

#18

NEW DECK CONSTRUCTION & REPAIR

Permit #

Date:

Address:

Contractor:

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REVISED SEPTEMBER 2012

1. Foundation construction, if footing structure supports two decks or more, a continuous footing is required. All other deck structures with a maximum deck width of 12' require 18" W x 18" L with a depth of 24" below grade concrete pads

Approved for concrete placement <>

Column construction per Section R407 and Section R317

Code compliant <> Non-Compliant <>

2. Single deck levels with height above grade not exceeding 10ft. will be supported by 6x6 wood columns. Wood columns will be notched and thru bolted to secure rim attachment

Code compliant <> Non-compliant <>

All Decks exceeding 10' above grade will be supported on steel columns. Span of columns not to exceed 8ft. Steel columns will have a welded shelf to secure rim attachment.

Columns shall be restrained to prevent lateral displacement at the bottom end per R407.3

Column construction accepted. <>

3. Allowable joist spans per R502.3

Code compliant <> Non-Compliant <>

4. Joists hanger to be used on all joist attachments to rim and band boards per R507.1 and R301.5

Code compliant <> Non-Compliant <>

5. Floor cantilevers per R502.3.3

Code compliant <> Non-Compliant <>

6. Placement of lag screws or bolts in deck ledgers and band joists will be in accordance with R507.2.1

Code-Compliant <> Non-Compliant <>

7. Deck lateral load connection will be in accordance with R507.2.3

Code-Compliant <> Non-Compliant <>

8. 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

9. 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

Code-Compliant <> Non-Compliant <>

10. Structural floor members shall not be bored or notched in excess per R502.8, R502.8.1 and R502.8.2

Code compliant <> Non-Compliant <>

11. Floor joist placement Per R317 and R408

Code compliant <> Non-Compliant <>

12. Girders spans and headers per R502.5(1-2)

Code compliant <> Non-Compliant <>

13. Decking per R503.1 and R317.

Code compliant <> Non-Compliant <>

14. Decks with concrete decking will be engineered and stamped. Plans to be submitted before deck construction

15. Staircase structure per R311.7 thru R311.7.7 and R502.10

Code compliant <> Non-Compliant <>

16. Guards & railing as per R311.7.8 thru R311.7.8.4

Code compliant <>

Non-compliant <>

Deck structure approved <>

Inspector:

Date:

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)

Code compliant <>

Non-Compliant <>

2. Alteration to trusses per R802.10.4

Code compliant <>

Non-Compliant <>

3. Uplift resistance per R802.11

Code compliant <>

Non-Compliant <>

4. Roof structure, if truss built, must have plans to inspect structure. No exceptions per R502.11.1 and R802.10.1

Code compliant <>

Non-Compliant <>

5. Roof rafter spans per Table R802.5.1(1-9)

Code compliant <>

Non-Compliant <>

6. Braced rafter construction per R802.10.3 thru R802.11.1 and Figure R802.5.1

Code compliant <>

Non-Compliant <>

7. Roof sheathing per section R803.

Roof sheathing to meet Village of Four Seasons Ordinance NO. 09-03 stating that all roof structures constructed with rafter or beam spacing from 19 3/16" to 40" shall be sheathed with 5/8" thick panel of lumber sheathing. All structures having rafter or beam spacing less than 19 3/16" shall be sheathed with 1/2".(09-22-09)

Code compliant <>

Non-Compliant <>

9. Ceiling joist spans per Table R802.4(1-2)

Code compliant <>

Non-Compliant <>

10. Ceiling joist and rafter connections per R802.3.1

Code compliant <> *Non-Compliant* <>

Comments: _____

Approval for new shingles placement <>

Inspector:

Date: