

SPECIFICATION of labour and materials required in the ERECTION of the
BOYS' INSTITUTE, ARTHUR STREET, WELLINGTON, in accordance with PLANS
&c. prepared by

W.G. Y O U N G,
Architect,
WELLINGTON.

RECEIVED
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WELLINGTON

SITE - The Building is to be erected in Arthur Street, off Taranaki
Street. The levels shewn on the drawings are approximately correct.

EXCAVATIONS - Excavate the trenches for the foundations of all walls,
piers, bath &c., of the various sizes and to the depth shewn on the Plans.
Bottom of all foundation trenches to be levelled and well rammed and
Consolidated with a heavy iron rammer before laying the concrete.

Fill in and well ram round all foundations after the
concrete is put in. All surplus earth to be carted away and after
completion of the works all further rubbish of any kind that may have
accumulated must be carted away.

BRICK LAYER

7322

MATERIALS - All ordinary bricks shall be hard, sound, of regular
size and shape, stock, size, and well burnt. To be well saturated with
water immediately before being laid.

All facing bricks shall be Hutson's dry pressed bricks of
regular size and shape, free from fire cracks, dents and imperfections,
well burnt to a fairly even tone and picked of fuller size than the
ordinary bricks, to secure neat work outside. All bricks to be well
saturated with water immediately before being laid.

BREEZE CONCRETE BRICKS - to be slightly larger than the ordinary
bricks and shall be properly made of 4 parts coke breeze and 1 part
best approved Portland Cement.

CEMENT - shall be Portland Cement of approved brand, and if so directed
shall be tested by the Contractor to the satisfaction and approval of the
Architect.

SAND - shall be clean, sharp, fresh water sand, free from any loam, clay or vegetable matter, and shall be washed as may be directed. all sand must be specially approved before being used.

CEMENT MORTAR - shall consist of cement 1 part and sand 3 parts, a to be gauged thoroughly incorporated, and well beaten on a wooden ban fresh and fresh.

CONCRETE - for trenches and bath shall be composed of one part cement two parts of hard, blue stone, not larger than will pass through a 2 inch ring, four parts of clean sand and clean river or other approved ballast. All material to be specially approved before being used. Concrete for all lintels to doors and windows, templates &c., to be composed of 1 part Portland Cement 4 parts sifted coke breeze and 1 part clean sand. All to be well ramméd immediately it is deposited into boxing.

BATH - to be constructed with concrete same as foregoing ~~in two~~ thicknesses. ~~First layer to be 6" thick and then the galvanised iron tank (see Plumber) is to be fixed, great care being taken not to damage the iron. Cover the tank with 6" concrete, finish with one thickness of stucco trowelled smooth, all to be to the satisfaction of the Architect.~~
to be ed

The materials for all concrete shall be measured out on a proper wooden platform and turned over twice in a dry state, watered through a rose whilst being turned back a third time, and then over once more and immediately deposited in trenches &c. and lightly ramed.

Foundations for all walls, partitions, bath &c., to be of concrete of the widths and depths shewn in the drawings (in no case to have a set off on each side of less than half thickness of superincumbent walls plus 3", unless otherwise specially shewn) all deposited in one layer and evenly ramed and levelled off smooth on top surface for a brickwork. Trenches must be excavated the neat size, and boxing will not be allowed ~~wh~~ except where absolutely necessary. Concrete must stand at least seven days before the brickwork is started, and must be wetted thoroughly twice a day, and be properly protected from the sun as may be necessary during that period.

The Mullions and transomes to front windows and door are to be of concrete in the proportion of $2\frac{1}{2}$ parts shingle and 1 part cement and are to be reinforced with 1" bar iron.

STAIRCASE - to be ~~concesses~~ constructed of concrete as shewn.

Concrete to be composed of four parts of sifted coke breeze (none larger than will pass through a $\frac{3}{4}$ " mesh, and to be free from dust) one part sand and one part cement

The stairs to be constructed as shewn by margin sketch, Concrete to tail 4" into brickwork, and all landings to be 5" thick. The concrete to be reinforced with $1\frac{1}{2}$ " x $1\frac{1}{2}$ " x $\frac{3}{8}$ " T. iron, one to each step and 12" c.toc. on landings. Ironwork to be well tarred and securely fixed at each end 4" into brickwork at least. Finish the treads, risers landings &c. with 1" thickness of cement and sand in equal proportions and trowelled smooth. Round off the arrises of all steps. Soffits to be finished in cement stucco, 2 to 1 rendered smooth and even. Hand-rails to be 4"x 3" (moulded) to be fixed to walls securely by to ornamental cast iron brackets fixed to same.

