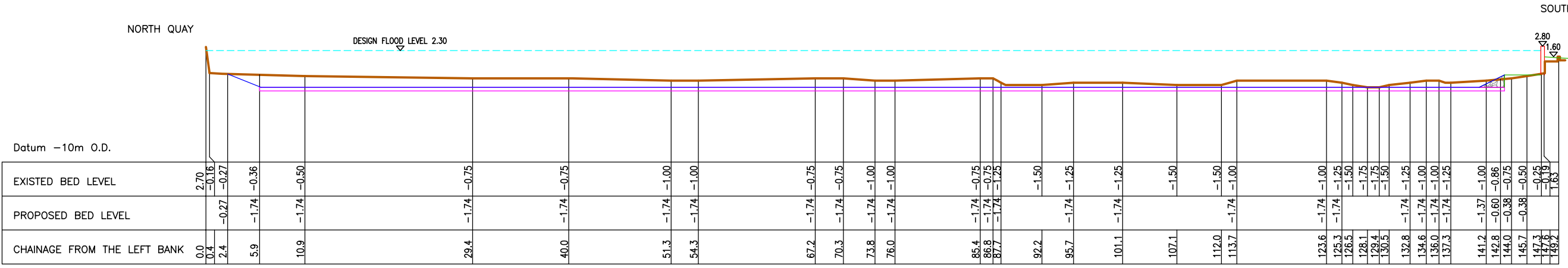
EXISTING BED LEVEL	
PROPOSED BED LEVEL	
INDICATIVE MLWS	
DESIGN FLOOD LEVEL	
FLOOD DEFENCE WALLS	
GROUND LEVEL	
SCOUR PROTECTION SLAB	
PROPOSED RIP-RAP	



CHAINAGE 1179



CHAINAGE 1172



CHAINAGE 1167

Rev	Date	Description	By	Chk	App
P5	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P4	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	15.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	05.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.08.18	ISSUE FOR INFORMATION	NM	SH	KT

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DRAWING TITLE
**CHANNEL DREDGING WORKS
 CHANNEL CROSS SECTIONS
 SHEET 4**

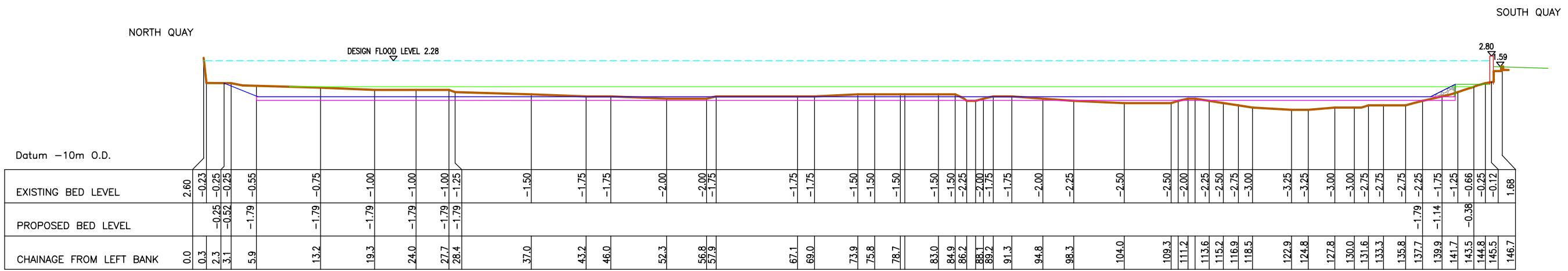
STATUS
FOR PLANNING

Date: 12.07.18	Scale: 1:250	Drawn: CT	Chk: NM	App: KT
Project No: PH00886/01	Dwg. No: 1014	Rev: P5		

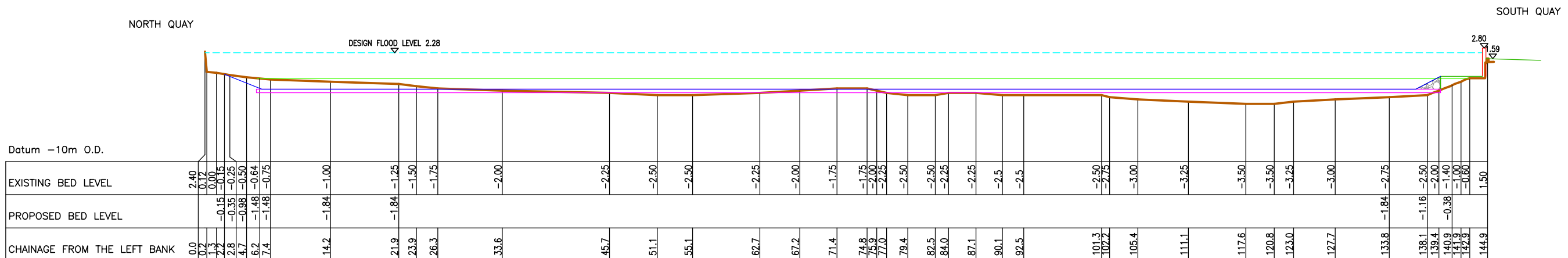
- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1003, 1011-1014, & 1016-1020.
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - ALL SIDE SLOPES ON DREDGE AREA AT: 2.5 HORIZ. TO 1 VERT.
 - REFER TO DRAWING 1003 FOR KEY PLAN OF CROSS SECTION LOCATIONS.
 - 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

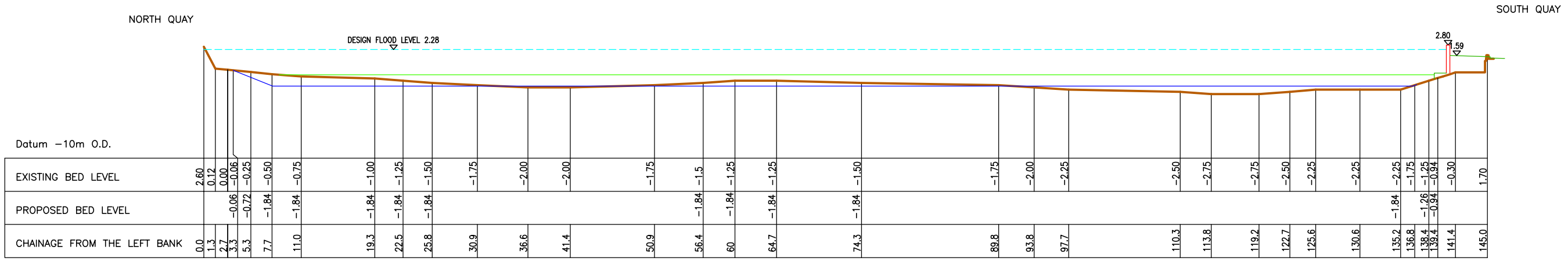
EXISTING BED LEVEL	
PROPOSED BED LEVEL	
INDICATIVE MLWS	
DESIGN FLOOD LEVEL	
FLOOD DEFENCE WALLS	
GROUND LEVEL	
SCOUR PROTECTION SLAB	
PROPOSED RIP-RAP	



CHAINAGE 1162



CHAINAGE 1157



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	05.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.08.18	ISSUE FOR INFORMATION	NM	SH	KT

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

STATUS
FOR PLANNING

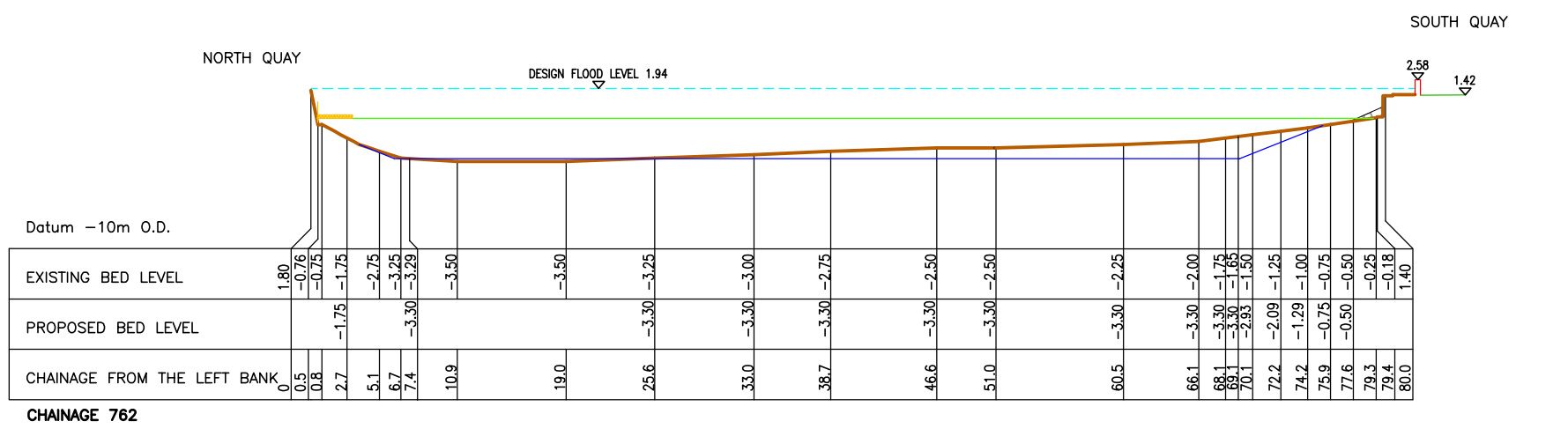
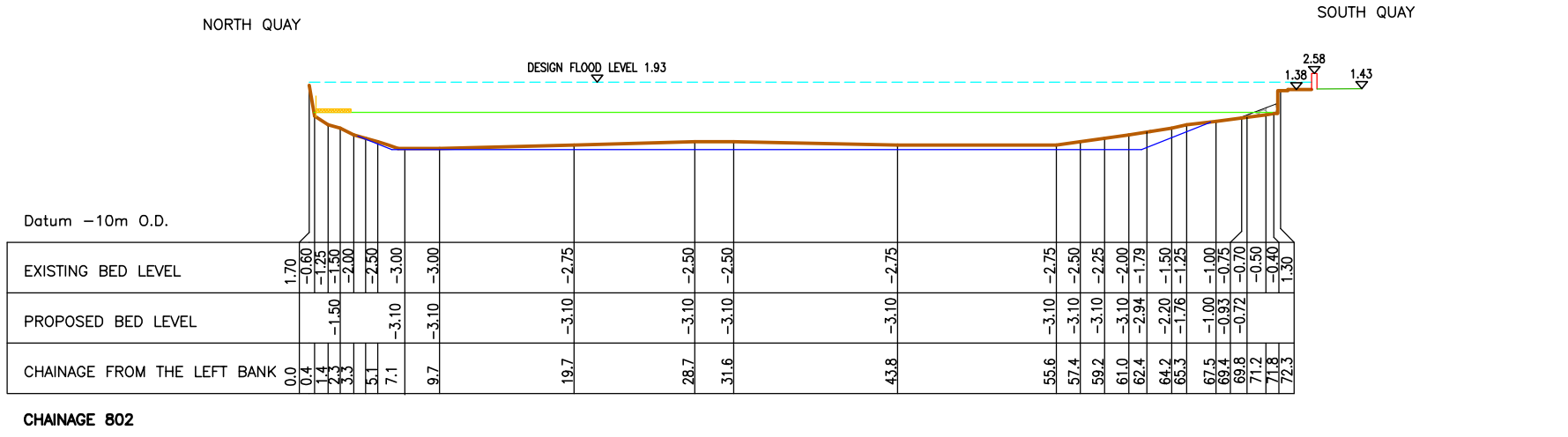
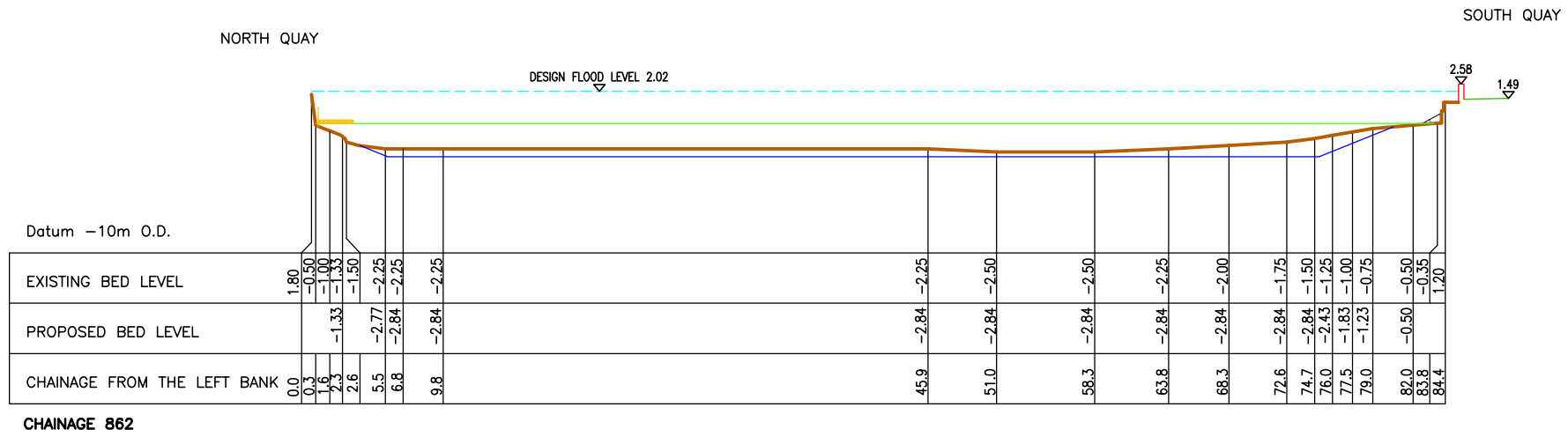
Date: 12.07.18	Scale: 1:250	Drawn: CT	Chk: NM	App: KT
Project No: PH00886/01	Org. No: 1015	Rev: P4		

NOTES:

- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1003, 1011-1016, & 1018-1020.
- 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.
- EXISTING SOUTH BANK QUAY WALL TO BE PROTECTED AND RETAINED FROM APPROXIMATELY CHAINAGES 755 TO 870 WITH PROPOSED RIP-RAP

LEGEND

- EXISTING BED LEVEL
- PROPOSED BED LEVEL
- INDICATIVE MLWS
- DESIGN FLOOD LEVEL
- FLOOD DEFENCE WALLS
- GROUND LEVEL
- EXISTING PONTOON & SUPPORT STRUCTURE
- PROPOSED RIP-RAP



Rev	Date	Description	By	Chk	App
P5	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P4	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	15.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	05.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.08.18	ISSUE FOR INFORMATION	NM	SH	KT

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**CHANNEL DREDGING WORKS
 CHANNEL CROSS SECTIONS
 SHEET 7**

STATUS
FOR PLANNING

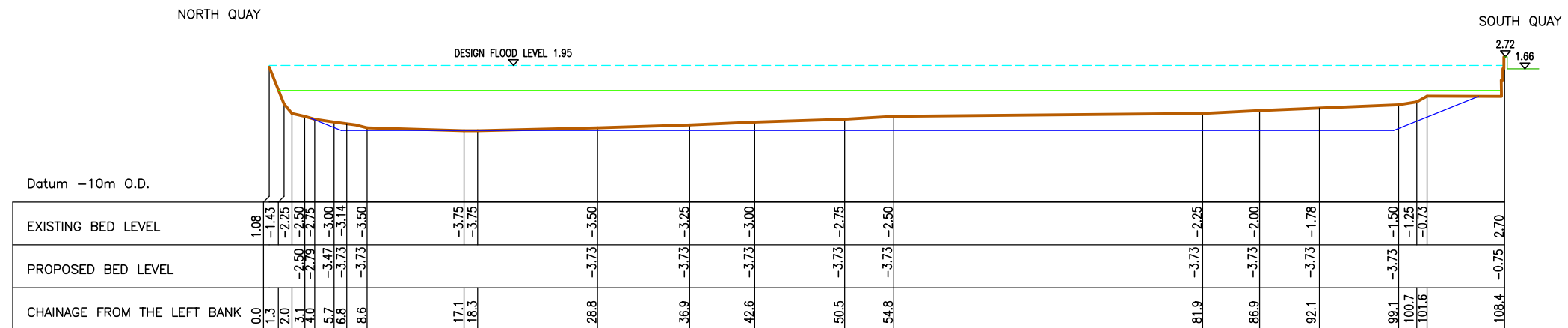
Date: 12.07.18	Scale: 1:250	Drawn: CT	Chk: NM	App: KT
Project No: PH00886/01	Dwg. No: 1017	Rev: P5		

NOTES:

- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1003, 1011-1017, & 1019-1020.
- 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	
PROPOSED RIP-RAP	



CHAINAGE 662

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	05.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT

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DRAWING TITLE
**CHANNEL DREDGING WORKS
 CHANNEL CROSS SECTIONS
 SHEET 8**

STATUS
FOR PLANNING

Date: 12.07.18 Scale: 1:250 Drawn: CT Chk: NM App: KT
 Project No: PH00886/01 Drg. No: 1018 Rev: P4

NOTES:

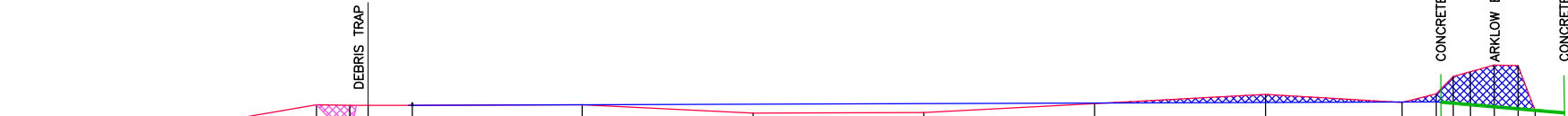
- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1003, 1011-1018, & 1020.
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
- ALL SIDE SLOPES ON DREDGE AREA AT: 2.5 HORIZ. TO 1 VERT.
- REFER TO DWG No. 1003 FOR KEY PLAN OF CROSS SECTION LOCATIONS.
- WHERE EXISTING 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	
PROPOSED DREDGE	
PROPOSED GRAVEL TRAP	
PROPOSED ROCKFILL W/ RIP-RAP FINISH	

Datum -10m O.D.

	1546	1524	1514	1509	1496	1446	1396	1346	1296	1246	1206	1196	1191	1186	1179	1172	1167
EXISTING BED LEVEL	-1.83	-1.42	-1.43	-1.43	-1.43	-1.49	-1.75	-1.75	-1.50	-1.25	-1.50	-1.25	-0.75	-0.61	-0.42	-0.44	-1.50
PROPOSED BED LEVEL	-1.93	-1.42	-2.43	-1.43	-1.43	-1.43	-1.44	-1.44	-1.44	-1.45	-1.45	-1.45	-1.50	-1.55	-1.62	-1.69	-1.85
CHAINAGE																	

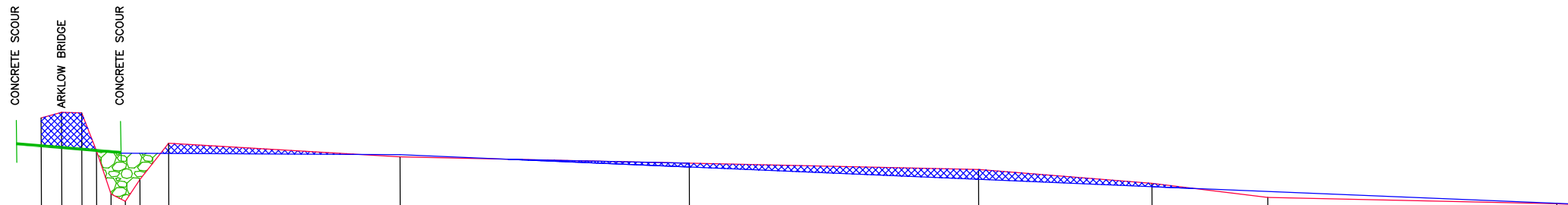
SCALE: VERT 1:100 / HORIZ 1:1000



Datum -10m O.D.

	1186	1179	1172	1167	1162	1157	1152	1142	1062	962	862	802	762	662	656
EXISTING BED LEVEL	-0.61	-0.42	-0.44	-1.74	-1.75	-3.25	-2.75	-1.50	-2.00	-2.25	-2.50	-3.00	-3.50	-3.75	-3.78
PROPOSED BED LEVEL	-1.55	-1.62	-1.69	-1.74	-1.75	-3.50	-2.75	-1.85	-1.90	-2.38	-2.84	-3.10	-3.30	-3.73	-3.76
CHAINAGE															

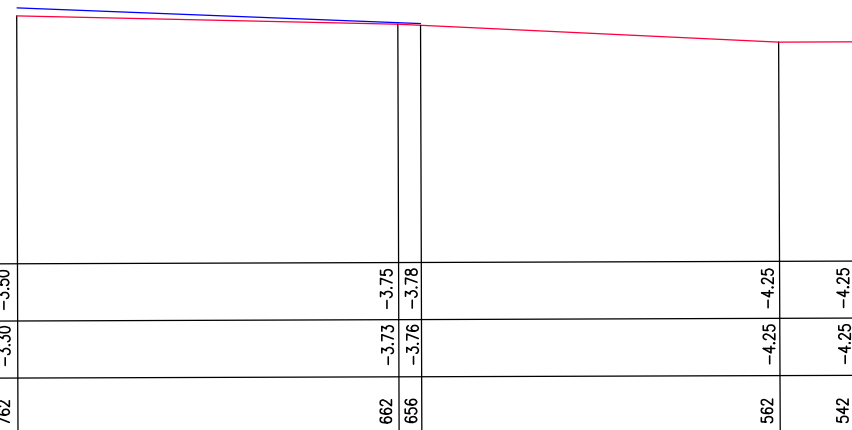
SCALE: VERT 1:100 / HORIZ 1:1000



Datum -10m O.D.

	762	662	656	562	542
EXISTING BED LEVEL	-3.50	-3.75	-3.78	-4.25	-4.25
PROPOSED BED LEVEL	-3.30	-3.73	-3.76	-4.25	-4.25
CHAINAGE					

SCALE: VERT 1:100 / HORIZ 1:1000



Rev	Date	Description	By	Chk	App
P5	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P4	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	15.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	05.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.08.18	ISSUE FOR INFORMATION	NM	SH	KT

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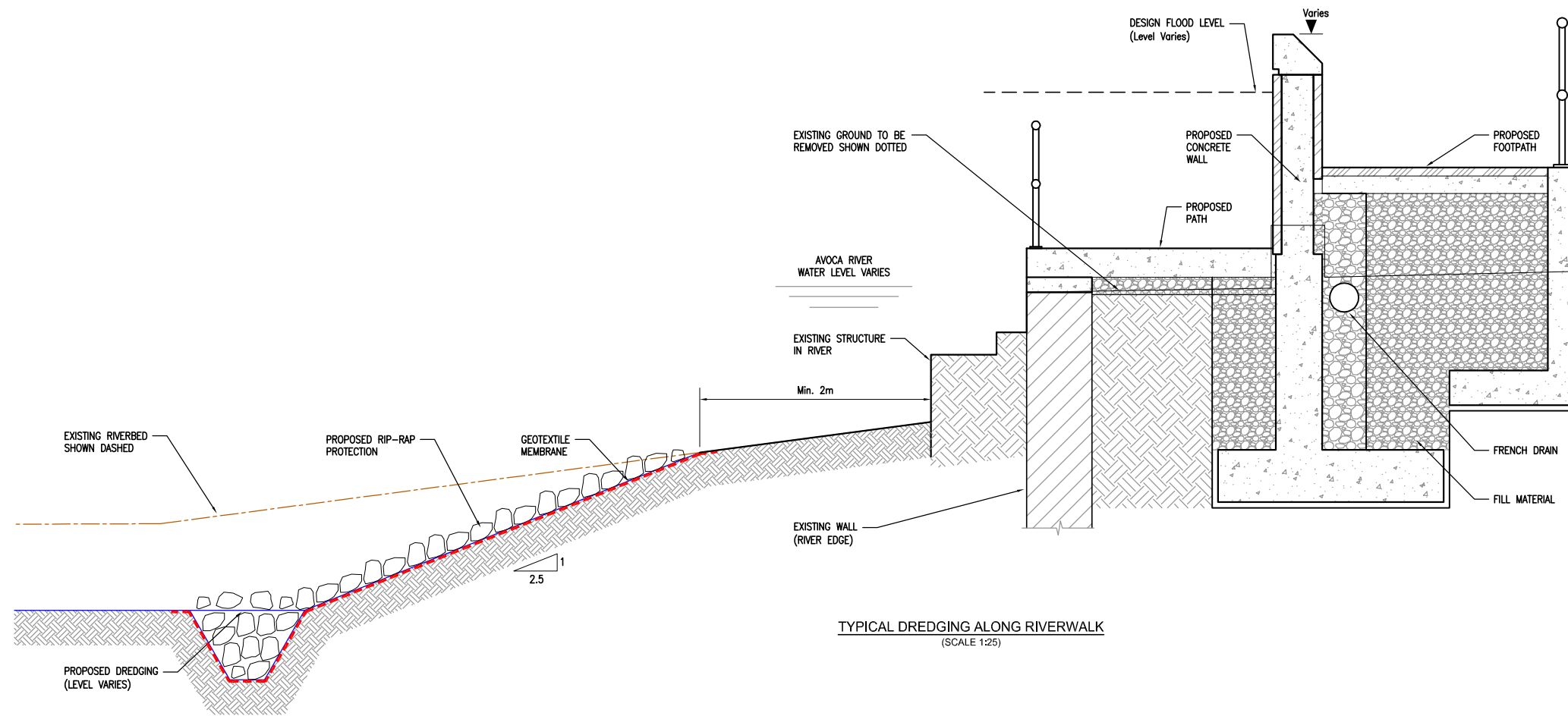
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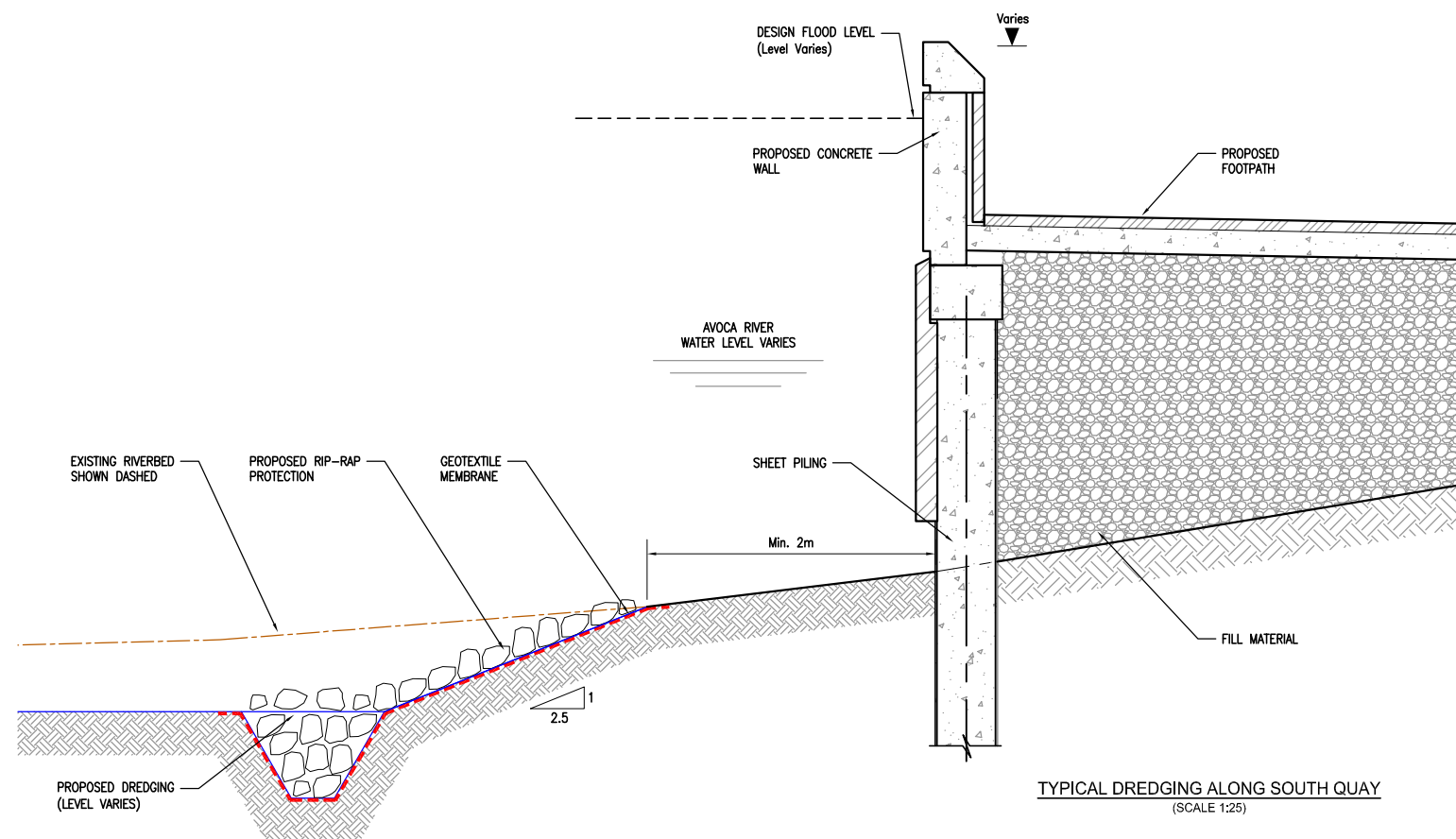
DRAWING TITLE
**CHANNEL DREDGING WORKS
 LONGITUDINAL SECTION**

STATUS
FOR PLANNING

Date: 16.07.18	Scale: AS SHOWN	Drawn: CT	Chk: NM	App: KT
Project No: PH00886/01	Dwg. No: 1019	Rev: P5		



TYPICAL DREDGING ALONG RIVERWALK
(SCALE 1:25)



TYPICAL DREDGING ALONG SOUTH QUAY
(SCALE 1:25)

- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1003 & 1011-1019.
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - ALL SIDE SLOPES ON DREDGE AREA AT: 2.5 HORIZ. TO 1 VERT.
 - REFER TO DWG No. 1003 FOR KEY PLAN OF CROSS SECTION LOCATIONS.
 - WHERE EXISTING BED LEVELS ARE LOWER THAN PROPOSED BED LEVELS, EXISTING BED LEVELS WILL BE MAINTAINED, EXCLUDING CONCRETE SCOUR SLAB EXTENT.

