

	CODE VIOLATION	ORSC	OSSC	NOTES
FOOTING/FOUNDATION				
Planning, site, and grading				
1	A copy of the building permit is required on sit	R105.7	105.7	
2	Site plan absent or insufficient	R106.2	107.2.5	Site plan must show setbacks, projections, and distances from lot lines
3	Approved construction plans not provided on job site	R106.3.1	107.3.1	
4	Work not ready for inspection	R109.3	110.5 110.6	Permit holder or agent required to notify building official when ready Do not cover work prior to inspection
5	Inspection Sign-off Card not on job site (when provided by the jurisdiction)	R117.1	N/A	
6	Site address not plainly visible	R319.1	501.2	
7	Fill soils do not comply with code and/or accepted engineering practice	R401.2	1804.5	Fill soils that support footings or foundations are required to be installed and tested per accepted engineering practice
8	Slopes exceed engineering requirements and/or setback	R403.1.9	1808.7	
Footings				
1	Construction joints between concrete footing and stem wall do not meet minimum seismic reinforcement requirements	R403.1.3.1	N/A	D ₁ or D ₂ seismic zones: require vertical rebar
2	Concrete footings and/or stem walls do not meet minimum seismic reinforcement requirements	R403.1.3	N/A	D ₁ or D ₂ seismic zones: minimum 1, no.4 rebar in footing and 1, no.4 rebar in stem-wall
3	Exterior footings do not meet minimum depth requirements	Tbl.R301.2(1) R403.1.4	1809.4 1809.5	Min. 12 in. below grade or frost line and on undisturbed soil
Foundation				
1	Grounding electrode (UFER) not installed properly	R403.1.8	1808.8.5.1	
2	Foundation does not meet minimum elevation requirements	R403.1.9.3	1808.7.4	Top of foundation to be at 12 in. + 2 percent above street gutter
3	Foundation walls do not meet minimum seismic design requirements	R404.1.3.2 R404.1.2.1	1807.1.6.2.1(2)	D ₁ or D ₂ seismic zones: Reinforced foundation walls with 4 ft. or higher (from top of stem wall to bottom of footing) of unbalanced fill, requires vertical rebar
4	Foundation walls do not meet minimum design standards	R404.1.3 R404.1.2	1610 1807.1.6 1807.2	Foundation walls retaining over 4 ft. of backfill must be restrained by floor or slab, or engineered as a retaining wall

	CODE VIOLATION	ORSC	OSSC	NOTES
5	Foundation low point drain (site drain) not provided	R405.1 R408.6	1804.7 1805.1.2	
6	Under floor ventilation area is insufficient	R408.1	1203.3	
7	Hold-downs and rebar for ABW's or portal frame not tied in place	R404.1.3.3.7.4	2308.6.5	ORSC: <i>Per Mfr. Installation inst.</i>

CONCRETE SLAB/UNDERFLOOR

Post, beam, and joist requirements

1	Mudsills and plates not pressure-treated or naturally decay resistant as required	R317.1 no.2	2304.11.2.4	Mudsills and plates in direct contact with concrete shall be pressure-treated
2	Wood joists less than 18 in. and wood girders less than 12 in. above exposed earth shall be pressure treated	R317.1 no.1	2304.11.2.1	
3	Wood girders not pressure-treated as required	R317.1 no.4	2304.11.2.5	Ends of wood girders in concrete shall have ½ in. air space on top, sides, and ends or be pressure treated
4	Wood supports not pressure-treated as required	R317.1.4	2304.11.4	Wood supports in direct contact with earth shall be pressure- treated
5	Foundation plates or sills, anchor bolts, absent or insufficient. Minimum of 2 bolts each plate section	R403.1.6	2308.3	Minimum of 4 in. from each end and maximum of 12 in. from ends
6	Low point drains absent or insufficient	R405.1 R408.6	1804.7 1805.1.2	
7	Joists under bearing partitions do not meet minimum specifications	R502.4	2308.4.5	Joists parallel to the bearing partitions shall be doubled. Joists perpendicular to bearing partitions shall not be offset from supporting girders, walls or partitions more than the joist depth.
8	Floor joists do not have sufficient bearing on support wall	R502.6	2308.4.2.2	Floor joists shall have a bearing of not less than 1-1/2 in. on wood or metal and 3 in. on masonry
9	Holes bored in joists exceed allowable size and/or location	R502.8	2308.4.2.4	Holes bored in joists shall not be within 2 in. of the top or bottom of the joist and the diameter shall not exceed 1/3 the depth of the joist
10	Post & Beam connection not adequately fastened	R502.9	2304.10.2	
11	Ground cover does not meet minimum specifications	N1104.9.2 R408.1	1203.3	Class I vapor retarder shall turn up 12 in. foundation wall and lap 12 in. at joints

FRAMING**Shear walls**

1	Sheathing fasteners overdriven Nail sizes or pattern not per prescriptive or engineering details	Tbls. R602.3(1) R602.3(3) R106.4	1604.2 2308.1.1 2304.9
2	Hold-downs or straps for ABW or Portal Frame are not correct size or per design	R602.10.6 R106.4	2308.6.5
3	Braced walls either not per plan or as engineered	R602.10 R106.4	2308.6
4	Nails used to attach siding shall be corrosion-resistant or aluminum, stainless steel or zinc-coated	R703.3.2	1405.17

