Cantilever Scaffolding Assembly Method
Cantilever Assembly Method

1. Build an AFFIX Ladder span 1350 (Double Width) tower to required platform height exactly as described in the AFFIX Double Width Assembly Method.

2. Fit 2 fixed decks to the first and second rungs of the tower on the opposite side to the access ladder.

3. Next, evenly load both fixed decks as fitted in step 2 with the appropriate ballast weights.

4. At this stage, install tubing to the uprights on opposite side of the tower to the Cantilever frames at each frame joint using couplers placed either side of the frame joints to prevent pull out.

5. Attach 2 no AFFIX cantilever frames to the uprights of the AFFIX Double Width tower using swivel couplers.

6. Ensure both cantilever frames are in line with the AFFIX tower uprights and the bottom rung of the cantilever frame is at the same level as the working platform rung on the tower.

7. Working from behind the existing tower guardrail, place additional handrail braces on the top rung and middle rung of the cantilever frame to provide handrails on cantilever deck.

8. It is now possible to locate a AFFIX fixed deck on the bottom rung of the cantilever frame by sliding the deck underneath the tower handrail on the tower, locate the deck against the "stop rings" on the cantilever frame.

9. Next, locate the cantilever infill deck between the tower deck and the cantilever deck, some repositioning of the existing decks may be necessary to ensure correct location of the infill deck.

10. Remove the existing upper & lower handrail braces on cantilever side of tower and repinion on corresponding uprights of cantilever frame for temporary storage until required to dismantle the structure.

11. Fit an additional diagonal brace from bottom rung of the left hand cantilever frame to top rung of the opposite cantilever frame close to the outside uprights of the cantilever frames.

12. Fit toe boards to the cantilever deck & tower working platform.

Cantilever Assembly Method for Tunnel Job.

Build an AFFIX Ladder span 1350 (Double Width) tower to required platform height exactly as described in the AFFIX Double Width Assembly Method. Fix the 4 jacks to ceiling of tunnel to give strength to tower. This fixing of jack is alternative to keeping ballast weights. Then follow the normal cantilever assembly method from point (4) till point (12). Once done fix 2 additional stabilizers to the wall of tunnel also.

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