LEGEND

DESIGN FLOOD LEVEL:	---
EXISTING GROUND:	[Hatched pattern]
PROPOSED ROAD LAYER WORKS:	[Diagonal hatched pattern]
PROPOSED FILL MATERIAL:	[Stippled pattern]
EXISTING BED LEVEL:	---
GEOTEXTILE MEMBRANE:	---

P2	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P1	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
PO	16.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
Rev	Date	Description	By	Chk	App

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**CHANNEL DREDGING WORKS
 TYPICAL DETAILS**

STATUS
FOR PLANNING

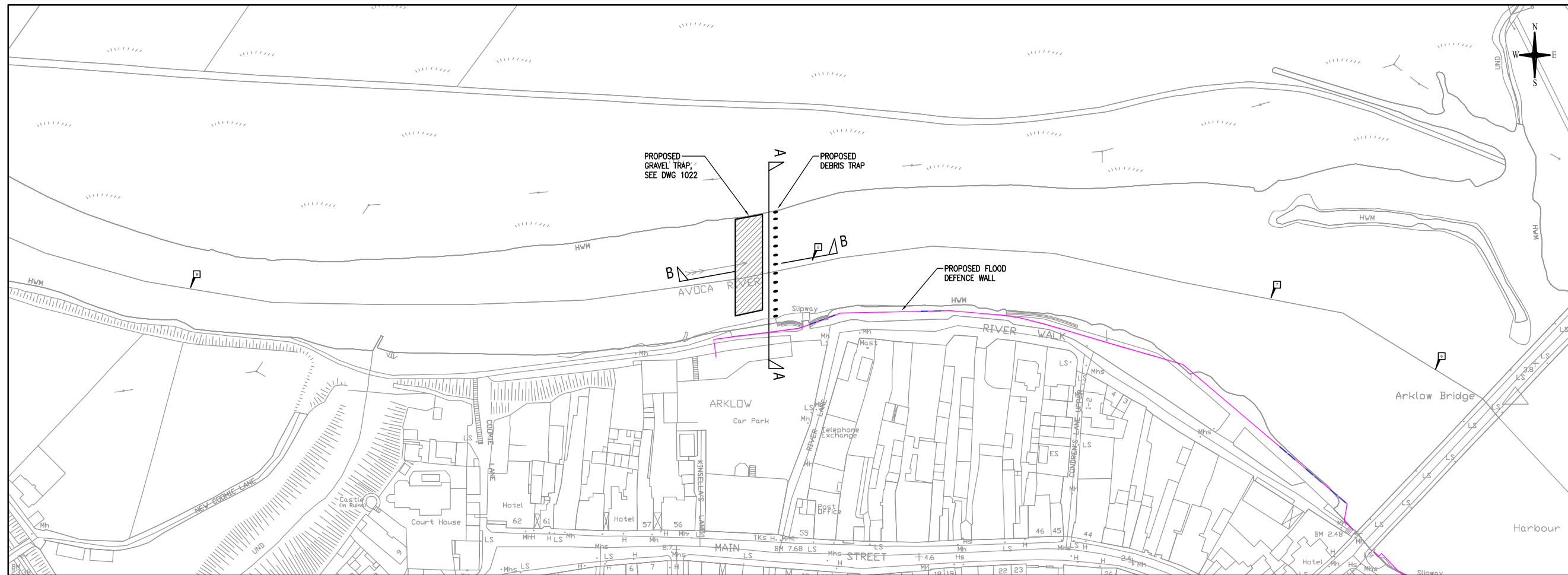
Date: 15.10.20	Scale: 1:25	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1020	Rev:	P2	

- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION

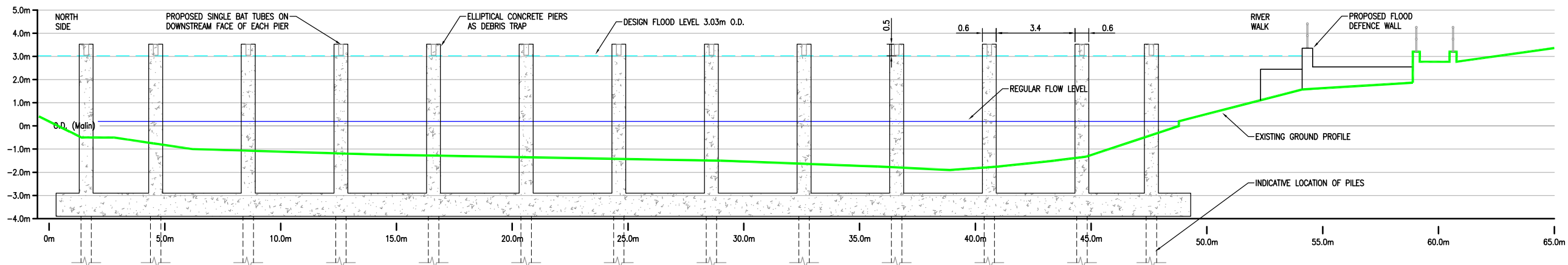
LEGEND:

- EXISTING GROUND PROFILE
- DEBRIS CHANNEL COLUMNS. COLUMNS TO BE 1.6m LONG x 0.6m WIDE ELLIPTICAL COLUMNS AT 4m CENTRES
- DESIGN FLOOD LEVEL
- PROPOSED FLOOD DEFENCE WALL

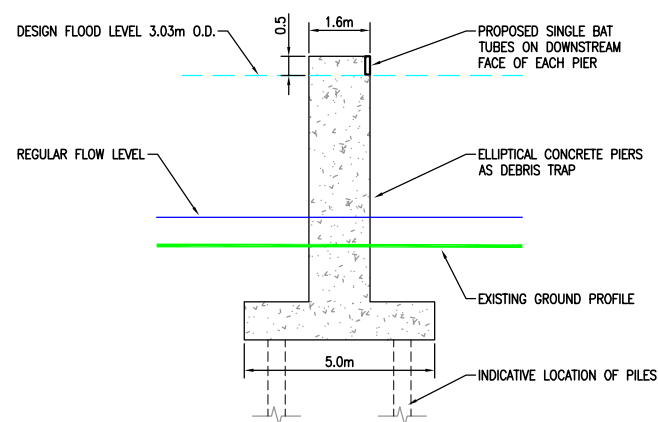
DESIGN FLOOD LEVELS	
REFERENCE SITE	FLOOD LEVEL (mOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03



DEBRIS TRAP LOCATION PLAN
SCALE 1:1000



DEBRIS TRAP SECTION A-A
SCALE 1:100



DEBRIS TRAP SECTION B-B
SCALE 1:100

Rev	Date	Description	By	Chk	App
P5	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P4	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	18.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	05.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.08.18	ISSUE FOR INFORMATION	NM	SH	KT

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ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**CHANNEL WORKS
DEBRIS TRAP**

STATUS
FOR PLANNING

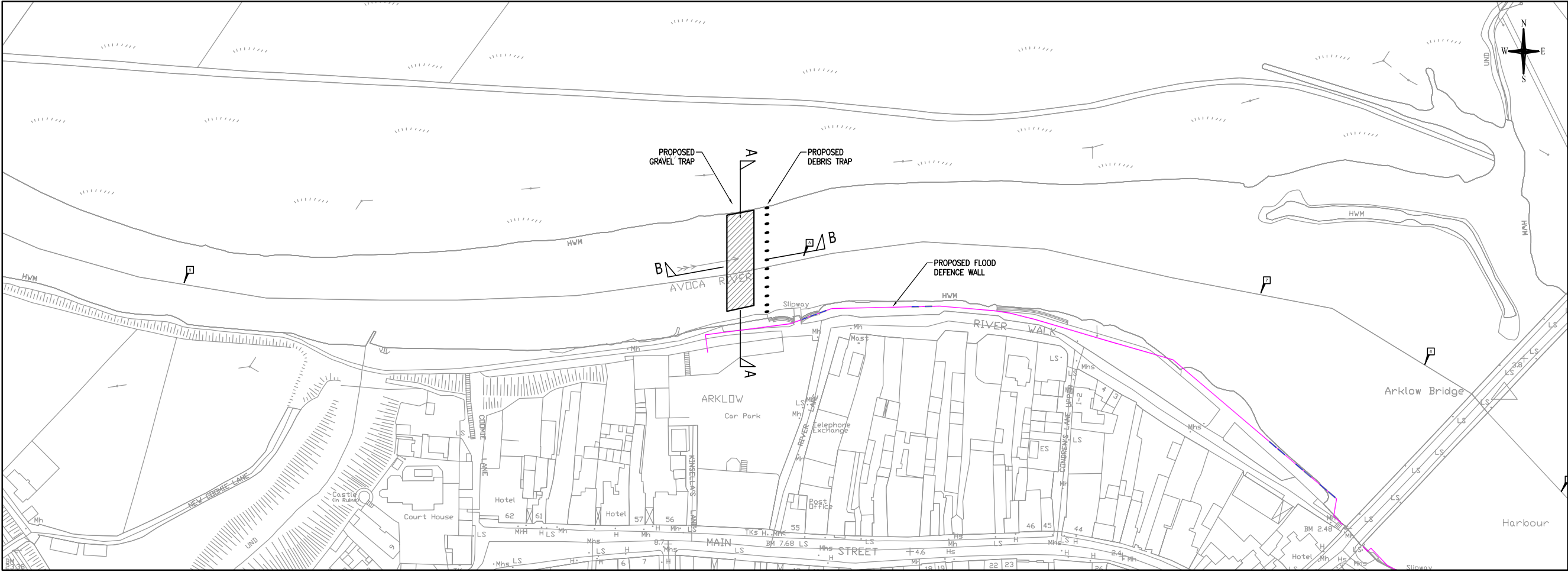
Date: 02.07.18	Scale: AS SHOWN	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1021	Rev: P5		

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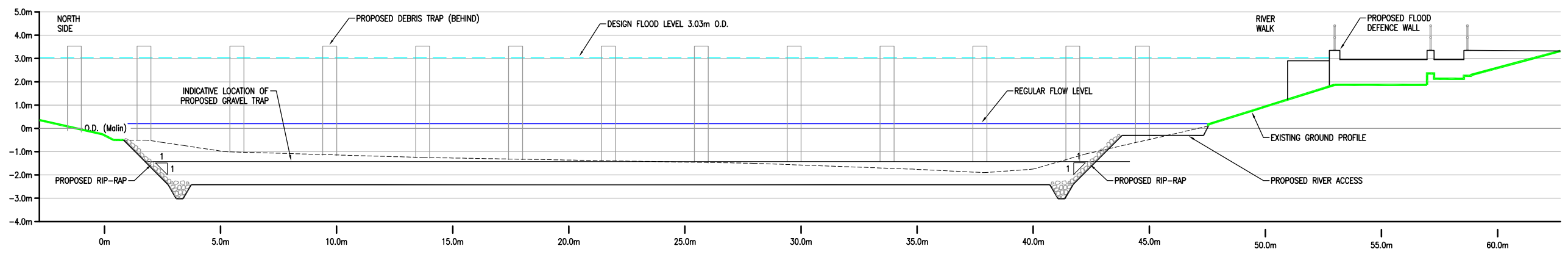
LEGEND:

- EXISTING GROUND PROFILE
- PROPOSED GRAVEL TRAP
- DESIGN FLOOD LEVEL
- PROPOSED FLOOD DEFENCE WALL
- EXISTING GROUND REMOVED

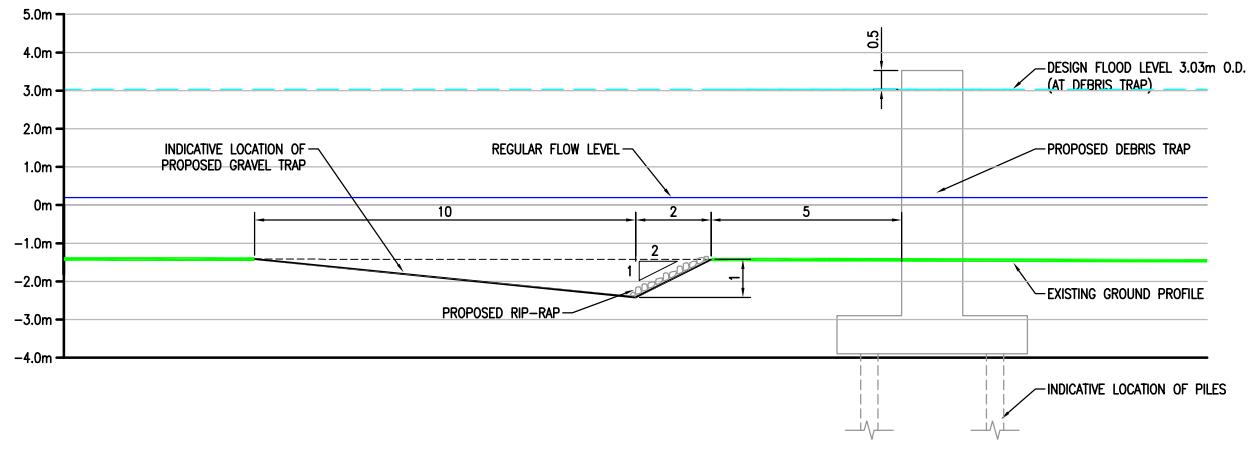
DESIGN FLOOD LEVELS	
REFERENCE SITE	FLOOD LEVEL (mOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03



DEBRIS TRAP LOCATION PLAN
SCALE 1:1000



DEBRIS TRAP SECTION A-A
SCALE 1:100



DEBRIS TRAP SECTION B-B
SCALE 1:100

Rev	Date	Description	By	Chk	App
P3	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P2	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P1	19.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P0	23.03.20	ISSUE FOR INFORMATION	LT	KBS	KT

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ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**CHANNEL WORKS
 GRAVEL TRAP**

STATUS
FOR PLANNING

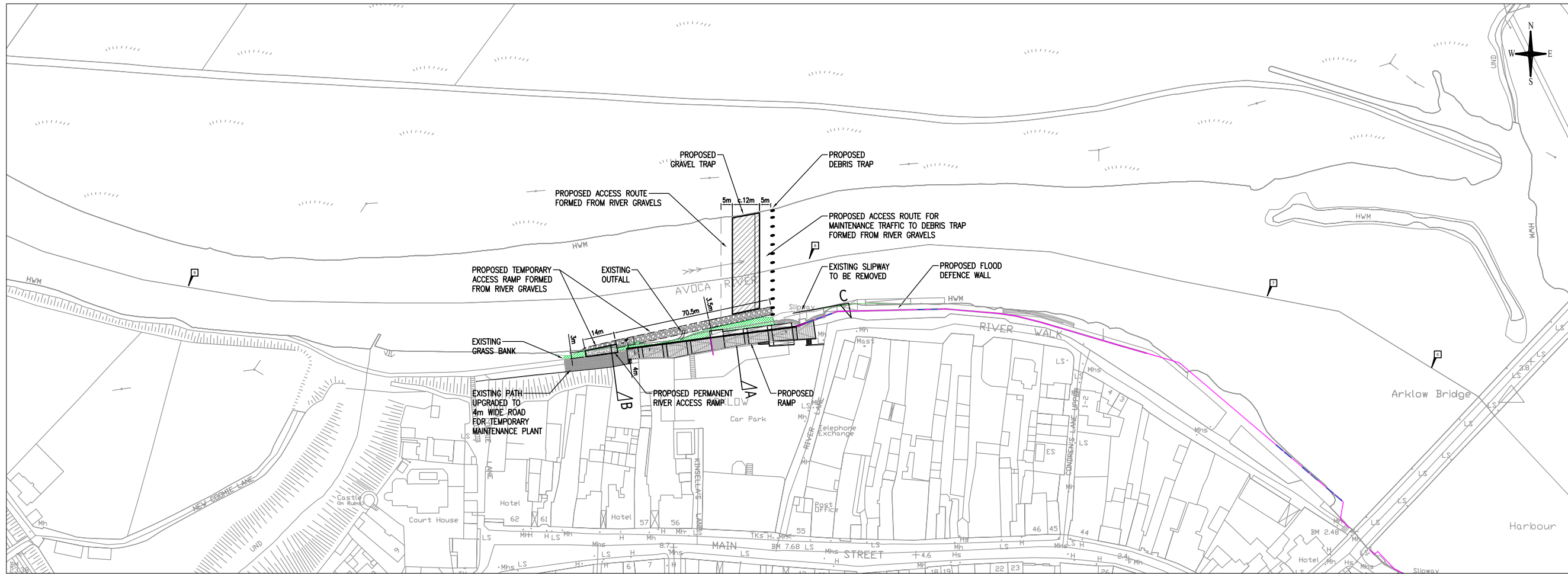
Date: 23.03.20	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1022	Rev: P3		

- DO NOT SCALE OFF DRAWING
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- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION

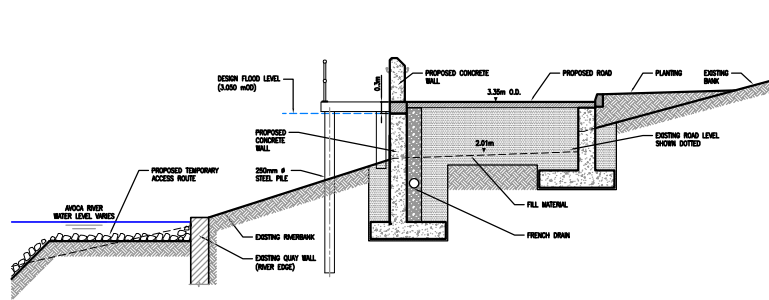
LEGEND:

- EXISTING GROUND PROFILE —
- EXISTING GRASSED AREA
- PROPOSED GRAVEL TRAP
- DESIGN FLOOD LEVEL ---
- PROPOSED FLOOD DEFENCE WALL —
- TEMPORARY RAMP ---
- EXISTING RIVERBED ---
- EXISTING GROUND REMOVED ---

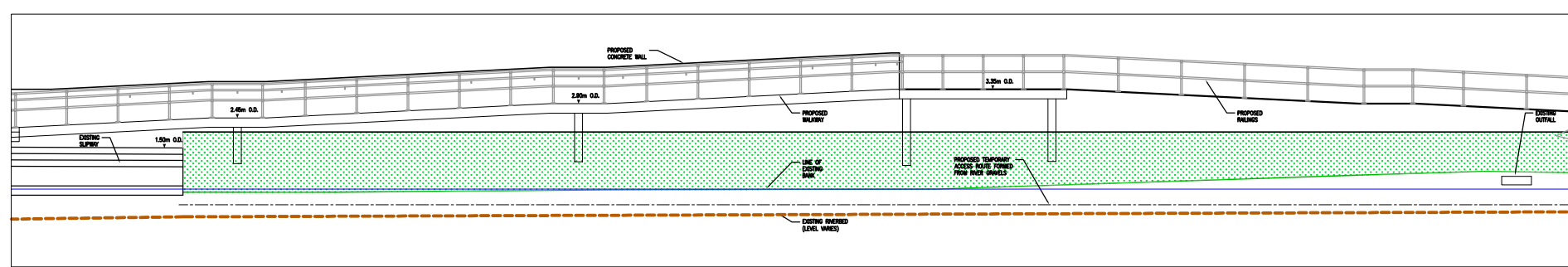
DESIGN FLOOD LEVELS	
REFERENCE SITE	FLOOD LEVEL (mOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03



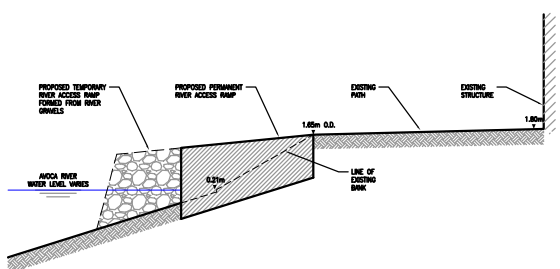
RIVER ACCESS RAMP LOCATION PLAN
SCALE 1:1000



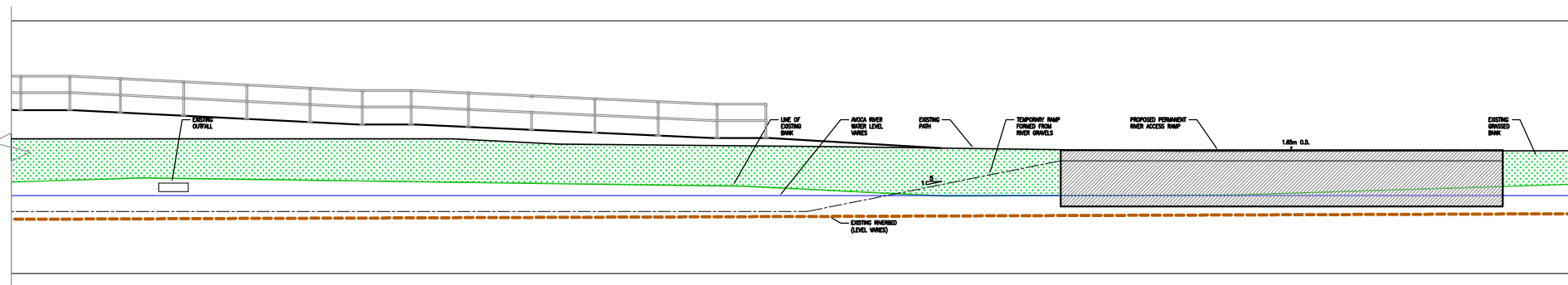
RIVER ACCESS SECTION A-A
SCALE 1:100



RIVER ACCESS SECTION C-C
SCALE 1:100



RIVER ACCESS SECTION B-B
SCALE 1:100



SECTION C-C (Contd.)

Rev	Date	Description	By	Chk	App
P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	19.10.20	ISSUE FOR INFORMATION	LT	KBS	KT

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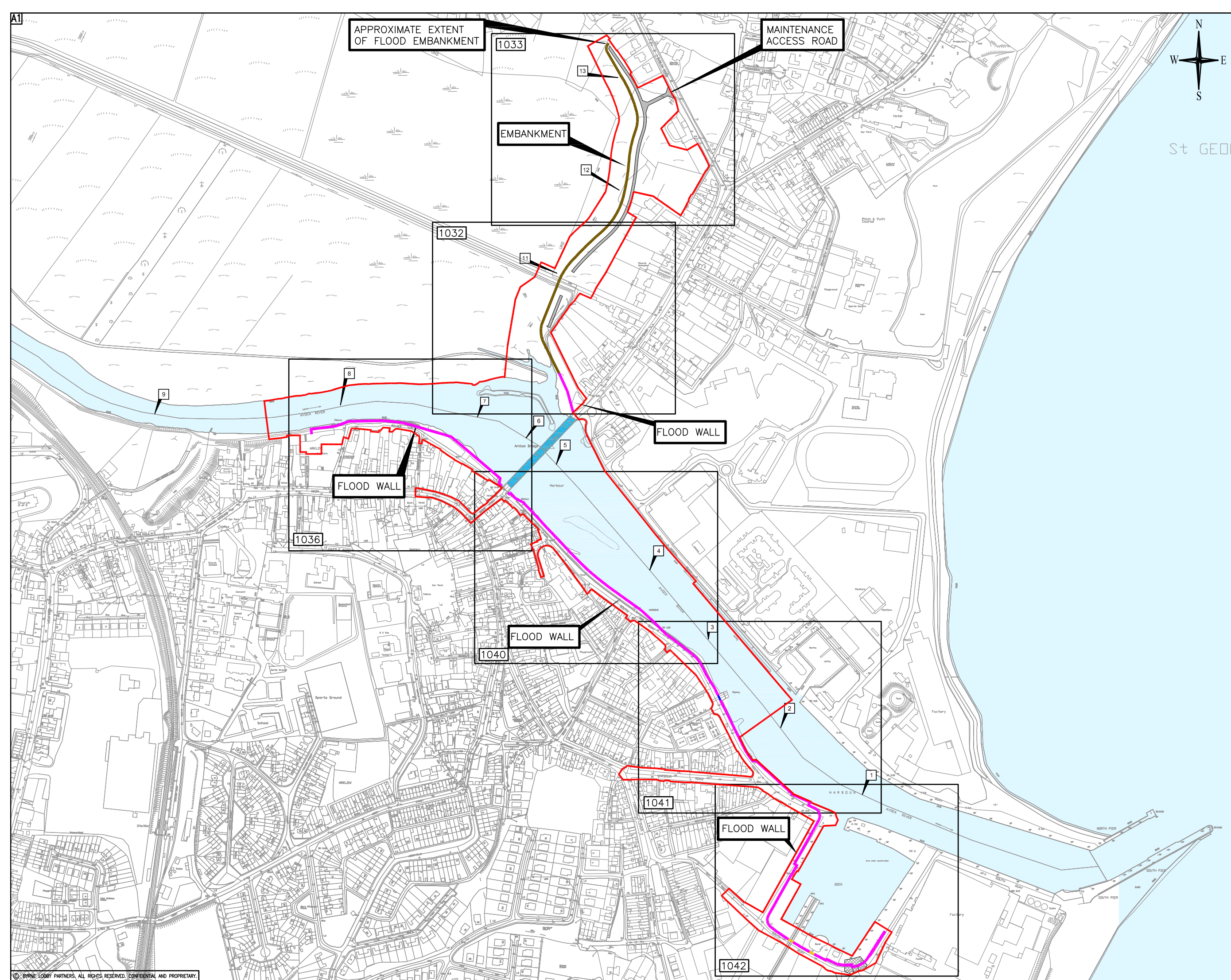
CLIENT
WICKLOW COUNTY COUNCIL

PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**CHANNEL WORKS
RIVER ACCESS RAMP TO DEBRIS TRAP
PLAN & SECTIONS**

STATUS
FOR PLANNING

Date: 03.04.20	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1023	Rev. No: P1		



APPROXIMATE EXTENT OF FLOOD EMBANKMENT

MAINTENANCE ACCESS ROAD

EMBANKMENT

FLOOD WALL

FLOOD WALL

FLOOD WALL

FLOOD WALL



St GEORGE'S

- GENERAL NOTES
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION

LEGEND

SITE BOUNDARY	
FLOOD WALL	
EMBANKMENT	
MAINTENANCE ACCESS TRACK	

DESIGN FLOOD LEVELS

REFERENCE SITE	FLOOD LEVEL (mOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03

Rev	Date	Description	By	Chk	App
P5	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P4	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	14.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	31.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT

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DRAWING TITLE
**FLOOD DEFENCE WALLS & EMBANKMENTS
 KEY PLAN**

STATUS
FOR PLANNING

Date: 02.07.18	Scale: 1/2500	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1031	Rev: P5		

- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - REFER TO DRAWING 1062 FOR DETAILS OF ANY RELOCATED UTILITIES IN ARKLOW MARSH
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

DESIGN FLOOD LEVELS	
REFERENCE SITE	FLOOD LEVEL (MOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03

LEGEND

EXISTING FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE WALL:	
PROPOSED FLOOD GATE:	
PROPOSED GLAZING IN FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE EMBANKMENTS:	
PROPOSED CHANNEL DIVERSION:	
DESIGN FLOOD LEVEL REF.:	
MAINTENANCE ACCESS TRACK:	
EXISTING PIPEWORK REMOVED:	
POST & RAIL FENCE:	
PROPOSED RIVERBANK FILL:	
PROPOSED RIP-RAP:	

P5	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P4	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	20.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	10.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	04.07.18	ISSUE FOR INFORMATION	PM	KT	KT
Rev	Date	Description	By	Chk	App

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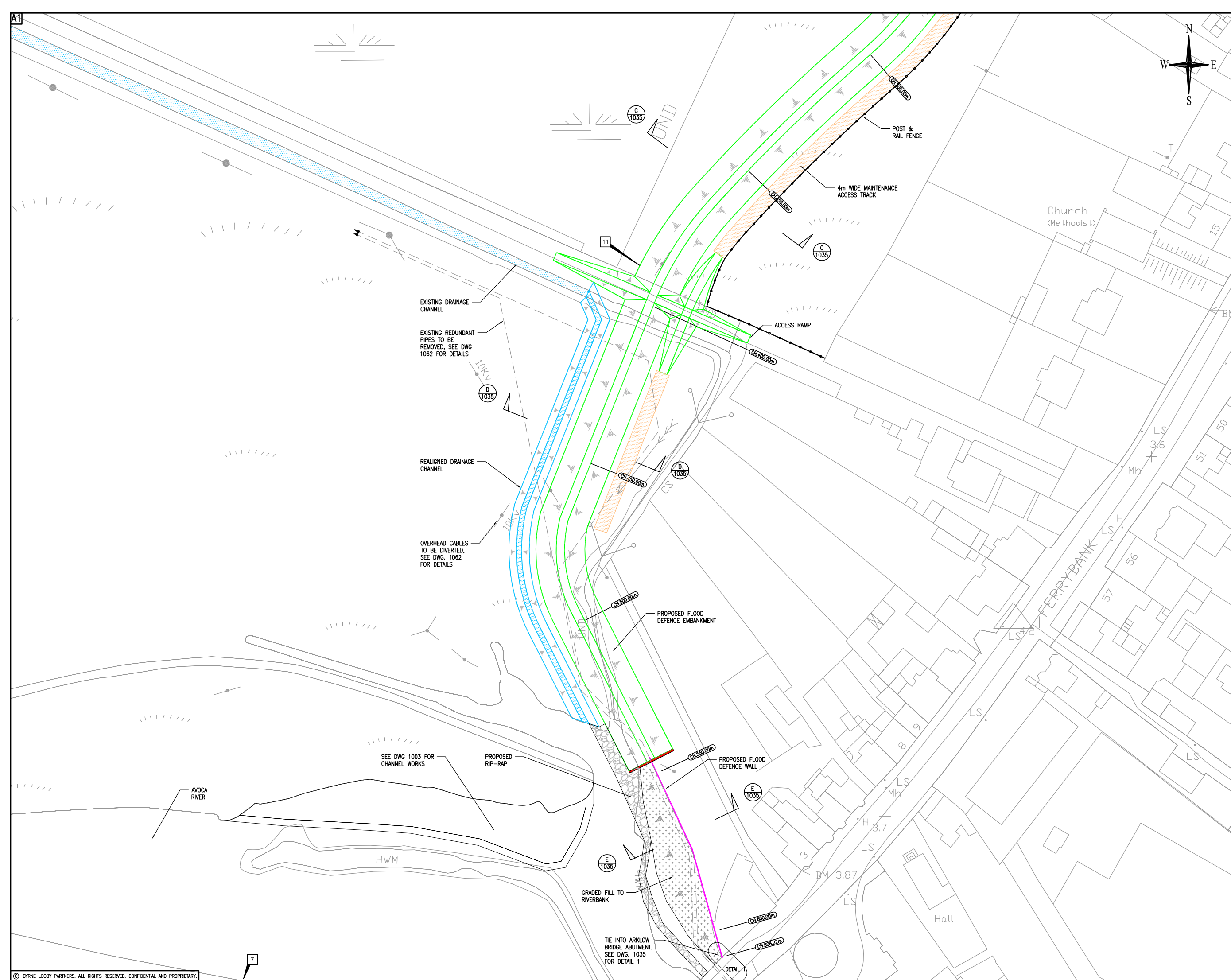
CLIENT
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**FLOOD DEFENCE WALLS & EMBANKMENTS
 NORTH BANK UPSTREAM OF ARKLOW BRIDGE
 LAYOUT PLAN SHEET 1 OF 2**

STATUS
FOR PLANNING

Date: 30.11.16	Scale: 1/500	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1032	Rev:	P5	



- NOTES:
- DO NOT SCALE OFF DRAWING
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 - REFER TO DRAWING 1062 FOR DETAILS OF ANY RELOCATED UTILITIES IN ARKLOW MARSH
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

DESIGN FLOOD LEVELS	
REFERENCE SITE	FLOOD LEVEL (MOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03

LEGEND

EXISTING FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE WALL:	
PROPOSED FLOOD GATE:	
PROPOSED GLAZING IN FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE EMBANKMENTS:	
PROPOSED CHANNEL DIVERSION:	
DESIGN FLOOD LEVEL REF.:	
MAINTENANCE ACCESS TRACK:	
ACCESS ROAD:	
POST & RAIL FENCE:	

Rev	Date	Description	By	Chk	App
P6	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P5	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P4	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	20.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	10.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	04.07.18	ISSUE FOR INFORMATION	PM	KT	KT

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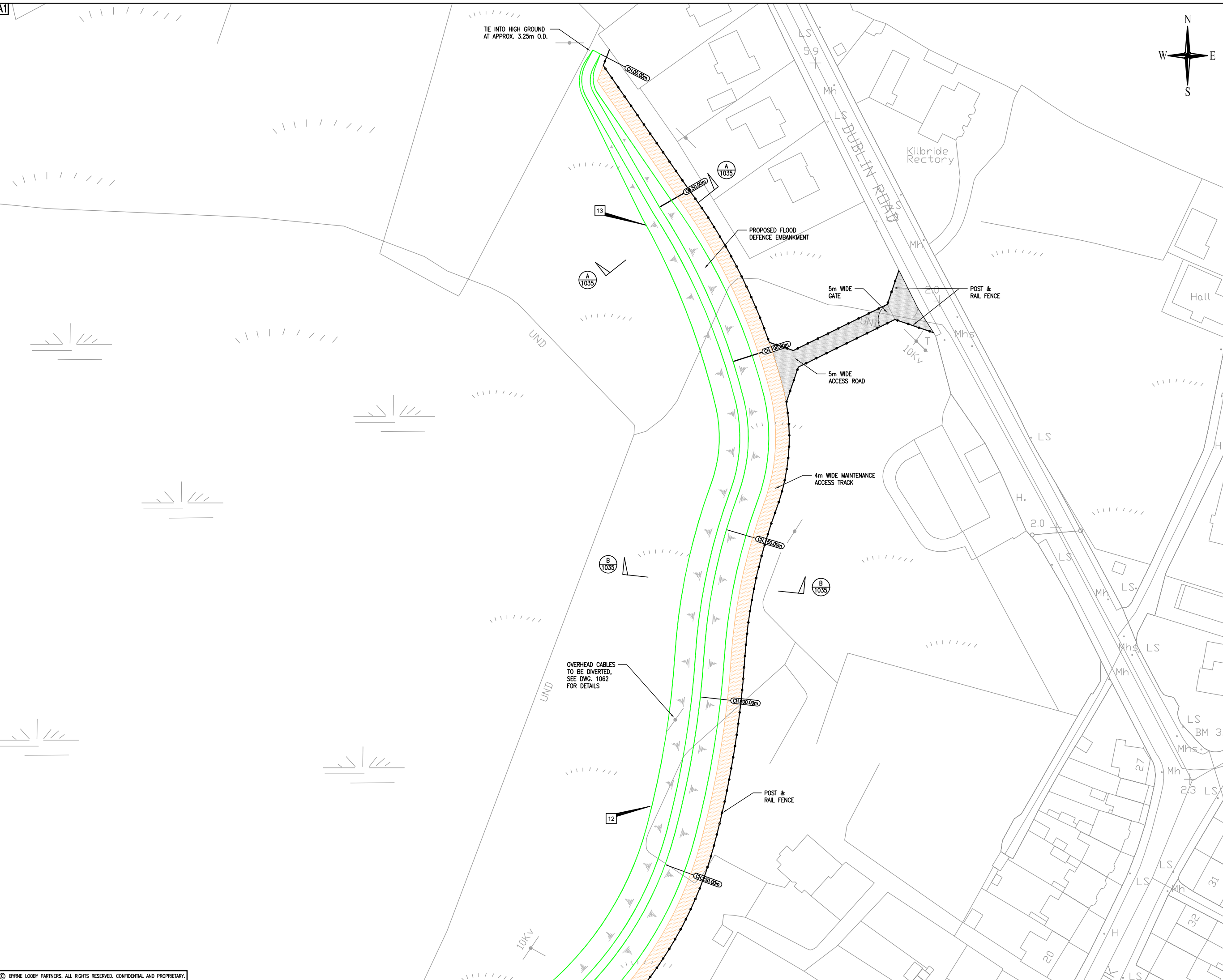
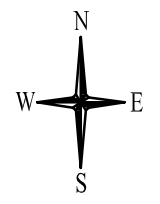
CLIENT
WICKLOW COUNTY COUNCIL

PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**FLOOD DEFENCE WALLS & EMBANKMENTS
 NORTH BANK UPSTREAM OF ARKLOW BRIDGE
 LAYOUT PLAN SHEET 2 OF 2**

STATUS
FOR PLANNING

Date: 30.11.16	Scale: 1/500	Drawn: PK	Chk: KT	App: KT
Project No: PH00886/01	Dwg. No: 1033	Rev: P6		

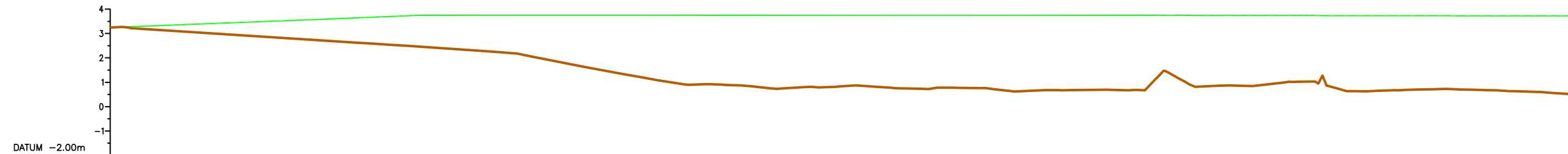


NOTES:

- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1031 - 1033 & 1035
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
- FOOTPATH LEVEL SHOWN IS INDICATIVE ONLY
- REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

LEGEND

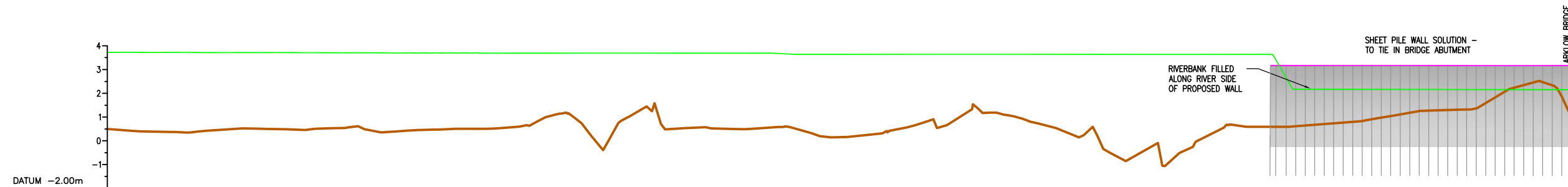
- EXISTING GROUND LEVEL:
- PROPOSED FLOOD DEFENCE WALL:
- PROPOSED FLOOD DEFENCE EMBANKMENT:



DATUM -2.00m

CHAINAGE	00.000	10.000	20.000	30.000	40.000	50.000	60.000	70.000	80.000	90.000	100.000	101.379	110.000	120.000	130.000	140.000	150.000	160.000	170.000	180.000	190.000	200.000	205.605	210.000	220.000	230.000	240.000	250.000	260.000	270.000	280.000	290.000	300.000		
EX. LEVEL (m)	3.250	3.146	3.018	2.889	2.760	2.631	2.507	2.374	2.229	1.913	1.529	1.379	1.165	0.903	0.862	0.770	0.834	0.775	0.777	0.745	0.660	0.681	3.750	3.750	0.682	1.062	0.866	0.978	0.836	0.650	0.708	0.690	0.618	0.499	
PROP. EMBANKMENT LEVEL (m)	3.250	3.327	3.406	3.485	3.564	3.643	3.721	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.750	3.748	3.745	3.741	3.738	3.735	3.732	3.729	3.726	3.723	
LEVEL DIFFERENCE (m)	0.000	-0.181	-0.389	-0.596	-0.804	-1.012	-1.214	-1.376	-1.521	-1.837	-2.221	-2.379	-2.585	-2.847	-2.888	-2.980	-2.916	-2.975	-2.973	-3.005	-3.090	-3.089	-3.089	3.750	3.750	-3.068	-2.686	-2.878	-2.764	-2.902	-3.085	-3.023	-3.039	-3.108	-3.224

ELEVATION 1 OF 2
SCALE: H 1:500,V 1:100.



DATUM -2.00m

CHAINAGE	300.000	310.000	320.000	330.000	340.000	350.000	360.000	370.000	380.000	390.000	400.000	410.000	420.000	430.000	440.000	450.000	460.000	470.000	480.000	490.000	500.000	510.000	520.000	530.000	540.000	545.745	550.000	560.000	570.000	580.000	590.000	600.000	608.215	
EX. LEVEL (m)	0.499	0.385	0.409	0.518	0.467	0.543	0.385	0.476	0.505	0.757	0.702	1.031	0.512	0.506	0.561	0.196	0.249	0.653	1.070	1.060	0.514	-0.377	-0.228	0.045	0.591	0.607	0.765	1.034	1.279	1.561	2.439	1.150		
PROP. EMBANKMENT/ WALL LEVEL (m)	3.723	3.721	3.717	3.713	3.709	3.705	3.701	3.696	3.692	3.690	3.690	3.690	3.690	3.690	3.690	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.640	3.170	3.170	3.170	3.170	3.170	3.170	3.170	3.170
LEVEL DIFFERENCE (m)	-3.224	-3.336	-3.308	-3.195	-3.242	-3.162	-3.315	-3.220	-3.187	-2.933	-2.988	-2.659	-3.178	-3.184	-3.129	-3.444	-3.391	-2.987	-2.570	-2.580	-3.126	-4.017	-3.868	-3.595	-3.048	-2.563	-2.405	-2.136	-1.891	-1.609	-0.731	-2.020		

ELEVATION 2 OF 2
SCALE: H 1:500,V 1:100.

Rev	Date	Description	By	Chk	App
P4	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	15.12.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	20.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	04.10.18	ISSUE FOR INFORMATION	PM	NM	KT

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**FLOOD DEFENCE WALLS & EMBANKMENTS
NORTH BANK UPSTREAM OF ARKLOW BRIDGE
ELEVATION**

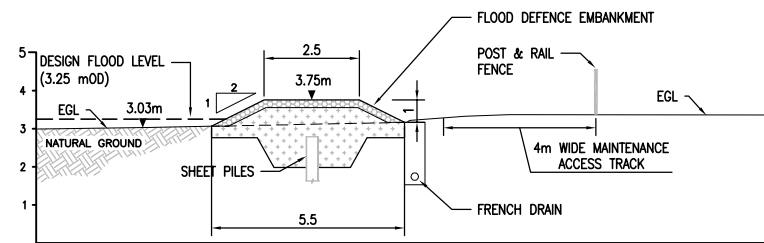
STATUS
FOR PLANNING

Date: 02.10.18	Scale: AS SHOWN	Drawn: PM	Chk: NM	App: KT
Project No: PH00886/01	Dwg. No: 1034	Rev:	P4	

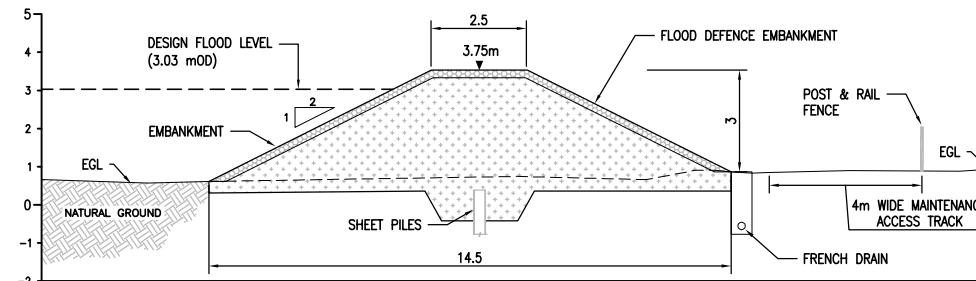
- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1031 - 1034
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

LEGEND

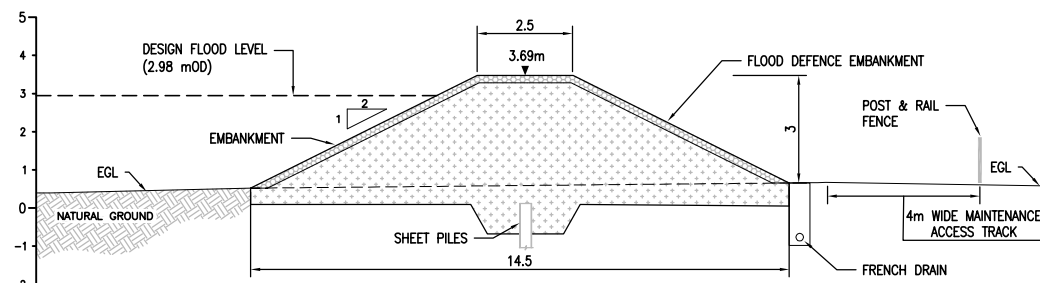
DESIGN FLOOD LEVEL:	---
EXISTING GROUND:	[Hatched pattern]
EXISTING QUAY WALL:	[Diagonal hatched pattern]
PROPOSED ROAD LAYER WORKS:	[Horizontal hatched pattern]
PROPOSED FILL MATERIAL:	[Dotted pattern]
FLOOD DEFENCE EMBANKMENT:	[Stippled pattern]
DRAINAGE CHANNEL:	[Blue fill]
RIVERBANK GRADED FILL:	[Cross-hatched pattern]



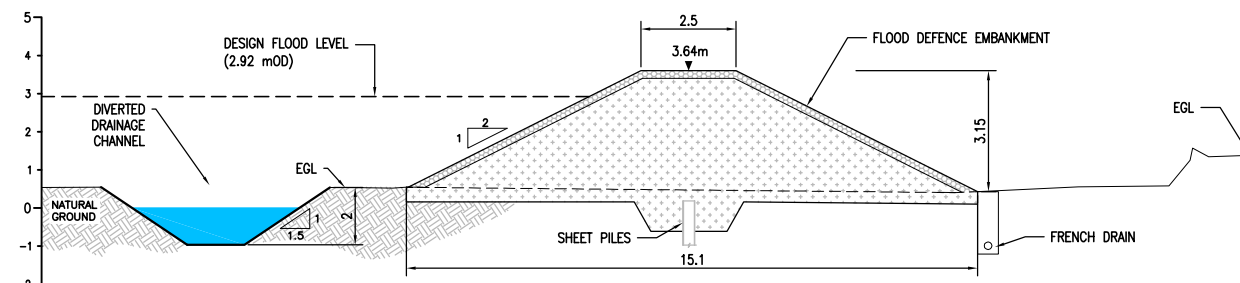
INDICATIVE FLOOD DEFENCE EMBANKMENT SECTION A-A (SCALE 1:100)



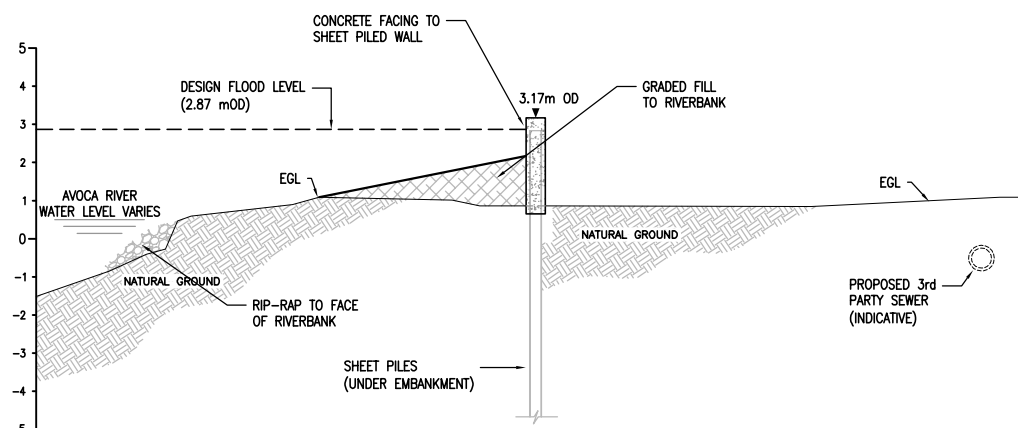
INDICATIVE FLOOD DEFENCE EMBANKMENT SECTION B-B (SCALE 1:100)



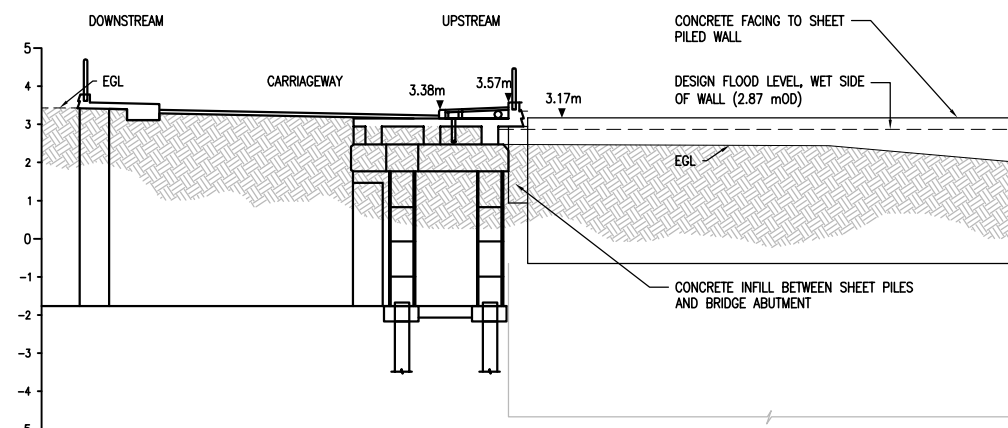
INDICATIVE FLOOD DEFENCE EMBANKMENT SECTION C-C (SCALE 1:100)



INDICATIVE FLOOD DEFENCE EMBANKMENT SECTION D-D (SCALE 1:100)



INDICATIVE FLOOD DEFENCE WALL SECTION E-E (SCALE 1:100)



INDICATIVE FLOOD DEFENCE WALL DETAIL 1 (SCALE 1:100)

Rev	Date	Description	By	Chk	App
P4	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	20.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	10.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	04.07.18	ISSUE FOR INFORMATION	PM	KT	KT

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WICKLOW COUNTY COUNCIL

PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
FLOOD DEFENCE WALLS & EMBANKMENTS NORTH BANK UPSTREAM OF ARKLOW BRIDGE SECTIONS

STATUS
FOR PLANNING

Date: 30.11.16	Scale: 1:100	Drawn: PK	Chk: KT	App: KT
Project No: PH00886/01	Dwg. No: 1035	Rev: P4		

DESIGN FLOOD LEVELS	
REFERENCE SITE	FLOOD LEVEL (MOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03



- GENERAL NOTES**
- DO NOT SCALE OFF DRAWING.
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS.
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION.
 - MINIMUM STORM DRAIN MANHOLE DIAMETER 1.8m.
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

LEGEND

EXISTING FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE WALL:	
PROPOSED FLOOD GATE:	
PROPOSED GLAZING IN FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE EMBANKMENTS:	
PROPOSED CHANNEL DIVERSION:	
DESIGN FLOOD LEVEL REF.:	
PROPOSED STORM DRAINAGE:	
PROPOSED ACCESS RAMP:	
PROPOSED GROUND RAISING:	
PROPOSED RIP-RAP:	
PROPOSED RIVERBED RAISING:	
RELOCATED MOORING POSTS:	
REMOVABLE BOLLARDS:	
BAT TUBES:	
ROAD DRAIN:	

Rev	Date	Description	By	Chk	App
P7	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P6	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
P5	04.11.20	ISSUE FOR INFORMATION	LT	KBS	KT
P4	01.07.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	14.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	31.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT

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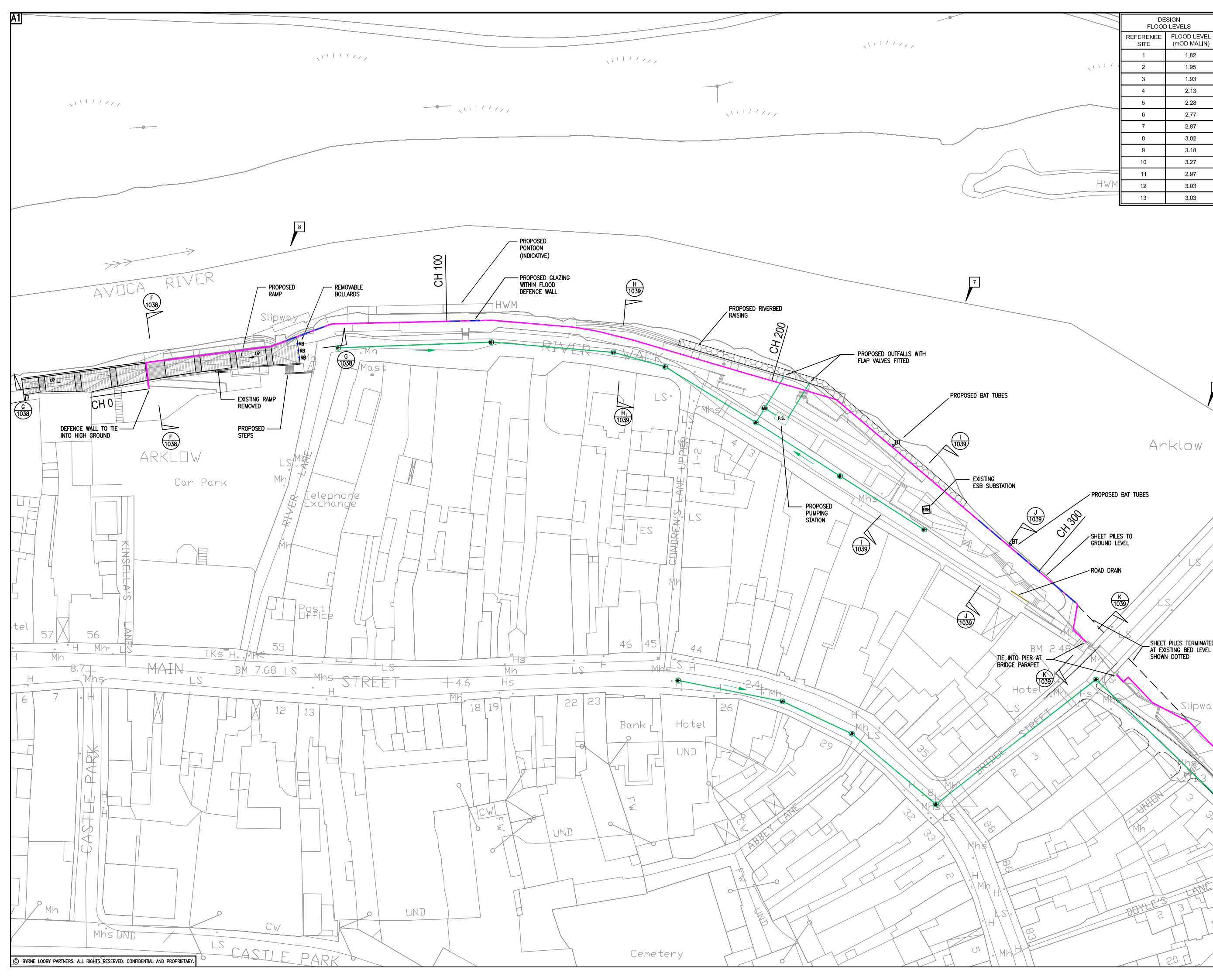
CLIENT
WICKLOW COUNTY COUNCIL

PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
FLOOD DEFENCE WALLS & EMBANKMENTS SOUTH BANK UPSTREAM OF ARKLOW BRIDGE LAYOUT PLAN

STATUS
FOR PLANNING

Date: 13.03.18	Scale: 1/500	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1036	Rev: P7		

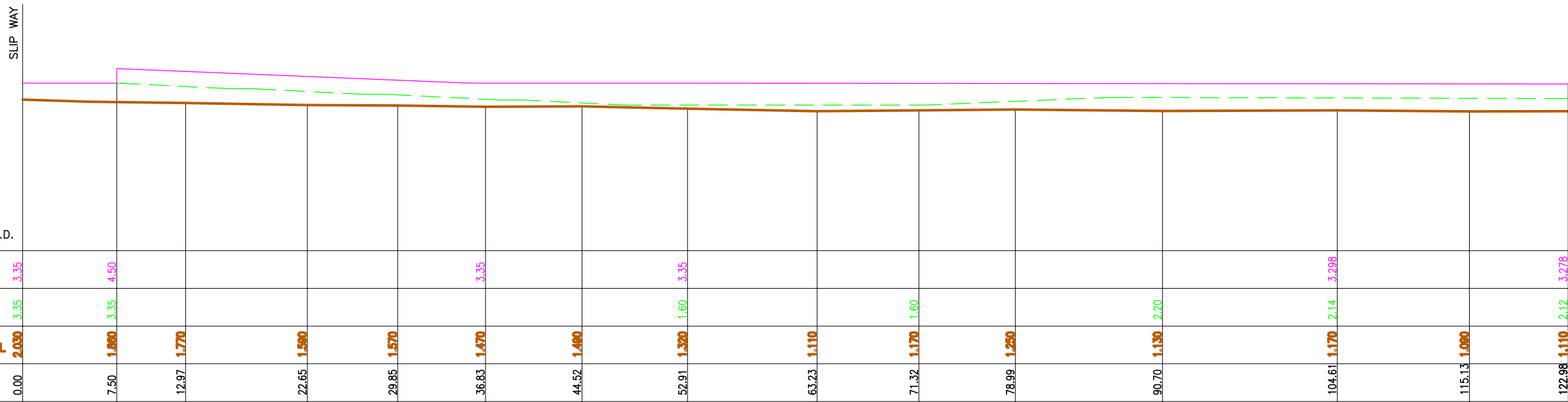


NOTES:

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- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
- REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.
- PROPOSED FOOTPATH LEVEL SHOWN IS INDICATIVE AND LAND SIDE OF FLOOD DEFENCE WALL.

LEGEND:

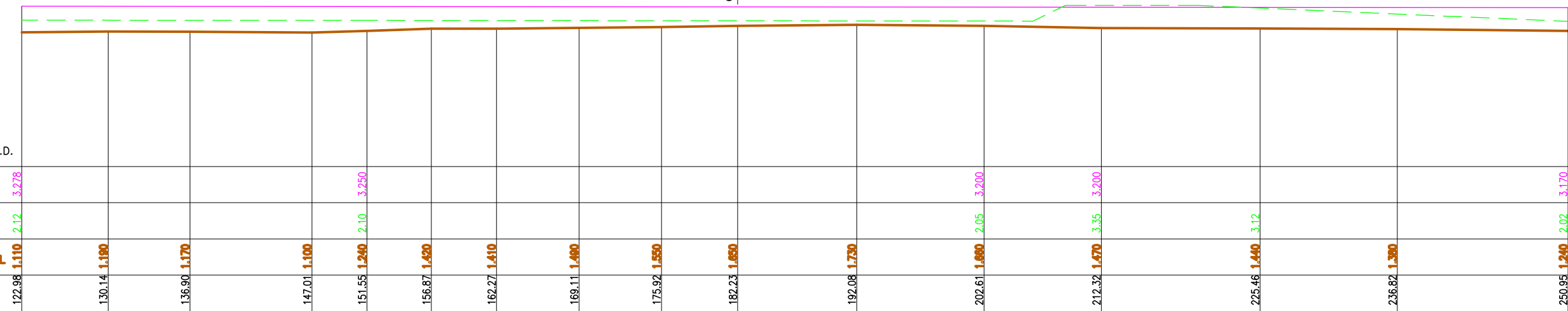
- EXISTING GROUND LEVEL:
- PROPOSED FLOOD WALL:
- PROPOSED GROUND LEVEL:



Datum -10.000m O.D.

SCALE: VERT 1:200 / HORIZ 1:200

CONDREN'S LANE UPPER

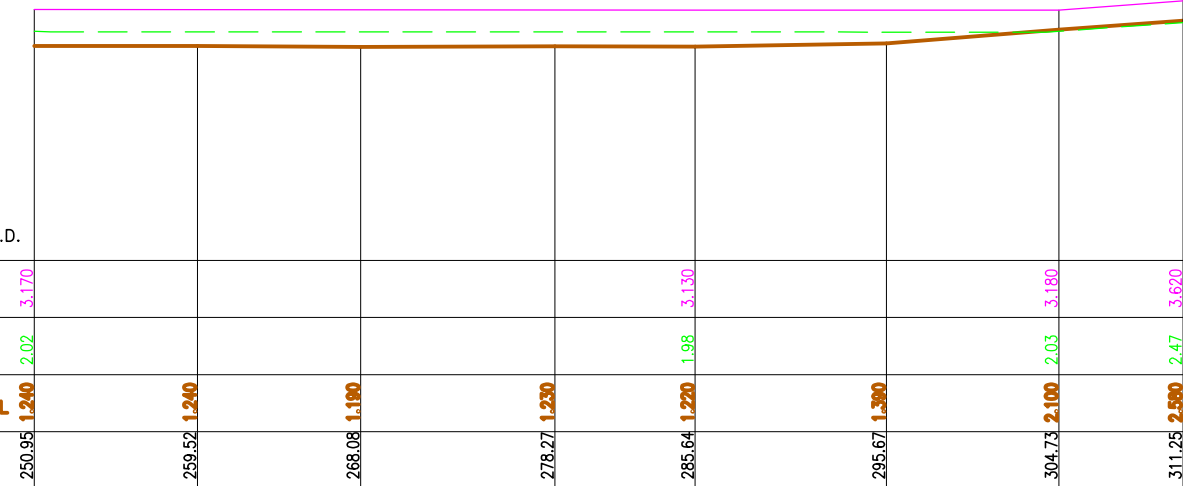


Datum -10.000m O.D.

SCALE: VERT 1:200 / HORIZ 1:200

ARKLOW BRIDGE

TIE INTO BRIDGE ABUTMENT



Datum -10.000m O.D.

SCALE: VERT 1:200 / HORIZ 1:200

Rev	Date	Description	By	Chk	App
P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	19.10.20	ISSUE FOR INFORMATION	LT	KBS	KT

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**LAYOUT OF FLOOD DEFENCES
SOUTH BANK UPSTREAM OF ARKLOW BRIDGE
ELEVATION**

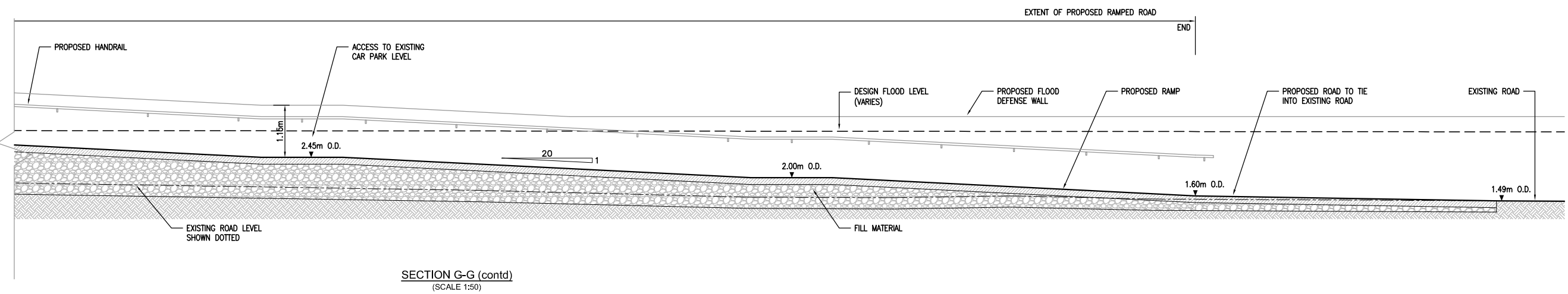
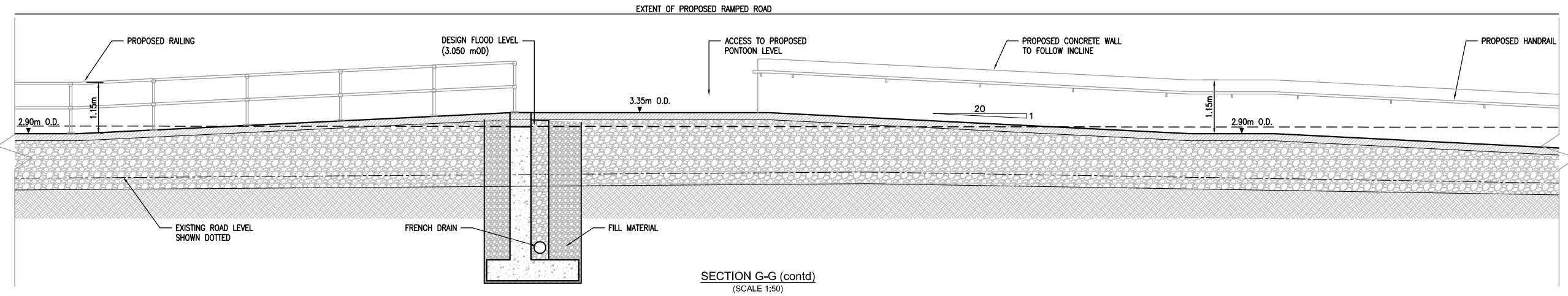
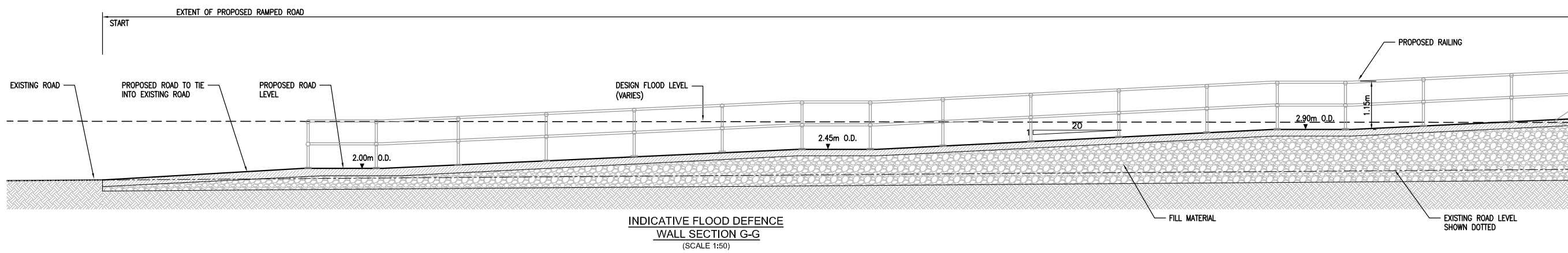
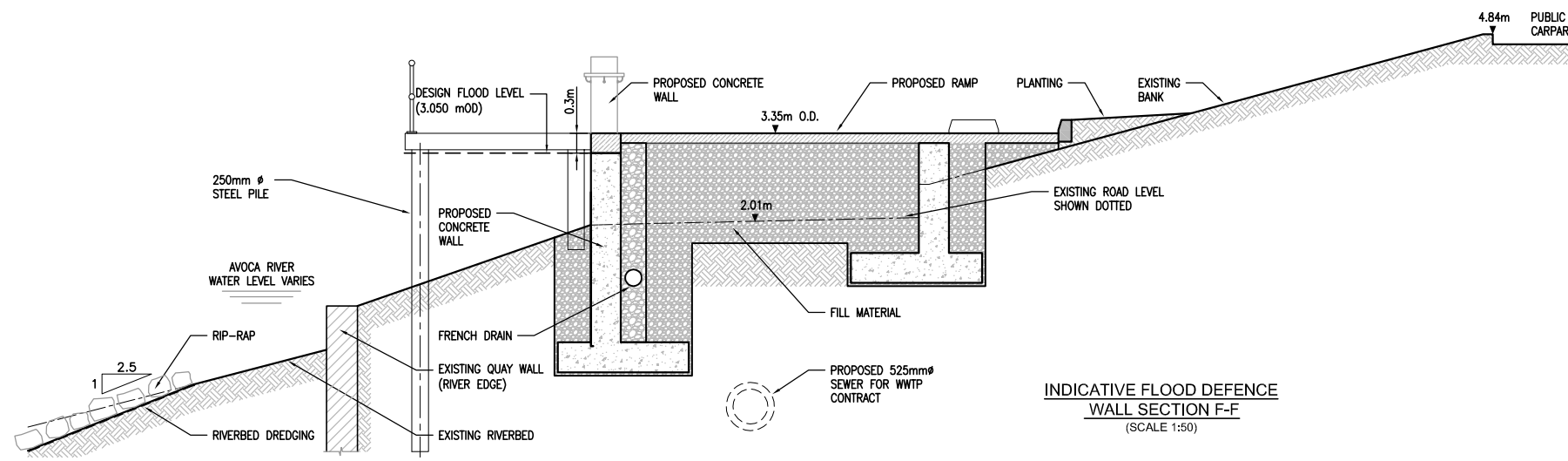
STATUS
FOR PLANNING

Date: 10.07.18	Scale: AS SHOWN	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1037	Rev: P1		

- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1031 & 1036
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING

LEGEND

DESIGN FLOOD LEVEL:	
EXISTING GROUND:	
EXISTING QUAY WALL:	
PROPOSED ROAD LAYER WORKS:	
PROPOSED FILL MATERIAL:	
PROPOSED PEDESTRIAN AREA:	



Rev	Date	Description	By	Chk	App
P2	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
P1	30.01.20	ISSUE FOR INFORMATION	LT	KBS	KT

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**FLOOD DEFENCE WALLS & EMBANKMENTS
 SOUTH BANK UPSTREAM OF ARKLOW BRIDGE
 SECTIONS - SHEET 1**

STATUS
FOR PLANNING

Date: 30.01.20	Scale: 1:50	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1038	Rev:		P2

NOTES:

- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1031 & 1036
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
- REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING

LEGEND

DESIGN FLOOD LEVEL:

