Proposed new House for the Medical Superintendent, plans by William Williamson

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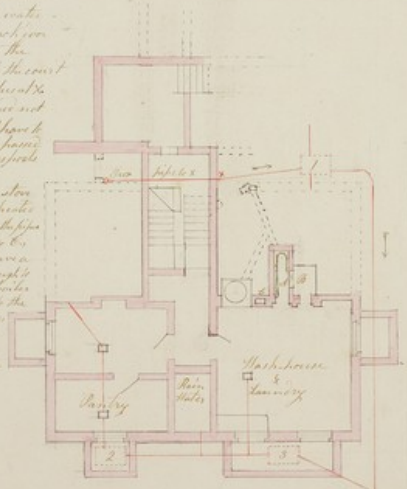
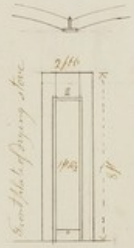
No 2

No 1.

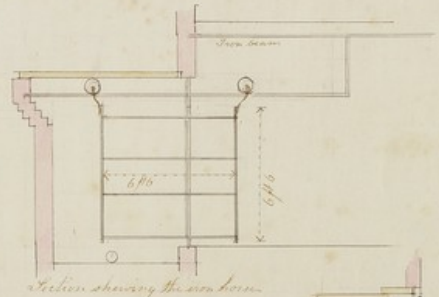
The red lines represent the
drains. There must be a trap
before entering from the water
closet, the drain in the back yard
passing, as near as may be, under the
basement ceiling into the court
and from the scullery before all the
three last of the drain are not
be very deep, but they will have to
be open quickly to all this passing
Drain pipes No 1, 2, 3 are iron pipes
and sketch traps.
A is designed for a drying stove
with one iron boiler, to be heated
from the ironing stove B, the pipes
to pass into the chimney C,
which chimney must have a
soot door on first floor, except it
allowed to be swept. The boiler
fire is required to go into the
chimney C, the other boiler
into the other chimney are
to be for the steam from the
boiler are to ventilate the
drying stove.



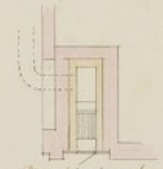
Basement Plan



Front Plate of Drying Stove



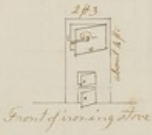
Section showing the iron beam



Plan of ironing stove

Section of ironing stove

Section showing the drying
Iron rest looking west.



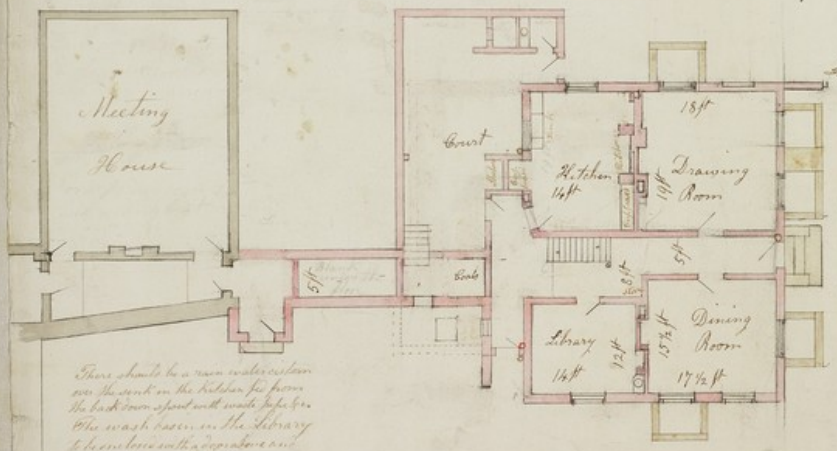
Front of ironing stove

Proposed new house for the Superintendent
at the Retreat. Scale 1½ of an inch to the foot.

Wm Williamson
June 1869.

June 1868.

North Boundary Wall
Darlington Road



No 2

There should be a rain water cistern over the sunk in the kitchen for from the back room spout with waste pipe &c. The wash basin in the Library to be enclosed with a cupboard over and another below the shelf.

