

Community Development Building Inspections Dept.

111 E Maple Ave. Independence, MO 64050

Permit number: _____

Phone: 816-325-7401

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Reviewed by: _____

Date: _____

Residential Plan Review Checklist 2018 Intl. Residential Code

complies	does not comply	insufficient information	revised plan requested	revised plan or letter requested	not applicable
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CODE SECTION	ITEMS REQUIRED					
R 301 / R 106	Design criteria on plans (adopted codes listed)					
CHAPTER 13	Mechanical System Description					
E 3404	Electrical System Description					
R 301.2.4	Flood Plain					
R 303	Light and Ventilation Schedule					
R 308.4 / R 312.2	Hazardous glazing / Window Fall Protection noted					
R 302.5	Attached Garage fire separation					
R 310.1	Bedroom emergency egress- below grade rooms have egress window per 310.2					
R 311.2/311.6	Egress doors and hallways					
R 311.3	Landings at Doors					
R 311.7	Stairways, rise, width, run and headroom					
R 311.7.7/312.1	Handrails and Guardrails					
R 314/315.1	Smoke detector locations/Carbon monoxide detectors					
R 316	Foam plastic separation					
R 302.3	Multiple dwelling unit fire separation					
R 401.4	Soil bearing capacity, <i>(If none shown; use 1,500psf as assumed w/o soils report)</i>					
R 402.2/506.1	Concrete slabs in basement, garage and habitable spaces					
R 403.1	Footing and pier pad size and locations					
R 403.1.6	Foundation anchors					
R 404	Foundation wall sizes and reinforcement					
R 405.1/406.1	Foundation Drainage and Damp proofing or Waterproofing					
R 408.1	Crawlspace Ventilation					
R 501.2	Bearing for all structural loads					
R 502.3	1st floor joists					
R 502.3	2nd floor joists					
R 502.5	Tables a and b; beams and headers in crawlspace and basement					
R 407/606.6	Basement or crawlspace columns and piers					
R 601.1	1st floor walls					
R 601.1	2nd floor walls					
R 502.5	1st floor headers and beams					

R 502.5	2nd floor headers and beams								
R 302.11	Fire stopping								
R 602.10	Wall bracing								
R 703.7	Stone and Masonry Veneer								
R 703.6/703.6.2.1	Stucco/Weep Screeds								
R 802.2	Roof beams, hips, valleys, ridges showing sizing								
R 802.3.1	Rafter ties, joists not perpendicular to rafters								
R 802.4	Ceiling joist spans								
R 802.5	Roof rafter spans								
R 802.5.1	Roof purlins								
R 802.10	Trusses- structural calcs and layout provided w/ plans								
R 803.1	Roof sheathing thickness/clips								
R 806.1/807.1	Attic ventilation and/or Attic access								
R 1001.1	Masonry fireplaces								
R 1003.1	Masonry chimneys								
R 1004.1	Prefabricated fireplaces (<i>Install per Manufacturer's Specifications</i>)								
ELECTRICAL									
110.26; 240.24; 230.7	Panel Location								
230.71; 230.72; 310.15	Service Riser Diagram								
210.11	Required Branch Circuits								
210.8	GFCI Receptacles								
210.12	AFCI Receptacles								
210.52 & 210.70	Required Receptacles								
210.70 & 303.6	Required Lighting and Switching								
220	Service Calculations								
250.50; 250.52; 250.66	Grounding Electrode								
PLUMBING									
Chapter 27	Fixture Locations/Types								
MECHANICAL									
M 1303.1	Equipment Type								
M 1401.3; 2431.1	Equipment Size								
M 2406.2; 1305 & CH. 14	Equipment Location								
M 1304.1	Fuel Type								
M 1401.3	Load Calculations								
M 1601.1	Supply/Return Duct Sizing								

NOTES: _____