Floor and roof framing

1	Trusses installed are not according to approved plans Lateral bracing not as detailed on truss design	R502.11 R802.10 R106.4	2303.4.3
2	Lateral restraint at supports absent or insufficient	R502.7 R802.10.3	2308.4.2.3 Floor joists shall have a 2-in. thick solid blocking the full depth of joist at each support, except where ends of joists are nailed to a header, band or rim joist
3	Ridge board does not meet minimum specifications	R802.3	2308.7.3 Ridge board thickness shall not be less than 1 in. nominal and not less in depth than the cut end of rafters required
4	Ceiling joist and rafter connections do not meet minimum specifications	R802.3.1	2308.7.3.1 Rafters shall be nailed to adjacent ceiling joists to form a continuous tie. When not parallel, rafters shall be tied to 1 in. by 4 in. minimum crossties. Rafter ties shall be spaced not more than 4 ft. on center.
5	Rafters and ceiling joists do not have sufficient lateral support	R802.8	2308.7.8 Rafters, ceiling joists, and trusses shall be supported laterally to prevent rotation with full-depth blocking at ends and at points of bearing
6	Design, bracing, and alterations of manufactured trusses shall require consultation with design professional	R802.10.1 R802.10.4	2303.4.3 2303.4.5 Plans and specifications for manufactured trusses prepared by an architect or engineer and submitted to jurisdiction prior to fabrication. Such trusses shall not be altered or modified without approval of the engineer.
7	Uplift resisting connection missing in area where wind uplift is greater than 200 pounds	R802.11.1	2303.4.4 Tbl. 2308.7.5 Trusses shall be connected to wall plates with approved connectors
8	Attic ventilation is absent or insufficient	R806.2	1203.2
9	Roof flashing does not meet minimum specifications	R905.2.8	1503.2 1507.1 R905.2.8 – asphalt shingles. See other subsections for other roofing materials.
10	Decks, awnings and stairways shall be installed with nails not subject to withdrawal	R311.5.1	N/A

Walls				
1	Double top plate end joints offset requirements	R602.3.2	2308.5.3.2	OSSC – at least 48 in. ORSC – at least 24 in.
2	Diameter of bored holes exceed maximum allowable	R602.6	2308.5.10	
3	Top plates notched greater than 50 percent of width, required metal tie absent or insufficient	R602.6.1	2308.5.8	
4	Weather resistive barrier on exterior walls absent or insufficient. Means of drainage not met.	R703.1.1 R703.2	1403.2 1405.4	Minimum 1/8 in. space or use of ASTM E2273 drainage material required
Access				
1	Access opening to under-floor crawl space and/or attic area absent or insufficient	R408.4 R807.1	1209.1 1209.2 1209.3	Provide 18 in. by 24 in. access opening to under-floor crawl space. Provide 22 in. by 30 in. readily accessible opening to attic in an area with 30 in. of headroom.
Windows				
1	Light & ventilation is insufficient	R303.1	1203.4 1205.2 1205.3	
2	Mechanical ventilation missing from toilet room and bathing or spa facility	R303.3 M1507.4	1203.4.2.1	
3	Safety glass is not provided as proposed/built.	R308.4	2406.4	Safety glass required if: - within 18 in. of the floor and is larger than 9 ft ² and higher than 36 in. and within 36 in. of a walking surface; - within 24 in. of a door; - in a door; - within a tub or shower enclosure unless the bottom edge is at least 60 in. above the standing surface; or See section for additional locations.
4	Egress window/door does not meet minimum specifications	R310.2	1029	Minimum specifications: net clear opening of 5.7 ft ² (or 5 ft ² for grade floor and below grade window), height of 24 in.; width of 20 in.; and maximum sill height of 44 in. above the finished floor, measured to the bottom of the clear opening
Stairways				
1	Stairways do not meet required rise and run specification and/or minimum headroom requirements	R311.7.2 (Headroom) R311.7.5 (Riser/Run)	1009.5 (Headroom) 1009.7	ORSC: rise = 4 in. min. – 8 in. max.; run = 9 in. min.; and headroom = 80 in. min OSSC: rise = 4 in. min. -7 in. max.; run = 11 in. min.; and headroom = 80 in. min.

