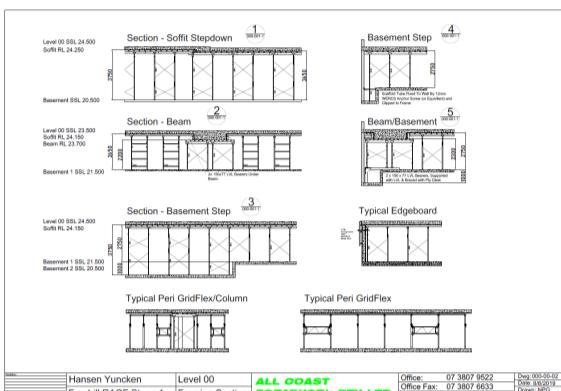


HY QUICK GUIDES

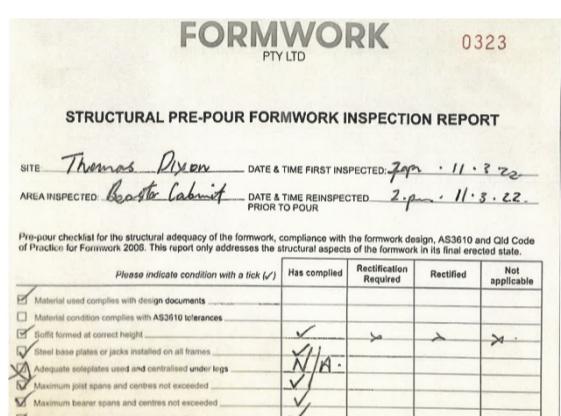
Formwork and Falsework

Quick Guides highlight relevant information to help manage common activities in accordance with HY's processes.



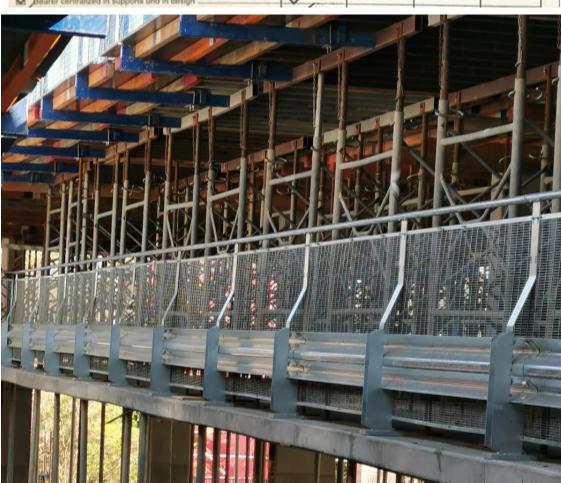
Planning – Design and methodology of formwork and falsework systems

- Formwork/falsework structures must be designed by a qualified designer
- The design, including general arrangement and location of all components is to be documented on drawings/plans (refer to temporary works procedure)
- Changes to the design of formwork/falsework are to be authorised by the designer and must be documented on up to date drawings and plans
- All formworkers must be trained in the installation of the formwork/falsework system in use on site



Verification – Ensuring the conformity of formwork and its supporting structure

- Handover Inspections and Certificates must be documented, provided to HY, and are required:
 - From a competent person upon handover of the formwork to verify installation in accordance with design
 - From a qualified engineer prior to placing concrete
 - From a competent person when multi-level perimeter screens have been installed



Preventing Falls and Dropped Objects – Minimum physical controls

- Engineered edge protection systems are to be installed as per the manufacturer's requirements which may include systems to prevent falls and falling objects
- Penetrations are to be clearly identified and covered with suitable material or have perimeter screens/handrails in place
- Risers/shafts to have solid edge protection and signage on the live deck and at lower-level entry points to restrict unauthorised access
- Dropped object protection is to be considered where work zones/walkways are located beneath live decks



Managing Access – To, from, and through formwork work zones

- Live decks are to have minimum two points of access, must be clearly identified, and have appropriate signage
- Exclusion zones with barriers and signage to be in place to prevent unauthorised access to live decks/stripping zones
- If emergency egress routes must run beneath decks or near stripping zones, they are to be maintained and clearly delineated, lit, and have signage in place



Dismantling – Removal of any components to dismantle the formwork/falsework structure

- Drop-stripping is prohibited on HY sites
- Formwork with complex removal sequencing or which are load bearing systems require an engineer to visually inspect in person and verify, and;
- A [Strip Formwork Work Permit](#) is to be issued by HY prior to stripping works



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