

*Any Questions  
or Concerns  
about How to  
Build a Deck?*

*Please contact:*

**City of Dover  
Planning and  
Inspections**

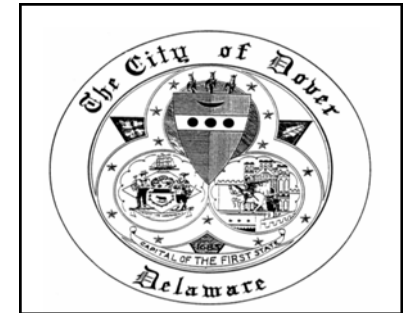
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Dover, DE 19903

**(302) 736-7011**

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# Deck Plans

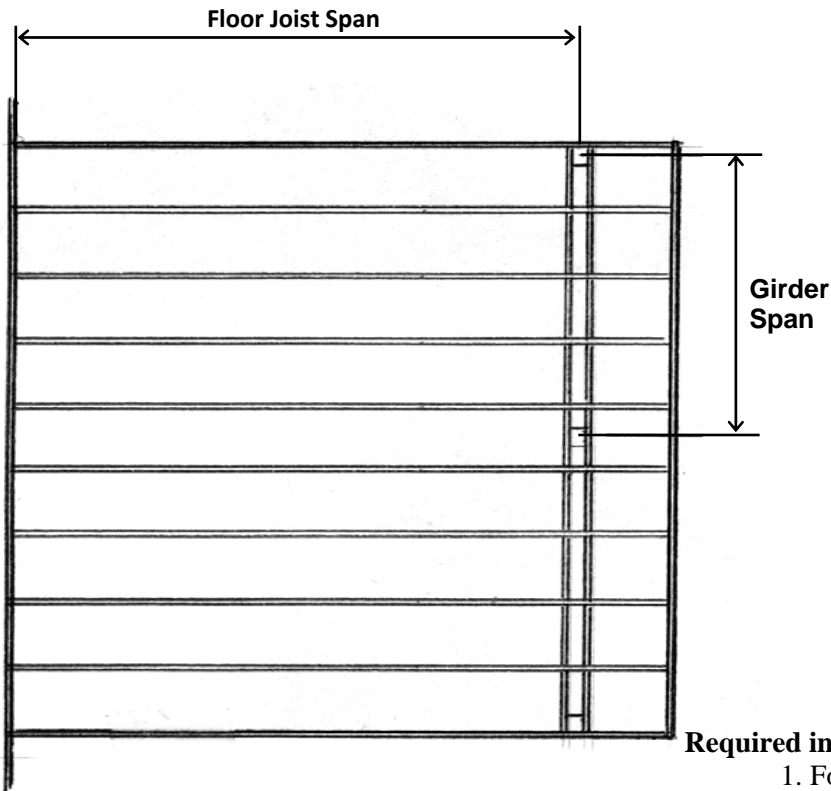
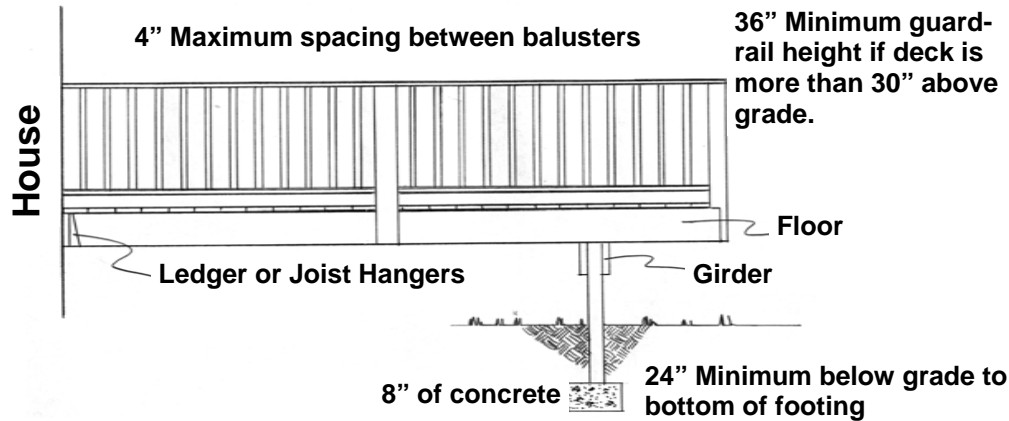


**SUPPLEMENTAL DECK  
REQUIREMENTS**

**City of Dover**

**Planning  
&  
Inspections**

# Deck Plan Sample



Required inspections:

1. Footing
2. Frame
3. Final

## Joist

### FLOOR JOIST SPANS

MAX. @ 12" ON CENTER		MAX. @ 16" ON CENTER		MAX. @ 24" ON CENTER	
2 X 6's	10' 3	2 X 6's	9' 4	2 X 6's	8' 1
2 x 8's	13' 6	2 x 8's	12' 3	2 x 8's	10' 3
2 x 10's	17' 3	2 x 10's	15' 5	2 x 10's	12' 7
2 x 12's	20' 7	2 x 12's	17' 10	2 x 12's	14' 7

## Girder

### 2 PIECE GIRDERS MAXIMUM SPAN BETWEEN

Size of Girder	SIZE OF DECK (or space between girders)				
	8' DECK	10' DECK	12' DECK	14' DECK	16' DECK
2 - 2 x 6's	7' - 0"	6' - 3"	5' - 9"	5' - 4"	4' - 11"
2 - 2 x 8's	8' - 11"	7' - 11"	7' - 3"	6' - 9"	6' - 3"
2 - 2 x 10's	10' - 10"	9' - 8"	8' - 10"	8' - 2"	7' - 8"
2 - 2 x 12's	12' - 7"	11' - 3"	10' - 3"	9' - 6"	8' - 11"

**NOTE:** If there are to be steps:  
 Maximum Rise Height = 7 3/4 inches for each step.  
 Minimum tread depth = 10 inches

If there are four or more risers, a handrail, between 34 and 38 inches high, is required on at least one side.

Decks not supported by a dwelling shall also be provided with footings that extend below the frost line.