

# APPENDIX UES4-1

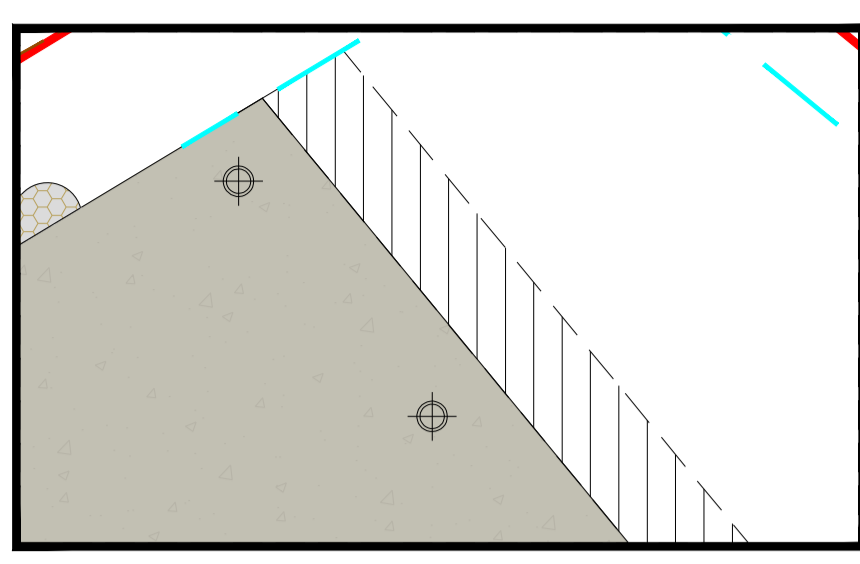
## SCHEME CHANGE DRAWINGS

ABLE MARINE ENERGY PARK  
(Material Change 2 – TR030006)

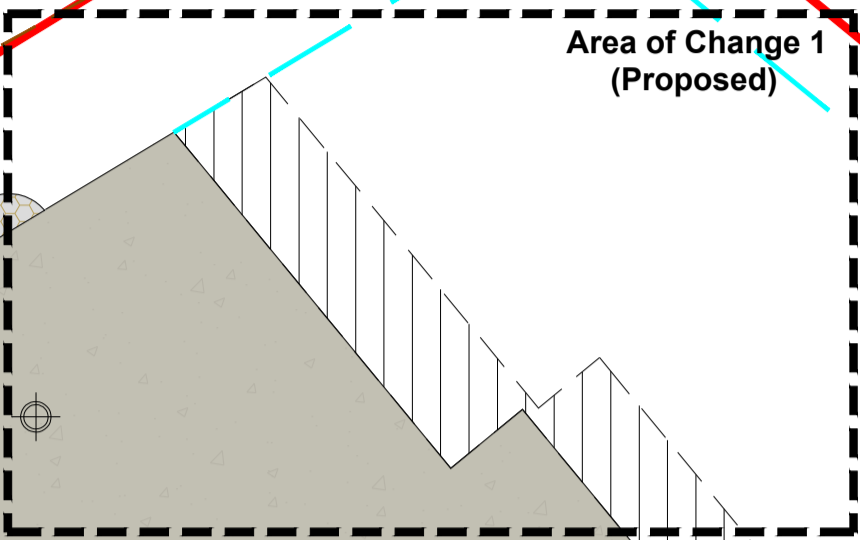


- Notes**
1. Do not scale from this drawing. If in doubt - Ask.
  2. All dimensions are in metres (m) unless noted otherwise.
  3. All levels are in metres (m) above Ordnance Datum (mAOD) unless noted otherwise.

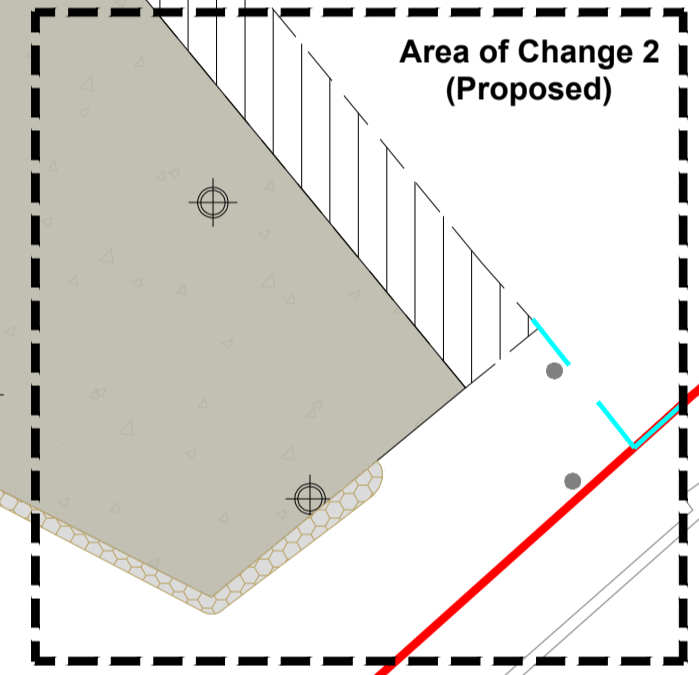
- - - Limit of deviation for siting of building up to 45m high.
- - - Limit of deviation for siting of building up to 25m high.
- - - Limit of deviation for siting of building up to 15m high.
- 48 48 Space Car Park
- Stone Surfacing
- Landscaping
- Rock Revetment
- Existing Lighting Column (21-30m High)
- Proposed Lighting Column (50m High)
- Existing Cooling Water Intake
- Existing Cooling Water Outfall
- Existing Building
- Proposed Building
- Electric Substation
- HMRC Office
- Berthing Pocket
- Waste Recycling & Transfer Facility
- Able Approach Channel & Turning Area (-5p/10p CD)
- Proposed Pumping Station



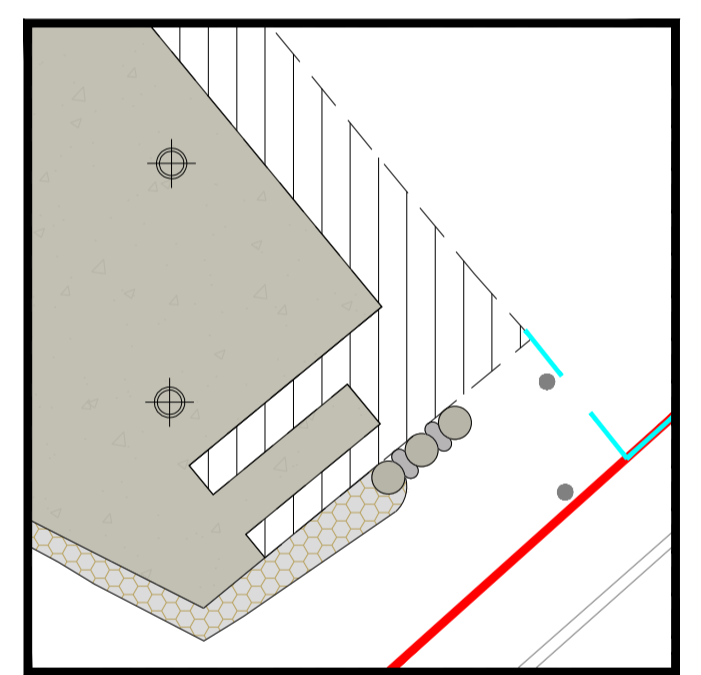
Area of Change 1 (Consented)



Area of Change 1 (Proposed)



Area of Change 2 (Proposed)



Area of Change 2 (Consented)

Rev.	Date	Comments	Des.	Chk.	App.
D	23/04/2021	Mitigation Area A & Note Removed	DJA	RC	RC
C	06/04/2021	Mitigation Area A Note Amended	DJA	RC	RC
B	12/02/2021	Drawing Issue Status Updated	DJA	RC	RC
A	04/12/2020	Issued for Approval	DJA	RC	RC