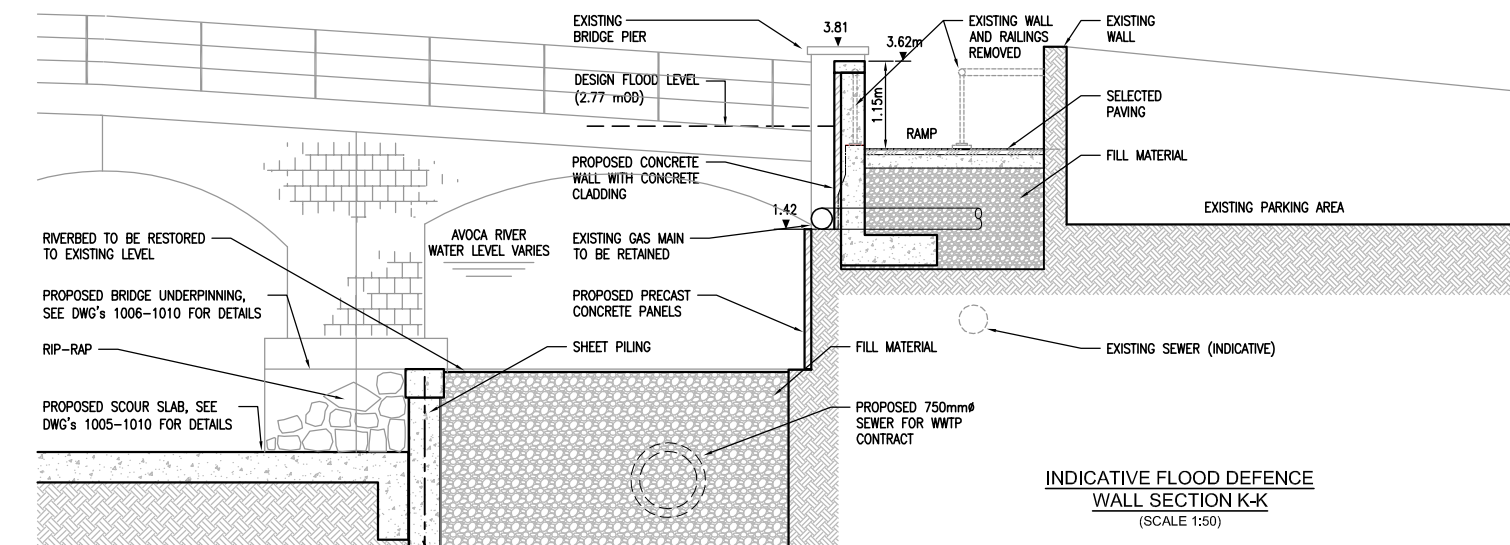
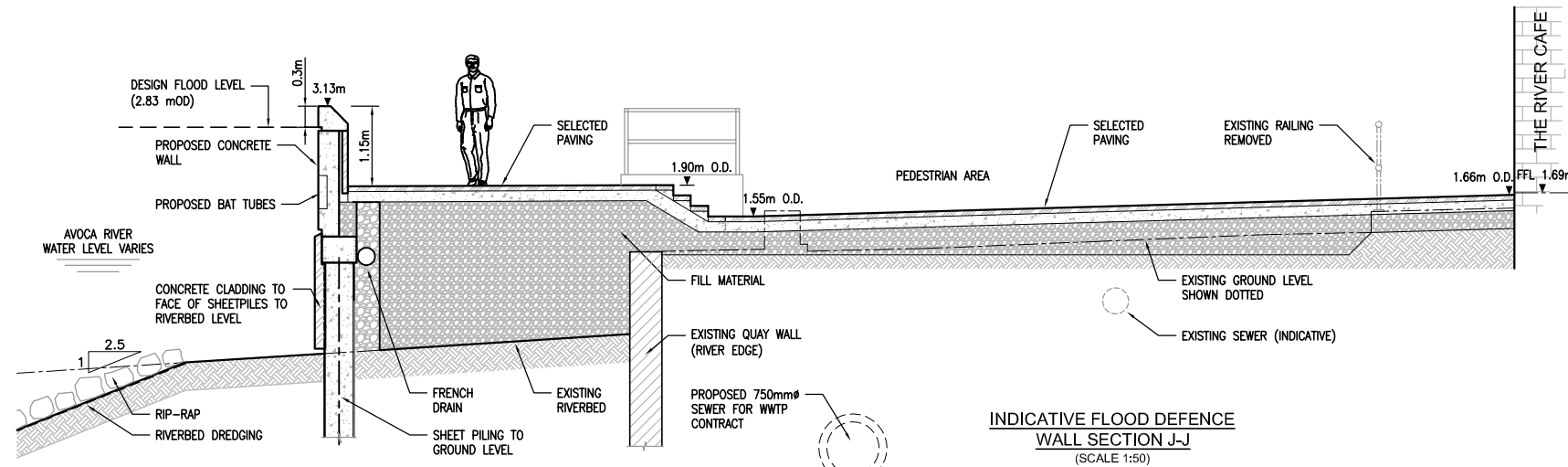
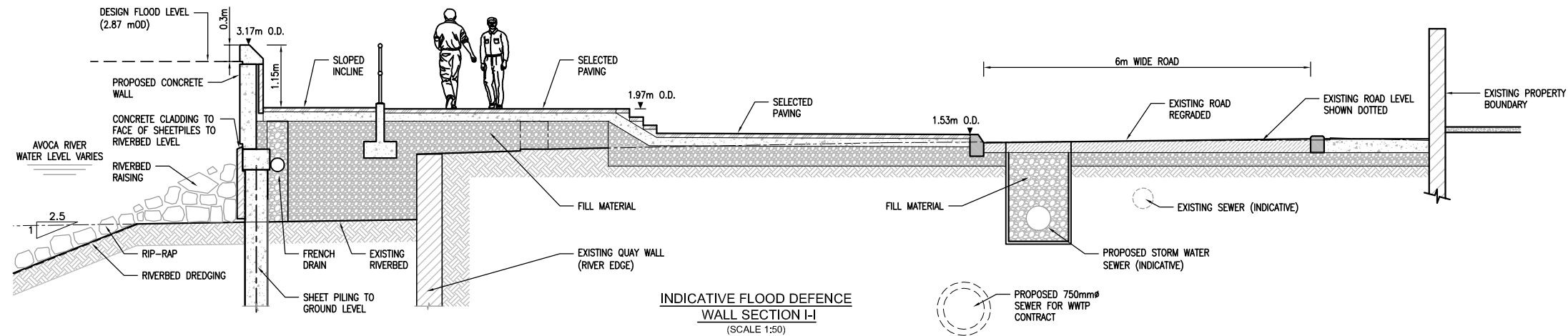
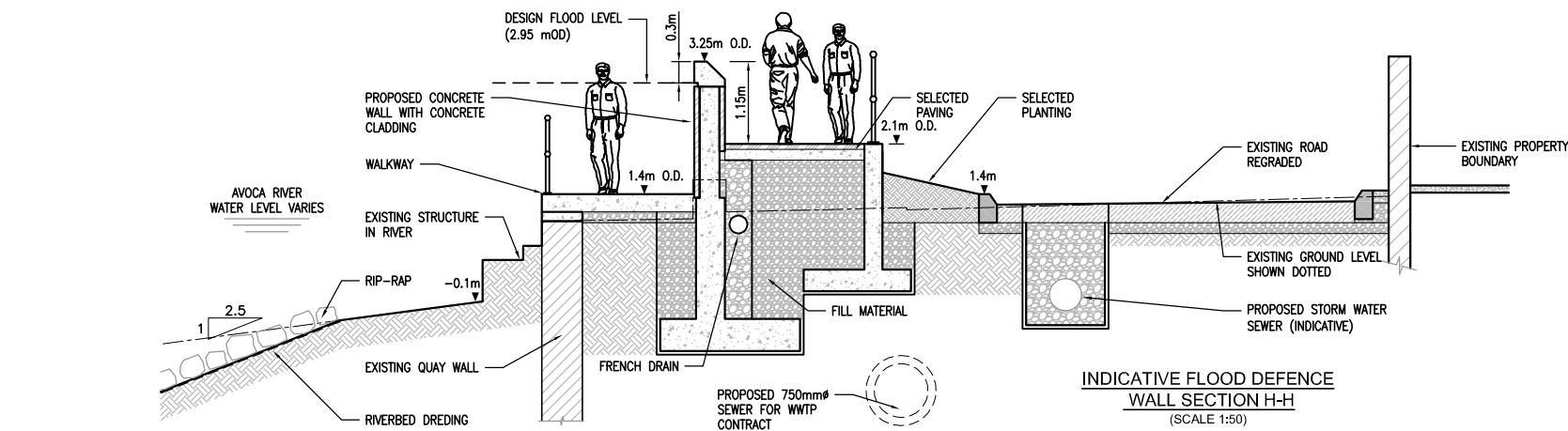
EXISTING GROUND:

EXISTING QUAY WALL:

PROPOSED ROAD LAYER WORKS:

PROPOSED FILL MATERIAL:

PROPOSED PEDESTRIAN AREA:



Rev	Date	Description	By	Chk	App
P4	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P2	30.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT

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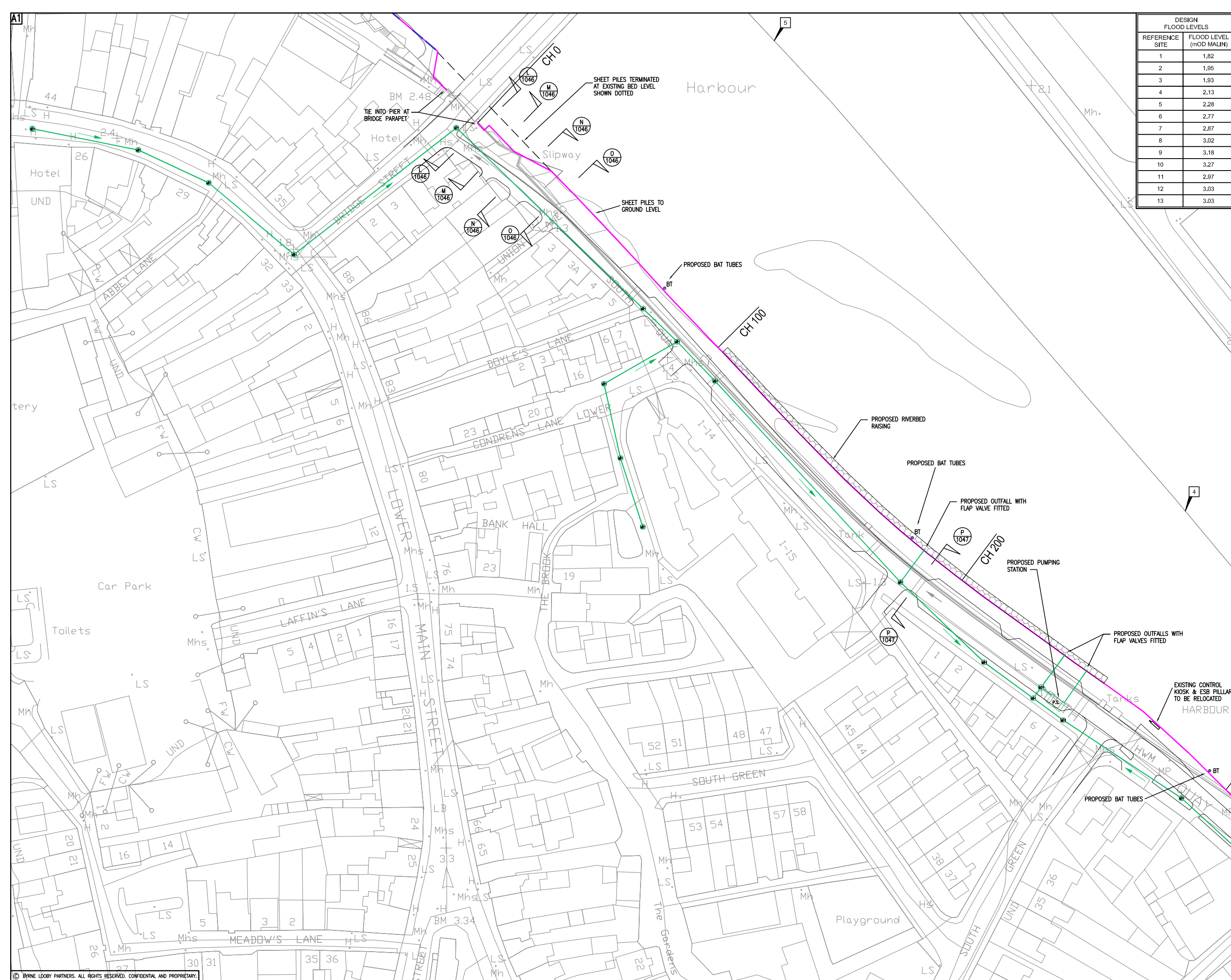
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**FLOOD DEFENCE WALLS & EMBANKMENTS
SOUTH BANK UPSTREAM OF ARKLOW BRIDGE
SECTIONS - SHEET 2**

STATUS
FOR PLANNING

Date: 13.03.18	Scale: 1:50	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Drg. No: 1039	Rev:		P4



DESIGN FLOOD LEVELS	
REFERENCE SITE	FLOOD LEVEL (mOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03

- NOTES:**
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - MINIMUM STORM DRAIN MANHOLE DIAMETER 1.8m.
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

LEGEND

EXISTING FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE WALL:	
PROPOSED FLOOD GATE:	
PROPOSED GLAZING IN FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE EMBANKMENTS:	
PROPOSED CHANNEL DIVERSION:	
DESIGN FLOOD LEVEL REF.:	
PROPOSED STORM DRAINAGE:	
PROPOSED ACCESS RAMP:	
PROPOSED GROUND RAISING:	
PROPOSED RIP-RAP:	
PROPOSED RIVERBED RAISING:	
RELOCATED MOORING POSTS:	
REMOVABLE BOLLARDS:	
BAT TUBES:	

Rev	Date	Description	By	Chk	App
P6	11.02.21	ISSUE FOR PLANNING	LT	KBS	KT
P5	04.11.20	ISSUE FOR INFORMATION	LT	KBS	KT
P4	01.07.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	14.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	31.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**FLOOD DEFENCE WALLS & EMBANKMENTS
 SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE
 LAYOUT PLAN SHEET 1**

STATUS
FOR PLANNING

Date: 12.03.18	Scale: 1/500	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1040	Rev: P6		

DESIGN FLOOD LEVELS	
REFERENCE SITE	FLOOD LEVEL (MOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03



- NOTES:**
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 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - MINIMUM STORM DRAIN MANHOLE DIAMETER 1.8m.
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

LEGEND

EXISTING FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE WALL:	
PROPOSED FLOOD GATE:	
PROPOSED GLAZING IN FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE EMBANKMENTS:	
PROPOSED CHANNEL DIVERSION:	
DESIGN FLOOD LEVEL REF.:	
PROPOSED STORM DRAINAGE:	
PROPOSED ACCESS RAMP:	
PROPOSED GROUND RAISING:	
PROPOSED RIP-RAP:	
PROPOSED RIVERBED RAISING:	
RELOCATED MOORING POSTS:	
REMOVABLE BOLLARDS:	
BAT TUBES:	

Rev	Date	Description	By	Chk	App
P7	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P6	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
P5	04.11.20	ISSUE FOR INFORMATION	LT	KBS	KT
P4	01.07.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	14.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	31.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT

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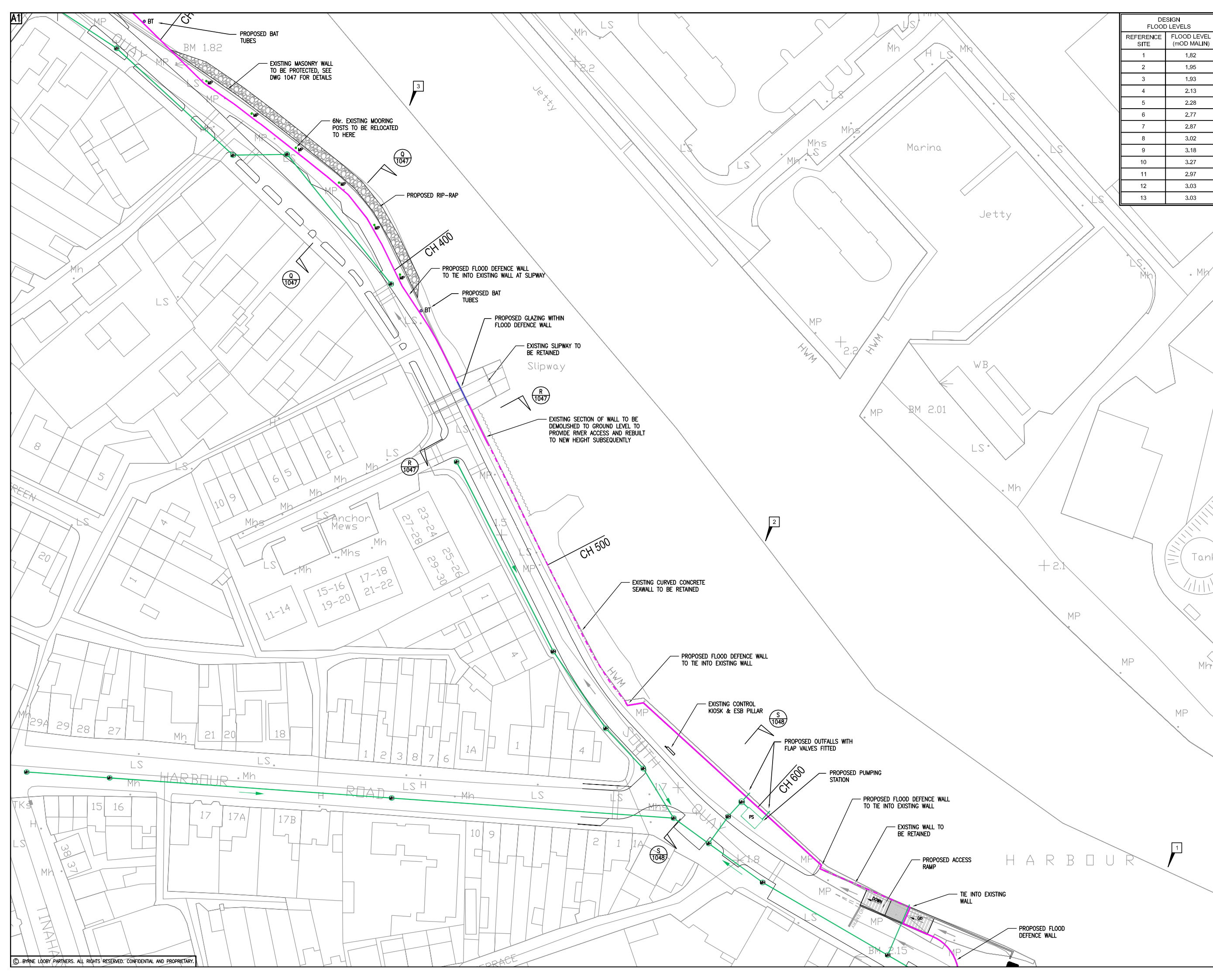
CLIENT
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

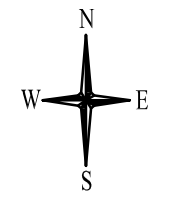
DRAWING TITLE
FLOOD DEFENCE WALLS & EMBANKMENTS SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE LAYOUT PLAN SHEET 2

STATUS
FOR PLANNING

Date: 12.03.18 Scale: 1/500 Drawn: NM Chk: SH App: KT
 Project No: PH00886/01 Drg. No: 1041 Rev: P7



DESIGN FLOOD LEVELS	
REFERENCE SITE	FLOOD LEVEL (MOD MALIN)
1	1.82
2	1.95
3	1.93
4	2.13
5	2.28
6	2.77
7	2.87
8	3.02
9	3.18
10	3.27
11	2.97
12	3.03
13	3.03



- NOTES:
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 - MINIMUM STORM DRAIN MANHOLE DIAMETER 1.8m.
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

LEGEND

EXISTING FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE WALL:	
PROPOSED FLOOD GATE:	
PROPOSED GLAZING IN FLOOD DEFENCE WALL:	
PROPOSED FLOOD DEFENCE EMBANKMENTS:	
PROPOSED CHANNEL DIVERSION:	
DESIGN FLOOD LEVEL REF.:	
PROPOSED STORM DRAINAGE:	
PROPOSED ACCESS RAMP:	
PROPOSED GROUND RAISING:	
PROPOSED RIP-RAP:	
PROPOSED RIVERBED RAISING:	
RELOCATED MOORING POSTS:	
REMOVABLE BOLLARDS:	
BAT TUBES:	

Rev	Date	Description	By	Chk	App
P6	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
P5	04.11.20	ISSUE FOR INFORMATION	LT	KBS	KT
P4	01.07.20	ISSUE FOR INFORMATION	LT	KBS	KT
P3	14.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	31.01.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.08.18	ISSUE FOR INFORMATION	NM	SH	KT

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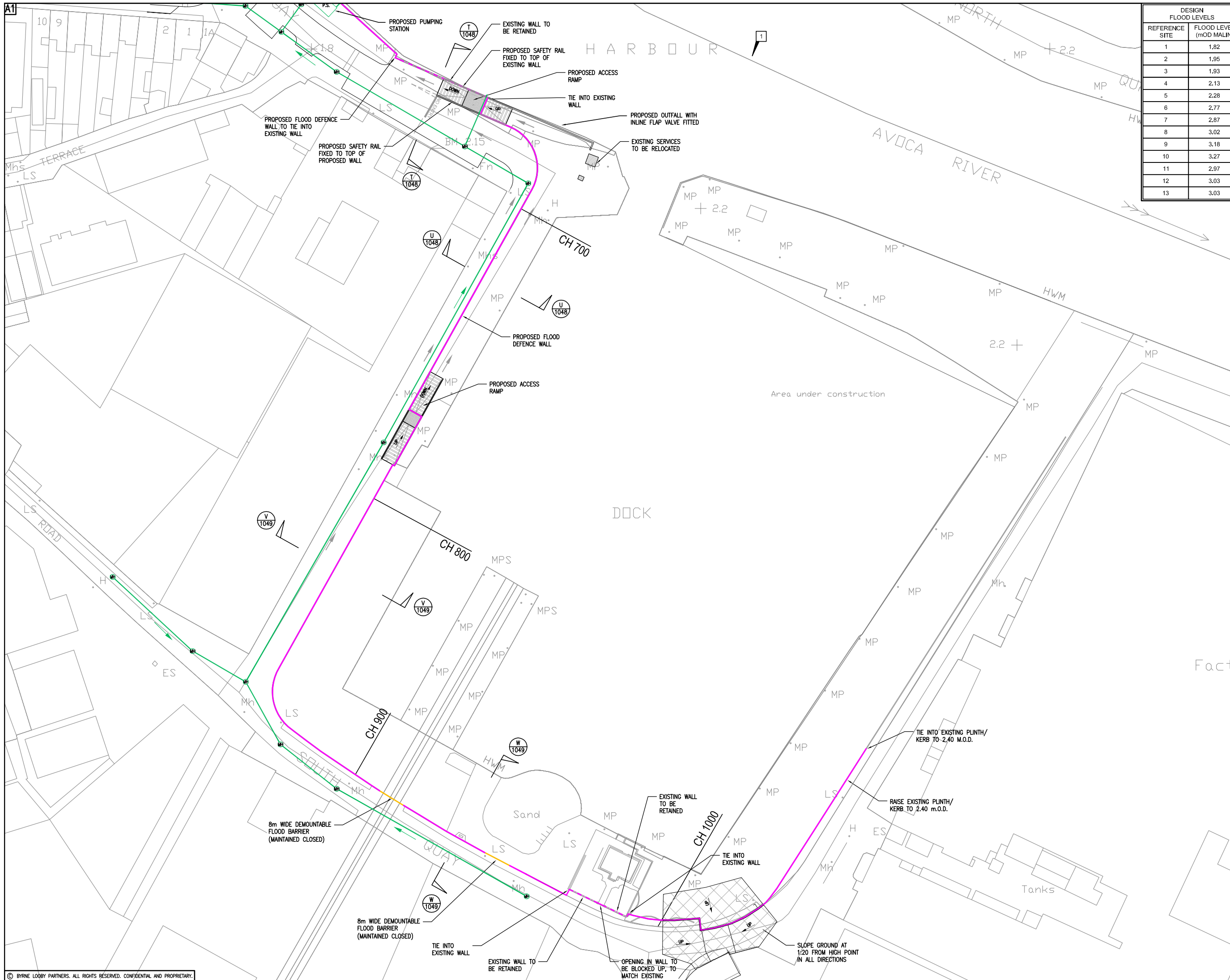
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
FLOOD DEFENCE WALLS & EMBANKMENTS SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE LAYOUT PLAN SHEET 3

STATUS
FOR PLANNING

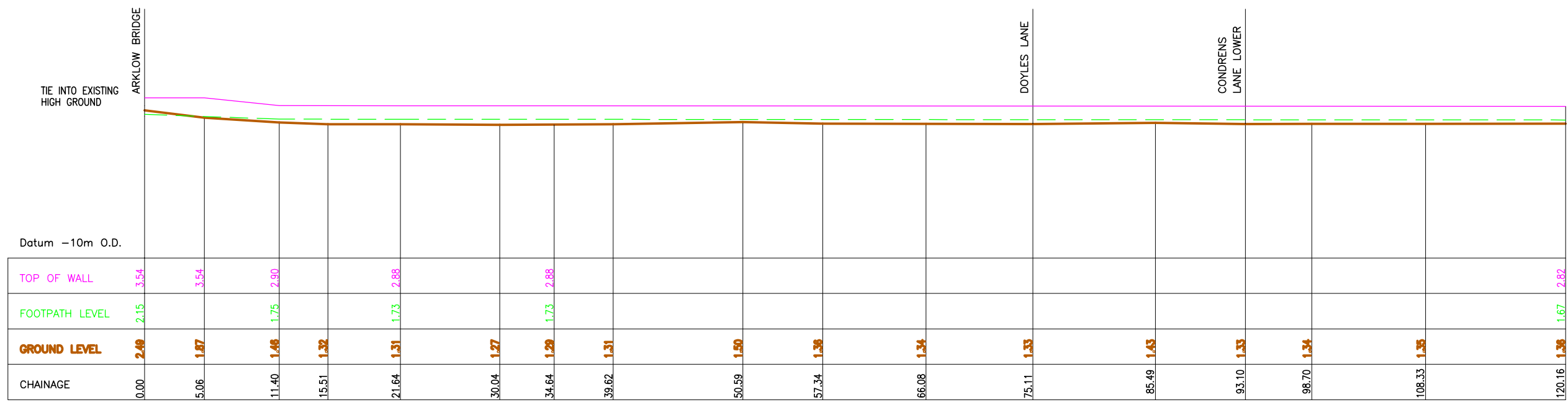
Date: 12.03.18	Scale: 1/500	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1042	Rev: P6		



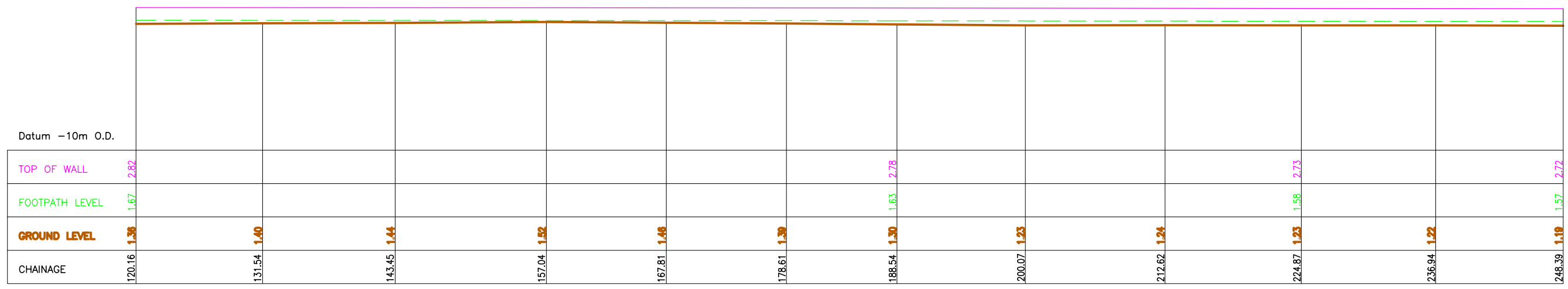
- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.
 - PROPOSED FOOTPATH LEVEL SHOWN IS INDICATIVE.

LEGEND:

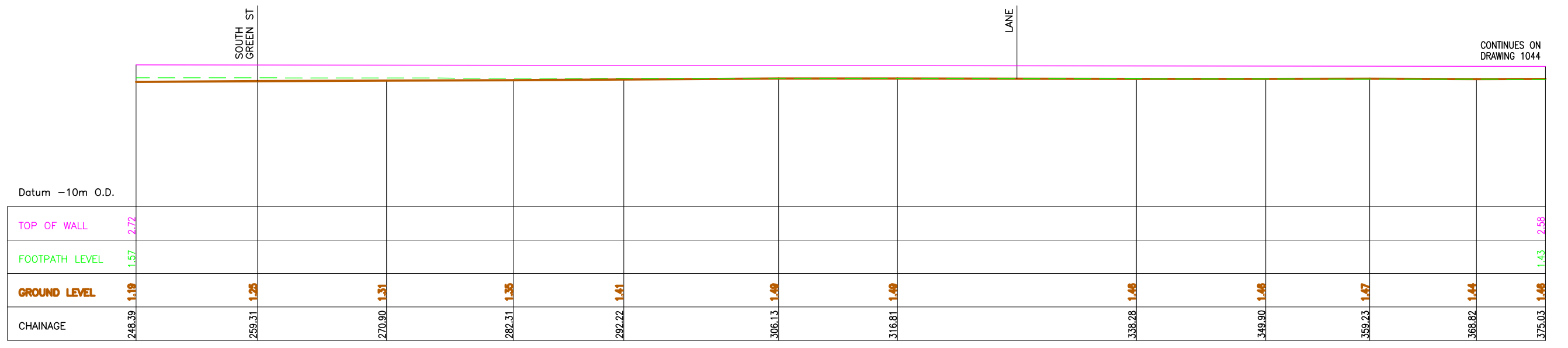
EXISTING GROUND LEVEL:	
PROPOSED FLOOD WALL:	
PROPOSED FOOTPATH LEVEL:	



ELEVATION SOUTH BANK D/S OF ARKLOW BRIDGE
SCALE: VERT 1:200 / HORIZ 1:200



ELEVATION SOUTH BANK D/S OF ARKLOW BRIDGE
SCALE: VERT 1:200 / HORIZ 1:200



ELEVATION SOUTH BANK D/S OF ARKLOW BRIDGE
SCALE: VERT 1:200 / HORIZ 1:200

Rev	Date	Description	By	Chk	App
P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	19.06.18	ISSUE FOR INFORMATION	NM	SH	KT

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
ELEVATION SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE SHEET 1

STATUS
FOR PLANNING

Date: 19.06.18	Scale: AS SHOWN	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1043	Rev:		P1

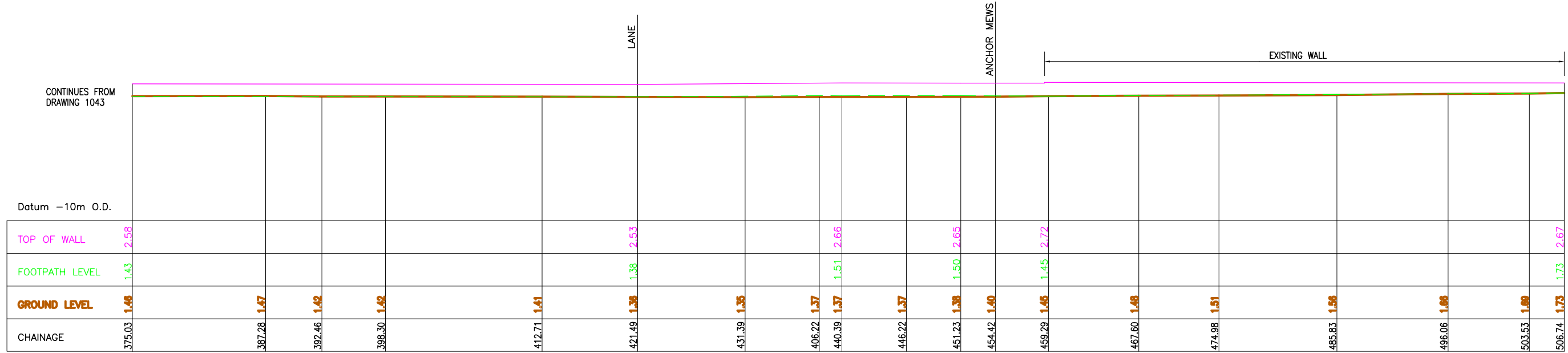
LEGEND

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- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
- REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.
- PROPOSED FOOTPATH LEVEL SHOWN IS INDICATIVE.

