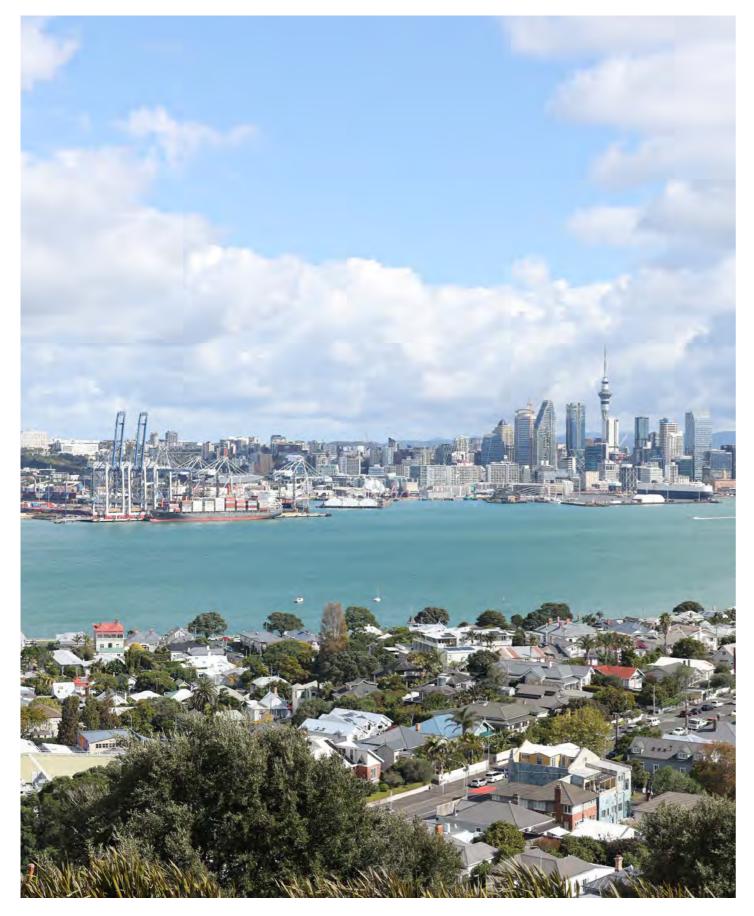
## **BLEDISLOE NORTH WHARF AND FERGUSSON NORTH WHARF EXTENSION**





# Bledisloe North Wharf and Fergusson North Wharf Extension



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Existing and Proposed Single Frame FoV40 (without Existing and Proposed Panorama FoV90 (with Cruise Existing and Proposed Panorama FoV90 (with RORO

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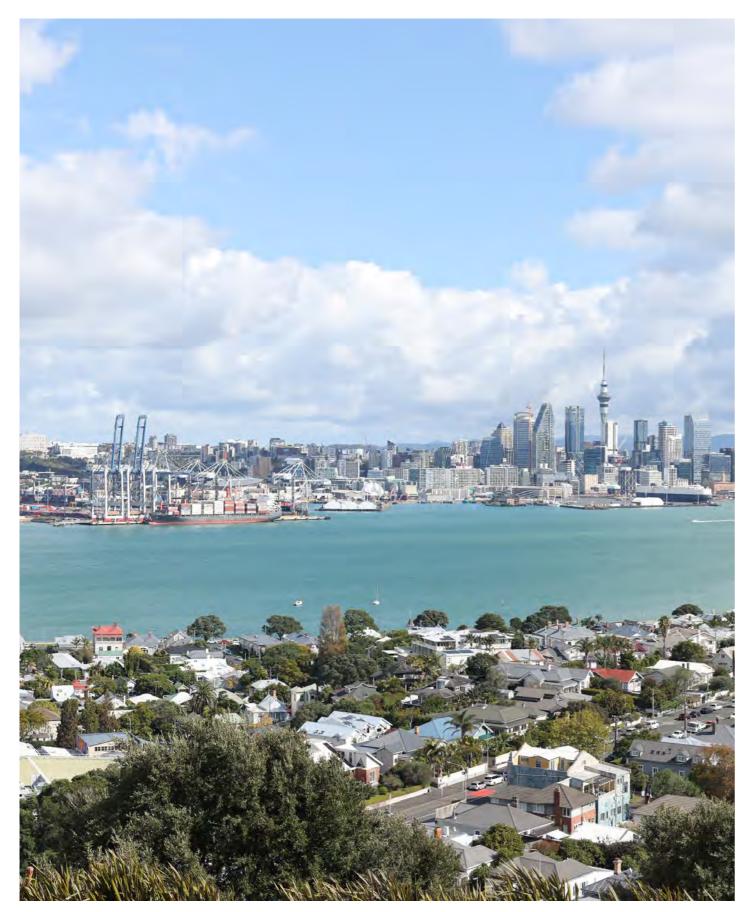
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# Bledisloe North Wharf and Fergusson North Wharf Extension



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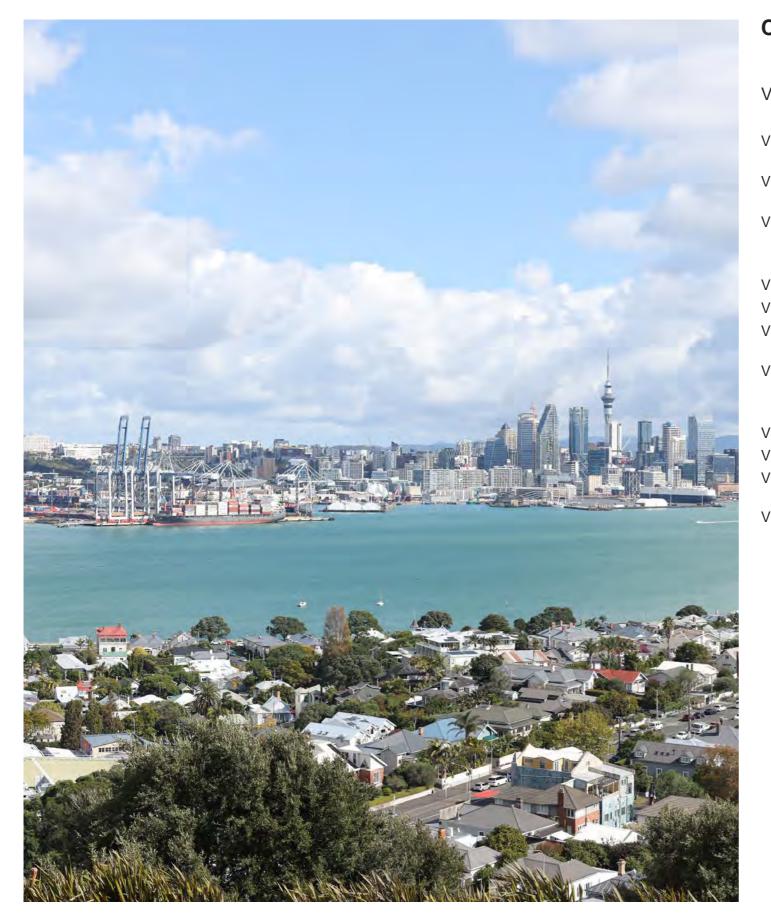
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# **Bledisloe North Wharf and Fergusson North Wharf Extension**



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nd Proposed Panorama FoV90 (with Cruise ship on