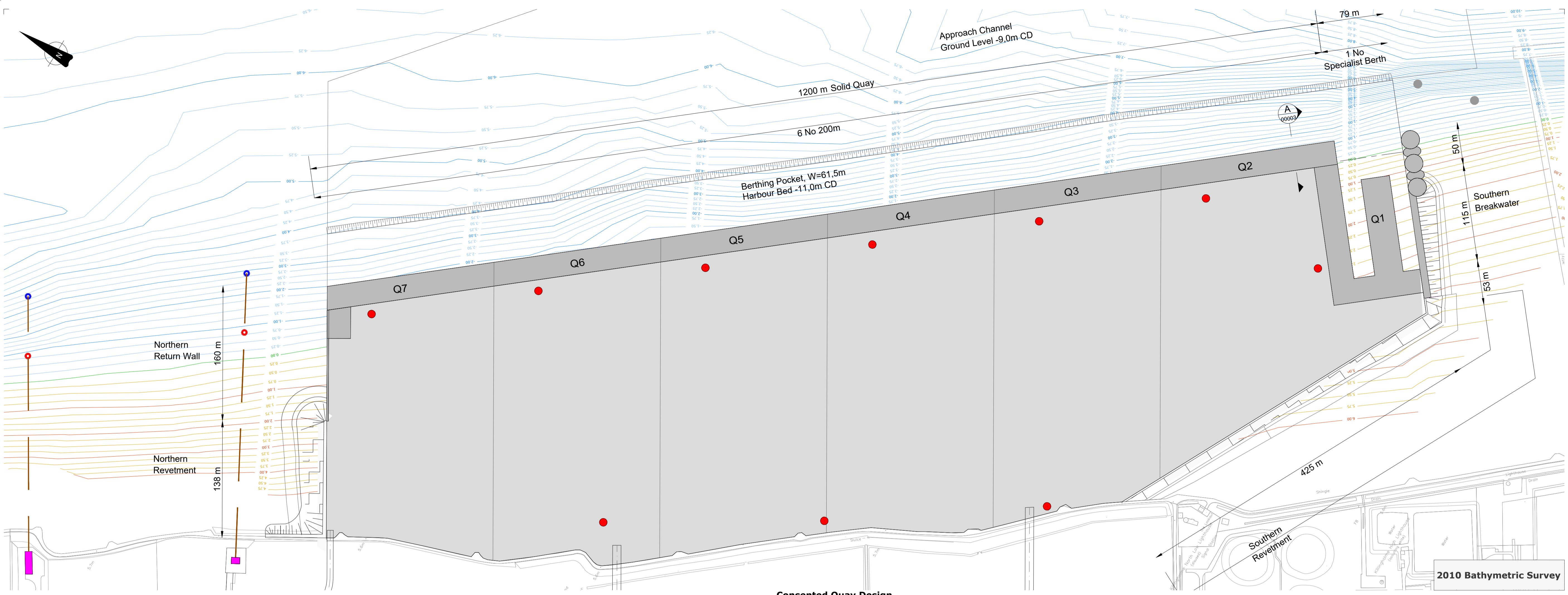


Project: **ABLE Marine Energy Park**  
 Client: **ABLE UK Limited**  
 Drawing Title: **Indicative Masterplan Changes**

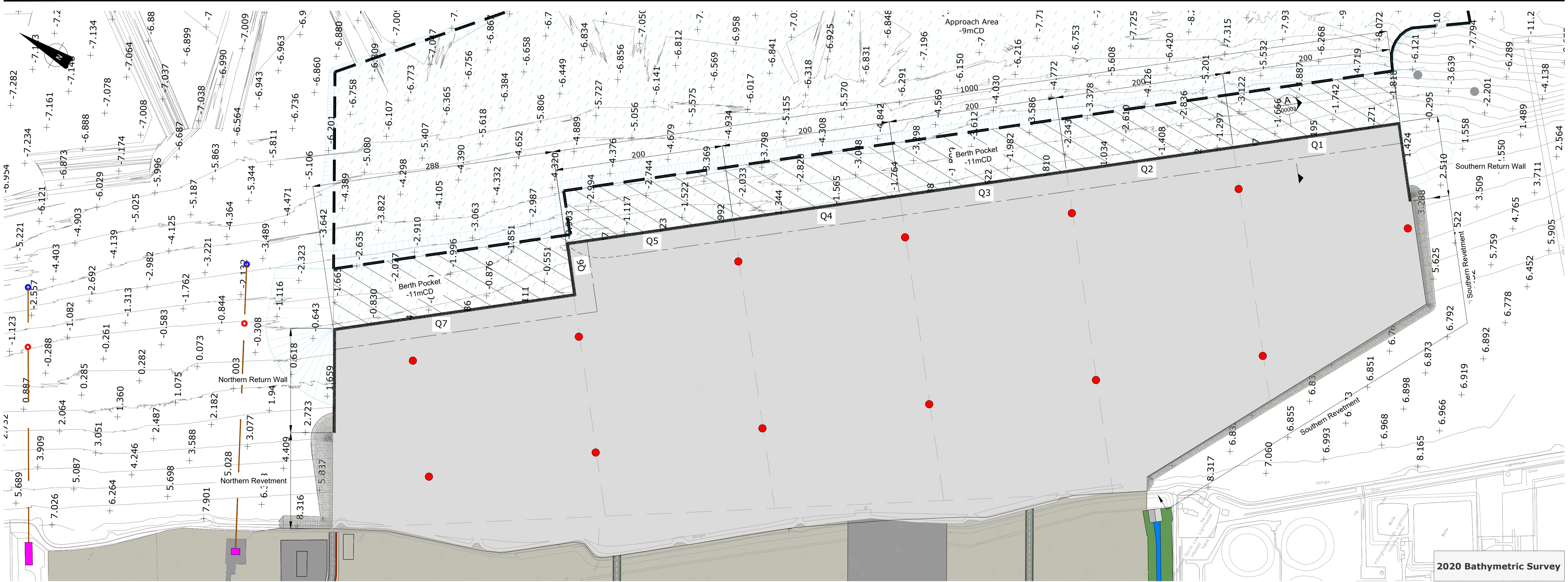
**FOR INFORMATION**

Scale: 1:50000A1  
 Drawn By: D Almeida  
 Checked By: R Crum  
 Approved By: R Crum  
 Date: 03/12/2020  
 Drawing No: AME-036-00001  
 Revision: D





**Consented Quay Design**  
Scale 1:2500



**Proposed Quay Design**  
Scale 1:2500

**Key & Notes**

- Notes**
1. Do not scale from this drawing. If in doubt - Ask.
  2. All dimensions are in metres (m) unless noted otherwise.
  3. All levels are in metres (m) above Ordnance Datum (mAOD) unless noted otherwise.

- Indicative Lighting Columns (50m)
- Exist. Cooling Water Intake
- Exist. Cooling Water Outfall