WALLS &c. - Carry up all walls piers &c., coloured red on plans in solid brickwork built in Old English Bond, in the very best style of workmanship. No bats to be allowed except for closures. All joints to be solidly and completely flushed with cement mortar: walls must be well grouted as the works proceed. No four courses to exceed $13\frac{1}{2}$ " in height and the work not to be taken up more than 5 ft above any other part that has to be eventually raised.

The front face of brickwork to Arthur Street to be built with Hutson's dry pressed bricks, the face of which is to have joints raked out as the work proceeds, and at completion to be cleaned down with water, all mortar stains removed and flat pointed up with black mortar to approval with jointer cut top and bottom. Leave the whole neat and clean.

Build in all concrete bricks for battens &c.. Lay continuous bands of 2" Galvanised hoop iron No.14 B.W. gauge, round all walls, above and below the level of all windows and doors and round wall heads, one row to each half brick in thickness. Also lay continuous 4" x $\frac{3}{8}$ " wrot iron plates round all walls at levels of underside of upper floor

joists.

All above to be folded, locked, and the latter riveted to all angles and junctions. Immediately above ground level all over brick or concrete walls lay a continuous damp course of approved tar asphalt 1" thick: also through all outside walls immediately above roof level a damp course $\frac{3}{4}$ " thick full width of walls, well rammed and laid hot. All square headed openings to have concrete lintels full thickness of walls and 3" deep for each foot of opening. Reinforce same with pieces of 3 x 3 x $\frac{3}{8}$ T. iron for each 9" or part of 9" in thickness to have 9" bearing at each end.

Over semi-circular door opening turn arch in half brick ring: one half brick ring for each 3 feet of opening nowhere less than two half brick rings.

Turn similar arches over all concrete lintels.

Under each end of each roof truss and girders provide and fix concrete templates, each 2'6" x 14" x 16".

Construct steps to front door with concrete and finished off with $1\frac{1}{2}$ " thickness of sand one to one trowelled smooth with falls &c.. Finish with rounded nosings as directed.

Provide and fix where directed in base 14"x 6" cast iron or namental gratings to approval to ventilate beneath floors.

Bed all lintels, plates, door and window frames &c. also bed all ironwork specified in "Smith & Founder". Point up neatly round all door and window frames and where ever else required with Portland cement.

Cut chases as required for all pipes.

CARPENTER & JOINER.

MATERIALS - Timber shall be well seasoned and free from all defects. It shall be cut square, and to the full dimensions hereafter specified or shewn on the drawings, and shall not shew less than three-quarter Heart or any one face where not specified all Heart.

All flooring, lining, sarking, scantlings &c. shall be properly stacked, with with wood slips between on some convenient site within ~~two~~ ^{three} weeks from date of acceptance of tender, and to be fairly seasoned before being brought on the ground. . All Architraves, skirtings, and

other timbers used in Joiner's work must be got out immediately after signing the contract, and must be all properly stacked and seasoned before being fixed. All wall plates, lintels, window frames, outer door frames, plates, sleeper plates &c. and any other timbers that require to be built in walls shall be heart of Totara free from all defects. All scantlings &c. to be first class red pine unless otherwise specially mentioned. All timber used in Joiner's work and where exposed to view (unless otherwise specially mentioned) shall be figured heart of red pine. All linings to be mill dressed unless otherwise specially mentioned. All flooring to be heart of Matai, unless otherwise specially mentioned. All iron shall be of the best quality, finished and fixed in a workmanlike manner. All bolts shall be screwed with Whitworth's Standard thread and bolt-heads: nut washers shall bear such proportion to one another as shall be approved. All ironwork to be dipped in linseed oil while hot from the forge. Ends of all girders, joists, roof trusses and other timbers which are built into walls are to be well tarred with hot tar before being fixed.

SPACING - All floor joists shall be spaced at not greater distances than 18" centre to centre and all other scantlings 20" centre to centre, unless otherwise specified or shewn.

SLEEPER PLATES - Lay 6" x 3" sleeper plates to lower floor joists well spiked to 8" x 8" sawn piles, spaced not more than four feet apart.

PLATES. - All wall plates where not specified iron to be continuous 4" x 3" Heart of Totara plates halved at junctions properly bedded and secured to walls with pieces of stout hoop-iron every 36" as directed.

The two girders over gymnasium are to be 14" x 10" Australasian Iron bark beams with 4" x 3" furring bolted at bottom of beam to carry joists.

JOISTS- All joists to be the sizes figured on drawings, trimmer joists 1" thicker in all cases. All to be neatly notched and gauged down on to plates, beams &c.. Properly fix all straps and other ironwork specified under "Smith & Founder". Cut in 2" x 2" herring bone strutting between joists as shewn.

