William Booth N.Z. Memorial
Training College
Wordsworth St. Wellington.

Tenders close Saturday April 26th @ noon

Amount of Deposit £50.0.0

Date of Completion. Nine months from date of Commencing work

Penalty of non-completion. £10 per week

Period of maintenance Three months.

Cubicles Incinerator

Councils Copy

S P E C I F I C A T I O N S

of work required to be done in the erection and completion of the WILLIAM BOOTH NEW SEALAND MEMORIAL TRAINING COLLEGE, Wordsworth Street, Wellington, in accordance with the accompanying drawings Numbers 1 to 4 respectively, this specification and the directions of

STANLEY W. FEARN and
AUSTIN QUICK

Architects

100 Customhouse Quay
Wellington.

OC 9602

SPECIFICATIONS OF WORK required to be done in the erection and completion of the WILLIAM BOOTH NEW ZEALAND MEMORIAL TRAINING COLLEGE, Wordsworth Street, Wellington, in accordance with the accompanying drawings Numbers 1 to 4 respectively this specification and the directions of

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FEBRUARY 1913.

PRELIMINARY.

Notices — The contractor to give all requisite notices to the City Council and other Authorities and furnish ~~and~~ and deposit all necessary drawings and pay all fees legally demanded in respect of the works.

Damage. — Provide for making good all damage done to the roadways, adjoining buildings, or to the public by reason of these works.

By-Laws — The Contractor to conform in all respects to the provisions of any Acts of Parliament, Regulations, and By-laws of the City Corporation or other authorities and he shall immediately give the Architect notice of any alterations that may be required by them and apply for instructions before proceeding with the work.

Water — Provide water for the use of the works and pay all charges for same and connecting up a permanent supply to the premises.

Plant etc. — Provide all manner of goods materials labour plant scaffolding covering up with tarpaulins also for all wheeling, basketing, cartage etc and for removing all superfluous earth, rubbish etc and for wheeling and spreading over the site as may be directed.

~~Insurance~~ — Provide for insuring the premises for the full extent of the contract sum in an approved office directly the first floor is laid and deposit the policy with the Architects.

Alterations — No deviations from the plans and specification to be made or any

extra work executed without a written order from the Architects.

Sub-letting — The names of all Sub-Contractors must be submitted to the Architects for their approval. The contractor will be responsible for the quality and quantity of all work executed by Sub-Contractors.

Case in — Case in or cover any work likely to get damaged during the execution of the work

Restore Shrinkage — The contractor is to provide for keeping the building and appurtenances in order for a period of 3 months after the actual completion of the work and to make good any defects caused by shrinkage settlement or bad workmanship.

Contingencies — Provide the sum of £100 nett for contingent works if any that may be ordered in writing by the Architects to be deducted wholly or in part at settling if not used or only partly used as the case may be.

Shed — Provide a shed for covering up cement etc also an office with desk and drawer for the use of the Architects etc to be removed upon completion of the works.

Foreman — Provide for keeping upon the works a proper foreman. The Contractor will be held responsible for all orders given to him by the architects.

Nett Prices — The whole of the p.c. and provisional amounts are nett to the contractor who must in all cases add for what profit he requires also carriage and packing.

Waiting upon — Provide for waiting upon and making good after all trades and in all trades

Completion — The whole of the work is to be completed in a thoroughly workmanlike manner to the entire satisfaction of the architects and is to be handed over clean and fit for occupation. All floors being scrubbed windows cleaned stoves etc blacked with-

in nine months of a written order to commence the works under a penalty of £10:0:0 per week as liquidated damages for each week or portion of a week that the works remain incomplete after the expiration of the said nine months. Due allowance of time will be made for rough or inclement weather general strikes of the workmen and other causes at the discretion of the Architects.

Estimate — The Contractor before commencing the work must deposit with the Architects a copy of the original detailed estimate prepared By the Contractor for the sole use of the Architects and for the purpose of the Contract only.

Pumping — Do all necessary pumping that may be required for the excavations.

Fees — The Contractor is not to allow in his estimate the sum of 1½%, fees payable to the Architects:

EXCAVATOR, CONCRETOR, AND BRICKLAYER

Oversite — Excavate the ground over site as shown and required and wheel and deposit to front of site as shown on Block Plan and form Terraces.

The making up shown on Block Plan will be governed by the amount of excavating and must be taken as approximate.

All cuttings to have a good batter as shown and in no case less than shown on drawings. Properly grade and level all new paths and the making out in front of building.

Trenches — Dig trenches to the widths and depths shown or figured in the plans for the various foundations, footings, walls, piers, and

the drains and other pipes. Level and beat down to a hard consistence the beds of trenches and fill in and ram to the fottings as the work proceeds.

Making up — Make up under the floor of Dining Rooms etc where above existing ground level with hard stiff well rammed and levelled for concrete hereafter specified.

Concrete (over site) — Cover the whole of site where shown with a bed of cement concrete 4" thick composed of one part of approved Portland cement, one part of sand, four of clean shingle to pass a 2" ring to be thoroughly mixed together on a boarded platform no water being added until the whole has been well turned over and carefully level on surface to receive cement rendering hereafter specified. Form 2" x 2" curb to kitchen hearth rendered in cement.

Ditto (in trenches) — Fill in the trenches with cement concrete as before and carefully level on surface to receive footings.

Concrete floors etc — Provide and fix all necessary flat boarded centering, boxing, etc as may be required for the concrete floors maintain same and finally remove at completion. Form concrete floors reinforced as shewn with ½" and 3/8" round steel rods, tension pieces etc all securely wired together. The concrete is to be composed of one of approved Portland cement four of broken shingle or metal to pass a ~~2½~~ 3/4" ring and sufficient clean sharp pit or river sand to completely fill the voids to the approval of the Architects. All to be mixed as before specified and well rammed and carefully level on surface to receive flooring hereafter specified. All steel beams to be embedded in concrete as shown.

Construct the stairs in re-enforced concrete as before and with two ½" bent rods top and bottom to strings securely wired together with No 3 wire at a 4" pitch. All steps to be built into brick work at least 9".

All re-inforced work is to be done in sections and as approved and no work is to be carried out upon same until

the concrete is thoroughoy set.

Concrete Lintols Form re-inforced concrete lintols to windows and door openings as shown to have four ¾" rods placed near bottom of concrete.

Concrete bands Form all necessary re-inforced concrete bands to all walls as required by the City Council. To be kept back 4½" from face of wall where finished in red brick.

Conduit Pipes Before concrete is put into boxings all necessary conduit pipes for electric lights etc must be placed in position in floors and walls to enable wires and pipes to be taken to the different points marked on plan. All pipes to be laid so as not to interfere with the re-inforcement of floors and to approval.

Drainage Lay the whole of the rain water and soil drains as shown on block plan with 4" & 6" vitrified tested socket jointed pipes laid to proper falls all laid on and entirely covered with cement concrete where under building jointed in cement and provide all necessary bends junctions cleaning eyes etc. Provide and fix where shown approved Buchan trap and fresh air inlet finished against fence with mica flap valve. Pay the charges of the Local Authorities for opening up roads and inserting eyes. Provided and fix as the top of all rain water pipes to the sinks, lavatories, bath wastes, urinals, surface water and where else required, glazed stoneware gully traps and connect to drains in the best manner. Ventilate the drains where shown and required with 4" and 3" heavy weight cast iron outlet vents run up above the eaves and finished on top with galvanized wire balloons. All drainage work must be carried out in accordance with the rules and regulations and to the satisfaction of the City Corporation.

Provide in addition for altering and re-laying the existing drains from cottage on site where in the way of the new building with new pipe as before. This drain may be connected to sewer in Ohiro Road if found more expedient.

Remove or seal up all old drains on the site as may be required. Provide and fix to urinals approved urinal disconnecting trap and grating in floor and connect to drain in the best manner and form all necessary channels etc. Form half brick curbs to all external gulley traps where required in and rendered in cement and where below ground level the same to have iron gratings just above ground level.

Templates Provide and fix under all steel beams 9" X 6" cement concrete templates to be 2" wider than the beam itself.

Urinal Divisions Form two divisions for urinals 1'-6" X 4'-0" X 3" of re-inforced concrete all rendered in cement smoothly trowelled.

Steps Form cement concrete steps to Students Entrances also to entrances to Kitchen wing of 4" cement concrete.

Ferro-Concrete Partitions Form ferro-concrete partitions and floors for cleaners sinks on half landings as shown of 4" cement concrete re-inforced with vertical ½" rods and horizontal 3/8" rods wired together and set at 12" centres each way.

Pull Down The contractor need not allow for pulling down or removing the existing buildings fences etc where in the way of the new building as this will be executed by our clients.

BRICKLAYER

Materials The Materials are all to be the best of their respective kinds and free from all defects.

Cement The Cement is to be Portland of the very best quality, finely ground to pass through a sieve of 2,500 meshes to the square

inch and shall not leave more than 10% residue;when mixed with water; the cement shall not set in less than one hour.

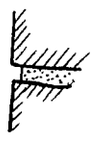
Bricks — The whole of the bricks used upon the works are to be hard sound square and well burnt, all free from bats, cracks, and soft and inferior quality bricks. Those used for facings to be of an approved firm but are not to be picked and of an even colour as a good variation of colours is desired. On no account are the facing bricks to be treated with red ochre or any other colouring matter but to be left in their natural state. The brick face to be of first quality ordinary building bricks with Messrs Tonk's dark clinker press for window quoins and guaged arches. A fair sample of both facing and backing bricks to be submitted to the Architects before being ordered.

Brickwork — The brickwork is to be laid in English Bond completely laid in and entirely flushed up ~~x~~ every course with cement mortar composed of one part of cement to three parts of clean sharp pit or river sand, each brick to be well wetted before being laid and to have 3/8" joints.

Internal Partitions — The internal brick partitions colored red in plan are to be 4½" all laid as before and in addition to be re-inforced every fourth course with two rows of strong hoop iron tarred and sanded and built in to all cross walls in addition to brick bond. Other approved re-inforcement may be employed if desired.

Footings — Put to all walls and piers etc projecting footings built in 2½" offsets as shown on drawings.

Pointing — Rake out the joints of brick facings as the work proceeds and point up with neat cement (uncoloured) recessed as shown in sketch. The joints under cement facings and internally under plaster will be left unstruck to form a key for rendering.



Chimney Pots — Provide and fix to all smoke flues short lengths of 9" unglazed

drain pipe as pot flaunched up in cement.

Damp Course — Provide to all walls which go below ground horizontal damp proof course at level of top of concrete to ground floor composed of No 3 ply Malthoid to be the full width of wall. Provide and fix to all walls where floor is below ground level vertical damp proof courses as before laid as may be directed.

Arches — The whole of the external arches where shown on drawings to be flat gauged arches 4½" thick of rubbed pressed brick of the depth shown and perform all cutting to form skewbacks etc. Form Key Stones as shown to be rendered in cement.

Relieving Arches — If preferred the Contractor may form lintols to window and door openings in lieu of re-inforced concrete with wood 1" in depth for every foot of clear bearing but in no case less than 3" deep and all to have a wall hold of 6" and turn relieving arches over same of two half brick rings with whole bricks against skewbacks. Form fireplaces arches cambered in cement and including 2" X 5/16" wrot iron bars built into jambs split and turned up and down. Kitchen fireplace to have 3" X ½" bar.