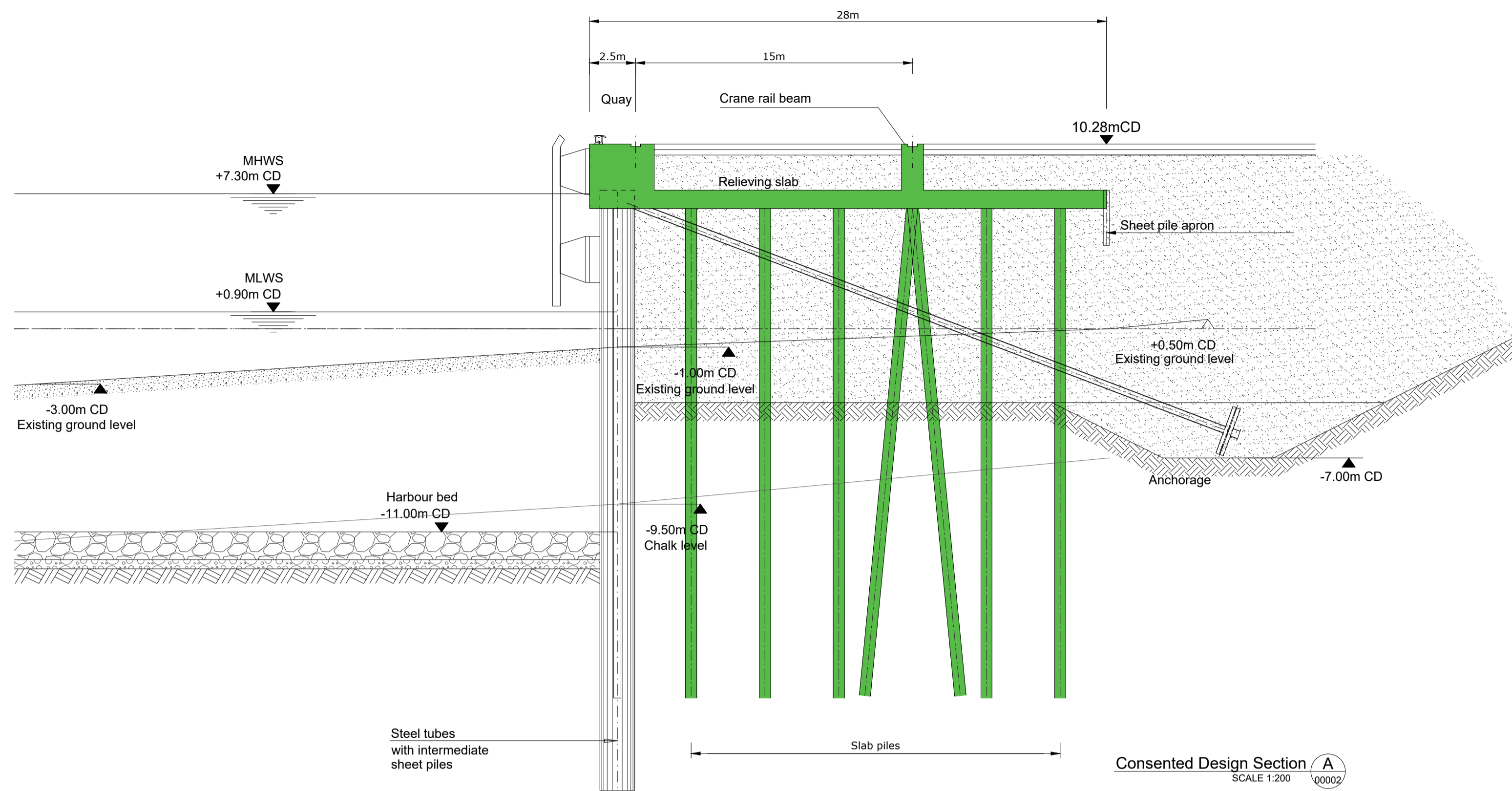
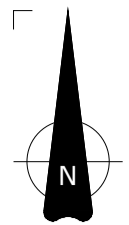
C	06/04/2021	September 2020 Bathymetry Added	DJA	RC	RC
B	12/02/2021	Drawing Issue Status Updated	DJA	RC	RC
A	04/12/2020	Issued for Approval	DJA	RC	RC
Rev.	Date	Comments	Des.	Chk.	App.

**able**  
ABLE UK Limited  
ABLE House  
Bilston Road Industrial Estate  
Teesdale, TS21 3JY  
United Kingdom  
Tel: +44(0)1642 806880  
Fax: +44(0)1642 635655

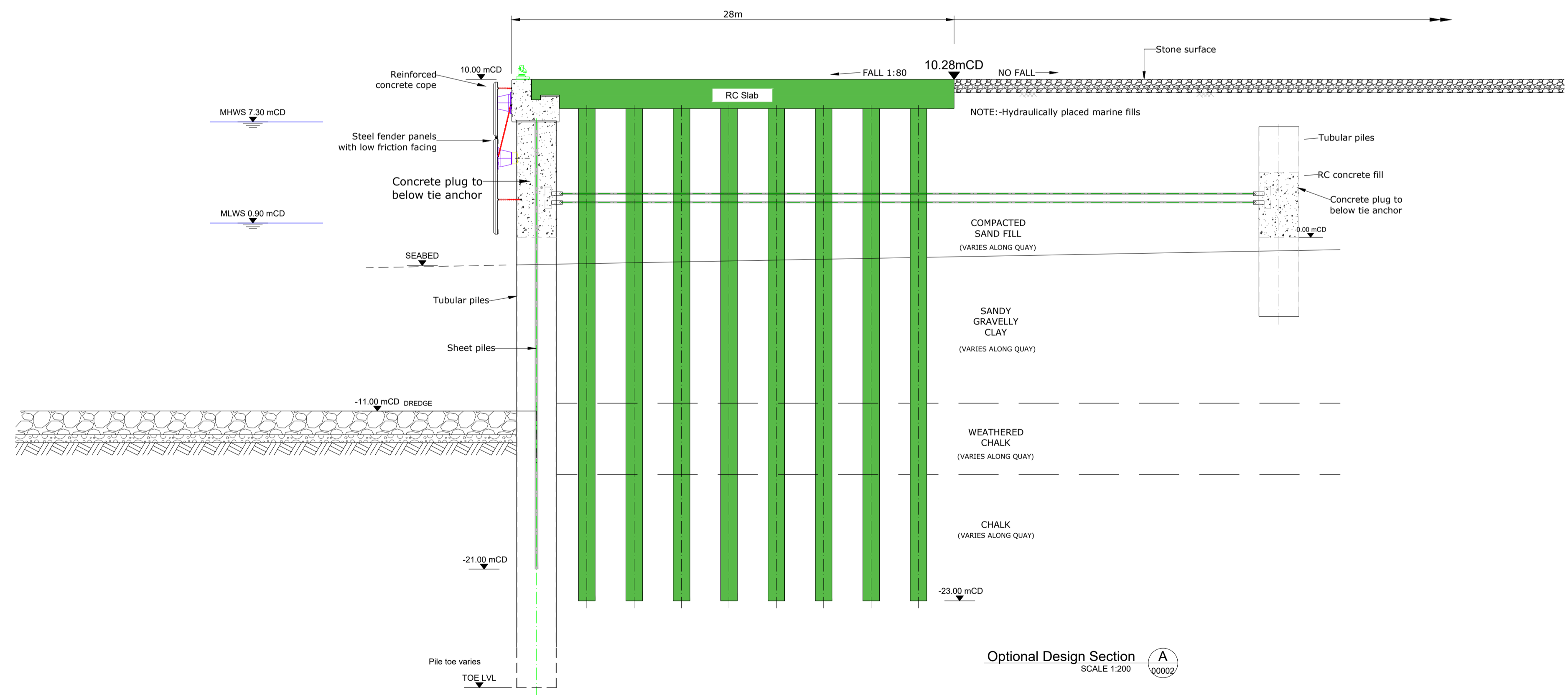
Project: **ABLE Marine Energy Park**  
Client: **ABLE UK Limited**  
Drawing Title: **Quay General Arrangement Changes**

**FOR INFORMATION**

Scale:	1:25000A1	Drawn By:	D Almeida	Checked By:	R Cream	Approved By:	R Cream
Date:	03/12/2020		04/12/2020		04/12/2020		04/12/2020
Drawing No:	AME-036-00002	Revision:					C



Consented Design Section A  
SCALE 1:200



Optional Design Section A  
SCALE 1:200

**Note:**  
The Applicant seeks consent for either the consented or the optional design to be constructed

- Key & Notes
- Notes**
1. Do not scale from this drawing. If in doubt - Ask.
  2. All dimensions are in metres (m) unless noted otherwise.
  3. All levels are in metres (m) above Ordnance Datum (mAOD) unless noted otherwise.

