SUBMITTAL REQUIREMENTS

The City of Emporia requires a building permit, if the deck is going to be more than 30" above the adjacent grade or if a roof is going to be constructed over the deck.

HOW DO I GET STARTED?

The following information is needed to obtain a deck permit:

✎A building permit application must be completed by a licensed contractor unless the homeowner (who resides at this location) is doing the work; in which case the homeowner will be required to submit the application. Building permit application forms are provided by the Code Services Department.

✎In addition to the building permit application being submitted, a plot plan drawn to scale is required to be prepared and submitted to include the following information:

✓property dimensions (size of the lot)

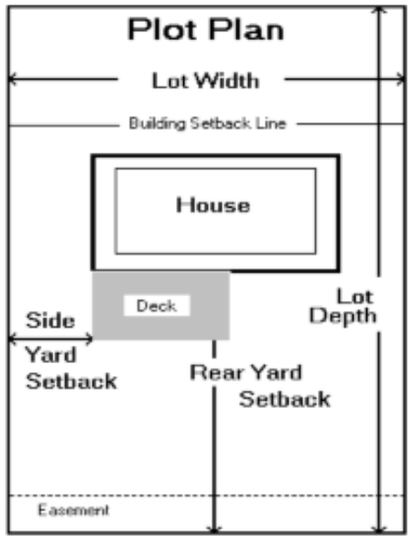
✓location of existing structures and distances to property lines

✓location of gas & electric services

✓easements

✓proposed location of the deck and distances away from property lines

✓the dimensions of the deck



CONSTRUCTION REQUIREMENTS

✓Setbacks from property lines must be according to the Zoning Regulations.

✓Footings and piers must extend a minimum of 36" below grade & 12" in diameter & bear on undisturbed soil.

✓Maximum allowed cantilever is 1x the depth of the framing member being cantilevered unless professional engineered designed.

✓Structural requirements for decks are based upon the following loads: 40 psf live load, 10 psf dead load.

✓Guardrails are required for any portion of the deck which exceeds 30" above grade and open sides of stairways.

✓Guardrails shall have intermediate rails or ornamental patterns such that a 4" ball cannot pass through. This includes spaces around and under seats.

✓A handrail is required on stairways with 4 or more risers and shall be placed not less than 34" nor more than 38" in height above the nosing of treads.

✓Minimum required stairway width is 36", minimum stair tread depth 9", and maximum rise 8".

SPAN TABLE

The following is a span table to help you when selecting floor joists for decks using C.C.A. Treated Southern Pine (maximum moisture content - 19%). Span for joists is the clear distance between supports.

Table 1
JOIST SPAN TABLE

C.C.A. Treated Southern Pine
#2 or Better

2 x 6		
	12" On Center	10'-9"
	16" On Center	9'-9"
	24" On Center	8'-6"
2 x 8		
	12" On Center	14'-2"
	16" On Center	12'-10"
	24" On Center	11'-0"
2 x 10		
	12" On Center	18'-0"
	16" On Center	16'-1"
	24" On Center	13'-2"
2 x 12		
	12" On Center	21'-9"
	16" On Center	18'-10"
	24" On Center	15'-4"

REQUIRED INSPECTIONS

You will need to call the Code Services Department at 343-4274 to schedule your inspection. You will be asked for your name, address, and what type of inspection you are requesting. The following inspections are required for deck construction:

✓ Stake-Out - to assure compliance with the setback requirements as required by the Zoning Regulations and the Building Code.

✓ Pier/Footing - inspect the minimum depth and size requirements.

✓ Rough-In Framing - only if structural elements will not be visible upon completion.

