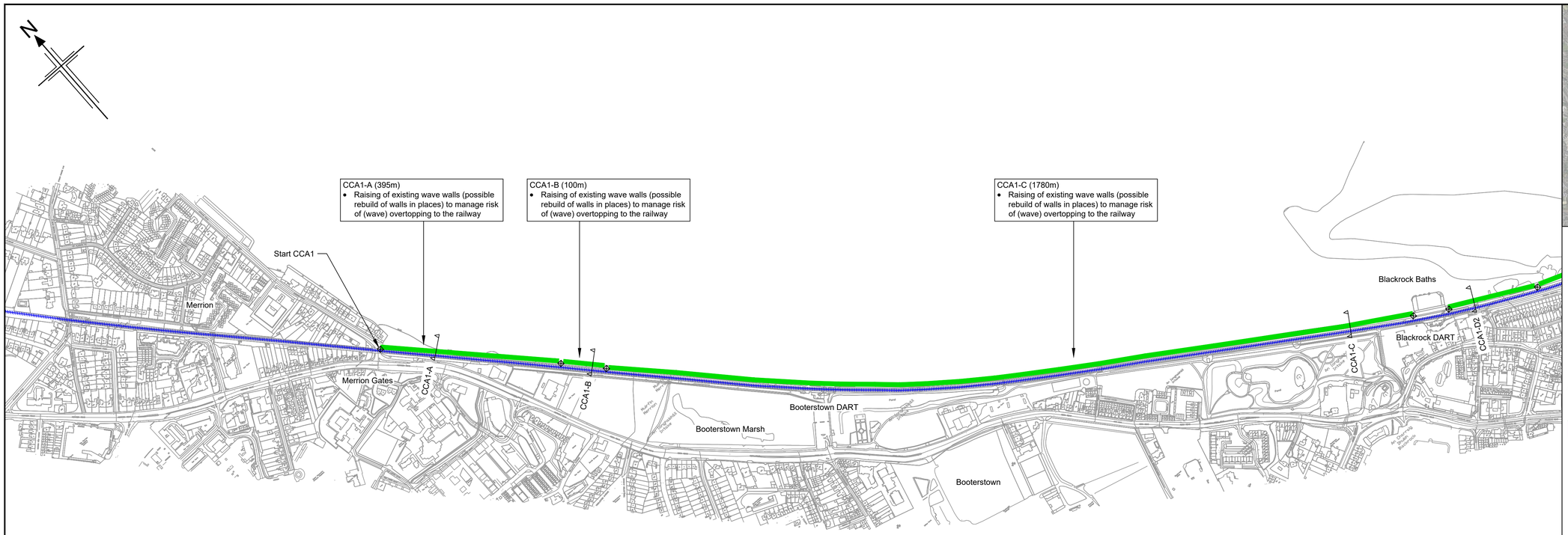
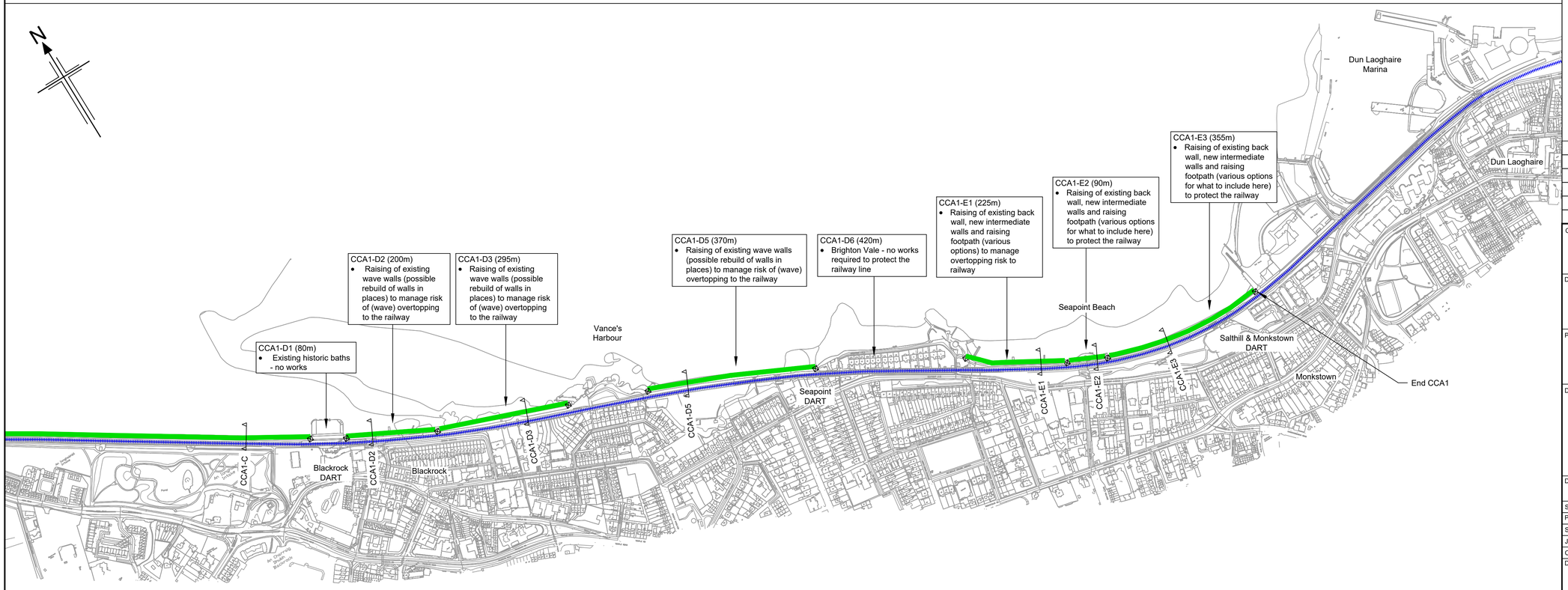


