



## 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

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

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 than the above limits, allowable loads shall be reduced proportionately.

### Non-Standard Loads

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

Pedestrian loads only.

### No-Go Zone

No live loads within area (including pedestrians).

### Port Load Charts

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 SINGLE AXLE	COL. B TANDEM AXLE (T)	COL. C TRI- AXLE (T)	COL. D FORK LIFT (T)	COL. E SPREAD LOADS (T) (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-rear section	9	16.5	NIL	14	0.5
• Shed floor	16	20	30	20	3
31 Wharf (Chainage 632 m to 759 m)					
• Apron	9	16.5	NIL	14	0.5
• 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
<b>ANN STREET PIER</b>					
• Main Wharf (from pile bent 1 to 44 only, except restricted area along the wharf). No load after pile bent 44 (pedestrian only).	9	16.5	20	13	1
• Cross Wharf (general area including behind sheet pile wall)	9	NIL	NIL	9	1
• Cross Wharf (New Hardstand)	9	16.5	20	35	1.5
• Small Boat Jetty	NIL	NIL	NIL	NIL	0.5



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BERTH No./LOCATION	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI- AXLE (T)	COL. D FORK LIFT (T)	COL. E SPREAD LOADS (T/SQ.m)
<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					
• Chainage 0 to 30 m	This section of wharf is demolished				
• Chainage 30 to 235 m (Additional restrictions apply, see Notes)	9	16.5	20	9	NIL
	Bulk cargo hopper 52t gross				
<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 apron	24	40	42	34	2
2 Stern approach	32	52	52	50	3
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
• 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





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BERTH No./LOCATION	COL. A SINGLE AXLE	COL. B TANDEM AXLE (T)	COL. C TRI- AXLE (T)	COL. D FORK LIFT (T)	COL. E SPREAD LOADS (T) (T/SQ.m)
<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	1	NIL	NIL	NIL	NIL
• Chainage 110 to 200m - Light vehicles (Max 2t) only within 4m of wharf edge					
• Chainage 10 to North end of wharf - Light vehicles (Max 2t) only within 4 m of wharf edge	1	NIL	NIL	NIL	NIL
• Area within 11m from wharf face	8	13	18	10	1
• Behind wharf area	9	16.5	20	30	3
• Load Out Pads 1 & 2	9	16.5	20	30	3
• Load Out Pads 1 m edge	9	16.5	20	22	3

### Notes:

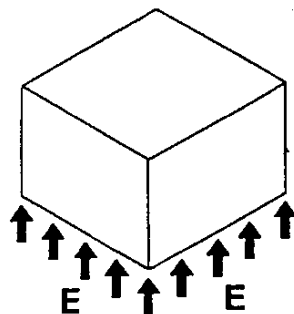
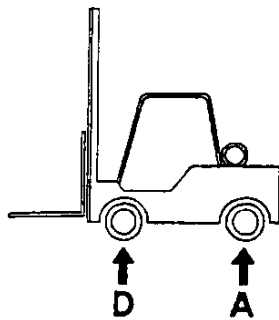
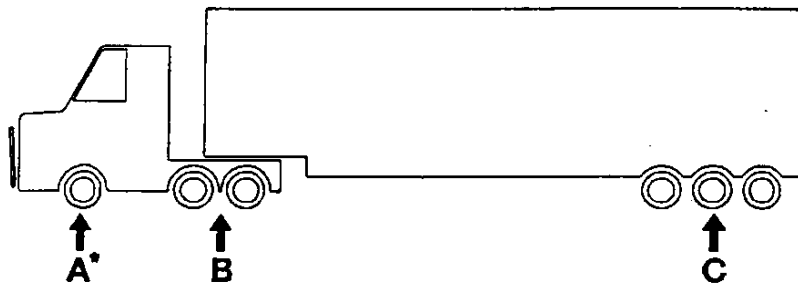
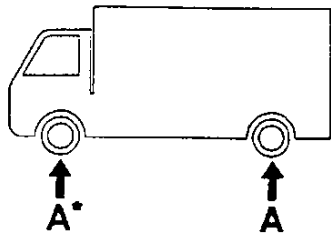
#### Yarraville 6 Operational Restrictions:

- Only pedestrian and light vehicle loading permitted within 2.8 m of wharf edge
- The storage of materials or equipment on the wharf is strictly prohibited
- Hoppers may not be operated within 10 meters of each other (clear spacing), and only one hopper may be loaded at any time
- Hoppers shall not be re-loaded until the laden truck has departed
- One truck only may be permitted to operate on the wharf at a given time
- Loaded trucks are to depart the facility in a timely manner
- Queuing of trucks is not permitted either on the wharf or within 15m behind the sheet pile wall (rear of wharf apron)



## Attachment 1)

### Standard Load Diagram



**A = SINGLE AXLE**

**B = TANDEM AXLE**

**C = TRI-AXLE**

**D = FORK LIFT**

**E = UNIFORM LOAD**

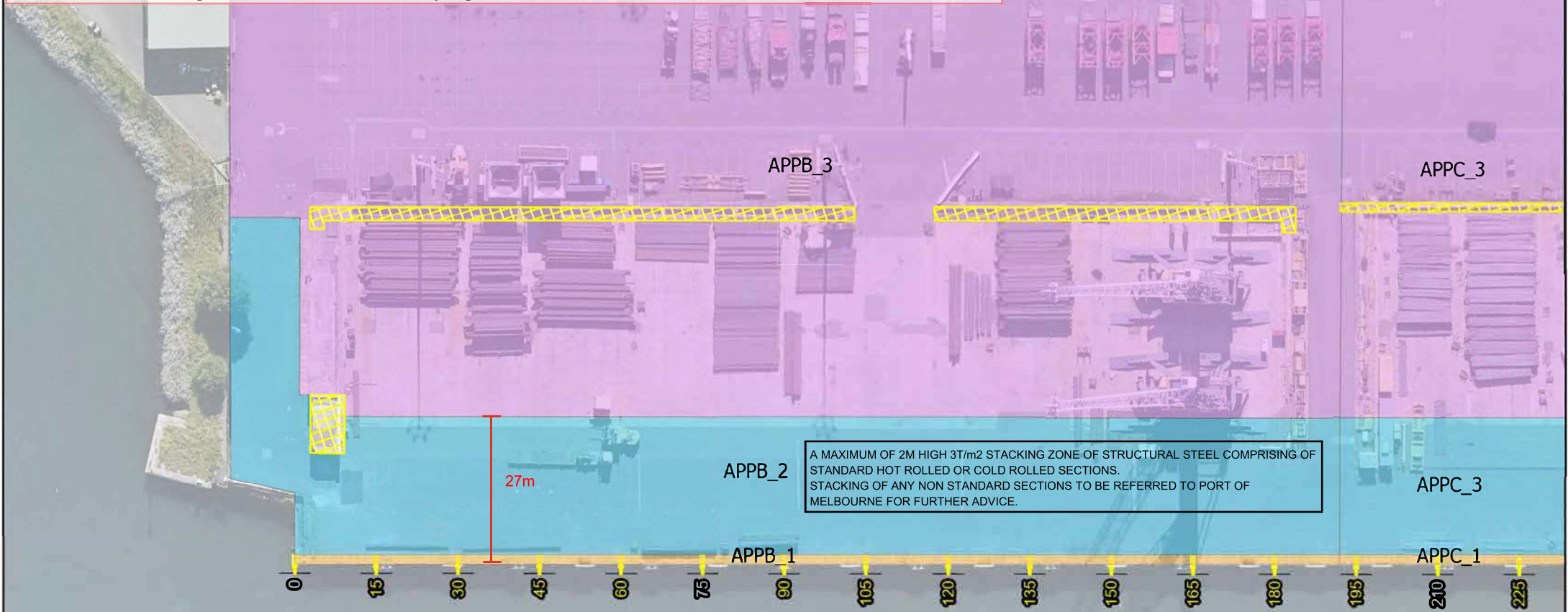
**\* = AXLES WITH ONLY 2 TYRES MAY BE LIMITED - SEE NOTES.**



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
	No-Go Zone	No-Go Zone				

**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.



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)
APPLETON DOCK 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	
Rev.	Date
3	18/12/2025

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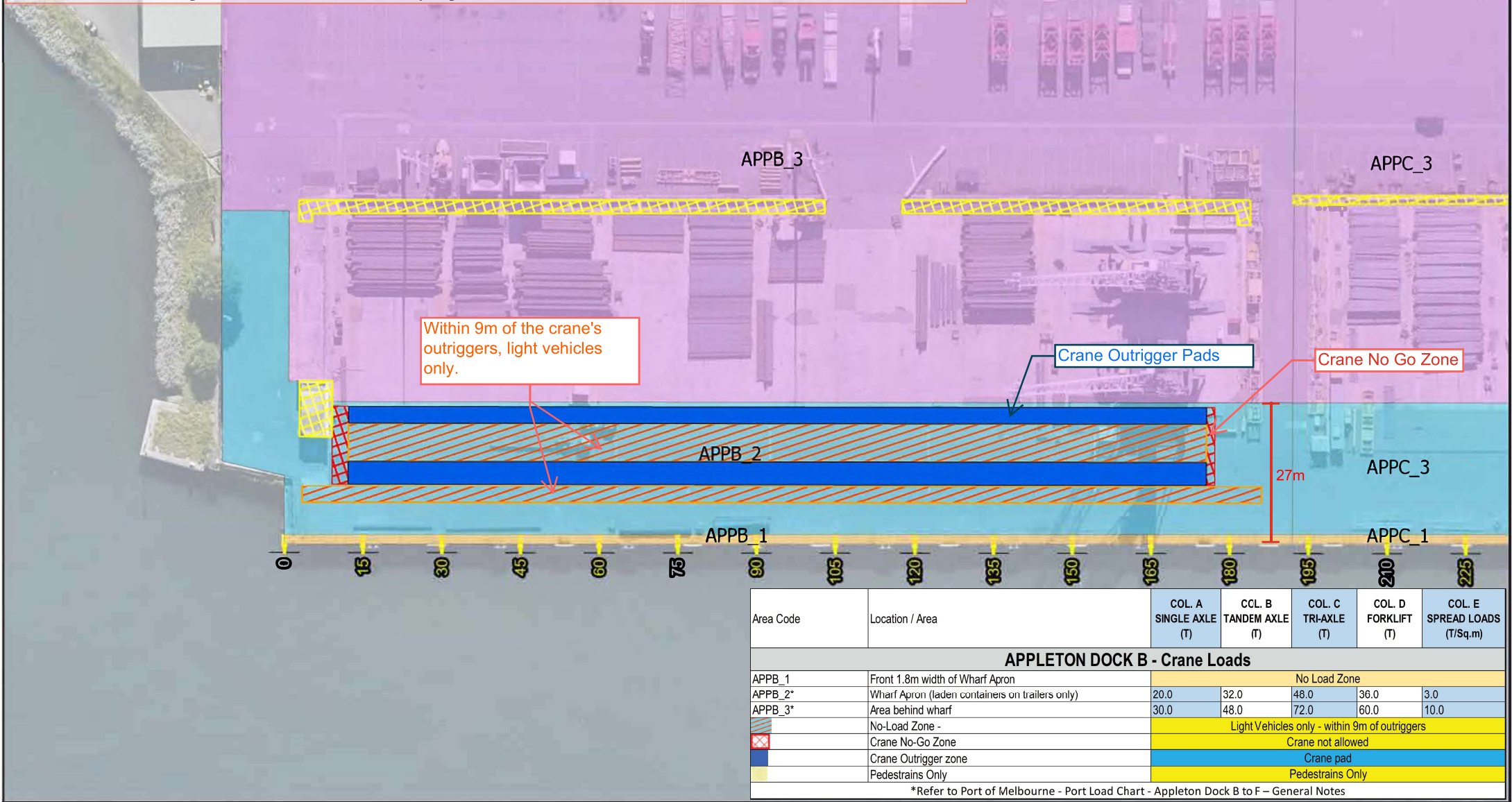


Port of Melbourne - Port Load Chart - Appleton Dock B to F - General Notes

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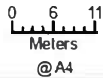


# Port Load Chart - Appleton Dock B

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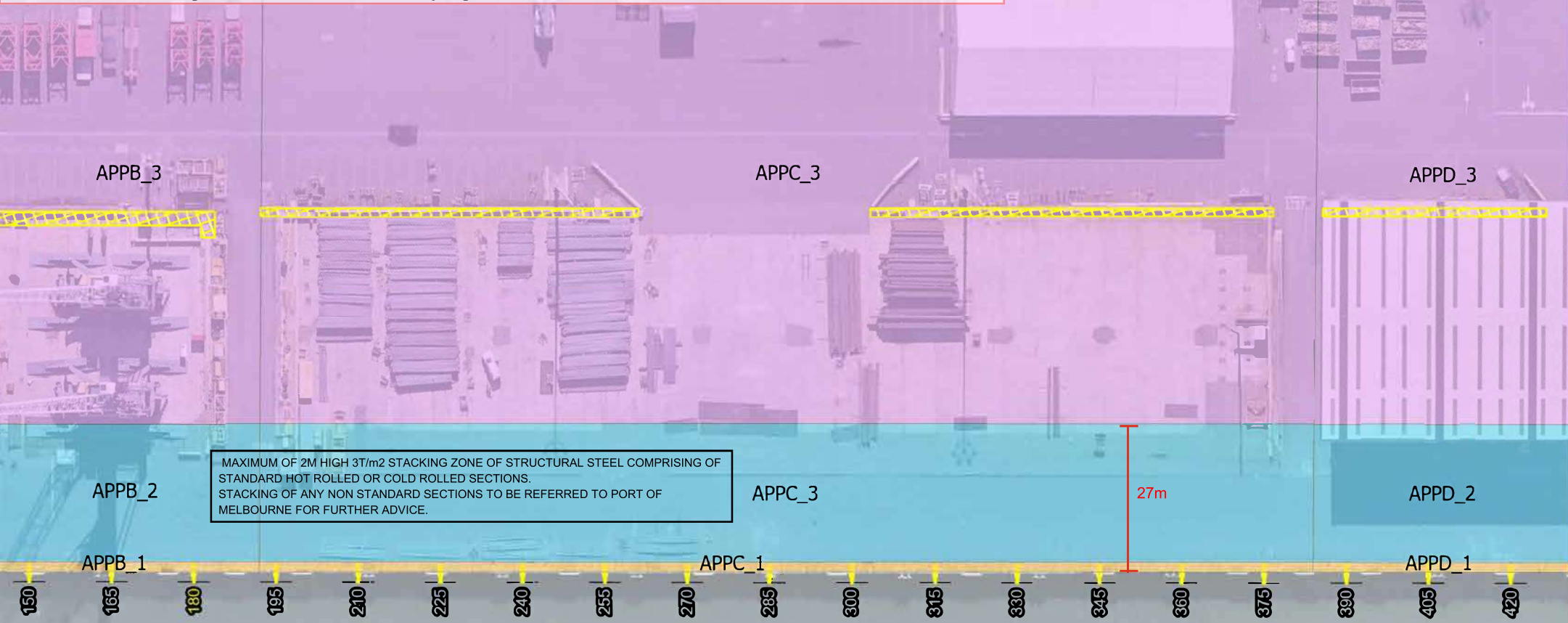


Port of Melbourne - Port Load Chart - Appleton Dock B to F - General Notes

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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.

		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)
APPLETON DOCK C						
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
	Pedestrains Only	Pedestrains Only				
*Refer to Port of Melbourne - Port Load Chart - Appleton Dock B to F – General Notes						

Port Load Chart - Appleton Dock C

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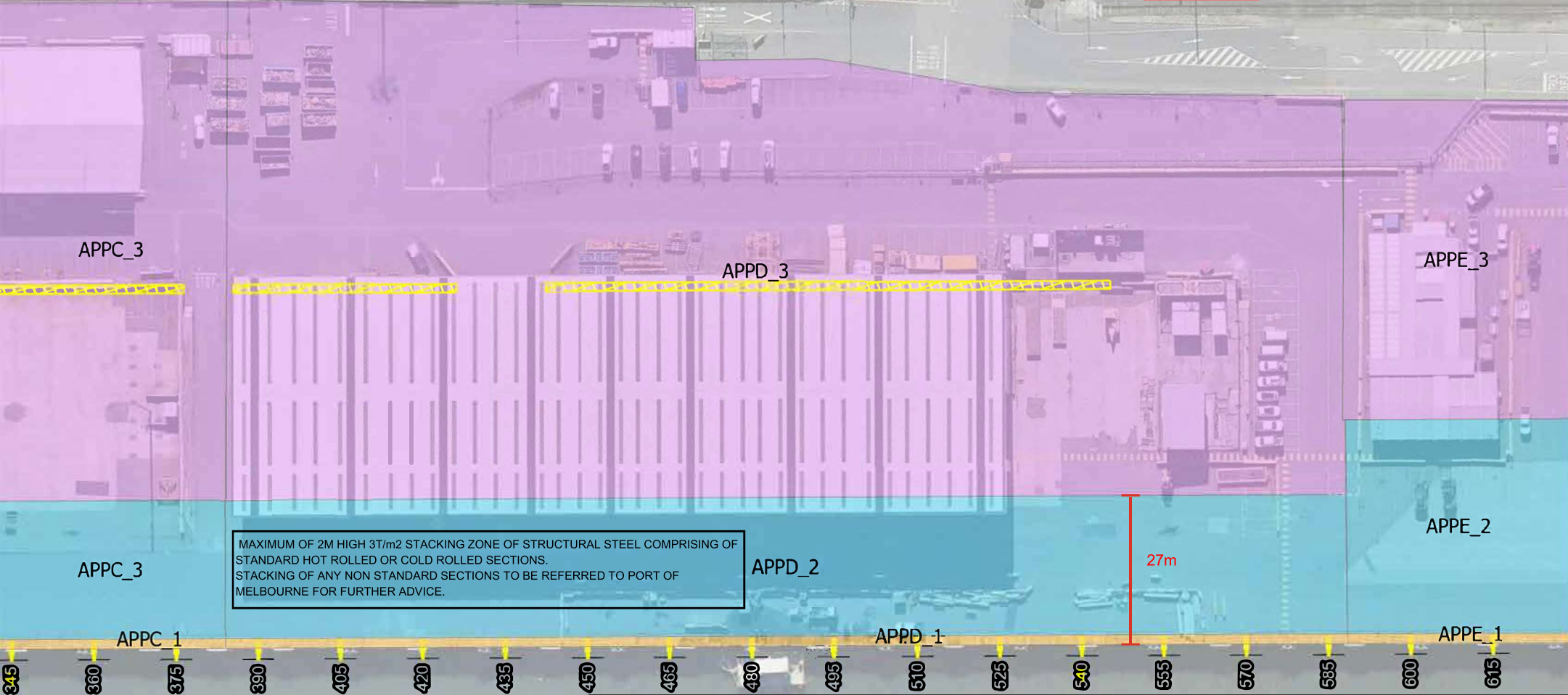


Port of Melbourne - Port Load Chart - Appleton Dock B to F - General Notes

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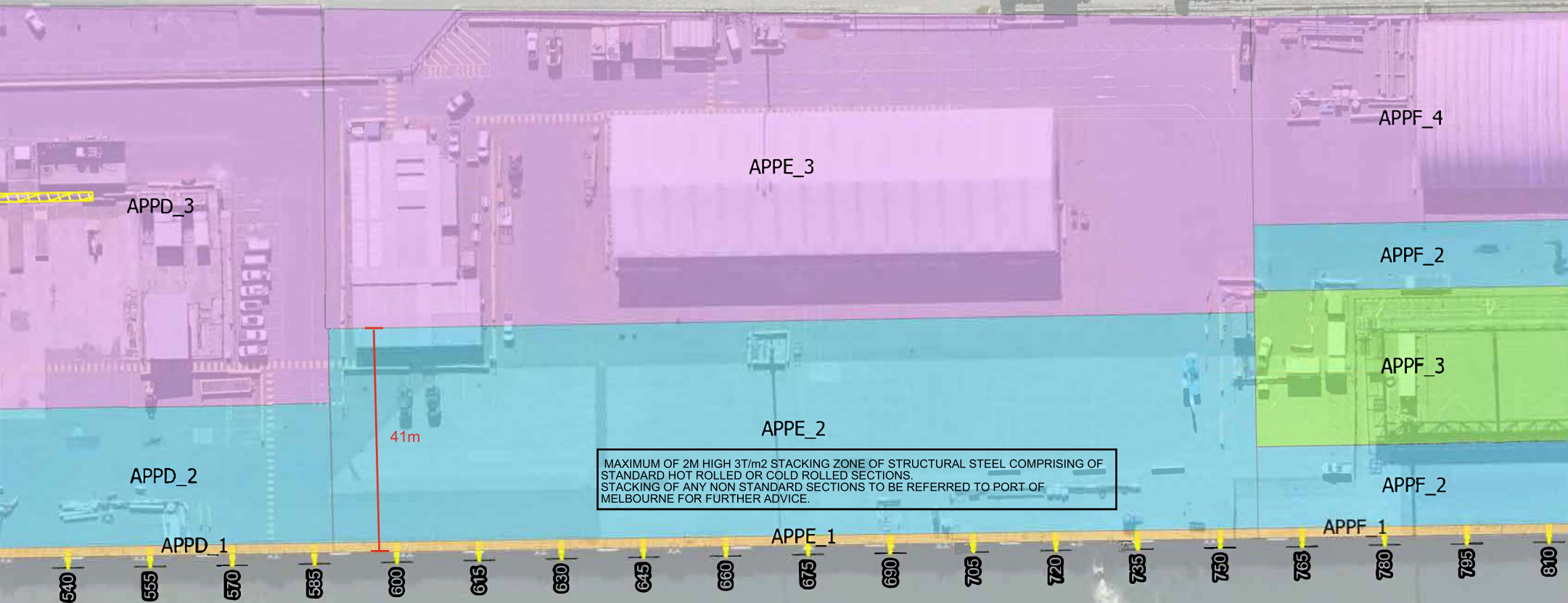
	Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
APPLETON DOCK D						
APPD_1	Front 1.8 m width of wharf	No Load Zone				
APPD_2*	Wharf Apron (laden containers on trailers only)	20.0	32.0	48.0	36.0	3.0
APPD_3*	Area behind 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 of Melbourne - Port Load Chart - Appleton Dock B to F - General Notes

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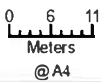


Area Code	Location / Area	COL. A SINGLE AXLE (T)	COL. B TANDEM AXLE (T)	COL. C TRI-AXLE (T)	COL. D FORKLIFT (T)	COL. E SPREAD LOADS (T/Sq.m)
APPLETON DOCK E						
APPE_1	Front 1.8 m width of wharf	No Load Zone				
APPE_2*	Wharf Apron (laden containers on trailers only)	20.0	32.0	48.0	36.0	3.0
APPE_3*	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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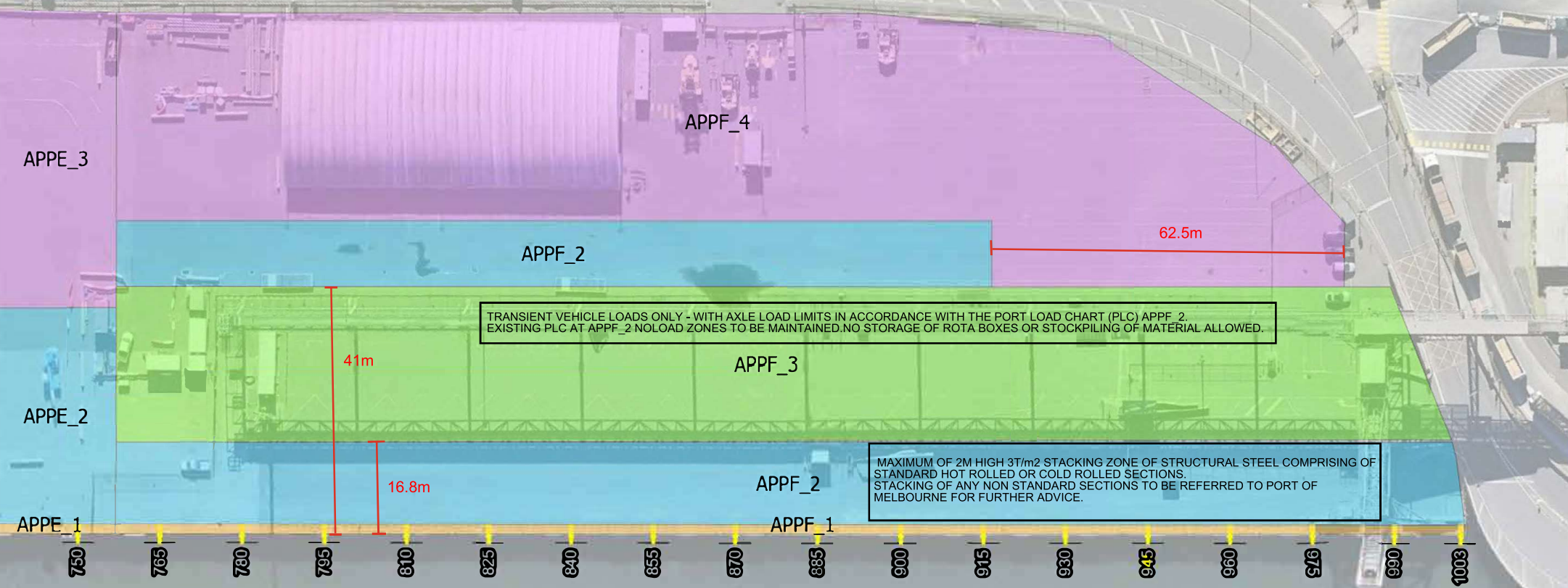


Port of Melbourne - Port Load Chart - Appleton Dock B to F - General Notes

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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)
APPLETON DOCK F						
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						

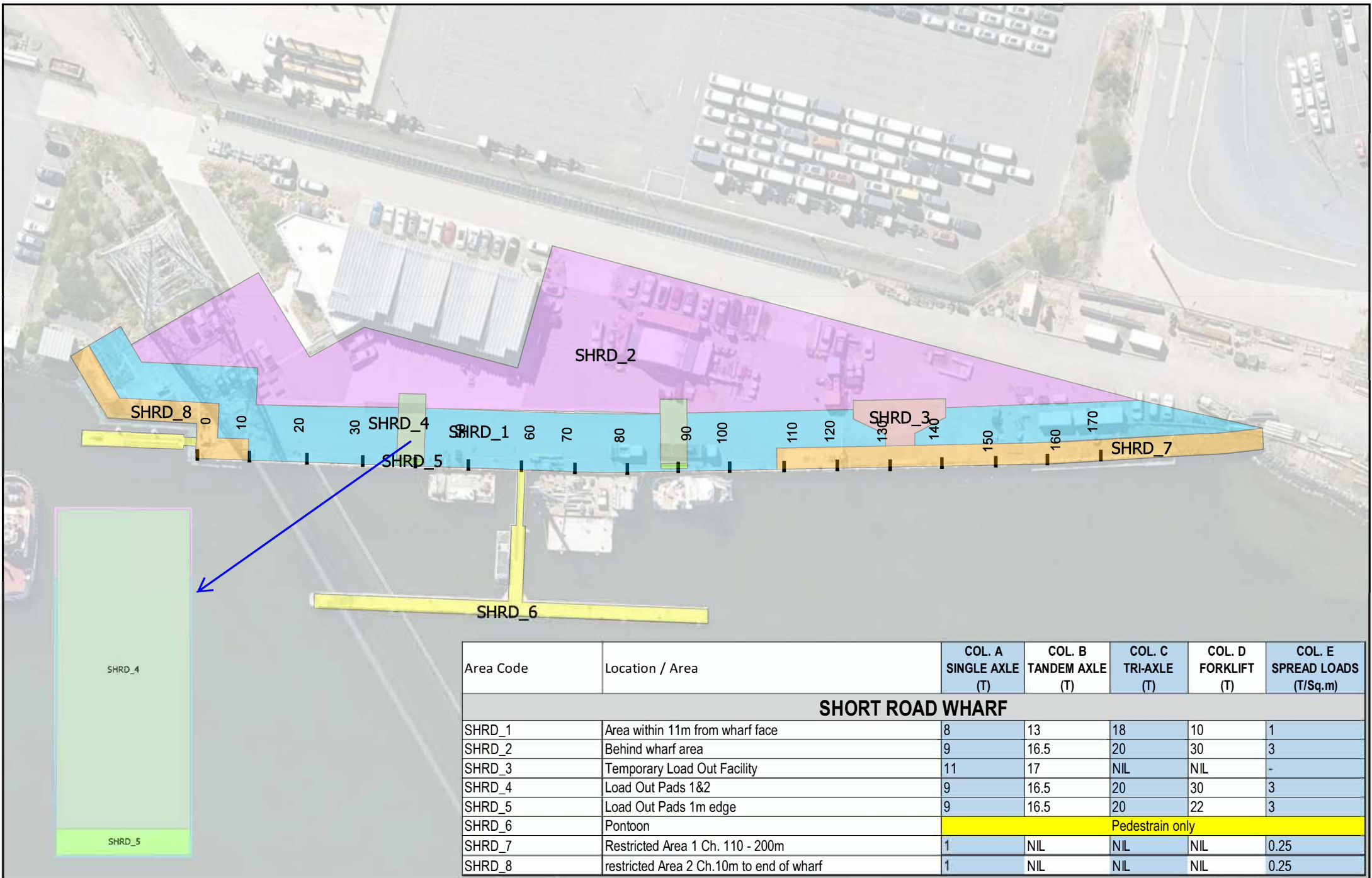
Port Load Chart - Appleton Dock F

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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)
SHORT ROAD WHARF						
SHRD_1	Area within 11m from wharf face	8	13	18	10	1
SHRD_2	Behind wharf area	9	16.5	20	30	3
SHRD_3	Temporary Load Out Facility	11	17	NIL	NIL	-
SHRD_4	Load Out Pads 1&2	9	16.5	20	30	3
SHRD_5	Load Out Pads 1m edge	9	16.5	20	22	3
SHRD_6	Pontoon	Pedestrian only				
SHRD_7	Restricted Area 1 Ch. 110 - 200m	1	NIL	NIL	NIL	0.25
SHRD_8	restricted Area 2 Ch.10m to end of wharf	1	NIL	NIL	NIL	0.25

Port Load Chart - Short Road Wharf

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