TECHNICAL GUIDANCE NOTE – BRIDGE SECTIONS USING PLETTAC METRIX PULL BACK BRACING

General Description:

The table below indicates the permissible number of boarded levels (2.0m lift heights) allowed to be installed above a bridge section, when utilising PLETTAC METRIX System Vertical Diagonal Braces in a 'Pull Back' configuration.

The following considerations are made:

1. A maximum bay length of 2.5m.
2. A maximum bay width of 1.0m
3. A maximum inside Console Hop-up Bracket width of 0.7m, fitted at platform level only.
4. One number level of pull back bracing positioned to the base level of the bridge section.
5. A maximum of 6.0m from the base of the grounded vertical standards to the underside of the pull back bracing level.
6. Load classes based on BS EN 12811-1:2003; Section 6.1.3; Table 3. Maximum of one platform with 100% loading with a second platform at 50% loading.

No of Levels from Pull Back Bracing (max 2.0m Lift Heights)		
	Length of Pull Back Bridge	
Load Class	**5.0m**	**7.5m**
1 (0.75 kN/m²)	19	7
2 (1.00kN/m²)	18	6
3 (2.00kN/m²)	17	5
4 (3.00kN/m²)	14	4

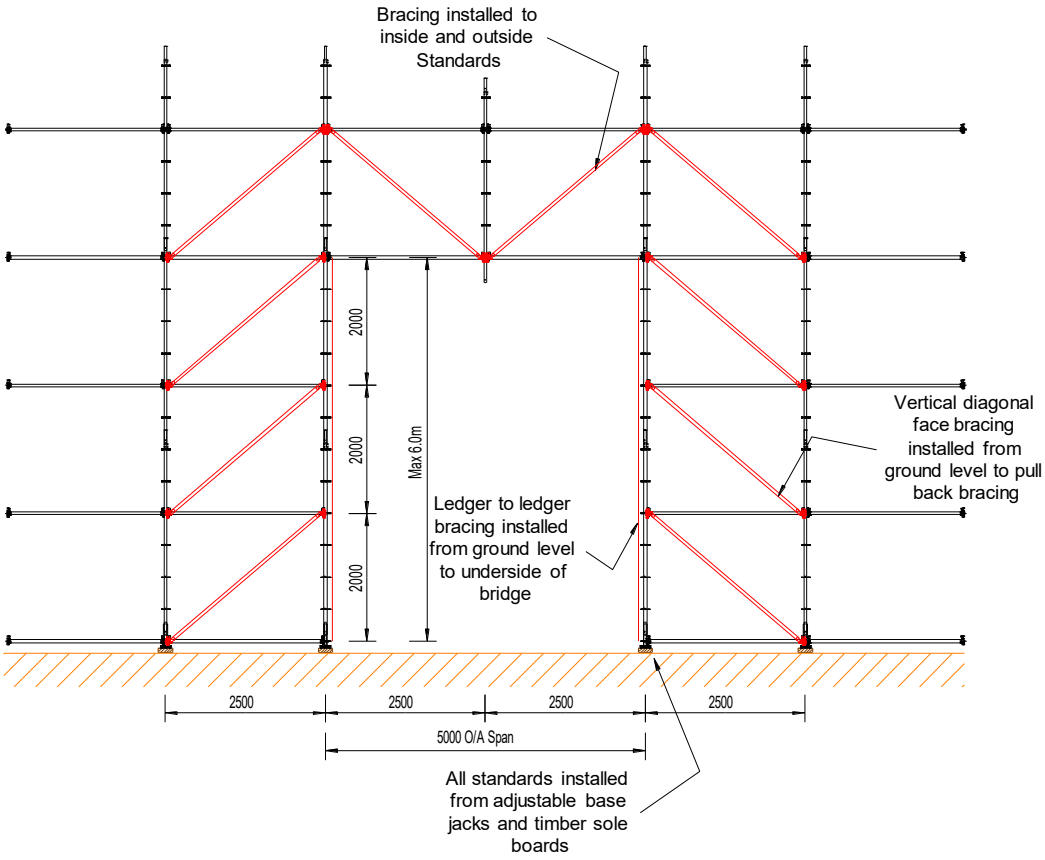
Notes:

1. When referencing the table above careful attention must be made to figures 1 and 2 (pages 2 and 3).
2. Scaffold stability and tie patterns along with any wind-sail (sheeting, etc.) details must be considered in addition to the use of the table.

