Firth RibRaft® Floor System

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1 Specification Details

Trade Sections: Concrete
Description: Firth RibRaft Floor System
Keywords: Concrete, Firth, Firth RibRaft® X-Pod® Foundation System, xpod, concrete floor systems, concrete floor slab systems, concrete slab systems, slab systems, raft floor slab systems, raft slab systems, dome slab systems, dome slabs, raised slab systems, raised concrete slab systems, raised concrete floor slab systems, plastic dome slab systems, waffle slab systems, waffle floor slab systems, waffle dome slab systems, waffle dome concrete slab systems, floating slab systems, floating floor slab systems, floating floor systems, floating concrete floor systems, floating concrete slab systems, floating concrete floor slab systems, concrete former systems, concrete formwork systems, formwork systems, form work systems,

2 Clauses

2.1 Scope

2.1.1 Scope:

Supply and install Firth RibRaft® Floor System, as specified herein, and construct the Floor System to the layout and details shown on the design drawings, complete with all necessary components and accessories required for proper construction and performance. All aspects of this work shall be in accordance with Firth 'Technical Literature' (check www.firth.co.nz, or email info@firth.co.nz, or call 0800 347841 for the latest edition) and the associated Specific Engineering Design documents if required.

No substitutions are permitted for Firth RibRaft® Floor System.

For the purpose of this specification, the Firth RibRaft® Floor System is referred to as the 'RibRaft® Floor System'. Refer to 'Floor System Types' clause for specific information and requirements for the different floor systems.

This specification should be read in conjunction with other relevant specification sections as they are interrelated, in particular, Siteworks and relevant services - i.e. Drainlaying, Plumbing, Electrical, etc.

Extent of work:

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2.2 Requirements

2.2.1 Safety:

Comply with the Health and Safety at Work Act 2015 (HSWA), and with all relevant Health and Safety at Work Regulations 2016, and with all relevant WorkSafe New Zealand (WorkSafe) Approved Codes of Practice and WorkSafe Information and Guidance, particularly those for construction and building maintenance.

2.2.2 Warranty:

Firth RibRaft® Floor System warranty - according to the warranty terms and conditions.

- Refer to Firth for RibRaft® Floor System, materials and installation warranty.
- Provide this warranty on the standard warranty form.
- Commence the warranty from the date of permanent installation.

2.2.3 Substitutions:

The Firth RibRaft® Floor System shall be as specified herein and on the design drawings. The substitution of the Firth RibRaft® Floor System for an alternative brand, system or product is not permitted under any circumstances.

The substitution of a specified Firth RibRaft® Floor System or component for an alternative Firth RibRaft® Floor System or component by the Contractor shall only be permitted with the Contract Administrator's written authorisation and shall be at no additional cost to the Principal. Should any resultant extra work and/or redesign work be required to accommodate an alternative Firth RibRaft® Floor System or component to satisfy design, performance and compliance requirements, then the cost of these shall be borne by the Contractor.

2.2.4 Geotechnical Report:

A geotechnical investigation of the site has been carried out - refer to the Geotechnical Report appended.

2.2.5 Quality assurance:

Ensure that the construction of the RibRaft® Floor System complies in all respects with the specific design drawings and specifications.

If requested, prepare and submit to the Contract Administrator details of the quality assurance procedures for concrete work for approval.

The quality assurance procedures shall encompass as applicable all aspects of the RibRaft® Floor System construction including, but not limited to:

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