CCA1 - PLAN - PART 1

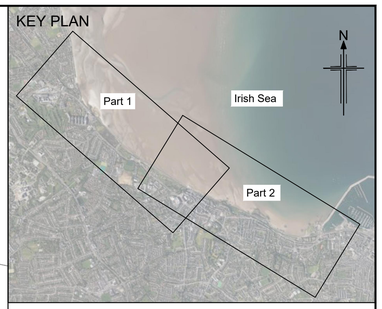
Scale 1:5000



CCA1 - PLAN - PART 2

Scale 1:5000

KEY PLAN



NOTES

1. Do not scale from this drawing.
2. Size and location of all structures is indicative only and to be determined through design development.

LEGEND

- Railway line
- Section marker
- Start and end of CCA sub-cells
- Extent of proposed works under scheme

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
A	08/10/2024	For client comment	DT	JS	JD	DK

Client: Iarnród Éireann Irish Rail

Designer:
Jacobs
Merrion House, Merrion Rd, Dublin 4, Ireland, D04RC5. Tel: +44 (0)203 9802000
www.jacobs.com

Project: ECRIPP

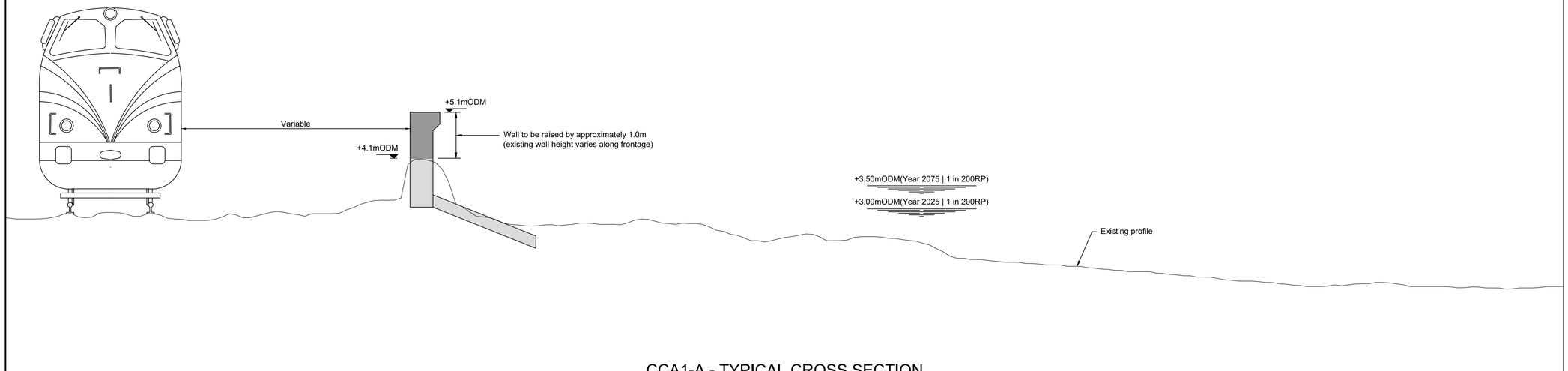