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Installation Diagrams:

Figure 1: 5.0m Pull Back Arrangement

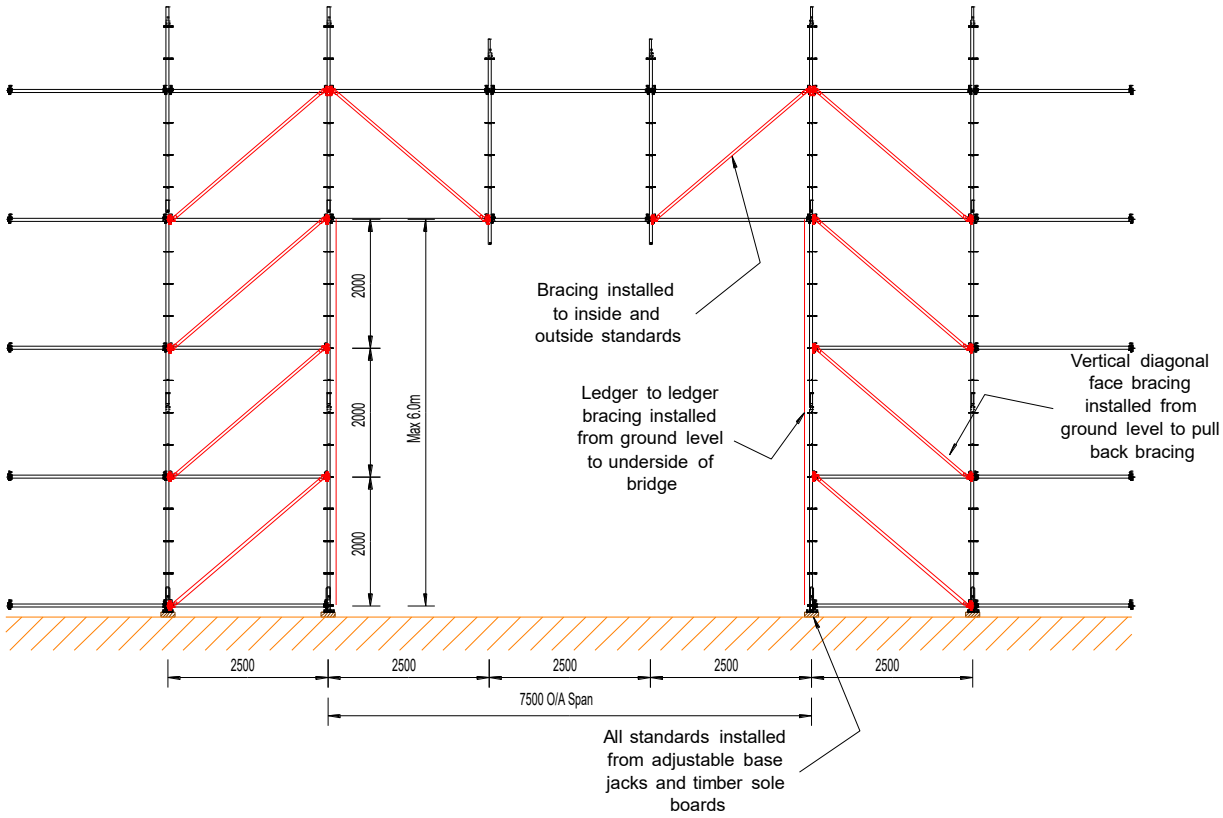


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Installation Diagrams:

Figure 2: 7.5m Pull Back Arrangement



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