To hegin with the lover, or cellar story. comment. or in snme other way and having from under the preservatory, both having My house is located on an oval knoll, dig-this hoor descend a few inches from the shelves. A like armagement at $\mathrm{C} L$ gives ging of the top of which furnished me with midde each way, so as to carry off the two large relhars, one above the other; on a nearly all the st nes, large and small, used water and resting this flone on rows of studs like priuciphe. in puting up its walls. All my cellar, there-below. which serve both to support the ice fore, is albe ground, exeept two holes, C I. and fasten shelves to, and to the outside row and 4 ; alongside of my ice-house.

You should bugin at the basement by ice drippings may run of behind this more erecting studs as for a wall. Sath wall of the preservanory, or between it and and plaster both sides, and finish the out- the two rows of studs ahove describued side as you do you loonse. Thus lumishes a Your preservatory is now perfeetly dry, an' phare for decel air-the best none-eondurtor of one timperature the year romed. Its butin the ivorld-superior, says Prof. Silliman, tom should aloo be double so as to be dry to tan-bark, or even charcoal. In tite plas- jet let water pass under it in mine the ite tering use a litte cement. 'Ihen erect water is gathred int the door, mider whic' another sat of studs, first baving nailed on it runs through a lead pipe, bent upward like your lath before they are raised ; then raise a new moon, which allows water to pass out and 'asten them, and plaster from the mside. bit prevents air from passing in. Tt passeor betucen the studs; this gives two confined :nto this cellir C L, and my mulk eloset N air-chambers. Then lath an the inside of which also has twn stories, the lower fo: these studs, and phaster, and you have air- preserves and what else we want to keep chambers all around to form an ice-house and ret do not thok worth the trouble of groin. a preservatory for bnth stories. Next lay finto the preservatary, and the top for milk your floor for the bottom of your ice-house 'mang two lhoors, which admits the cold aiand top of your preservatory, and make it ap into the milk-room, yet prevents dift from zoter-tight, by caulking, or plastering with destending, by the lower one cateling it.


All required to make this floor is, having and then nailing another floor to the top of lai!! your floor timbers, nail a floor to their these timbers, having another opening on zomeler side, learing a sprice an inch or two the other side of the floor.
wide at one side, and a shelf over this erack $M$ for milk; the cold air passing up from will prevent much dirt from getting down, the bottom story, into which the water runs

The entrance to iny preservatory is with two stairways leading to it; one from the side toward the kitehen, for the cook, and the other larger. for the gardener to take down barrels of bed, fruits, and the larger artucles. Thus all the cold of my ice is saved, and cools fite rooms, he preservatory and the other two double-storied rooms contignous. Even the cold which escapes in opening the preservatory door passes into these rooms, besites cooling the room marked A P, for apples, potatoes, etc., and that marked K $\$$, for litchen stores, both of which are fitted up with shelves. Now I subinit whether here is not ip plan wortlyy of imitation (unless it can be improved on) in any housu whose owner can afford an extra W00, the monost it need cost. And how sonn will it quit cost by buring butter, eggs, fruit. etc., when abundam and cheap, and k'eping them as gond as new till scarce and high, and then selling, to say nothing of the lusury of having fruit, grupes, and perfectly sweet May butter the year round, for they experience no sensible deterionation in flavour.

In the closet $C$ one angle $S$ carries up a stove-pijue hole, made out of that very matterial described for making the wall, and drewng up, as you Gilled up, a round stick the size of the the desired-a cheap way ot making chameys, and as good as the very best. A wash-boiler is stationed in the adjoining room W l , having a cistern, $\mathrm{C}, \mathrm{l}$, 10 by 10 -it eat easily he made larger or stratier-which receives the surplus water from the eisterns above, and the rool having at one corner three straight walls, one of which extends from botiom to top of the cistern, made of this same wall material, or of brick, and cemented both sides, having holes at the boteom. The other two are a Poot or eihgteen inclics high, and say a foot on each side of the other, alsn cemented, and the spaces between then and the high wall filled in ivith charcoal and coarse gravel, so that the water rising to the low wall runs down through this filtering charcoal thorough those lioles at the hotlom of the ligh wall then up through charcoal and coarse gravel on the other side, and thus doubly filtered, inakes the very best driukiag water in the world. Observe, too, that it yoins on the cool milk closet M , and lience imbibes considerable coolness from the ice-water. If I had ever so good well or spring of water, I should want these cisterns, because doublefiltered rain-vater is preferable to clll other water for drinking and culinary purposes. Olserve, also, that this water gets a double filtration in the cisterns above, before entering this, or four filters in all. And how much more handy to turn a fauret and draw water direct into a pail, than to raise it from the