STRAPPING. All interior faces of brick walls to be strapped with

2" x 1" Heart of Totara strapping spaced 15" C to C to take lining firmly nailed to coke breeze bricks at every 2 ft in height.

GROUNDINGS- Provide and fix proper Heart of Totara bevelled grounds wherever required to stop plaster and for fixing ~~doors~~, skirtings, architraves and other joinery work, also angle staff beads at all angles.

PARTITIONS - All wood partitions to be constructed with 4"x 3" studs and 3" plates, well flush braced with 6"x 1" braces and bridged with 4"x 2" zigzag bridging every 3' in height. All trimmer studs 3" thick morticed and pinned. Ends of all studs gauged and let $\frac{1}{2}$ " into plates and well skew nailed. All end studs against brick walls to be secured with $\frac{5}{8}$ " bolts 12" long split at ends and built in, see "Smith & Founder".

ROOF - Construct the roofs as shewn on sections, to be carried on trusses neatly framed and fitted together, with all mouldings, cut brackets, principal rafters neatly fitted and cast iron shoes and heads and bolted where shewn, to have king bolts to each truss locked up and bolted as directed.

Purlins and battens to be notched 1" into principals and to rest on 2" blocks as shewn. Hips, ridges and valleys 10"x 3", all rafters &c. 5"x 2" spaced at 18" centres. Provide and neatly fit two rows of 4"x 2" horizontal wind bracing to be cut in and fixed as directed. Secure all the above roofs with bolts and ties as shewn and directed and specified under the Heading "Smith & Founder".

All exposed timber in main roofs to be scraped and hand dressed and the ^hwhole of the work is to be neatly fitted, framed, nailed, spiked and skew nailed together in the most secure and approved manner. Details will be given.

Form box gutters against side parapets with approved falls also provide 1" Heart of Totara sun boards to same with 3"x 2" clats as directed.

FLOORS - The whole of the floors coloured light yellow on plans are to be covered with 6"x 1" matched and dressed Heart of Matai flooring, well cramped up and nailed down with two 2 $\frac{1}{2}$ " wire flooring ~~and~~ brads to each board and joist.

Punch in all nails and clean off all bye-wood at completion of works. Fix mitred margins to ~~make~~ well holes of stairs &c.

All boards over water and other pipes to be rebated and screwed down with brass screws.

SARKING- Cover the roof over bath with 8"x 1" rough sarking laid close cut close up to ridges &c. and secured with two nails to every board and rafter.

LINING - The whole of the ceilings and walls to the main hall, class room, stairlanding, and ceilings only to the two front rooms on ground floor and entrance hall, are to be lined with 6"x $\frac{5}{8}$ " double V jointed T. & G. Red pine lining boards cleaned and scraped. All to be well cramped up and well secret nailed, no butts to show. Provide angle staff beads at all angles as may be required.

The walls and ceiling of store to be lined with 6"x $\frac{5}{8}$ " T. & G. R.P. Mill dressed lining.

The walls of the WC and urinal to be lined one side only. No lining is required for the walls or ceilings of Gymnasium or Bath room or Cupboard, but are to receive three coats of lime wash.

WINDOWS - The window frames to front and Gymnasium are to be $5' \times 4'$ solid rebated with 4" double sunk and throated sills, frames to be provided with all necessary beads and stops for fixing sashes &c. and according to detail to be supplied.

All other windows to have proper cased frames of 1" stuff with $1\frac{1}{2}$ " pulley styles, $\frac{3}{4}$ " back lining, 4" Heart of Totara double sunk and throated sills, all necessary fillets, parting beads, stops, slips, pocket pieces and 2" dia. brass faced axle pulleys.

All sills to be bedded in mortar, ploughed on the under sides to receive $1\frac{1}{2}$ " x $\frac{1}{2}$ " iron tongues. All frames to be properly bedded as the work proceeds and secured with No.14 gauge Galvanised iron ties 2" wide at every 18" in height each firmly nailed to frames and diagonally built 9" into brickwork.

Windows to gymnasium to be pivot hung and to be supplied with cords &c for opening same.

One fanlight to each of the front windows to be hinged at bottom with three 4" strong butt hinges to open in and made thoroughly weatherproof. Provide approved japanned Preston Fanlight opener to each fanlight with cords complete.

All sashes to be 2" thick, ovolo moulded, properly fitted

and pinned, double hung with "Silver Lake" best quality No.8 sash cords and iron weights complete. Lower sashes to be fitted with brass lifts and upper sashes with brass rings.