Air Bricks — Form flues through walls for fresh air inlets where directed finish inside flue with galvanized iron. Provide and fix on outside 9" x 6" terra cotta gratings. All flues to have a steep fall to outside and finish ~~for~~ on inside as hereafter specified. The contractor is to provide for thirty eight of these fresh air inlets.

Beddings — Bed in cement mortar all plates, lintols, wood, bricks, templates and other work set in the brickwork and bed screed and point all door and window frames.

Limewhite — Point up and twice limewhite the walls of Fuel, Boots, Larders, Washhouse, Box-Rooms, and Cleaners sinks.

Flues — Form core and parge with mortar the whole of the flues and set the chimney pots well flaunched up with cement. The hot water

boiler need not have separate flue. The iron flue from same can be taken into range flue which must be 14" X 9".

Vent flues — Form 9" X 9" and 14" X 9" extract vent flues as above and shown with inlets in breasts just below ceilings internally. Cover same and finish outlets above roof with terra-cotta gratings.

Brick pavings — Pave the floor of Cloisters with brick paving laid flat and straight and form steps as shown all on 4" cement concrete.

Set Stoves — Properly set all stoves, range, mantels, etc. all properly backed up with brickwork.

Copper — Build the necessary brickwork for and set the copper with all necessary iron work dampers etc and render in cement. The top to have a fall inwards.

Listings — Perform all necessary listings and filletings and point up to flashings in cement.

Beam-Filling — Execute the beam filling between the feet of rafters and joists to the underside of the tiles.

Corbels — Corbel over for the flues etc as may be required in 2½" offsets

Chases — Cut all necessary chases holes etc for the rain water soil and other pipes.

Breize bricks — Provide and fix in brickwork where required for fixing joinery 9" x 4½" x 3" coke breeze or totara bricks, dovetailed as sketch

Mat Sinking — Form mat sinking as shown to Vestibule and finish around same with w. i. frame.

Tile Paving — Provide and lay on proper cement screed to Vestibule 6" x 2" red encaustic tile paving to include all cuttings, laid herringbone and finish at edges in the best manner.

T I L E R

To include all necessary cuttings filletings pointings etc.

Roofing Tiles — Cover the whole of the roofs with Marseilles tiles on and including all necessary battens each tile securely wired thereto.

Ridges — Provide and fix to all ridges and hips plain ridge tiles bedded and pointed in cement.

CARPENTER, JOINER, AND IRONMONGER

The whole of the timber throughout to be the best of its kind, thoroughly well seasoned and free from sap shakes large loose or dead knots wancy edges and all defects. All joiners work except where otherwise specified to be in 1st Quality Ht: red pine.

Fixing — All the timber work is to be thoroughly secured and framed together spiked, or bolted down as the several circumstances may require. All plates being halved and spiked at the joints and angles. No joists quarters or rafters to be spaced more than 16" centres. The floors, roofs and other works are to be framed and trimmed to the openings as may be necessary. The trimming timbers being for every tenon received an extra 1½" thicker than that specified for the joists bearing thereon. All framing timbers to be what is known as first class ~~C.P.~~ Ht: red pine.

Beads — Provide and fix all necessary beads, stops, fillets, backings, linings, casings, firring, and bearers that may be required for the proper carrying out and completion of the works whether more particularly described herein or not.

Details — All Detail drawings to be carefully worked to.

Boxing etc. — Provide all necessary and approved boxing for foundations beams floors etc and where else required to be well cramped up and strongly supported to remain in position until the concrete has thoroughly well set. Provide bevelled fillets in boxing for beams to remove sharp arrisses of concrete.

Joiners Work — All joiners work is to be wrot and finished with a smooth and even surface and all to be home made.
The joiner is to execute all grooving tonguing rebating mortiseing, framing, planing, and all work that may be requisite for the proper carrying out of the work. All moulding to be mitred at the angles. The whole of the joiners work is to be put in hand immediately upo signing the contract but not glued up until required. All linings to be tongued at angles.

Glue — All the external mouldings to be fixed with a mixture of glue and white lead.

Scantlings — Frame the roof together as follows :- Plates 4½" x 3", ceiling joists to main building 6" x 2", over staircase 5"x2" over lecture hall 15" x 2" over Dining Rooms 6" x 2½" servery 4½" x 2" Kitchen 7" x 2½" passage and larder etc 5" x 2" Purlins 8" x 6" Binders over Dining Rooms 9" x 6" rafters to Dining Rooms and Kitchen Wing ~~4½~~ 4½" x 2". All other rafters 4" x 2" Ridge Boards 9" x 1½" hips 9" x 1½" valleys 9" x 3" Studs to wood partitions running from floor to ceiling 4" x 2" Heads and sills 4" x 2". Note the partitions between cubicles will in all cases be only 7'-2"high to top of cap from wood floor level and will be formed of 3" X 2" studs with 3" x 2" heads and sills Not 4" as shown on plans. Where bath-room occurs the brick partitions will,of course, go the full heigth from floor to ceiling. This also applies to Teachers' Bedrooms and the Sick Rooms. Provide for strutting up the purlins wherever possible and when not supported by trusses, with 4½" x 2½" and 4" x 2½" struts as shown. All to have a good bearing on partitions walls

etc. Provide and fix at all angles where possible 4" x 3" dragon ties spiked to plates. The partition adjoining H.M.C. to have 5" x 2" studs set up above floor in order to run waste pipes below same.

Roof Trusses — Frame up and form king post trusses as shown and in the best manner with 10" x 5" tie beams, 5" x 3½" principal rafters, king post 5" x 3½" waist and 4" x 2½" struts, complete with all necessary three way straps etc, wedges, bolts, nuts and washers and wood cleats. Top of king post to be grooved to receive ridge.

Gallery — Frame up Gallery as shown with Trusses of 10" x 2" beams 6" x 2" rafters and 4" x 2" struts spaced 2'-0" apart and to be securely spiked to all plates and plate bolted to 14" x 6" R.S.J. Provide and fix one row of solid bridging in between as shown. Make out to form steps with 4" x 2" to form spandrils on each truss.

Herring-Bone Strutting — The ceiling joists over Lecture Hall are to be strengthened by continuous tiers of 2" x 1½" herringbone strutting not more than 10'-0" apart securely nailed to joists. The stud partitions are to be strengthened by one row of solid bridging.

Gutters — Form gutters behind parapets and where else shown of 1" rough boarding laid to proper falls and including all necessary bearers.

Flat Roof — Cover the Lecture Hall with 1" rough boarding with edges shot, the joists, to be firred up to proper falls and form gutter with outlets etc as shown and in the best manner.

Eaves. — Provide and fix to the eaves at back and sides of main building as shown a moulded cornice of 1" ~~rough~~ wrot moulded fascia ¾" wrot moulded soffite with a small mould at angle and a 4" bed mould with 4 plain modillions at each angle as shown. A moulded C.I. gutter specified in Smith will form the top member of this cornice, to have a small hollow mould under.

Form eaves to Dining Room and Kitchen wing with 1" fascia and ⅜" soffite secured to feet of rafters and with 4 plain modillions at angles as shown, the top member will be formed with a moulded C.I.gutter as before and with small mould under.

Flooring

Cover the whole of the floors except where otherwise specified with 6" x 1" T & G wrot Ht Matai well cramped up and nailed with 2½" cut floor brads two to each batten to every board.

All wood floors to be on 3" x 2" red pine battens, spaced, 1' 6" centres and laid on concrete or cement rendering hereafter specified.

All flooring to be cleaned off at completion of contract and no flooring to be laid until the consent of the Architects has been given. Flooring and steps to gallery to be similar but 1½" think.

Skirtings

Skirt the Vestibule, Crush Hall Corridor to main building G.F., Libraries, Staircases, half-landings, Lecture Hall, Principal's Room, Reception Room, Corridors, and Staircases on Lower Gound Floor and Gallery Hall with 5" x 1¼" ~~moulded~~ chamfered. skirting.

The principals Suite on First floor, Class Rooms, Dining Rooms, Teachers' Rooms, and around gallery ~~to be skirted with 6" x 1" bevelled ditto~~ and. all other skirtings to be 6" x 1", ~~square~~ chamfered are. When walls are pointed and limewhited there will not be any skirting

Staircases

The Staircase will be constructed of concrete as before specified treads, risers, and landings to be plugged for and cases with 1" jarrah treads with rounded nosings and ⅜" red pine risers tongued to treads. Case in sides with ½" cut and bracketted string with small mould on lower edge.

Case in edges of landings with ⅜" linings and finish with 1" jarrah nosings. All newels to be 5" x 5" with handrail returned round same to form cap. Provide and fix 3½" x 2½" wrot moulded handrail, halved, and carried down soffite of

stairs above same and fill in with 1½" x 1½" wrot turned balusters square top and bottom. Carry skirting up and around stairs to form string.
Form steps where shown on plans similar to flooring and with rounded nosings.

Cup-Boards — Form cupboards where shown with 3" x 2" studs heads and dills lathed externally for plaster and lined inside with 4" x ~~8~~ 1(⅞)" T & G,V jointed vertical linings finished at top and against floor with small hollow mould. Fix up 1" wrot shelves on proper bearers, three tiers in Kitchen and Servery cupboards. The linen cupboards will have 4 tiers of open grating shelves. Doors to be of 1½" square framed two panelled same height as those adjoining hung with 3" cast butts and finished with small cupboard turns. Cupboards in Kitchen and Servery will have small locks in addition.
Form cupboard in Classroom as shown of 1½" square framed panelled with doors hung folding furnished with small cupboard turns and bolts against floors. Provide and fix four tiers of shelves as before. These cupboards will be 7'6" high. Cover same and finish around with small mould as cornice.

Shelves — Provide and fix in Scullery, Washhouse, Larders and Drying Rooms three tiers of 1½" shelving as shown all on proper bearers. Boots to have two tiers only. Also in both Teachers Rooms three tiers on each side of fire places.

Copper Lid — Provide a circular copper lid of 1" pine wrot in two thicknesses with shaped handle.

Sinks. — Properly set the sinks in scullery hereafter specified on all necessary bearers and fill in under same with 1½" square framed panelling with two pairs of doors hung folding and furnished with small bolt and cupboard turns and fit up inside two tiers of 1" shelves on proper bearers. Provide and fix a 1½" Kauri Top in four pieces grooved and fitted with a fall to sinks Form fronts to cleaners sinks on half landings similar to above.

Doors (external)

Provide and fix to the front entrance 2" totara wrot framed raised panelled and bolection moulded doors with upper part prepared for glass with 1½" moulded and rebated bars and hung with three pairs of 4" antique butts to 4½" x 3" wrot rebated and chamfered totara door frames all hung folding with rebated and beaded meeting stiles. Main Entrance doors to have furniture and lock complete P.C.35/- brass knob barrell bolts top and bottom and brass hooks and staples. Main Entrance doors to lower ground floor to have furniture and locks P.C.25/- each pair of doors with bolts as before.

The Main Entrance doors to have 6" x 4" moulded weathered and throated transome and filled in above with 2" fixed fanlight prepared for glass with 1½" rebated and moulded bars.

The doors to cloister from main corridor to be first class oregon pine 2½" thick similar to front entrance doors but with plain panels and rebated and chamfered bars, stiles and rails and 4½" x 3" rebated and chamfered oregon frames and transome. Fill in over with 2" wrot oregon rebated and chamfered fanlight and 1½" bars hung at bottom to fall in and furnished with opening quadrants cords and cleats. Provide and fix furniture and locks complete P.C.12/6 and brass knob barrel bolts top and bottom. The doors to fire escapes to be similar to the above in all respects but without fanlight and panels bottom rail to be rebated and to close against 1½" x ⅝" W.I.weather bar.Cover same with 2" oregon wrot and continue cap mould of partitions around same.

The doors to Dining Room from Cloister to be single doors similar to the above but without fanlights and to have furniture and locks complete P.C.12/6 and bolts as before.

Doors to Teachers Rooms etc from Cloisters to be 2" thick oregon wrot 4 panelled doors with stop chamfered rails and stiles externally hung to 4½" X 3" rebated and chamfered frames, by 1½ pairs of 4" antique butts fitted with strong rim lock and brass furniture and bolts as above.

The doors to Kitchen Wing to be similar to those from Dining

Room to Cloister with strong rim locks and brass furniture and brass knob barrel bolts.

Doors to wash-house and coals to be 2" orgeon wrot framed and braced doors clothed with 4" x 1" vertical T & G, V jointed hung to frames with two 4" steel butts and provided with strong rim locks and brass furniture. Provide and fix to coals as shown 2'6" x 3'6" orgeon wrot framed ledged and braced door as before to form shoot with small glazed panel in same fixed at a height as directed.

The doors from Reception and Principals Rooms on to Balconies to be similar in all respects to those of lower ground floor and hung to frames as before and with 4½" x 3" rebated and chamfered transomes of 2" opening fanlights over, complete with quadrants and cords and cleats. ~~Complete~~ Furniture and locks P.C.12/6 and brass flush bolts top and bottom to each pair of doors.

Doors (Internal)

The doors to vestibules to be 2" thick red pine panelled and glazed similarly to entrance doors and with loose glazing mould and 1½" moulded and rebated bars hung to 4½" x 3" rebated and chamfered frams and provided with Smith's or other approved spring hinges and floor clips complete also antique pull and push plates P.C.20/- each door. Fill in margin lights with 2" fixed sashes moulded and rebated for glass and with loose glazing mould and with fixed fanlights over. The doors to Crush Hall to be similar in all respects to above, and those to Lecture Hall and Gallery to be similar but without fanlights and margin lights and hung to 1½" rebated linings with 1½ pairs of 4" antique butts.

The rest of doors to Lecture Hall to be single doors to match the above hung as before and with furniture and mortice locks complete P.C.10/6 per door.

The doors between Lavs. and W.Cs. to principal's and Reception Rooms also to Libraries and between Ante and Principals Sitting and Bedroom will be 2" thick three panel square framed doors upper panels prepared for glass with 1½" rebated

and moulded bars hung to 1½" rebated linings as before with 1½ pairs of antique butts and mortice locks and furniture P.C. 10/6 per door.

Fill in above transomes with 2" rebated and moulded fixed fanlights.

The whole of the doors to cubicles to be 2'4" x 6'8" ledged and braced doors made up of 1½" battens and clothed with ¾" T & G V jointed boarding hung to 1½" rebated linings with one pair of 4" butts and furnished with antique Norfolk latches P.C.3/- each. Finish on top of all cubicle partitions with 6½" x 2" moulded capping mitred around architraves, see sketch.

Doors to Sick Rooms Bathrooms and Linen Cupboards adjoining Cubicles and H.M.C's to be similar to above but Bathroom doors to be 2'6" wide and to have smallbrass bolts in addition.

The doors of latrines on Lower Ground floor to be 2" thick kept up 3" from floor three panel doors with upper part prepared for glass with rebated moulded stiles and rails 3" rebated transomes and with 2" rebated and moulded opening fanlights over with opening quadrants cords and cleats complete.

The door to W.C. and Fuel in Kitchen wing can be similar to cubicle doors and with japanned Norfolk latches. W.C.door to have barrel bolt in addition. The doors to cloak rooms and lavatories to be three panel square framed doors with upper panel rebated and filled in with strong wire mesh for ventilation furnished with mortice locks and furniture as before.

The whole of the remaining doors to be 2" four panel square framed doors hung to ~~1½"~~ 1¾" rebated linings by 1½ pairs of 4" antique butts and fitted with strong mortice locks and brass furniture P.C.10/6 per door. The doors to stores under stairs will be furnished with antique Norfolk latches similar to cubicles.

Partitions to Drying Rooms

Provide and fix a 1½" wrot panelled partition with upper part prepared for glazing and with two 9" x 2" openings in top rail for ventilation.

Lockers — Fit up twenty-five lockers in each cloak room as shown 12" x 12" x 1'2" high internal dimensions out of 1" stuff with plain doors hung at top and fitted with jappanned clasp and staple for padlocks. Continue skirting round at base and finish around top with small cap moulds.

Seats etc — Form seats where shown in Cloak Rooms with 1½" wrot red pine with rounded nosing on all necessary bearers. Also form cloak rails with 4" x 4" posts 6'6" high with cap and base moulds and fill in between same with6" x 1½" chamfered rail and with 18 jappanned hat and coat hooks spaced 12" apart on same. Provide and fix where directed in each cloakroom spaced 12" apart on 6" x ¾" beaded backing 7 hat and coat hooks as above. Provide in addition for fixing where directed 20 brass hat and coat hooks.

Wood-steps — Provide and fix as shown two sets of totara steps formed of 2" strings with 1½" x 10" treads housed to same.

Dais — Form Dais as shown in Classrooms and Dining Room on all necessary bearers similar to flooring 7" high with rounded nosing and ¾" risers.

Platform — Form Platform as shown in Lecture Hall carry round skirting at base fill in front and sides with ~~X~~ 1½" selection moulded panelling with raised panels, floor as before specified and finish with small mould as cornice. The steps to be 1" treads with rounded nosings and ¾" risers and fill in with ¾" spandrils. All on strong and sufficient bearers etc.

Mock-panelling — Form mock panelled dado to Lecture Hall of 4" x 5/8" battens and ¼" panels securely fixed to proper backing. Make out for and carry skirting around and finish at top with 3" cap mould. All panelling to be square framed.

Wash- tubs — Fit up wash tubs in Wash-house on 3" x 2" framed bearers. Form tubs out of 1½" wrot Kauri with grooved sides and bottoms and 1" divisions, bed in white lead and make perfectly water-

tight.

Tobin Tubes — Form 9" x 9" tobin tubes in both class rooms as shown of 1" wrot red pine 6'6" high. Finish at top with strong wire gauze and small mould as cap and connect to fresh air inlet in the best manner and make all air-tight.

Gallery Front — Form sides to gallery 2'6" high with 3" x 3" chamfered posts securely fixed spaced 7'0" apart and with half posts at ends and fill in with 1½" square framed panelling bolection moulded and raised panels on outer side housed to posts. Form top of 5" x 1½" rounded on top edges and with small mould under. Top will be French polished as hereafter specified. Case in steel beam with ¾" beaded casing and finish with 7" moulded cornice.

Windows — The Windows throughout except where otherwise specified are to be double hung 2" moulded oregon sashes with 1½" moulded and rebated bars hung with best quality silver lake cords and iron weights in totara cases frames, 1½" pulley styles and 1" inside and outside linings grooved for plaster where cement face occurs and all necessary parting beads, backlinings, parting slips. pocket pieces etc 3" sunk weathered sills full width of frame grooved for and fitted with galvanized iron water bars.

Furnish with approved brass or antique fasteners and lifts P.C.36 per window and 2½" brass bushed axle pulleys. Provide and fix to all windows 1½" nosings or window boards as required with hollow mould under mitred and returned.

Linings Architraves — Case round all window openings where set 4½" from external face with ¾" pine wrot beaded linings. Finish round the doors and window openings of Libraries Principals and Reception Rooms Crush Halls Lecture Hall Classrooms and Main Corridors Ground Floor: also staircase window and Dining Room with 4" x 1½" moulded architrave on splayed grounds mitred at angles and finish on window boards and follow plinth blocks to door openings. The architraves to windows in Libraries will also

run down and finish on blocks as before. The whole of the remaining architraves will be 3" x 1½" square and without plinth blocks to doors.

Louvre Windows etc

The windows to larders to have 4" x 3" solid oregon wrot rebated frames and 4" x 3" weathered sunk sills grooved for and fitted with galvanized iron water bar. Frames to be grooved for and to have plate glass louvres as hereafter specified. Provide and fix inside strong wire gauze with small bead. W.C.window to be similar to the above but without gauze. The windows to latrines in Lower Ground floor to have solid frames as above and 2" rebated and moulded oregon wrot sashes hung horizontally on centre pivots and furnished with all necessary opening quadrants of an approved pattern cords and cleats complete. The windows to staircase and Lecture Hall to have 6½" x 3" solid rebated sunk weathered and throated transomes and 2" opening fanlights hung at bottom to fall in and furnished as before.

Borrowed Lights

Form borrowed lights where shown between Lecture Hall and Crush Hall with ⅞" linings and 2" fixed moulded and rebated sashes prepared for glass with 1½" glazing bars and loose beads and with small mould planted at angles provide and fix 1½" window boards with rounded nosings mitred and returned.

Skylights

Trim for and form skylights where shown and in the best manner with all necessary beaded linings and 1½" oregon wrot rebated and hinged skylights to detail furnish with automatice openers P.C. 5/= each and hang with 3" butts and with all necessary brass pullies for cord.
Form shafts to same with 2" x 2" studding lathed internally for plaster hereafter specified.

Picture Moulds

Provide and fix to Principals Room, Reception Room, Libraries, Recreation Rooms, Principals Bedroom, and Sitting Room, Sick Rooms and Gallery, Hall and Class Rooms, 2" pine wrot moulded picture rail mitred at angles.

Dresser

Provide and fix in Kitchen where directed a pine wrot dresser

7'0" long with 1½" stuff to have three drawers and two cupboards under and a pot board 6" above floor, form top and cover same, provide and fix three cut and dimished standards with three tiers of grooved and sunk shelves finished against ceiling with deal wrot and beaded linings and 3" moulding. Provide and fix three dozen assorted cup hooks and a pair of strong japanned drawer pulls to each drawer and cupboard turns to doors.

Pipe casing — Provide for casing in pipes to Reception Room as shown to match breast, bracketing to be lathed for plaster.

Floor Hatches — Trim for and form 1 latches for access to roof as shown 2'6" x 2'6" with 1½" beaded linings hung with 18" cross garnett hinges a 1½" wrot ledged 1 latch clothed with ⅞" T & G V jointed boarding.

Mantel Pieces — Provide the sum of £39:0:0 nett for matel pieces to detail. The Chimney shelf to Kitchen to be 1½" x 9" pine wrot pinned to walls with rounded corners on cut brackets.

Cistern Cover — The cistern is to be covered with 1½" ledged cover.

Mock Beams — Form mock beams as shown to Lecture Hall with all necessary bracketing securely fixed to sides of joists lathed for plaster hereafter specified.

Tray — Provide and fix in H.M.C's rounded fillets to form tray beneath draw off taps and slop hopper with No 11 Zinc hereafter specified dressed over same, also similar fillets at all doors of Bathrooms above ground floor.

Hearths — Finish wood flooring against hearths with mitred boarders.