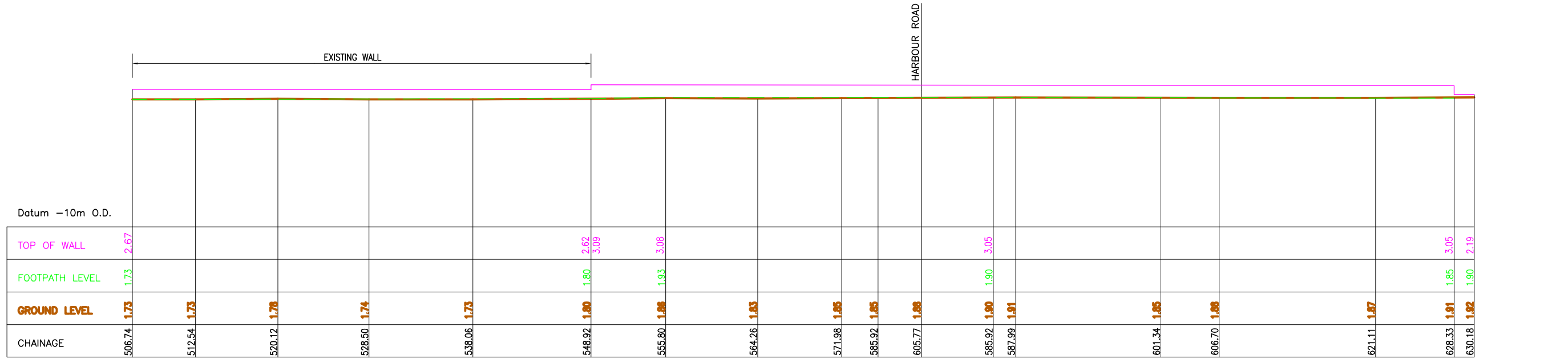
LEGEND

EXISTING GROUND LEVEL:	
PROPOSED FLOOD WALL:	
PROPOSED GROUND LEVEL:	

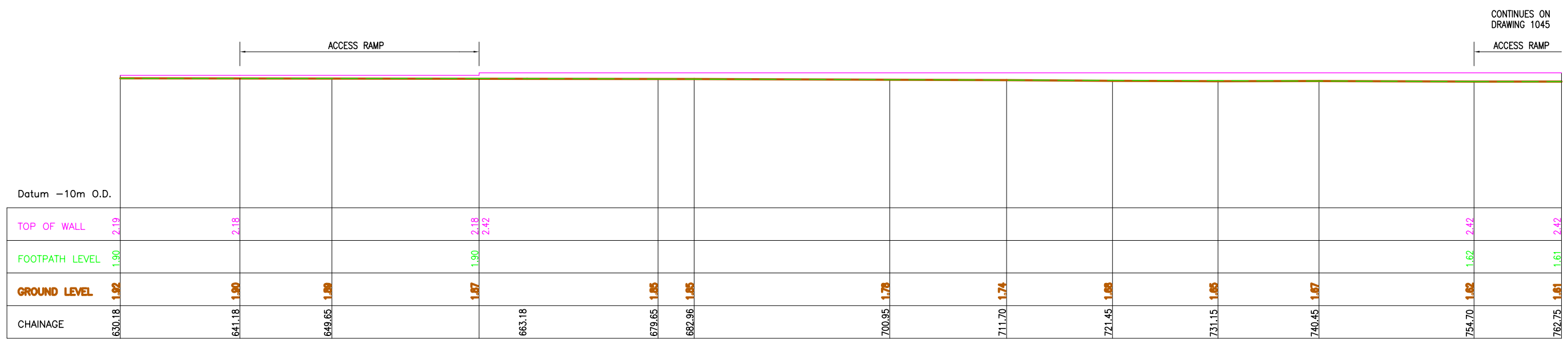
A1



ELEVATION SOUTH BANK D/S OF ARKLOW BRIDGE
SCALE: VERT 1:200 / HORIZ 1:200



ELEVATION SOUTH BANK D/S OF ARKLOW BRIDGE
SCALE: VERT 1:200 / HORIZ 1:200



ELEVATION SOUTH BANK D/S OF ARKLOW BRIDGE
SCALE: VERT 1:200 / HORIZ 1:200

CONTINUES ON DRAWING 1045
ACCESS RAMP

P2	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	19.06.18	ISSUE FOR INFORMATION	NM	SH	KT
Rev	Date	Description	By	Chk	App

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
ELEVATION SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE SHEET 2

STATUS
FOR PLANNING

Date: 19.06.18	Scale: AS SHOWN	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1044	Rev: P2		

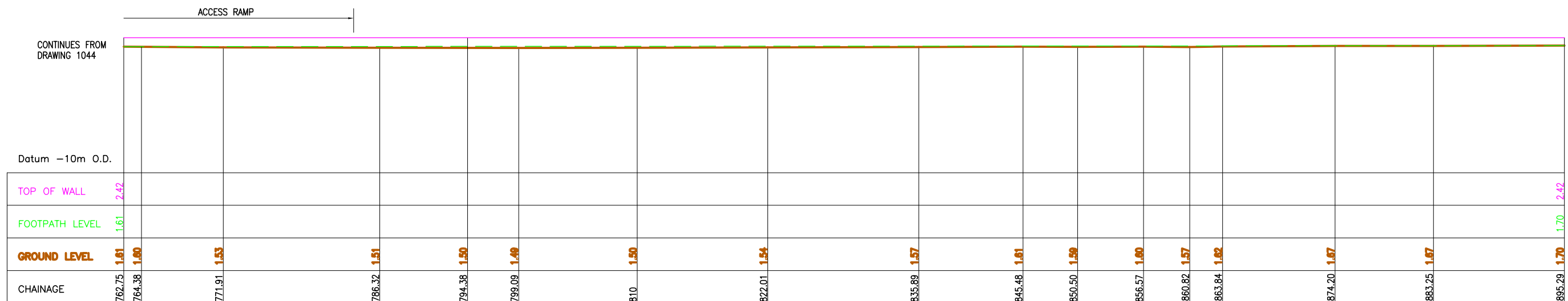
LEGEND

- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
- REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.
- PROPOSED FOOTPATH LEVEL SHOWN IS INDICATIVE.

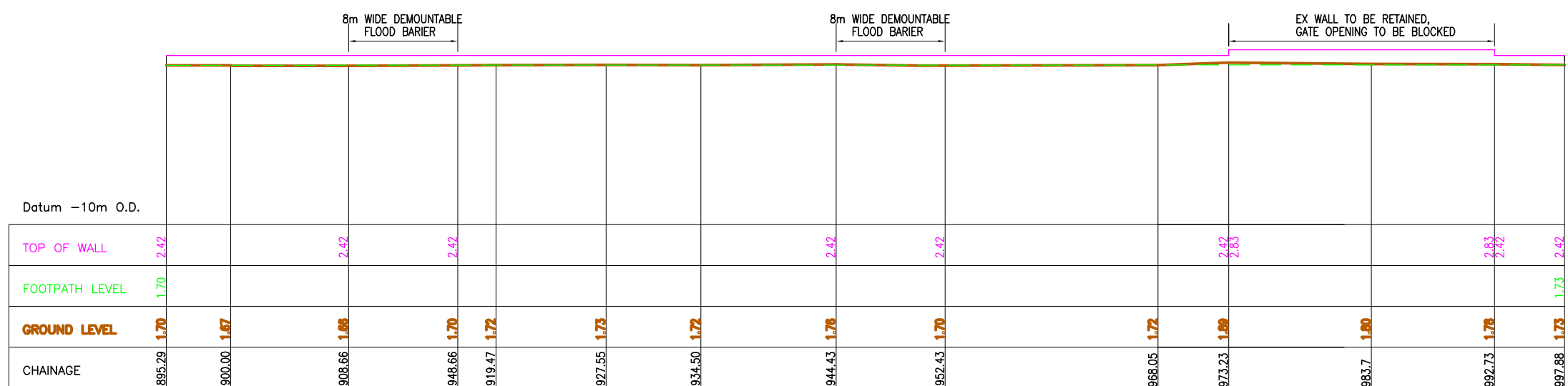
LEGEND

- EXISTING GROUND LEVEL: ———
- PROPOSED FLOOD WALL: ———
- PROPOSED GROUND LEVEL: - - - -

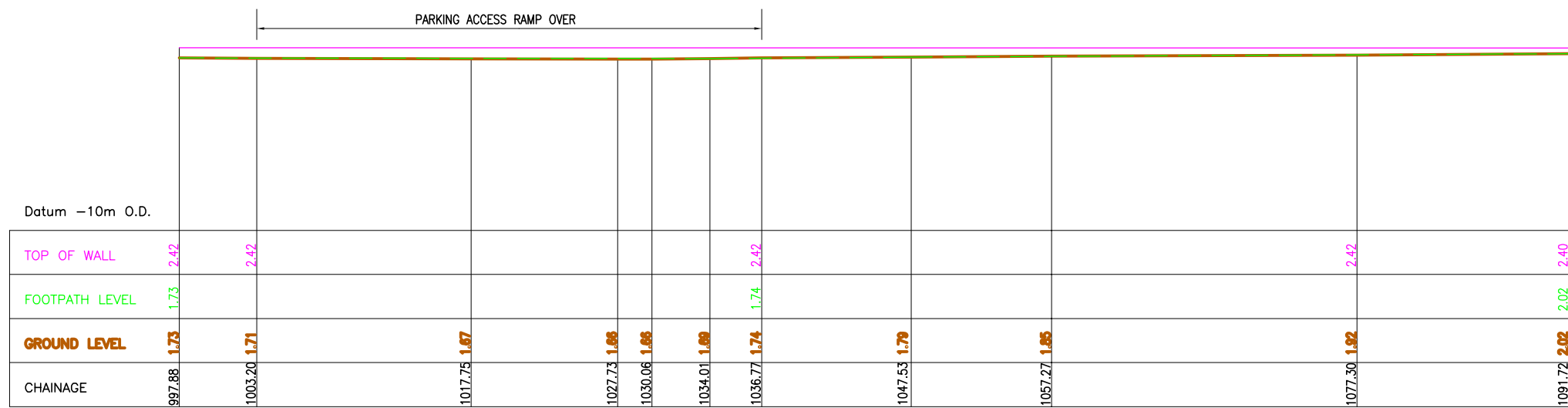
A1



ELEVATION SOUTH BANK D/S OF ARKLOW BRIDGE
SCALE: VERT 1:200 / HORIZ 1:200



ELEVATION SOUTH BANK D/S OF ARKLOW BRIDGE
SCALE: VERT 1:200 / HORIZ 1:200



ELEVATION SOUTH BANK D/S OF ARKLOW BRIDGE
SCALE: VERT 1:200 / HORIZ 1:200

TIE INTO EXISTING KERB/
PLINTH TO 2.40m OD

P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	19.06.18	ISSUE FOR INFORMATION	NM	SH	KT
Rev	Date	Description	By	Chk	App

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
ELEVATION SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE SHEET 3

STATUS
FOR PLANNING

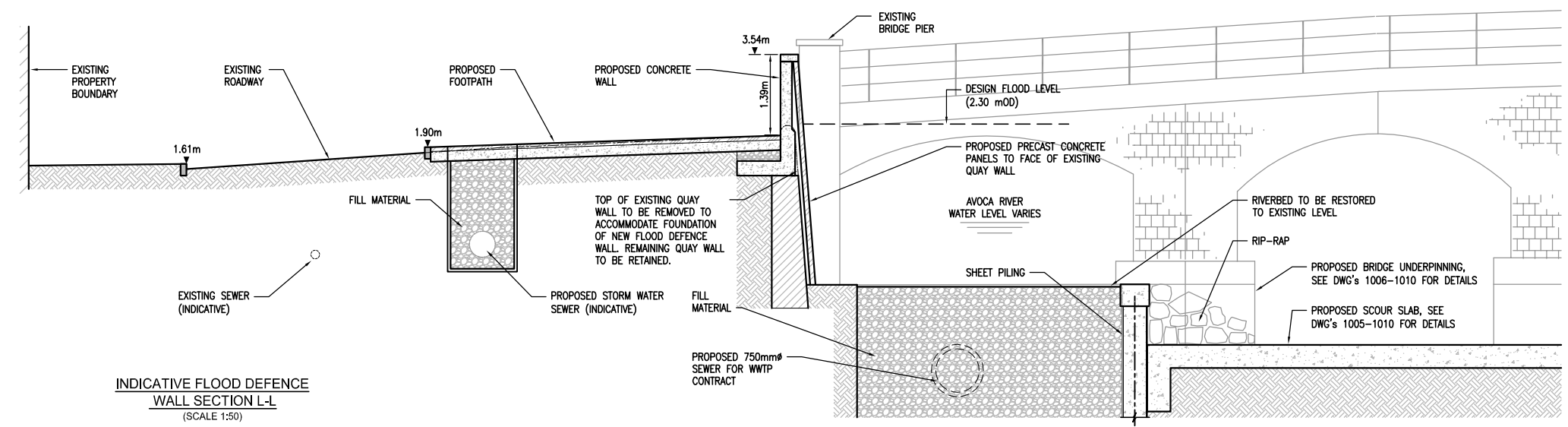
Date: 19.06.18	Scale: AS SHOWN	Drawn: NM	Chk: SH	App: KT
Project No: PH00886/01	Dwg. No: 1045	Rev: P1		

- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1031 & 1040
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING

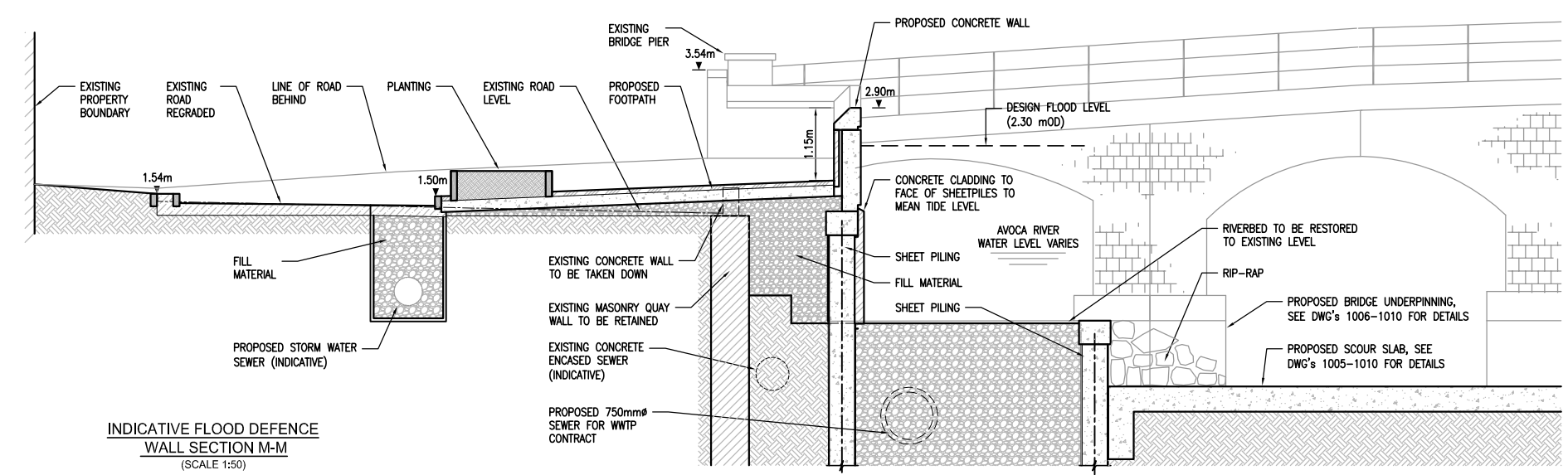
LEGEND

DESIGN FLOOD LEVEL:	
EXISTING GROUND:	
EXISTING QUAY WALL:	
PROPOSED ROAD LAYER WORKS:	
PROPOSED FILL MATERIAL:	
PROPOSED PEDESTRIAN AREA:	

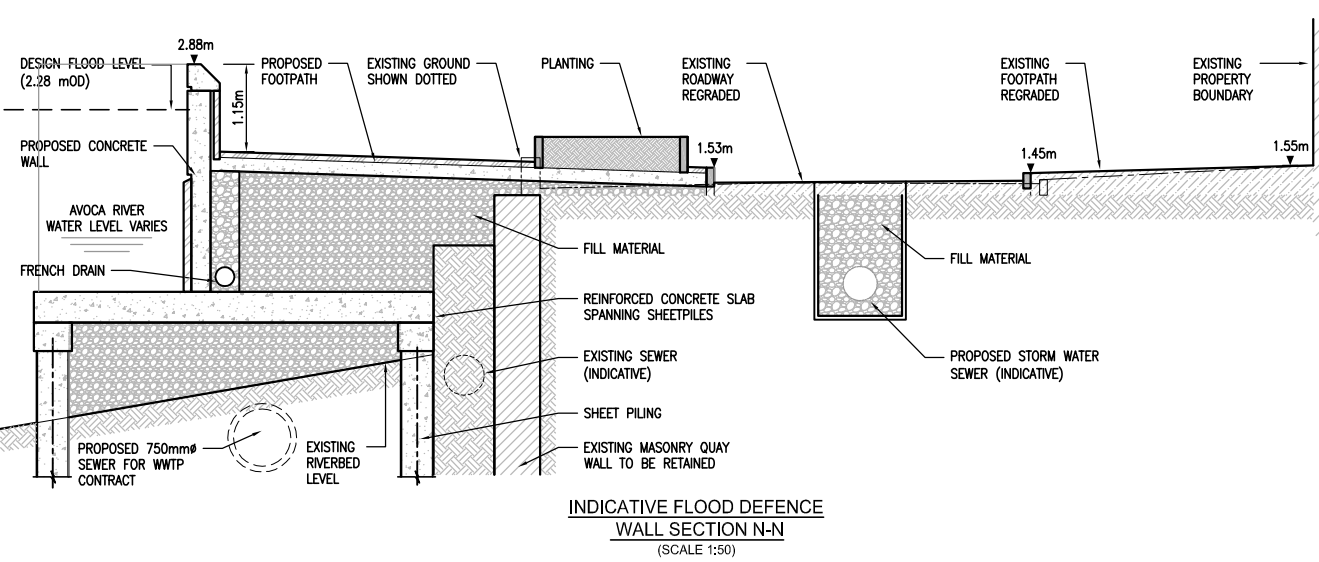
A1



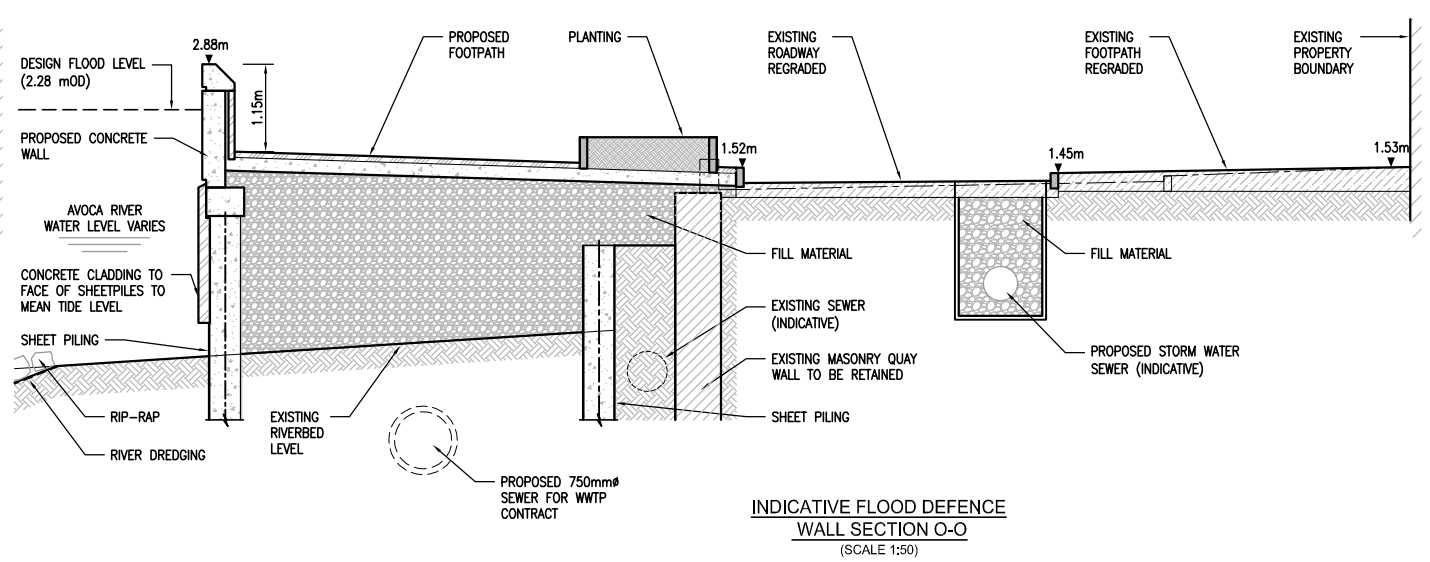
INDICATIVE FLOOD DEFENCE WALL SECTION L-L (SCALE 1:50)



INDICATIVE FLOOD DEFENCE WALL SECTION M-M (SCALE 1:50)



INDICATIVE FLOOD DEFENCE WALL SECTION N-N (SCALE 1:50)



INDICATIVE FLOOD DEFENCE WALL SECTION O-O (SCALE 1:50)

P4	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	04.11.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	10.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	KT	KT
Rev	Date	Description	By	Chk	App

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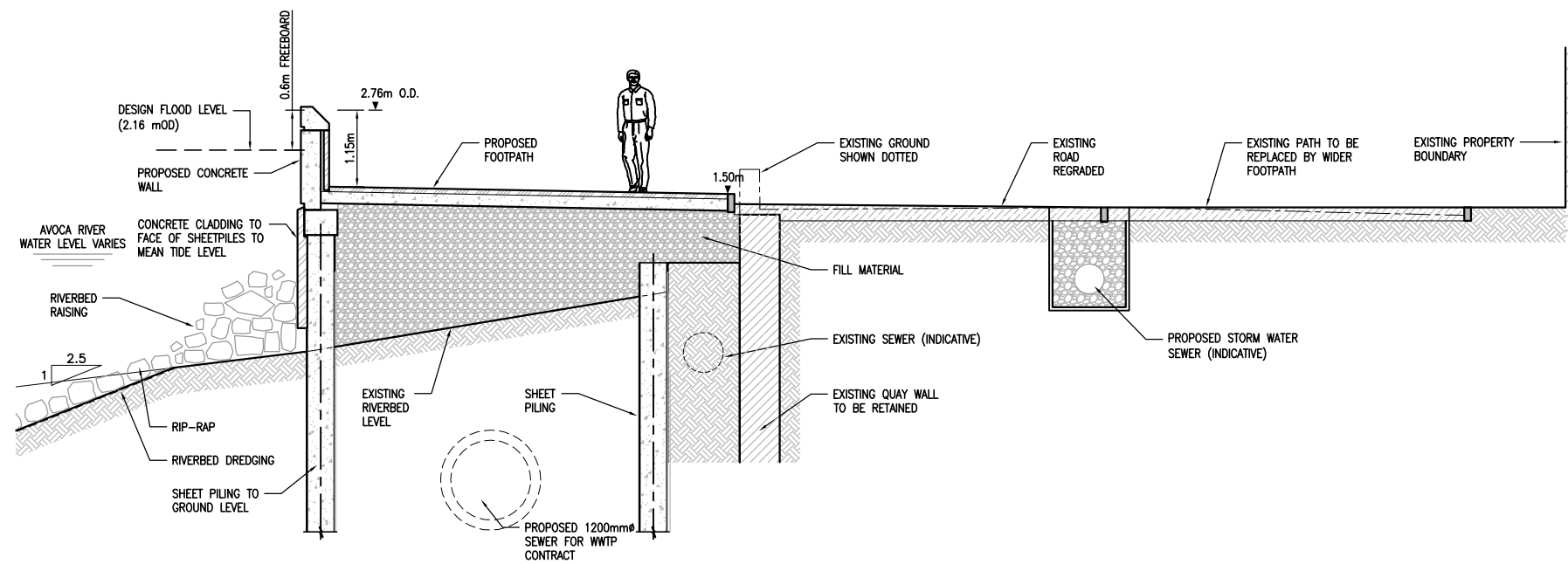
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

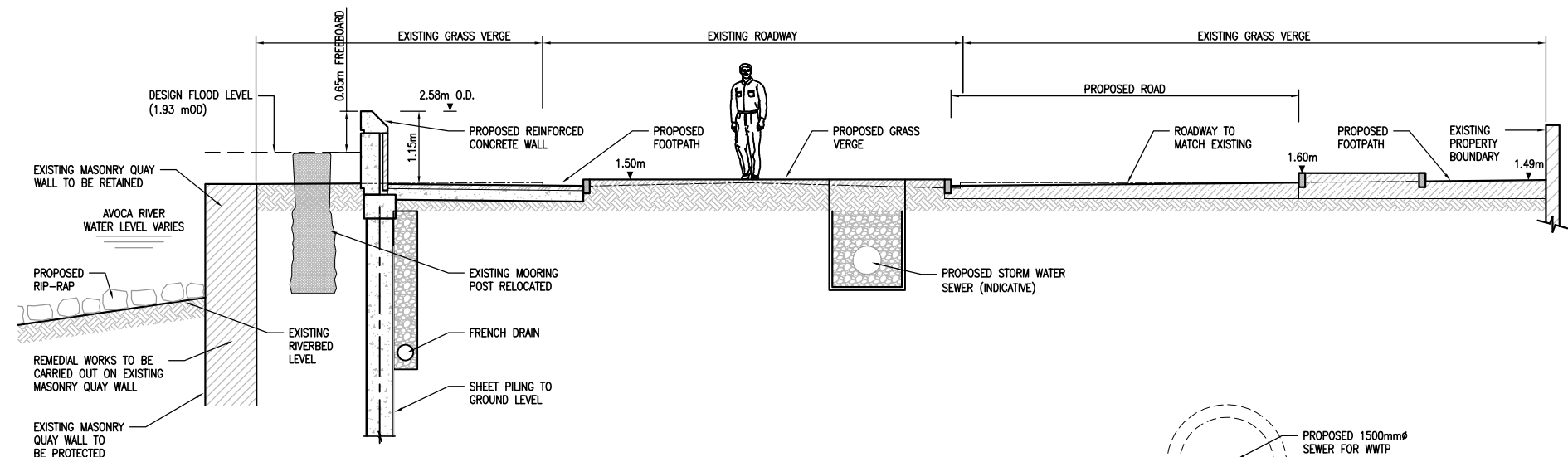
DRAWING TITLE
FLOOD DEFENCE WALLS & EMBANKMENTS SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE SECTIONS SHEET 1

STATUS
FOR PLANNING

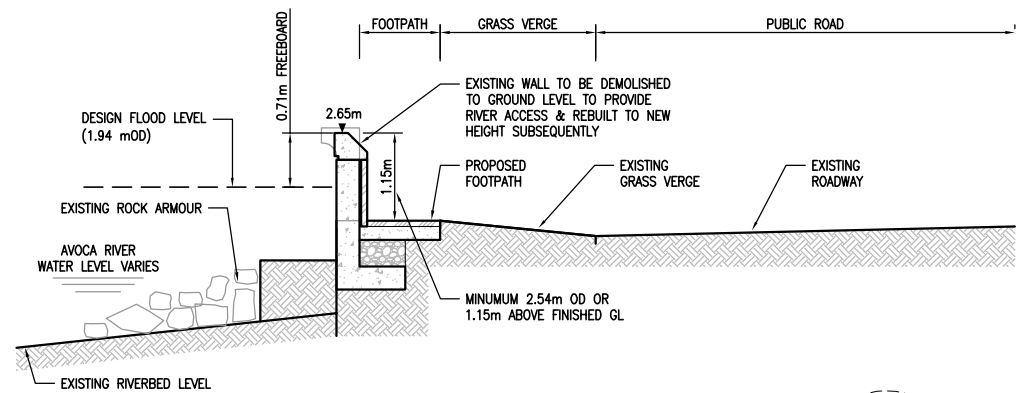
Date: 20.04.18	Scale: 1/50	Drawn: NM	Chk: KT	App: KT
Project No: PH00886/01	Dwg. No: 1046	Rev: P4		



INDICATIVE FLOOD DEFENCE WALL SECTION P-P (SCALE 1:50)



INDICATIVE FLOOD DEFENCE WALL SECTION Q-Q (SCALE 1:50)



INDICATIVE FLOOD DEFENCE WALL SECTION R-R (SCALE 1:50)

GENERAL NOTES

- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1031, 1040 & 1041
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
- REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING

LEGEND

DESIGN FLOOD LEVEL: [Symbol]

EXISTING GROUND: [Symbol]

EXISTING QUAY WALL: [Symbol]

PROPOSED ROAD LAYER WORKS: [Symbol]

PROPOSED FILL MATERIAL: [Symbol]

PROPOSED PEDESTRIAN AREA: [Symbol]

P4	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	04.11.20	ISSUE FOR INFORMATION	LT	KBS	KT
P2	10.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT
Rev	Date	Description	By	Chk	App

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ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
FLOOD DEFENCE WALLS & EMBANKMENTS SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE SECTIONS SHEET 2

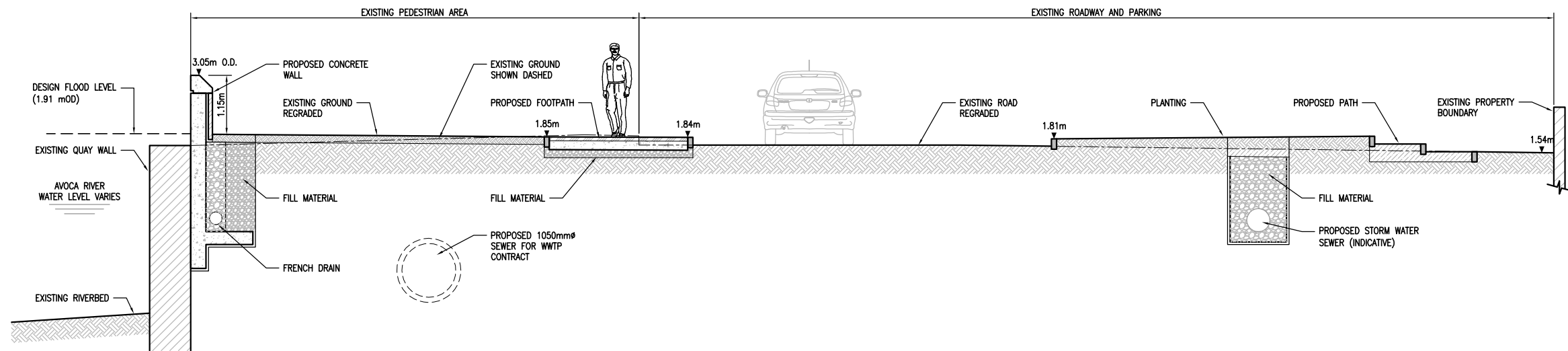
STATUS
FOR PLANNING

Date: 19.06.18	Scale: 1/50	Drawn: NM	Chk: KT	App: KT
Project No: PH00886/01	Dwg. No: 1047	Rev: P4		

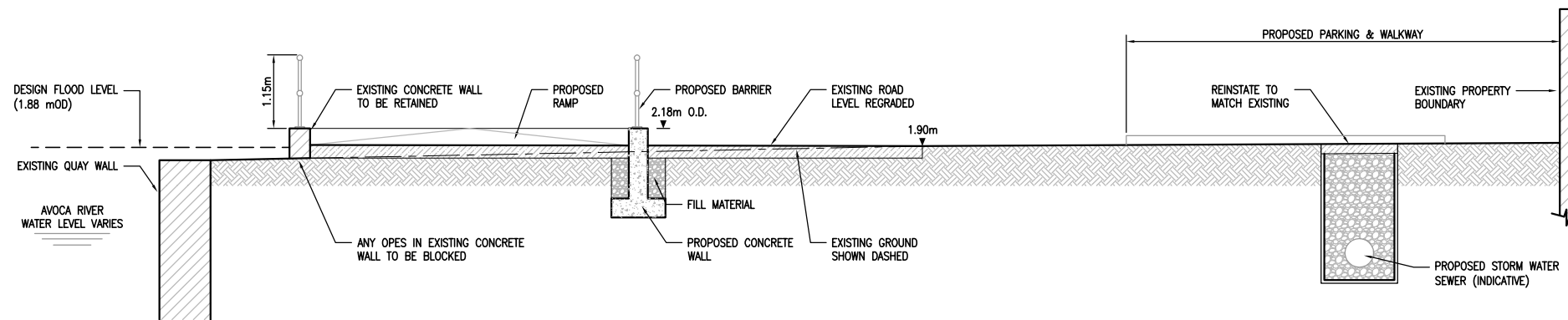
- NOTES:
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1031, 1041 & 1042
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING

LEGEND

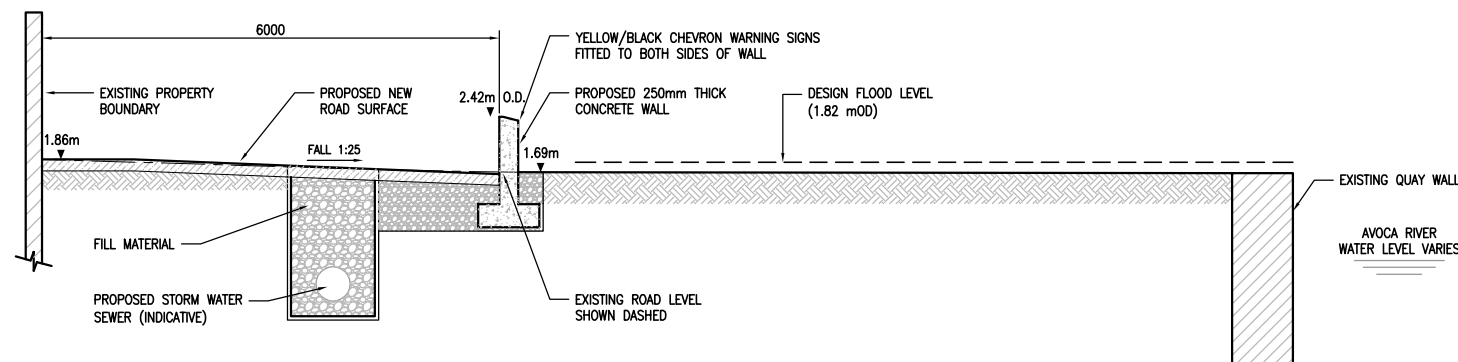
DESIGN FLOOD LEVEL:	
EXISTING GROUND:	
EXISTING QUAY WALL:	
PROPOSED ROAD LAYER WORKS:	
PROPOSED FILL MATERIAL:	
PROPOSED PEDESTRIAN AREA:	