Provide and fix approved patent sash fastenings of the average p.c. value 1/6 to each pair of sashes.

All window frames to be Heart of Totara and all ~~sashes~~ sashes to be Heart of Baltic or Californian Red Deal.

DOORS - The entrance doors to be $2\frac{1}{2}$ " thick panelled as shewn, bolection moulded outside and flush moulded inside. Upper panels prepared for glass and to be astragal divided. Doors to be hung folding to 6"x 4" solid rebated and beaded ~~with~~ with three 6" steel butt to each half. Provide fastenings of the P.c. value 25/- with two 12" brass barrel bolts at the bottom and two 12" spring and chain bolts.

All other doors to be $1\frac{3}{4}$ " thick, four panels, moulded both sides hung with 4" cast butts to $1\frac{1}{2}$ " solid rebated frames and ~~renated~~ provided with furniture of the p.c. value 6/6 each.

All outside doors and frames to be Heart of Totara, all other doors Heart of Kauri. All doorframes built into brickwork are to be secured with No.14 Galvanised hoop-iron holdfasts 15" long each fixed at every 18" in height.

Sizes of all doors marked on plans.

ARCHITRAVES - Provide and fix round all doors and windows 7" moulded architraves. Provide and fix round the walls of Hall, landing and Entrance Hall and Class room 12" double moulded skirting scribed to floor

~~Arch in entrance Hall to be constructed as shewn with pilasters and imposts and moulded caps and necking. Details will be given.~~

Provide and fix a $1\frac{1}{2}$ " shelf in Class room cut for sink and grooved as shewn fixed at a convenient height, with rounded outer edge and c avetto, cased in beneath with 6"x $\frac{5}{8}$ " matched and beaded lining, with one hinged door secured with turnover buttons to approval.

Provide an approved cover to conceal sink and taps.

SKYLIGHTS - The Skylights in main roof and Bathroom roof to be constructed with Wade's patent galvanised iron skylights, glazed with patent wired rough plate complete, firmly secured to special wood curbing to take same. . All skylights over Bath, W.C., Urinal and stair landing

are to open and to be provided with the necessary...

LOUVRES - Fill in frame with Heart of Totara louvres according to detail to be supplied.

MANHOLE - Construct Manhole in roof as directed. to have $1\frac{1}{2}$ " rebated frames. Door to be 1" thick, made of T. & G. provided with approved bolts and finished with mouldings &c.

GENERAL - Case in all pipes in building as may be required or directed with 1" dressed beaded casings.

Supply all centering for arches to "Bricklayers'" work block out for cornices where required and fix the necessary bevelled grounds to stop plaster behind all architraves &c.

All timber to be wrot fair, sand papered and prepared for varnish or paint where exposed to view, nails punched in.

All abutting surfaces of exterior timber, window and door frames &c. shall receive a good coat of red lead and linseed oil priming before being fixed.

Fix all ironwork that is specified under the heading of "Smith & Founder" for this trade and complete the whole of the works in a thoroughly sound and workmanlike manner, also give all necessary assistance to the other tradesmen employed on the building.

Dress down all flooring, clean down glass at completion of work, so as to leave the building in a state ready for immediate occupation.

SMITH & FOUNDER.

Provide and fix 2" x $\frac{1}{2}$ " wrot, iron anchor straps to end of each girder, the ends of all purlins, every third floor joist, and each end of all other timbers built into the walls equal in length to double the thickness of wall through which they go, spiked to timber ends, and turned up and down 2" into brickwork.

~~Provide all round brick walls at level of upper floor 4" x $\frac{3}{4}$ " wrot. iron ties, well lapped, folded and rivetted together at angles and junctions.~~

Provide all the cast iron shoe and apex plates, straps and bolts necessary for roof trusses as shewn.

Provide $\frac{3}{4}$ " bolts every 3'0" apart to secure wooden beams at each side of I.B. Girders. Provide $\frac{3}{4}$ " bolts for studs of partitions wherever they abutt against brick walls, one for every 3'0" in height,

built 14" into walls split at ends and turned up and down.

Provide 3"x 3" x $\frac{3}{8}$ " T. iron for concrete lintels, one row for each half brick in thickness of wall. Allow for 9" bearing at each end

Provide and fix stout hoop iron ties for bonding all door and window frames at each side of brickwork. Provide and fix 1" iron dowels to all outside door sills as directed, also 1" wrought iron tongues to the underside of all window sills.

Provide the necessary hoop iron for bonding brickwork as specified under "Bricklayer". All ironwork to be properly cleaned and up and painted with one good coat of Hematite paint or red lead before leaving the Foundry.

Clean off and file down all ironwork as required and do all that is necessary to assist other tradesmen.

