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SAMPLE

**0124 SELECTIONS**

**0211 DEMOLITION**

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DEMOLITION ITEMS FOR REUSE

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DEMOLITION ITEMS FOR RETURN TO THE OWNER

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**0221 PREPARATION AND GROUNDWORK**

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FILL

Type: ~

BACKFILL TO RETAINING WALLS

Type: ~

Drainage coil: ~

**0231 FOUNDATIONS**

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PILES

Type/treatment: Radiata pine, SG6, Treated H5

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

**0311 CONCRETE**

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DAMP-PROOF MEMBRANE

Type/thickness: ~

INSULATION - UNDERSLAB

Type/thickness: ~ mm

REINFORCEMENT

Type: ~

CONCRETE

Location: ~

Strength: ~ MPa

Surface finish: ~

WATERPROOFING TO OPENINGS

Type: ~

**0331 CONCRETE MASONRY**

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CONCRETE MASONRY

Type: ~

Bond: ~

Pointing: ~

WATERPROOFING TO OPENINGS

Type: ~

**0341 STRUCTURAL STEELWORK**

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There is no work section specification relating to the following selections

STEELWORK

Item: ~  
Finish: ~

SAMPLE

**0126 GENERAL REQUIREMENTS**

- 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 PROJECT INFORMATION. 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 GENERAL REQUIREMENTS 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  
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.

- 1.9 THE WORDS "PROVIDE" OR "FIX"  
The words "provide" (or "supply") or "fix" if used separately mean "provide and fix" unless explicitly stated otherwise.

SAMPLE

**0311 CONCRETE**

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

1.1 REINFORCEMENT

Bars to AS/NZS 4671, grade 300E deformed. Welded reinforcing mesh to AS/NZS 4671 Class E. Mild drawn steel tying wire not less than 1.2mm diameter.

1.2 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.

1.3 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.

1.4 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.

1.5 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.

1.6 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.**

1.7 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.**

1.8 LAPPED SPLICES

Set length of laps, where not dimensioned on the drawings, in accordance with NZS 3109: 3.7, **Splices in reinforcement.** Increase laps of plain round steel by 100%.

1.9 COVER

Minimum cover to reinforcing as shown on the drawings and to NZS 3109, 3.8 **Cover.** Fix chairs for top reinforcing in slabs at 1.0 metre centres. Cover tolerances to NZS 3109, 3.8. **Cover.**

1.10 SURFACE FINISHES

To comply with NZS 3114, section 105 **Specification of finishes**, or as denoted on the drawings. Formwork linings and surface finishes as nominated for both fair face and concealed or exposed surfaces. Surface tolerances to comply with NZS 3114, section 104 **Surface tolerances** and 105.3.2.