Drawing title
CCA1 CONCEPT DESIGN PLAN

Drawing status: For review and comment

State Code	Contract / Work Package 1
Project Stage	Project Concept, Feasibility & Option Selection
Scale	1:5000 — DO NOT SCALE
Jacobs No.	D3658300 — Rev A
Client no.	7694

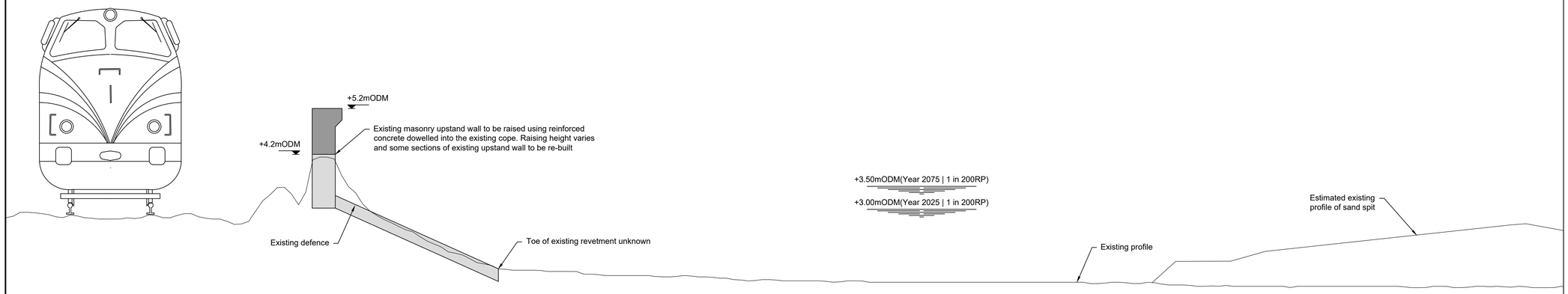
Drawing number: Project No | Work Package | Phase
7694 - CCA1 - P2 -
Type | Discipline | Originator | Number
DWG - CV - JAC - 0400

SCALE 1:5000 — 0 — 500 — METRES



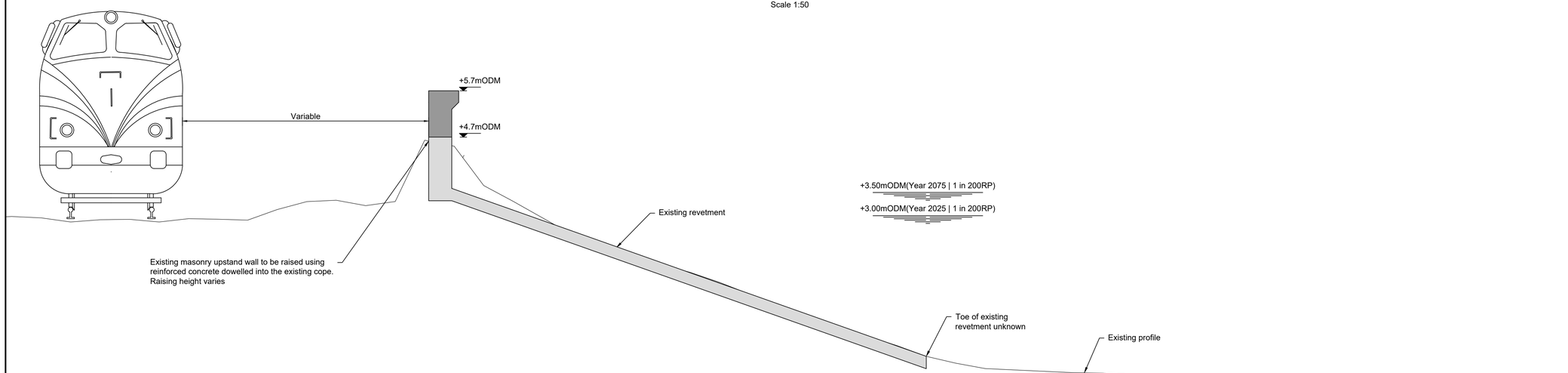
CCA1-A - TYPICAL CROSS SECTION

Scale 1:50



CCA1-B - TYPICAL CROSS SECTION

Scale 1:50



CCA1-C - TYPICAL CROSS SECTION

Scale 1:50

0 5

SCALE 1:50 METRES

Notes:

1. All levels are in mODM
2. Do not scale from this drawing.
3. Additional tide conversions are available for high and low water (spring and neap tides) at Secondary Ports of Dublin Bar, Dun Laoghaire, Greystones (high only) and Wicklow. High tides at CCA6 are typically 1.2m lower than at Dublin.
4. Existing structure details are approximate only.
5. Assumes wall raising of up to 1.0m can be placed on existing wall alignment. TBC following ground investigations.
6. All levels and dimensions are approximate and to be confirmed through design development.
7. Topography taken from UAV survey 25th September 2023, Murphy Geospatial.
8. For cross section locations refer to drawing 7694-CCA1-P2-DWG-CV-JAC-400

Legend

- Existing Structures
- New Reinforced Concrete Wall Raising

mODM

+1.99	HAT
+1.59	MHWS
+0.89	MWHN
-0.11	MSL
-1.01	MLWN
-1.81	MLWS
-2.61	LAT

TIDE BAR
DUBLIN NORTH WALL
(STANDARD PORT)

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
A	08/10/2024	For client comment	DT	JS	JD	DK

Client: Iarnród Éireann Irish Rail

Designer:
Jacobs
Merrion House, Merrion Rd, Dublin 4,
Ireland, D04R2C5. Tel: +44 (0)203 9802000
www.jacobs.com