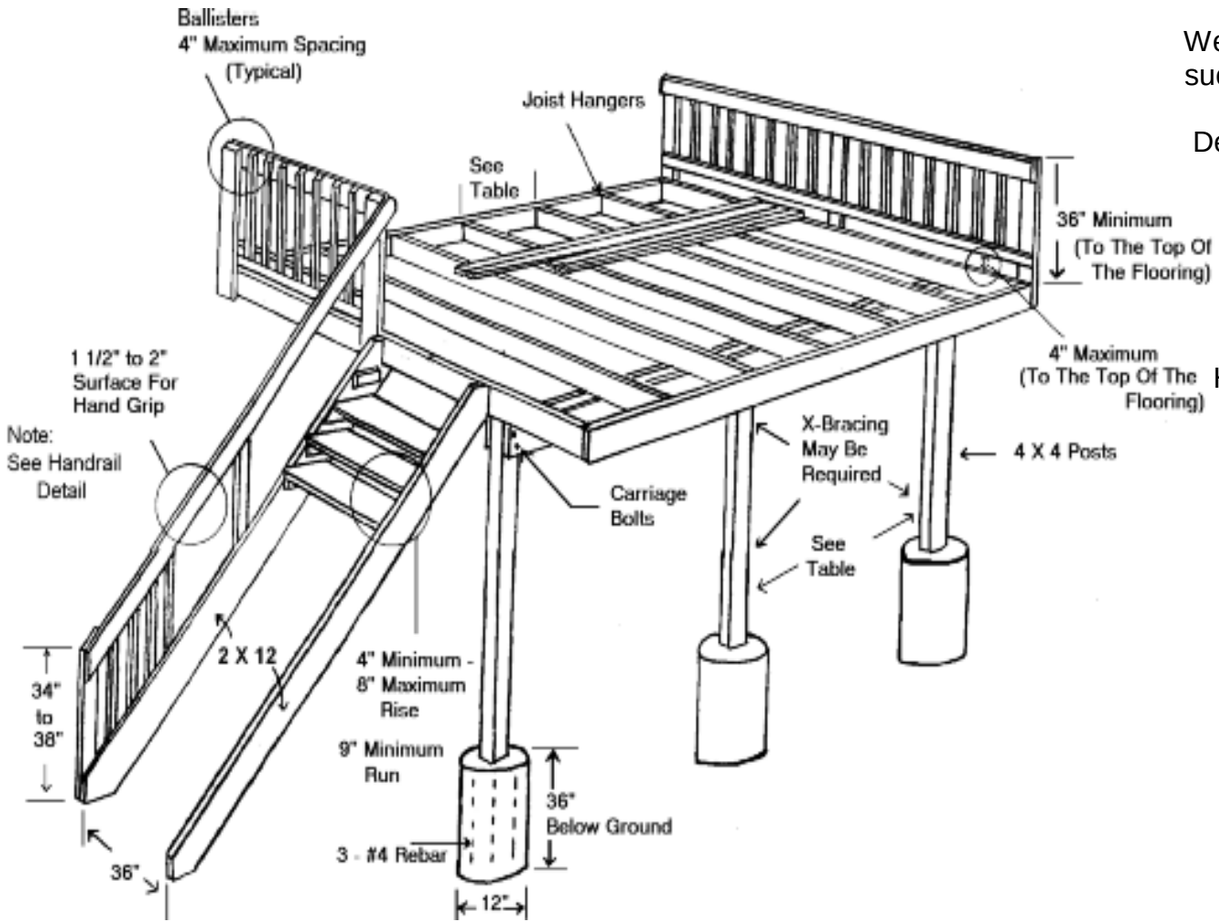
✓ Final - after work is completed.

CONTRACTOR REQUIREMENTS

The contractor must be currently certified, licensed and bonded with the City of Emporia.

DECK GUIDELINES FOR CODE REQUIREMENTS

(This drawing is for one method of construction & not to be construed as the only method.)



GENERAL REQUIREMENTS

- Rise and Run shall not exceed the smallest by 3/8".
- Handrails may project 3 1/2" into the required stairway width.
- 40lb. live load and 10lb. deadload; 50lbs total load.

A great deck begins with a good plan.

We want to help make your project successful. We encourage you to contact the Code Services Department with any questions at 620-343-4274

Help is just a phone call away.

City of Emporia
Code Services Department
Department

521 Market Street
P.O. Box 928
Emporia, Kansas 66801

620-343-4274

Revised - April 2001

THE CITY OF EMPORIA
Code Services Department

EMPORIA
City of Emporia

DECK CONSTRUCTION