Folding Partition — Provide and fix to Recreation Rooms Folding Partitions as shown of 1¼" square framed Canadian red wood in 5 widths each to be in 4 panels to run the full length from floor to ceiling and each leaf hung with two pairs of 4" butts. Furnish with all necessary runners brass flush bolts etc.
Partition when folded to be flat against wall.

Ventilation Flèches Form Ventilation flèches as shown with 1" base set splayed and cover same with 1½" wrot oregon with small mould under and weathered to outside. Form top with ¾" grooved fascia with small mould planted on 6" weathered cornice mould and ¾" soffits and roof to have shaped ribs as shown and spandrils filled in with ¾ and covered with No 11 Zinco dressed over ribs.
Top to be supported on four 4" x 4" angle posts with moulded caps and bases. Trim for and securely fix same to rafters and ridge boards.

PLASTERER

Materials The materials are all to be the best of their respective kinds and are to be used in the most approved manner and proportions great care to be taken to insure the thorough mixing and incorporation of the various ingredients a full proportion of hair free from greases and dust being used where required and the lime to be of the best quality run through a sieve six weeks before being used.

Lath The whole of the lath to be used to be lath and half lath cloft and all to be butted and broken every three feet.

Two coat work The whole of the internal walls and brick partitions except where specified to be limewhite to be rendered with cement compo gauged 3 and 1 and set with fine stuff and twice coloured to tints selected by the Architects.

Lathing The whole of the stud partitions colored brown on plans are to be lathed, plastered as above and set with fine stuff and coloured as before. The whole of wood ceilings, mock beams, soffits of gallery etc are to be similarly finished and twice whitened.

Concrete Soffites The soffites of concrete floors, sides, and siffites of beams and cleaners sinks inside and out, soffites of stairs etc are to be set with fine stuff and twice whitened.

External Plastering Face the whole of the base and sibs of the building, quoins, front feature, pilasters, cornice to front and sides when of concrete and all external walls at back of building where not shown of facing bricks, tops and backs of parapets, chimney shafts and cornices, steps to main entrance and side walls to same, steps to Students entrances, steps to Dining Halls, Balconies, Window sills and steps to Entrances to Kitchen ing etc and where elsse required with cement finished ¾" thick smoothly trowelled, rendering coat to be composed of best quality Portland Cement and clean sharp pit or river sand guaged 2 and 1 and setting coat 1 and 1.
All mouldings angles cornices modelled work to be carefully executed to the entire satisfaction of the Architects and all details to be carefully and accurately followed.
The Corinthian Pilasters to front will be straight and without entasis and will have seven flutes.
Lines up as may be required and form sham joints throughout
The whole of the external plastering to be finished White with Auckland sand.

Cement Paving Finish all 4" concrete over site with ¾" cement rendering carefully levelled and smoothly trowelled to receive 3"x2" wood fillets for flooring before specified.
The floors of Fuel, Boots, Larders, Washhouse, W.C. adjoining lavatories, Cloak Rooms, Drying Rooms, Box Rooms and Latrines on Lower Ground Floor will all have cement paving as floor, no wood floors to be provided. All cement floors to be finished flush with wood floors adjoining same and with battens to finish.

Cement Hearths Finish the hearths in Class Rooms, Teachers Rooms, and Kitchen in cement ¾" finished with a smooth and even surface.

Quirked Beads xRun quirked beads around classrooms as shown to form dado in Keene's cement.

Vestibule Form projecting moulded panels in vestibule as shown the skirting will also be in cement 5" x 1½" moulded and finished in Keene's.

Sink Form cleaners sinks on half landing as shown 8" deep by rendering concrete ½" thick in neat cement smoothly trowelled and finish at outlet in the best manner.

Keenes Angles The whole of the external angles internally to be finished in Keene's.

Cornices etc Run plaster moulded cornice to Lecture Hall 18" girth and with dentil enrichment in bed mould and form architrave and frieze all carried round mock beams and walls at ends. Form Pilasters as shown with base cap and neck moulds all to detail. Run pilaster moulded cornices to Crush Hall as shown form pilasters as before.

Run similar cornices to the Vestibule, Entrance Corridor, Principals and Reception Rooms, and Libraries all 12" girth and to detail.

In addition Provide the sum of £30:0:0 nett for ornamental plaster ceiling to Lecture Hall.

Plaster Moulds Run small plaster moulds around all iron inlet vents hereafter specified: also outlets in ceilings and chimney breasts: all mitred at angles.

Chimney Pieces Form the Kitchen Chimney Piece and that adjoining for hot water boiler in cement neatly trowelled and blacked over where to sight.

Extract Vents Finish the extract vents where in sides of Mock Beams of Lecture Hall and ceilings over corridor first floor with plain plaster gratings.

SMITH and FOUNDER

Steel Joists The Steel beams to be of the lengths and dimensions shown and figured on the plans and ½" scale details and to be Dorman Long & Co's or other approved British Standard make, the name of the maker to be on all steelwork. All Steel to receive one good coat of cement wash before being embedded in the Concrete and all loose rust to be removed. All beams to be connected by steel angles, as shown, rivetted together and all beams to have a bearing of at least 9" each end. All beams to be secured with one each end on opposite sides by 1" anchors built into Brickwork, complete with all necessary nuts, washers, plates etc. Provide and fix over all window openings as shown where principles occur a 6" x 3" R.S.J. embedded in the lintels. All steel beams to be wired at a 4" pitch with strong galvanized iron wire.

Stoves and Ranges Provide the sum of ~~£66.10.0~~ 49-0-0 nett for grates ~~and range,~~ also hot water boiler, such sum to include all tiles surrounds and hearths. Contractor to allow for laying tile hearths on proper cement screed. Fixing of stoves taken in bricklayer. The range will be a ~~Scott's "Atlas"~~ self setting ditto which will be provided by Employers, and the boiler a Boston domestics boiler of Messrs A & T Burt Ltd.

Eaves gutters Provide and fix to the eaves of roof 5" cast iron ogee eaves gutters screwed to fascia and laid to proper falls and provide same with all necessary angles outlets etc required, to be carefully fitted and fixed in best manner so as to form top member of cornice. Provide and fix galvanized wire baloons to all outlets.

R.W.P's. Provide and fix 3" cast iron round R.W.P's where shown and required for the rain water and the bath and lavatory wastes and provide with all necessary swannecks plinth offsets, bends and shoes complete.

R.W.Heads Provide and fix where shown cast iron ornamental rain water heads P.C.5/6 each.

Knocker Provide and fix a C.I.ornamental knocker to door to Kitchen Wing P.O.2/6.

Copper Provide and fix in scullery an approved 18 gallon copper and also set of heavy weight iron work soot doors and dampers complete.

Vents Provide and fix in chimney breasts to libraries and class rooms just below ceiling 9" x 9" terra cotta ventilating gratings of an approved pattern. Provide and fix to F.A.I's before specified 10" x 8" W.I. vents P.C.5/- each of an approved pattern and make good to flues in the best manner.

Balcony Railings Provide and fix W. I. railings to balconies as shown heavy weight and all securely fixed. Form fire Escape balconies at back as shown of 3" x 3" x 3/8" T iron framing and struts built in and filled in with iron grating and with W I rail and balusters as shown.
Provide and fix W I fire Escape ladders securely built in to brickwork.

C.I.Flue Provide and fix to hot water boiler all necessary C.I.flue pipes taken to range flue with all necessary bends junctions etc.

Ventilation Trunk Provide and fix galvanized iron ventilation trunks as shown of 9" diameter branches and 12" diameter main trunks to flèches all put together and connected to outlets and flèches in the best manner and made perfectly watertight.
Provide and fix to flèches on roof circular galvanized iron with apertures and baffle pieces to form automatic extract, 18" diameter and 2'6" high.

PLUMBER

Materials The lead to be of the best description and the pipes in all cases to be what is termed strong.

The whole of the work is to be executed in the most careful manner and with all necessary wiped and soldered joints and to be properly secured with strong and sufficient wall hooks holdfasts etc.

Flats Cover the flat roof of Lecture Hall with 2 ply Malthoid all laid to fall and joined in the best manner and finished to outlets. Turn same up 6" against wall all round and flash as hereafter specified&leave the whole perfectly watertight.
The gutters behind parapets to be covered with 24 gauge galvanized iron laid to falls, dressed up 6" against brickwork and 6" up under tiles and turned down over feather edged tilting fillet and finished to outlets in the best manner.

Flashings Flash the upturns of Malthoid and galvanized iron to gutters with 4 lb lead flashing securely wedged into joints of brickwork and turned down 4" over the upturns.

Aprons Provide and fix 4 lbs lead aprons to all brickwork, skylights, and flèches above roof carried up at least 6" and well dressed over tiles and under same at top.

Step Flashings Provide and fix 4 lb lead stepped flashings over the upturns of Aprons and point up in cement.

Valleys Provide and fix 20" wide 24 gauge galvanized iron valley gutters dressed up 6" over tiles over feather edged tiling fillet.

Sinks Provide and fix in scullery two approved 24" gauge enamelled iron ware sinks with strainers, set in the best manner, and flashed round with lead.

Floors Cover the floors of all bathrooms and H.M.C's with No 11 Zinc finished against fillet at doors with a fall to outlets with brass strainers.

Water (Cold) Provide and fix in main roof on proper bearers a 600 gallon galvanized iron open rivetted cistern with proper ball valve and 1" overflow to outer air and lay on water to same with 1" gal-

avanized screw piping laid well below ground externally and provided with brass screw down stop cock with proper C.I.inspection chamber. Set cistern in galvanized iron tray with overflow discharging externally. Take a 1½" supply from same provided with brass screw down stop cock next cistern and take ¾" branches from this to baths, lavatory basins, "draw off" in H.M.C's, sinks Copper, Wash-tubs, and cisterns to W.C's, slop hoppers, and urinal, and 1½" branch to hot water cylinder. All to be galvanised screwed piping.

Provide and fix to each W.C, slop hopper and urinal cistern a brass screw down stop cock and to hot water cylinder a brass screw down stop cock square headed for spanners.

Finish the Service over sinks, copper, wash tubs, and draw off in H.M.C's with brass H.P.taps and over the baths and lavatory basins with nickel plated ditto. All pipes to be concealed.

Take also a ¾" branch from main supply to a stand pipe where directed in front of building and finish with brass tap as before with screw nozzle for hose.

Provide for relaying the existing water suppy pipe to the Cottage at back of site where in the way of new buildings with similar piping.

Water (Hot)

Provide and fix where directed to Kitchen a 100 gallon round corrugated and rivetted copper cylinder tinned inside, on all necessary bearers and covered and packed with asbestos boiler felt. Connect same to H.P.boiler next range with ~~one~~ 2" copper flow ~~pipe and two 2"~~ and return pipes and carry 1¼" expansion pipe from cylinder to above level of supply cistern. Take a 1¼" flow and return pipe to the Principal's bathroom with 1" branches to all baths and ¾" branches to the lavatory basins in bath rooms, Principals and Reception Rooms, sinks in scullery, and wash tubs, and finish over sinks and tubs with brass H.P.taps and over baths and lavatory basins with nickel plated ditto. The lavatory basins in cloak rooms will have cold water service only.

Fix a Draw Off cock square headed for spanner near bottom of Cylinder. All pipes to be L & L galvanized and connections to be screwed, run with tow and red lead and made perfectly watertight. Fix all necessary flanges, tees,

elbows etc. and do and perform all necessary work to make a complete and efficient hot water service. All water serves to be in accordance with any rules and regulations in force.

