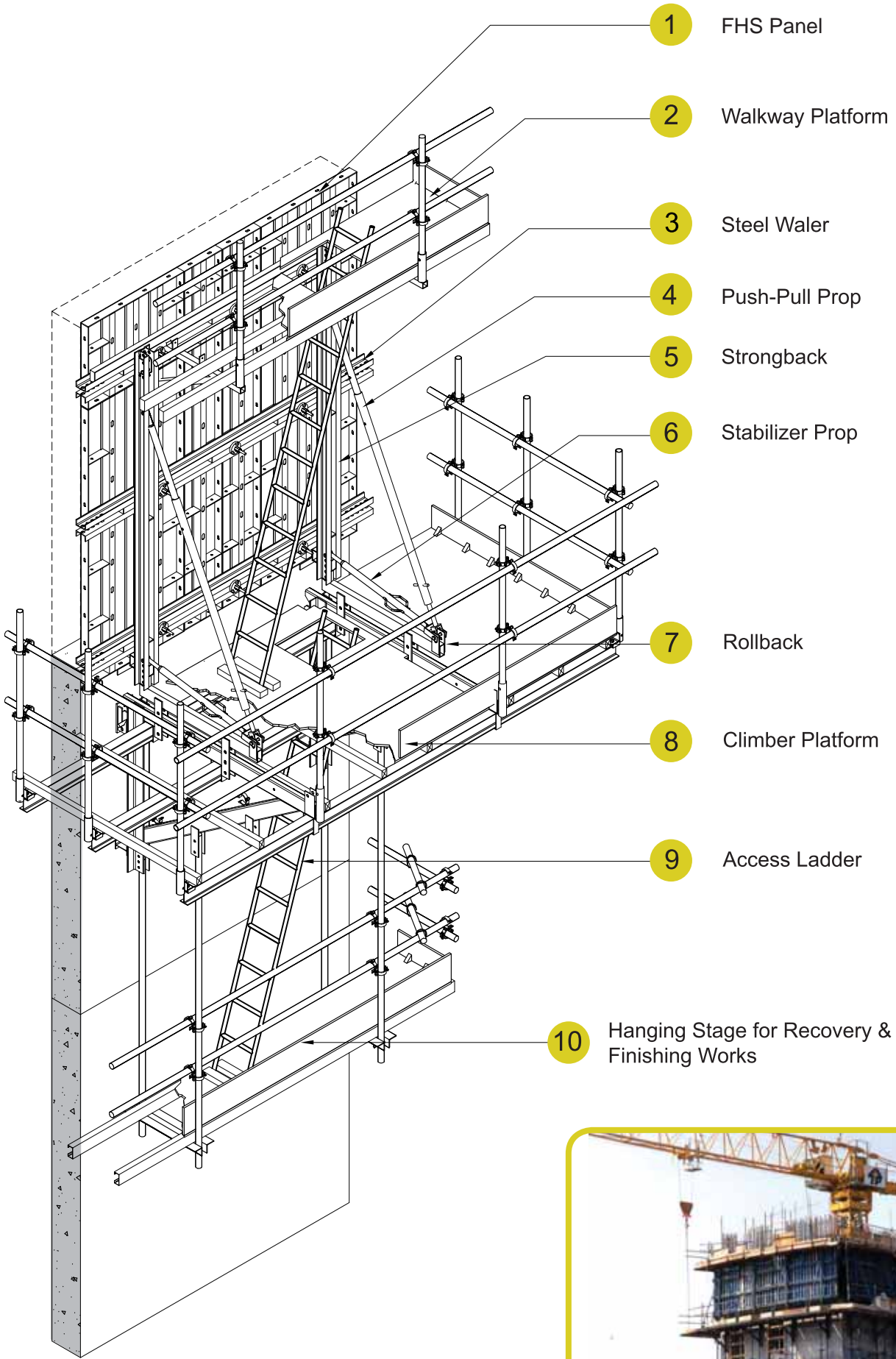