2	Winder treads do not meet minimum tread depth requirements.	R311.7.5.2.1	1009.6 1009.7.2	Min. tread depth of 6 in. at narrowest end and min. tread depth of 9 in. (residential) or 11 in. (commercial) from the walkline and not permitted for means of egress
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Fire Protection

1	Garage ducting does not meet minimum specifications	R302.5.2	406.3.4 no.2	Ducts penetrating garage separation wall shall be 26-gauge galvanized steel or other approved material
2	Smoke detectors are not located per code	R314.3	907.2.11	See applicable occupancies in OSSC
3	Fire Blocking does not meet required spacing	R302.11	718.2	Fire Blocking required at intervals not exceeding 10 ft. horizontal and at floor and ceiling levels vertical

Bathrooms

1	Water closet, bathtub, and/or shower clearance insufficient. Shower or tub clearance insufficient.	R307.1 Fig. R307.1	1210.4	Clearance = min. 21 in. Clearance = min. 24 in. (commercial – see Chapter 11)
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Fireplaces

1	Fireplace/chimney clearance insufficient	Tbl. R1001.1 R1001.11	2111.11	Clearance = min. 2 ft
2	Masonry fireplaces/chimney require anchorage at floor and ceiling levels	R1001.4.1 Tbl. R1001.1	2111.4	Seismic design categories D ₁ or D ₂ (ORSC) Seismic design categories C or D (OSSC)
3	Masonry fireplaces/chimney requires seismic reinforcing	R1001.3	2111.3	Seismic design categories D ₁ or D ₂ (ORSC) Seismic design categories C or D (OSSC)
4	Carbon monoxide alarms are required on each story containing bedrooms installed within each bedroom or outside within 15 ft.	R315.3	908.7	

INSULATION AND ENERGY**Insulation requirements**

1	Foamed plastic insulation not provided with a thermal barrier	R316.4	2603.4	
2	Insulation materials do not meet minimum flame-spread specifications	R302.10 Installation Instructions R316.3	720.2	Exposed wall and ceiling insulation and vapor barrier shall have a Flame Spread rating of 25 or less and a Smoke Development rating of 450 or less and be installed with adequate clearances.
3	Installed insulation does not meet energy compliance method on approved plans	N1101.4	OEESC 502.1	
4	Window thermal performance label (U-factor) missing	Tbl. N1101.1(1)	OEESC 303.1.3	Verify that the U-values on the window meet the energy path

5	Baffles as installed do not meet minimum requirements at eaves	N1104.2.5	1203.2	
6	I.C.-rated fixtures required in this location	N1104.2.8	OEESC 502.4.7	
7	Sealing around window and doors and penetrations is absent or insufficient	N1104.8.2	OEESC 502.4.3	
8	Insulation of ducts located outside building envelope is insufficient	Tbl. N1104.1(1) M1601.3	OEESC 503.2.7	Insulation of ducts located outside building envelope is insufficient
9	Additional energy measures as required and selected are not included or installed correctly	N1101.1 Tbl. N1101.1(2)	N/A	

FINAL**General**

1	Address not visible from street	R319.1	501.2	OSSC: (4 in. min. height, ½ in. min. width)
2	Final grade does not slope away from foundation	R401.3	1804.3	
3	Flashing absent or insufficient	R703.4	1403.2 1405.4	Provide flashing above openings without eaves and at tops of veneer

Garage

1	Garage / Dwelling separation is absent or insufficient	R302.6 Tbl. R302.6	406.3.4	
2	Openings from a private garage into a sleeping room are prohibited	R302.5.1	406.4.8	Unless equipped with approved automatic fire sprinkler system
3	Gypsum board does not meet minimum separation requirements	R302.6 Tbl. R302.6	406.3.4 no.1	5/8 in. Type X gypsum required on garage ceiling below habitable space
4	All appliances located in garage shall be protected from impact	Fig. M1307.3.1 M1307.3.1		

Bath

1	Shower areas shall have a hard, non-absorbent surface wall to height of not less than 6 ft. above the floor	R307.2	1210.2.3	
2	Water closet minimum clear area is insufficient	Fig. R307.1	1210.4	
3	Shower doors and bathtub doors shall have tempered laminated safety glass or approved plastic glazing	R308.1 to R308.4	2406.4.5	

Bedrooms & Basements

1	Egress window does not meet minimum specifications	R310.2	1029	Minimum specifications: net clear opening of 5.7 ft ² (or 5 ft ² for grade floor window), height of 22 in.; width of 20 in.; and max. sill height of 44 in. above the floor
2	Interconnected smoke detectors in rooms and in ceiling near stairway required	R314.4	907.2	

3	Interconnected carbon monoxide alarms in each bedroom or outside within 15 ft. of each bedroom door and each story with bedrooms	R315.5	908.7.2
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Safety Glass

1	Glass does not meet safety glass requirements	R308.4	2406.4	Safety glass required: 1) stairway, ramp, or landing unless the bottom edge is at least 60 in. above the bottom surface and 60 in. at the bottom tread 6) Or any of the other provisions found in Section R308
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Stairways & Decks or Balconies

1	Under stair protection absent or insufficient	R302.7	1009.9.3 1009.9.4	Enclose accessible space under stairs with gypsum board 1-hour rated for commercial
2	Stairway does not meet minimum specification	R311.7	1009 1012	Residential handrails required not less than 30 in. or more than 38 in. above nosing of stair tread. Required to be gripable. Headroom minimum of 6-ft, 8 in.
3	Guardrails do not meet minimum specifications	R312	1013	Minimum residential specifications: Porches, balconies, or raised floor = 36 in. high with intermediate rails that a 4-in. sphere cannot pass through Open stairs = 34 in. high with intermediate rails that a 5-in. sphere cannot pass through (42 in. high for commercial)