W. C's — Provide and fix approved pedestal closets and seats with full fronts P.C.42/6 each where shown on plans. The W.C's on Lower Ground Floor also W.C.in Kitchen wing to have pedestal closets and seats P.C.27/6 each and cisterns as before. Connect traps and soil pipes to drains in best manner. Provide and fix to all W.C's flushing cisterns P.C.21/-each (Edina) to give a 3 gallon flush to each W.C. Connect cisterns to pans with 1½" heavy weight flush pipes. Connect closets on first floor to drains with 4" heavy weight C.I. soil pipes run up above eaves and finished with galvanized wire baloons.

Overflows — Provide and fix to all flushing cisterns ½" overflows discharging externally at least 6" away from wall.
Provide and fix to all gratings in bathroom floors, also to ditto in H.M.C's 1½" overflow pipes discharging as above with all necessary flap valves etc as may be necessary.

Urinals — Provide and fix where shown No 2 white glazed earthenware urinals P.C.27/- each securely fixed to walls and connect same to cistern with 1" polished brass flush pipes and to white glazed half channel in floor with 1½" lead wastes.
Half channel to have a fall and to discharge into approved urinal disconnectings trap in floor and connect to drain as before specified. Provide and fix approved flushing cistern to flush 2 gallons P.C.21/- each complete (Edina).

Slop Hopper — Provide and fix in H.M.C's in angle approved white glazed slop hoppers P.C.85/- each and connect to soil drains with 4" cast iron heavy weight soil pipe concealed beneath partition where inside building and run above roof and finished as before. Provide and fix over same flushing cisterns as for W.C's and connect with similar flush pipes.

Baths — Provide and fix where shown on plan approved porcelain enamelled baths

P,C,£6:10:0 inclusive of nickel chain plugs and wastes.

Lavatory Basins Provide and fix where shown on plans approved white glazed lavatory basins P.C.42/6 each inclusive of nickel plated chains plugs and C.I. frames. The basins to lavatories on lower Ground floor will be P.C.25/- each including nickel chains and plugs.

Waste Pipes All sinks lavatory basins wash tubs are to be provided with 1½" and baths with 1¼" lead trapped waste pipes and overflows discharging outside building over gullies before specified. All lead traps to have brass inspection caps. All joints to be wiped and plumbing done in accordance with By-laws. Provide to sinks and wash tubs brass plugs chains and gratings. All waste pipes outside building from first floor must be in cast iron.

Anti-Syphon Pipes Provide and fix to all waste pipes etc where required 1½" lead anti-syphon pipes and connect to vent pipes in the best manner or run up above eaves in C.I.as may be necessary.

Taps No taps are included in P.C. amounts for baths and lavatory basins.

Lead Conductors Provide and fix all necessary heavy weight lead conductors through walls for outlets to gutters and make good to outlets and R.W.P's in the best manner.

P A I N T E R and G L A Z I E R

Materials The priming and painting to be performed grounded and compounded of the best linseed oil, very best white lead, and turpentine to be executed in party colours to tints selected by the Architects.

Stopping The nail holes and other imperfections are to be propery stopped with putty compounded of whiting and the best linseed oil.

Knotting The whole of the work is to be properly knotted previous to priming.

Rubbing All work to be properly rubbed down and brought to a smooth and even surface previous to each coat of colours or varnish being laid on.

Woodwork (Interior) The whole of the ~~exx~~ wrot interior woodwork and all other woodwork usually painted or stained, including margins of stairs, and landings to be ~~spirit~~ stained green, blended to approval, ~~Follow with one coat of size to be allowed to become perfectly dry,~~ sprinkled and then apply one good coat of best quality hard copal varnish.

Woodwork (Exterior) The whole of the exterior wrot woodwork to be knotted primed stopped and painted two coats of good oil paint.

Iron work The whole of the ironwork is to be painted, two coats the gutters down pipesets being painted one before and one after fixing.

Plaster Paint the walls of vestibule two oils, also arches & Cor. rooms.

Distemper The whole of the interior plastering to walls and partitions to receive one coat of clair colle and two coats of good whiting and size distemper to tints selected. Twice white all ceilings soffites of stairs etc.

French Polish. Lockers. Prepare fill and French Polish the hand rails of stairs also the top to gallery front. Number the lockers 1 to 25 to each cloak room in 1" black figures.

GLAZIER

Glass The whole of the sashes throughout and external glazed doors also vestibule and crush Hall, to be glazed with 26 oz British Sheet glass to be well pasted back putted & bradded free from all defects.

The windows to Lecture Hall to be glazed with clear glass in narrow lead cames and complete with all strong and sufficient saddle bars.

The doors and borrowed lights to Lecture Hall to be glazed also doors to principal rooms & Stairs.

with "G" pattern or other selected obscured glass. The skylight to be glazed with ⅜ ½" rolled plate and the louvres to Larders and W.C's in Kitchen wing to be rolled plate also. The windows to Latrines also all glazed doors and fanlights to W.C's to have ground glass.

E L E C T R I C L I G H T

Connect with main in Wordsworth Street and install Electric Light in the building in accordance with the regulations of the New Zealand Fire Underwriters Association & City Council Provide all necessary best quality screwed conduit pipes fixed in walls and ceilings and provide with boxes in suitable positions to enable wires to be threaded.

Supply anf fix in first class manner all wires antique copper switches, cut outs, ceiling roses and blocks, marble switch boards and meters to supply light to the following points. Main Switch board to be placed in one of the Students entrance corridor on lower Ground floor.

Place	No of points	No of lamps per point	C.P. per lamp	Fitting	Cord pendant ceiling
Lower Ground Floor					
Box Rooms	1 each	1	16		"
Entrance Corridors	2 "	1	16		"
Latrines	1 "	1	50		"
Cloak Rooms	1 "	1	50		"
Lavatory	1 "	1	50		"
Recreation Rooms	1 "	3	16	"	
Ground Floor					
Libraries	1 "	3	32	"	
Lavatories adjoining	1 "	1	16	Bracket	
Principals Room	1	3	16	Fitting	
Reception Room	1	3	16	"	
Front Entrance	1	1	100	"	
Entrance Corridor	1	1	32		"

Place	No of points	No of lamps per point	C.P.per lamp	Fitting	C.P.Ceiling
Ground Floor ctd					
Crush Hall	1	3	16	"	
Corridors	2 each	1	16		"
Staircases	1 each	1	32		"
Classrooms	2 each	1	32		"
Lecture Hall	3	3	~~16~~ 25	"	
Under Gallery	1	1	16		"
Cloisters	1 each	1	32		"
Dining Rooms	1 each	3	16	"	
Bathrooms	1 each	1	16	Bracket	"
Teachers Rooms	1 each	2	16	"	
Bedrooms	1 each	1	16		"
Passages	1 each	1	16		"
Servery	1	1	16		"
Kitchen	1	2	32	"	
Scullery	1	1	32	Bracket	
Corridor	2	1	16		"
Housekeeper	1	1	16		"
Cook	1	1	16		"
Boots	1	1	8		"
W.C.	1	1	8		"
First Floor					
Principals Bedroom	1	1	32		"
Sitting Rm.	1	2	16	Fitting Bracket	
Bath Room	1	1	16		"
Ante Room	1	1	16		"
Sick Rooms	1 each	1	32		"
Corridors adjoining	1 each	1	16		"
Bathrooms	1 each	1	16	Bracket	
Gallery Hall	4	1	16		"
Main Corridors	1 each	1	32		"
Cubicles (Ground and First Floors	26 in all	1	32		"

Allow the sum of £47:10:0 nett for fittings, single cord pendants with holders, also lamps are not included as fittings but shades will be provided out of provisional sum.

All ~~mops~~ lamps are to be metallic filament and are to be placed in centres of panels etc wherever possible and all to be kept clear of doors. All materials to be the best of their respective kinds and to the approval of the Architects. The whole of the lights to cubicle bedrooms are to be controlled from one switch placed in ante of Principals suite and will not have separate switches. There will be separate switches to all other rooms and corridors. Ceiling points in Lecture Hall to be on two switches to allow of 1, 2, or 3 points being used. Provide also in Lecture Hall on Platform a plug point on separate switch for reading lamp if required. Contractor to

allow for wiring all fittings.

Electric Radiators — Connect up to mains and install in building at points marked electric radiators of approved design with all necessary cable, fuses, cutouts, plugs, and separate motor. Allow the P.C. sum of £20:0:0 nett for radiators only. The general scheme for cables, wires etc to be submitted to the Architects for approval before fixing same in concrete floors. etc.

Electric Bells — Allow sum of £10:0:0 nett for electric Bell installation to be deducted at settling if not used.

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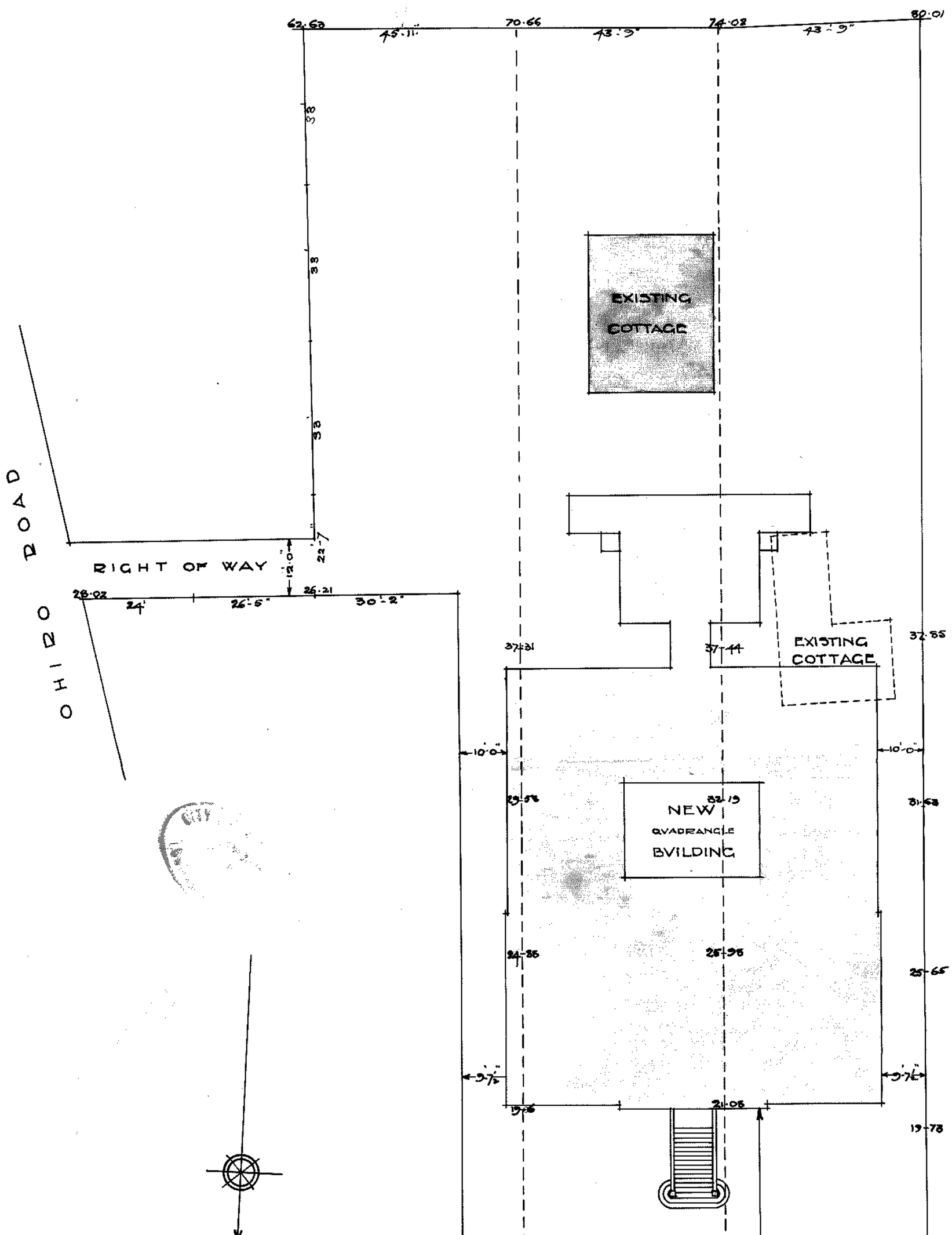
LOCALITY PLAN



NOTE:
POINT 0.00 LEVEL OF STONE SETTING OF TRAMLINE. LEVELS SHEWN ARE EXISTING ONES.

