No 610

Erect Church in

Main Road, ~~Street~~

for Church of England Trustees

Myers & Illingworth Builder

5th May 1911.

1st Day

[illegible] in [illegible]

[illegible]

[illegible]

5th May 1911

[illegible] according to [illegible] Building bylaws

Value [illegible] £6

[illegible] Attention [illegible] are being [illegible] out [illegible] a permit

Specification of work required to be done in building St. Mary's Church. Karori, to the satisfaction of F. De J. CLERE, F.R.I.B.A., Architect and in accordance with plans prepared by him

All excavation shall be carried out as shown surplus material to be deposited on site. Trenches & piles holes to be well filled & tightly rammed.

Cement of approved brand & a briquette of neat cement 1" sq. after 1 day in moist air & 6 days in water shall bear a tensile stress of 400 lbs.

Concrete shall consist 1 part cement 2 parts sand & 4 parts shingle.

Sand shall pass through 3/16" wire mesh & shall be clean & sharp & free from salt.

Aggregate excepting in foundations shall contain no stone that will not pass through 1" mesh.

Larger approved metals can be used for foundation

All concrete to be turned over twice dry & twice wet. Concrete to be mixed on clean bunker & if standing more than 15 minutes not to be used.

When concrete is set it shall be cleaned & a thin grout of neat cement washed over it.

Up each angle (internal & external) of building & on each side of each opening shall be placed in middle of wall a vertical 5/8" steel rod extending from foundation to top of wall. To within 6" of top Buttress

Every 2' place a horizontal No 6 steel wire hooked round vertical bars & stretched as straight as possible.

A 40 lb. rail running from bottom to top in each angle of tower. Four horizontal rows of 1/2" Steel rods 5/8" Steel rods next to openings extending 2 ft. above & below each as specified for rest of building. Concrete floor in ringing chamber shall have 1/2" rods placed in spaced 12" apart in both directions

Floor joists sleepers & stringers Rafters principals
Damp course

1" bolts & ½" bolts clawed shall be built in to take plates in tower.
The piles throughout shall be 9"x 9" concrete.
A piece of galvd. wire 12" in concrete shall be long enough to embrace sleeper or plate & firmly stapled to same. Projections shall be 9"x 3" on wall
Under each 9"x 9" post concrete piers 18"x 18" of the height required shall be formed. A steel dowel going 6" into concrete & 3" into post shall be fixed.
Window frames shall be secured by ½" bolts that are bedded 5" in concrete
All plastering to be at least ¾" thick outside. plaster shall be ~~now~~ left ready to take rough cast
All timbers used in flooring furniture & all joinery shall be perfectly dry & free from sap
Heart Oregon for sleepers, stringers joists and common rafters and for all timbers not visible or painted excepting in upper part of tower
Heart Kauri inside ceilings linings.
Heart Totara for all window frames & sashes & for bottom plates off temporary west wall.
V.B. Timber for all framing inside lining window facings barge & covering boards Temporary West wall
Heart Jarrah for all other timber required.
Ht. Matai. Flooring.
Sleepers & stringers shall be as shown & secured to piles by wires as specified
Joists shall be of sizes shown spaced 18" centres & securely spiked to sleepers & stringers. Those under Chancel to be supported in centre by a 12"x 5" rolled steel joist 39 lbs to the foot. They shall also be stiffened by 2 rows 3"x 2" herring bone strutting.

There shall be 2 roof principals in Nave framed as shown & 3 in chancel one of latter shall form chancel arch & 1 shall be placed against East wall but shall be formed of 2" timber instead of 4".

In each Transept shall be placed an 8"x4" rafter & against each of the outside transept walls an 8"x2" rafter into which purlins shall be framed.

Purlins shall be 5"x5" spaced as shown housed 1" into rafter & tied to corresponding purlin on other side of rafter by a 2" strip of 1/16" thick hoop iron

Common rafters shall be 4"x2" nailed to purlins & spaced 18" centres.

In the Temporary West Wall the bottom plate shall be 6"x3", Studs 6"x2" with 6"x3" next opening & spaced at 20" centres

Framing of upper part of tower shall be as shown out of rough Heart of Jarrah. The 8"x8" beams & shall be 2 in number passing over walls and cut at ends & bolted down as shown.

The Framing generally is distinctly shown upon drawings.

The Wall dividing the Vestries from each other & from space under Nave shall be formed with 4"x3" plates & 4"x2" studs (Studs at 18" centres).

