



## PORT LOAD CHART

### About the Port Load Chart

The Port Load Chart is intended to provide guidance on the maximum allowable loads permitted on wharves, piers and shed floors at PoM owned facilities within the Port of Melbourne. The details are correct at time of publication but may be subject to variation.

### Revisions and Updates

The Port Load Chart will be revised and updated on a regular basis. The latest version will be on the Port of Melbourne Operations web site [www.portofmelbourne.com](http://www.portofmelbourne.com). It is the responsibility of persons using this chart to ensure that they are referring to the latest version.

### Load Categories

The Port Load Chart is only applicable to the standard load categories defined below and in the Standard Loads Diagram – Attachment 1.

#### Single Axle Load

The maximum single axle load (except forklifts) is shown in Column A of the Chart. Axles must be a minimum of 2.4 m apart to be considered single axles. (Note: VicRoads maximum 9 tonne for standard road registered vehicles)

#### Tandem Axle Group Load

The maximum tandem axle group load is shown in Column B of the Chart. Axles must be a minimum of 1.2 m apart within the group. (Note: VicRoads maximum 16.5 tonne for standard road registered vehicles)

#### Tri-Axle Group Load

The maximum tri-axle group load is shown in Column C of the Chart. Axles must be a minimum of 1.2 m apart within the group. (Note: VicRoads maximum 20 tonne for standard road registered vehicles)

#### Forklift Front Axle Load

The maximum load on a forklift front axle is shown in Column D of the Chart. Forklifts may exceed the loads shown in Column A, provided the following conditions are met:

- The forklift keeps at least 6 m from all other vehicles except the one that is being loaded.
- The maximum axle load does not exceed the amount shown in Column D.



### Uniformly Spread Load

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The maximum uniformly spread load from cargo stacking over a large area is shown in Column E. This may be exceeded over a small area provided the equivalent axle group load is not exceeded.

### General

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The above axle loads are based on dual tyred wheels (i.e., 4 tyres per axle). Where single tyred wheels (i.e. 2 tyres per axle) are used, then axle loads shall not exceed the registered load capacity.

Axle loads include the weight of wheels etc. Where spacing's are less that the above limits, allowable loads shall be reduced proportionately.

### Non-Standard Loads

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The above loads are standard design loads for the respective areas. For further information, including the non-standard loads approval process, please go to: <https://www.portofmelbourne.com/facilities-development/use-of-port-facilities/> and email details to [nstandload@portofmelbourne.com](mailto:nstandload@portofmelbourne.com). At least 2 weeks' notice is normally required for non-standard load approval. However, 4 weeks' notice may be needed for more complex loads that require a higher level of planning. Typically, the complexity cannot be determined until after the assessment has started. A Non-Standard Load assessment may be required for other PoM assets (PoM pavements, roadways, bridges, culverts, etc.) that are not currently included within the Port Load Chart. This is for all non-standard load lift arrangements that may occur on PoM assets (including but not limited to: multi-platform trailers, OSOM vehicles, mobile and crawler cranes etc.).

### No-Load Zone

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Pedestrian loads only.

### No-Go Zone

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No live loads within area (including pedestrians).

### Port Load Charts

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The maximum standard loads permitted on wharves, piers and shed floors are shown in the following Port Load Chart. For wharf, shed floor and pavement areas (PoM assets) currently not included in the Port Load Chart, please contact PoM for further information.



## Port Load Chart

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BERTH No./LOCATION	COL. A	COL. B	COL. C	COL. D	COL. E
	SINGLE AXLE (T)	TANDEM AXLE (T)	TRI- AXLE (T)	FORK LIFT (T)	SPREAD LOADS (T/SQ.m)
<b>SWANSON DOCK East/West</b>					
All Berths	32	52	52	100	4.5
<b>VICTORIA DOCK</b>					
Berth 24 Wharf apron	20	32	48	50	2.5
Berth 24 Shed floor	14	24	30	20	3
Berth 23 Wharf apron	20	32	48	50	2.5
<b>SOUTH WHARF</b>					
24 Wharf loading ramp Except 2.5 m from the nib's edge (between chainage 244 to 241 m & 203 to 206 m) which cannot accept any live load	14	24	30	20	4
26 Wharf (Chainage 515 m to 792 m)	REFER TO PDF IMAGES IN PAGES BELOW				
27 Wharf (Chainage 0 m to 210 m)					
• Wharf apron	9	16.5	20	20	1
• Shed Floor	9	16.5	20	20	3
28 Wharf (Chainage 210 m to 293 m)					
• Within 6 m of wharf face	2	2	2	2	NIL
• Between 6 m to 14 m of wharf face	16	20	30	20	1.25
• Former shed floor	16	20	30	20	3
29 Wharf (Chainage 293 m to 440 m)					
• Within 6 m of wharf face	2	2	2	2	NIL
• Between 6 m to 14 m of wharf face	16	20	30	20	1.25
• Former shed floor	16	20	30	20	3
30 Wharf (Chainage 440 m to 632 m)					
• Apron-Concrete piled section (Chainage 440 m to 546 m)	TBA – Contact PoM				
• Apron-Timber piled section (Chainage 546 m to 632 m)	No-Go Zone				
• Shed floor	TBA – Contact PoM				
31 Wharf (Chainage 632 m to 759 m)					
• Within 8.8 m of wharf face - Light Vehicles Only (except No-Go Zone between Ch. 698 m and 741m)	3	5	NIL	NIL	NIL
• From 8.8 m to end of wharf	9	16.5	20	10	1.5
• Shed floor	9	16.5	20	14	1.5
32 Wharf apron	9	16.5	20	20	1.5
33 Wharf	20	32	36	20	1
<b>NO. 1 MARIBYRNONG</b>					
Pier head	4.2	10	15	5	0.4
Vehicular approaches	9	16.5	20	9	1.0



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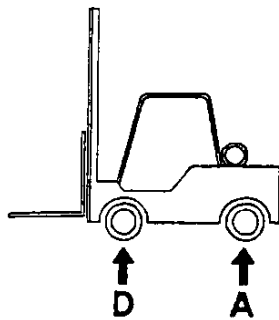
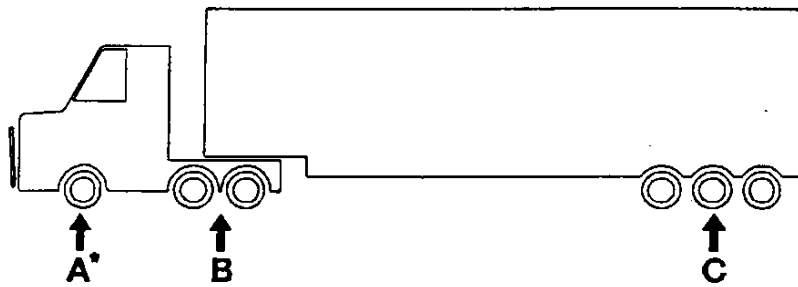
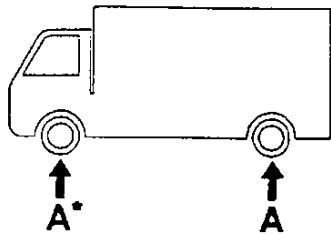
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<b>ANN STREET PIER</b>					
• Main Wharf (from pile bent 1 to 27only). No access beyond Pile Bent 27	Pedestrians Only				
• Cross Wharf (general area including behind sheet pile wall)	Pedestrians Only				
• Cross Wharf (New Hardstand)	9	16.5	20	35	1.5
• Small Boat Jetty	Pedestrians Only				
<b>BERTH No./LOCATION</b>	<b>COL. A SINGLE AXLE (T)</b>	<b>COL. B TANDEM AXLE (T)</b>	<b>COL. C TRI- AXLE (T)</b>	<b>COL. D FORK LIFT (T)</b>	<b>COL. E SPREAD LOADS (T/SQ.m)</b>
<b>APPLETON DOCK B-F</b>	REFER TO PDF IMAGES IN PAGES BELOW				
<b>HOLDEN OIL DOCK</b>					
Pier head & vehicular approaches	9	16.5	20	9	0.5
<b>YARRAVILLE</b>					
5 Wharf apron	Refer to berth operator for details				
6 Wharf apron	REFER TO PDF IMAGES IN PAGES BELOW				
<b>GELLIBRAND PIER</b>					
• Roadway (Except Approach Ramp)	9	16.5	20	9	0.9
• Approach Ramp	9	13	15	9	0.9
• Pier head	14	16.5	20	14	3
<b>BREAKWATER PIER</b>					
• Chainage 0 to 116 m	2	2	2	2	NIL
<b>WEBB DOCK EAST</b>					
1 Wharf apron	10	16.5	20	20	1
1 Stern approach	32	52	52	80	3
2 Wharf	REFER TO PDF IMAGES IN PAGES BELOW				
3 Stern approach & wharf	2	2	2	2	0.5
4 Webb Dock East					
• Wharf apron	40	60	60	120	4.5
• Terminal Pavement (between 0 m and 16 m from rear of					3.5
• Terminal Pavement (between 16 m and 62 m from rear of					5
5 Webb Dock East					
• Wharf apron	40	60	60	120	4.5
• Terminal Pavement (between 0 m and 16 m from rear of					3.5
• Terminal Pavement (between 16 m and 62 m from rear of					5
<b>WEBB DOCK WEST</b>					
1 Wharf apron	40	60*	60*	120	5
2 Wharf apron	40	60*	60*	120	5
3 Wharf apron	40	60*	60*	120	5
	* can be increased with restrictions				
<b>SHORT ROAD</b>					
Tug Berths	11.6	11.6	11.6	11.6	1
Wharf	REFER TO PDF IMAGES IN PAGES BELOW				



### Attachment 1

### Standard Load Diagram



**A = SINGLE AXLE**

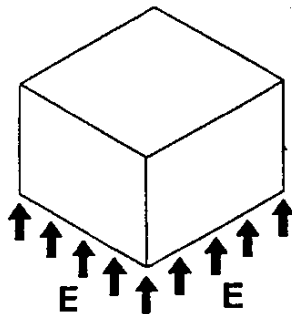
**B = TANDEM AXLE**

**C = TRI-AXLE**

**D = FORK LIFT**

**E = UNIFORM LOAD**

**\* = AXLES WITH ONLY 2 TYRES MAY BE LIMITED - SEE NOTES.**





Area Code	Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
<b>SOUTH WHARF 26</b>						
SW26_1	Within 3.7m from Wharf face and Timber wharf section	1.0	NIL	NIL	NIL	NIL
SW26_2	Area between 3.7m and 7m from wharf face	9.0	16.5	20.0	9.0	1.00
SW26_3	Beyond 7m from wharf face	9.0	16.5	20.0	20.0	1.00
SW26_4	Raised concrete deck, landings, berth dolphins	14.0	16.5	16.5	14.0	1.25
[Red Hatched Box]	No-Go Zone	No-Go Zone				

## Port Load Chart - South Wharf 26

### Version S (Dec 2025)

Revisions	
Rev.	Date
3	22/12/2025

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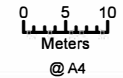
Area Code	Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
<b>WEBB DOCK EAST 2</b>						
WDE2_1	Wharf apron	Pedestrians Only				0.25
WDE2_2A	Bin Storage	6.0	0.0	0.0	0.0	0.5
WDE2_2B	Trailer Parking & small forklifts	6.0	0.0	0.0	6.0	0.5
WDE2_3	Container Storage & Plant loading	11.0	21.0	21.0	11.0	1.0
WDE2_4	SAT Storage	6.0	12.0	21.0	6.0	1.5
WDE2_5	Stern approach / Vehicle Ramp	32.0	52.0	52.0	50.0	3.0
WDE2_6	Light Vehicle Parking Area	2.0	0.0	0.0	0.0	0.5

## Port Load Chart - Webb Dock East 2

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Revisions	
Rev.	Date
1	20/05/2025

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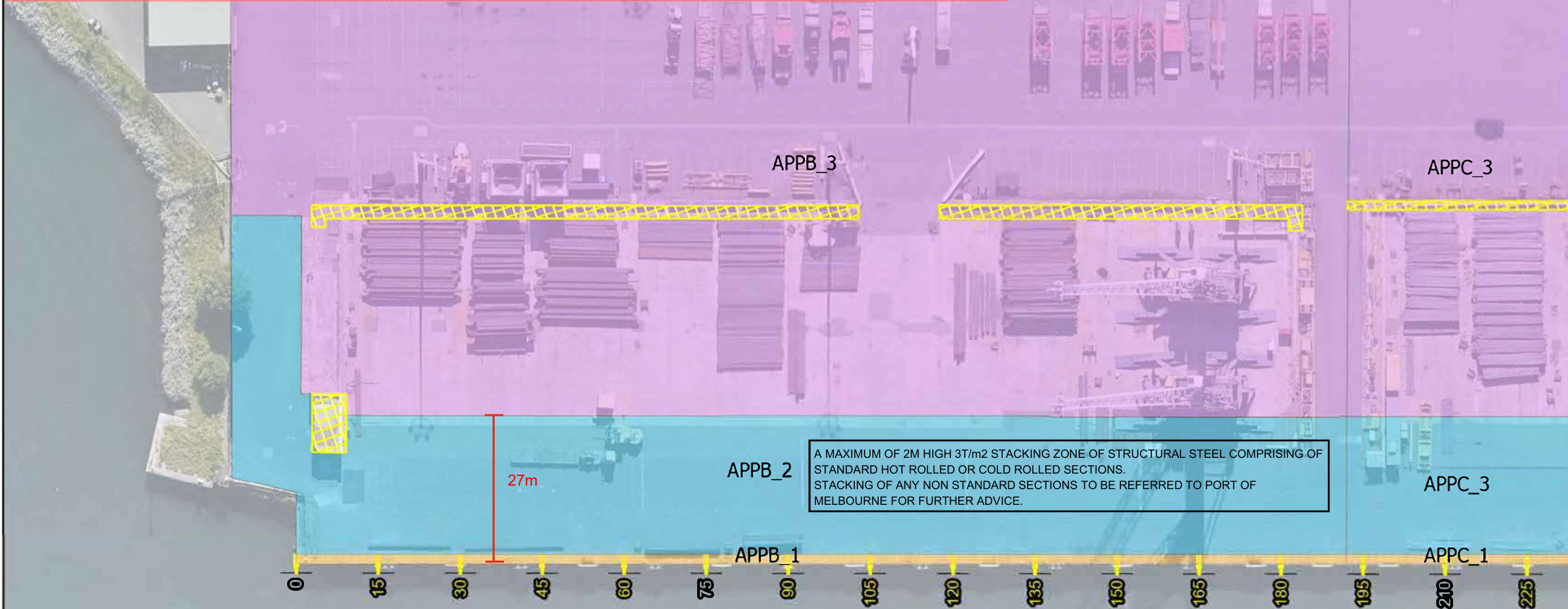


**Port of Melbourne - Port Load Chart - Appleton Dock B to F - General Notes**

Port Load Chart (PLC) is published by the Landlord setting out the maximum allowable loads permitted on ports, wharves and roads, and may be amended, replaced or updated from time to time.

The maximum load limits within the PLC apply to the Landlord's wharf structure and retaining wall structures only. If the Tenant proceeds to load the structures at the maximum allowable load limits, structures other than the wharf and retaining wall structures (for example, pavement and shed floors) could deteriorate and/or fail as they will not sustain for the increased load.

The Landlord does not represent or warrant the suitability of pavement and shed floor use at the maximum allowable load limits.



A MAXIMUM OF 2M HIGH 3T/m<sup>2</sup> STACKING ZONE OF STRUCTURAL STEEL COMPRISING OF STANDARD HOT ROLLED OR COLD ROLLED SECTIONS. STACKING OF ANY NON STANDARD SECTIONS TO BE REFERRED TO PORT OF MELBOURNE FOR FURTHER ADVICE.

Area Code	Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
<b>APPLETON DOCK B</b>						
APPB_1	Front 1.8m width of Wharf Apron	No Load Zone				
APPB_2*	Wharf Apron (laden containers on trailers only)	20.0	32.0	48.0	36.0	3.0
APPB_3*	Area behind wharf	30.0	48.0	72.0	60.0	10.0
	Pedestrains Only	Pedestrains Only				

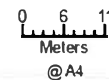
\*Refer to Port of Melbourne - Port Load Chart - Appleton Dock B to F – General Notes

**Port Load Chart - Appleton Dock B**

**Version S (Dec 2025)**

Revisions	
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3	18/12/2025

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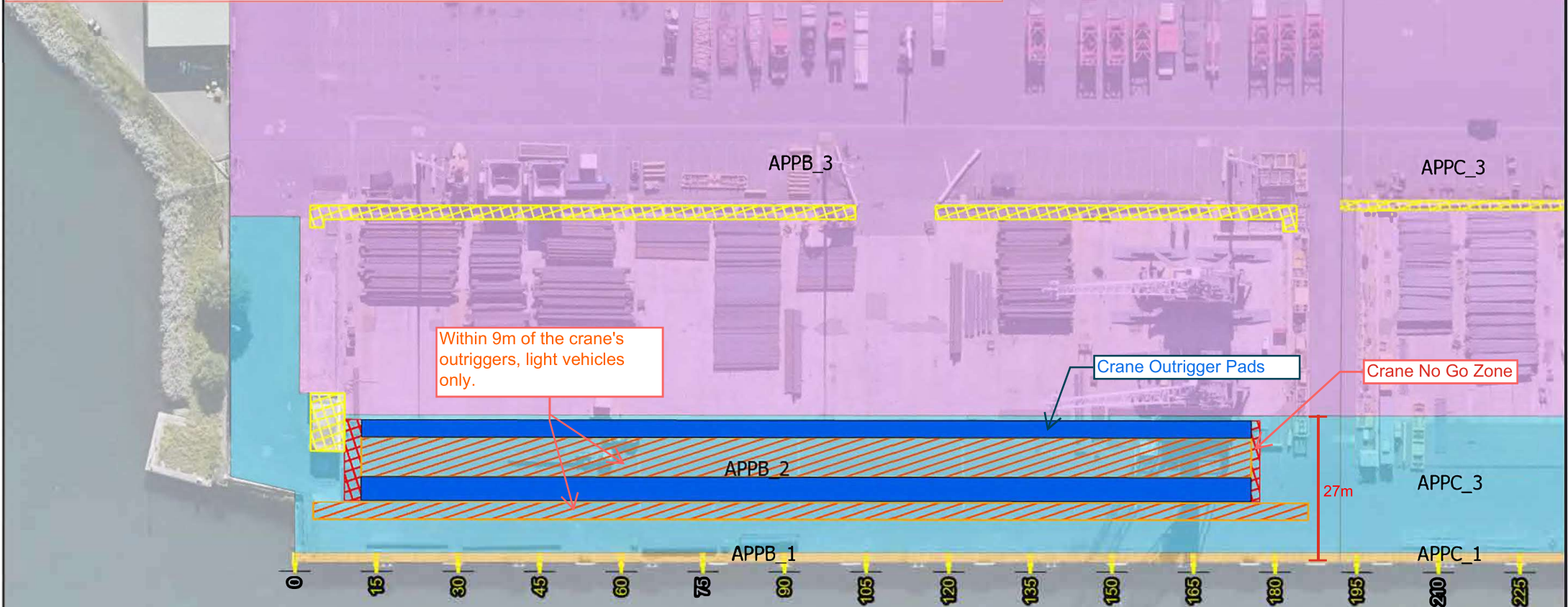


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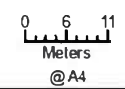
Area Code	Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
<b>APPLETON DOCK B - Crane Loads</b>						
APPB_1	Front 1.8m width of Wharf Apron	No Load Zone				
APPB_2*	Wharf Apron (laden containers on trailers only)	20.0	32.0	48.0	36.0	3.0
APPB_3*	Area behind wharf	30.0	48.0	72.0	60.0	10.0
	No-Load Zone -	Light Vehicles only - within 9m of outriggers				
	Crane No-Go Zone	Crane not allowed				
	Crane Outrigger zone	Crane pad				
	Pedestrains Only	Pedestrains Only				

\*Refer to Port of Melbourne - Port Load Chart - Appleton Dock B to F - General Notes

# Port Load Chart - Appleton Dock B

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Revisions	
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3	18/12/2025

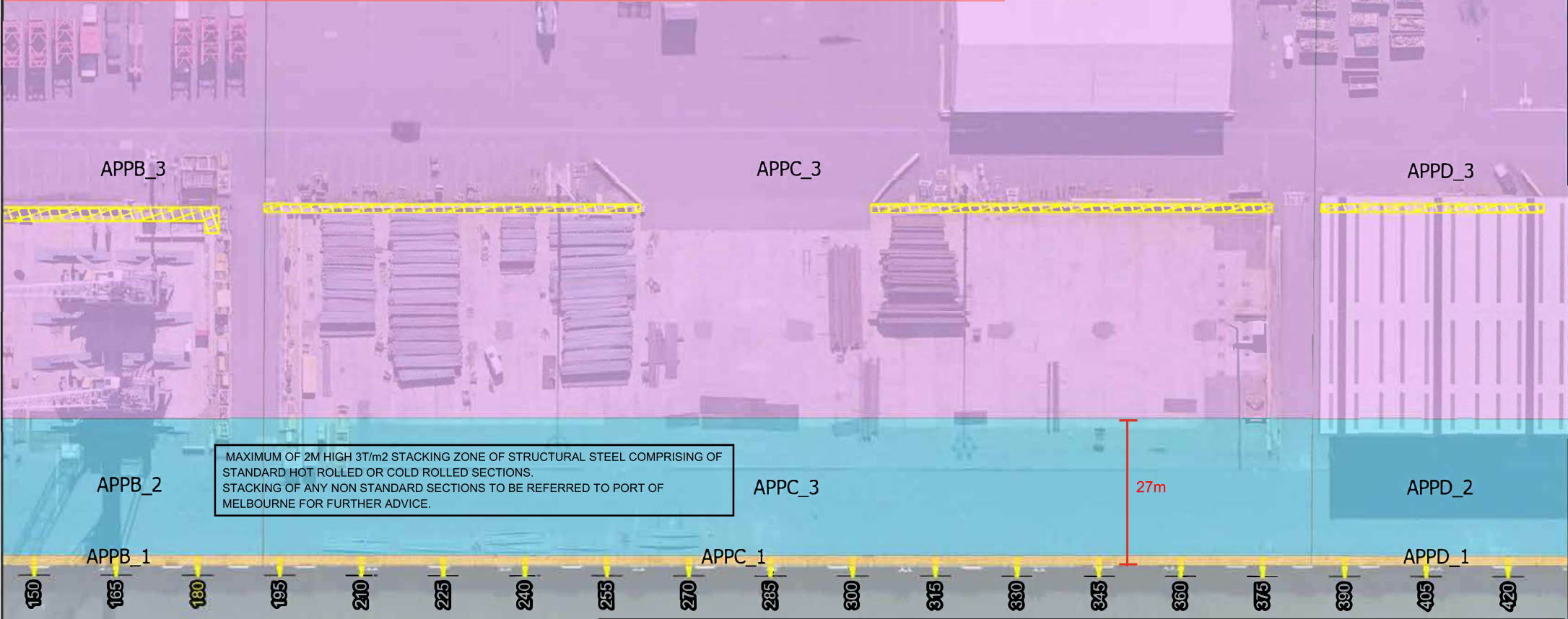
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		COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
<b>APPLETON DOCK C</b>						
APPC_1	Front 1.8m width of Wharf Apron	No Load Zone				
APPC_2*	Wharf Apron (laden containers on trailers only)	20.0	32.0	48.0	36.0	3.0
APPC_3*	Area behind wharf	30.0	48.0	72.0	60.0	10.0
	Pedestrians Only	Pedestrians Only				

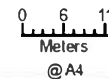
\*Refer to Port of Melbourne - Port Load Chart - Appleton Dock B to F – General Notes

**Port Load Chart - Appleton Dock C**

**Version S (Dec 2025)**

Revisions	
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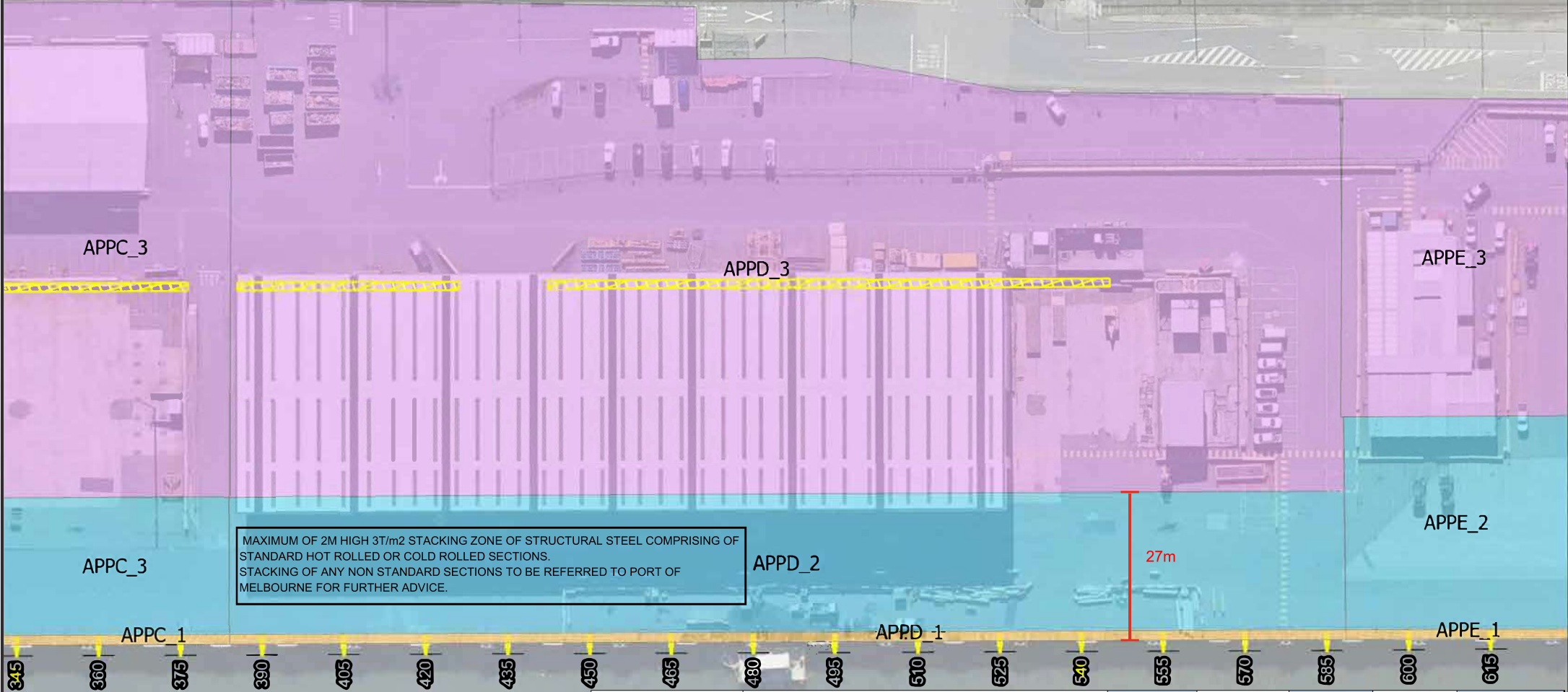


**Port of Melbourne - Port Load Chart - Appleton Dock B to F - General Notes**

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Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
<b>APPLETON DOCK D</b>					
APPD_1	Front 1.8 m width of wharf				
APPD_2*	Wharf Apron (laden containers on trailers only)				
APPD_3*	Area behind wharf				
	Pedestrains Only				
	No Load Zone				
	20.0	32.0	48.0	36.0	3.0
	30.0	48.0	72.0	60.0	10.0
	Pedestrains Only				

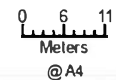
\*Refer to Port of Melbourne - Port Load Chart - Appleton Dock B to F – General Notes

# Port Load Chart - Appleton Dock D

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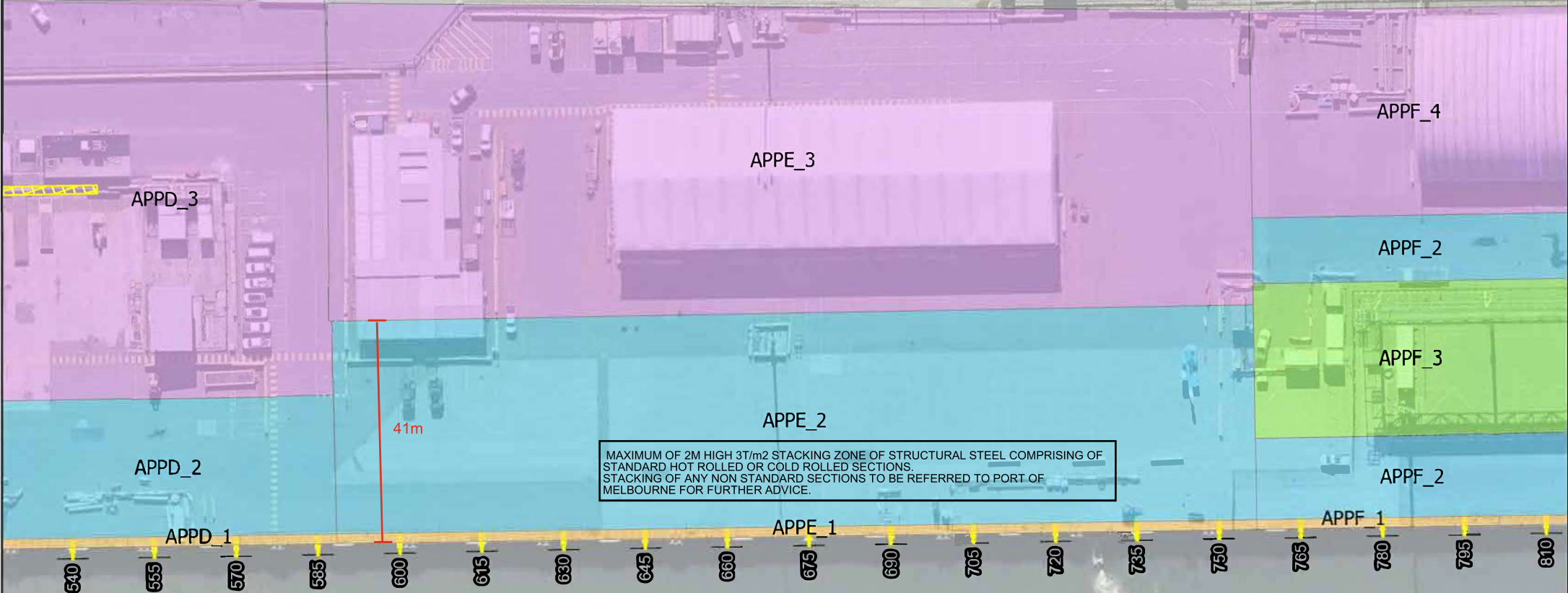


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MAXIMUM OF 2M HIGH 3T/m2 STACKING ZONE OF STRUCTURAL STEEL COMPRISING OF STANDARD HOT ROLLED OR COLD ROLLED SECTIONS. STACKING OF ANY NON STANDARD SECTIONS TO BE REFERRED TO PORT OF MELBOURNE FOR FURTHER ADVICE.

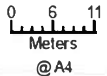
Area Code	Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
<b>APPLETON DOCK E</b>						
APPE_1	Front 1.8 m width of wharf	No Load Zone				
APPE_2*	Wharf Apron (laden containers on trailers only)	20.0	32.0	48.0	36.0	3.0
APPE_3*	Area behind wharf	30.0	48.0	72.0	60.0	10.0
*Refer to Port of Melbourne - Port Load Chart - Appleton Dock B to F – General Notes						

**Port Load Chart - Appleton Dock E**

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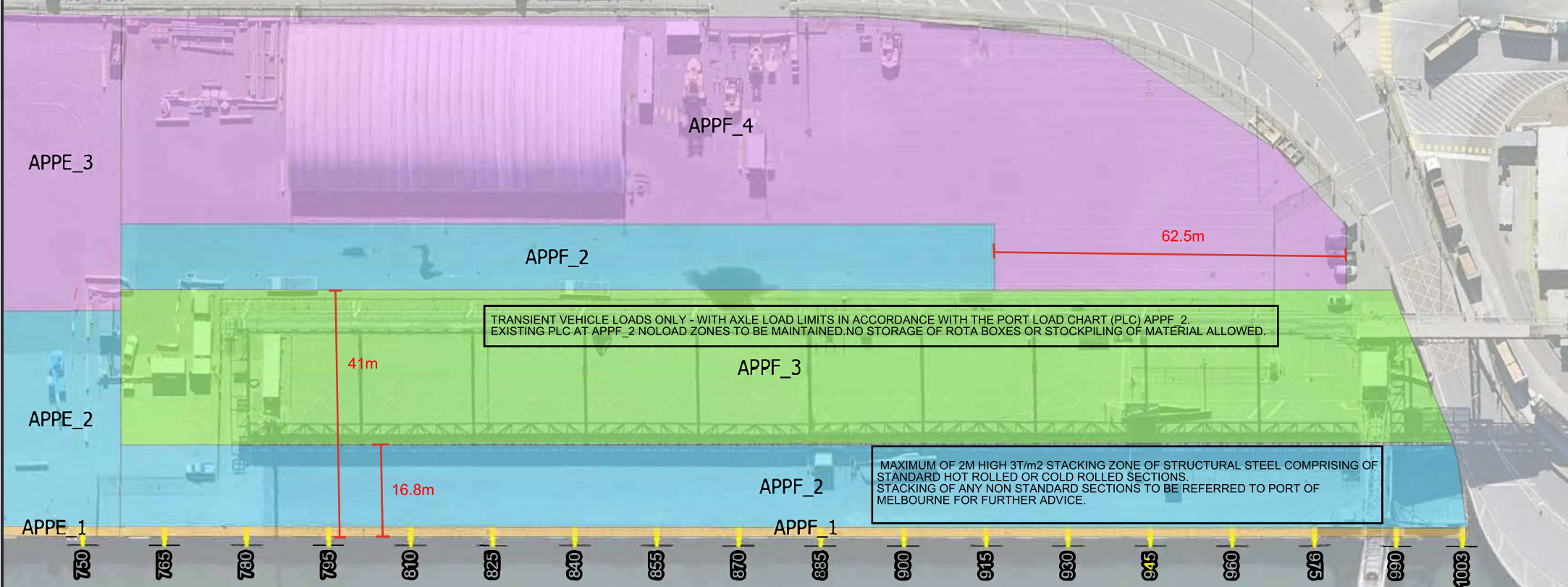


**Port of Melbourne - Port Load Chart - Appleton Dock B to F - General Notes**

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Area Code	Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
<b>APPLETON DOCK F</b>						
APPF_1	Front 1.8 m width of wharf	No Load Zone				
APPF_2*	Wharf Apron	20.0	32.0	48.0	50.0	3.0
APPF_3	Area behind wharf apron	Transient loads only, No storage of materials				
APPF_4*	Rear area of wharf	30.0	48.0	72.0	60.0	10.0

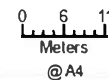
\*Refer to Port of Melbourne - Port Load Chart - Appleton Dock B to F – General Notes

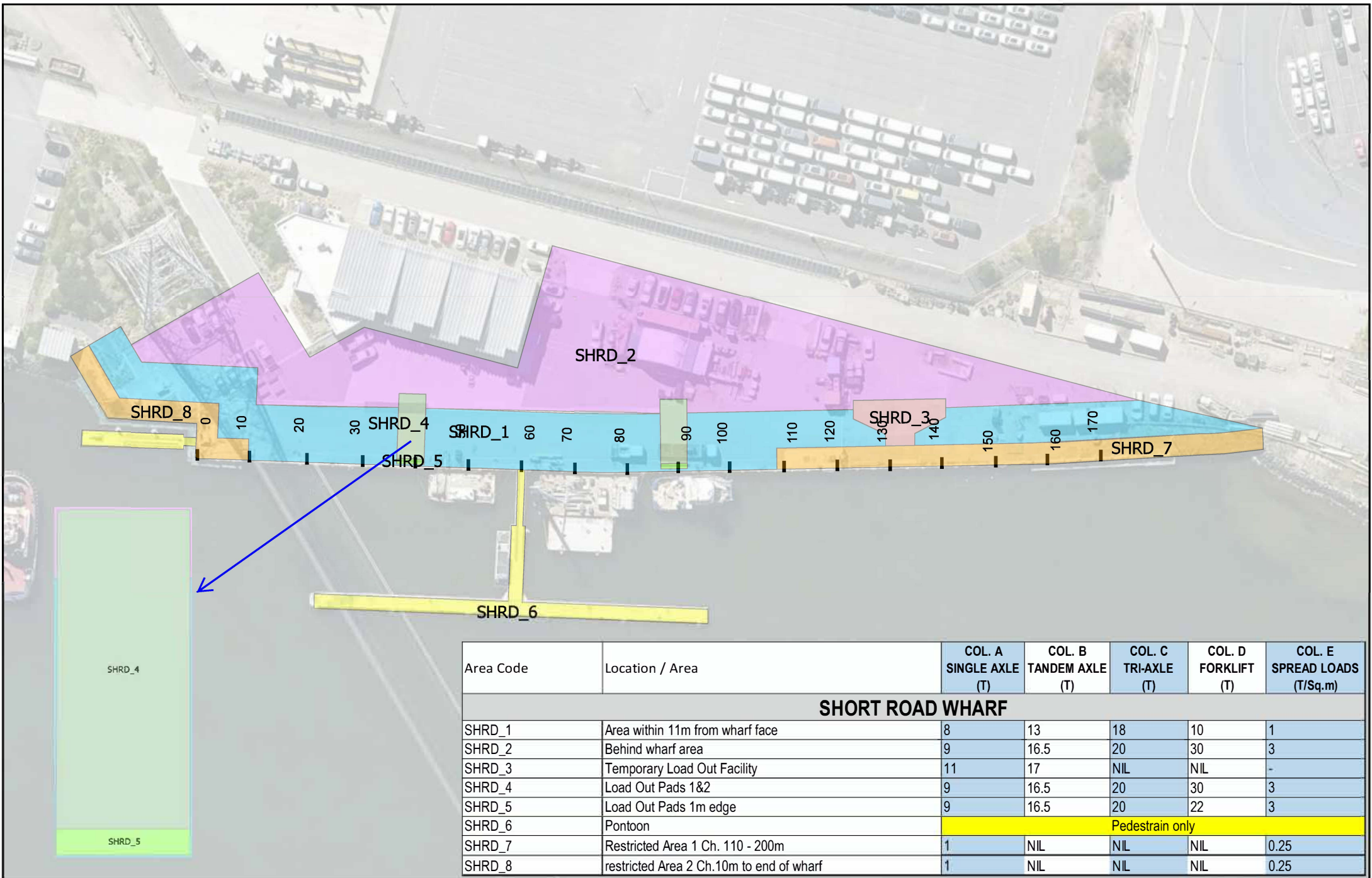
**Port Load Chart - Appleton Dock F**

**Version S (Dec 2025)**

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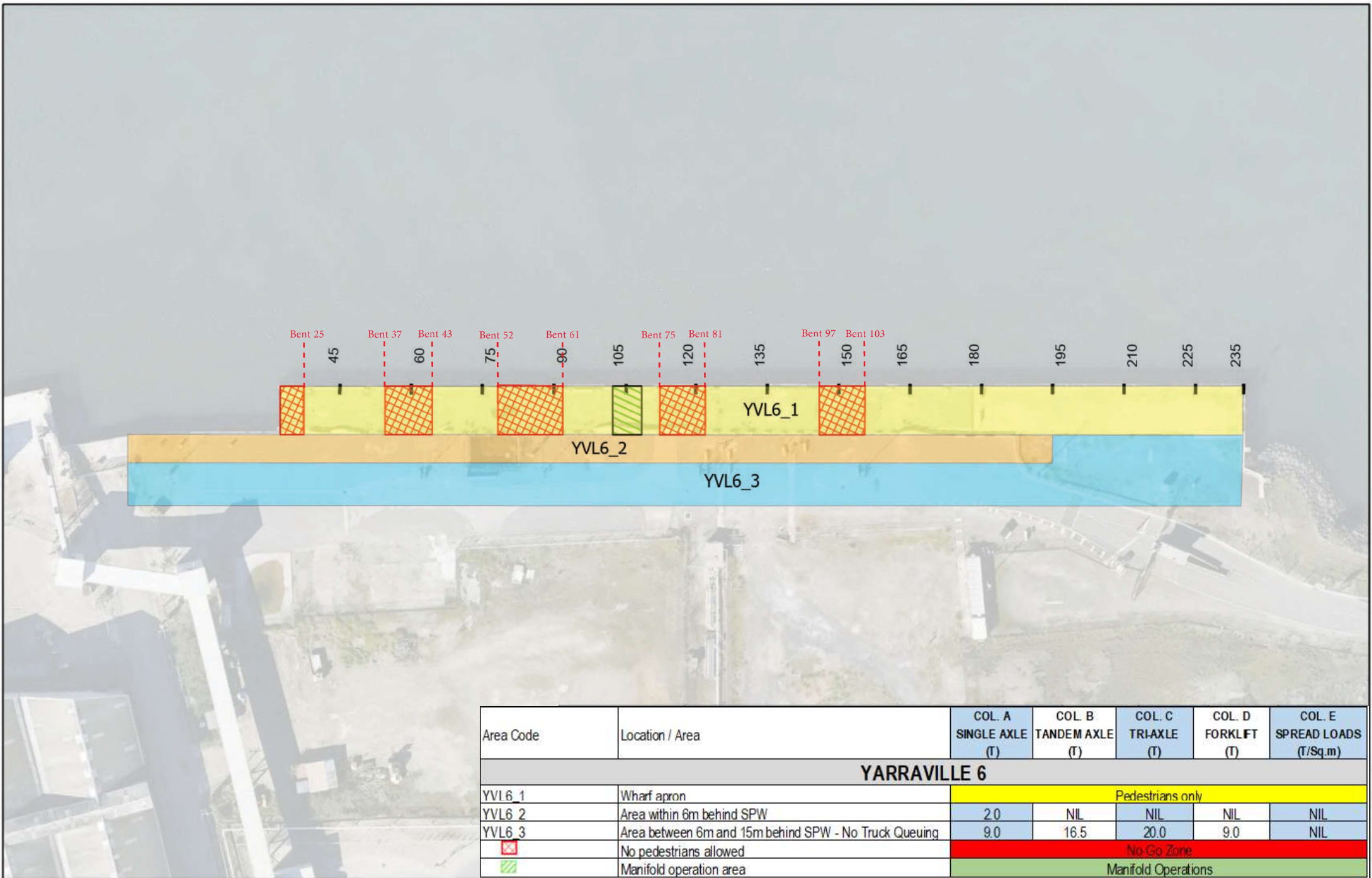
# Port Load Chart - Short Road Wharf

**Version S (Dec 2025)**

Revisions	
Rev.	Date
1	20/05/2025

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Area Code	Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRIAxLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
<b>YARRAVILLE 6</b>						
YVL6_1	Wharf apron	Pedestrians only				
YVL6_2	Area within 6m behind SPW	2.0	NIL	NIL	NIL	NIL
YVL6_3	Area between 6m and 15m behind SPW - No Truck Queuing	9.0	16.5	20.0	9.0	NIL
	No pedestrians allowed	No-Go Zone				
	Manifold operation area	Manifold Operations				

# Port Load Chart - Yarraville 6

Version S (June 2025)

Revisions	
Rev.	Date
1	30/10/2025

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