**Legend**

Optional relieving slab and bearing piles

Rev.	Date	Comments	Des.	Chk.	App.
C	06/04/2021	Sections Amended	DIA	RC	RC
B	12/02/2021	Drawing Issue Status Updated	DIA	RC	RC
A	04/12/2020	Issued for Approval	DIA	RC	RC

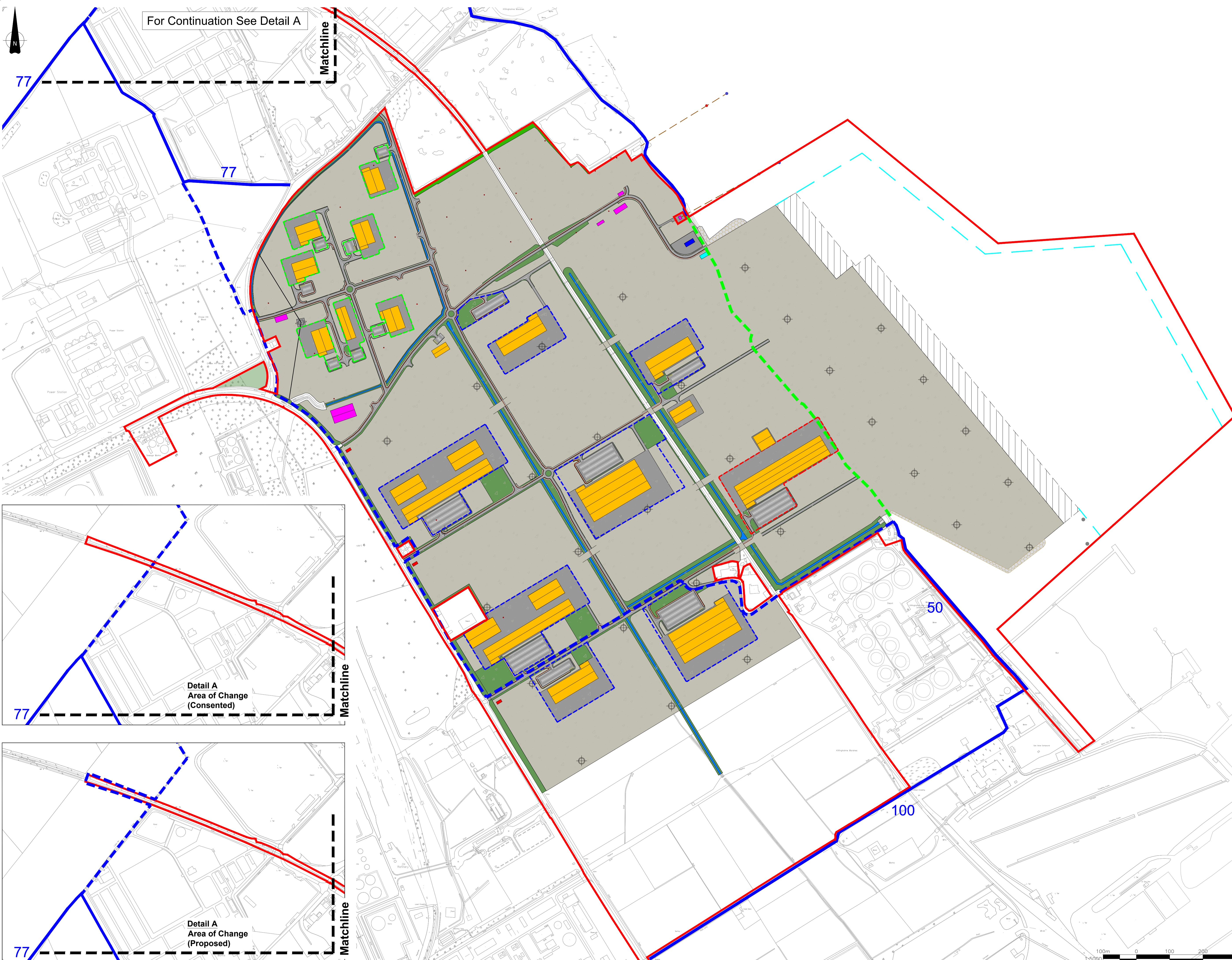


Project: ABLE Marine Energy Park  
 Client: ABLE UK Limited  
 Drawing Title: Section A for Quay Typical Section

**FOR INFORMATION**

Scale:	Drawn By:	Checked By:	Approved By:
1:200@A1	D Almeida	R Crum	R Crum
Date:	03/12/2020	04/12/2020	04/12/2020
Drawing No:	AME-036-00003	Revision:	C





For Continuation See Detail A

Matchline

77

77

50

100

Detail A  
Area of Change  
(Consented)

77

Matchline

Detail A  
Area of Change  
(Proposed)

77

Matchline

Key & Notes

- Notes**
1. Do not scale from this drawing. If in doubt - Ask.
  2. All dimensions are in metres (m) unless noted otherwise.
  3. All levels are in metres (m) above Ordnance Datum (mAOD) unless noted otherwise.

- Development consent Order Boundary
- Existing Footpaths
- Footpath to be Diverted
- Proposed Footpath No. 50/77/100 Diversions

**Notes**  
For footpath sections, see drawing AME - 02011

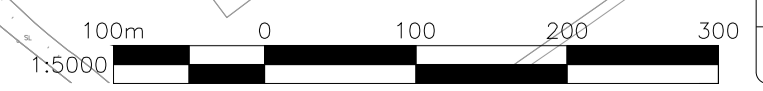
E	23/04/2021	Mitigation Area A & Note Removed	DJA	RC	RC
D	06/04/2021	Detail A (Area of Change) Amended	DJA	RC	RC
C	24/02/2021	Matchline Added to Determine Location of Issues Detail A	DJA	RC	RC
B	12/02/2021	Drawing Issue Status Updated	DJA	RC	RC
A	04/12/2020	Issued for Approval	DJA	RC	RC
Rev.	Date	Comments	Des.	Chk.	App.



Project: **ABLE Marine Energy Park**  
 Client: **ABLE UK Limited**  
 Drawing No: **Changes to Footpath No.50 Diversion Section Locations**

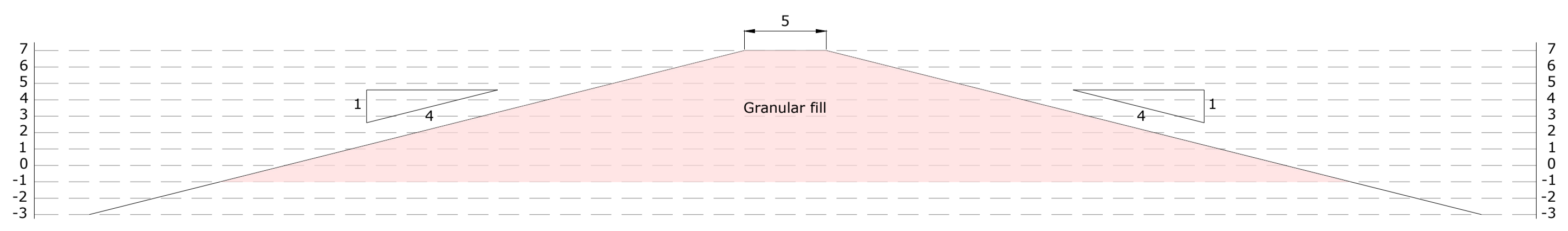
**FOR INFORMATION**

Scale:	1:5000@A1	Drawn By:	D Almeida	Checked By:	R Crum	Approved By:	R Crum
Date:	04/12/2020	Date:	04/12/2020	Date:	04/12/2020	Date:	04/12/2020
Drawing No:	AME-036-00004	Revision:		Revision:		Revision:	E





Plan View on Quay  
Scale 1:2500



Typical Section on Proposed Cross Dams  
Scale 1:250

- Key & Notes**
- Do not scale from this drawing. If in doubt - Ask.
  - All dimensions are in metres (m) unless noted otherwise.
  - All levels are in metres (m) above Ordnance Datum (mAOD) unless noted otherwise.
- Exist. Cooling Water Intake
  - Exist. Cooling Water Outfall
- Areas of Change**
- Yellow shaded area: Cross Dam Consented Design (Indicative Details / Location)
  - Pink shaded area: Proposed Design Cross Dam (Indicative Details / Location)

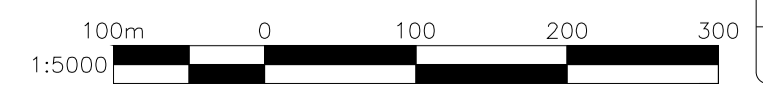
Rev.	Date	Comments	Des.	Chk.	App.
D	09/04/2021	Turning Circle & Approach Area Amended	EJA	RC	RC
C	06/04/2020	Cross Dams Amended Sept. 2020 Bathymetry Added	EJA	RC	RC
B	12/02/2021	Drawing Issue Status Updated	EJA	RC	RC
A	04/12/2020	Issued for Approval	EJA	RC	RC

**able** UK Limited  
ABLE House  
Bilham Road Industrial Estate  
Teesdale, TS23 1JF  
United Kingdom  
Tel: +44(0)1642 806080  
Fax: +44(0)1642 635655

Project: ABLE Marine Energy Park  
Client: ABLE UK Limited  
Drawing Title: Cross Dam Indicative Details Changes

**FOR INFORMATION**

Scale:	Drawn By:	Checked By:	Approved By:
1:25000A1	D Almeida	R Cream	R Cream
Date:	24/12/2020	04/12/2020	04/12/2020
Drawing No:	AME-036-00005	Revision:	D





Ref	Easting	Northing	Latitude	Longitude
H1	518302.267m	418473.731m	N053° 38' 57.91"	W000° 12' 42.04"
H2	518349.632m	418512.505m	N053° 38' 59.12"	W000° 12' 39.40"
H3	517542.421m	419492.716m	N053° 39' 31.48"	W000° 13' 22.01"
H4	517436.162m	419429.046m	N053° 39' 29.51"	W000° 13' 27.89"
H5	517619.194m	419206.787m	N053° 39' 22.17"	W000° 13' 18.22"
H6	517666.507m	419245.746m	N053° 39' 23.39"	W000° 13' 15.59"

Key & Notes

- Notes**
- All dimensions are in metres (m) unless noted otherwise.
  - All levels are in metres (m) above Ordnance Datum (mAOD) unless noted otherwise.

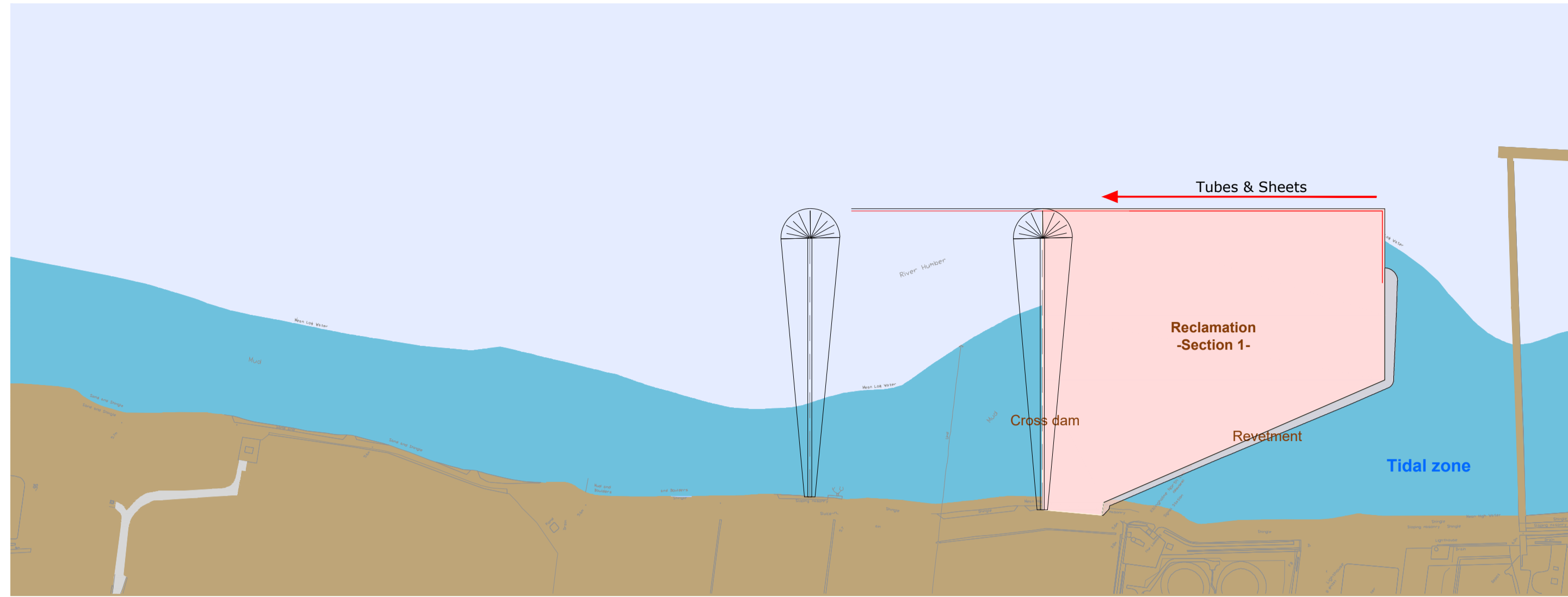
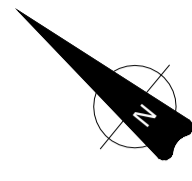
Rev.	Date	Notes / Scale Amended	EDA	RC	RC
B	23/06/2021	Notes / Scale Amended	EDA	RC	RC
A	12/02/2021	Issued for Planning	EDA	RC	RC

ABLE UK Limited  
ABLE House  
Bilingham Reach Industrial Estate  
Teesdale, TS21 1JY  
United Kingdom  
Tel: +44(0)1642 806880  
Fax: +44(0)1642 655655

Project: (TR030006) ABLE Marine Energy Park  
Client: ABLE UK Limited  
Drawing Title: Limits of Harbour

PLANNING			
Scale:	Drawn By:	Checked By:	Approved By:
1:2500@A1	D Almeida	R Cream	R Cream
Drawing No:	07/12/2020	12/02/2021	12/02/2021
AME-036-00006	Revision:	B	