Provide 1" bar iron for mullion transoms &c.

P L U M B E R

ROOF IRON Roofs over bath &c to be covered with 24 gauge corrugated Galvanised iron "Redcliffe" Crown", "Orb" or other approved brand with two full corrugations, side laps and 8" end laps, allowing for $2\frac{1}{2}$ " drips at eaves: secured through every corrugation with patent lead head nails, three rows to each sheet. All sheets to be cut neatly up to ridges and to be fixed without spring. Ridge to be covered with 24 gauge lead edged ridging 20" wide well secured.

Form ~~6 lb~~ ^{24 gauge galv. iron} lead box gutters against back parapet at side wall not less than 12" wide in the narrowest part, laid with falls of not less than 1" in every 10'0" all sheets to be turned up 6" each side, well lapped and double soldered at all joints.

Gutters to be left free at ends and side to expand.

Provide ~~5 lb.~~ ^{24 gauge galv. iron} lead aprons each side to lap over lead 3" turned into wall and plugged one side and the other to be dressed over feather edged fillet. Form ~~6 lb. lead~~ walls to all downpipes, dressed through brick walls into cistern heads. Plug with lead and point with cement.

Flash wherever roofs abut up against walls, ventilators with ~~5 lb.~~ ^{24 gauge galv. iron} milled lead, turned up 4", to extend over and under tiles and iron as the case may be, at least 9" and neatly dressed down over tilting fillets: supply separate stepping and apron pieces let 1'

into brickwork, plugged with lead and pointed with cement.

Form cistern and conduits as required.

Provide and fix 5" x 3" cast iron sock ted down piping where marked D.P. on Plans, and two stacks of 2½" dia. 22 gauge Galvanised iron downpipes with all necessary bends, elbows, shoes &c. to carry water to storm water drains. Provide and fix cast iron cistern heads of approve design to each D.P. ~~with~~ strong cast iron clips for securing same into position.

Provide 3" diam. cast iron pipes for conveying water across pavement into street ~~chamels~~^{chamels} or sewer as directed.

VENTILATION Turret is to be flashed with 5 lb. lead and turned up under fillets. The deck of open part of turret is to be covered with 5 lb lead beaten over nosing at outer edge. The roof is to be covered with zinc tiles, which will be supplied and fixed by Proprietors, The whole to be left watertight to the Architect's satisfaction.

Provide and fix in roof turret on proper seating an approved Boyle's air pump ventilat r of correct type, constructed of 22 gauge galvanised iron 20" in dia. with a 15" dia. 26 gauge galvanised iron tube leading from roof into same.

~~From three roof ventilators lead 9" dia. galvanised iron vent tubes collected into the 15" dia. tube already specified. Tubes to be so arranged that they shall in no case leave a less area than the collected area of tubes running into same. Fix ~~the~~^{two bell} mouths ~~to~~ ceiling ~~vents~~, well solder the whole air tight and securely fix same into position.~~

WATER CLOSET - Fit up in Water closet an approved pedestal closet complete of the p.c. value 35/- to be supplied with three gallon galvanised iron flushing cistern of the approved Wellington Corporation type, fitted with patent silent valves, brass chains and porcelain pull handles and 1½" lead flushing pipes' Properly connect syphons to soil pipe to approval. From the top of each syphon of closet lead off 2" lead vent pipes connected into 3" 22 gauge grooved Galvanised iron vent pipes. Carry well above roofs and terminate with cowls in accordance with Wellington City Bye-laws.

Urinal - Provide and fix white enamelled cast iron urinal of the p.c value 18/- to be supplied with cistern &c. same as above and connected

up to drain &c. in accordance with Bye-laws.

WATER SUPPLY. Lay on the water from the Corporation Main in street with $\frac{3}{4}$ " dia. screwed galvanised iron piping. Separate $\frac{1}{2}$ " branches to convey water to each W.C. and urin al cistern, sink and one stand-pipe inside. All pipes to be of L. & L. galvanised wrot. iron with screw joints, elbows, bends &c. coated with thick red lead.

Each of the above named places to be supplied with Fiddian's or other approved high pressure bib cocks and regulating valves to cisterns, with screwed nozzles and couplings to stand pipe to approval. The taps for all cisterns to be fitted with copper balls and patent silent valves complete to approval.

The supply for tank is to be $1\frac{1}{2}$ " supply pipe L. & L. galvanised wrot. iron fitted with meter and approved valve and to be in accordance with City Bye-laws.

SINK. - Provide and fix an 18" white enamelled sink in Class room.

