

so demands because, even with all of the present-day labor-saving devices, a great deal of time is spent at this location. If the house can be so located that there is a pleasant outlook from the kitchen windows the situation is that much improved. The sink should be so placed that the motion between the windows will not be exactly opposite the person working there. In each of the plans shown the case at the right of the sink would be raised about 18 inches above the sink level, giving a drain board on each side of the sink.

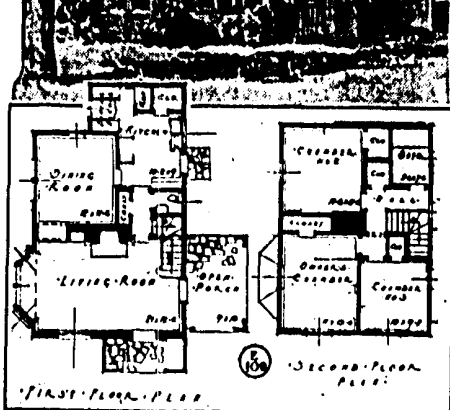
In large hotel and restaurant kitchens a considerable study is given to route diagrams. All operations are carried on in a continuous manner with as little backtracking and confusion as possible. On a much smaller scale the same routing is observed in a home kitchen. All of the raw materials come from the service porch and, after the completion of the kitchen operations, the finished product goes out to the dining room. A similar circle of operations obtains with regard to the use of the chinaware. In the schemes shown the arrangement of the kitchen and dining room will often be such that the features marked "cabinet" may be double-faced, opening into both the kitchen and the dining room. The chinaware may be put in from the kitchen side and taken out on the dining room side, saving many steps in passing from one room to the other.

With the advent of the mechanical refrigerator this important part of the household has been moved into the kitchen from the rear porch. Of course, it is always possible to have the ice box on the kitchen also, but in the smaller home it is sometimes necessary to have the ice box on the rear porch where it may be filled whether there is any one at home or not. Practically all of the electric refrigerators may be purchased without the legs, and by setting the box on a wooden frame the refrigerator may be built into the kitchen cases, eliminating the dust-collecting space under the refrigerator. With this scheme the box may also be placed at a higher level to obviate a greater amount of stooping over; and those models which have the refrigerator unit on top of the box may have this part behind a latticed door, removing it from sight and from the collection of dirt.

The ironing board is a built-in feature enclosed in a cabinet. In two of the schemes shown here the ironing board is in the door to the locker space which may be used for brooms, the vacuum sweeper, and the dining room table leaves.

Space here does not permit of discussing the many details of the built-in cases and fixtures. These cases are obtainable in ready-built units which may be assembled at the job, or the other cases may be made at the mill to exactly fit the situation. In either case a great number of convenient spaces may be provided for the storage of the many utensils and paraphernalia which make up the kitchen equipment. The arrangement of these cases is a study in itself.

So far this discussion has had the new house in mind; but the kitchen is one of the rooms of the existing house which allows of



By EORA W. WILSON
For NEA Service

Of English architecture, this little house with its pointed gable has a rare air of friendliness and charm. The leaded casement windows and oak door with half timber and white stucco are interesting and distinctive features.

The house is of white stucco made with Portland cement. The roof is of shingles painted tobacco brown. Wooden shutters are green blue. Chimneys are of stucco. With the half timber effect, the house stands out as a model in architecture.

Porch is Unusual. The visitor enters a small porch of brick with black iron hand rails and goes on into a living room that is small—21 by

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PALO ALTO MAN WINS HARVARD SCHOLARSHIP

Frank O. Copley, son of Mr. and Mrs. A. W. Copley, 2380 Waverley street, was announced last night as winner of the William Thomas Scholarship at Harvard given by the San Francisco Harvard Club.

Copley was graduated "with great distinction" last year from the Stanford School of Classical Languages and Literature, and is now taking graduate work in Greek and Latin at Harvard, planning to become a teacher.

Rembrandt, the great Dutch painter, died a bankrupt. Frans Hals, the great artist, continually in debt, lived at the end of parish relief.

remodeling without great expense because all of the features are within the room and may be changed or added to with the minimum of structural change in the house. A modern layout can be achieved in practically any existing kitchen. This should be a boon to many home owners because great strides have been made in kitchen equipment in the last few years; and many a house which is very comfortable in other respects is woefully lacking in its kitchen facilities.

Tide—Sun—Moon
U. S. Coast and Geodetic Survey
—Times of sunrise and sunset, moon rise and moon set at Redwood City; also times and heights of tides at Redwood Creek. For Palo Alto Tenth Harbor add 10 minutes.

Sunday, March 22			
	High	Low	High
Sun rise	6:16 a.m.		
Sun set		6:21 p.m.	
Moon rise	11:11 a.m.		
Moon set		11:51 p.m.	
Monday, March 23			
	High	Low	High
Sun rise	6:06 a.m.		
Sun set		6:29 p.m.	
Moon rise	11:01 a.m.		
Moon set		11:41 p.m.	
Tuesday, March 24			
	High	Low	High
Sun rise	5:56 a.m.		
Sun set		6:37 p.m.	
Moon rise	10:51 a.m.		
Moon set		11:31 p.m.	
Wednesday, March 25			
	High	Low	High
Sun rise	5:46 a.m.		
Sun set		6:45 p.m.	
Moon rise	10:41 a.m.		
Moon set		11:21 p.m.	

Note—in the above tabulations of the tides the daily tides are given in the order of their occurrence, commencing with the early morning tide in the left hand column and the low level of Coast Survey chart sounding. The numbers are always succeeding tides as they occur. On some days, but three tides occur, the fourth occurring the following morning.



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