DO NOT SCALE  
1:2500  
0 50 100 150



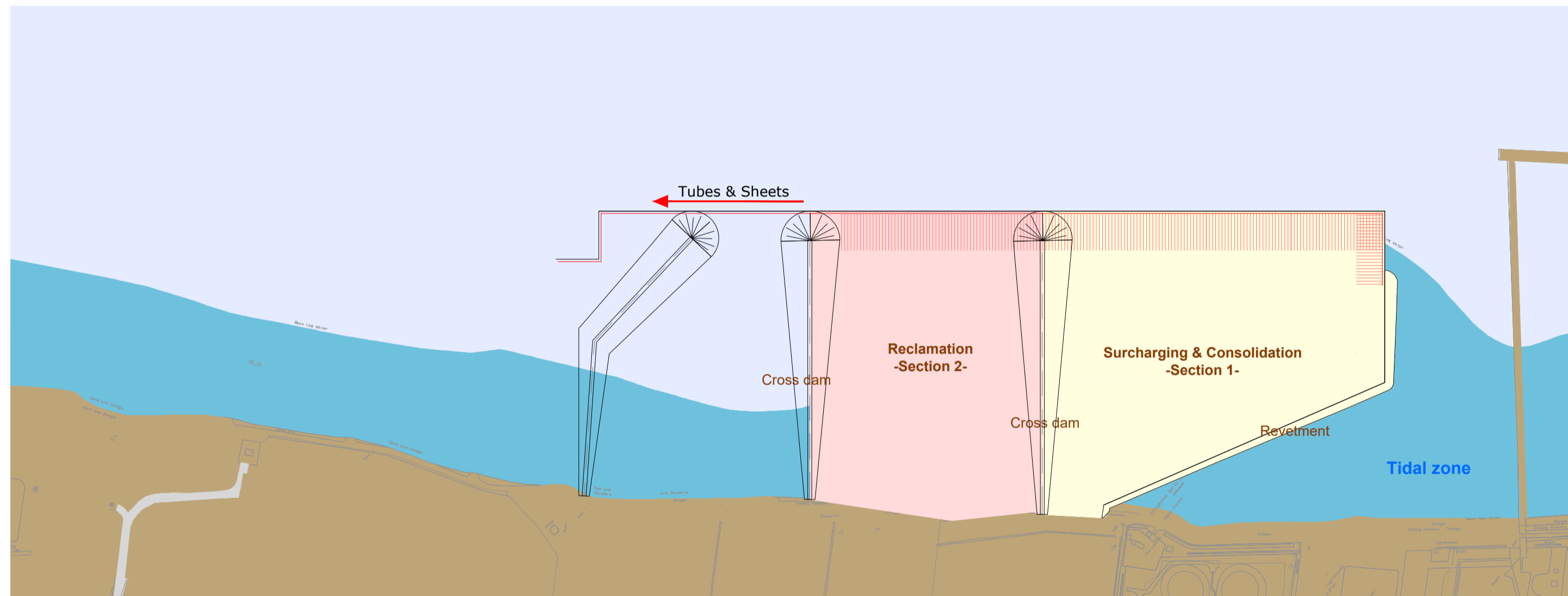
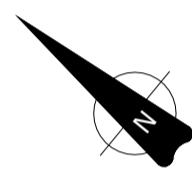
STAGE 1

**Description of Activities Shown**

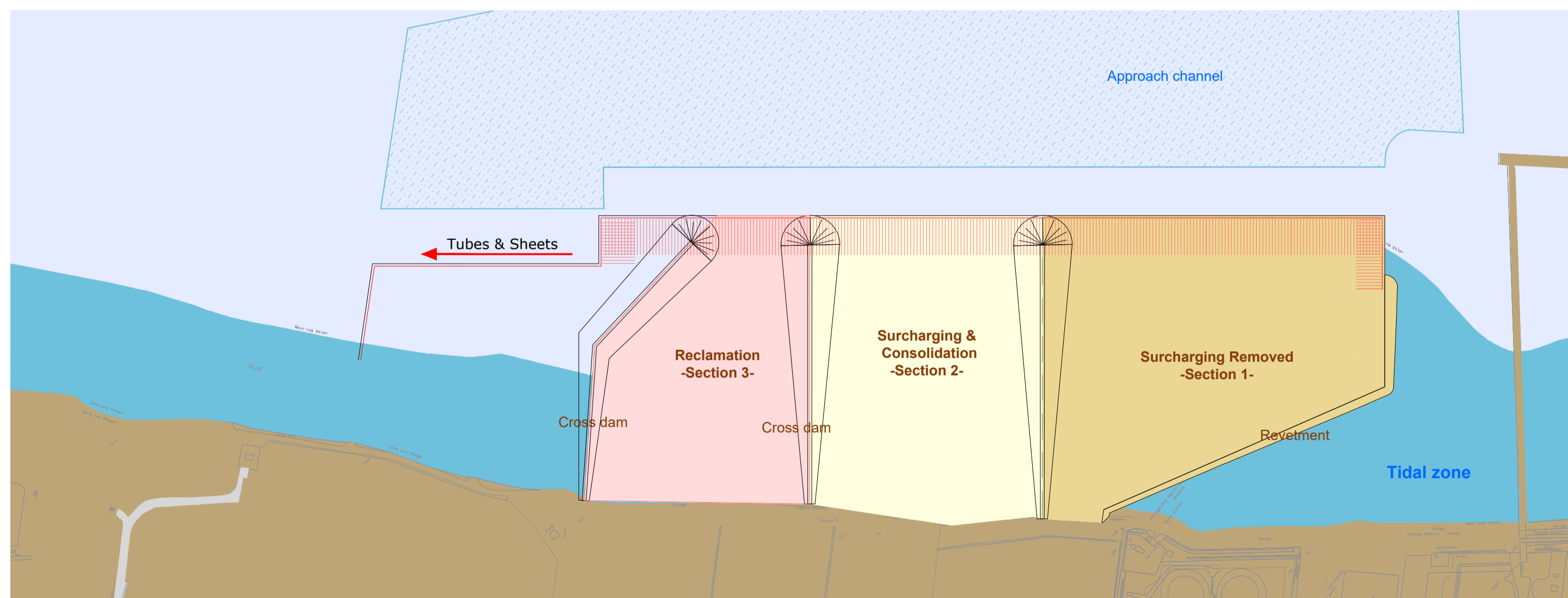
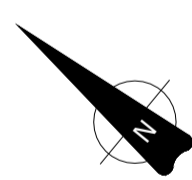
**Reclamation**  
 - Marine dredged aggregates used to raise levels to underside of stone pavement.

**Surcharge & Consolidation**  
 - Aggregates stockpiled over pavement to consolidate the natural grounds and the imported marine dredged aggregates.

**Surcharge Removed**  
 - Surcharge Material Removed to adjacent section.



STAGE 2



STAGE 3

Rev.	Date	Comments	Des.	Chk.	App.
C	23/06/2021	Notes Amended	DIA	RC	RC
B	09/04/2021	Cross Dams Locations Amended	DIA	RC	RC
A	12/02/2021	Issued for Planning	DIA	RC	RC



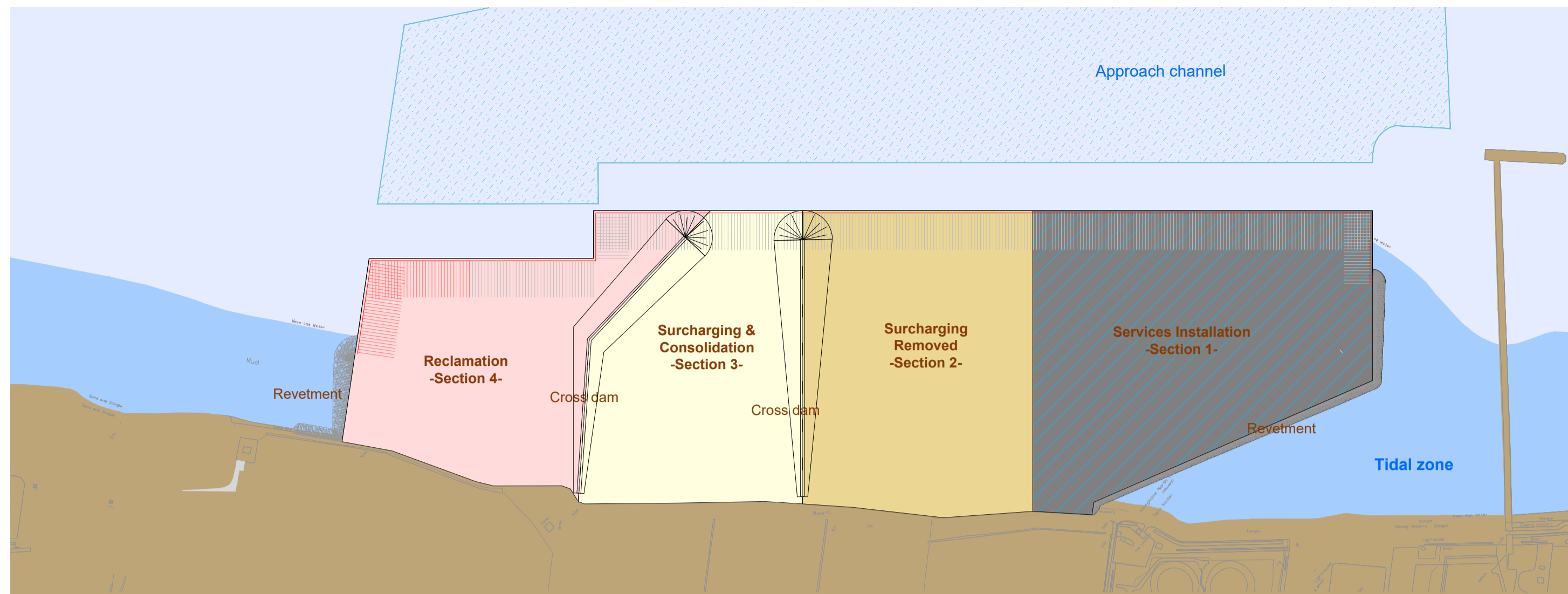
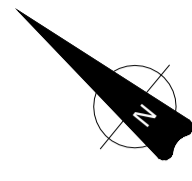
Project: (TR030006) ABLE Marine Energy Park  
 Client: ABLE UK Limited  
 Drawing Title: Indicative Sequence Plan View 1/3