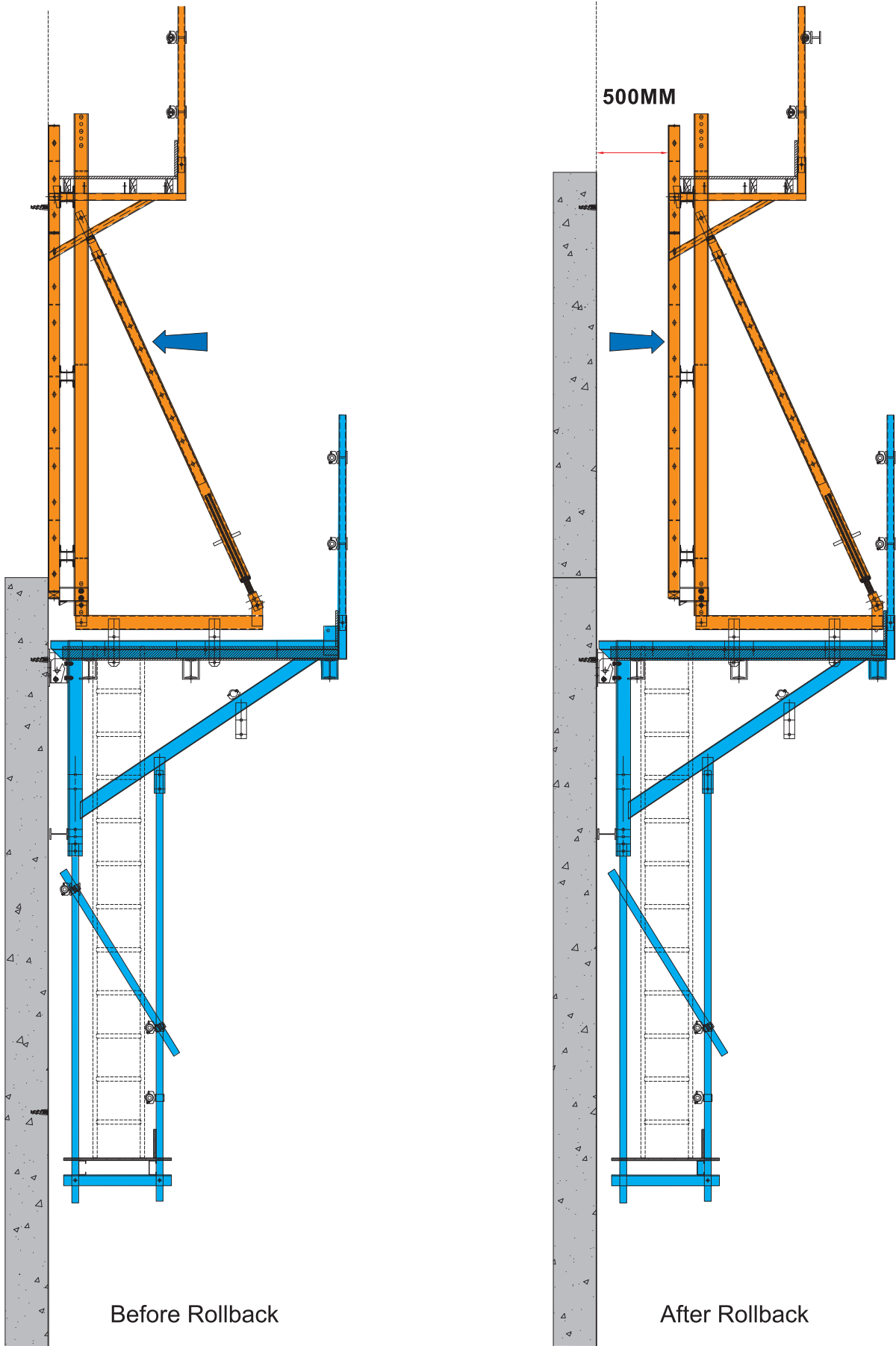