Crawl Space

1	Attic/floor insulation absent or insufficient	Tbl. N1101.1(1)	OEESC 502.2
2	Seal between walls and foundation, or at utility penetrations is absent or insufficient	N1104.8.2	OEESC 502.4
3	Ground cover does not meet minimum specifications	N1104.9.2 R408	1203.3.2 Class I vapor retarder shall turn up 12 in. foundation wall (ORSC only) OSSC: Except no.2 if using 1/1500
4	Duct and/or water pipe insulation is absent or insufficient	N1105.2 N1106.1 N1106.2	OEESC 503.2.7 503.2.8 504.5

	CODE VIOLATION	OESC	NOTES
	Electrical *- denotes a reference to OAR 918-305 Table 1-E (Oregon amendments to the 2017 NFPA 70, NEC)		
	Rough-In		
1	Oxidation inhibitor compound not installed on Aluminum Conductors in Services and Panel boards	110.3(B)	
2	Inadequate terminations or splices	110.14(A)	
3	Adequate working clearances not provided around services and panel boards	110.26(A)(1)-(3)	
4	Circuits not adequate for receptacle serving the dishwasher and/or garbage disposal	210.23(A)(1), (2)	
5	Receptacle outlet box spacing not arranged to meet requirements	210.52(A)(1), (2), (3), (4)	
6	Insufficient receptacle outlets in kitchen and countertops	210.52(B)(3) & (C)(1), (2), (3), (4), (5) Fig.210.52(C)(1)	
6a	Alcoves with area not less than 2 ft. x 3 ft. require at least one receptacle	210.52(I)*	OESC Amendment (Alcoves)
7	Separate circuit not provided for receptacle serving the laundry receptacle outlet(s)	210.52(F)	
8	Lighting not provided in storage/equipment spaces	210.70(A)(3)	
9	Sign circuit and show window lighting provision inadequate	220.14(F)(G) 600.5	
10	Service entrance conductors and/or feeders need to be sized large enough for demand loads of system	220.40	
11	Aerial Service conductors and/or feeders do not have correct clearance above grade or driveways	230.24(B)	
12	Sub-panels located in clothes closets are prohibited	240.24(D)	
13	Separately derived system improperly grounded	250.30	
14	No disconnect or grounding electrode at separate building	250.32(B) (D)	
15	Metallic gas lines and water lines not bonded	250.104(B)	Statewide Code Interpretation 08-04
16	Metal well casing not grounded	250.112(M)	
17	Neutral sub-panel not isolated	250.142(B)	
18	Ground wires in boxes not made up with wire nut, crimps, or clips	250.148(B)	
19	All conductors of a circuit not routed together	300.3	

	CODE VIOLATION	OESC	NOTES
20	NM cable installed in bored holes closer than 1-1/4 in. to edge of framing member does not have 1/16 in. nail guards installed	300.4(A)(1) & (2)	
21	Minimum cover and burial depth inadequate	Tbl. 300.5	
22	Box(s) not securely mounted	300.11(A)	
23	A minimum of 6 in. of free conductors not provided at box for device make-up	300.14	
24	Box(s) required at all outlets and splices	300.15	
25	Fire rated walls in duplexes not protected at electrical openings around boxes	300.21	
26	Box(s) not sized large enough for number of conductors	314.16	
27	NM cable sheathing cover does not extend into box at least 1/4"	314.17(C)	
28	Box(s) not flush with combustible surfaces	314.20	
29	Incorrect outlet boxes used to support ceiling fans	314.27(C)	
30	NM cable above ceiling not protected from damage	334.15*	OESC amendment
31	NM cable not secured and protected within 6 ft. of attic access	334.23	
32	NM cable not secured at correct intervals or above service panel	334.30	
33	Lighting fixture boxes in closets do not meet minimum clearances to shelving.	410.16 Fig. 410.2	
34	Unused openings in boxes, panel boards, and services not plugged	408.7 314.17	
35	No bonding and GFCI protection for hydromassage bathtubs	680 Section VII	Bonding and GFCI protection
36	Communication outlet not provided in dwellings	800.156	
37	Primary protector for communication circuits not bonded	800.100	
Final			
1	Available fault current exceeds equipment rating	110.9	
2	Service and panel boards ft. internal parts damaged or contaminated during the construction process of the house	110.12 (B)	
3	Cover-plates on plugs and switches missing	110.27 406.6 404.9(A)	

	CODE VIOLATION	OESC	NOTES
4	Grounded conductor (neutral) not identified at terminals	200.6	
5	GFCI receptacles not installed or functioning	210.8	
6	Receptacles with incorrect polarity	200.11	
7	Arc-fault circuit interrupters not provided for circuits supplying outlets required to be protected	210.12	
8	Over-current devices not rated for the conductor ampacity	240.4	
9	Receptacles have open ground	250.138	
10	Lock-nuts loose or missing	300.10	
11	Services, panel boards, and equipment not securely fastened	300.11	
12	No dimmer controlled receptacles	404.14(E)	
13	Receptacles in wet or damp locations not WR rated	406.9(B)	
14	Circuits not labeled and identified in services and panel boards	408.4(A)	
15	Back-fed devices not secured	408.36(D)	
16	Panel board (sub-panel) grounded conductor (neutral) not isolated	408.40	
17	Terminal can only have one conductor at neutral bars and circuit breakers	110.3 408.41	
18	Florescent lighting fixtures not grounded	410.40	
19	Branch circuit(s) do not meet minimum rating specifications	422.10(A) 422.13	
20	GFCI protection required for cables installed in heated floors	424.44(G) 424.44, *	OESC amendment
21	New GFCI devices not tested	OAR	OAR 918-271-0040