**PLANNING**

Scale:	Drawn By:	Checked By:	Approved By:
NTS@A1	D Almeida	R Crum	R Crum
Date:	07/12/2020	12/02/2021	12/02/2021
Drawing No:	AME-036-10009	Revision:	C

DO NOT SCALE

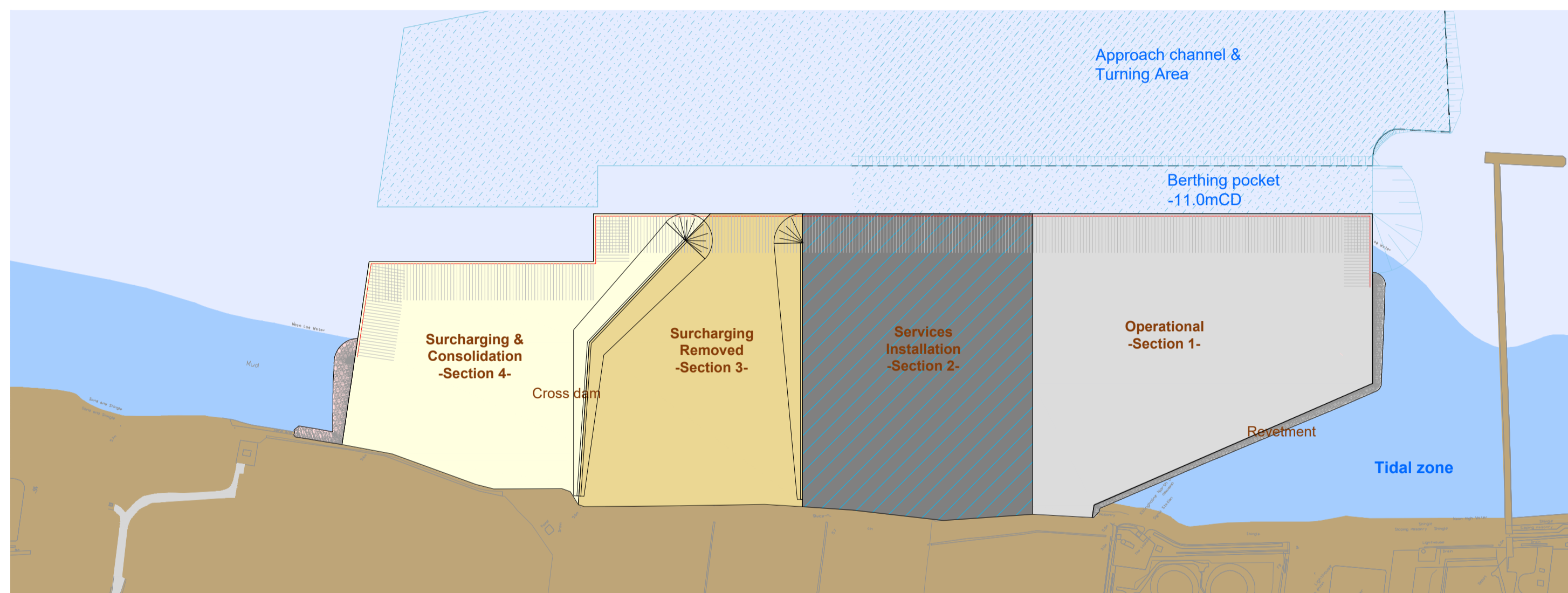
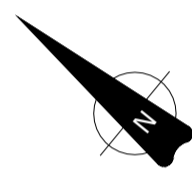




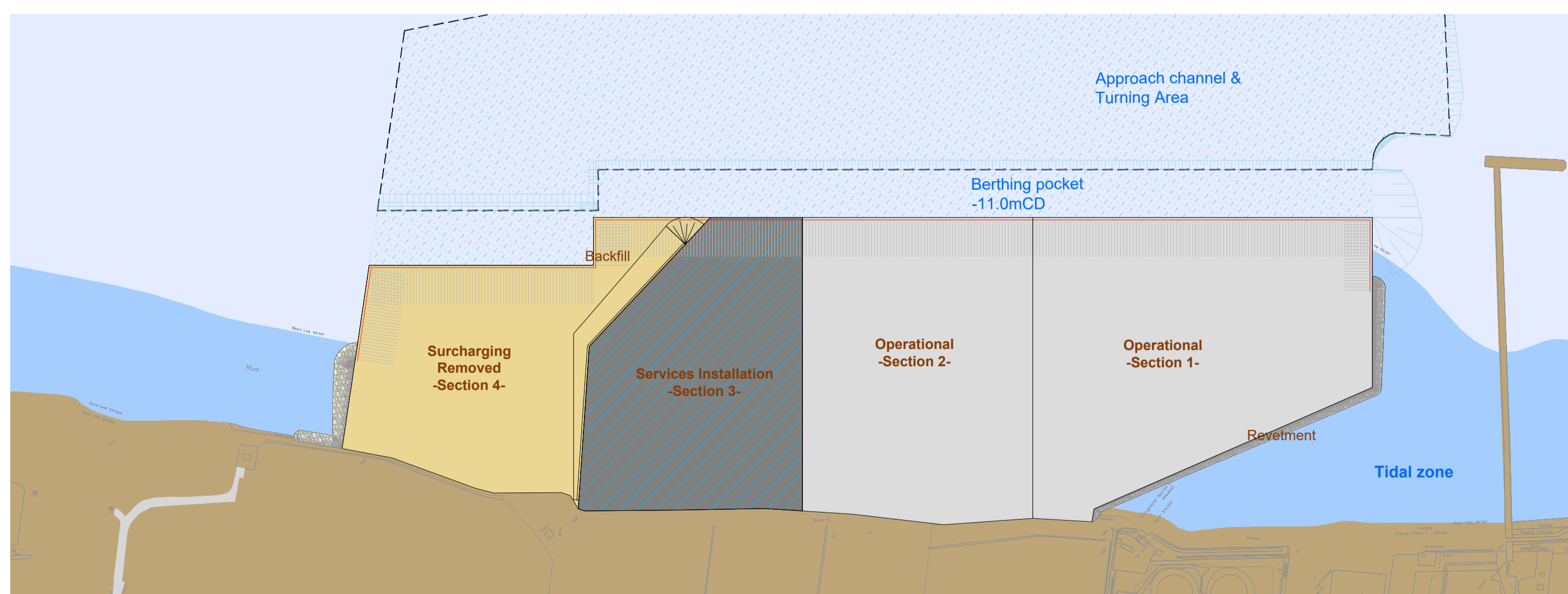
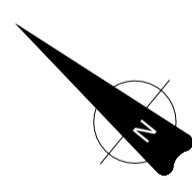
STAGE 4

**Description of Activities Shown**

- Reclamation**  
- Marine dredged aggregates used to raise levels to underside of stone pavement.
- Surcharge & Consolidation**  
- Aggregates stockpiled over pavement to consolidate the natural grounds and the imported marine dredged aggregates.
- Surcharge Removed**  
- Surcharge Material Removed to adjacent section.
- Services Installation**  
- Drainage, Lighting and other services installed below ground.
- Operational**  
- Quay and land available for use.