If a new Meeting House should be built this one might be made into a play room for the children with swings a rocking boat &c. also to be a school room.

These plans will all have to be measured over again by an Architect, the are only meant to convey my ideas, and probably the Architect will find many alterations necessary for it cannot be done in any measurements through not having Quarter Plans of the under walls, shall be thankful are the measurements given

Ground Plan

Proposed New House for the Superintendent at the Retreat

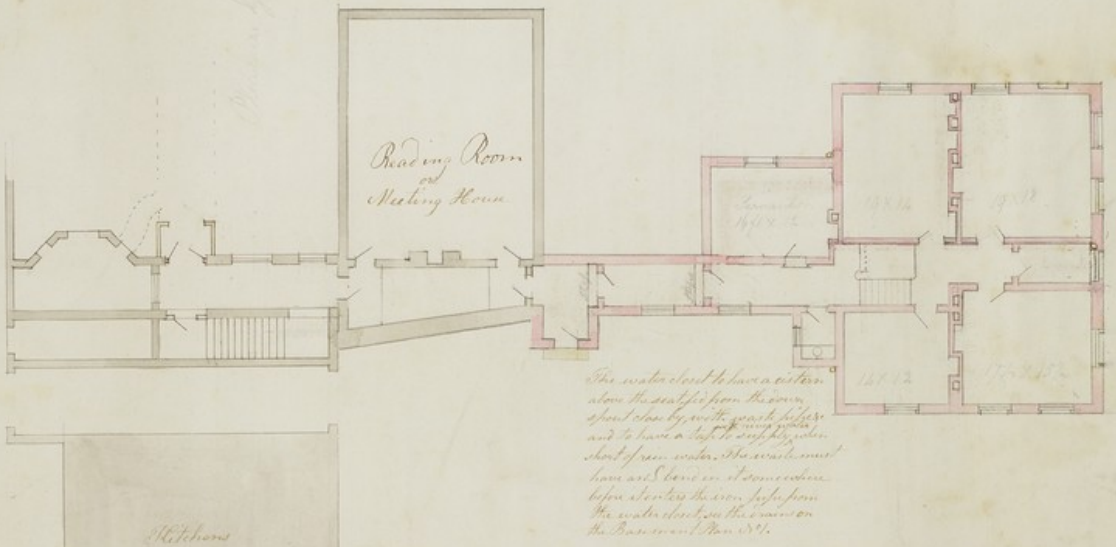
Scale 1/16th of an inch to the foot

Wm Williamson

7th mo 1868.

North Boundary Wall

Hartington Road



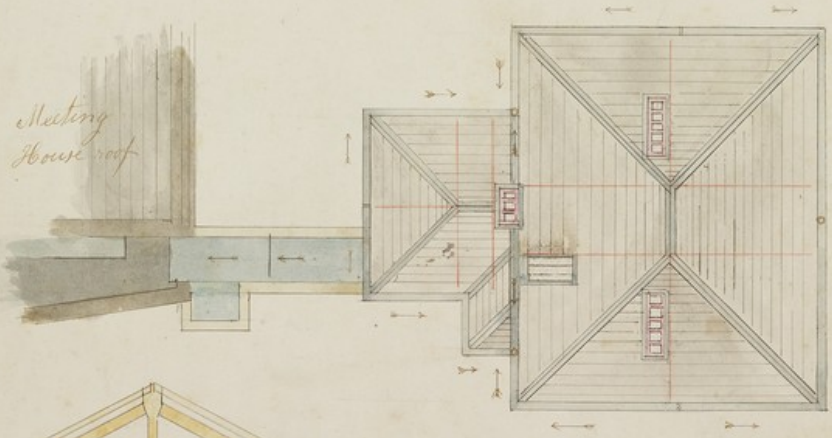
The water closet to have a cistern above the seat fed from the sewer, short close by, with waste pipe and to have a tank to supply cistern short of rain water. The waste must have an S bend or stopcock before it enters the iron pipe from the water closet, as the main on the Basement Plan 84.