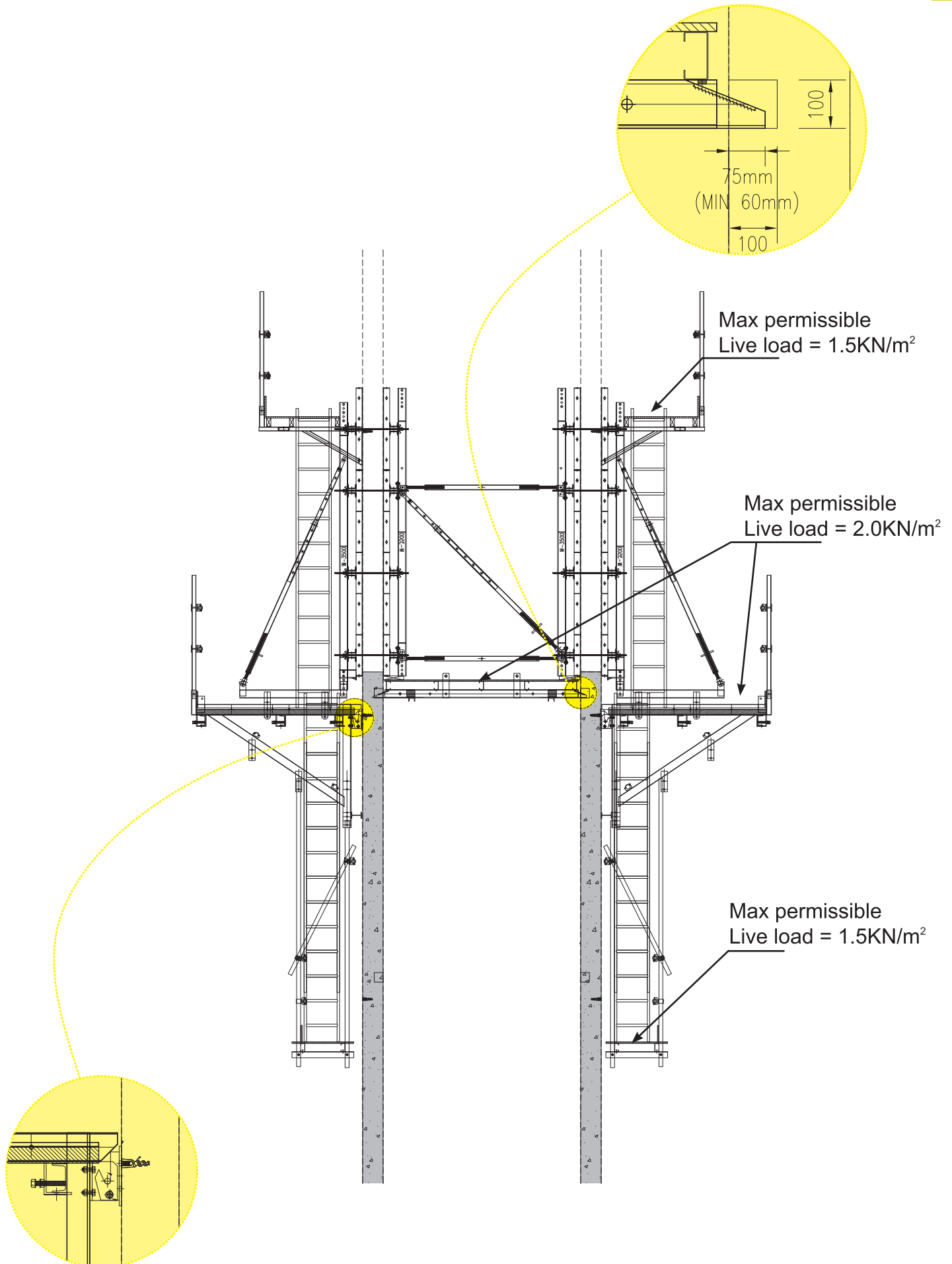
TYPICAL VERTICAL FORMWORK



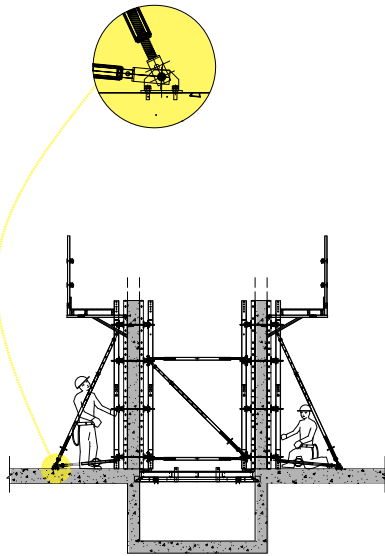
ADVANTAGES OF VERTICAL FORMWORK



SECTIONAL VIEW OF VERTICAL FORMWORK

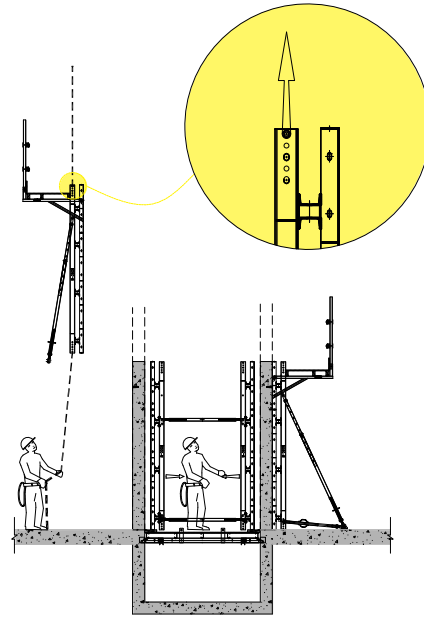


ERECTION & CLIMBING PROCEDURE



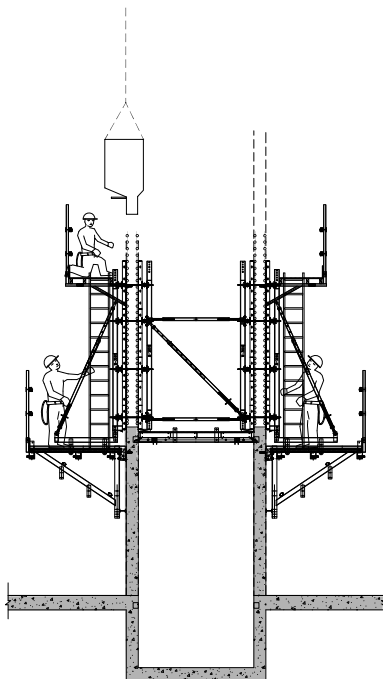
STAGE - 1

- (1.1) Remove all wing nut and ties except top tie.
- (1.2) Remove corner panel.



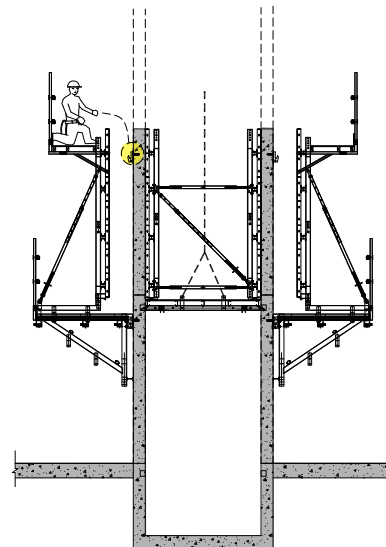
STAGE - 2

- (2.1) Detach props from footplate.
- (2.2) Shorten props to avoid accidental kicking against the platform during re-erection.
- (2.3) Attach lifting hook to strongback and remove top tie and lift formwork.