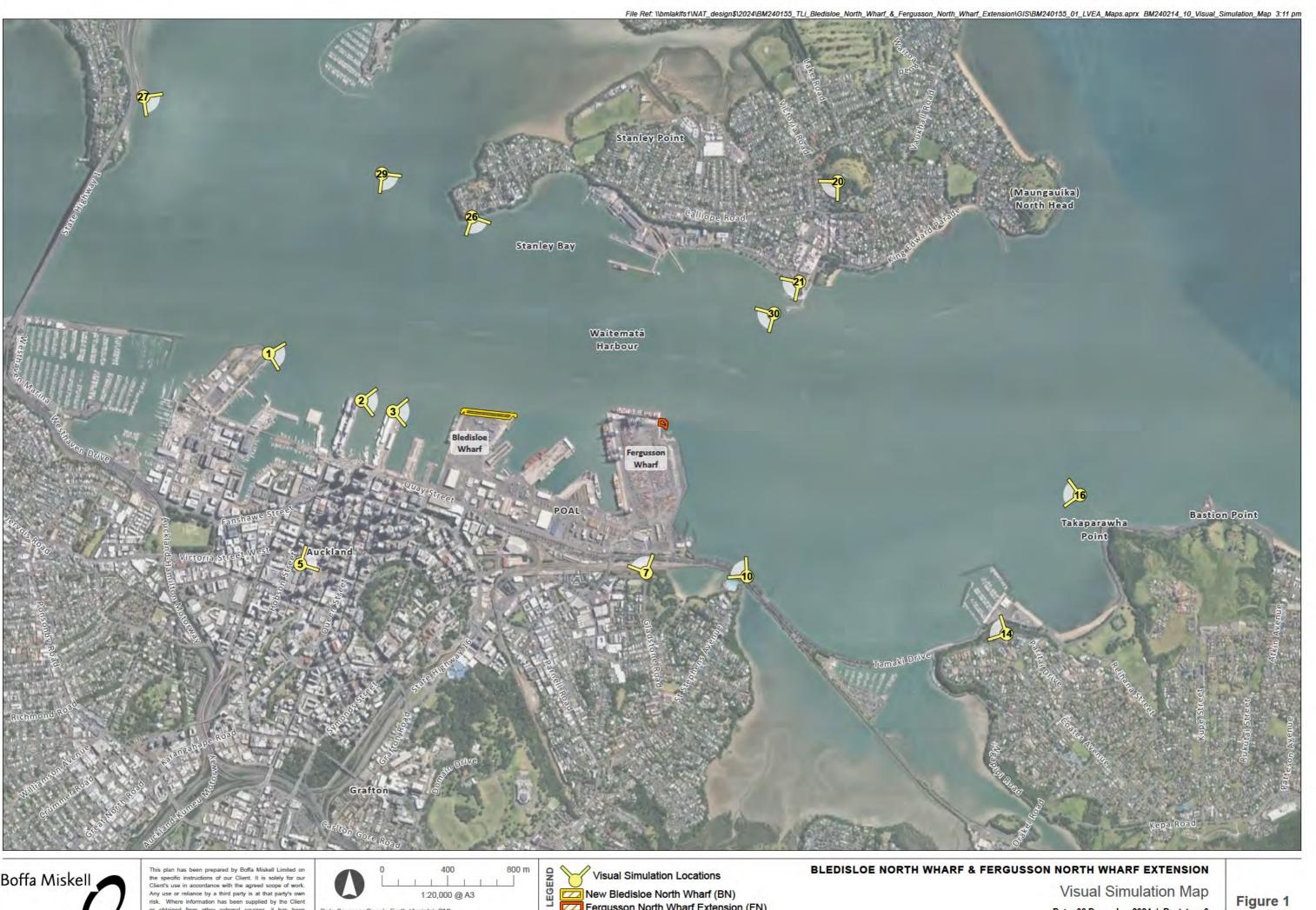
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Frame FoV40 (with RORO on BN and Multi Cargo



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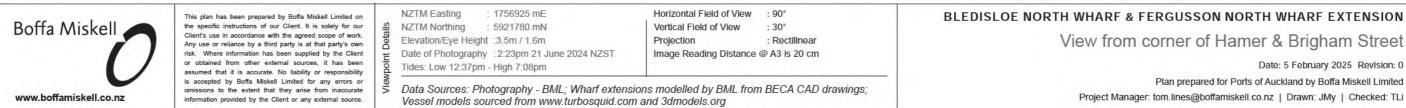
Projection: NZGD 2000 New Zealand Transverse Mercator

Visual Simulation Map Date: 06 December 2024 | Revision: 0 Plan prepared by Boffa Miskell Limited Project Manager: Tom.Lines@boffamiskell.co.nz | Drawn: SGa | Checked: TLi

Figure 1









Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

View from corner of Hamer & Brigham Street

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi VS 1A





Note: - Cruise: Quantum of the Seas - Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

NZTM Easting 1756925 mE Horizontal Field of View : 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell the specific instructions of our Client. It is solely for our NZTM Northing : 5921780 mN Vertical Field of View : 30° the specific instructions of our Client, it is solely for our Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility View from corner of Hamer & Brigham Street Elevation/Eye Height :3.5m / 1.6m Projection : Rectilinear Date of Photography : 2:23pm 21 June 2024 NZST Image Reading Distance @ A3 is 20 cm Date: 5 February 2025 Revision: 0 Tides: Low 12:37pm - High 7:08pm s accepted by Boffa Miskell Limited for any errors or omissions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Ni€ www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org



Existing View

VS 1B





Note: - RORO: Willenius Wilhelmsen Tonsberg - Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

NZTM Easting 1756925 mE Horizontal Field of View : 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell the specific instructions of our Client. It is solely for our NZTM Northing : 5921780 mN Vertical Field of View : 30° the specific instructions of our Client, it is solely for our Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility View from corner of Hamer & Brigham Street Elevation/Eye Height :3.5m / 1.6m Projection : Rectilinear Date of Photography : 2:23pm 21 June 2024 NZST Image Reading Distance @ A3 is 20 cm Date: 5 February 2025 Revision: 0 Tides: Low 12:37pm - High 7:08pm s accepted by Boffa Miskell Limited for any errors or omissions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Ni€ www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org



Existing View

VS 1C





Horizontal Field of View NZTM Easting 1757489 mE : 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell the specific instructions of our Client. It is solely for our NZTM Northing : 5921494 mN Vertical Field of View : 30° the specific instructions of our Client. It is solely for our Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility is accepted by Boffa Miskell Limited for any errors or omissions to the extent that they arise from inaccurate information provided by the Client or any external course. Elevation/Eye Height :3.62m / 1.6m View from Princes Wharf Projection : Rectilinear Date of Photography : 1:49pm 21 June 2024 NZST Image Reading Distance @ A3 is 20 cm Date: 5 February 2025 Revision: 0 Tides: Low 12:37pm - High 7:08pm Plan prepared for Ports of Auckland by Boffa Miskell Limited Vie Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)







- Cruise: Quantum of the Seas Note:

- Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

NZTM Easting 1757489 mE Horizontal Field of View · 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell NZTM Northing the specific instructions of our Client. It is solely for our : 5921494 mN Vertical Field of View : 30° Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility Elevation/Eye Height :3.62m / 1.6m View from Princes Wharf Projection : Rectilinear Date of Photography : 1:49pm 21 June 2024 NZST Image Reading Distance @ A3 is 20 cm Date: 5 February 2025 Revision: 0 Tides: Low 12:37pm - High 7:08pm is accepted by Boffa Miskell Limited for any errors or omissions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; N www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

VS 2A-B





Note: - RORO: Willenius Wilhelmsen Tonsberg - Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

NZTM Easting 1757489 mE Horizontal Field of View · 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell NZTM Northing the specific instructions of our Client. It is solely for our : 5921494 mN Vertical Field of View : 30° the specific instructions of our Client, it is solely for our Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility Elevation/Eye Height :3.62m / 1.6m View from Princes Wharf Projection : Rectilinear Date of Photography : 1:49pm 21 June 2024 NZST Image Reading Distance @ A3 is 20 cm Date: 5 February 2025 Revision: 0 Tides: Low 12:37pm - High 7:08pm is accepted by Boffa Miskell Limited for any errors or omissions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Vie Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source.

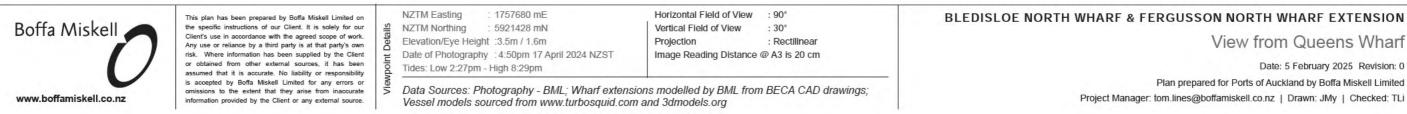
Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View









FileRef:BM240155\_GraphicSupplement\_Appendix\_4\_Visual\_Simulations\_20250205.indd

Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

View from Queens Wharf

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi VS 3A





Note: - Cruise: Quantum of the Seas

- Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

NZTM Easting 1757680 mE Horizontal Field of View : 90° This plan has been prepared by Boffa Miskell Limited on the specific instructions of our Client. It is solely for our **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** Boffa Miskell NZTM Northing : 5921428 mN Vertical Field of View : 30° the specific instructions of our Client. It is solely for our Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility is accepted by Boffa Miskel Limited for any errors or omissions to the extent that they arise from inaccurate informative arms in the Olicate arms actional entern and the Olicate arms and the parts of the source arms of the other than the other than the source arms of the other than the source arms of the source arms of the source assumed that the Olicate arms of the source arms o Elevation/Eye Height :3.5m / 1.6m View from Queens Wharf Projection : Rectilinear Date of Photography :4:50pm 17 April 2024 NZST Image Reading Distance @ A3 is 20 cm Date: 5 February 2025 Revision: 0 Tides: Low 2:27pm - High 8:29pm Plan prepared for Ports of Auckland by Boffa Miskell Limited Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Ni€ www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

FileRef:BM240155\_GraphicSupplement\_Appendix\_4\_Visual\_Simulations\_20250205.indd

Existing View

VS 3B





Note: - RORO: Willenius Wilhelmsen Tonsberg - Multi Cargo: "New Panamax' CMA-CGM-VELA

### CGM-VELA Proposed

NZTM Easting 1757680 mE Horizontal Field of View : 90° This plan has been prepared by Boffa Miskell Limited on the specific instructions of our Client. It is solely for our Boffa Miskell NZTM Northing : 5921428 mN Vertical Field of View : 30° the specific instructions of our Client. It is solely for our Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility is accepted by Boffa Miskel Limited for any errors or omissions to the extent that they arise from inaccurate informative arms in the Olicate arms actional entern and the Olicate arms and the parts of the source arms of the other than the other than the source arms of the other than the source arms of the source arms of the source assumed that the Olicate arms of the source arms o Elevation/Eye Height :3.5m / 1.6m Projection : Rectilinear Date of Photography :4:50pm 17 April 2024 NZST Image Reading Distance @ A3 is 20 cm Tides: Low 2:27pm - High 8:29pm Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Ni€ www.boffamiskell.co.nz information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

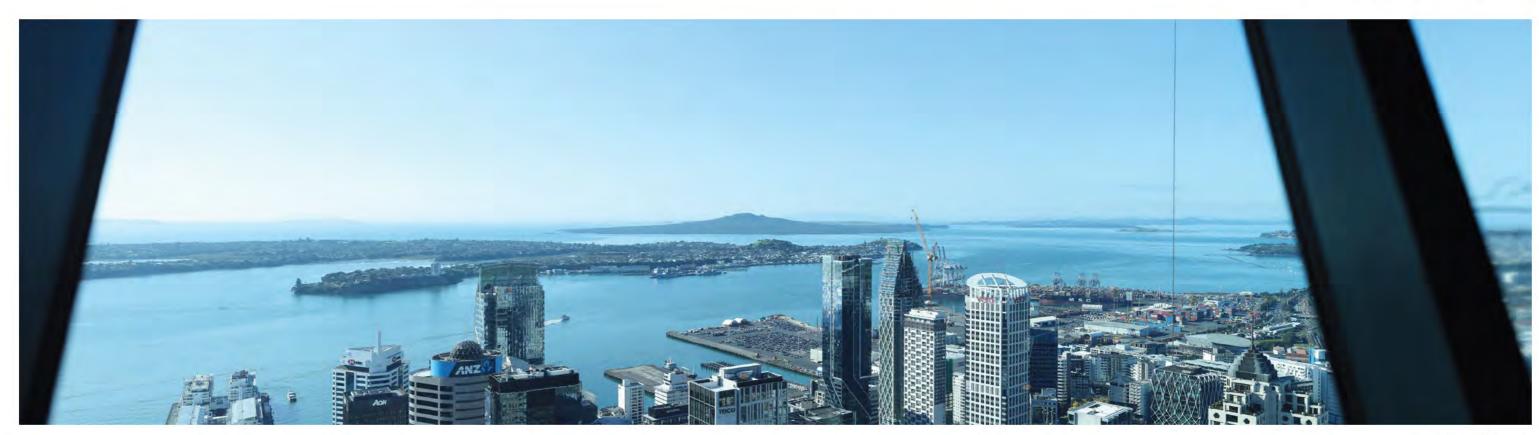
FileRef:BM240155\_GraphicSupplement\_Appendix\_4\_Visual\_Simulations\_20250205.indd

Existing View

Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION View from Queens Wharf

VS 3C





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Vie

NZTM Easting 1757117 mE NZTM Northing : 5920497 mN Elevation/Eye Height : 213m / 1.6m Date of Photography : 1:48pm 10 July 2024 NZST Tides: High 10:28pm - Low 4:16pm

Horizontal Field of View : 90° Vertical Field of View : 30° Projection : Rectilinear Image Reading Distance @ A3 is 20 cm

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

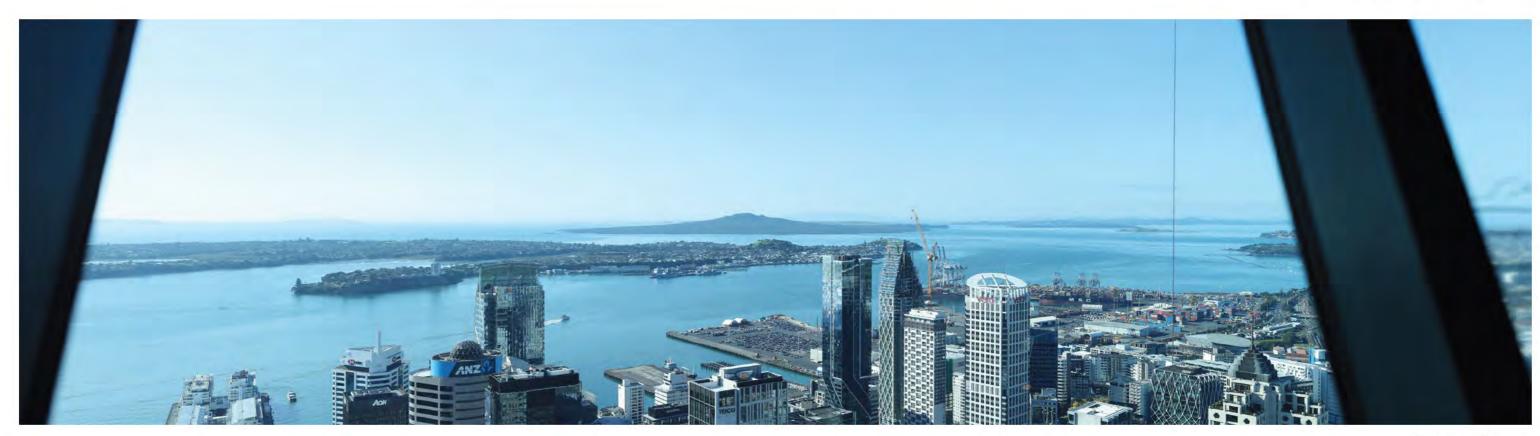
Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Sky Tower Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

VS 5A





Note: - Cruise: Quantum of the Seas - Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

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NZTM Easting 1757117 mE NZTM Northing : 5920497 mN Elevation/Eye Height : 213m / 1.6m Date of Photography : 1:48pm 10 July 2024 NZST Tides: High 10:28pm - Low 4:16pm

Vie

Horizontal Field of View : 90° Vertical Field of View : 30° Projection : Rectilinear Image Reading Distance @ A3 is 20 cm

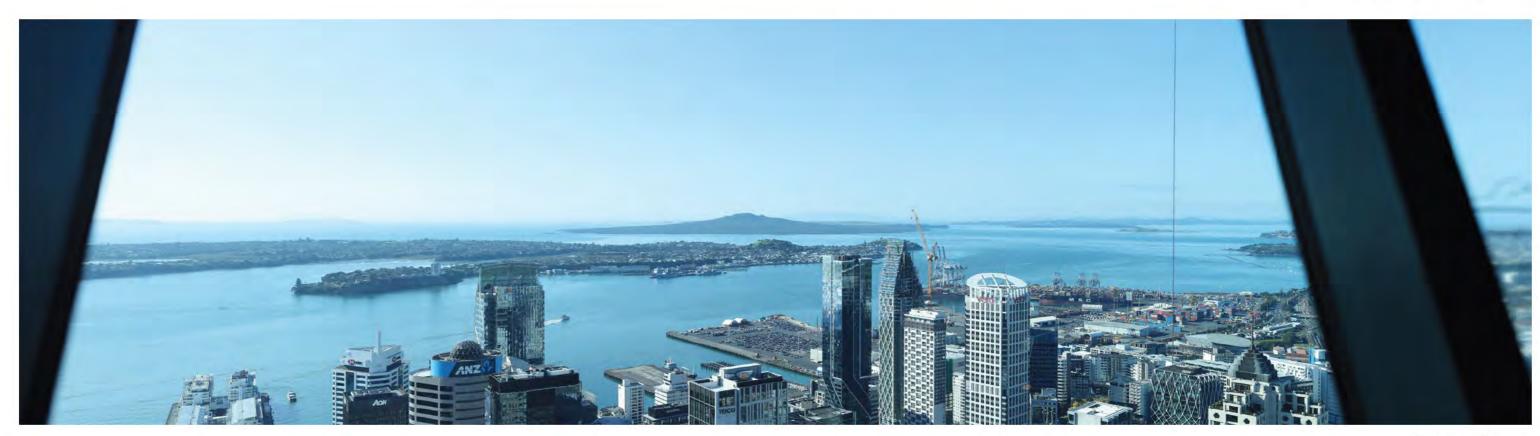
Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Sky Tower Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

VS 5B





- RORO: Willenius Wilhelmsen Tonsberg Note: - Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

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Vie

Horizontal Field of View : 90° Vertical Field of View : 30° Projection : Rectilinear Image Reading Distance @ A3 is 20 cm

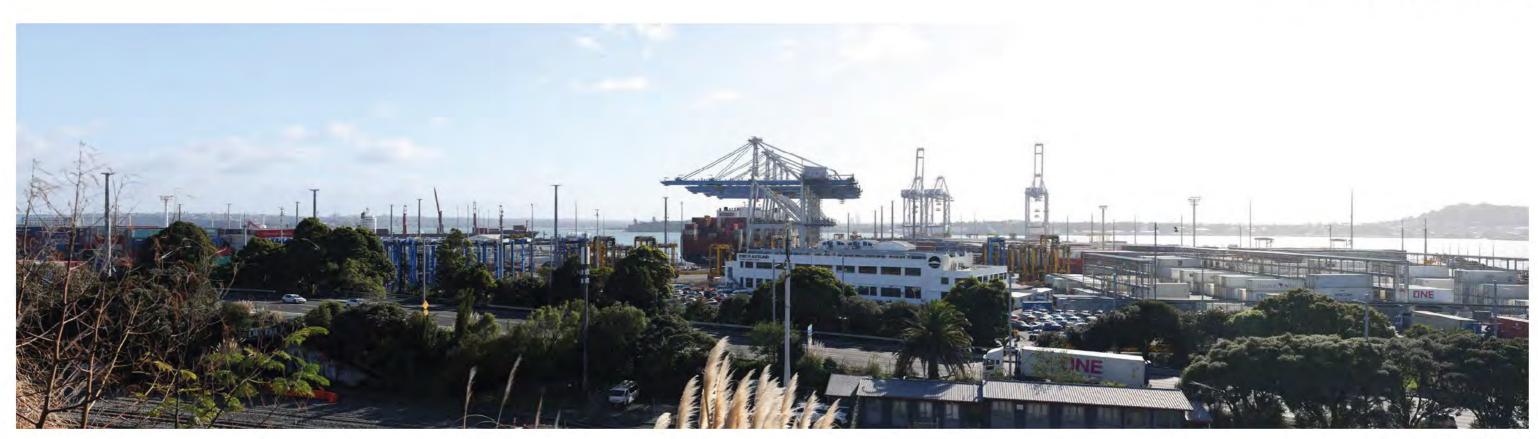
Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

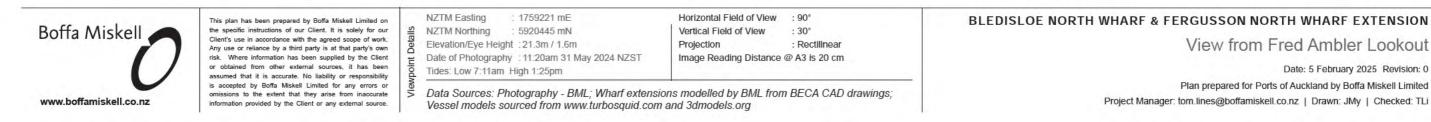
### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Sky Tower Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

VS 5C







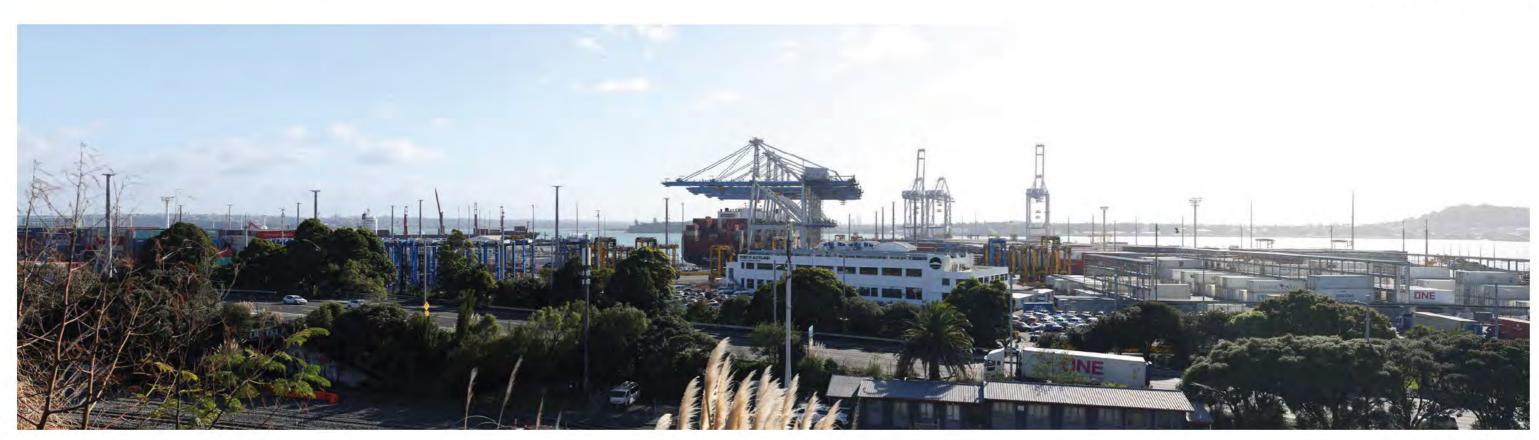
Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

View from Fred Ambler Lookout

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi







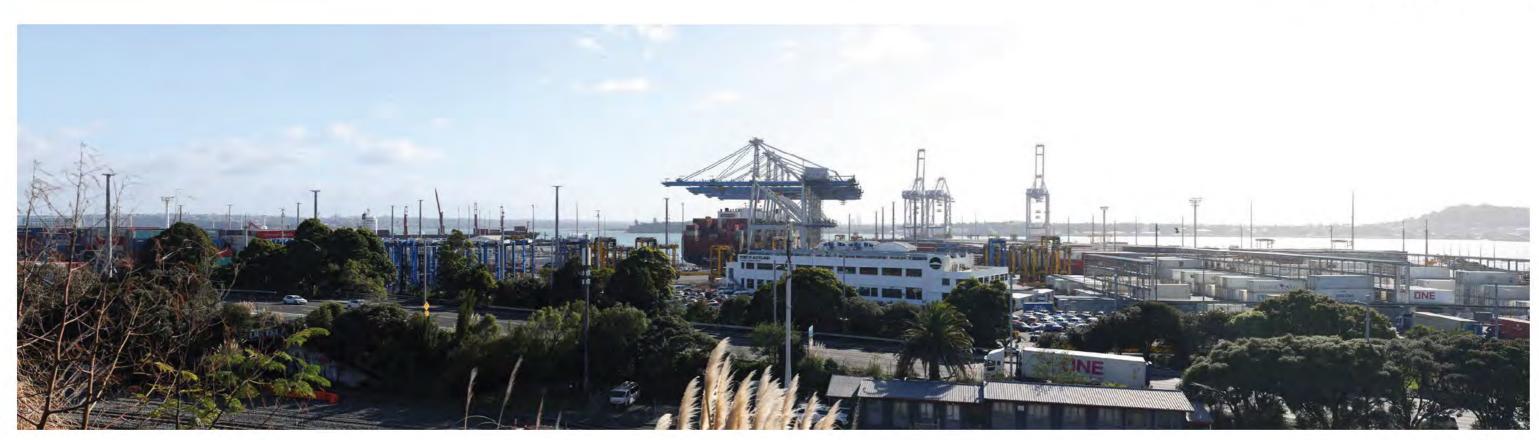
Note: - Cruise: Quantum of the Seas - Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

NZTM Easting 1759221 mE Horizontal Field of View · 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell the specific instructions of our Client. It is solely for our NZTM Northing : 5920445 mN Vertical Field of View : 30° the specific instructions of our Client, it is solely for our Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility Elevation/Eye Height : 21.3m / 1.6m View from Fred Ambler Lookout Projection : Rectilinear Date of Photography : 11:20am 31 May 2024 NZST Image Reading Distance @ A3 is 20 cm Date: 5 February 2025 Revision: 0 Tides: Low 7:11am High 1:25pm s accepted by Boffa Miskell Limited for any errors or missions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

VS 7B





Note: - RORO: Willenius Wilhelmsen Tonsberg - Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

Boffa Miskell www.boffamiskell.co.nz

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NZTM Easting 1759221 mE NZTM Northing : 5920445 mN Elevation/Eye Height : 21.3m / 1.6m Date of Photography : 11:20am 31 May 2024 NZST Tides: Low 7:11am High 1:25pm

Horizontal Field of View · 90° Vertical Field of View : 30° Projection : Rectilinear Image Reading Distance @ A3 is 20 cm **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** View from Fred Ambler Lookout

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

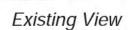
Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi VS7C





### Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

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**VS 10A** 

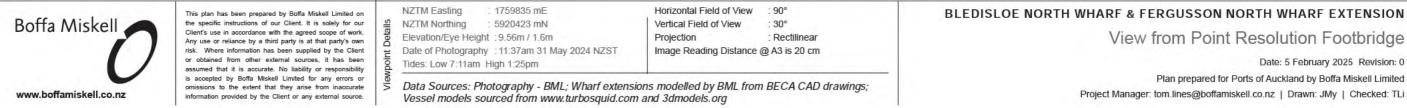


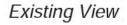


Note: - Cruise: Quantum of the Seas

- Multi Cargo: "New Panamax' CMA-CGM-VELA

Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)





