

Specification of work to be done and materials to be used by the Contractor in the erection of foundations of New Church at Loretto Convent, Marys Mount Ballarat

The Contractor is to provide all materials tools, scaffolding and labor required to perform the various works subject to the annexed Conditions in accordance with this Specification the accompanying drawings No 1 to inclusive and all such details and instructions as may be furnished from time to time by the Architects in elucidation thereof.

All materials to be of the best description of their ~~var~~ several kinds the work through out to be performed in a thoroughly substantial and workmanlike manner and both workmanship and materials to be to the entire satisfaction of

Geo Stuart Tappin
Architects & Surveyors

Decr 1897

11 Elizabeth St Melbourne

Every trade jointly and severally to wait on assist and render all necessary help to each and every other trade during the progress of the works so that the works may be rendered up sound and well finished without delay

The Quantities will be taken out by W-a
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Anderson, Temple Court Melbourne and
must be the basis of each tender. Only whole
tenders will be received

General

The Contractor will only be allowed to use as much of the Ground as will be defined by the Architects upon the Commencing of work. The Contractor will have to surround the ground allotted to him with substantial hoarding 6'- high such hoarding to remain the property of the employer, and is to have proper gates for cart access and access from the Convent privately. The Contractor must also form strong bridges over Channels and interfere as little as possible with all trees, shrubs, plants and garden paths. He must also where instructed remove all present fences and sub and remove all trees, stumps, plants, and remove all impediments as instructed. He must also on the Completion of the works reinstate all fences and other properties in the condition in which he found them except those which may be permanently removed and must make good all cuts and injuries to ground, footpaths, roads and Channels.

Office. Provide suitable and commodious office for the Protection of plans and the use of Clerk of works and provide desk and drawers and clear pine framed drawing board to take double elephant drawing paper.

Provision money. Provide the sum of £50. 0. 0 as provision money under Clause 1035 of ~~provision~~ conditions of contract.

Deposit. A deposit of £20. 0. 0 to accompany each tender.

Use of provision moneys. All provision money and P.C. values are to be exclusive of Commission fitting and fixing and Carriage and are when they so elect to be expended by the Architects. The Contractor to fit and fix all articles for which provision moneys are specified.

Provision moneys and P.C. values are to be taken as Prime Cost value in Melbourne

The Schedule of the Contractor's Price on Mr Anderson's Bill of quantities to be given by the Contractor to the Architects upon the signing of Contract.

The usual fees will be charged for the use of Copies of drawings and Specifications

Excavator.

Digging out. Dig out the ground for foundations, sleeper piers, drains, and all other works - requiring it to the depths and of the other dimensions shown on the drawings. No making up in any part of trenches or other Excavations allowed.

Excavate the surface where required to the depths shown upon drawings.

Beat down to a solid consistency the ground forming the beds of trenches and where necessary properly step the beds.

Examination of Trenches. When the trenches are dug out notice thereof is to be given to the architects and no work is to be laid until the trenches have been examined and approved of by them.

Filling in and ramming. As each course of work is laid fill in and ram the earth around same with heavy rammers.

Deal out water. Deal, pump out or otherwise remove all soil and water from trenches whenever any occurs in them.

Level up ground. Remove all superfluous earth from the excavations away from the ground with the exception of such as the employer may select for garden purposes, the latter to be removed and stacked where directed about

the ground.

No inequalities to be left in ground under building.

Earth to timbers. No earth is to be left nearer than 6ⁱⁿ to any floor or other timbers unless specially directed to be so.

Debris. Remove all useless and superfluous debris and rubbish from the ground or deposit and form same as may be directed also remove all chawmp, rubbish and cuttings from under the floor.

Drains. Properly form and lay all drains as are shown on plans or specified. All joints of drain pipes to be carefully and perfectly jointed with Cement. All brick surface drains to be laid on solid form foundations and bedded and grouted with Cement mortar. All drains to be laid ~~on solid form foundations~~ to proper falls and as may be directed or shown. Provide specially hard burnt bricks for brick drains and best glazed earthenware pipes angles bends and junctions for drain pipes. Before any drain pipes are covered notice is to be given to the architects and the drains are to be examined and passed by them before the earth is filled in. Fill in and ram about all drains. Provide ^{feet} of glazed 6" drain pipes and ^{feet of} 4" glazed drain pipes with all necessary bends angles junctions &c.