STAGE - 5

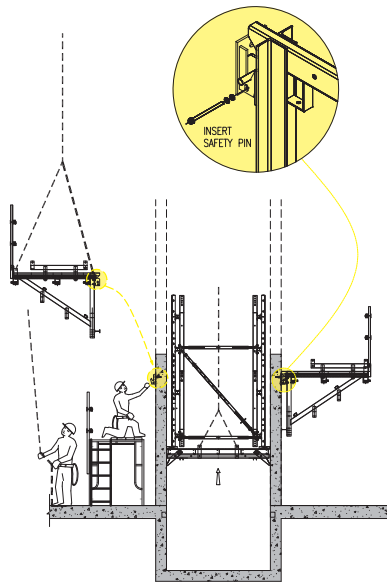
- (5.1) Close up the formwork and check plumbness and ties before casting.
- (5.2) During casting, ensure that rate of pour does not exceed the design requirement.
- (5.3) During casting, also ensure that there is proper vibration around the recoverable anchor to give full strength.



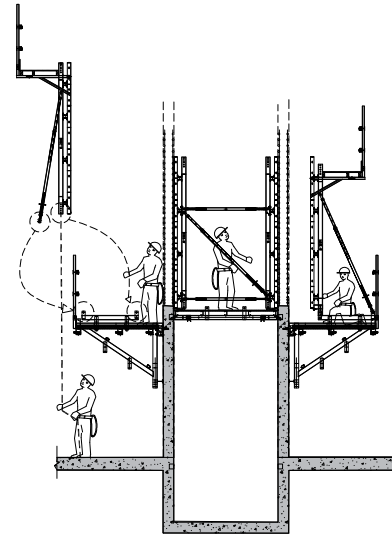
STAGE - 6

- (6.1) Open and Rollback formwork.
- (6.2) After concrete gain its required design strength fix the clevis shoe on the recoverable anchor.
- (6.3) Hoist Klik-Klak platform to next level and ensure Klik-Klak ends are seated properly.

