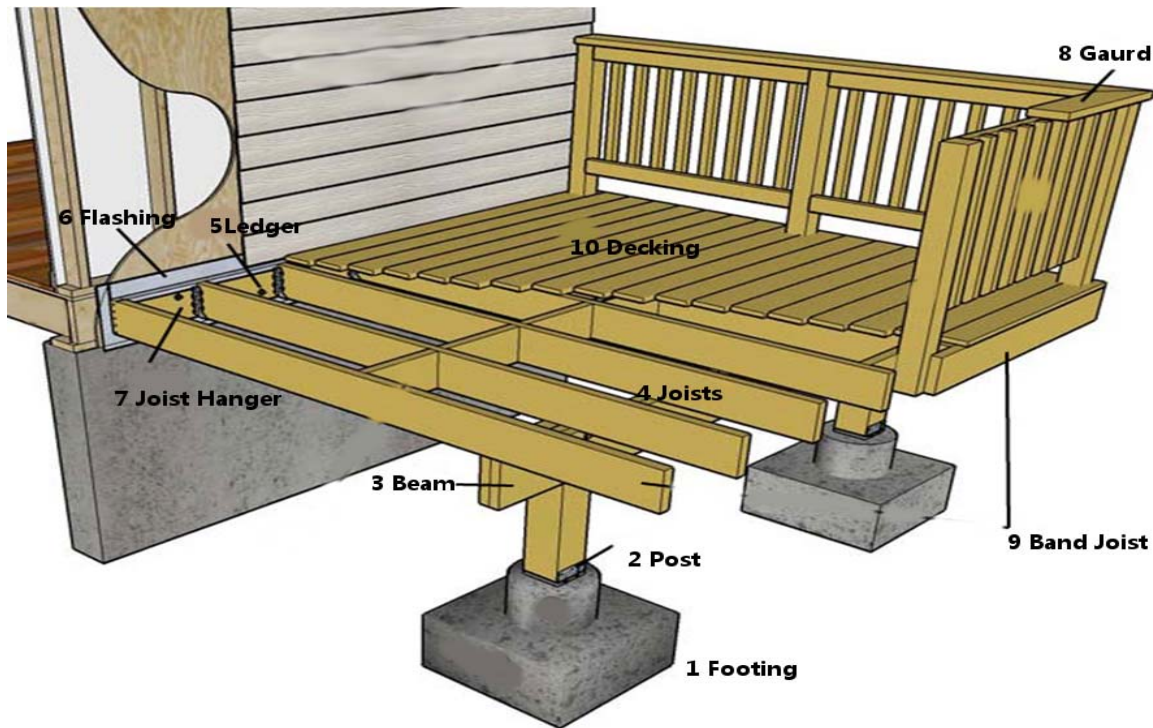


## Decks for single family dwellings



1. Footing Depth below grade \_\_\_\_\_ (Min 42) size \_\_\_x\_\_\_ or Diameter \_\_\_\_\_ Thickness \_\_\_\_\_
2. Post size \_\_\_x\_\_\_ post must be attached to the footing or be embedded in the soil or concrete 12''
3. Beam size \_\_\_ - \_\_\_x\_\_\_ beam span between posts \_\_\_\_\_ See beam span chart table 507.6 also see post connection details figure 507.7.1
4. Joist size \_\_\_x\_\_\_ joist spacing \_\_\_ o/c joist Spans \_\_\_\_\_ see table 507.5
5. Ledger connection requires ½ diameter bolts or lag screws 2 rows spaced \_\_\_ on center see table 507.2 and figure 507.2.1
6. Corrosion resistant flashing is required
7. Joist hangers are required anywhere a joist is not directly supported by a beam or wall.
8. Deck height above grade \_\_\_ Guards are required on decks 30'' or more above grade, guards are a minimum of 36'' high with spacing 4'' or less
9. Band joist may act as the beam with proper joist hangers and post connections if it is sized to span between the posts.
10. Decking size and type see table 507.4 for joist spacing for decking materials
11. Distance of cantilever if applicable. \_\_\_\_\_ Deck joist are permitted to cantilever up to ¼ the adjacent joist span

**NOTE: THIS DRAWING IS INTENDED TO OBTAIN INFORMATION NEEDED TO ISSUE A BUILDING PERMIT FOR A DECK. A DRAWING INDICATING THE SIZE OF THE DECK, THE LOCATIONS OF ALL SUPPORTS AND STAIRS IS ALSO REQUIRED. SEE CHAPTER 507 IN THE MICHIGAN RESIDENTIAL CODE OR OUR HANDOUT FOR INFORMATION ON THE NEW DECK REQUIREMENTS.**