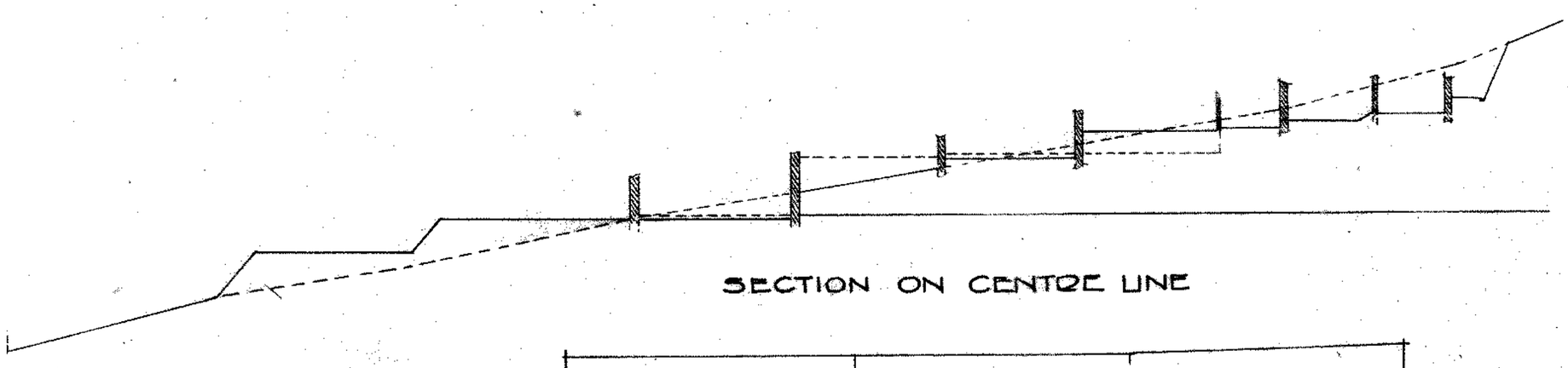
STANLEY W. FEARN
& AVSTIN QVICK
ARCHITECTS
100 CVSTOM HOVSE QVAY, WGTN.

WILLIAM BOOTH · N · Z · MEMORIAL TRAINING COLLEGE

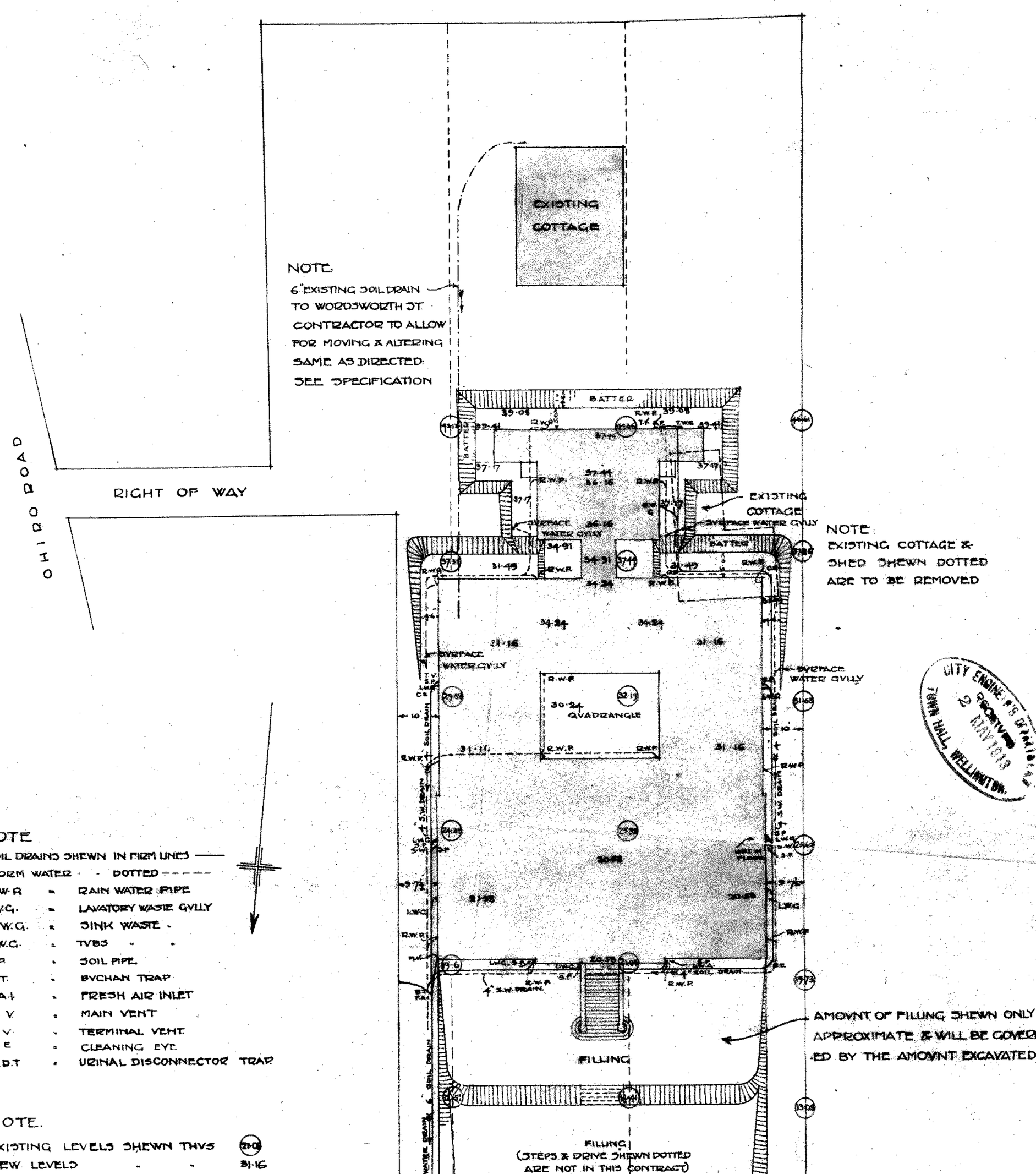
No 4

WORDSWORTH ST · WELLINGTON

BLOCK PLAN



SECTION ON CENTRE LINE



NOTE

SOIL DRAINS SHEWN IN FIRM LINES ——
STORM WATER · · DOTTED - - - - -

R.W.R	=	RAIN WATER PIPE
L.W.G.	=	LAVATORY WASTE GULLY
S.W.G.	=	SINK WASTE ·
T.W.G.	=	TUBS · ·
S.P.	=	SOIL PIPE
B.T.	=	BUCHAN TRAP
F.A.I.	=	FRESH AIR INLET
M.V.	=	MAIN VENT
T.V.	=	TERMINAL VENT
C.E.	=	CLEANING EYE
U.D.T.	=	URINAL DISCONNECTOR TRAP

NOTE.

EXISTING LEVELS SHEWN THUS (21·0)
NEW LEVELS · · 31·16

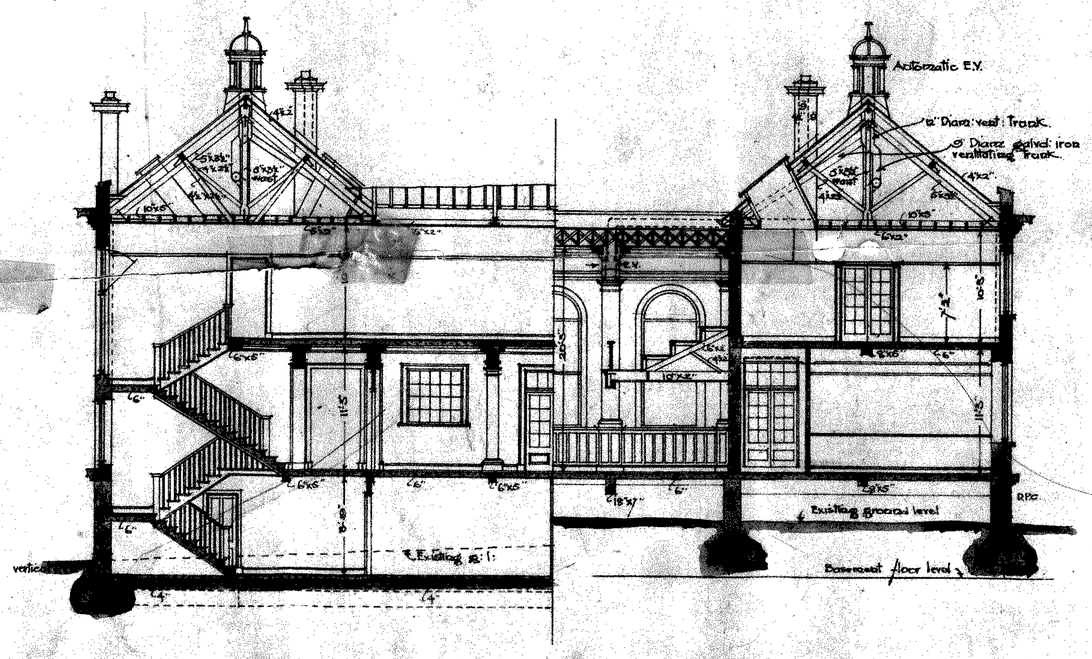
SCALE OF TWENTY FEET TO ONE INCH

STANLEY W. FEARN &
AUSTIN QUICK
ARCHITECTS
100 CUSTOM HOUSE QUAY, WGTN.

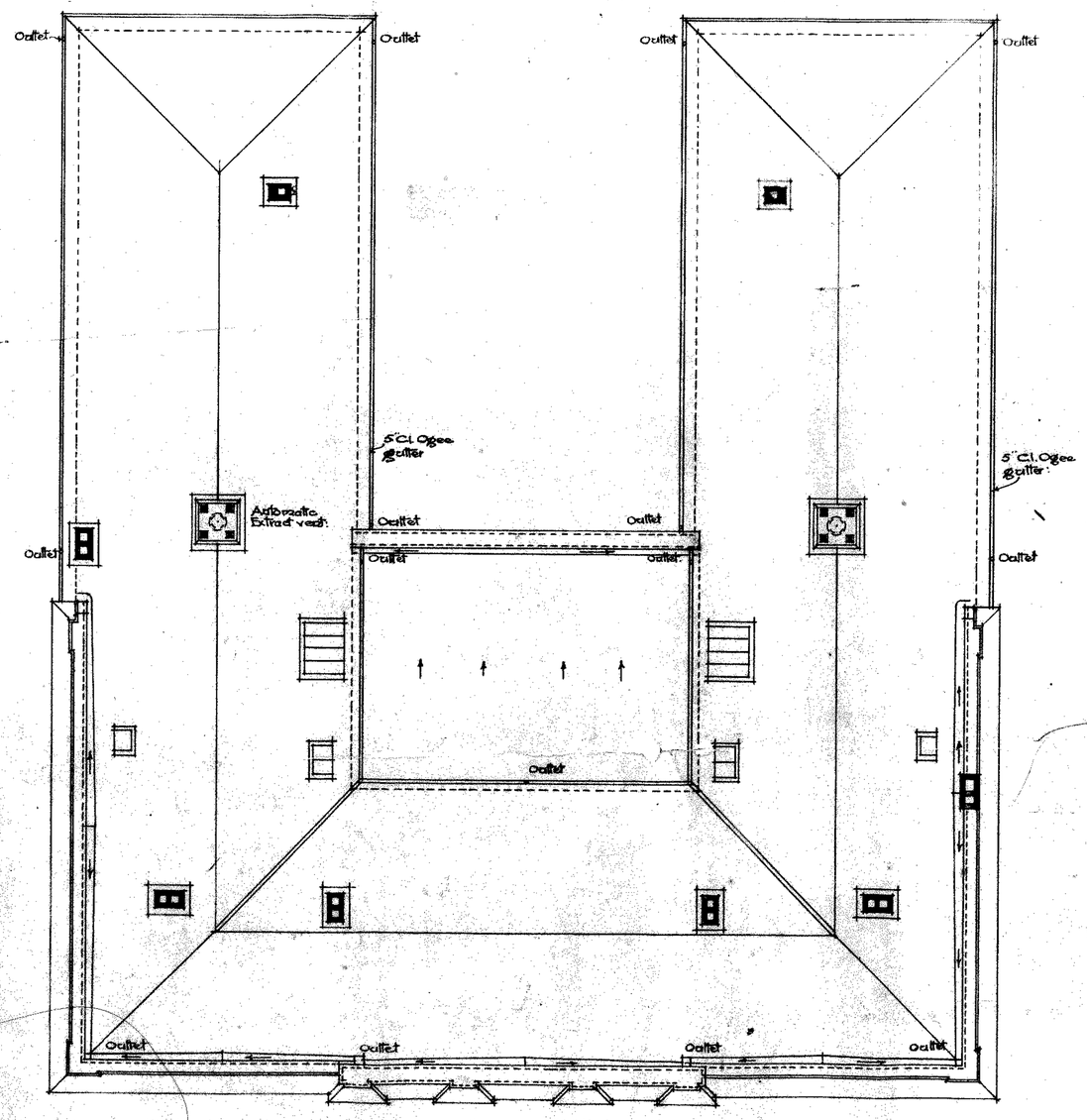
WILLIAM BOOTH · N·Z· MEMORIAL TRAINING COLLEGE
WORDSWORTH STREET WELLINGTON

No 2

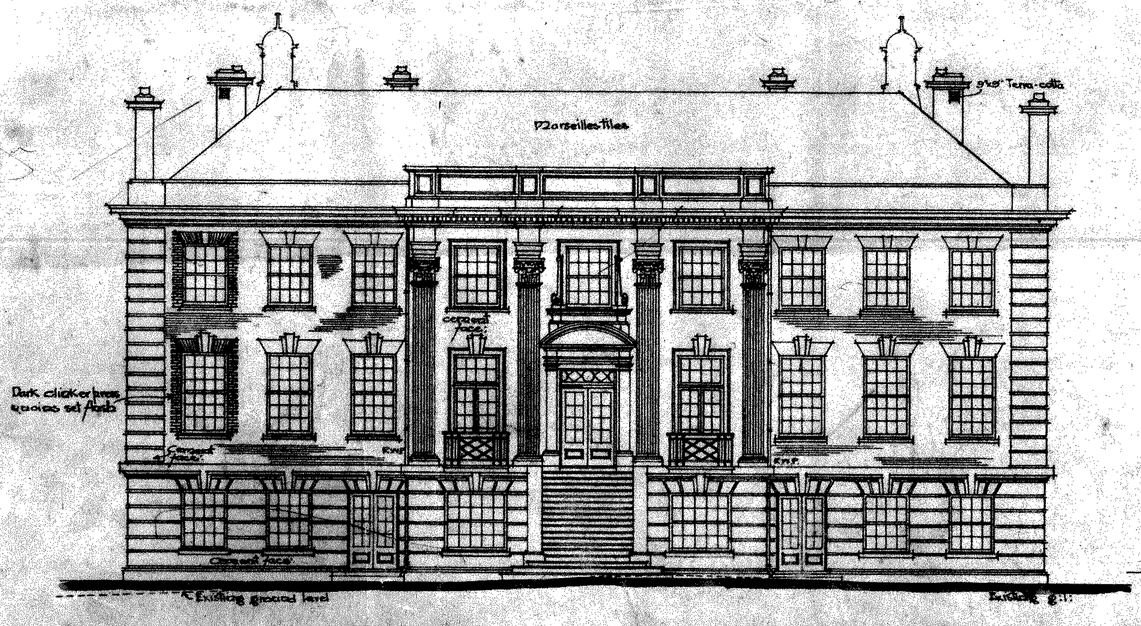
SCALE 8 FEET TO ONE INCH



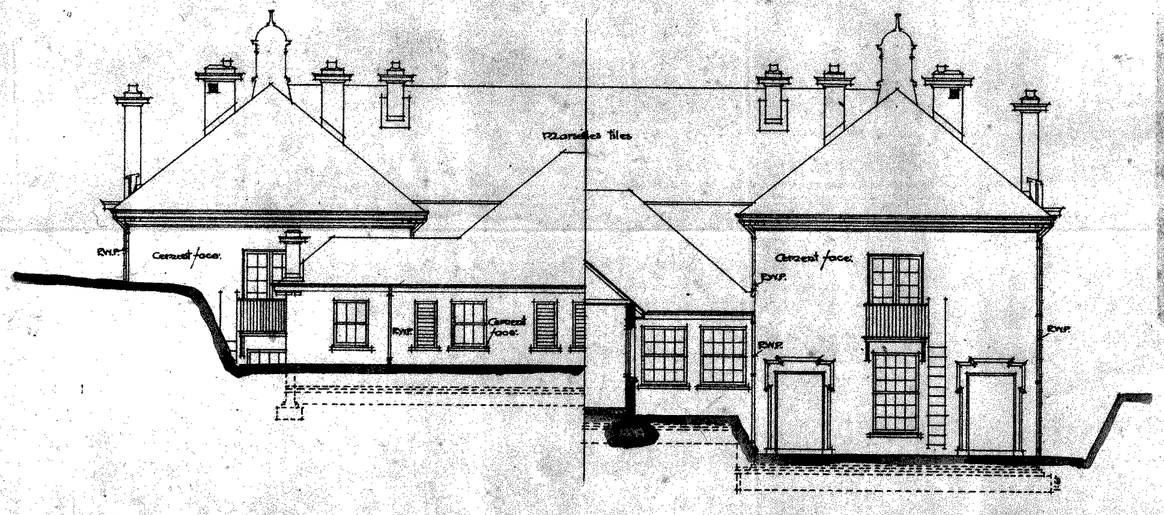
SECTION · A· B



ROOF PLAN



NORTH ELEVATION



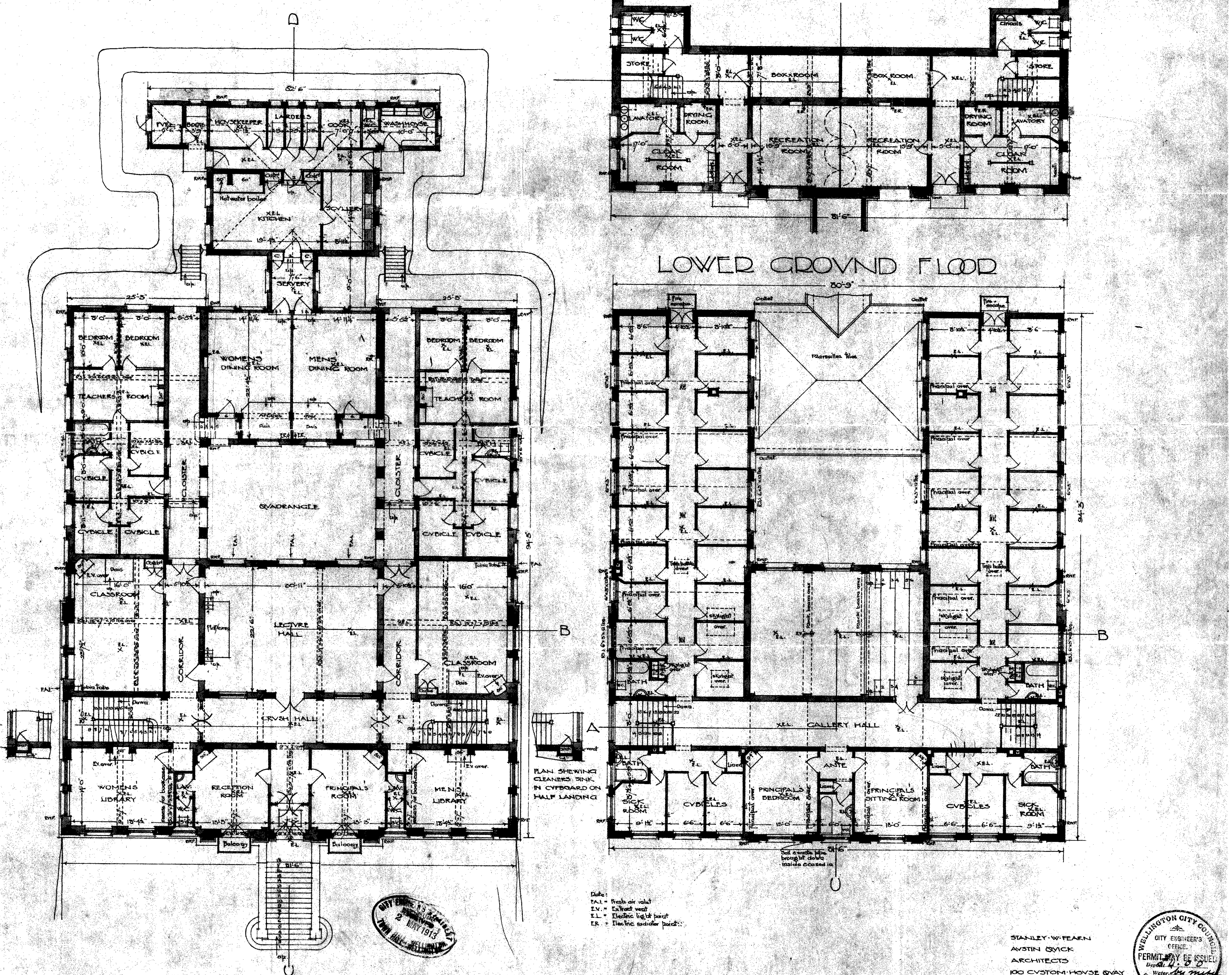
SOUTH ELEVATION

STANLEY·W·FEARN
AUSTIN QVICK
ARCHITECTS
100 CVSTOM-HOVSE QVAY
WELLINGTON::