View from Point Resolution Footbridge

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi **VS 10B** 



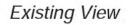


Note: - RORO: Willenius Wilhelmsen Tonsberg

### - Multi Cargo: "New Panamax' CMA-CGM-VELA

Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

NZTM Easting 1759835 mE Horizontal Field of View : 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell the specific instructions of our Client. It is solely for our NZTM Northing : 5920423 mN Vertical Field of View : 30° Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own Elevation/Eye Height : 9.56m / 1.6m View from Point Resolution Footbridge Projection : Rectilinear risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility Date of Photography : 11:37am 31 May 2024 NZST Image Reading Distance @ A3 is 20 cm Date: 5 February 2025 Revision: 0 Tides: Low 7:11am High 1:25pm s accepted by Boffa Miskell Limited for any errors or omissions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Ni€ www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org



**VS 10C** 





NZTM Easting 1761413 mE Horizontal Field of View **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on the specific instructions of our Client. It is solely for our : 90° Boffa Miskell NZTM Northing : 5920073 mN Vertical Field of View : 30° the specific instructions of our Client, it is solely for our Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility View from Paritai Drive (2 of 2) Elevation/Eye Height : 31.6m / 1.6m Projection : Rectilinear Date of Photography : 12:04pm 31 May 2024 NZST Image Reading Distance @ A3 is 20 cm Date: 5 February 2025 Revision: 0 Tides: Low 7:11am High 1:25pm s accepted by Boffa Miskell Limited for any errors or missions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; ₹ www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

**VS 14A** 

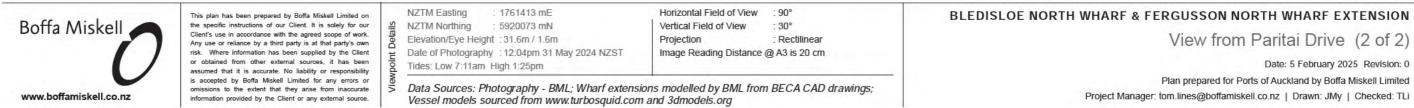




Note: - Cruise: Quantum of the Seas

- Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)



Existing View

View from Paritai Drive (2 of 2) Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited

**VS 14B** 

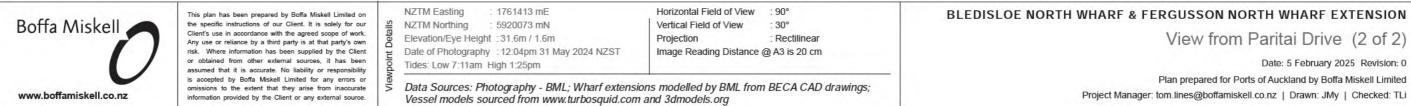




Note: - RORO: Willenius Wilhelmsen Tonsberg

- Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)



Existing View

View from Paritai Drive (2 of 2) Date: 5 February 2025 Revision: 0

Plan prepared for Ports of Auckland by Boffa Miskell Limited

**VS 14C** 





1761860 mE Horizontal Field of View This plan has been prepared by Boffa Miskell Limited on the specific instructions of our Client. It is solely for our NZTM Easting : 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** Boffa Miskell NZTM Northing : 5920919 mN Vertical Field of View : 30° the specific instructions or our Client, it is solely for our Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility View from Okahu Bay Wharf Elevation/Eye Height :3.25m / 1.6m Projection : Rectilinear ŏ Date of Photography : 12:21pm 31 May 2024 NZST Image Reading Distance @ A3 is 20 cm oint Date: 5 February 2025 Revision: 0 Tides: Low 7:11am High 1:25pm is accepted by Boffa Miskell Limited for any errors or omissions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Vie Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

**VS 16A** 

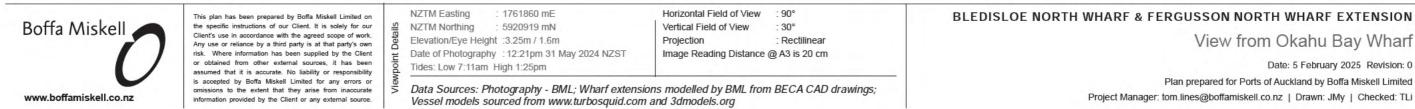




Note: - Cruise: Quantum of the Seas

- Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)



Existing View

View from Okahu Bay Wharf

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

**VS 16B** 

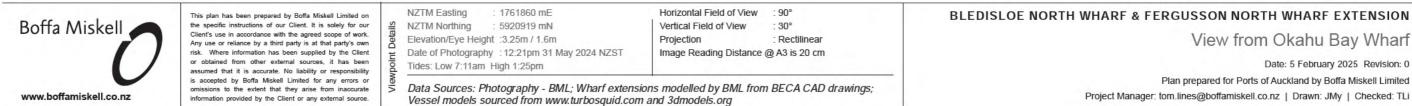




Note: - RORO: Willenius Wilhelmsen Tonsberg

- Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)



Existing View

View from Okahu Bay Wharf

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi **VS 16C** 





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Horizontal Field of View : 90° : 30° : Rectilinear Image Reading Distance @ A3 is 20 cm **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** View from Mount Victoria

> Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

**VS 20A** 





Note: - Cruise: Quantum of the Seas

- Multi Cargo: "New Panamax' CMA-CGM-VELA

Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

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NZTM Easting 1760388 mE NZTM Northing : 5922826 mN Elevation/Eye Height :80.1m / 1.6m ð Date of Photography : 1:30pm 17 April 2024 NZST Ħ Tides: Low 8:15am - High 2:27pm ž

Horizontal Field of View · 90° Vertical Field of View : 30° Projection : Rectilinear Image Reading Distance @ A3 is 20 cm

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

Existing View

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** View from Mount Victoria

**VS 20B** 





Note: - RORO: Willenius Wilhelmsen Tonsberg - Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

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NZTM Easting 1760388 mE NZTM Northing : 5922826 mN Elevation/Eye Height :80.1m / 1.6m Date of Photography : 1:30pm 17 April 2024 NZST Tides: Low 8:15am - High 2:27pm

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Horizontal Field of View · 90° Vertical Field of View : 30° Projection : Rectilinear Image Reading Distance @ A3 is 20 cm

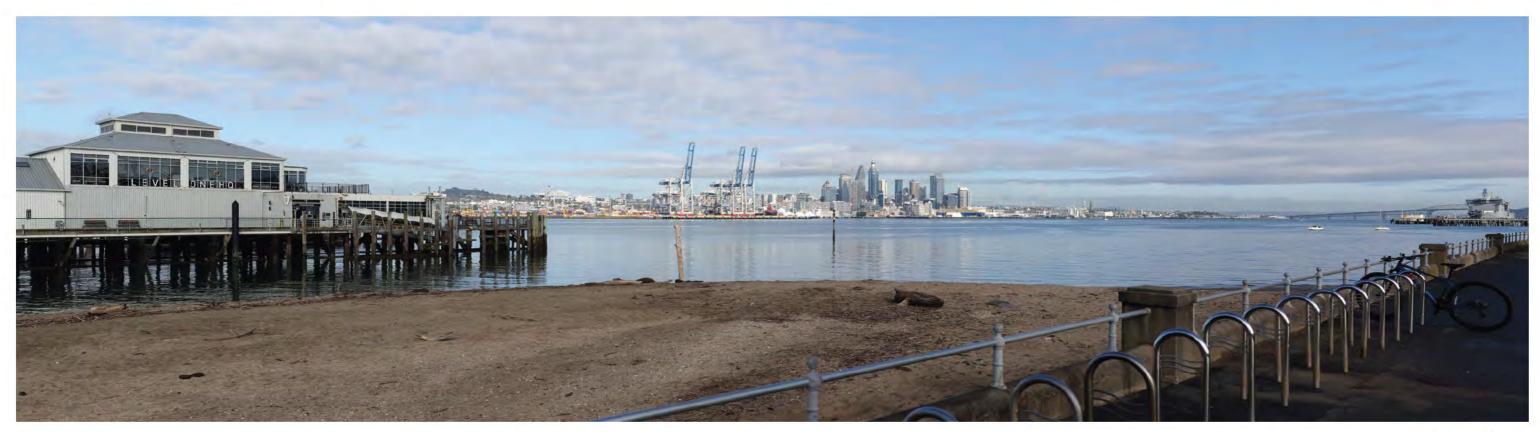
Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

