



Village of Four Seasons
133 Cherokee Road
Four Seasons, MO 65049
Phone: 573-365-3833 Ext.6
mac@villageoffourseasons.com

NEW DECK CONSTRUCTION & REPAIR

Building inspection verification points to comply with 2018 IRC

1. All piers will have a depth of 24 inches and size will be in accordance with Table R507.3.1
2. Deck post height will be in accordance with Table R507.4
3. Columns shall be restrained to prevent lateral displacement at the bottom end per R507.4.1
4. Allowable joist spans per R502.3
5. Joists hanger to be used on all joist attachments to rim and band boards per R507.1 and R301.5
6. Floor cantilevers per R502.3.3
7. *Placement of lag screws or bolts in deck ledgers and band joists will be in accordance with R507.9.1.3*
8. *Deck lateral load connection will be in accordance with R507.9.2 and figures R507.9.2(1) and R507.9.2(2)*
9. *Hold down tension devices shall be installed in not less than two locations per deck and each device shall have an allowable stress design capacity of not less than 1500 LBS per R507.2.3*
10. *Where posts and beam or girder construction is used to support floor framing, positive connections shall be provided to ensure against uplift and lateral displacement per R502.9*
11. Structural floor members shall not be bored or notched in excess per R502.8, R502.8.1 and R502.8.2
12. Floor joist placement Per R317 and R408

13. Girders spans and headers per R502.5(1-2)
14. *Decking per R503.1 and R317.*
14. Staircase structure per R311.7 thru R311.7.7 and R502.10
15. *Guards & railing as per R311.7.8 thru R311.7.8.4*

DECK AND ROOF STRUCTURE

1. Roof structure framing, bracing and location over bearing walls per R802.1 thru R802.9 and R802.10.3 and table R802.5.1.1(9)
2. Alteration to trusses per R802.10.4
3. Uplift resistance per R802.11
4. Roof structure, if truss built, must have plans to inspect structure. No exceptions per R502.11.1 and R802.10.1
5. Roof rafter spans per Table R802.5.1(1-9)
6. Braced rafter construction per R802.10.3 thru R802.11.1 and Figure R802.5.1
7. Roof sheathing per section R803.
9. Ceiling joist spans per Table R802.4(1-2)
10. Ceiling joist and rafter connections per R802.3.1