~~BATH - to be constructed of No. 22 gauge galvanised iron well soldered and riveted at all junctions and right angles. To be constructed above the excavation for bath, and after made, it is to be tested to satisfaction and then lowered into position, care being taken not to buckle or damage the iron. in any way.~~

Provide and fix an approved valve at lowest end of bath to discharge water into drain.

DRAIN VENTILATION - From the sewer side of Buchan trap lead off a 4" dia. 22 gauge grooved and soldered galvanised iron vent pipe carried above main roof and terminated with a 12" Boyle's cowl, to approval.

The vertical soil pipes of W.C.s above ground level are to be 4" dia. heavy cast iron socket piping caulked and jointed in lead, gas proof. Vertical soil pipes to be carried in 3" dia. same as main vent and terminated with approved caps : all soil pipes to be firmly secured into position with wrot. iron straps to approval.

All the above work to be carried out strictly in accordance with City Bye-laws relating thereto, and to the approval of Architect.

DRAINS - Provide and lay as shown and directed 4" dia. glazed stoneware socketted drain pipes, laid in concrete, all jointed in ~~red~~ cement and laid to even and straight falls, with all necessary branches junctions bends &c. to the satisfaction of the Architect.

Provide and ~~fix~~ approved glazed stoneware gully traps and an approved 4" glazed stoneware Buchan trap all as shown and directed, with the fresh air inlet brought to the surface with grating complete.

GAS.

Lay on a gas service from Gas Co main with $\frac{3}{4}$ " lead to 12 points, all pipes to be black screwed iron, jointed in red lead of sufficient capacity to take the various lights in accordance with the Regulations of the Wellington Gas Co., nowhere less than $\frac{1}{2}$ " & $\frac{3}{4}$ " branch to gas stove in stove. Provide fittings of the total p.c. value of £20: 0: 0.

~~The Proprietors will provide and fix.~~

TILE ROOFS -

The Proprietors will provide and fix to all the roofs of Main Building "Lion" Brand Marseilles red tiles, complete including battens, wire &c.

All above to be flashed with ^{24 gauge galvanized iron} ~~5 lb. lead~~ as previously specified, also supply and fix 5 lb. lead valley gutters, and secret gutters where required, laid ~~on~~ inch boarding and turned up over feather edge fillets.

P L A S T E R

The brick walls to entrance Hall and the two front rooms are to be rendered in cement stucco ^{the floor} $\frac{3}{4}$ " thick direct on to brickwork and trowelled smooth to Architect's satisfaction.

STUCCO - is to be composed of two parts clean sharp fresh water sand and one part best quality Portland cement, finished half and half.

The whole of the exterior face of brickwork where shown by light yellow colour on front, back and side down to surface level side backs and tops of all parapet walls, returns and reveals are

are to be rendered with cement stucco $\frac{1}{2}$ " thick, finished in two coats, trowelled smooth with a steel trowel, ~~and jointed out to represent Ashlar work.~~ Staircases and entrance Hall to be similarly finished and twice washed with coloured cement.

Execute all enrichments, run all cornices, and other mouldings, also execute all lettering &c as shewn in raised letters to approval

The plasterer is to execute the whole of the work as generally required in his trade, neatly cut all moulds in sheet iron to approval, run all screeds, cut all mitres, cut out soft parts and make good, and generally do and perform everything that may be required of a Plasterer in his own trade or in the assistance of other tradesmen to complete the whole of the work in accordance with the drawings and Specification. Full size details will be given for all plaster mouldings and enrichments.

PAINTER & GLAZIER.

Paint to be composed of best white lead of approved brand well ground and mixed with linseed oil, stained and picked out in approved tints, each coat of paint to be well worked into all corners.

EXTERIOR WORK. The whole of the exposed wood and ironwork is to be primed stopped with putty and painted in addition with three coats of best lead in oil work finished in approved tints to approval.

Sashes picked out and doors boldly relieved.

Entrance doorways worked up in flat tints, panel mouldings relieved in two lines gold leaf and twice copal varnish.

~~Work of Glaziers to be provided.~~

The Brickwork to Arthur Street front is to receive three good coats of ^{Cyberline's} ~~best~~ paint to approval.

INTERIOR WORK. Carefully rub down with sand paper interior finishing such as doors, architraves, skirtings, mouldings, &c. &c., ^{stopped with coloured} ~~leaving all~~ ^{partly} ~~at the~~ ^{boarded} match lined walls and ceilings.

The interior of the gymnasium and bathroom, including floor joists, roof principal &c. is to receive three coats of cement wash to approval.

GLAZIER.

The lower sashes to all the windows throughout to be glazed with approved figures Muranese or pattern glass in selected tints.

