

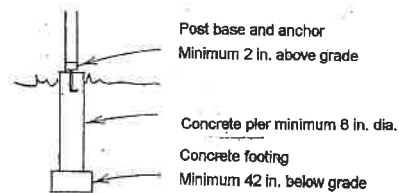
Calculate Footings/Piers

Step 1	Measurement from Ledger to Rim Joist or Beam	Ft
Step 2	Enter Measurement from End to End	Ft
Step 3	Multiply Step 1 X Step 2	SF
Step 4	Divide answer from Step 3 by 2	SF
Step 5	Add overhang Square Footage if your deck has an overhang, if not enter amount from Step 4 in Total	Total SF
Step 6	Divide Total from Step 5 by number of Support Posts less 1 =	SF
Step 7	Multiply amount from Step 6 X 50 PSF = Footing Load	PSF

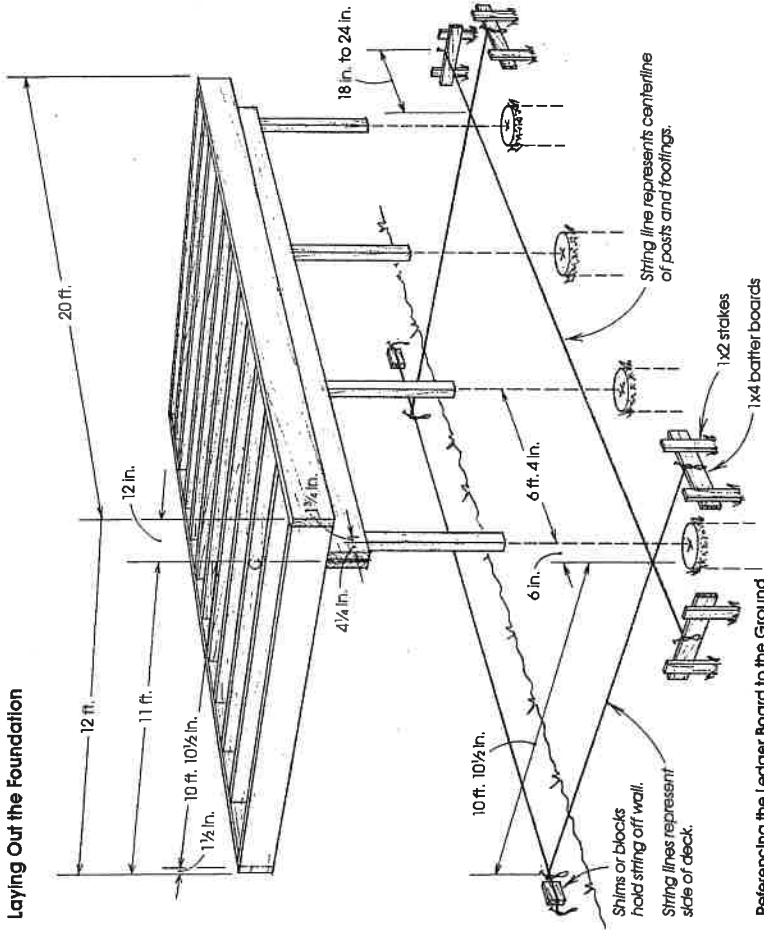
Step 8 Select Footing Load Capacity higher than Footing Load from Step 7 to obtain minimum required Footing Diameter from chart below.

Footing Load Capacity	Footing Diameter
700 PSF	8 in
1100 PSF	10 in
1580 PSF	12 in
2200 PSF	14 in
3540 PSF	16 in

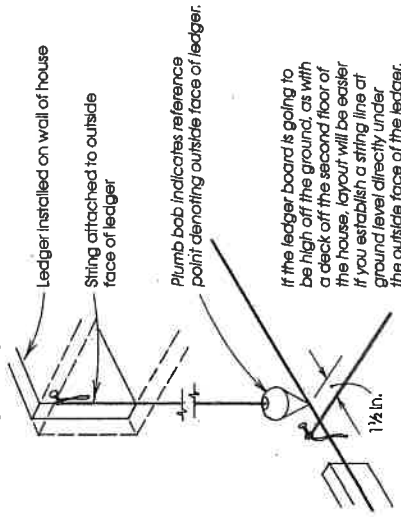
Footing Diameter Required _____ in.