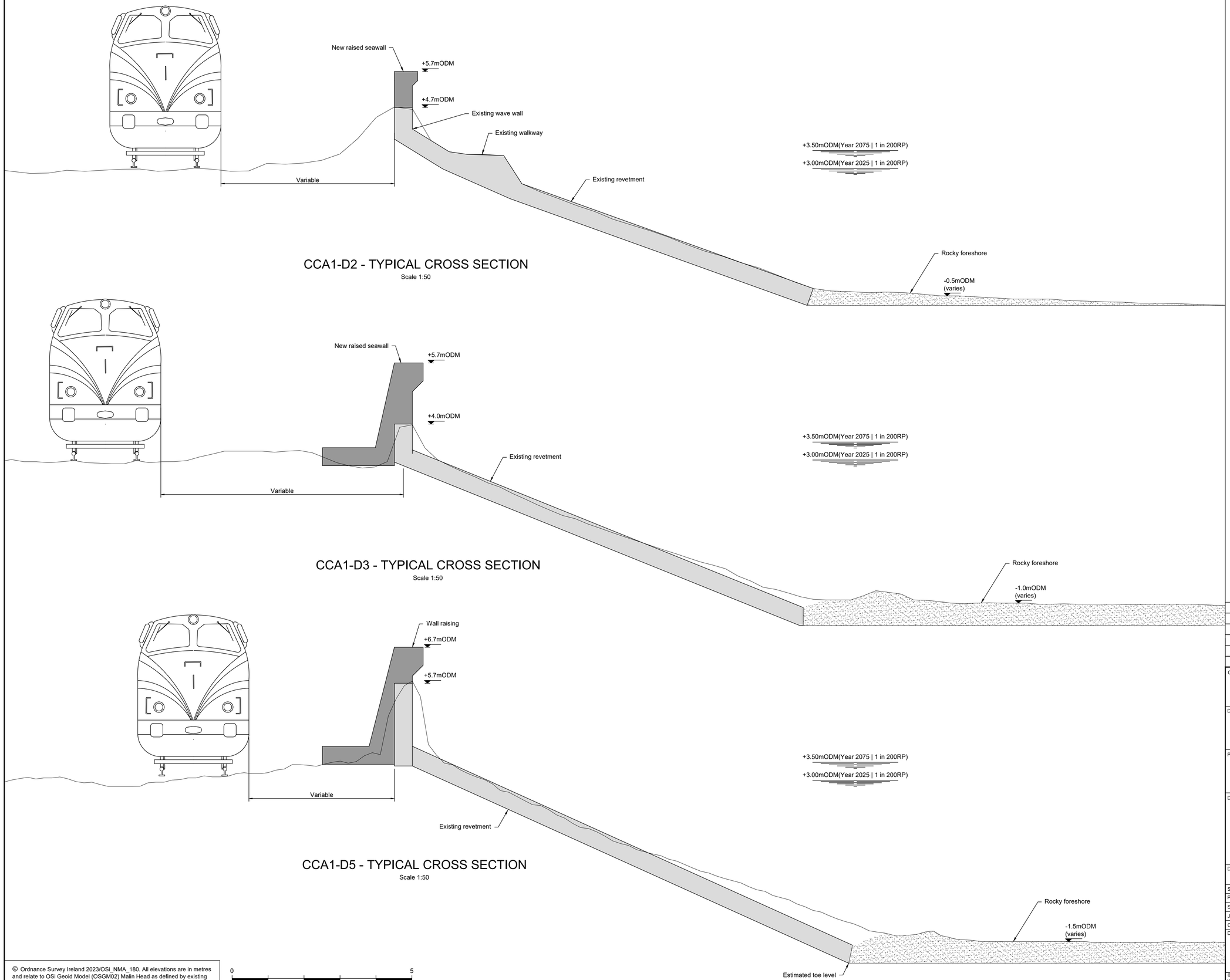
Project: ECRIPP

Drawing title: CCA1-A, CCA1-B & CCA1-C CONCEPT DESIGN CROSS SECTIONS

Drawing status: For review and comment

State Code	Contract / Work Package 1
Project Stage	Project Concept, Feasibility & Option Selection
Scale	1:50 — DO NOT SCALE
Jacobs No.	D3658300 — Rev A
Client no.	7694

Drawing number: Project No | Work Package | Phase
7694 - CCA1 - P2 -
Type | Discipline | Originator | Number
DWG - CV - JAC - 0410



CCA1-D2 - TYPICAL CROSS SECTION

Scale 1:50

CCA1-D3 - TYPICAL CROSS SECTION

Scale 1:50

CCA1-D5 - TYPICAL CROSS SECTION

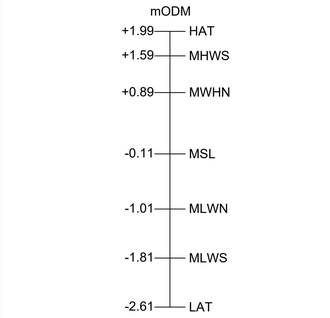
Scale 1:50

Notes:

1. All levels are in mODM
2. Do not scale from this drawing.
3. Additional tide conversions are available for high and low water (spring and neap tides) at Secondary Ports of Dublin Bar, Dun Laoghaire, Greystones (high only) and Wicklow. High tides at CCA6 are typically 1.2m lower than at Dublin.
4. Existing structure details are approximate only.
5. Assumes wall raising of up to 1.5m can be placed on existing wall alignment. TBC following ground investigations.
6. All levels and dimensions are approximate and to be confirmed through design development.
7. Topography taken from UAV survey 25th September 2023, Murphy Geospatial.
8. For cross section locations refer to drawing 7694-CCA1-P2-DWG-CV-JAC-400.

Legend

- Existing Structures
- New Reinforced Concrete Wall Raising



TIDE BAR
DUBLIN NORTH WALL
(STANDARD PORT)

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
A	08/10/2024	For client comment	DT	JS	JD	DK

Client: Iarnród Éireann Irish Rail

Designer: Jacobs
Merrion House, Merrion Rd, Dublin 4,
Ireland, D04R2C5. Tel: +44 (0)203 9802000
www.jacobs.com