	CODE VIOLATION	ORSC	OMSC	NOTES
MECHANICAL				
Underfloor				
1	Duct insulation absent or insufficient	Tbl. N1101.1(1) N1105.2 M1601.3	604	
2	Dryer exhaust vent pipe exceeds allowable length	M1502.4.4	504.6.4 504.7	
3	Duct support strapping is absent or insufficient	M1502.4.2 M1601.4.4	603.10	
4	Clearance from earth to metal ducts or plenum insufficient	M1601.4.8	603.14	
Framing				
1	Access to appliances in attic/crawl space does not meet minimum specifications	M1305.1.3 M1305.1.4	306.3 306.4	Must allow for removal of largest appliance with minimum 30 in. x 22 in. access door, unobstructed passageway max. 20 ft., and a permanent electrical outlet and lighting fixture controlled by a switch
2	Exhaust fan ducts do not run to exterior	M1501.1 M1507.2	501.3	
3	Ducts support absent or insufficient or not per manufacture install instructions	M1502.4.2 M1601.4.4	603.10	
4	Combustion air obtained from the attic does not meet minimum specifications	G2408	C304.5 C304.6 C304.7	Combustion air opening into attic requires a metal sleeve to extend above ceiling joist and insulation
5	Gas line not completely installed or air pressure test not on	G2418.4	C406.1	
6	Chimney/vent connector clearances to combustibles do not meet minimum requirements	G2426.15.4 M1803.3.4 Tbl. M1803.3.4	Tbl. C503.10.5 801.18.4	Type B gas vents do not have a min. 1 in. clearance from wood, Romex wire, or combustibles. Oil or solid fuel vents do not have adequate clearance
7	Insulation shield absent or insufficient	G2427.4	C502.4 802.8	Specs: 26 gage insulation sleeves not less than 2 in. above the insulation shall be provided to keep thermal insulation away from metal chimney or gas vents
Final				
1	Clearances to combustibles are not met at following locations	M1306.1	304.9	
2	Water heater straps for seismic zones D ₁ & D ₂ is absent or insufficient	M1307.2	301.14	
3	Appliance not installed to listing and/or labeling missing	M1307.1	304.1 301.4 301.6	
4	All appliances in garage need to be protected from impact	Fig. M1307.3.1 M1307.3.1	304.6 304.7 Fig. 304.1	

	CODE VIOLATION	ORSC	OMSC	NOTES
5	Bathroom exhaust fans not functioning or providing proper CFM	M1507.1 M1507.4	403.3 Tbl. 403.3	
Gas Appliances				
1	Combustion air not provided	G2408	C304.1	
2	Protection post not provided in garage	G2409.3 Exc.	C303.4 Fig. C303.1	
3	Equipment not installed to manufacturer's installation instructions	G2409.1	C305.1	
4	Appliance location in garage does not meet minimum specifications	G2409.2.1	C305.3 C305.4 C305.5	Specs: Clearances = min. 6 ft. for residential and 2 ft. higher than the tallest vehicle. Elevation to ignition source must be a min. of 18 in.
5	Equipment not meeting clearances to combustibles	G2409.5	C305.8	
6	Working clearance at service side of appliances absent or insufficient	M1305.1	C306.1 C306.2 C306.3 C306.4	Min. = 30 in. x 30 in.
7	Access to appliances in attic/crawl space does not meet minimum specifications	M1305.1.3 M1305.1.4	C306.2 C306.3 C306.4	Accessibility openings into attics or under floor where appliances are located need to be large enough to remove the appliance but a minimum of 22 in. by 30 in.
8	Lighting with a switch not provided within the passageway opening	M1305.1.3.1 M1305.1.4.3	C306.3.1 C306.4.1	
9	Outlet not provided at or near the appliance location	M1305.1.3.1 M1305.1.4.3	C306.3.1 C306.4.1	
10	Regulators not installed to manufactures installation instructions	G2422	C305.1 C410.1	
11	Equipment not provided with a shut off valve with in 6 ft.	G2421.5.1	C409.5	
12	Flex connectors exceed maximum allowable length	G2423.1.2	C411 C411.1.3.1	Flex connectors shall not be over 6 ft. for ranges and domestic clothes dryer and over 3 ft. for other equipment.
13	Draft hood is not installed correctly	G2428.10.3	C503.12	
14	Vent type is incorrect for the listing of the appliance	Tbl. G2428.4	C502.1 Tbl. C503.4	
15	Vent size does not meet minimum size requirements	G2429.2.2	C504.2.2	
16	Vent termination does not meet minimum height	G2428.6.4	Fig. C503.6.4 C503.6.4	
17	Vent clearances not meeting listing	G2428.7.8	Tbl. C503.10.5	
18	Rooms with bathing or spa facilities shall be provided with mechanical ventilation controlled by de-humidistat or similar control	M1507.5	Tbl. 403.3 Footnote i	
Commercial Hoods & Ducts				
1	Duct joint seals absent or insufficient	N/A	506.3.2	