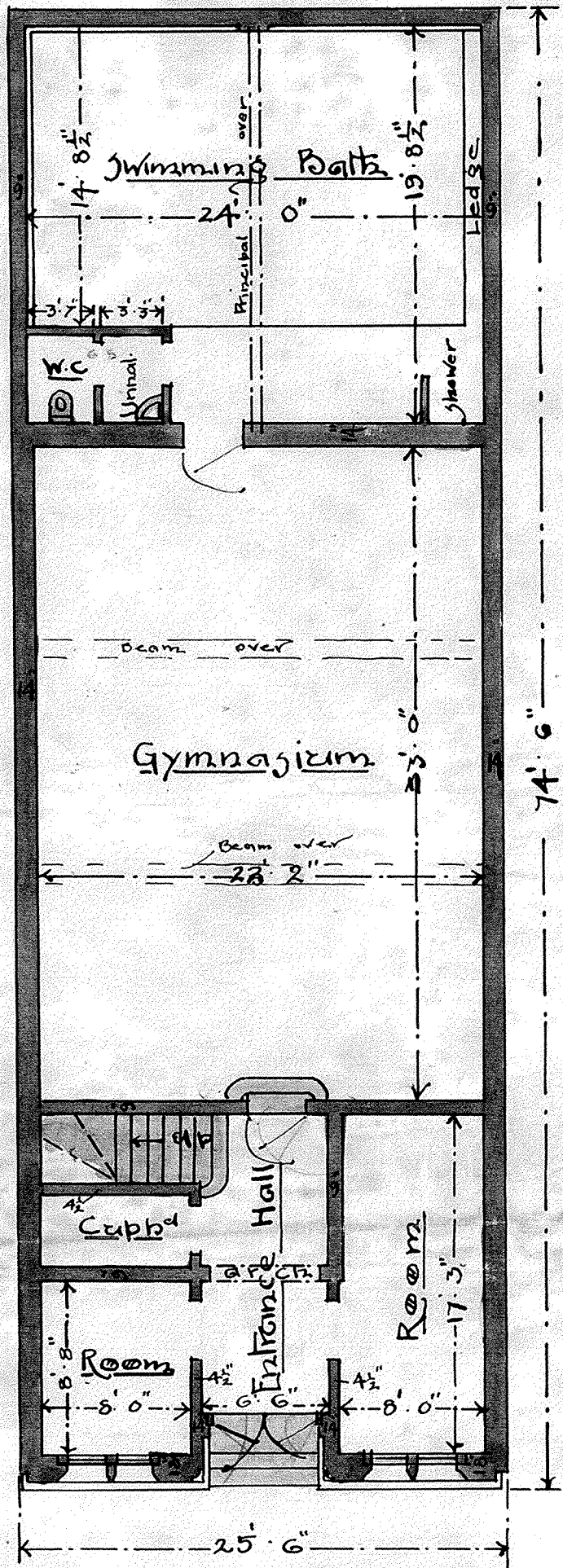
Upper sashes and fanlights of windows are to be glazed with best 21 oz. sheet glass free from all defects. Upper panels of front door are to be glazed with figures Muranese glass in approved tints.

All glass to be well bedded, puttied and back puttied. Leave all sound and clean down glass at completion.

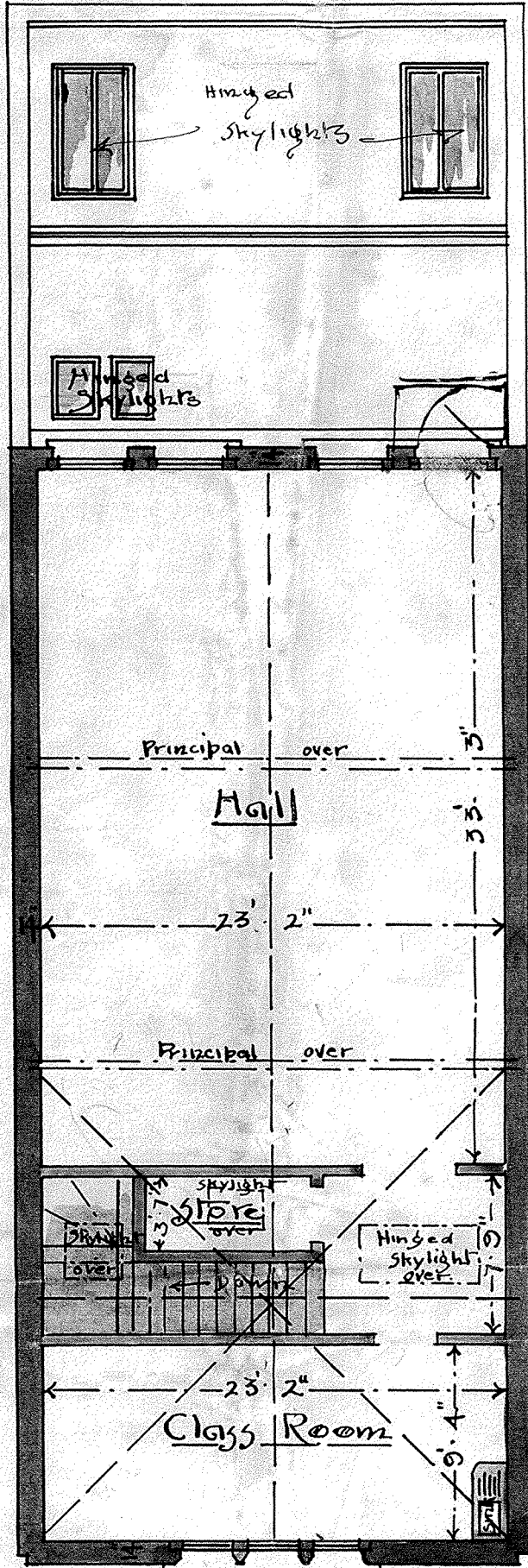
*The walls of normal to be plastered,
floor concrete.*