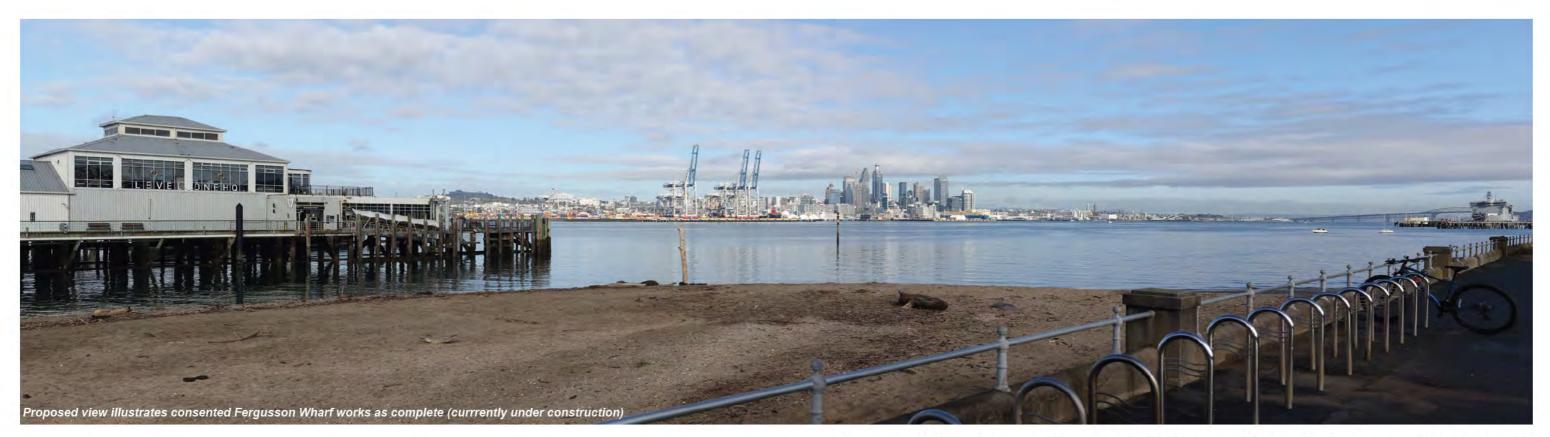
Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** View from Mount Victoria

**VS 20C** 



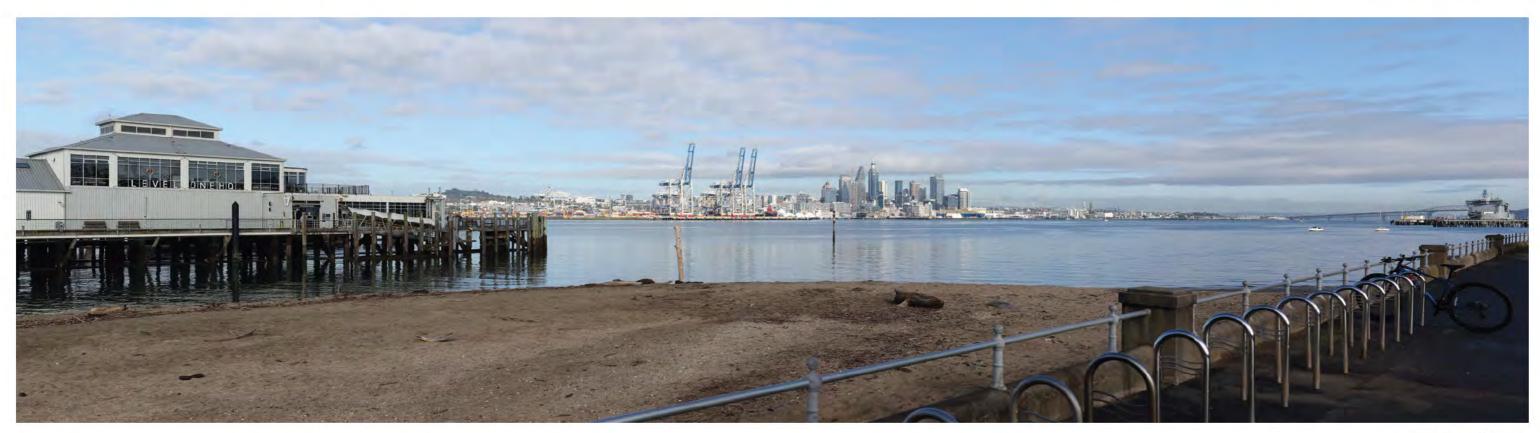


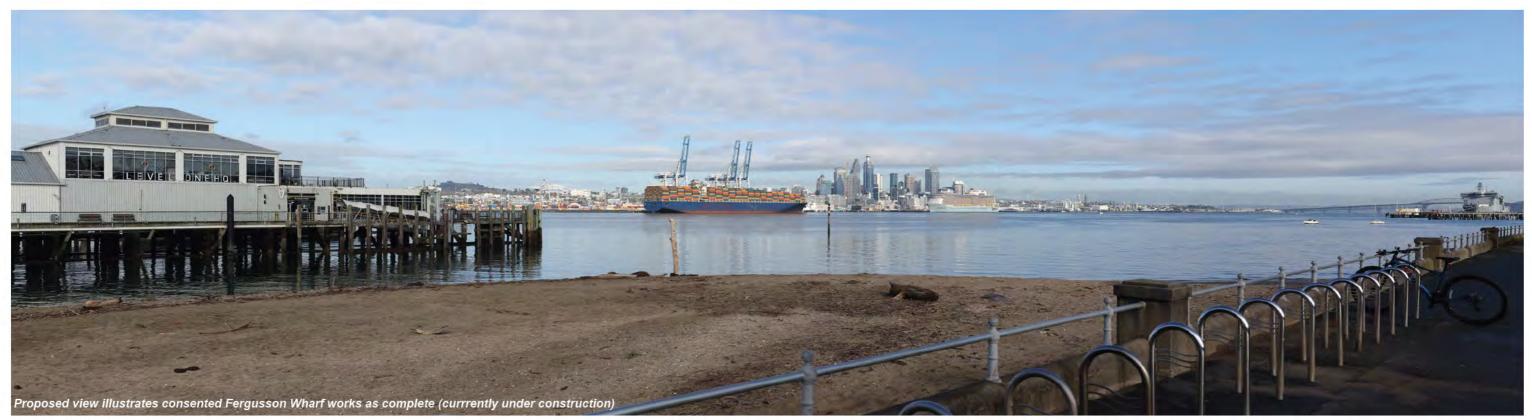
NZTM Easting 1760152 mE Horizontal Field of View : 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell NZTM Northing the specific instructions of our Client. It is solely for our : 5922215 mN Vertical Field of View : 30° Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own View from Devonport/ Esplanade Carpark Elevation/Eye Height : 2.97m / 1.6m Projection : Rectilinear Date of Photography : 10:35am 18 June 2024 NZST Image Reading Distance @ A3 is 20 cm risk. Where information has been supplied by the Client or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility Date: 5 February 2025 Revision: 0 Tides: Low 10:15am - High 4:45pm accepted by Boffa Miskell Limited for any errors or missions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; N www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

**VS 21A** 

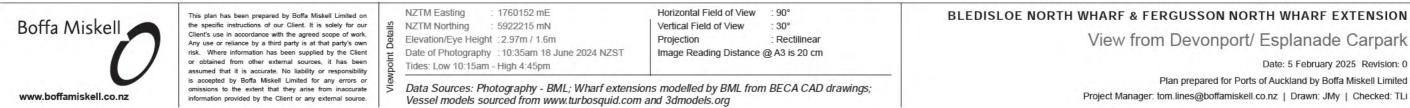




Note: - Cruise: Quantum of the Seas

- Multi Cargo: "New Panamax' CMA-CGM-VELA

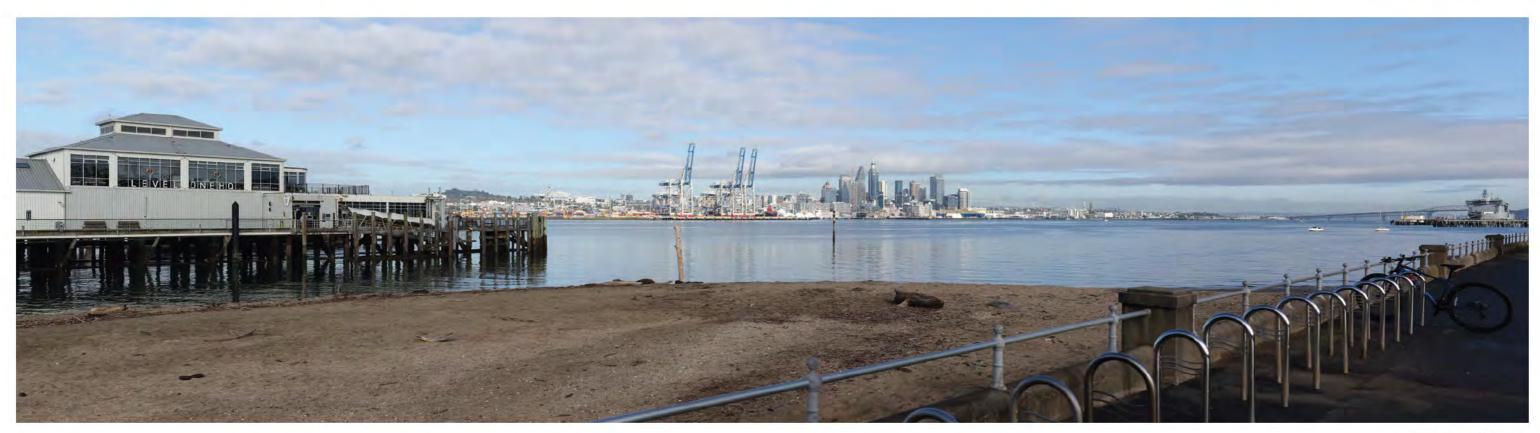
### Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)