	CODE VIOLATION	ORSC	OMSC	NOTES
2	Duct exhaust does not meet the air velocity of 500 ft. per minute	N/A	506.3.4	
2a	Hood does not meet minimum CFM per linear foot of hood based on type	N/A	507.13	
3	Grease duct does not meet minimum clearances	N/A	506.3.6	Min. of 18 in. from combustibles and 3 in. from noncombustible
4	Duct slope is not adequate	N/A	506.3.7	
5	Cleanouts absent or insufficient	N/A	506.3.8	
6	Duct support, enclosure/shaft insufficient or not per listing	N/A	506.3.11	
7	Exhaust termination location not at an approved area	N/A	506.3.13 506.4.2	
8	Type and listing absent or insufficient on what is supposed to be listed per application	N/A	507.1	
9	Grease filters not provided as per listing	N/A	507.11	
10	Cook top and canopy distances must not exceed 4 ft.	N/A	507.12	
11	Makeup-air needs to be provided when the hood is in operation	N/A	508.1	
12	Extinguishing system absent or insufficient	N/A	509.1	
13	Trip test & gas and makeup air shutdown not acceptance tested and verified	N/A	509.5	
Smoke/Fire Dampers				
1	Direction of smoke/fire dampers installed incorrectly	N/A	607.2	
2	Smoke/fire dampers not Classified to meet UL 555 for penetration rating	N/A	607.3	
3	Fusible link does not meet the required operating temperature for the location	N/A	607.3.3.1	
4	Not accessible to motor and louvers	N/A	607.4	
5	Letters on access doors need to be a minimum of 0.5 in. high	N/A	607.4	

CODE VIOLATION	ORSC	OPSC	NOTES
Plumbing			
Underslab			
1	Test failed-leaks	609.4 712.0	
2	Voids around piping not sealed appropriately	312.2	Seal around pipe thru concrete
3	Improper depth of water piping exiting building through foundation wall	609.1	
4	No test on waterlines	609.4	
5	Improper configuration and size of DWV piping and fittings	706, 703, 704 Tbl. 701.1, 703.2	
6	Cleanouts absent or insufficient	707.0, 707.4	
7	Grade of horizontal drainage piping does not meet minimum specifications	708.0	
8	System (or portion thereof) below upstream manhole without a backwater valve	710.6	
9	No test on DWV system	712.0	
10	Required primer lines on floor drains	1007.1	
11	Water pipe sizing	610.0	
12	Sewage ejector sizing	710.3	
13	Approved materials, DWV, water piping	604.0 Tbl. 604.1 701.2 Tbl. 701.2	
14	Vent connections	901.1, 905.2, 905.3, 905.5	
15	Vent size	904.0	
16	Trap arm length	1002.2	
17	Trap arm change of direction	1002.3	
18	Vent opening	1002.4	
Underfloor			
1	Test failed-leaks	609.4, 712.1	
2	Freeze protection for waterline below insulation not provided	312.6	
3	Nail plate protection not provided	312.9	
4	Support for DWV and/or waterlines system absent or insufficient	313 Tbl. 313.3	
5	Water pipe materials	604 Tbl. 604.1	
6	Improper depth of water line exiting building through foundation wall	609.1	
7	Undersized water piping	610.0 Tbbs. 610.3 &	

CODE VIOLATION	ORSC	OPSC	NOTES
		610.4	
8 Undersized DWV piping		703 Tbl. 702.1, 703.2	
9 Drainage change of direction		706.0, 706.1	
10 Required cleanouts and clearances absent or insufficient		707.4 - 707.14	
11 Grade on DWV system does not meet minimum specifications		708.0	
12 System (or portion thereof) below upstream manhole without a backwater valve		710.1	
13 Sewage ejector requirements		710.2	
14 Under floor piping covered prior to inspection			OAR 918-785-0200
15 Vent requirements		901.2	Each fixture need to be individually vented
16 Size of vents		904.1	
17 Vent connections		905.0	Vent connection below weir of trap
18 Vertical wet vent		908.1	Does not meet sizing criteria. Fixtures over the maximum units
19 Horizontal wet vent		908.2	Does not meet sizing criteria. Fixtures connected outside of bathroom group
Rough In/ Top Out			
1 Test failed -leaks		712.0	
2 Freeze protection for pipes in unconditioned spaces is absent or insufficient		312.6	Insulate all pipes in unconditioned spaces
3 Nail plate protection not provided		312.9	
4 Structural member weakened or impaired by notching or boring		312.11	Repair as per structural code fix for over bored/over notched wood
5 Hangers and supports do not meet minimum specifications		313.0 Tbl. 313.3	
6 Improper spacing and clearances of fixtures	R307.1	402.5	
7 Required pressure/temperature-balancing valves on fixtures not provided		408.3 409.4, 4010.3	
8 Main shut off valves not provided		606.2	
9 Improper depth of water line exiting building through foundation wall		609.1	
10 No test on waterlines		609.4	50 psi or working water pressure
11 Undersized water and DWV system		610.0, 703.0 Tbl. 610.3, 610.4, 702.1, 703.2	
12 Vent piping exceeds maximum allowable horizontal length		Tbl. 703.2 Footnote 6	
13 Drainage change of direction		706.1	
14 Improper cleanout location, installation or clearances		707.0	
15 Required cleanouts and clearances not provided		707.9	