STAGE 5



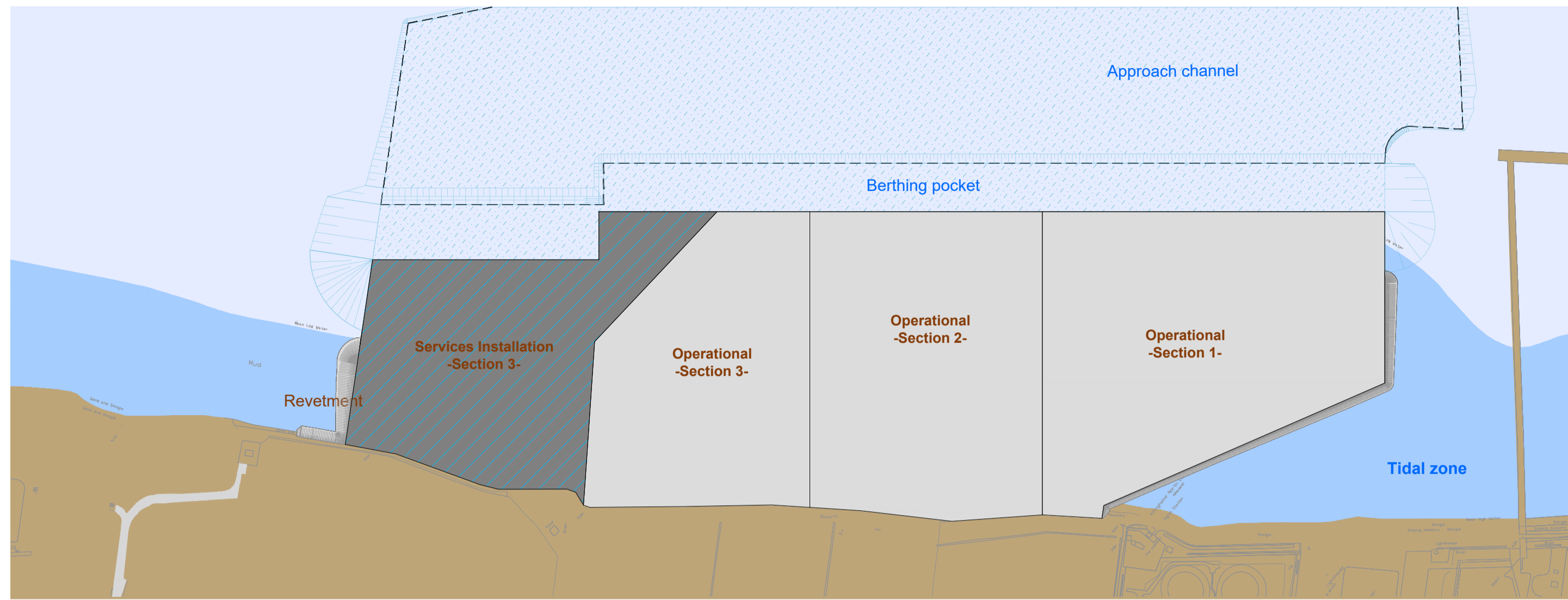
STAGE 6

Rev.	Date	Comments	Des.	Chk.	App.
C	23/06/2021	Notes Amended	DJA	RC	RC
B	09/04/2021	Cross Dams Locations Amended	DJA	RC	RC
A	12/02/2021	Issued for Planning	DJA	RC	RC

Project: (TR030006) ABLE Marine Energy Park  
 Client: ABLE UK Limited  
 Drawing Title: Indicative Sequence Plan View 2/3

PLANNING			
Scale:	Drawn By:	Checked By:	Approved By:
NTS@A1	D Almeida	R Crum	R Crum
Date:	07/12/2020	12/02/2021	12/02/2021
Drawing No:	AME-036-10010	Revision:	C

DO NOT SCALE

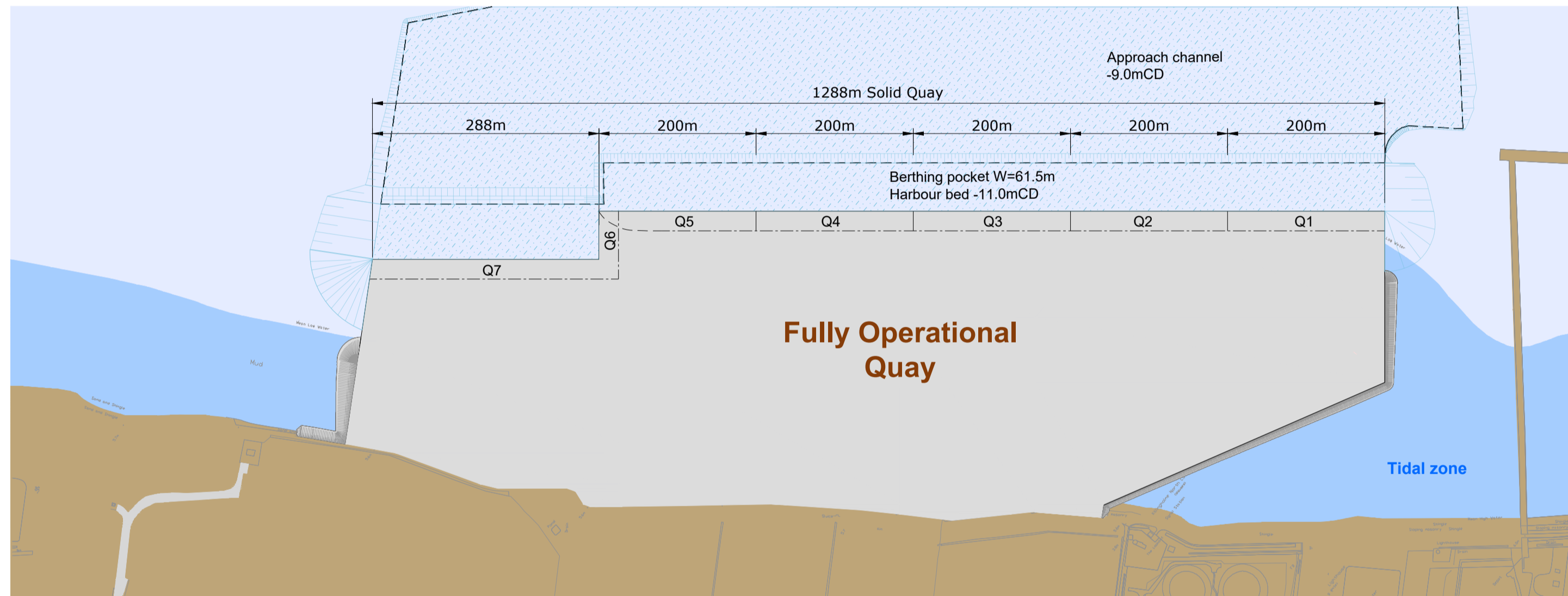


STAGE 7

**Description of Activities Shown**

**Services Installation**  
 - Drainage, Lighting and other services installed below ground.

**Operational**  
 - Quay and land available for use.



STAGE 8

Rev.	Date	Comments	Des.	Chk.	App.
C	23/06/2021	Notes Amended	DJA	RC	RC
B	09/04/2021	Cross Dams Locations Amended	DJA	RC	RC
A	12/02/2021	Issued for Planning	DJA	RC	RC



Project: (TR030006) ABLE Marine Energy Park  
 Client: ABLE UK Limited  
 Drawing Title: Indicative Sequence Plan View 3/3

**PLANNING**

Scale:	Drawn By:	Checked By:	Approved By:
NTS@A1	D Almeida	R Cream	R Cream
Date:	07/12/2020	12/02/2021	12/02/2021
Drawing No:	AME-036-10011	Revision:	C

DO NOT SCALE