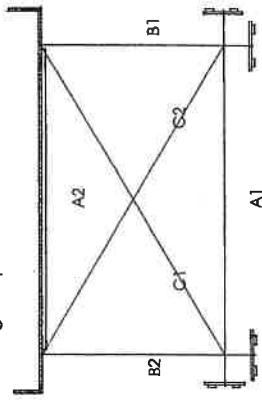
Laying Out the Foundation



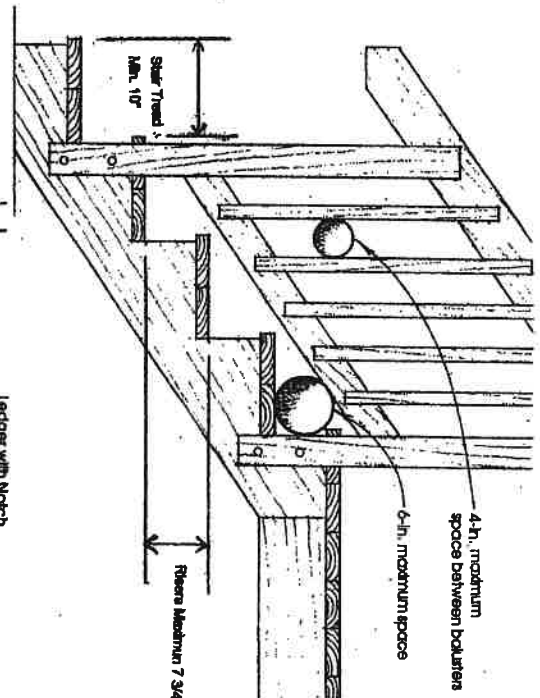
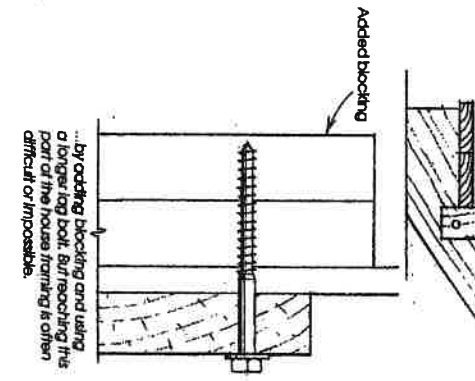
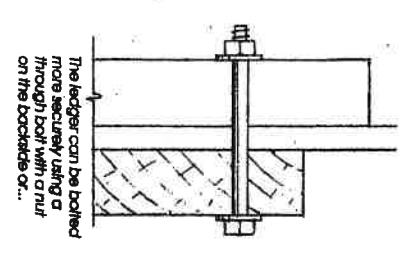
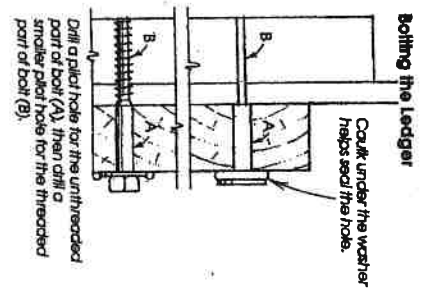
Referencing the Ledger Board to the Ground



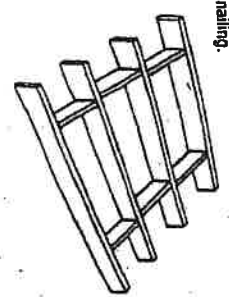
Checking for Square



After the layout strings are attached to batter boards, check for square. If A1 equals A2, B1 equals B2 and C1 equals C2, the layout is square.

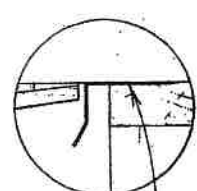


Bringing adds stability to the deck frame-work. Stagger the bridging on a line for ease in nailing.

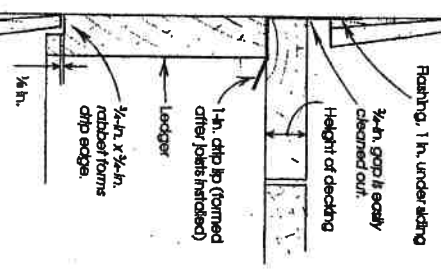


Ledger with Bottom Raising

The bottom of the cutout in the string is lower than the bottom of ledger.