Project: ECRIPP

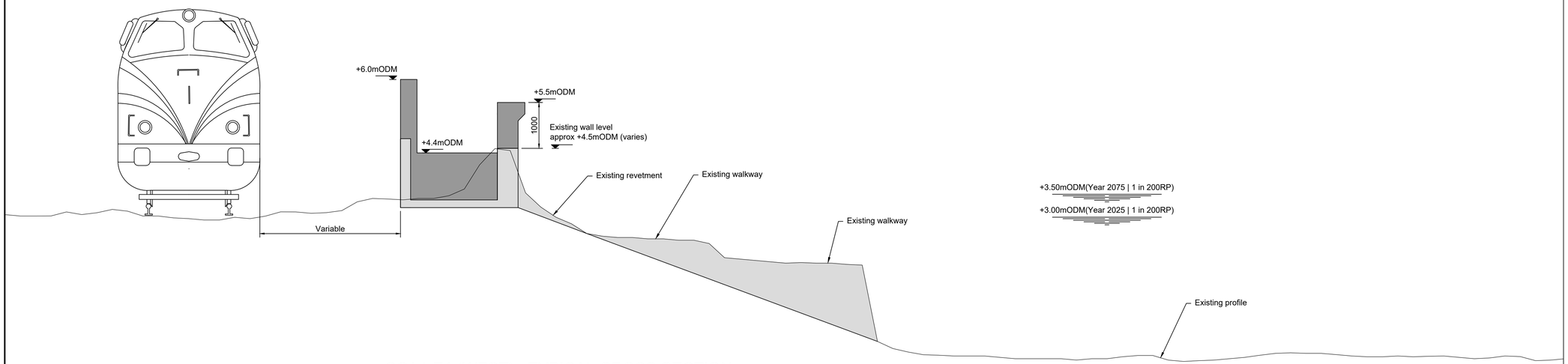
Drawing title
CCA1-D
CONCEPT DESIGN
CROSS SECTIONS

Drawing status: For review and comment

State Code	Contract / Work Package 1	
Project Stage	Project Concept, Feasibility & Option Selection	
Scale	1:50	DO NOT SCALE
Jacobs No.	D3658300	Rev A
Client no.	7694	

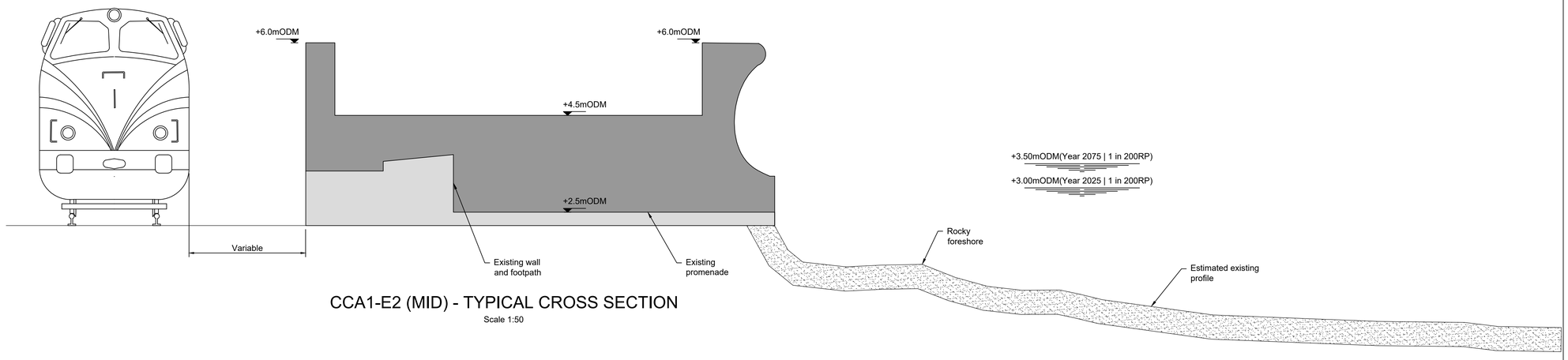
Drawing number: 7694 - CCA1 - P2 - DWG - CV - JAC - 0411
(Project No | Work Package | Phase | Type | Discipline | Originator | Number)

