



Village of Four Seasons
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ROUGH IN HVAC

Building inspection verification points to comply with 2018 IRC

1. Duct system in crawl space or attic areas must be insulated and all joints tape per M1601.4.5

2. Duct location and placement per M1601.4.3

Support of ducts per M1601.4.3

3. All mechanical equipment in attic areas requires second safety condensation pans with discharge to daylight per M1411.3.1.

4. Mechanical rooms need to have one hour fire rating with fire and smoke detector integrated in to house system.

5. Clothes Dryer exhaust per M1502

Dryer exhaust systems shall be independent of all other systems and convey the moisture to the outdoors.

The maximum length of the exhaust shall be 35 feet.

DRYER EXHAUST DUCT FITTING TYPE EQUIVALENT LENGTH

4 inch radius mitered 45 degree elbow		2 feet 6 inches
4 inch radius mitered 90 degree elbow		5 feet
6 inch	45	1 foot
6 inch	90	1 foot 9 inches
8 inch	45	1 foot
8 inch	90	1 foot 7 inches
10 inch	45	9 inches
10 inch	90	1 foot 6 inches

6. Range Hoods exhaust per M1503

Shall be independent, discharge to the outside, shall have a smooth interior, shall be air tight and be equipped with a back-draft damper. Shall be constructed of galvanized steel, stainless steel or copper.

7. Over Head Exhaust Hoods per M1505

8. Mechanical ventilation in Bathroom and toilet rooms per M1507

Shall be exhausted directly to the outside.

9. Under floor ventilation per R408.1 thru R408.310. Ducts system insulation per Section N1103, N1103.2.1 and N1103.2.2 thru N1103.4.2 and per M1601.3