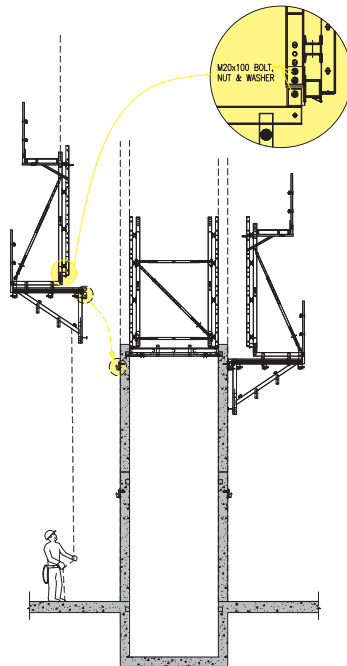
ERECTION & CLIMBING PROCEDURE



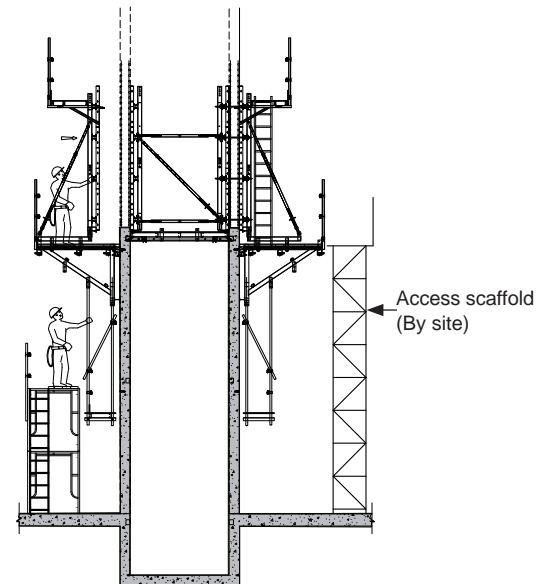
- (3.1) After concrete gains its required design strength
Set up the platform in the climbing brackets together with guard rail post and safety rails.
- (3.2) Hoist the assembled climber platform into position by engaging climbers into female clevis shoes.
- (3.3) Ensure that platform climbing brackets are properly seated on the female clevis shoe and insert the safety pin.



- (4.1) Clean and apply form oil on the faces of the forms.
- (4.2) Hoist formwork into position.
- (4.3) After positioning formwork, fix the props to the climber platform before releasing of crane.
- (4.4) Plumb and level the formwork by means of push-pull prop
- (4.5) Continue to erect opposite side formwork.
- (4.6) Ensure recoverable anchors (if needed) are fixed on the panel for next cast.

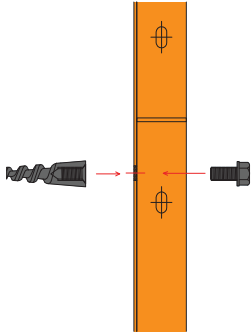


- (7.1) Hoist the assembled climber platform & formwork to next level. (Ensure that the roll back are bolted to the climber hoisting).
- (7.2) Ensure that platform climbing brackets are properly seated on the female clevis shoe and insert the safety pin.

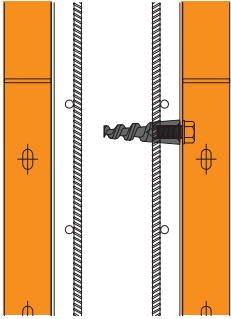


- (8.1) Clean and apply form oil on the faces of the form before closing the formwork.
- (8.2) Ensure recoverable anchors are fixed on the panel faces for next vertical cast.
- (8.3) Assemble hanging platform on climber together with safety rails before the next jump.
- (8.4) Access scaffold to be provided in order to safely Access onto the climbing system.

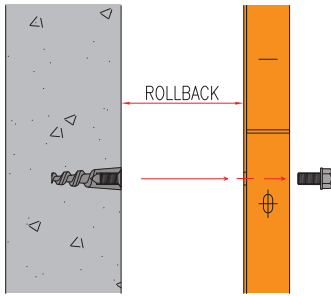
SEQUENCE FOR RECOVERABLE ANCHOR



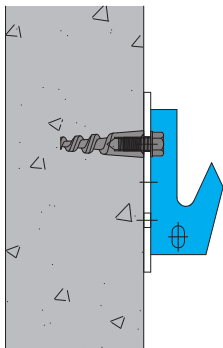
- 1 Recoverable anchor attached to panel face plate Bolt & Nut



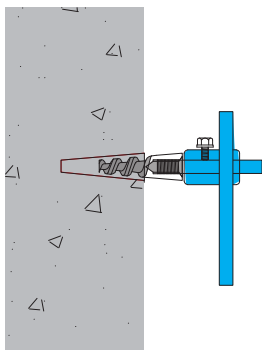
- 2 Place the panel with anchor at the correct position and close the formwork



- 3 Remove panel from recoverable anchor by unbolt the bolt & rollback wall formwork



- 4 After rollback, fixed clevis shoe on the recoverable anchor



- 5 Extract recoverable anchor from wall using extractor tool