The Boys Institute
Arthur Street
WELLINGTON

— Scale 8 feet to an inch —



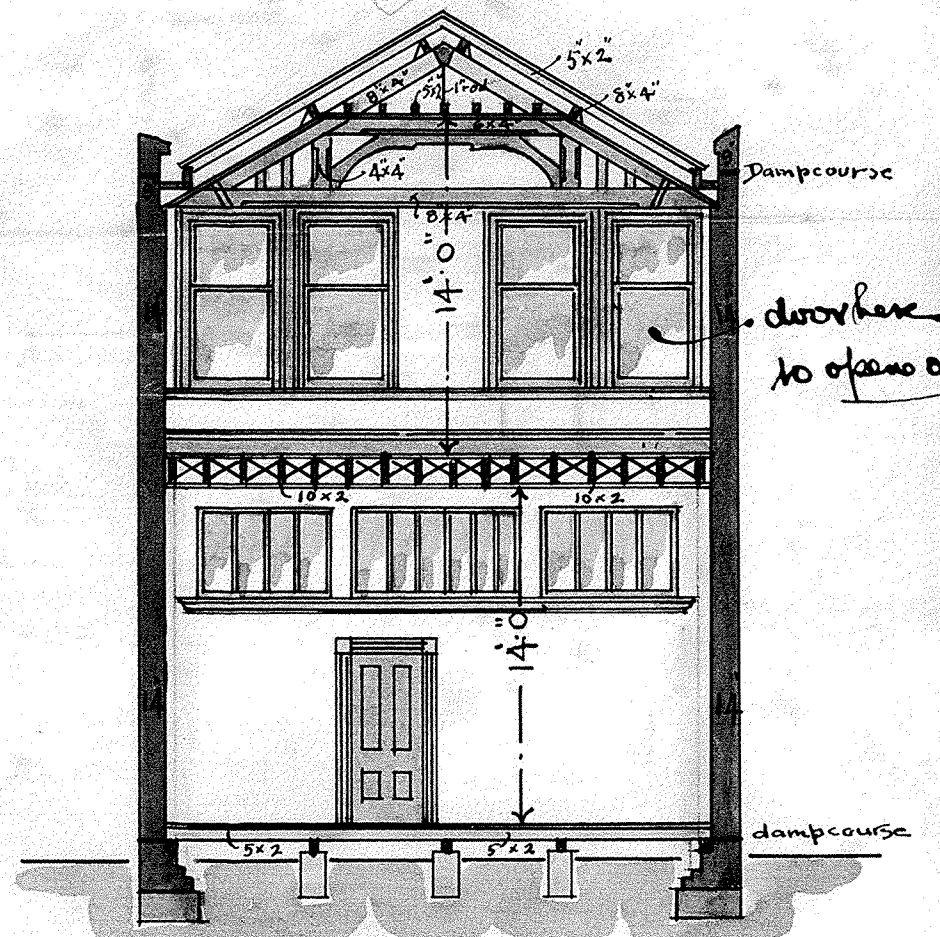
— Ground Plan —



— First Floor Plan —



One of the back windows to be made into a doorway on 1st floor
 gable pitch of back roof? 27° or small platform will be fixed if required



— Cross Section —

Report No. 0.0
 Permit may be issued
 H. F. L.
 25-9-06

W. G. Young
 Architect
 21st Sept. 1906