Existing View

View from Devonport/ Esplanade Carpark

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi **VS 21B** 

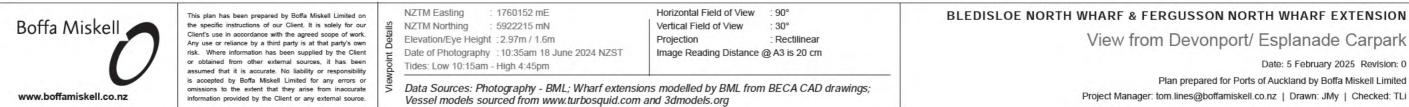




Note: - RORO: Willenius Wilhelmsen Tonsberg

- - Multi Cargo: "New Panamax' CMA-CGM-VELA

### Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)



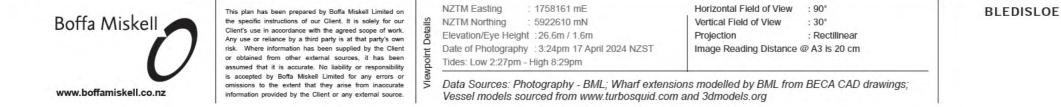
Existing View

View from Devonport/ Esplanade Carpark

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi **VS 21C** 







**BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** View from Cyril Bassett VC Lookout

> Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)







- Cruise: Quantum of the Seas Note: - Multi Cargo: "New Panamax' CMA-CGM-VELA

## Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

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1758161 mE NZTM Easting NZTM Northing 5922610 mN Elevation/Eye Height : 26.6m / 1.6m Date of Photography : 3:24pm 17 April 2024 NZST Tides: Low 2:27pm - High 8:29pm

Horizontal Field of View · 90° Vertical Field of View : 30° Projection : Rectilinear Image Reading Distance @ A3 is 20 cm

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

Existing View

## **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Cyril Bassett VC Lookout Date: 5 February 2025 Revision: 0

**VS 26B** 





Note: - RORO: Willenius Wilhelmsen Tonsberg - Multi Cargo: "New Panamax' CMA-CGM-VELA

## Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

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1758161 mE NZTM Easting NZTM Northing 5922610 mN Elevation/Eye Height : 26.6m / 1.6m Date of Photography : 3:24pm 17 April 2024 NZST Tides: Low 2:27pm - High 8:29pm

Horizontal Field of View · 90° Vertical Field of View : 30° Projection : Rectilinear Image Reading Distance @ A3 is 20 cm

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

Existing View

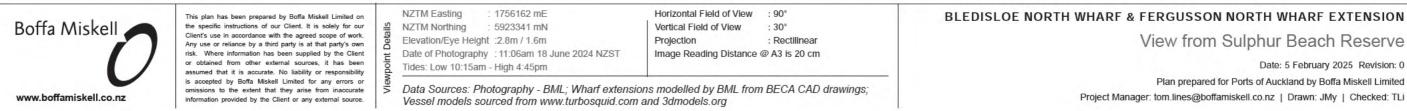
## **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Cyril Bassett VC Lookout Date: 5 February 2025 Revision: 0

**VS 26C** 







Existing View

Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

View from Sulphur Beach Reserve

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi **VS 27A** 





Note: - Cruise: Quantum of the Seas

- Multi Cargo: "New Panamax' CMA-CGM-VELA

## Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

1756162 mE NZTM Easting Horizontal Field of View : 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell the specific instructions of our Client. It is solely for our NZTM Northing : 5923341 mN Vertical Field of View : 30° Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client View from Sulphur Beach Reserve Elevation/Eye Height :2.8m / 1.6m Projection : Rectilinear Date of Photography : 11:06am 18 June 2024 NZST Image Reading Distance @ A3 is 20 cm or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility Date: 5 February 2025 Revision: 0 Tides: Low 10:15am - High 4:45pm s accepted by Boffa Miskell Limited for any errors or omissions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Vie Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

**VS 27B** 





Note: - RORO: Willenius Wilhelmsen Tonsberg - Multi Cargo: "New Panamax' CMA-CGM-VELA

## Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

1756162 mE NZTM Easting Horizontal Field of View : 90° **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION** This plan has been prepared by Boffa Miskell Limited on Boffa Miskell the specific instructions of our Client. It is solely for our NZTM Northing : 5923341 mN Vertical Field of View : 30° Client's use in accordance with the agreed scope of work. Any use or reliance by a third party is at that party's own risk. Where information has been supplied by the Client View from Sulphur Beach Reserve Elevation/Eye Height :2.8m / 1.6m Projection : Rectilinear Date of Photography : 11:06am 18 June 2024 NZST Image Reading Distance @ A3 is 20 cm or obtained from other external sources, it has been assumed that it is accurate. No liability or responsibility Date: 5 February 2025 Revision: 0 Tides: Low 10:15am - High 4:45pm s accepted by Boffa Miskell Limited for any errors or omissions to the extent that they arise from inaccurate Plan prepared for Ports of Auckland by Boffa Miskell Limited Vie Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; www.boffamiskell.co.nz Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi information provided by the Client or any external source. Vessel models sourced from www.turbosquid.com and 3dmodels.org

Existing View

**VS 27C** 



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1757614 mE NZTM Easting NZTM Northing : 5922873 mN Elevation/Eye Height : 2.8m / 1.6m Date of Photography : 12:19pm 21 June 2024 NZST Tides: Low 12:37pm - High 7:08pm

Horizontal Field of View : 40° Vertical Field of View : 25° Projection : NA Image Reading Distance @ A3 is 50 cm

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

# Existing View

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Bayswater Ferry

**VS 29A** 



## Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

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Details	NZTM Easting	: 1757614 mE	
	NZTM Northing	: 5922873 mN	
	Elevation/Eye Heig	ght : 2.8m / 1.6m	
цГ	Date of Photograp	ohy :12:19pm 21 June 2024 NZST	I
poli	Tides: Low 12:37p	om - High 7:08pm	
Viewpoint	Data Sources: F	Photography - BML; Wharf extension	ns

Horizontal Field of View · 40° Vertical Field of View : 25° Projection : NA Image Reading Distance @ A3 is 50 cm

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Bayswater Ferry

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi **VS 29B** 



Note: - Cruise: Quantum of the Seas - Multi Cargo: "New Panamax' CMA-CGM-VELA

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Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

NZTM Northing : 5922873 mN Elevation/Eye Height : 2.8m / 1.6m Projection Date of Photography : 12:19pm 21 June 2024 NZST Tides: Low 12:37pm - High 7:08pm

1757614 mE

NZTM Easting

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Horizontal Field of View · 40° Vertical Field of View : 25° : NA Image Reading Distance @ A3 is 50 cm

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Bayswater Ferry

**VS 29C** 



- RORO: Willenius Wilhelmsen Tonsberg Note: - Multi Cargo: "New Panamax' CMA-CGM-VELA

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Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

1757614 mE NZTM Easting NZTM Northing : 5922873 mN Elevation/Eye Height : 2.8m / 1.6m Date of Photography : 12:19pm 21 June 2024 NZST Tides: Low 12:37pm - High 7:08pm

Horizontal Field of View · 40° Vertical Field of View : 25° Projection : NA Image Reading Distance @ A3 is 50 cm