WILLIAM BOOTH · N · Z · MEMORIAL TRAINING COLLEGE
WORDSWORTH STREET WELLINGTON

No 1

SCALE 8 FEET TO ONE INCH



LOWER GROUND FLOOR
FUEL
HOUSEKEEPER
LARDERS
COOK
WASHHOUSE
KITCHEN
Hot water boiler
SCULLERY
SERVERY
BEDROOM
TEACHERS' ROOM
WOMENS DINING ROOM
MENS DINING ROOM
CUBICLE
CLOISTER
QUADRANGLE
CLASSROOM
LECTURE HALL
Platform
CORRIDOR
CRUSH HALL
WOMENS LIBRARY
RECEPTION ROOM
PRINCIPALS' ROOM
MENS LIBRARY
Balcony
PLAN SHEWING CLEANERS SINK IN CUPBOARD ON HALF LANDING
STORE
BOX ROOM
LAVATORY
DRYING ROOM
RECREATION ROOM
CLOAK ROOM
Marseilles tiles
Principal over
skylight over
BATH
GALLERY HALL
SICK ROOM
CUBICLES
PRINCIPALS BEDROOM
ANTE
PRINCIPALS SITTING ROOM
Note:
F.A.I. = Fresh air inlet
E.V. = Exhaust vent
E.L. = Electric light point
E.R. = Electric radiator point
STANLEY · W · FEARN
AUSTIN QUICK
ARCHITECTS
100 CUSTOM · HOUSE QUAY
WELLINGTON
WELLINGTON CITY COUNCIL
CITY ENGINEER'S OFFICE
PERMIT MAY BE ISSUED
BUILDING SUPERINTENDENT
2 MAY 1913
TOWN HALL WELLINGTON

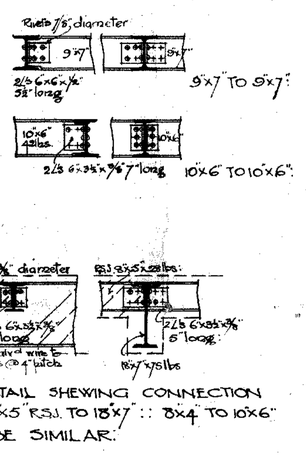
GROUND FLOOR PLAN

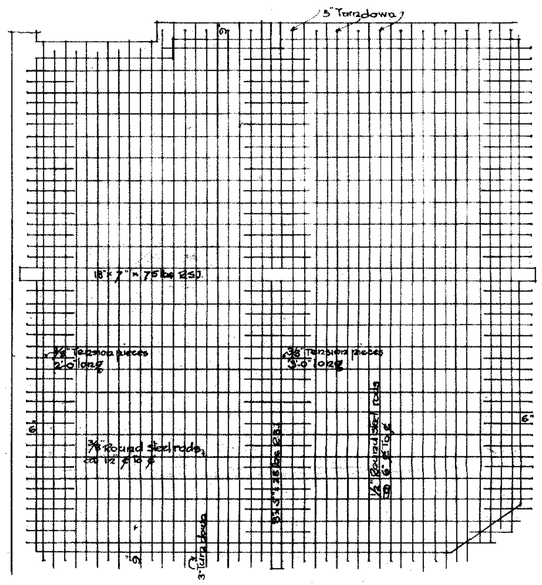
FIRST FLOOR PLAN

WILLIAM BOOTH ▫ N.Z. ▫ MEMORIAL TRAINING COLLEGE
WORDSWORTH STREET WELLINGTON

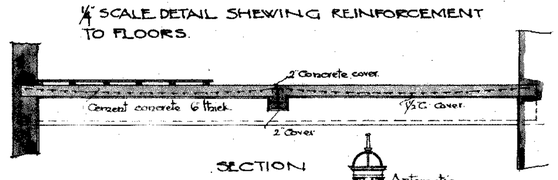
(No 3)

SCALE 8 FEET TO ONE INCH

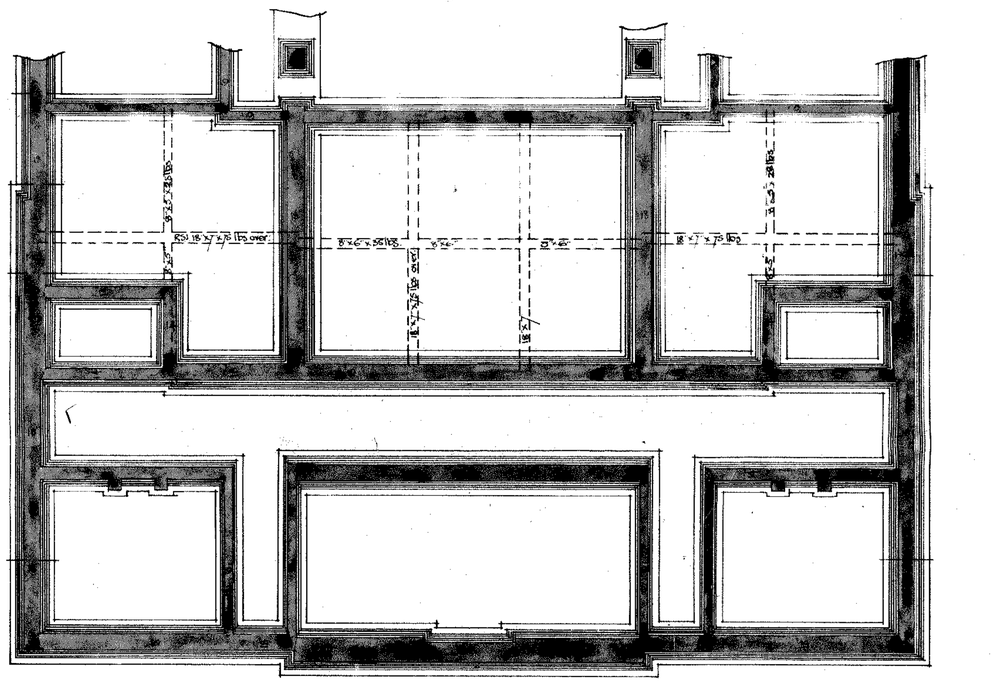




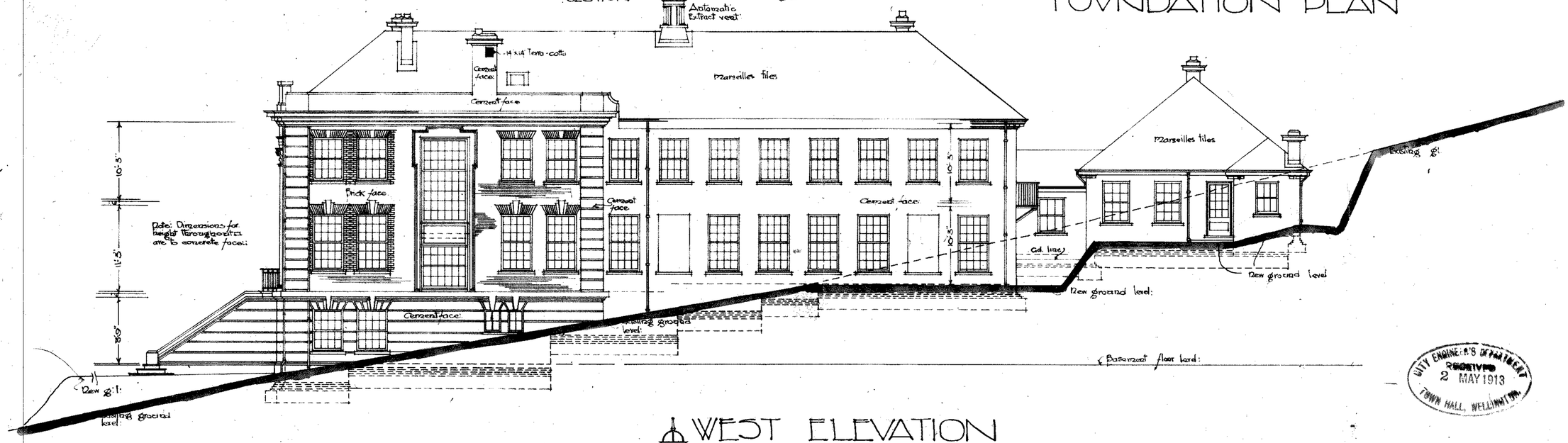
¼" SCALE DETAIL SHEWING REINFORCEMENT TO FLOORS.



SECTION

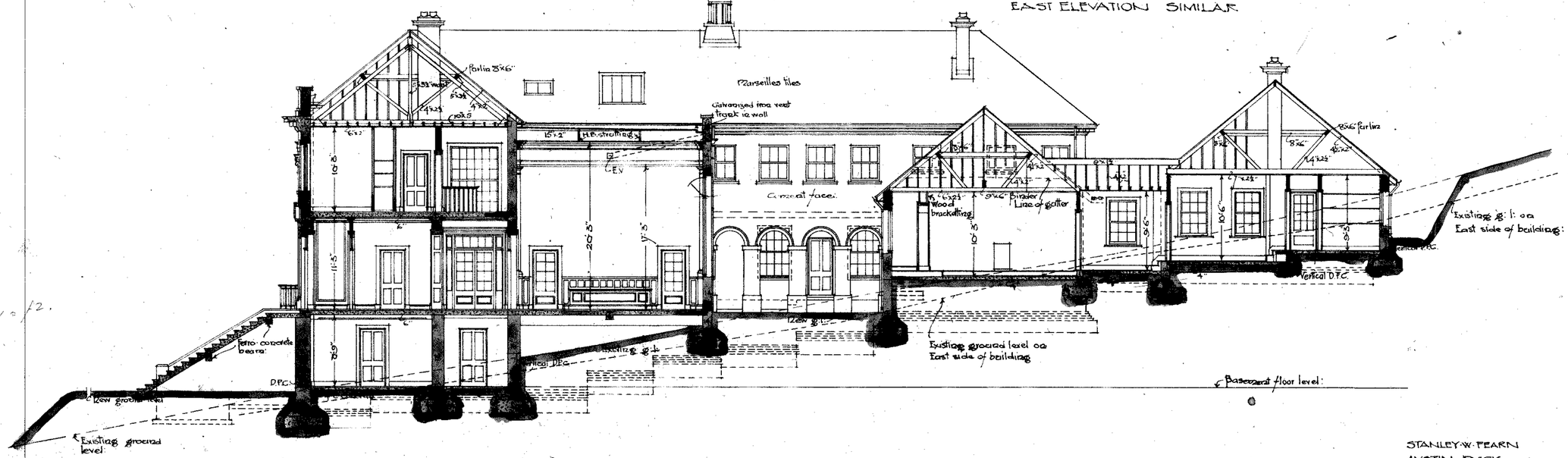


FOVNDATION PLAN



WEST ELEVATION

EAST ELEVATION SIMILAR



SECTION ▫ C ▫ D

6½ x 21

10/176

35/176

STANLEY W. FEARN
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