

1647. I ask you again, did Mr. Lawson back up Mr. Brindley on every occasion?—On most occasions, I will say, if you want an answer in that way.

1648. You say that these cement-courses, which were put in at different levels, were not specified and were not paid for as an extra?—I did not say that they were not paid for as an extra. I do not recollect that.

1649. Then you do not know whether they were paid for as an extra or not?—I do not know.

1650. *Mr. Skinner.*] Do you say that this work, in which cement mortar was used, was an extra for which you received no payment?—I do not say that. I say that the cement in the parts I have described was not specified, but I do not recollect whether it was paid as an extra.

1651. Which are the parts that you have described?—The five or six courses at a time here and there to the height of the building, and entirely around it, more especially the whole of the piers in the ambulatory.

1652. Are you not aware that it is specified for every 3ft. to be the course?—That, sir, is in the hoop-iron bond; but I am speaking of five or six courses all around the building—brick and cement. The hoop-iron bond was done as well.

1653. The hoop-iron bonds were laid in cement; but you say there were other courses which were put in cement besides?—Yes.

1654. For which you were not paid as an extra?—I do not recollect whether it was paid as an extra.

1655. *The Chairman.*] I notice another item in the brickwork that is specified to be in cement—namely, “filling up all the voids.” That was all put in cement, was it?—Yes.

1656. And the tops of the chimneys, above the ridging?—Yes; and mostly to the sailing-courses.

1657. In the lime mortar that you used what lime was it you made use of?—Waiholia lime.

1658. Throughout?—Yes.

1659. And the sand?—Chain Hills sand.

*Mr. Gore, sen.* : From the south side of Dunedin.

1660. *Mr. Mountfort.*] In the sections of the building there are certain courses shown—of Oamaru stone, I suppose—which run all round the building. They are shown here in the drawing as going through the wall: was it erected like that here?—No; at every certain number of feet there is a “header,” which goes three-parts through the wall.

1661. How far apart shall we find these headers?—Probably every 8ft. or 10ft.

1662. On an average, how far apart shall we find these headers?—I am speaking only from memory.

1663. You say that they go three-fourths through the wall?—Well, it is three-parts of the wall.

1664. For instance, in an 18in. wall how far would it go through?—I should say about 9in. to 12in. They were not regular in length.

1665. How would you work it?—I do not say that they were regular. Some of them were 9in. and some 12in.; while some went entirely through the wall.

1666. You think that some of them went entirely through the wall?—Yes, some of them did.

1667. At what average, speaking to the best of your recollection, are your headers put in?—They would run from 6ft. to 9ft. apart.

1668. Are any of them shown in the drawing 6in. thick, do you think?—I cannot say now; I have not measured them for five or six years.

1669. The specification does not specify how thick a header is to be?—No.

1670. *The Chairman.*] But it provides the thickness of the string-courses, which are to be not less than 6in.?—I think it is bonded here and there.

1671. *Mr. Mountfort.*] The headers ought to be found showing on the outside on an average 8ft. to 10ft. all round?—Yes.

1672. But heading-stones ought to be found every 8ft. or 10ft.?—Yes.

1673. *The Chairman.*] I asked you yesterday a question referring to the drainage of the foundations, suggesting that the General Conditions provide for the drainage during construction. In the first clause of the specifications drains are alluded to, it evidently having been intended that some drainage should be done. It reads: “Trenches for drains will be cut to required depth and fall.” You see it evidently was intended that some drainage should be done?—It was done. There was one length of 6in. pipe put to the trap of each downpipe. That is what was specified.

1674. You are not under the impression that the Contractor, as Contractor, is bound to keep the water away from the foundations?—No, certainly not.

1675. Can you remember or point out what drainage you provided for in the contract?—Oh, yes! perfectly well. There was one length of drain-pipe to each downpipe—the rain-water pipes in the roof.

ARCHIBALD MORRISON sworn and examined.

1676. *Mr. Gore.*] You are a member of the firm of Anderson and Morrison, plumbers and iron-founders?—Yes.

1677. You did the plumbing at the Seacliff Asylum, did you not?—We did part of the plumbing.

1678. Which part did you do?—The internal plumbing; at least, most of it.

1679. Did you put in the soil-pipes in all the closets?—Yes.

1680. Do you remember Dr. Grabham reporting on the Seacliff Asylum on the 24th June, 1885?—Yes.

1681. Do you remember reading these words in his report—I am going to quote as it appears in the parliamentary Blue Book: “The leakage through the roof of the large hall shows greatly extended damage upon each of my successive visits, and ought to receive immediate attention. The