

masterspec

2017

Minor Extract

SAMPLE

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SAMPLE

1213 SELECTIONS

1. GENERAL

The following selections are to be read in conjunction with the related work sections, where they are available, and the general sections.

2. SITE

2.1 NO SITE RELATED SELECTIONS

There are no site selections for this project.

<< 2100 DEMOLITION WORK >>

2.2 DEMOLITION ITEMS FOR REUSE

~

2.3 DEMOLITION ITEMS FOR RETURN TO THE OWNER

~

<< 2200 GROUNDWORKS AND PREPARATION >>

2.4 FILL FOR GROUNDWORK

Type: ~

2.5 BACKFILL TO HOUSE RETAINING WALLS

Type: ~

Drainage coil: ~

<< 2310 PILE FOUNDATIONS >>

2.6 PILE FOUNDATIONS

Type/treatment: Radiata pine, SG6, H5 CCA (preservative code 01 or 02)

Size: 125mm x 125mm square or minimum 140mm dia. round

3. STRUCTURE

3.1 NO STRUCTURE RELATED SELECTIONS

There are no structure related selections for this project.

<< 3110 CONCRETE WORK >>

3.2 DAMP-PROOF MEMBRANE - UNDER SLAB

Type/thickness: ~

3.3 INSULATION - UNDER SLAB

Type/thickness: ~ mm

3.4 CONCRETE REINFORCEMENT

Type: ~

3.5 CONCRETE

Location: ~

Strength: ~ MPa

Surface finish: ~

3.6 WATERPROOFING TO OPENINGS - CONCRETE

Type: ~

<< 3320 CONCRETE BLOCK MASONRY >>

3.7 CONCRETE BLOCK MASONRY

Brand/Type: ~

1220 GENERAL REQUIREMENTS

1. GENERAL

1.1 THE WORKS

The works are as described in this specification and shown on the drawings.

1.2 PERSONNEL

Owner: The person defined as "owner" in the New Zealand Building Code.

Contractor: The person contracted by the owner to carry out the contract.

1.3 THE SITE

The site of the works, the site address and the legal description are listed under the sections 1210 PROJECT. Confine access and work to the area of site indicated on the drawings.

1.4 SPECIFICATION SECTIONS

Sections are for reference and convenience only and do not constitute individual trade sections or work elements. Read all sections together and read this section with all other sections.

1.5 INTERPRETATIONS

Required: Required by the documents, or by a statutory authority.

Proprietary: Identifiable by naming the manufacturer, supplier, installer, trade name, brand name, catalogue or reference number.

Approval: Approval in writing.

Direction: Direction in writing.

Notified: Notified in writing.

1.6 ABBREVIATIONS

The following abbreviations are commonly used throughout the specification:

AS	Australian Standard
AS/NZS	Joint Australian/New Zealand Standard
BCA	Building Consent Authority
BRANZ	Building Research Association of New Zealand
LBP	Licensed Building Practitioner
NZBC	New Zealand Building Code
NZS	New Zealand Standard
NZS/AS	Joint New Zealand/Australian Standard
NUO	Network Utility Operator
OSH	Occupational Safety and Health
RBW	Restricted Building Work
TA	Territorial Authority

1.7 INCONSISTENCIES

If there are any inconsistencies, errors or omissions in or between documents, the contractor must seek direction in resolving it. Figured dimensions take precedence over scaled dimensions; drawings to a larger scale take precedence over drawings to a smaller scale and drawings take precedence over specification.

1.8 SUBSTITUTIONS

A substitution may be proposed where specified products are not available, or if substitute products are brought to the attention of and are considered by the owner as equivalent or superior to those specified. Except where a specified product is not available, the owner is not bound to accept any substitutions.

Notify proposed substitution of specified products. Include sufficient information to allow the owner to confirm that the substitution is equivalent or superior to that specified.

Advise the owner whether an amendment will or may be required to the Building Consent and the expected costs of such amendment.

3110 CONCRETE WORK

1. GENERAL

Refer to 1213 SELECTIONS/drawings for specific product, material, accessories and finish selections.

1.1 QUALIFICATIONS

Carry out work using persons competent and experienced in the trade. Structural and foundation work to be carried out by or supervised by the appropriate LBP.

2. PRODUCTS

2.1 REINFORCEMENT

Bars to [AS/NZS 4671](#), grade 300E deformed, other than for ties, stirrups and spirals, unless shown otherwise on the drawings. Welded reinforcing mesh to [AS/NZS 4671](#) Class E. Mild drawn steel tying wire not less than 1.2mm diameter.

2.2 MESH FOR SLABS TO NZS 3604 OR NZS 4229

For slabs on ground, welded reinforcing mesh to [AS/NZS 4671](#), minimum to [NZBC B1/AS1](#) - Grade 500E, 2.27kg/m² (1.14kg/m² in each direction).

2.3 SPACERS AND CHAIRS

Precast concrete or purpose made moulded PVC. Use concrete spacer blocks only where the concrete surface is not exposed in the finished work.

2.4 CONCRETE

Strength as selected. Ready-mix normal grade, maximum aggregate size 19mm to [NZS 3104](#). Site mixed prescribed grade, using either separate batching of sand and coarse aggregate, or builder's mix, to [NZS 3104](#).

3. EXECUTION

3.1 HANDLE AND STORE REINFORCING

Handle and store reinforcing steel and accessories without damage or contamination. Ensure reinforcement is clean and remains clean and free of contamination that may reduce bonding capacity.

3.2 FALSEWORK AND FORMWORK

Use falsework and formwork of sufficient strength to retain and support the wet concrete to the required profiles and tolerances. Select formwork finish to produce the specified finished quality.

3.3 CUT AND BEND

Cut and bend bars using proper bending tools to avoid notching and to the requirements of [NZS 3109](#). Do not rebend bars without written approval. Bend main reinforcing bars, stirrups and ties to the former pin diameters as given in [NZS 3109](#), figure 3.1, **Standard bend, hook and stirrup**.

3.4 SECURE REINFORCEMENT

Secure reinforcement adequately with tying wire and place, support and secure against displacement when concreting. Bend tying wire back well clear of the formwork. Spacing as dimensioned, or if not shown, to the clear distance minimums laid down in [NZS 3109](#), 3.3. **Hooks and bends**.

3.5 LAPPED SPLICES

Set length of laps, where not dimensioned on the drawings, in accordance with [NZS 3109](#): 3.7, **Splices in reinforcement**. Plain bars lapped splices must be hooked.

3.6 MESH LAPS FOR SLABS TO NZS 3604 OR NZS 4229

For slabs on ground, mesh to be lapped and tied, so the outermost wires overlap by the greater of:- the spacing of the cross wires plus 50mm or, 150mm or, manufacturer's requirements. Do not count bar extensions beyond the outermost cross wire.