Chamber Plan

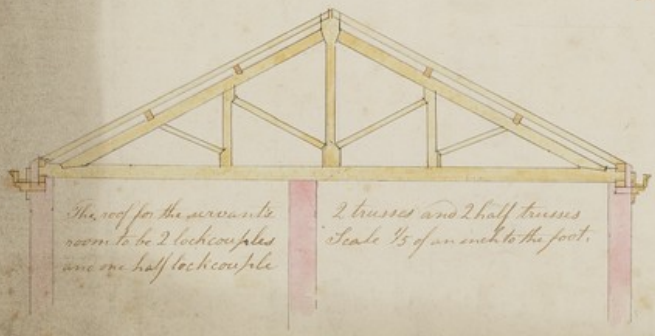
Proposed New House for the Superintendent at the Retreat. Scale 1/16th of an inch to the foot

Wm Williamson
7th mo 1868.

No 4



Roof Plan.



The roof for the servants room to be 2 lochcouples and one half lochcouple

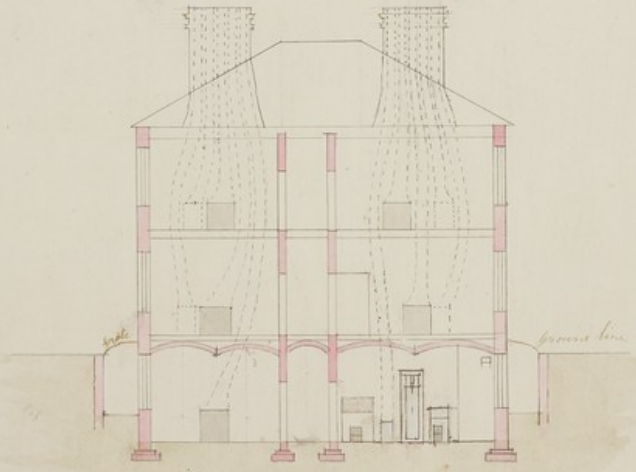
2 trusses and 2 half trusses
Scale 3/8 of an inch to the foot.

The flue of the servants room, must reach forward at least 9 inches [illegible] that when up to the ridge there shall be sufficient brickwork to cross the joists of the wooden beam ends. I have shewn a casing of 18 inches. I have shewn 3 flues though there is only one fire place, but I thought one flue to go such a height would be liable to be blown down, and again there can be 2 jambs into one flue from the water closet ceiling, and the other will ventilate the roofs, by making a hole into the large roof just above the ceiling. The large roof will require ventilation because it will be observed I design a small flue to pass up to the top ceiling to ventilate the wash house. This flue will also be required to ventilate the clothes horse in the washouse, also take the steam from the wash house boiler. It will pass across the Kitchen floor, and in order that the kitchen door to the room top, then rack to miss the flue above.

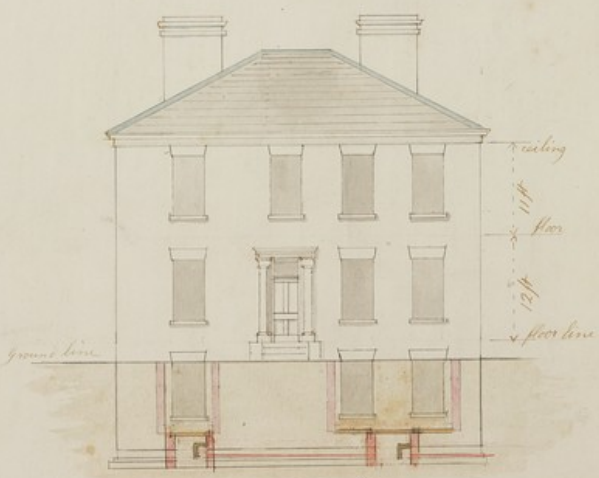
Proposed new house for the Superintendent at the Retreat
Scale 1/10 of an inch to the foot.