Supervisor?

Stumps and boulders. Cut up and remove
all stumps and take out and remove all boulders
and down to solid approved foundations and
where any holes are caused by these operations
in or near foundations or under buildings
such holes are to be solidly filled up with
concrete such as is specified for footings

Mason.

Bluestone. All bluestone must be of good sound quality and in large sizes, the portion exposed to view above ground lines to be extra free from honeycomb and to be of good uniform color. All Bluestone to be free from honeycombs shakes and all other defects.

Concrete. Concrete to be composed of three parts 2" gauge hand broken bluestone, one part best quality clean gravel and two parts clean sharp coarse sand and one part cement all thoroughly mixed up in a dry state, moistened with a little water, turned over three times and mixed with water as may be directed and rammed in foundations in 9" layers. All concrete to be made up on strong platform and the various measurements to be made in wooden boxes specially arranged for that purpose.

Lime. All lime to be the best freshly burnt and approved by the architects.

Cement. All cement to be the best Colonial made cement of a brand to be ~~the~~ selected by the architects.

Sand. All sand to be clean sharp and coarse and quite free from salt and all other impurities.

Mortar. All mortar to be composed of two parts

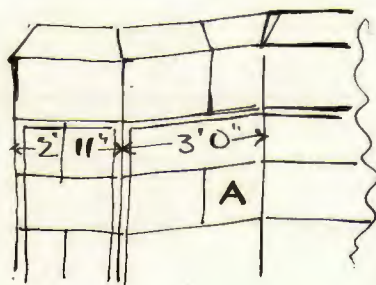
of sand to one part of lime or Cement, as the Case may be, thoroughly mixed and tempered with Clean fresh water. No lime mortar to be used less than seven days old and all Cement mortar to be used immediately it is made, and none used after it has once set.

Footings. The footings to consist of Concrete of width and depth as shown upon drawings and to be used as walls and where tuted given upon drawings and generally to have a set off on each side of 6ⁱⁿ beyond lines of stonework above them except in Cases where there is no set off ^{or a barge-type projection} in the stonework itself and the wall line is carried down to footings - in these Cases the footings are to have a set off of 10¹/₂ inches from lines of stonework above them.

Foundations. The foundations to be of bluestone, except as hereinafter otherwise described and shown upon drawings, in 12ⁱⁿ courses properly squared, bedded and jointed in 3/4 bond and with punched beds, backs and joints and set close and the whole to be bedded with Cement mortar and also grouted with same. All stones to be the full height of courses. All exposed stonework to be specially selected for color and to be free from plus holes, honeycombs and other defects of ~~set~~ appearance. All work 1ⁱⁿ 10¹/₂ and under to be of Thronestones, along all beds under base course and down all salient angles, where exposed put 1/4ⁱⁿ carefully Chiselled angle draft on external faces. A rough chisel draft to be run along

all internal stonework for floors to stop against where floors abut
 Large quoins to be put to all salient angles and large stones well bonded into walls to be put to all projecting piers and to all buttresses having a projection of only 18" or less.

Buttress foundations along cloister walls and around octagonal end to be bonded thus.



The stones A to bond at least 18" into walls. The foundations of buttresses to external stairs walls to be bonded to correspond with above.

all external ~~beds~~ and joints to be finished straight sharp and clean so as to form good lines for tuckpointing.

Where steps occur the reveals are to be fine patent axed

The foundations under arching between main hall and cloisters to be of specially hard burnt bricks of the best quality built in cement mortar and with 18" brick invert arches as shown upon drawings all in cement mortar

Template Stones. Put under all columns and engaged columns of arching between main hall and cloisters large bluestones - one to each column or engaged column all carefully fine axed and shaped as shown and formed with lateral projections as shown to carry ends of joists. Each of these templates to be in one stone and to finish 1/4" below floor line so as to allow flooring to run up against base of future iron columns.

thresholds. Slip Thresholds 6" deep and of the full length and width of openings, in one stone to each opening, to be put to all internal openings, and to each external opening two slip steps. All thresholds and steps to be patent fine axed, bedded, jointed and back jointed bluestone specially free from all defects