	CODE VIOLATION	ORSC	OPSC	NOTES
16	Grade on drainage system does not meet minimum specifications		708.0	Minimum ¼ inch
17	System (or portion thereof) below upstream manhole without a backwater valve		710.0	
18	No test on DWV system		712.0	Minimum 5 psi or filled with water to highest vent
19	Sewage ejector installation requirements		710.2	
20	Macerating toilet systems		710.13	
21	Undersized and number of cross sectional area of vent (s)		904.1	
22	Venting for island sinks and similar equipment does not meet minimum specifications		909.0	
23	Horizontal wet venting exceeds limitations		908.2	
24	Air admittance valves (AAV) installation requirements			Statewide Alternate Method 07-01
25	Approved DWV materials		Tbl. 701.2 Chapter 17	
Water Service				
1	Test failed-leaks		609.4	
2	Drainage and related underground piping covered prior to inspection		105.2.1.2	
3	Lack of listed primer when required		605.12.2 605.3.1	
4	Inappropriate use of plastic piping given electrical grounding system		604.10	If water service was used for electrical grounding, plastic piping may not be used unless another grounding system is installed and inspected
5	Water pressure reducing valve not provided		608.2	Pressure exceeds 80 psi
6	Water service depth below frost		609.1	
7	No test on water system		609.4	
8	18 gauge copper blue tracer wire on waterline not provided		604.10.1 (Exception)	The exception is for metallic piping
9	Waterline not correctly sized for building		610.1	
10	Full-way valve required		606.2	This valve installed any place downstream of the source and isolating the structure
Backflow				
1	Required backflow device		603.1	
2	Connection to potable waterline covered prior to inspection		105.2.1.1	
3	Backflow device does not meet minimum required clearances		Tbl. 603.2 603.4.3	
4	Test results for backflow prevention assembly not provided		603.4.2	
5	Required freeze protection for backflow prevention device absent or insufficient		312.6	
Rain Drains				

	CODE VIOLATION	ORSC	OPSC	NOTES
1	Expansion joints for roof drain connections		1101.5.1	
2	Unsupported lines. (case by case)		313.0 Tbl. 313.2	
3	covered prior to inspection		105.2.1	
4	Improper point of disposal		1101.2	
5	Connection to under floor drain or footing drain not provided, sump, backwater valve, ejectors if required.		1101.6	
6	Improper size for roof area and horizontal storm drains.		1103.2 1103.1 Tbl. 1101.8 Tbl.1101.12	
7	Required cleanouts not provided		1101.13	
8	Proper materials		1101.4	
9	Testing		1106.0	
Building sewer				
1	Improper materials		715.0	
2	Improper connectors or adapters for joining dissimilar materials		715.2, 705.0	
3	Undersized line		717.0 Tbl. 717.1	
4	Improper grade or slope		718.0	
	Tracer wire		718.4	
	Sewer water in same trench		720.0	Is sewer materials approved to be in same trench.
	Sewer location		721.0	Is sewer on same lot as served structure?
5	Provide required test		723.0	
6	Lack of required cleanouts		719	
7	Line covered prior to inspection		105.2	
Shower Pan Installation				
1	Shower pan does not meet minimum specifications		408.6	
2	Required slope on sub base does not meet minimum specifications		408.7	
3	Liner not clamped properly with drain body		408.7	Shower drain shall be clamping style and have weep holes
4	Required test not provided		408.7.5	
5	Location of shower valve and heads		408.9	
6	Shower riser secured		408.10	
7	Shower liner material approval		408.7	
Final				
1	Test failed - leaks		609.4 712	

	CODE VIOLATION	ORSC	OPSC	NOTES
2	Sealing of openings in walls		312.12.2	Hose bibbs, trap arm through wall, tub openings
3	Hose bibbs not secured		402.3	
4	Fixture not listed to approved standard		301.2	
5	Fixtures not sealed at joint with wall/ floor		402.3	
6	Flashing not installed on vents		906.5	
7	Access to pump motor for jetted tub not provided		409.6	
8	Temperature exceeds 120 deg. at tub/showers/bidets		410.3	
			409.4	
			408.3	
9	Required elevations and protective barriers on water heater located in garage are absent or insufficient		507.6 507.6.1	
10	Water heater not strapped		507.2	
11	Water heater not properly sized		Tbl. 501.1	
12	Hot and cold water pipes are crossed at		417.5	
13	Backflow devices not provided		602.1 Tbl. 603.2	Heating units, irrigation systems, handheld sprayers, hose bibbs
14	Test results not provided for all backflow prevention assemblies		603.4.2	
15	Required shut-off valves not provided		606.1 606.5	Appliances and slip joint fixture water connections, parallel water systems
16	Water softener sizing		611.0	
17	Required expansion devices absent or insufficient		608.3	
18	Temperature/pressure relief valves improperly routed or terminated		608.5	
19	Water heater pan installed		507.4	
20	Dishwasher drain connection		414.3	
			807.3	
21	Trap arm change of direction		1002.3	Proper fitting per 706.3, C/O required?
22	Primer valves absent or insufficient		1007.1	For emergency floor drains
23	AAVs not properly installed		SAM	Statewide Alternate Method 07-01 Sized, minimum 4 in. above drain, per manufactures installation instructions