0 5
SCALE 1:50 METRES



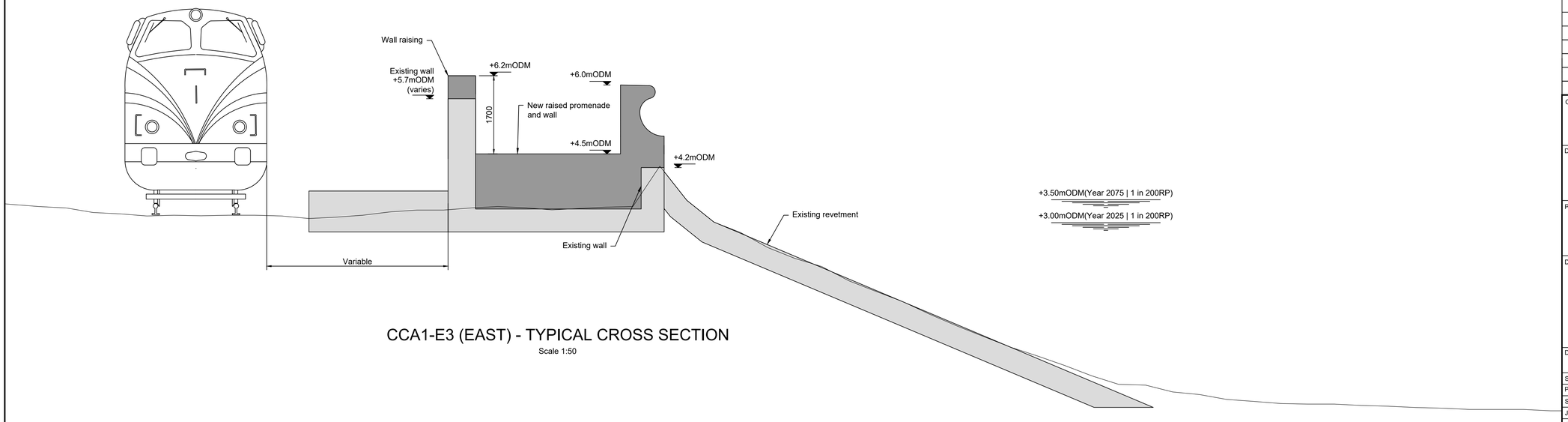
CCA1-E1 (WEST) - TYPICAL CROSS SECTION

Scale 1:50



CCA1-E2 (MID) - TYPICAL CROSS SECTION

Scale 1:50



CCA1-E3 (EAST) - TYPICAL CROSS SECTION

Scale 1:50

0 5

SCALE 1:50 METRES

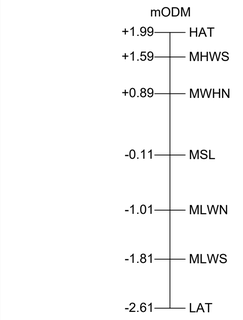
C:\pwworking\jacobs-emea-01\d0189014\7694-CCA1-P2-DWG-CV-JAC-0412.dwg - 08/10/2024 11:38:37 - A1Frame - TALBOTDK

Notes:

1. All levels are in mODM
2. Do not scale from this drawing.
3. Additional tide conversions are available for high and low water (spring and neap tides) at Secondary Ports of Dublin Bar, Dun Laoghaire, Greystones (high only) and Wicklow. High tides at CCA6 are typically 1.2m lower than at Dublin.
4. Existing structure details are approximate only.
5. All levels and dimensions are approximate and to be confirmed through design development.
6. Topography taken from UAV survey 25th September 2023, Murphy Geospatial.
7. For cross section locations refer to drawing 7694-CCA1-P2-DWG-CV-JAC-0400.

Legend

- Existing Structures
- New Reinforced Concrete Wall Raising



TIDE BAR
DUBLIN NORTH WALL
(STANDARD PORT)

Rev	Rev. Date	Purpose of revision	Drawn	Checkd	Rev'd	Apprv'd
A	08/10/2024	For client comment	DT	JS	JD	-DK

Client: Iarnród Éireann Irish Rail

Designer:
Jacobs
Merrion House, Merrion Rd, Dublin 4,
Ireland, D04R2C5. Tel: +44 (0)203 9802000
www.jacobs.com

Project: ECRIPP

Drawing title
CCA1-E
CONCEPT DESIGN
CROSS SECTIONS

Drawing status: For review and comment

State Code	Contract / Work Package 1
Project Stage	Project Concept, Feasibility & Option Selection
Scale	1:50 — DO NOT SCALE
Jacobs No.	D3658300 — Rev A
Client no.	7694

Drawing number: Project No | Work Package | Phase
7694 - CCA1 - P2 -
Type | Discipline | Originator | Number
DWG - CV - JAC - 0412