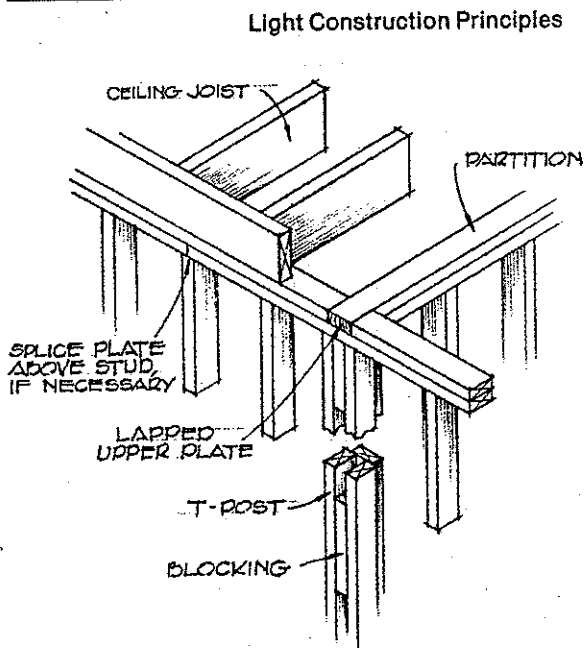


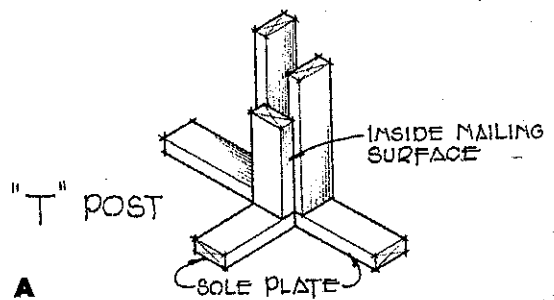
**Figure 12-77** Single top plate splice.

With the advent of wider framing to accommodate increased thickness of insulation, a desire to save on material costs led to the allowance of a single top plate alternative. The use of a single top plate in bearing and exterior walls is permitted as long as adequate top plate ties are provided (Fig. 12-77).

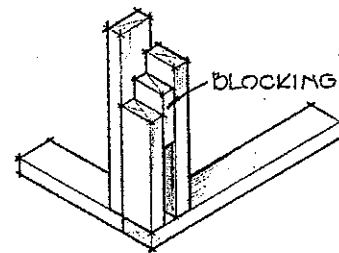
If ceiling heights are to be 8'-0" high, the studs are generally cut between 7'-8" and 7'-9" in length. Blocking, halfway up the height of the studs, stiffens the wall and prevents the studs from warping. If vertical paneling is to be used as interior wall covering, horizontal block-



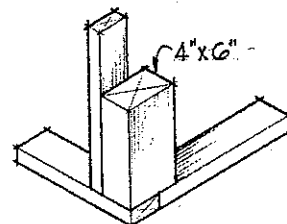
**Figure 12-78** Framing at intersections of walls.



**A**



**B**



**C**

**Figure 12-79** Stud framing at corners and intersection walls.