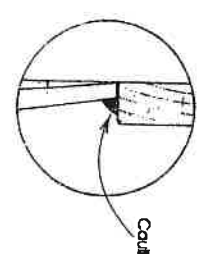


Ledger with Notch

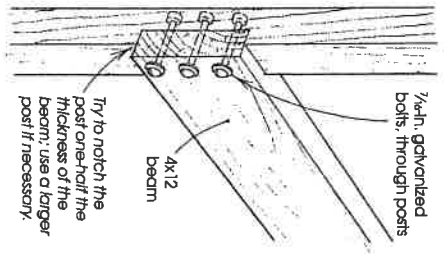


Ledger with Caulk

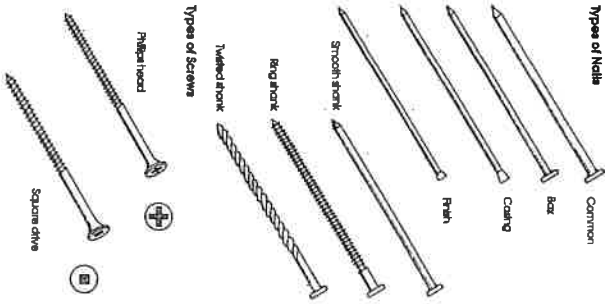
The bottom of the cutout in the string is flush with bottom of ledger.



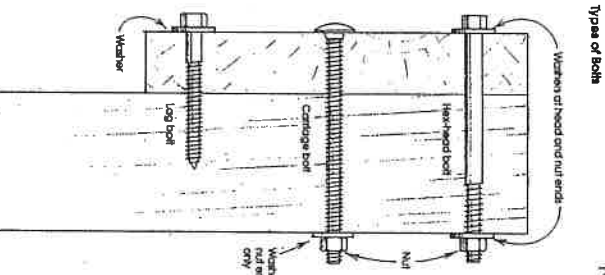
Notched Beams



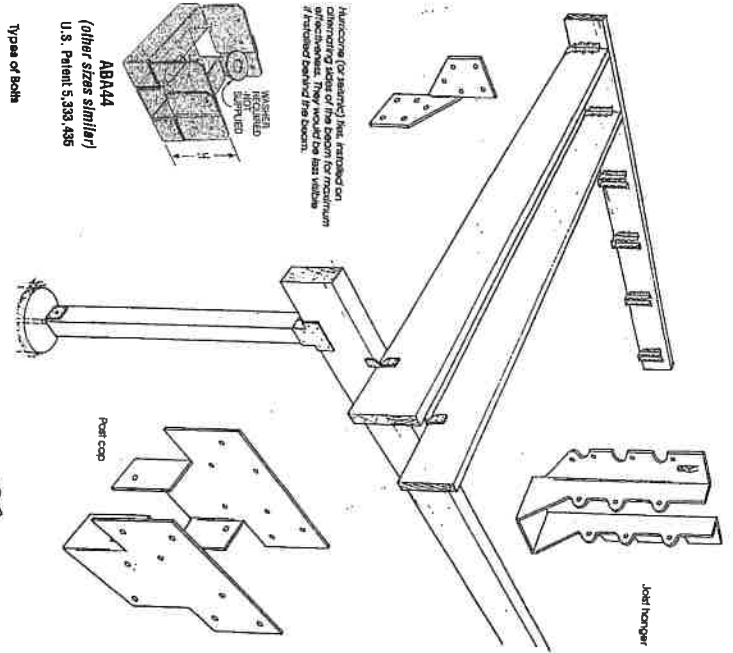
Types of Nails



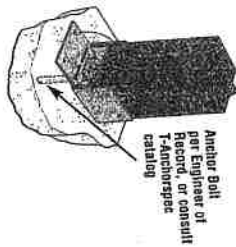
Types of Bolts



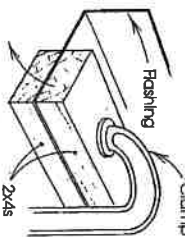
Joint Langer



Anchor Ball (or similar) has installed on alternating side of the beam for maximum strength. They would be less visible if installed facing the beam.



Bending Flashing



Flashing can be bent to form a clip lip by first clamping 2x4s along the bend line.