The Window frames in Basement shall be formed of 5"x2" frames & heads let into 5x3 sloping double sunk, weathered & throated sills

The frames & sills in other parts of church shall be 5"

All door frames shall be 5"x4" let fully 1" into concrete & solid rebatted for doors

Painters materials shall be the best of their respective kinds and if required by the Architect shall be first opened on the works & in his presence

Plumber

The whole of Temporary West End shall be covered with 26 gauge galvd. iron of approved Brand. The only spouting in this contract shall be that of louvre & small roof that overhangs the door leading into Basement near tower. These shall be 5" cast iron spouting (secured by brackets provided with 3" ~~to~~ down piping into a 400 gal. tank which shall have 3" overflow leading to gully trap outside. Water shall be conveyed through ½" pipes into a basin inside. There shall be no drainage beyond the gully trap just mentioned. Valleys & gutters at junction of roof with tower shall be formed of 5 lb. lead.

The Whole of the roof shall be covered with the best quality Marseilles Tiles.

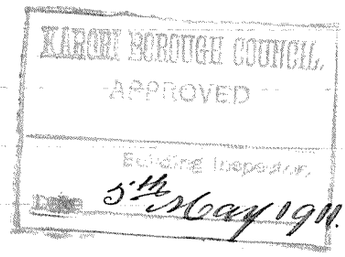
Shingle tiles on slopes of Buttresses.

All Electrical work shall be carried out by an approved tradesmen and in accordance with the conditions of the Underwriters Association & to the satisfaction of their inspector.

May 5th 1911.

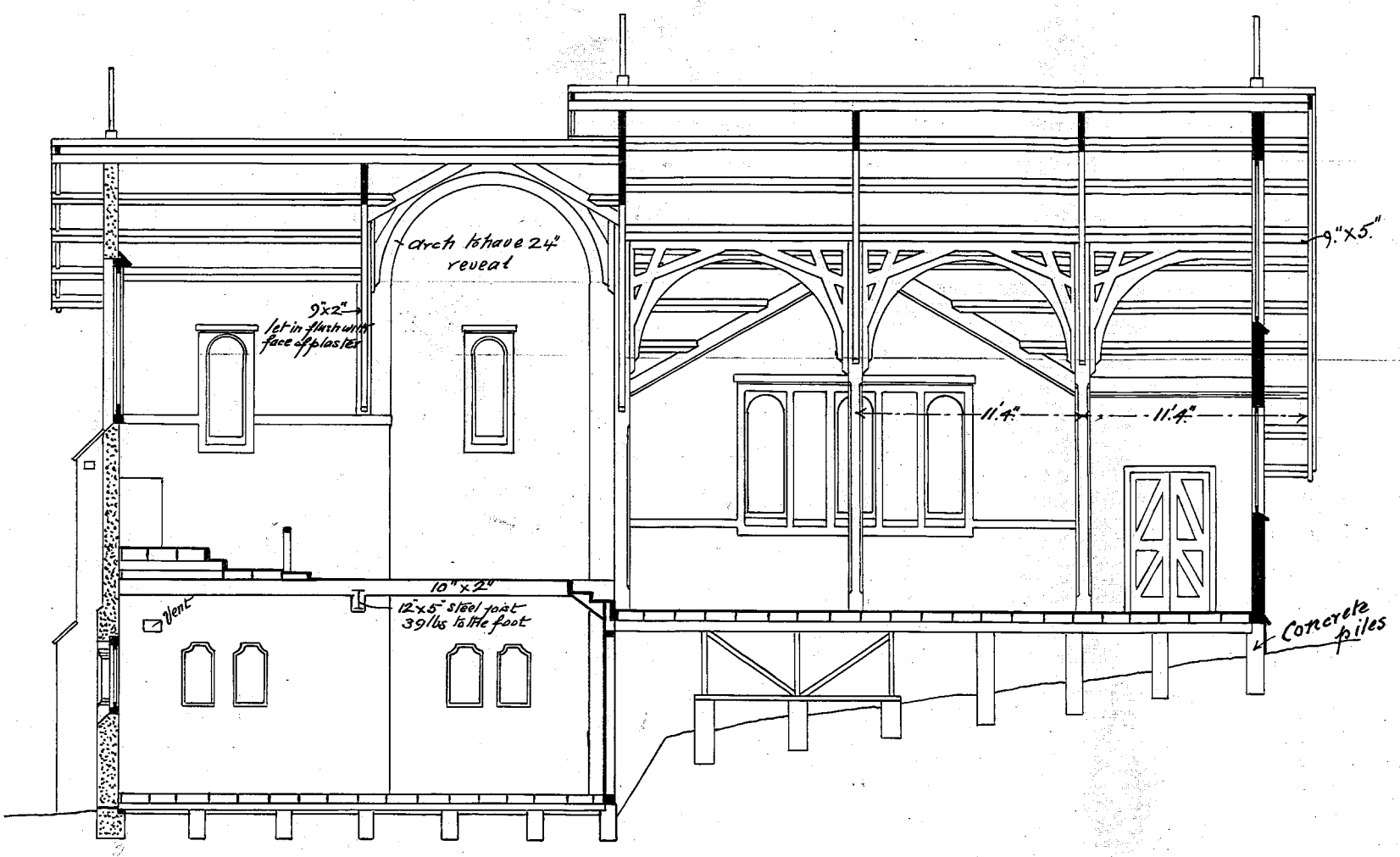
To be built in accordance with the Wanganui Borough Building Bye Laws.