INDICATIVE FLOOD DEFENCE
WALL SECTION S-S
(SCALE 1:50)



INDICATIVE FLOOD DEFENCE
WALL SECTION T-T
(SCALE 1:50)



INDICATIVE FLOOD DEFENCE
WALL SECTION U-U
(SCALE 1:50)

P3	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P2	10.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
P1	10.09.18	ISSUE FOR INFORMATION	NM	SH	KT
Rev	Date	Description	By	Chk	App

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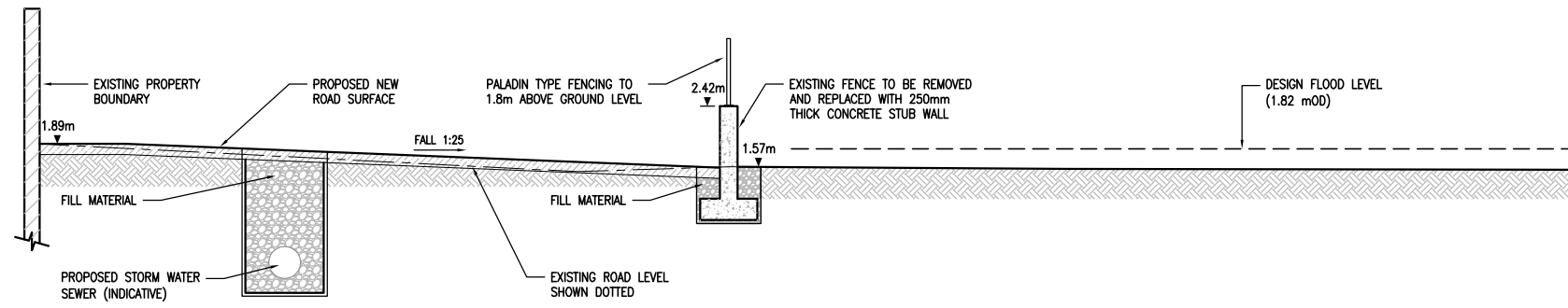
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

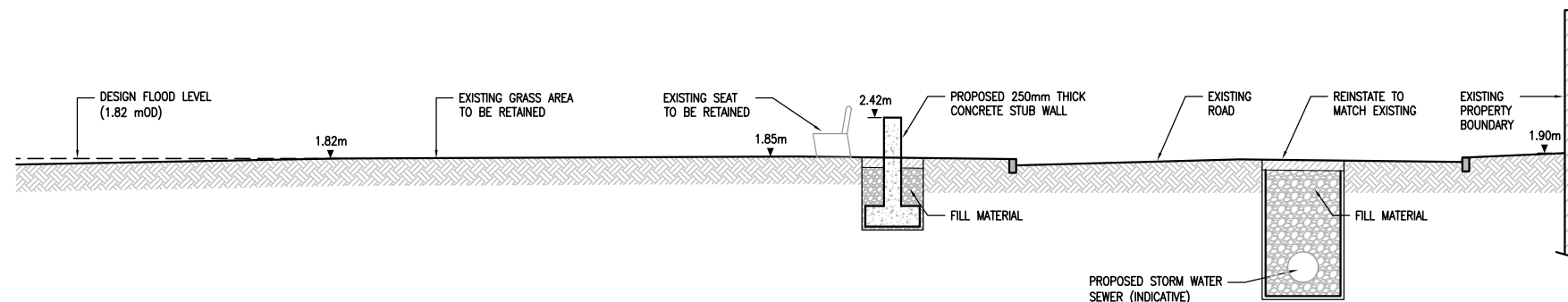
DRAWING TITLE
**FLOOD DEFENCE WALLS & EMBANKMENTS
 SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE
 SECTIONS SHEET 3**

STATUS
FOR PLANNING

Date: 18.05.18	Scale: 1/50	Drawn: PM	Chk: NM	App: KT
Project No: PH00886/01	Drg. No: 1048	Rev: P3		



INDICATIVE FLOOD DEFENCE
WALL SECTION V-V
(SCALE 1:50)



INDICATIVE FLOOD DEFENCE
WALL SECTION W-W
(SCALE 1:50)

NOTES:

- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH DRAWINGS 1031 & 1042
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
- REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING

LEGEND

DESIGN FLOOD LEVEL:

- EXISTING GROUND:
- EXISTING QUAY WALL:
- PROPOSED ROAD LAYER WORKS:
- PROPOSED FILL MATERIAL:
- PROPOSED PEDESTRIAN AREA:

Rev	Date	Description	By	Chk	App
P2	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
P1	10.02.20	ISSUE FOR INFORMATION	LT	KBS	KT

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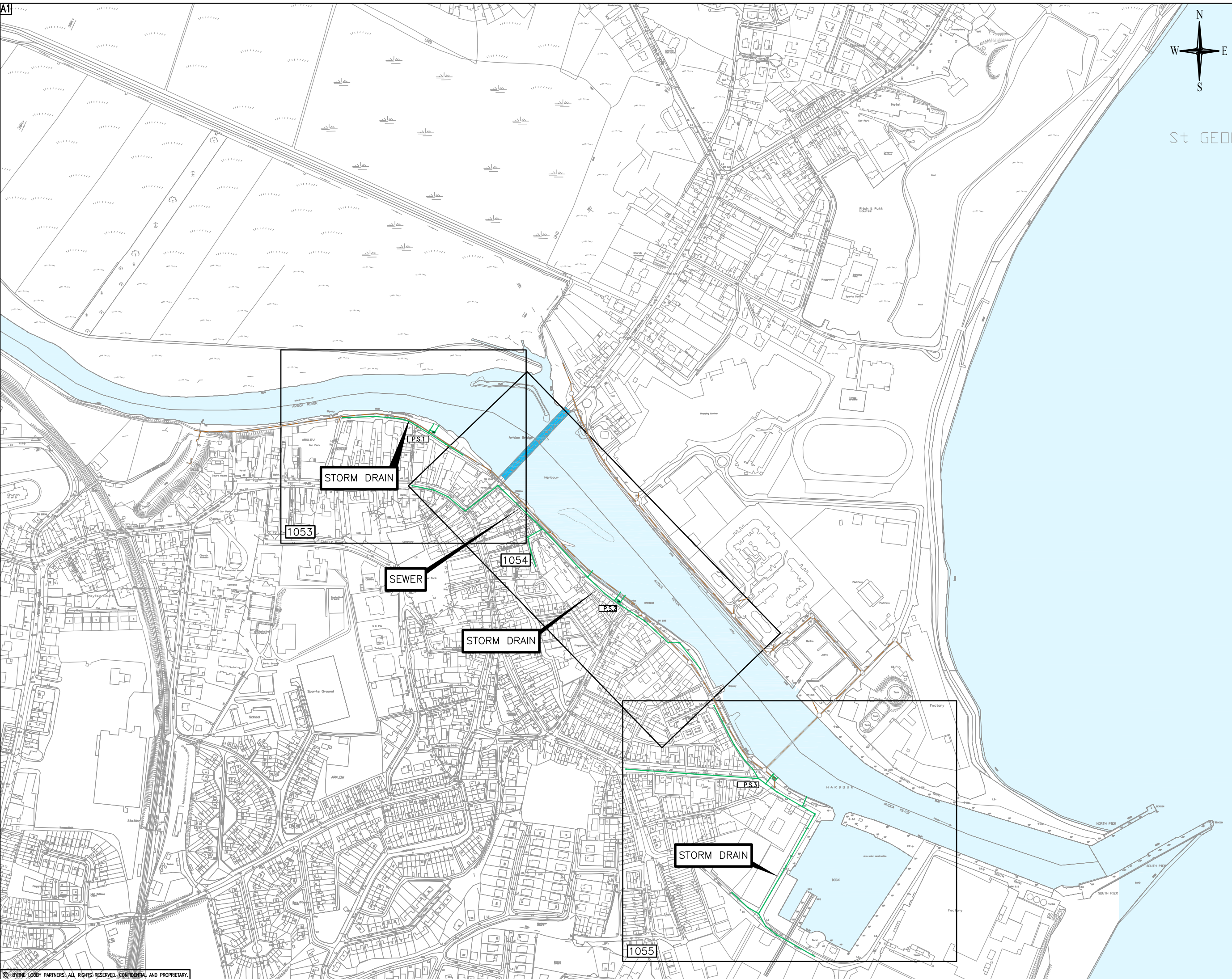
PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**FLOOD DEFENCE WALLS & EMBANKMENTS
SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE
SECTIONS SHEET 4**

STATUS
FOR PLANNING

Date: 04.02.20	Scale: 1/50	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1049	Rev: P2		

A1



St GEOR

LEGEND

- 1. DO NOT SCALE OFF DRAWING
- 2. DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
- 3. DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION

LEGEND

PROPOSED STORM DRAINAGE:

PROPOSED STORMWATER PUMPING STATION:

PROPOSED INTERCEPTOR SEWER (INDICATIVE):

P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	18.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
Rev	Date	Description	By	Chk	App

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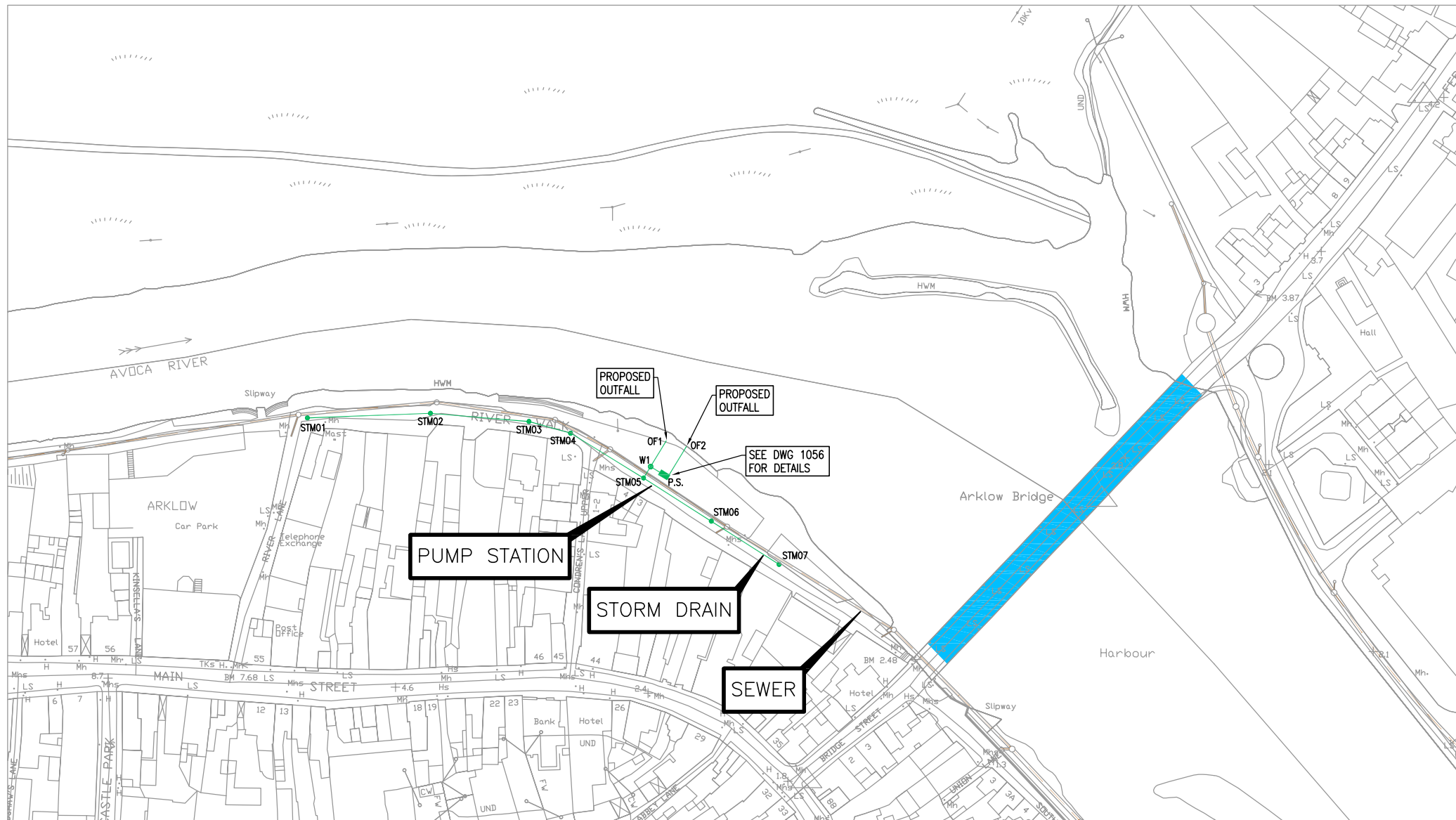
CLIENT
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

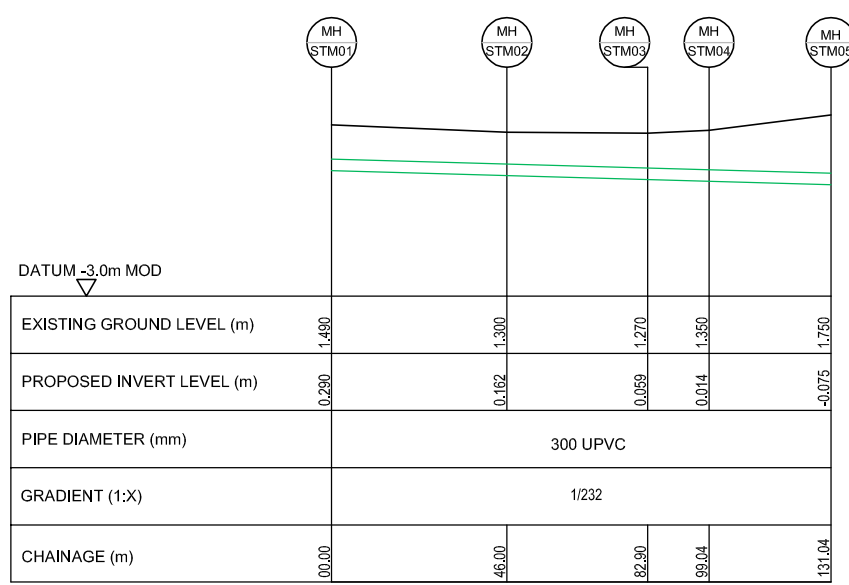
DRAWING TITLE
STORMWATER DRAINAGE OVERALL LAYOUT PLAN

STATUS
FOR PLANNING

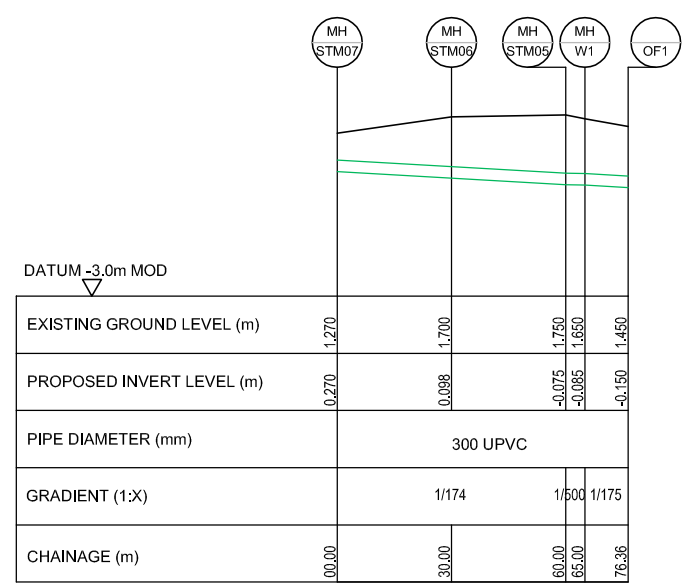
Date: 15.10.18	Scale: 1/2500	Drawn: NM	Chk: KT	App: KT
Project No: PH00886/01	Drg. No: 1051	Rev:		P1



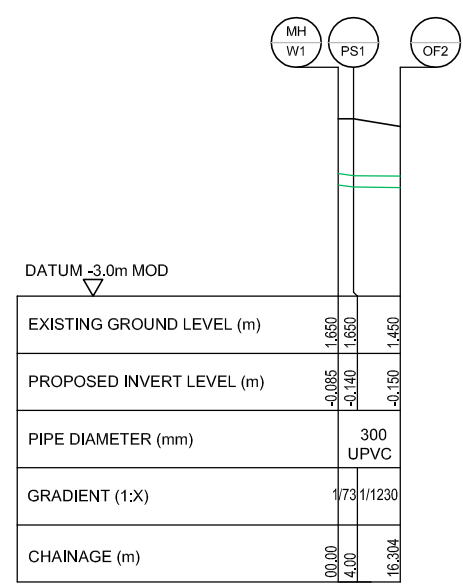
LAYOUT PLAN SCALE 1/1000



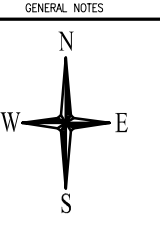
LONGITUDINAL SECTION RIVERWALK U/S PS1
SCALE: VERT 1:100 / HORIZ 1:1000



LONGITUDINAL SECTION RIVERWALK D/S PS1
SCALE: VERT 1:100 / HORIZ 1:1000



LONGITUDINAL SECTION RIVERWALK W1-OUTFALL2
SCALE: VERT 1:100 / HORIZ 1:1000



- GENERAL NOTES
- DO NOT SCALE OFF DRAWING
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 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION

LEGEND

PROPOSED STORM DRAINAGE:	
PROPOSED STORMWATER PUMPING STATION:	
PROPOSED MANHOLE:	
PROPOSED INTERCEPTOR SEWER (INDICATIVE):	

STORMWATER DRAINAGE

MANHOLE	PIPE Ø	PIPE m	MANHOLE
STM01	300	46.0000	STM02
STM02	300	36.9000	STM03
STM03	300	16.1400	STM04
STM04	300	32.0000	STM05
STM07	300	30.0000	STM06
STM06	300	30.0000	STM05
STM05	300	5.0000	W1
W1	300	11.3600	OF1
W1	300	4.0000	PS1
PS1	300	12.3000	OF2

Rev	Date	Description	By	Chk	App
P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	20.02.20	ISSUE FOR INFORMATION	LT	KBS	KT

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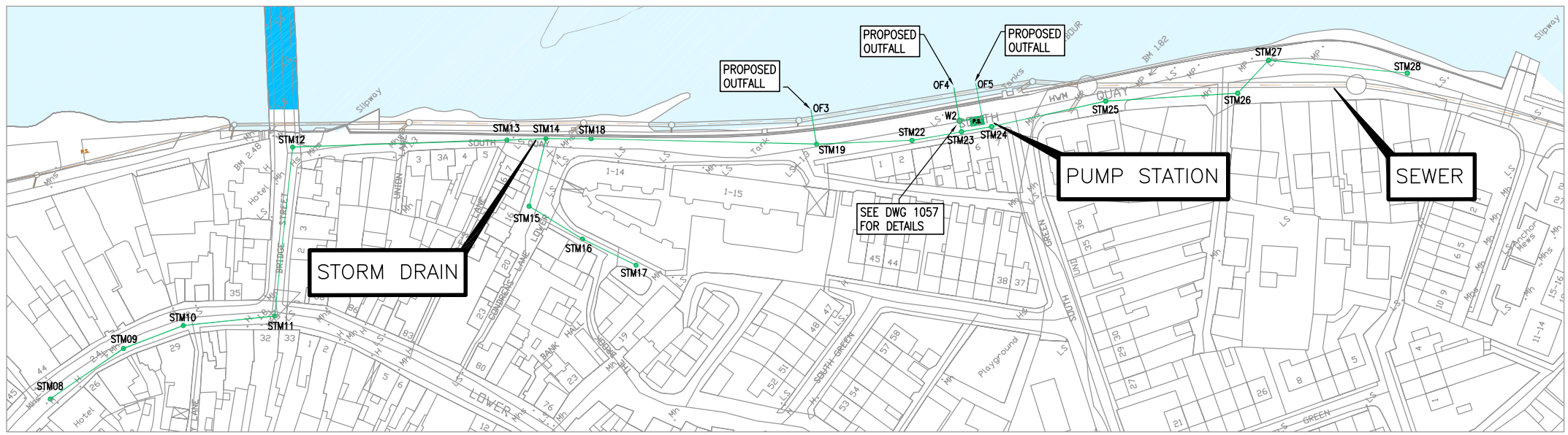
CLIENT
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
STORMWATER DRAINAGE SOUTH BANK UPSTREAM OF ARKLOW BRIDGE LAYOUT & LONGITUDINAL SECTIONS

STATUS
FOR PLANNING

Date: 20.02.20	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1053	Rev: P1		



LAYOUT PLAN SCALE 1/500

GENERAL NOTES

- DO NOT SCALE OFF DRAWING
- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
- DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION

LEGEND

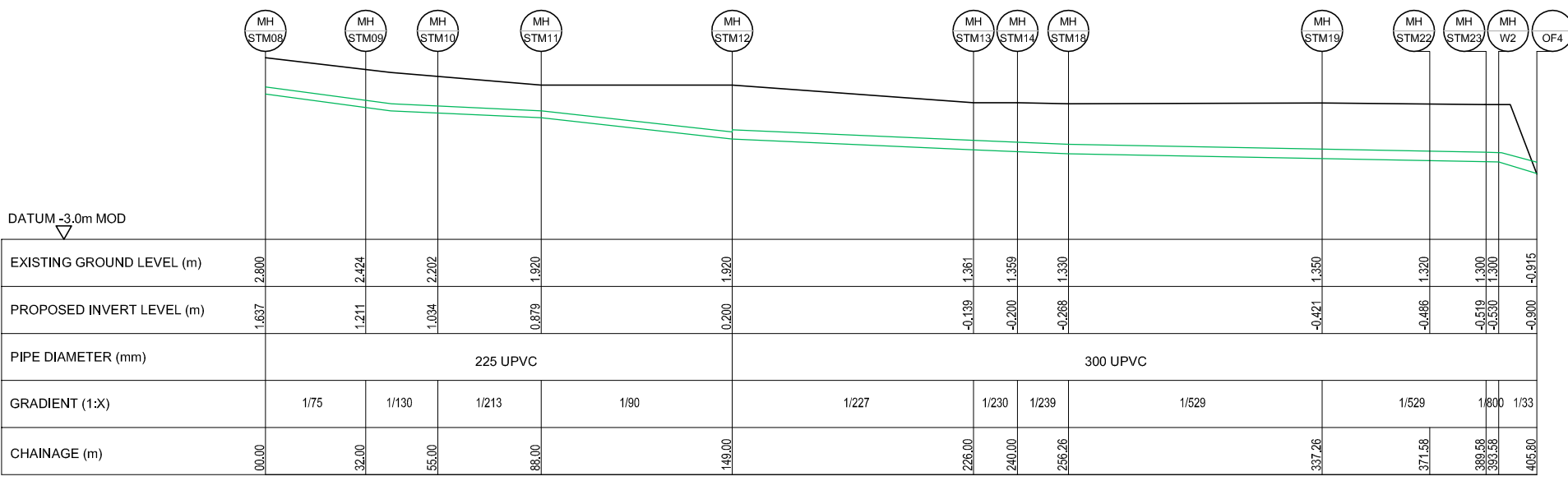
PROPOSED STORM DRAINAGE:

PROPOSED STORMWATER PUMPING STATION:

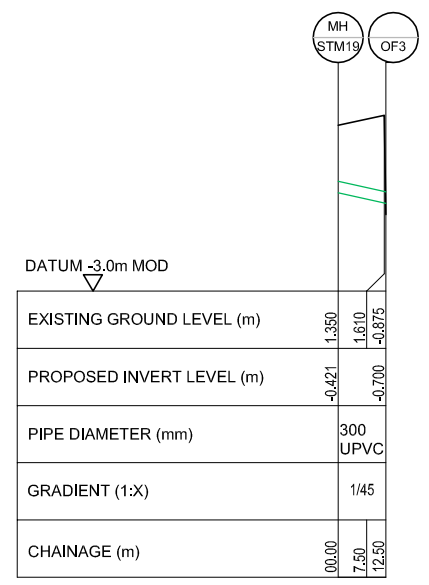
PROPOSED MANHOLE:

PROPOSED INTERCEPTOR SEWER (INDICATIVE):

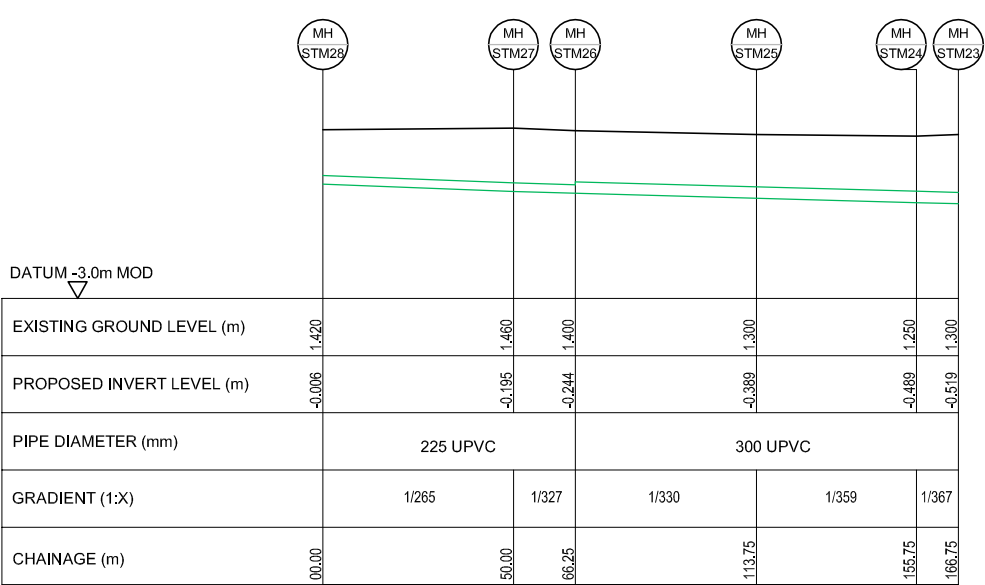
STORMWATER DRAINAGE			
MANHOLE	PIPE Ø	PIPE m	MANHOLE
STM08	225	32.0000	STM09
STM09	225	23.0000	STM10
STM10	225	33.0000	STM11
STM11	225	61.0000	STM12
STM12	300	77.0000	STM13
STM13	300	14.0000	STM14
STM14	300	16.2600	STM18
STM18	300	81.0000	STM19
STM19	300	34.3200	STM22
STM22	300	18.0000	STM23
STM23	300	4.0000	W2
W2	300	12.2300	OF4
STM17	150	21.5000	STM16
STM16	150	22.5000	STM15
STM15	225	25.0000	STM14
STM19	300	12.5000	OF3
STM28	225	50.0000	STM27
STM27	225	16.2500	STM26
STM26	300	47.5000	STM25
STM25	300	42.0000	STM24
STM24	300	11.0000	STM23
STM23	300	4.0000	W2
W2	300	3.8000	PS2
PS2	300	11.9500	OF5



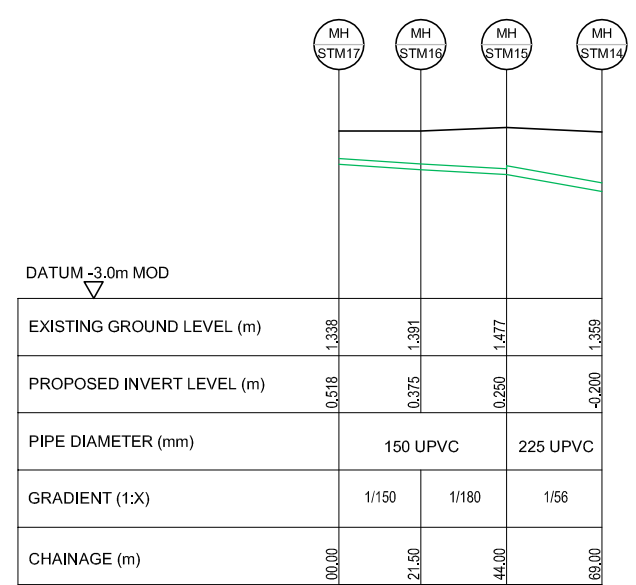
LONGITUDINAL SECTION MAIN STREET - SOUTH QUAY U/S PS2
SCALE: VERT 1:100 / HORIZ 1:1000



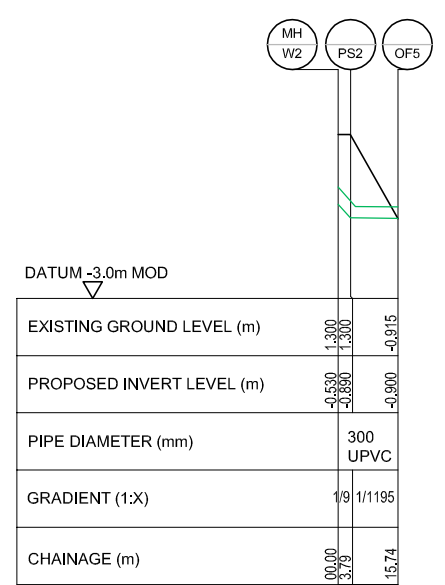
LONGITUDINAL SECTION STM-19 - OUTFALL3
SCALE: VERT 1:100 / HORIZ 1:1000



LONGITUDINAL SECTION SOUTH QUAY D/S PS2
SCALE: VERT 1:100 / HORIZ 1:1000



LONGITUDINAL SECTION THE BROOK - SOUTH QUAY U/S PS2
SCALE: VERT 1:100 / HORIZ 1:1000



LONGITUDINAL SECTION W2 - OUTFALL5
SCALE: VERT 1:100 / HORIZ 1:1000

P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	20.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
Rev	Date	Description	By	Chk	App

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PROJECT
ARKLOW FLOOD RELIEF SCHEME


DRAWING TITLE
**STORMWATER DRAINAGE
SOUTH BANK DOWNSTREAM OF ARKLOW BRIDGE
LAYOUT & LONGITUDINAL SECTIONS**


STATUS
FOR PLANNING


Date: 20.02.20 Scale: AS SHOWN Drawn: LT Chk: KBS App: KT
Project No: PH00886/01 Drg. No: 1054 Rev: P1


- LEGEND**
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION

LEGEND

PROPOSED STORM DRAINAGE: 

PROPOSED STORMWATER PUMPING STATION: 

PROPOSED MANHOLE: 

PROPOSED INTERCEPTOR SEWER (INDICATIVE): 

STORMWATER DRAINAGE			
MANHOLE	PIPE Ø	PIPE m	MANHOLE
STM29	300	64.0000	STM30
STM30	300	28.0000	STM31
STM31	300	16.5000	STM32
STM32	300	17.5000	STM33
STM33	375	12.0000	STM37
STM37	375	10.0000	STM38
STM38	375	6.0000	W3
W3	375	3.6700	OF6
W3	375	2.7000	PS3
PS3	375	3.4000	OF7
STM36	300	25.0000	STM35
STM35	300	85.0000	STM34
STM34	300	85.0000	STM33
STM48	375	53.0000	STM47
STM47	375	21.0000	STM46
STM46	375	21.0000	STM43
STM43	375	81.0000	STM42
STM42	375	87.0000	STM41
STM41	375	21.5000	STM40
STM40	375	43.5000	STM39
STM39	375	20.0000	STM37
STM45	300	32.0000	STM44
STM44	300	18.0000	STM43

Rev	Date	Description	By	Chk	App
P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	20.02.20	ISSUE FOR INFORMATION	LT	KBS	KT

