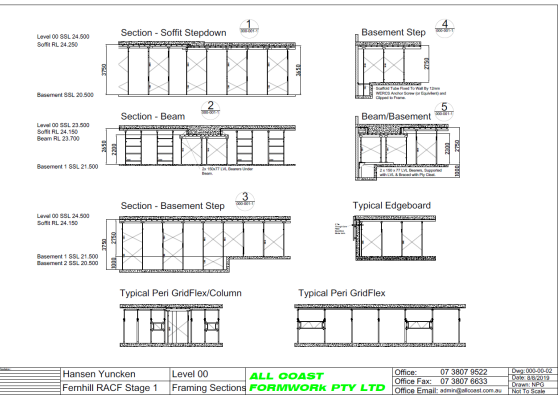


HY QUICK GUIDES

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

FORMWORK PTY LTD 0323

STRUCTURAL PRE-POUR FORMWORK INSPECTION REPORT

SITE: Thomas Dixon DATE & TIME FIRST INSPECTED: 7pm 11.8.22

AREA INSPECTED: Basement Labrinit DATE & TIME REINSPECTED: 2pm 11.8.22

PRIOR TO POUR

Pre-pour checklist for the structural adequacy of the formwork, compliance with the formwork design, AS3610 and Old Code of Practice for Formwork 2005. This report only addresses the structural aspects of the formwork in its final erected state.

| Please indicate condition with a tick (✓) | Has complied | Rectification Required | Rectified | Not applicable |
|---|--------------|------------------------|-----------|----------------|
| <input checked="" type="checkbox"/> Material used complies with design documents | | | | |
| <input checked="" type="checkbox"/> Material condition complies with AS3610 tolerances | | | | |
| <input checked="" type="checkbox"/> Soffit formed at correct height | | | | |
| <input checked="" type="checkbox"/> Steel bracing plates or jacks installed on all frames | | | | |
| <input checked="" type="checkbox"/> Adequate endplates used and centred under legs | | | | |
| <input checked="" type="checkbox"/> Maximum joint spans and centres not exceeded | | | | |
| <input checked="" type="checkbox"/> Maximum bracing spans and centres not exceeded | | | | |
| <input checked="" type="checkbox"/> Bracing centralized in supports unless in design | | | | |

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