J. Holdgate


KINGSTON BOROUGH COUNCIL.
APPROVED
Building Inspector.
Date 5th May 1911.

S. Mary's Church Karori

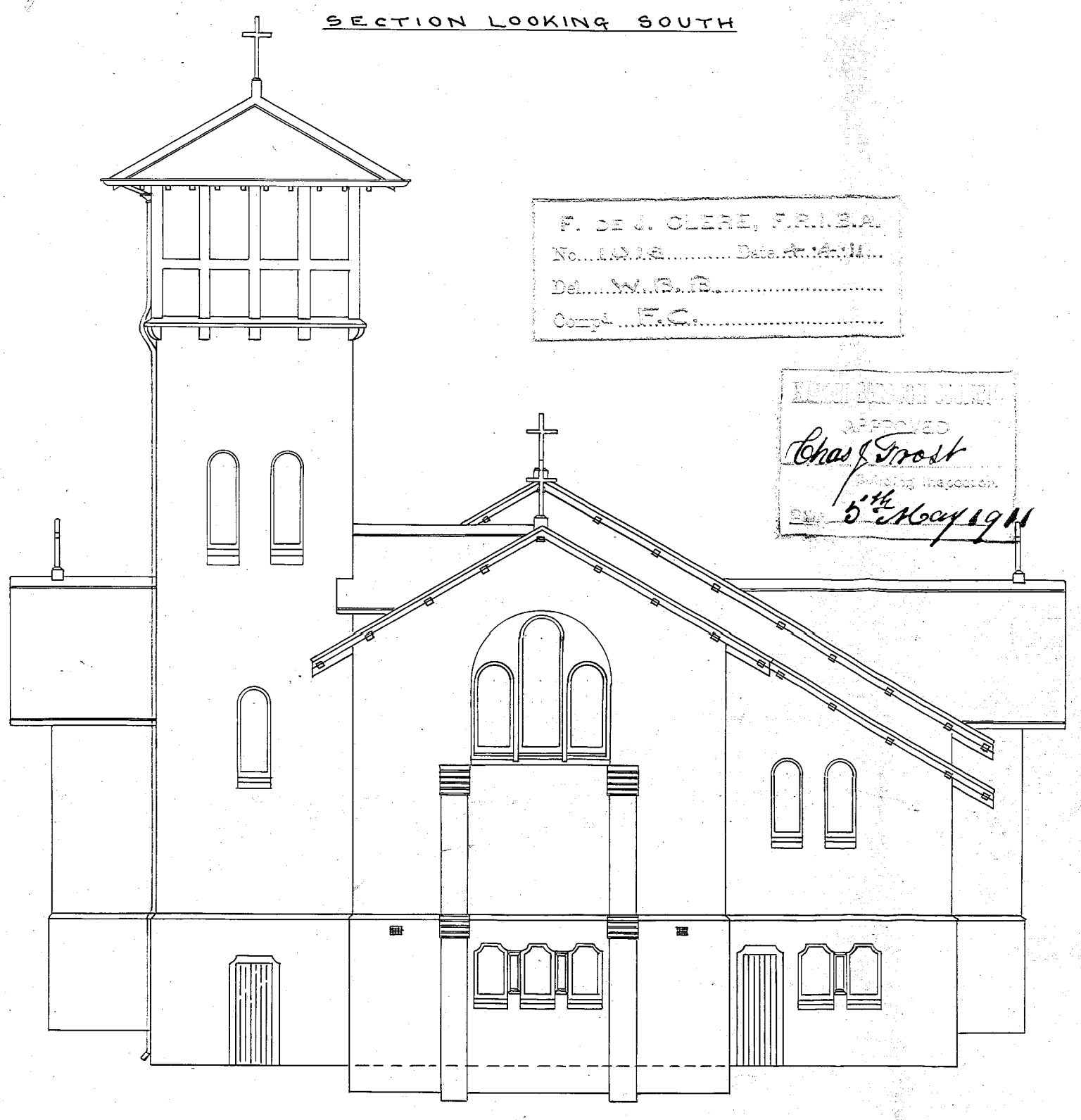
Scale 1/8" to 1 foot.



SECTION LOOKING SOUTH

F. DE J. CLERE, F.R.I.B.A.
No. [illegible] Date [illegible]
Del. W.B.B.
Compd. E.C.

APPROVED
Chas J Frost
pending the position.
Date 5th May 1911



EAST ELEVATION

St Mary's Church Karori.

No 1.

F. de J. Clere F.R.I.B.A.
Architect
1 April 1911

Scale 4 feet to 1 inch