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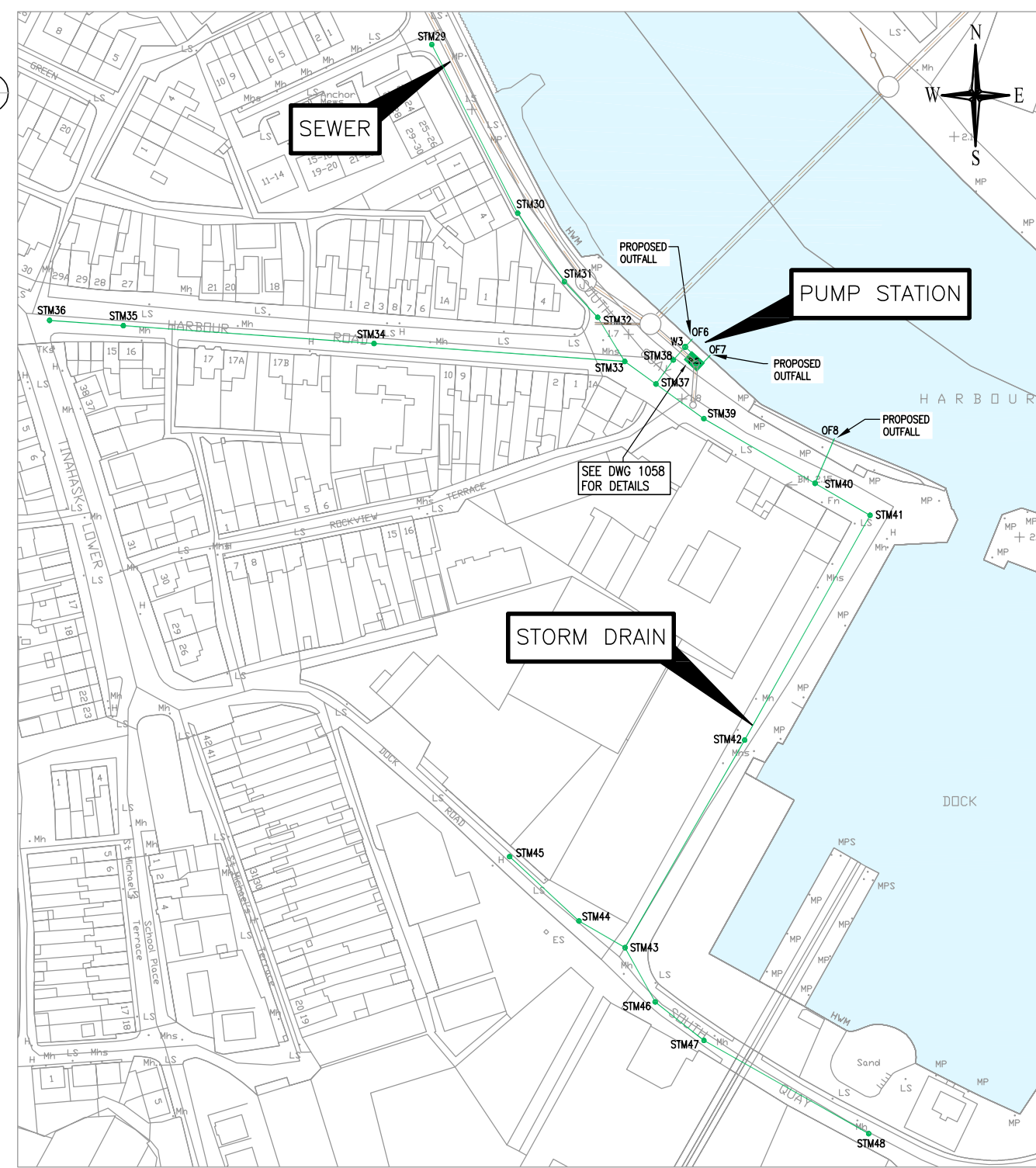
CLIENT
WICKLOW COUNTY COUNCIL

PROJECT
ARKLOW FLOOD RELIEF SCHEME

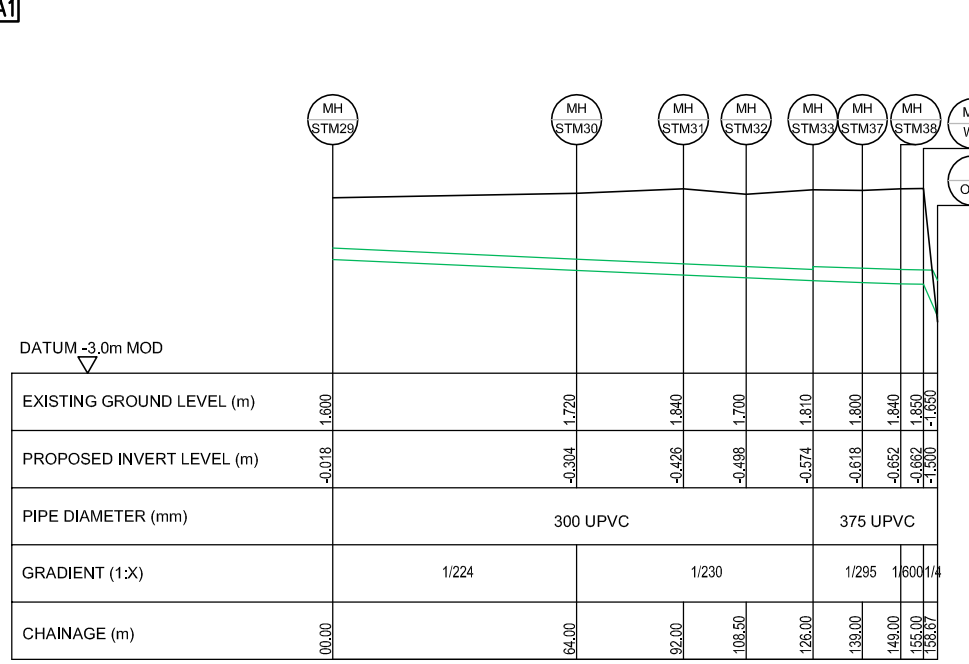
DRAWING TITLE
STORMWATER DRAINAGE SOUTH BANK HARBOUR AREA LAYOUT & LONGITUDINAL SECTIONS

STATUS
FOR PLANNING

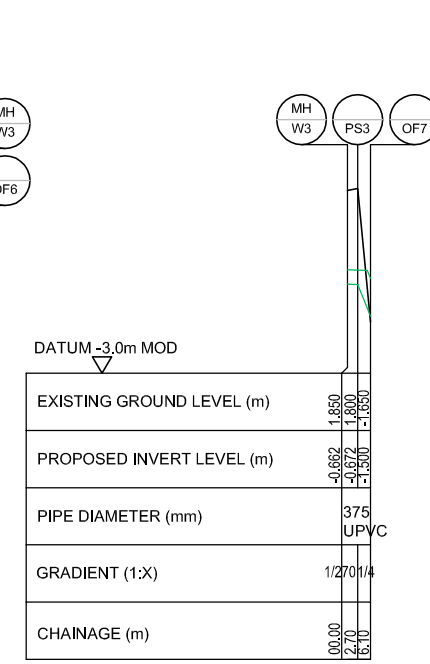
Date: 20.02.20	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1055	Rev: P1		



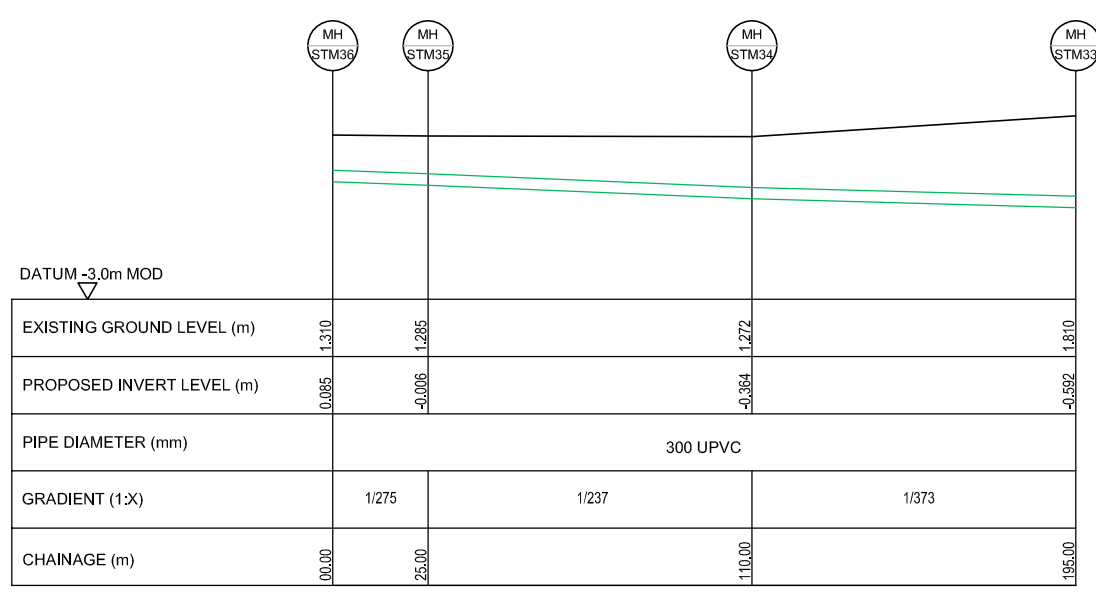
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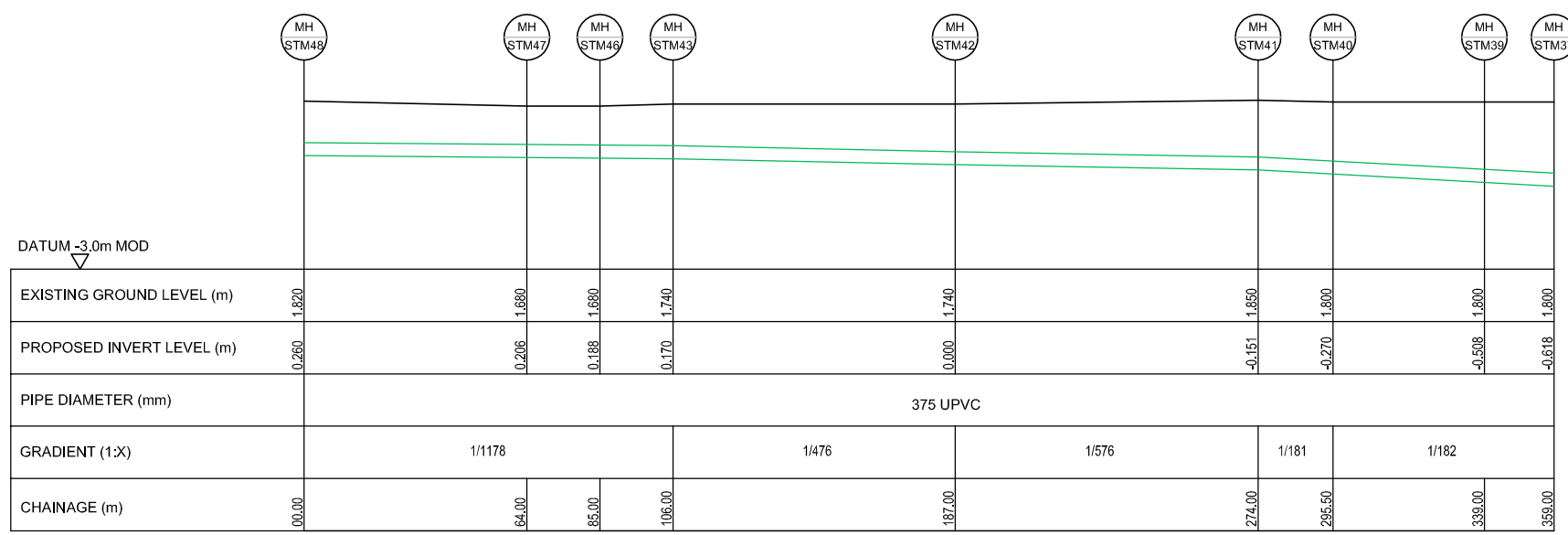
LONGITUDINAL SECTION SOUTH QUAY U/S PS3
 SCALE: VERT 1:100 / HORIZ 1:1000



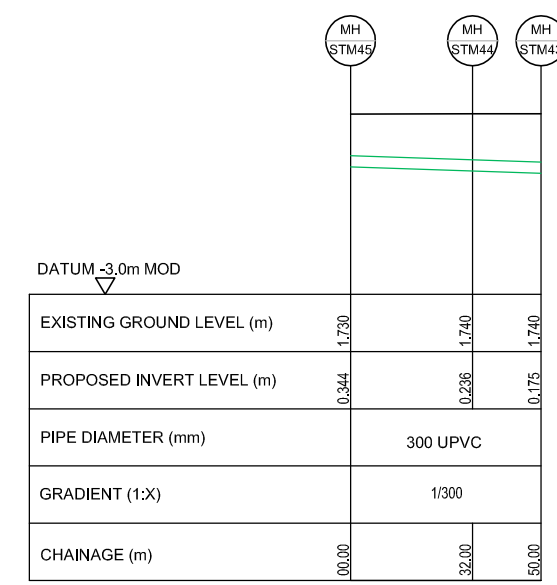
LONGITUDINAL SECTION W3 - OUTFALL7
 SCALE: VERT 1:100 / HORIZ 1:1000



LONGITUDINAL SECTION HARBOUR ROAD - SOUTH QUAY U/S PS3
 SCALE: VERT 1:100 / HORIZ 1:1000



LONGITUDINAL SECTION SOUTH QUAY (DOCKS) D/S PS3
 SCALE: VERT 1:100 / HORIZ 1:1000

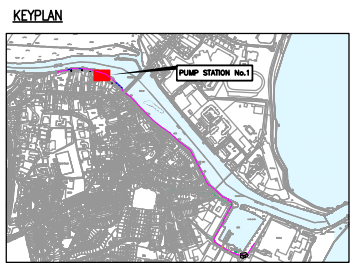
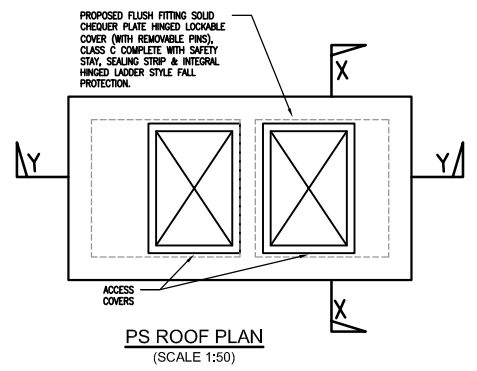
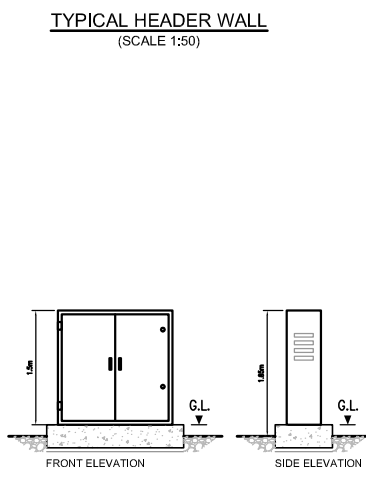
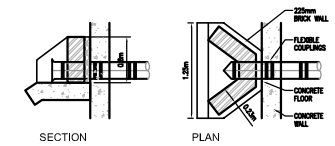
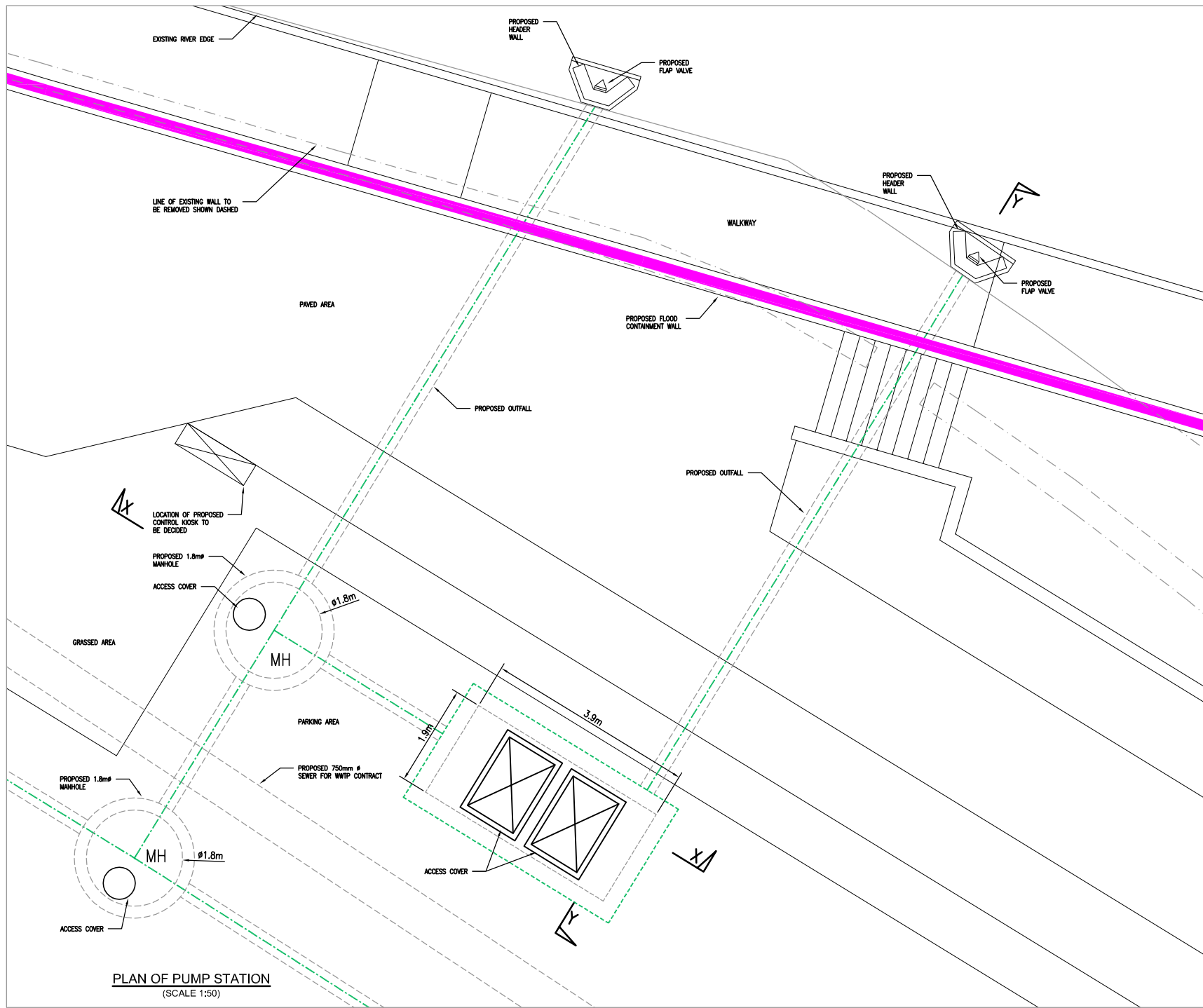
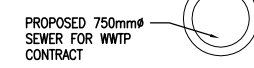
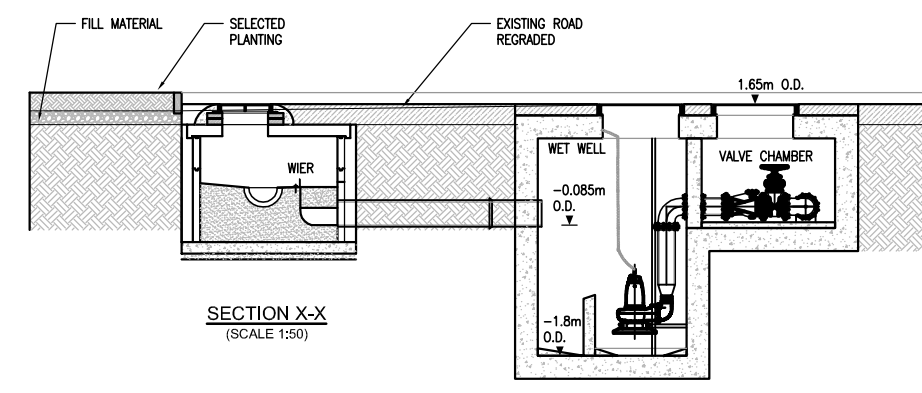
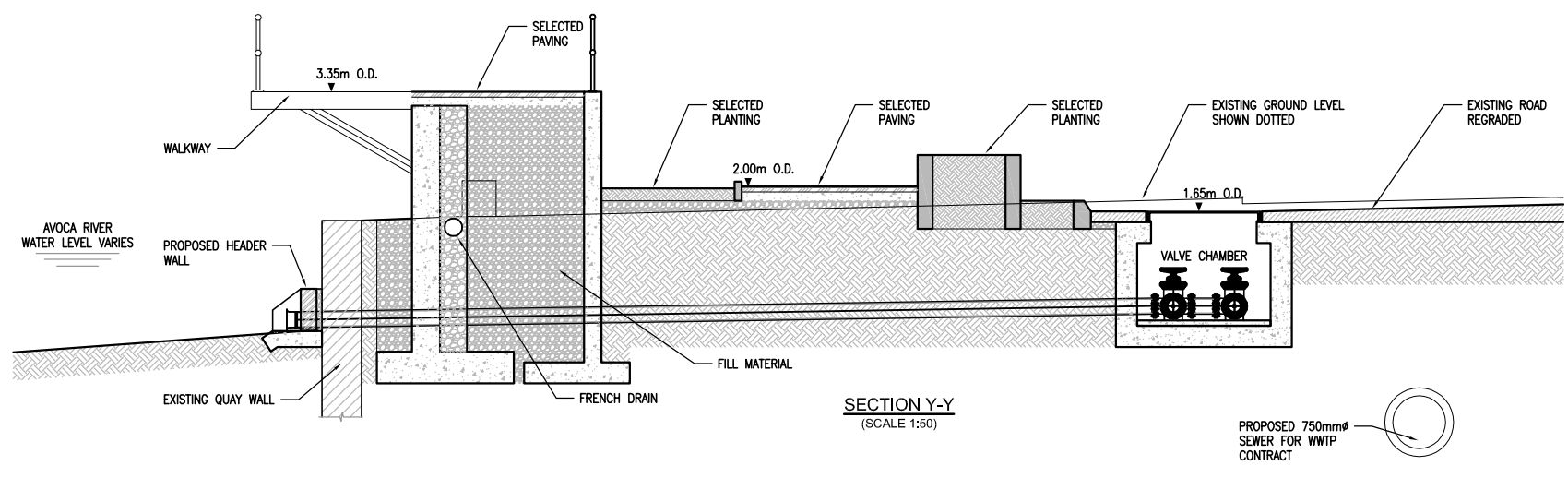


LONGITUDINAL SECTION DOCK ROAD - SOUTH QUAY D/S PS3
 SCALE: VERT 1:100 / HORIZ 1:1000



- GENERAL NOTES
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

- LEGEND
- PROPOSED STORM DRAINAGE:
 - PROPOSED STORMWATER PUMPING STATION:
 - PROPOSED SEWER FOR WWTP CONTRACT (INDICATIVE):
 - PROPOSED FLOOD DEFENCE:



Rev	Date	Description	By	Chk	App
P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	18.02.20	ISSUE FOR INFORMATION	LT	KBS	KT

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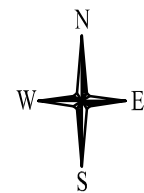
CLIENT
WICKLOW COUNTY COUNCIL

PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**STORMWATER DRAINAGE PUMPING STATION No.1
 GA, PLAN & SECTIONS**

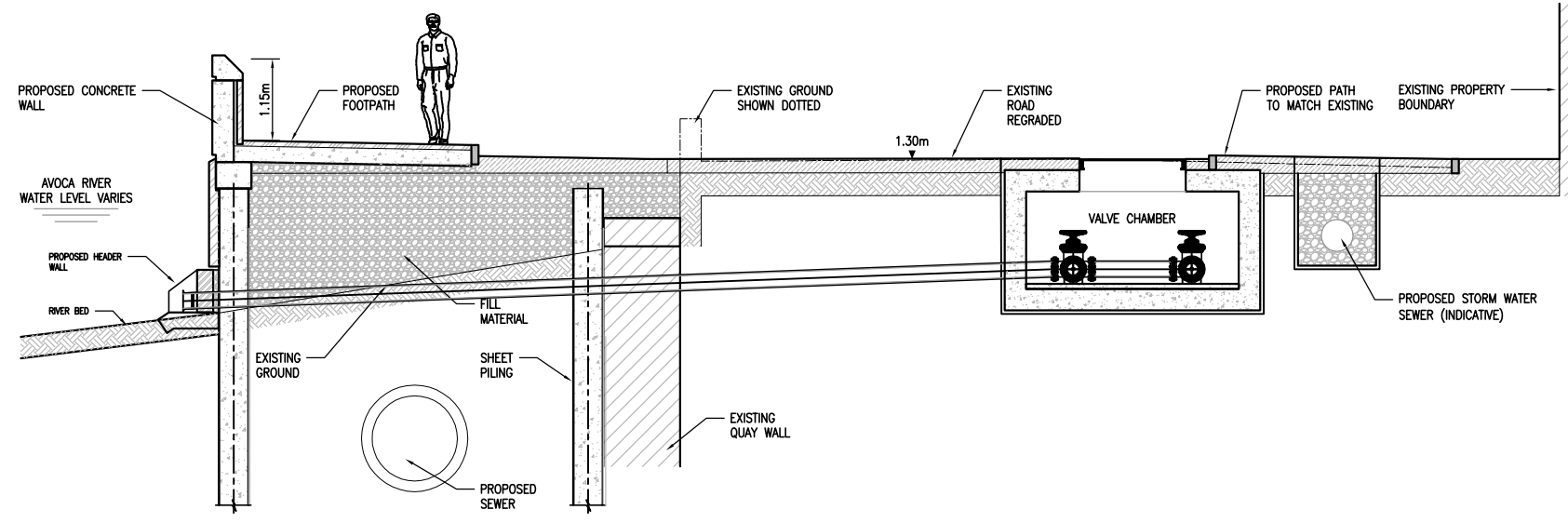
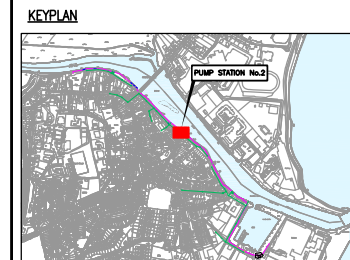
STATUS
FOR PLANNING

Date:	Scale:	AS SHOWN	Drawn:	LT	Chk:	KBS	App:	KT
18.02.20	AS SHOWN	Drawn:	LT	Chk:	KBS	App:	KT	
Project No:	Ph00886/01	Drg. No:	1056	Rev:				P1

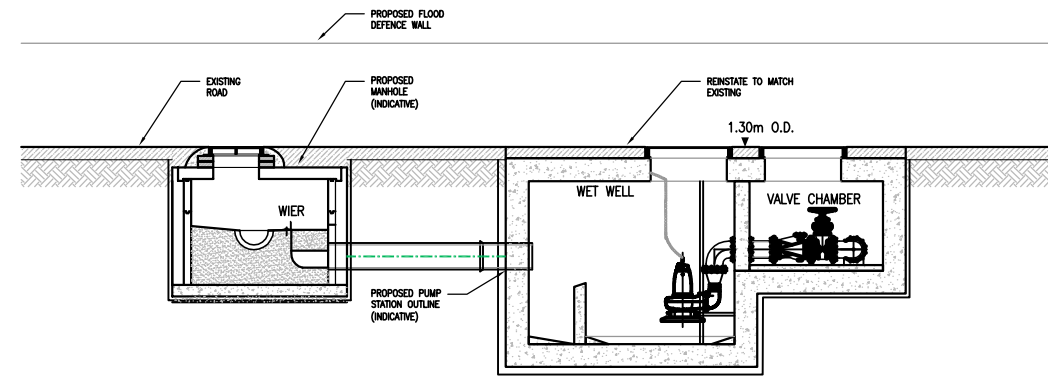


- LEGEND**
- DO NOT SCALE OFF DRAWING
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

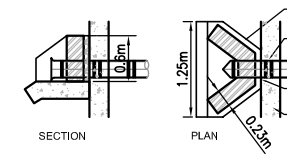
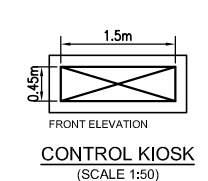
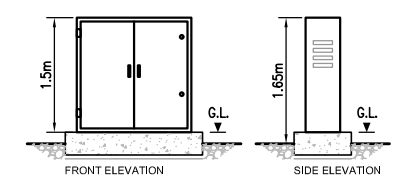
- LEGEND**
- PROPOSED STORM DRAINAGE:
 - PROPOSED STORMWATER PUMPING STATION:
 - PROPOSED INTERCEPTOR SEWER (INDICATIVE):
 - PROPOSED FLOOD DEFENCE:



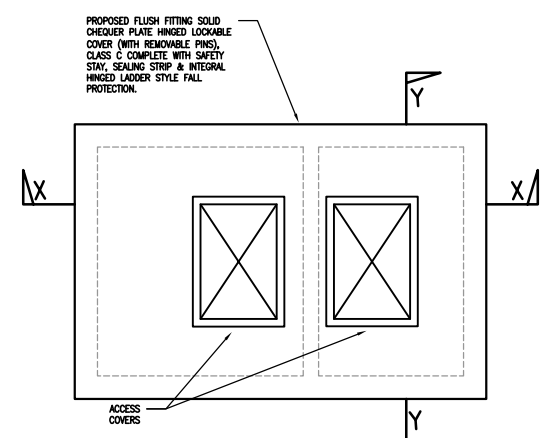
SECTION Y-Y
(SCALE 1:50)



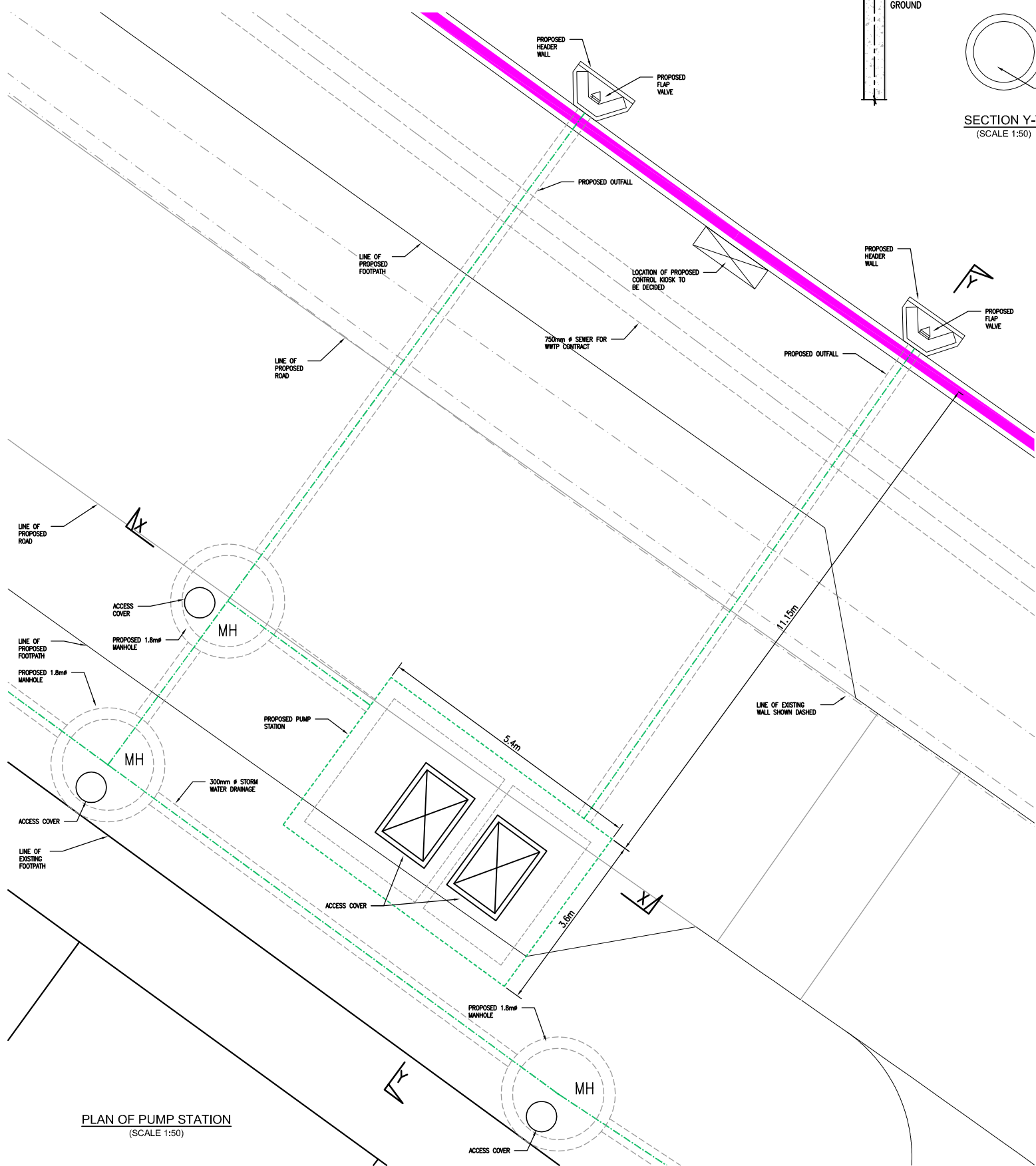
SECTION X-X
(SCALE 1:50)



TYPICAL HEADER WALL
(SCALE 1:50)



PS ROOF PLAN
(SCALE 1:50)



PLAN OF PUMP STATION
(SCALE 1:50)

Rev	Date	Description	By	Chk	App
P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	18.02.20	ISSUE FOR INFORMATION	LT	KBS	KT

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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**STORMWATER DRAINAGE
 PUMPING STATION No.2
 GA, PLAN & SECTIONS**

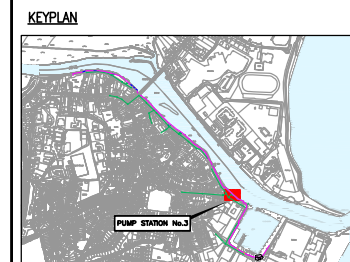
STATUS
FOR PLANNING

Date: 18.02.20	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1057	Rev: P1		



- LEGEND
- DO NOT SCALE OFF DRAWING
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 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
 - REFER TO PUBLIC REALM DRAWINGS FOR FOOTPATH AND ROAD PAVING DETAILS, WALL FINISHES AND LANDSCAPING.

- LEGEND
- PROPOSED STORM DRAINAGE:
 - PROPOSED STORMWATER PUMPING STATION:
 - PROPOSED INTERCEPTOR SEWER (INDICATIVE):
 - PROPOSED FLOOD DEFENCE:



P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	18.02.20	ISSUE FOR INFORMATION	LT	KBS	KT
Rev	Date	Description	By	Chk	App

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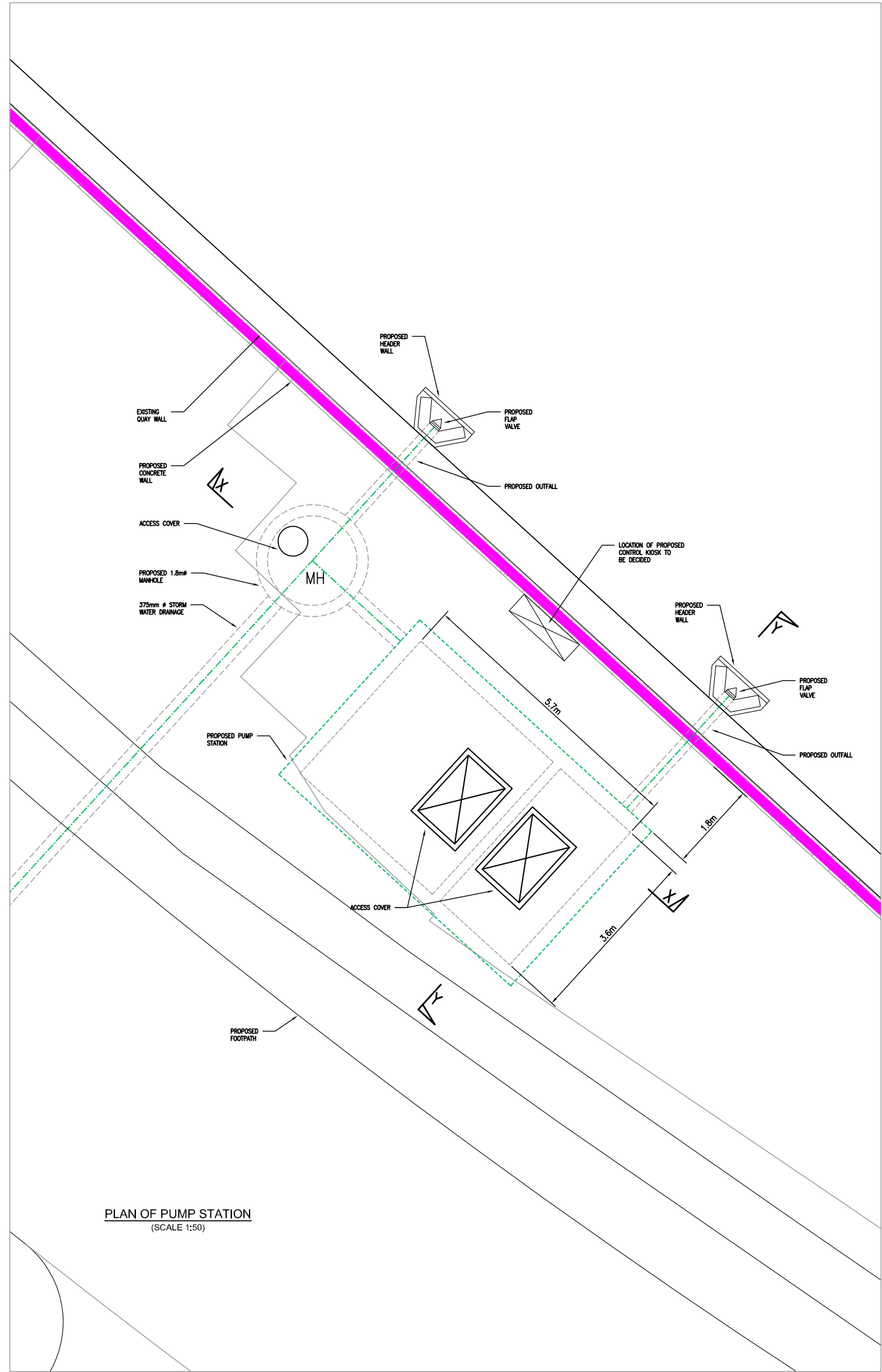
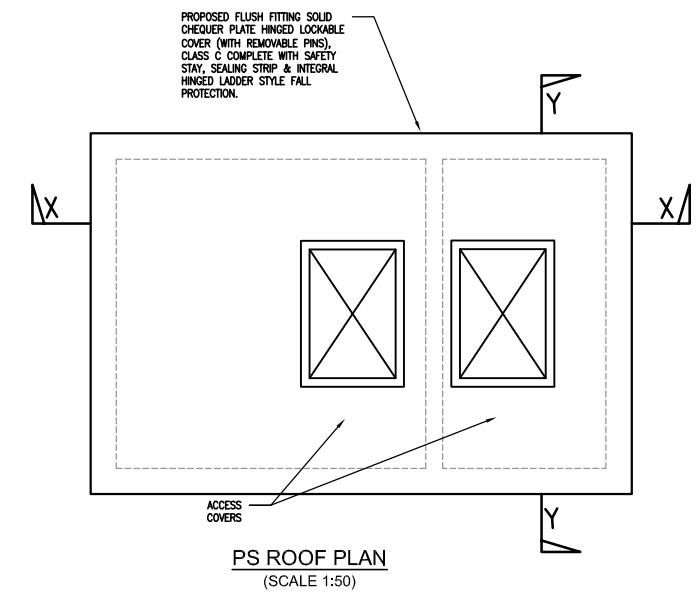
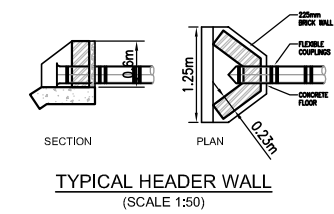
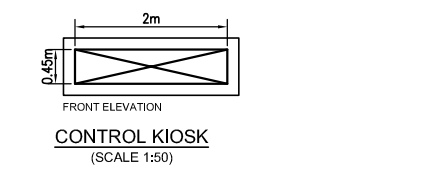
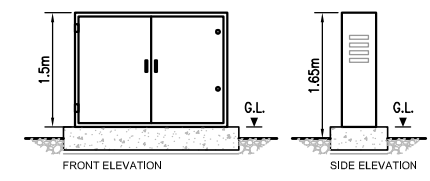
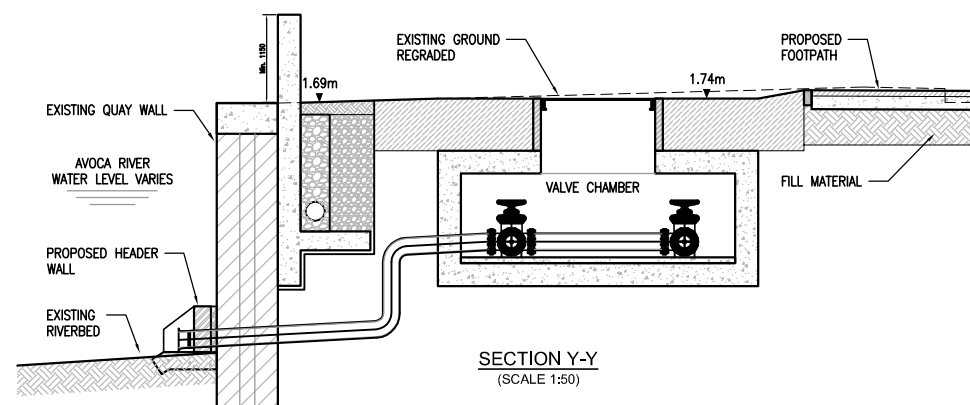
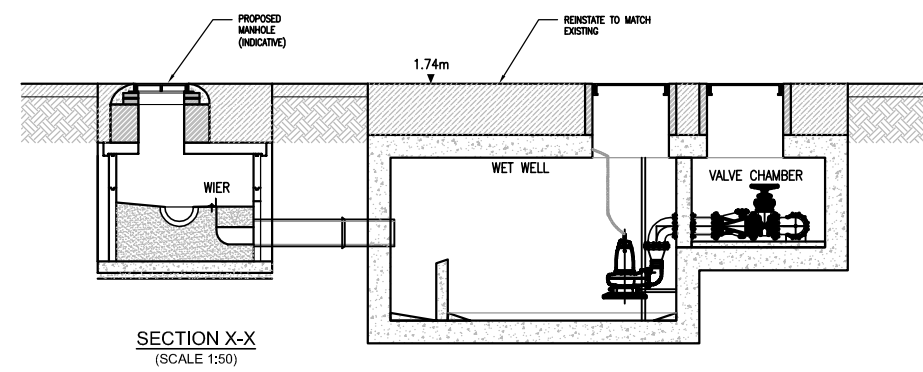
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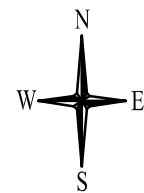
PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**STORMWATER DRAINAGE PUMPING STATION No.3
 GA, PLAN & SECTIONS**

STATUS
FOR PLANNING

Date: 18.02.20	Scale: AS SHOWN	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Org. No: 1058	Rev: P1		



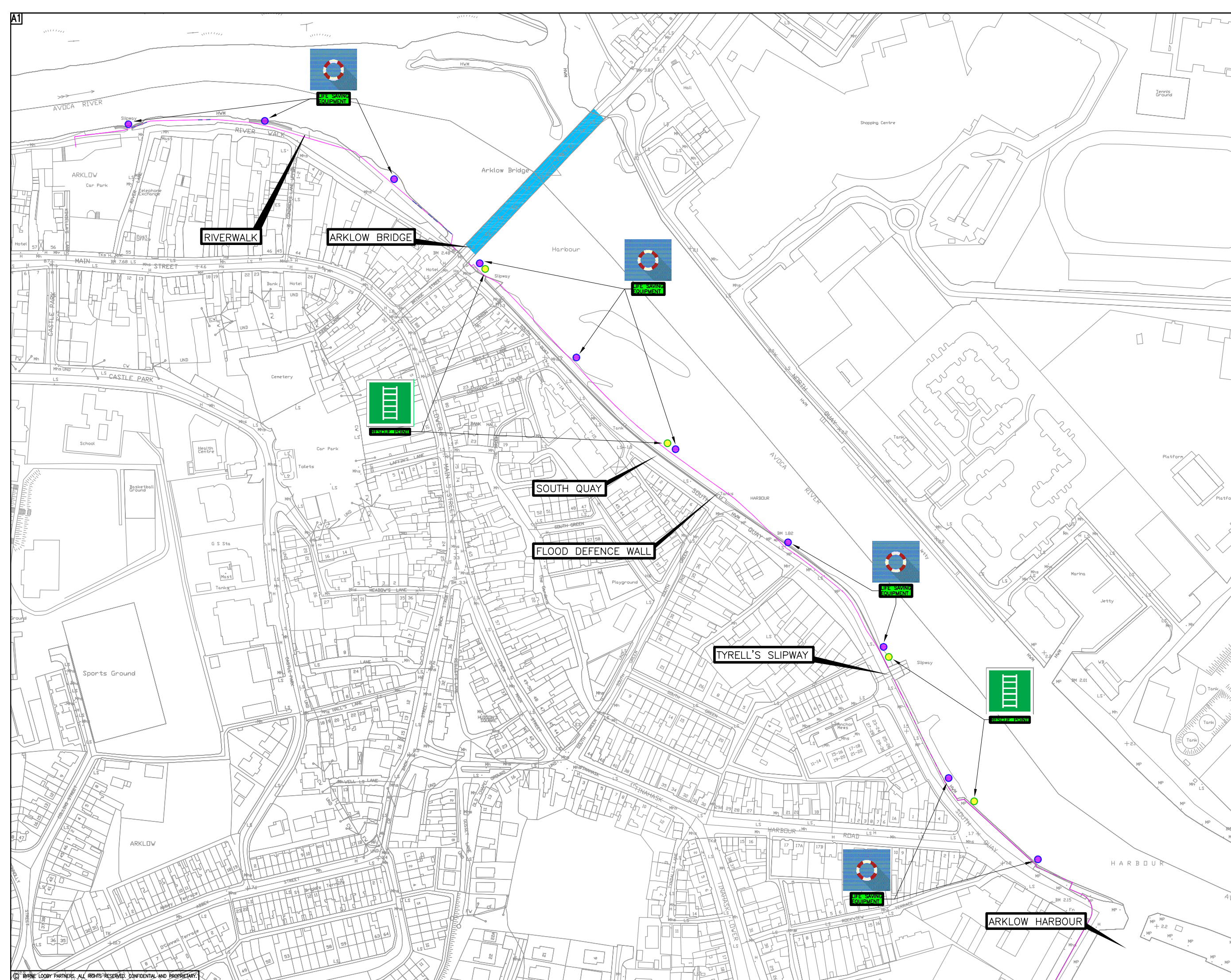


LEGEND

- 1. DO NOT SCALE OFF DRAWING
- 2. DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS
- 3. DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION
- 4. LIFE-BUOY'S TO BE INSTALLED AT EVERY 100m ALONG RIVER WALK & SOUTH QUAY
- 5. ACCESS LADDERS:
 - (i) ONE AT ARKLOW BRIDGE SOUTH QUAY
 - (ii) TWO BETWEEN ARKLOW BRIDGE & TYRELL'S SLIPWAY
 - (iii) ONE BETWEEN TYRELL'S SLIPWAY AND ARKLOW HARBOUR

LEGEND

- LOCATION OF LIFE-BUOY'S:
- LOCATION OF RESCUE POINTS:
- FLOOD DEFENCE WALL:



PO	27.04.21	ISSUE FOR PLANNING	LT	KBS	KT
Rev	Date	Description	By	Chk	App

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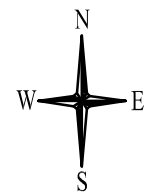
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WICKLOW COUNTY COUNCIL

PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
WATER SAFETY FEATURES

STATUS
FOR PLANNING

Date:	27.04.21	Scale:	1:1250	Drawn:	LT	Chk:	KBS	App:	KT
Project No:	PH00886/01	Drg. No.:	1060	Rev.:					PO



St GEORGE'S

NOTES:

- DO NOT SCALE OFF DRAWING.
- DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS.
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LEGEND:

- EX. OVERHEAD ESB LINE. — ESB O/H
- EX. UNDERGROUND ESB LINE. — ESB U/G
- EX. FOUL SEWER — FS — FS
- EX. GAS MAIN — —
- EX. TELECOMS LINE — —
- EX. WATERMAIN — —
- EX. SURFACE DRAINAGE — —
- EX. PUBLIC LIGHTING — —
- EX. CHEMICAL LINE — —
- EX. CABLE TELEVISION — —
- EX. DETECTED SERVICES — —
- PROPOSED EMBANKMENT ▨
- PROPOSED CHANNEL DIVERSION ▨
- PROPOSED FLOOD WALL — —
- PROPOSED STORM DRAIN — —

P2	28.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P1	11.01.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	02.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
Rev	Date	Description	By	Chk	App

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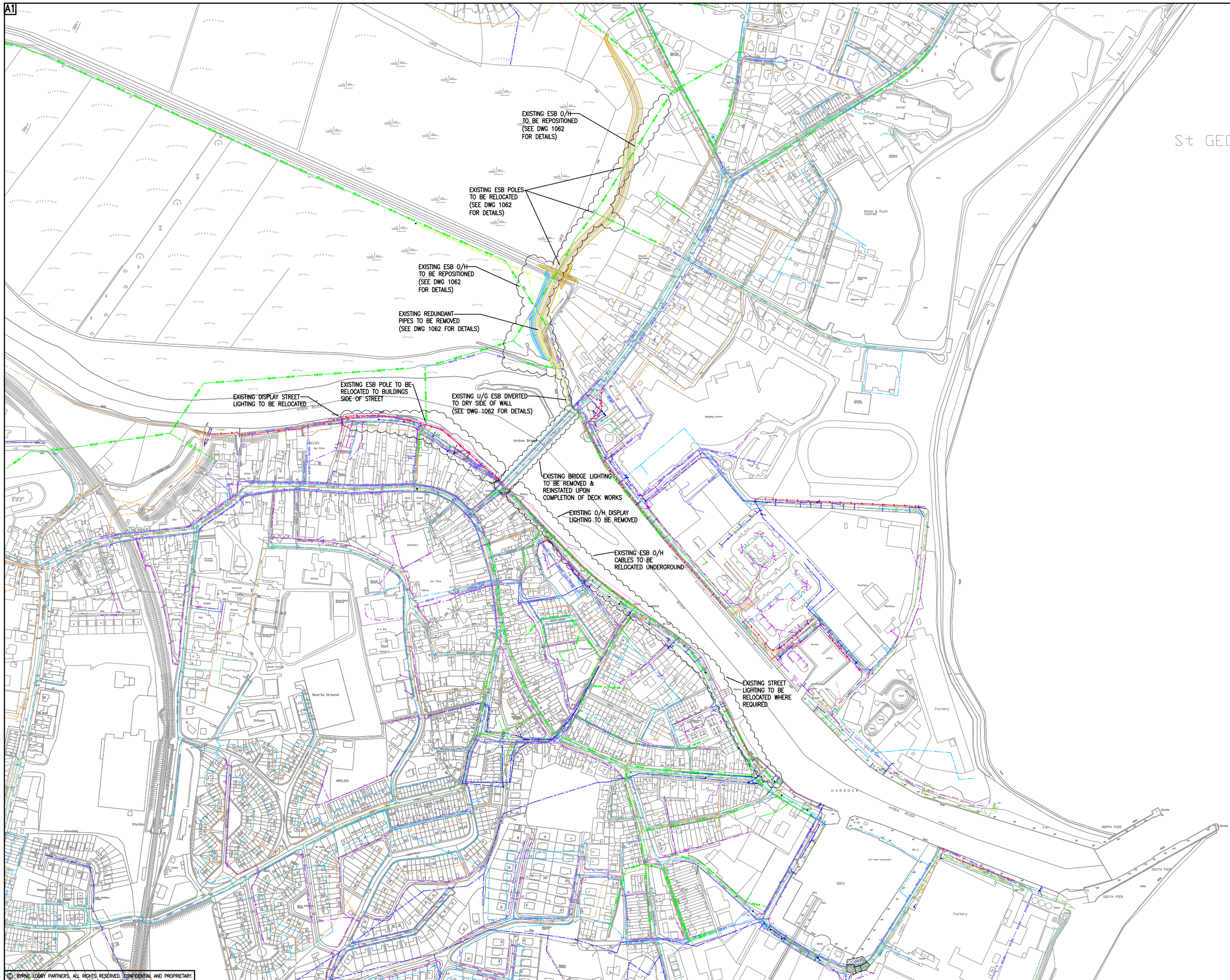
PROJECT
ARKLOW FLOOD RELIEF SCHEME

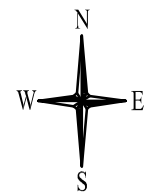
DRAWING TITLE
EXISTING UTILITY SERVICES LAYOUT PLAN

STATUS
FOR PLANNING

Date: 18.09.20	Scale: 1:2500	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1061	Rev:		P2

A1





NOTES:

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LEGEND:

- EX. OVERHEAD ESB LINE. --- ESB O/H
- EX. UNDERGROUND ESB LINE. --- ESB U/G
- EX. FOUL SEWER --- FS
- EX. GAS MAIN --- G
- EX. TELECOMS LINE --- T
- EX. WATERMAIN --- W
- EX. SURFACE DRAINAGE --- SD
- EX. PUBLIC LIGHTING --- PL
- EX. CHEMICAL LINE --- C
- EX. CABLE TELEVISION --- CT
- EX. DETECTED SERVICES --- DS
- RELOCATED UNDERGROUND ESB (DICATIVE LOCATION) --- ESB U/G
- PROPOSED EMBANKMENT ---
- PROPOSED CHANNEL DIVERSION ---
- PROPOSED FLOOD WALL ---
- PROPOSED STORM DRAIN ---

P1	28.04.21	ISSUE FOR PLANNING	LT	KBS	KT
PO	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
Rev	Date	Description	By	Chk	App

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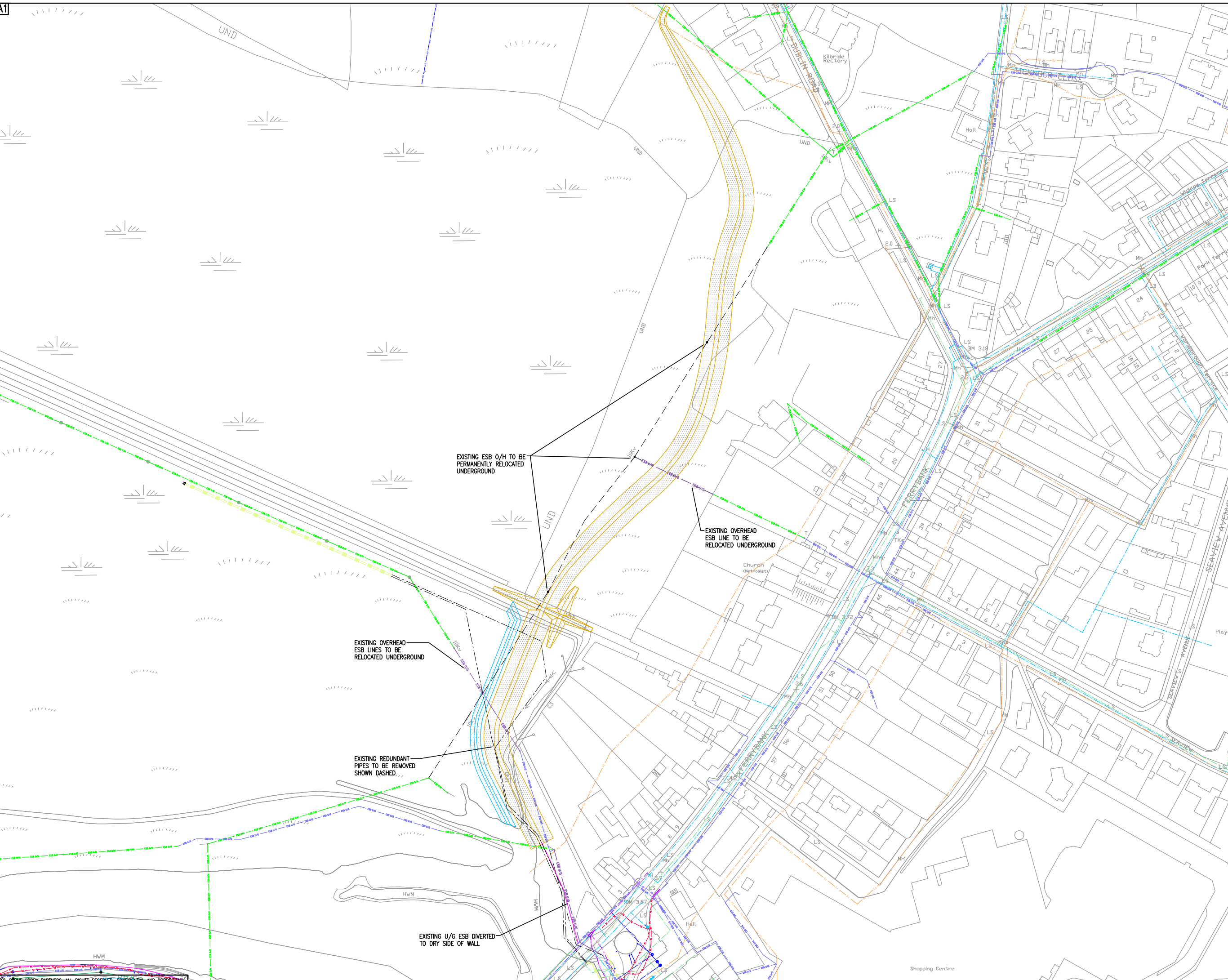
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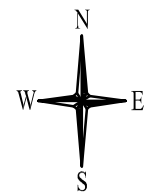
PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
**RELOCATED UTILITY SERVICES
 ARKLOW MARSH**

STATUS
FOR PLANNING

Date: 07.10.20	Scale: 1:1000	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1062	Rev:		P1





St GEORGES CHANNEL

- NOTES:**
- DO NOT SCALE OFF DRAWING.
 - DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS.
 - DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION.

- LEGEND:**
- SITE BOUNDARY
 - SITE COMPOUND (SC)/ LAY-DOWN AREA
 - PERMANENT WORKS
 - CHANNEL DREDGING WORKS
 - GROUND RAISING

P4	28.04.21	ISSUE FOR PLANNING	LT	KBS	KT
P3	11.03.21	ISSUE FOR PLANNING	LT	KBS	KT
P2	18.01.21	ISSUE FOR INFORMATION	LT	KBS	KT
P1	16.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
PO	02.10.20	ISSUE FOR INFORMATION	LT	KBS	KT
Rev	Date	Description	By	Chk	App

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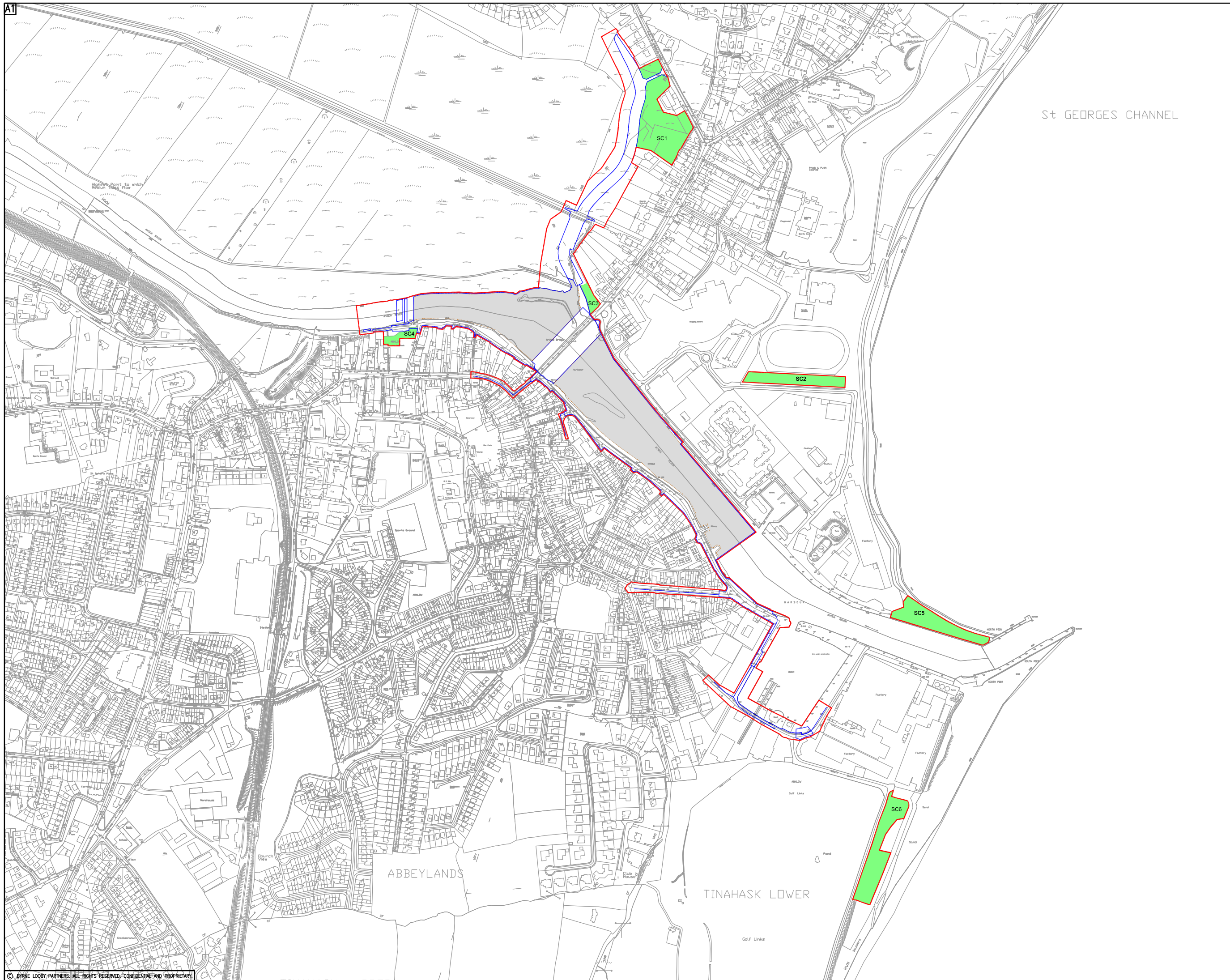
PROJECT
ARKLOW FLOOD RELIEF SCHEME

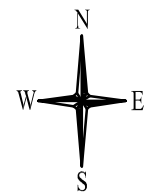
DRAWING TITLE
OVERALL SITE EXTENT

STATUS
FOR PLANNING

Date: 23.09.20	Scale: NTS	Drawn: LT	Chk: KBS	App: KT
Project No: PH00886/01	Dwg. No: 1065	Rev:	P4	

A1





St GEORGES CHANNEL

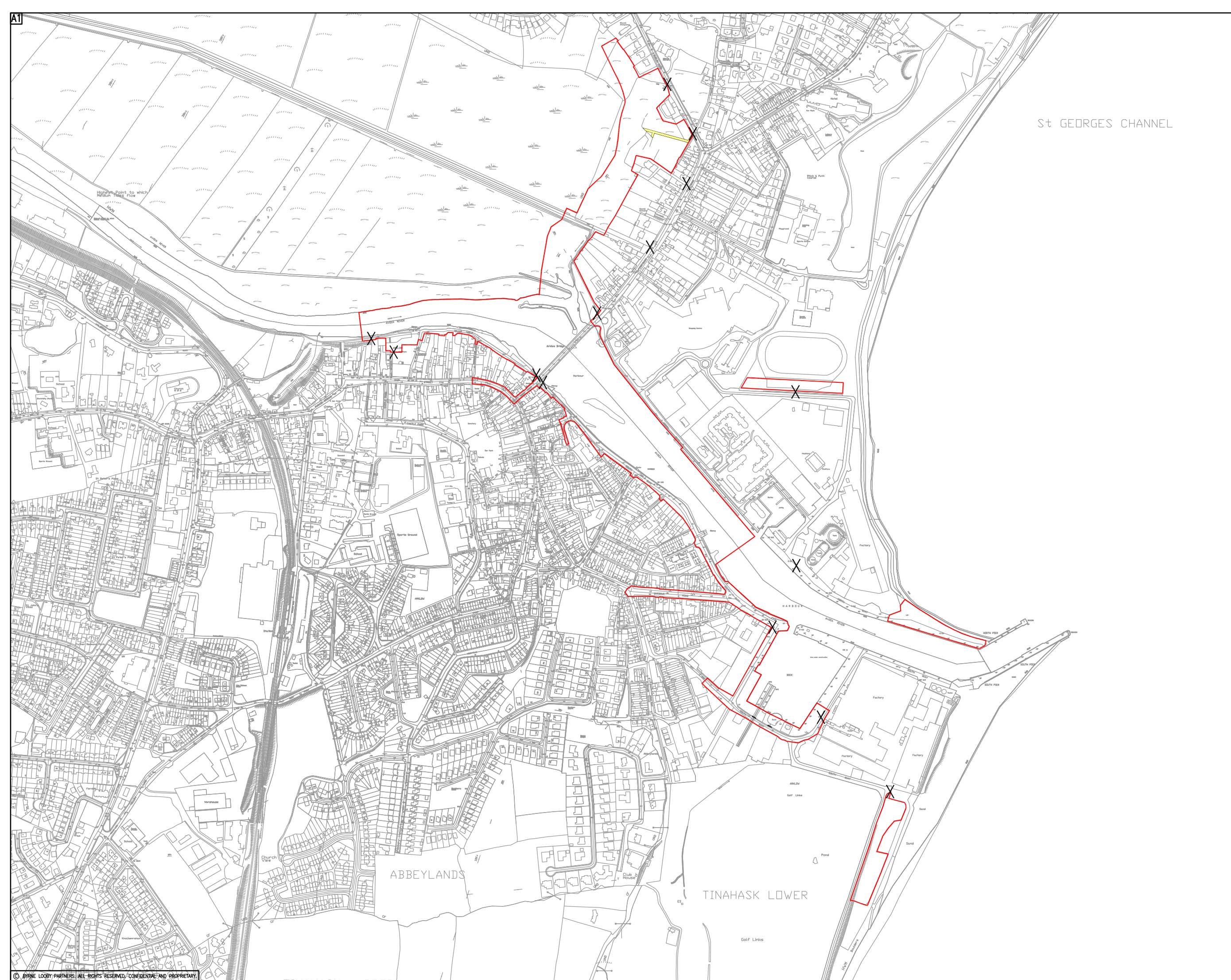
NOTES:

- 1. DO NOT SCALE OFF DRAWING.
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- 3. DRAWING IS FOR INFORMATION PURPOSES ONLY, NOT FOR CONSTRUCTION.

LEGEND:

- SITE BOUNDARY —
- EXISTING WAYLEAVE —
- SITE NOTICE LOCATIONS X

A1



PO	28.04.21	ISSUE FOR PLANNING	LT	KBS	KT
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PROJECT
ARKLOW FLOOD RELIEF SCHEME

DRAWING TITLE
LOCATIONS OF SITE NOTICES

STATUS
FOR PLANNING

Date:	27.04.21	Scale:	NTS	Drawn:	LT	Chk:	KBS	App:	KT
Project No:	PH00886/01	Dwg. No:	1066	Rev:					PO