CODE VIOLATION	CITATION	NOTES
COVERED MULTI-FAMILY HOUSING		
Dwelling Unit Rooms		
1 Door smoke seal absent or insufficient	OSSC 710.5	
2 Smoke detectors absent or insufficient	OSSC 907.2.11.2, 907.5.2 ANSI 702.1	
3 Installed door hardware does not meet minimum specifications	OSSC 1008.1.9	Min. 34 in. and a max. of 48 in. above the floor
4 Egress window does not meet minimum specifications	OSSC 1029 ANSI 1002.13	Minimum specifications: net clear opening of 5.7ft ² (or 5ft ² for grade floor window), height of 22"; width of 20"; and maximum sill height of 44 in. above the floor
5 Exhaust fan in bathrooms containing bathing fixtures absent or insufficient	OSSC 1203.4.2.1	
6 Baseboard in bathroom does not meet minimum specifications.	OSSC 1210.2.1	Min. of 4 in. in height
7 Bathroom wall finish does not meet minimum specifications	OSSC 1210.2.2	Specs: Walls within 2 ft. of urinals and water closets shall have a smooth nonabsorbent surface to a height of 4'
8 Safety glass required in shower/tub area	OSSC 2406.4.5	
9 Heaters- Manufacturers installation instructions needed	OMSC 304.1	
10 Exhaust fan fusible links in dampers	OMSC 607.3	
Accessible Unit		
1 Toilet and bathing fixtures do not meet accessibility requirements	ANSI 603, 604, 1003.11	Toilet height, clearances, grab bars
2 Mirror height does not meet accessibility requirements	ANSI 603.3, 1003.11.6	
3 Operating controls do not meet accessibility requirements	ANSI 308	Specs: Min. of 15 in. and max of 48 in. of the floor
4 Toilet and bathing facilities do not meet minimum accessibility clearances	ANSI 603.2, 604.3, 1003.11	
5 Bathing fixtures do not meet accessibility requirements	ANSI 603.2, 604.3, 1003.11	Shower/tub bench & grab bars
6 Fire alarms do not comply with accessibility requirements	OSSC 907.5.2.3.3	Visual alarms shall be provided within common and public use areas of group R, division 1 apartment buildings

	CODE VIOLATION	CITATION	NOTES
ADA REQUIREMENTS			
General			
1	Site accessibility does not meet min. requirements	OSSC 1104.2	At least one accessible route shall be provided
2	Sidewalks do not meet the requirements for accessibility	OSSC 1104 ANSI 403	
3	Accessible route does not meet min. specifications	OSSC 1104 ANSI 402.2	
4	Door hardware does not comply with accessibility requirements	OSSC 1109.12 ANSI 404.2.6	Door hardware shall not require tight grasping, tight pinching or twisting of the wrist to operate
5	Water fountains do not meet accessibility requirements	OSSC 1109.5 ANSI 602	
6	Room signage does not meet accessibility requirements	OSSC 1110 ANSI 703	
7	Cluster mail box access does not meet requirements for accessible route	OSSC 1111.1	
Handicap Spaces			
1	Striping does not meet accessible parking requirements	OSSC 1106.7 OSSC Fig. 2 & 3	
2	Slope exceeds maximum accessible parking specifications	OSSC 1106.7 ANSI 502.5	Slope shall not exceed 1 unit vertical to 48 units horizontal
3	Parking facilities do not include required number of handicap spaces	ORS 447.233(2a) OSSC Tbl. 1106.1	
4	Size of accessible parking does not meet the minimum specifications	ORS 447.233 (2b), (2c) OSSC 1106.7 Fig. 2 to 6 & 10	Min. of 9 ft. wide, total width of 17 ft. including access aisles @ van parking
5	Signs do not meet accessibility requirements	ORS 447.233(2e) OSSC Fig. 1,2,3,4,7,8,9	
6	Ramps shall not extend into parking space	ORS 447.233(3) OSSC Fig. 2 & 3	
Toilet Rooms			
1	Partitions do not meet accessibility requirements	OSSC 1109.2 ANSI 603.2, 604.3, 604.8, 604.9	
2	Toilets do not meet accessibility requirements	OSSC 1109.2 ANSI 604.2, 604.4	
3	Grab bars do not meet accessibility requirements	OSSC 1109.2 ANSI 604.5, 609	
4	Lavatories do not meet accessibility requirements	OSSC 1109.2 ANSI 606	

	CODE VIOLATION	CITATION	NOTES
5	Appurtenances and mirrors height do not meet accessibility requirements	OSSC 1109.2 ANSI 603.3	