Wm Williamson
3rd mo 1869

N° 5



Front Section

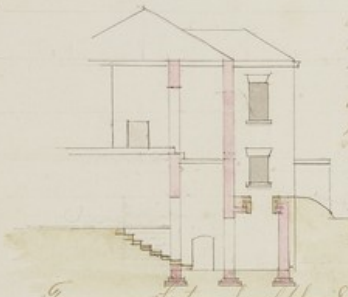


Front Elevation

Proposed new house for the Superintendent at the Retreat. Scale 1/8 of an inch to the foot

Jas Williamson
3rd mo 1869.

No 6.



Transverse Section of coal place &c looking north

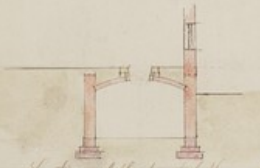
This section is not a straight cut across the building, for instance the entrance to the servants bed room is not perpendicular to the steps into the coal place but about 6 feet away on the door to the ~~bed room~~ and ~~opposite~~ the crown of the arch of the ~~over~~ fire place is not in a parallel line with the steps. The archway is where the coals are to be thrown down the ~~one~~ line for the wash house. There should be a strong shutter to prevent the coals from breaking the low window, then the window might come lower and be the same size as the upper one.

It will be observed that I have made a mistake in the size of the coal place at the ~~fore~~ place where this elevation has to shew, ~~the~~ ~~some part of the~~ ~~the~~ ~~the~~ ~~fore~~ ~~part~~

line

I drew 2 ground lines, the ~~under~~ one is the rake of the ground, and the upper one is designed that this part of the coal place may be rather higher and it can rake down smoothly to the other line, or a low wall and stone curb. The carts must back to shoot the coals down the grate.

East Elevation



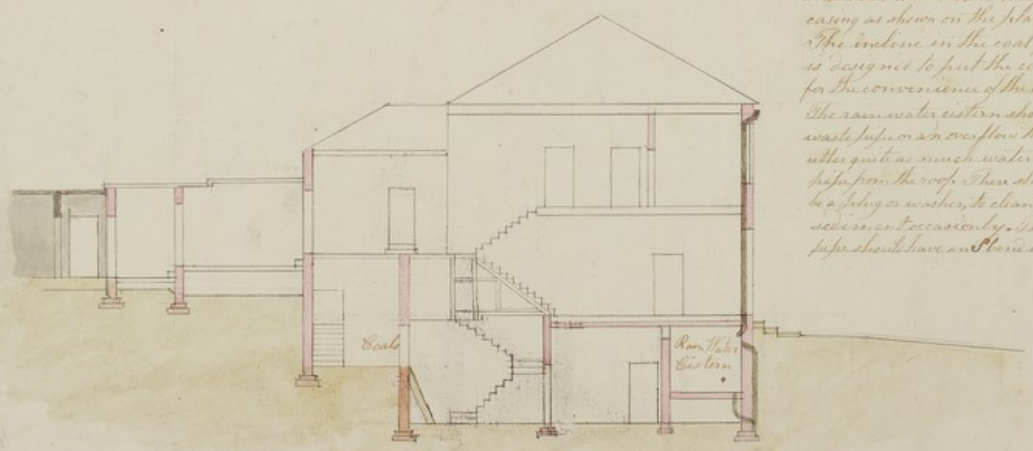
Section of the part of the coal place which is out side of the building.

Proposed new house for the Superintendent &c at the Retreat. Scale 1/8 of an inch to the foot

Wm Williamson
3rd mo 1869.

No 7.

It will be observed that I show the iron pipe from the spouts into the rain water cistern. It passes behind the window casing in the closet up stairs and then behind the front door casing as shown on the plans.
The incline in the coal place is designed to put the coals down for the convenience of the wash house.
The rain water cistern should have a waste pipe or an overflow that will utter quit as much water as the iron pipe from the roof. There should also be a plug or washer, to clean out the sediment occasionly. The overflow pipe should have an S bend in it.



Section through the passages looking west.

Proposed new house for the Superintendent at the Retreat. Scale ¼ of an inch to the foot.

Wm Williamson
3rd mo 1869.