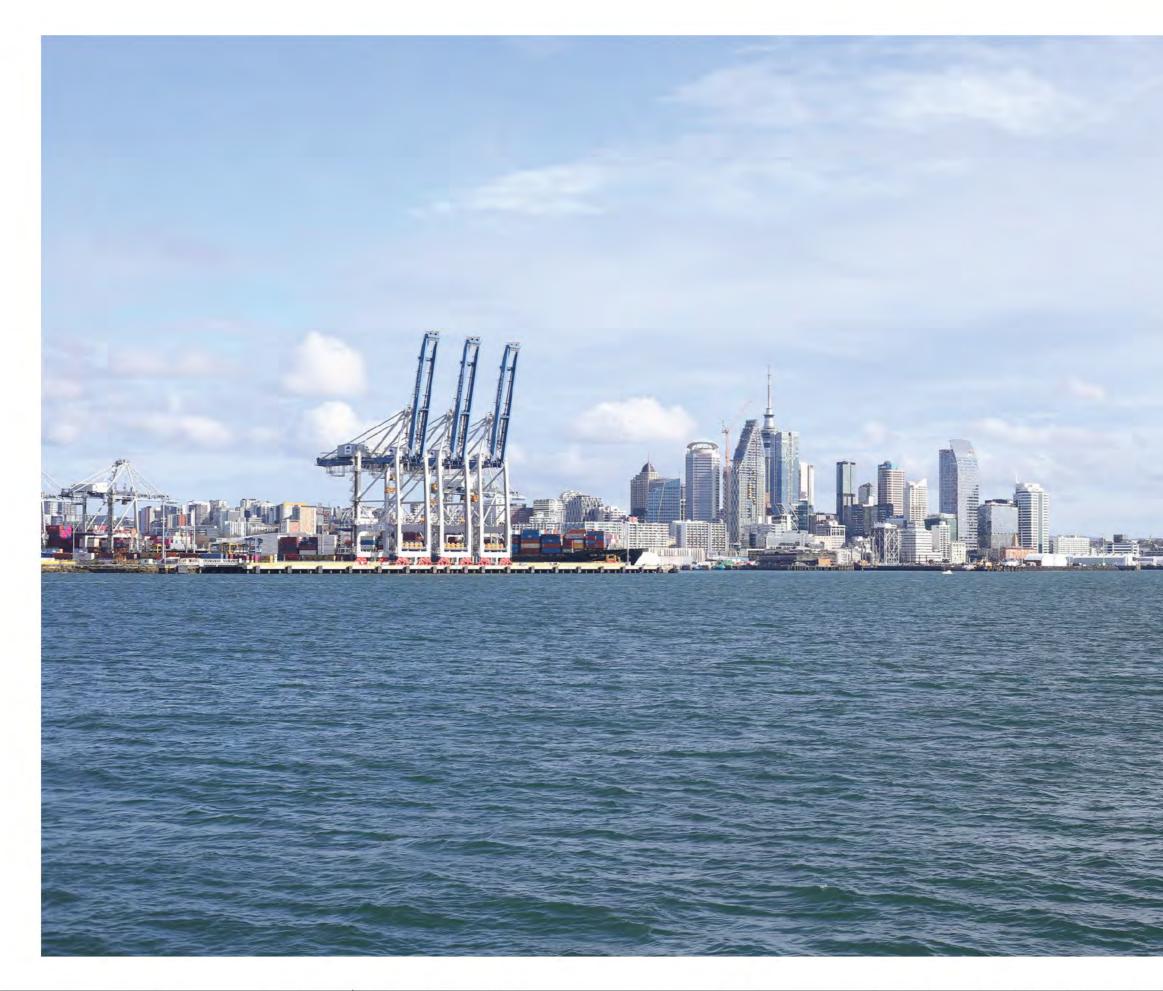
Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Bayswater Ferry

**VS 29D** 



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NZTM Easting 1760000 mE NZTM Northing : 5922023 mN Elevation/Eye Height :2.94m / 1.6m Date of Photography : 1:16pm 21 June 2024 NZST Tides: Low 12:37pm - High 7:08pm

Horizontal Field of View : 40° Vertical Field of View : 25° Projection : NA Image Reading Distance @ A3 is 50 cm

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

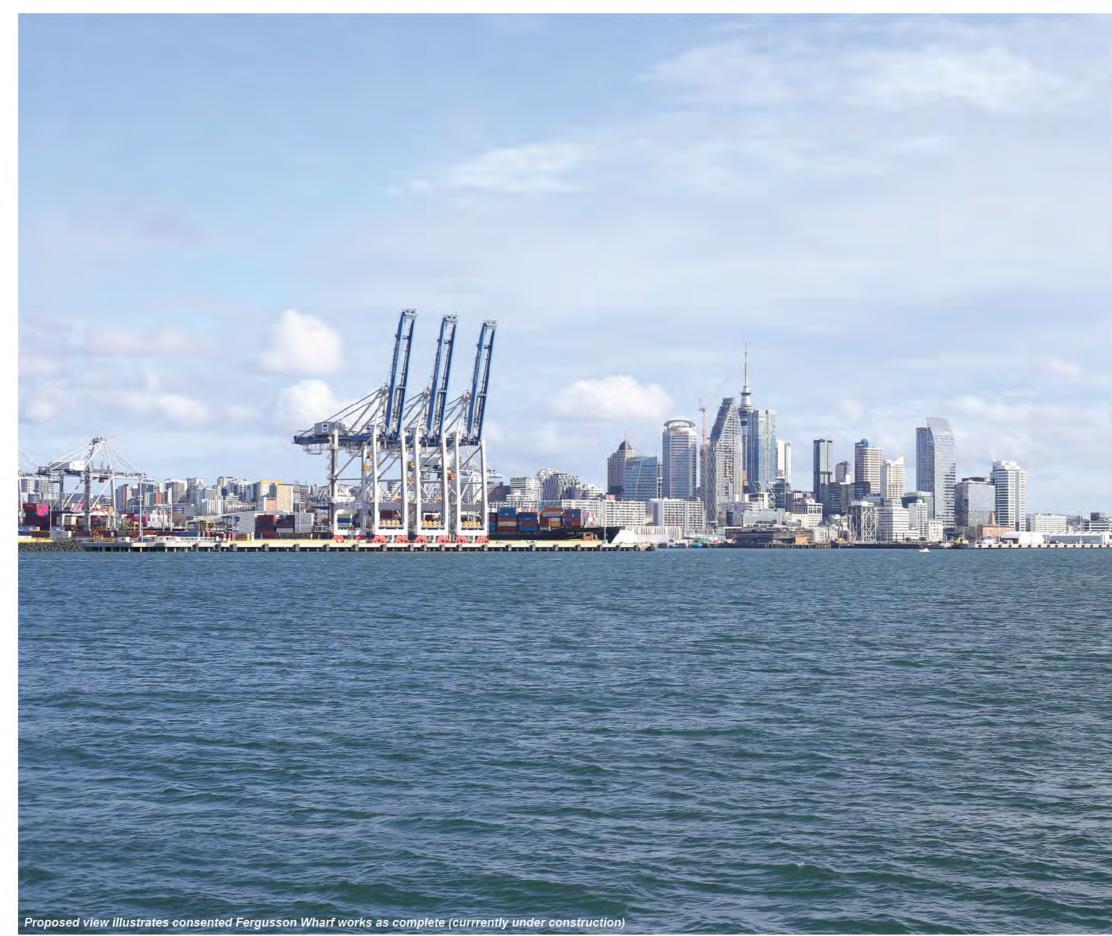
Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

## Existing View

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Devonport Ferry

**VS 30A** 



### Proposed View (without vessel on Bledisloe North Wharf & Fergusson North Wharf)

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NZTM Easting

Vie

NZTM Northing

Elevation/Eye Height :2.94m / 1.6m

1760000 mE

: 5922023 mN

Date of Photography : 1:16pm 21 June 2024 NZST

Tides: Low 12:37pm - High 7:08pm Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Horizontal Field of View

Image Reading Distance @ A3 is 50 cm

Vertical Field of View

Projection

· 40°

: 25°

: NA

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Devonport Ferry

**VS 30B** 



- Multi Cargo: "New Panamax' CMA-CGM-VELA

Proposed View (with Cruise Ship on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

· 40°

: 25°

: NA

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NZTM Easting

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NZTM Northing

Elevation/Eye Height :2.94m / 1.6m

1760000 mE

: 5922023 mN

Date of Photography : 1:16pm 21 June 2024 NZST

Tides: Low 12:37pm - High 7:08pm Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Horizontal Field of View

Image Reading Distance @ A3 is 50 cm

Vertical Field of View

Projection

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Devonport Ferry

**VS 30C** 



- Multi Cargo: "New Panamax' CMA-CGM-VELA

Proposed View (with RORO on Bledisloe North Wharf and Multi Cargo Vessel on Fergusson North Wharf)

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NZTM Easting

Vie

NZTM Northing

Elevation/Eye Height :2.94m / 1.6m

Tides: Low 12:37pm - High 7:08pm

1760000 mE

: 5922023 mN

Date of Photography : 1:16pm 21 June 2024 NZST

Data Sources: Photography - BML; Wharf extensions modelled by BML from BECA CAD drawings; Vessel models sourced from www.turbosquid.com and 3dmodels.org

Projection

Horizontal Field of View

Image Reading Distance @ A3 is 50 cm

Vertical Field of View

· 40°

: 25°

: NA

Date: 5 February 2025 Revision: 0 Plan prepared for Ports of Auckland by Boffa Miskell Limited Project Manager: tom.lines@boffamiskell.co.nz | Drawn: JMy | Checked: TLi

### **BLEDISLOE NORTH WHARF & FERGUSSON NORTH WHARF EXTENSION**

View from Devonport Ferry

**VS 30D**