**GENERAL**

ORSC R106.4

Provide City Approved Plans on the job site for inspection. ORSC R106.5, OSSC 107.5

Installations shall be made per City Approved Plan or provide City Approved revisions. ORSC R106.4, OSSC 107.4

Install as per Manufactures Installation Instructions. R602.10, OSSC104.9

Provide Engineer of Record stamped revision. ORSC 106.5, OSSC 107.5

Provide Engineer of Record report of Structural Observation. ORSC R109.1.5, OSSC 1704.5

Installation shall be as per Manufactures Installation Instructions for XXX. ORSC M1307.1, OSSC 104.9

Provide Manufacturers Installation Instructions for XXX. ORSC R106.1.2, OSSC 107.5, OMSC 304.1

Obtain Mechanical Permit for alterations and new installation. ORSC R105.2

Obtain Plumbing Permit for alterations and new installation. ORSC R105.2

Obtain Electrical Permit for alterations and new installation. ORSC R105.2, OAR 918-309-0000

Obtain Building Permit for alterations and new installation. ORSC R105.2

Obtain Final Erosion Control approval. ORSC R109.1.5 & R109.1.6

Obtain Final Electrical approval. ORSC R109.1.5 & R109.1.6

Obtain Final Plumbing approval. ORSC R109.1.5 & R109.1.6

Obtain Final Mechanical approval. ORSC R109.1.5 & R109.1.6

Obtain Final Sprinkler System approval. ORSC R109.1.5 & R109.1.6

Obtain Radon System Final approval. ORSC AF101.1

Post Job site address. OSSC 105.2 & 105.4, ORSC R319.1 & ORSC 105.4 - Beaverton City Code 9.02.010 thru 9.02.040.

Re-inspection Fee will be assessed if previous corrections are not approved on next inspection: ORSC R108.2; OSSC 109.2; and COB Ordinance 3978 section 301.10

No corrections have been made. See previous inspection report. Call for re-inspection when ready. OSSC 110.1, 110.5, 110.6 and ORSC 109.1, 109.3, 109.4.

Submit revisions to our office for review and approval for XXX. Once approved plans are obtained and installations completed call for an inspection. OSSC 107.4, 110.6 and ORSC R106.4 R109.4

After all of the noted items are completed call for a re-inspection. OSSC 110.3.8 - ORSC 109.1.5

No access to perform inspection. Please access our system and request a re-inspection when access to space can be provided.  OSSC 110.5, ORSC 109.3

City of Beaverton inspectors do not provide ladders

Verification of Deeply Buried Ducts in attic.

## **1. Maximum house working pressure of the system.  80 psi.  OPSC 608.2 2. Provide thread sealant, and tighten all cleanouts OPSC 707.3 3. Provide backflow test report for RP Loop.  OPSC 602.3 4. The maximum hot water temperature for tub/showers and showers is 120 degrees.  It is not approvable to use water heater for control.   OPSC 408.3,409.4 5. Primary toilet does not operate as per MII.  OPS**

**MISCELLANEOUS**

Canceled by contractor. No inspection made.

Canceled by owner. No inspection made.

Went over finalization processes with contractor. Left process guide on job site.

Duplicate request.

Incorrect request. No inspection made.

COVID-19, Inspection not performed and has been postponed to a later date by building division staff. Call for a re-inspection when health crisis is over.

No one home, inspection was unable to be made. Please request another inspection and if a timed inspection is needed call 503-720-6341 to schedule a timed inspection. OSSC 110.5, ORSC R109.3

No one home, inspection was unable to be made. Please request another inspection with contact information for timing coordination. OSSC 110.5, ORSC R109.3

Please uncover work at the XXX. Work shall not be done beyond the point indicated in each successive inspection without obtaining approval. Work shall not be covered or concealed until authorized by the building official. OSSC 110.6, ORSC R109.4

No access to perform inspection. Please call for a re-inspection when access to space can be provided. OSSC 110.5, 110.6, ORSC R109.3 & R109.4; City of Beaverton Ordinance 3978.

Provide project approval from City of Beaverton Planning Division. Contact Carmin Ruiz 503-526-2416. OSSC 110.3.8 and OSSC 111.1

Provide approval from the City of Beaverton Cross connection Control Officer. OSSC 110.3.8 and OSSC 111.1

Pay all fees due. OSSC 109.2 & 109.5 - ORSC R105.4, R108.1 & R108.4

A re-inspection fee will be assessed if all corrections are not completed by the next inspection. Call for a Reinspection when all corrections have been completed. OSSC 109.2 & 110.5 &110.6, ORSC R108.2 & R109.3 & R109.4

No corrections have been made. See previous inspection report. A reinspection fee has been charged and will need to be paid before reinspection. OSSC 110.5 & 110.6, ORSC R108.2, R109.3 & R109.4

No corrections have been made.

A re-inspection fee will be assessed if all corrections are not completed by the next inspection. Call for a Reinspection when all corrections have been completed. OSSC 109.2 & 110.5 &110.6, ORSC R108.2 & R109.3 & R109.4

Inspector unable to perform inspection due to minor only on site. Please request inspection when an adult available to provide access to installation. ORSC R109.1.5, OSSC 110.1

**FOOTING/FOUNDATION**

Obtain an erosion control approval. Do not place concrete. ORSC R109.1 & R109.1.5 Call for a Reinspection after erosion control has been approved. ORSC R109.4 & OSSC 110.3.8 & 110.6

Locate Footing per City Approved Site Plan. ORSC R106.2, OSSC 107.4

Please provide registered professional survey with building located as per City approved setbacks after plat has recorded. ORSC R106.2, OSSC 107.4

Provide electronic copy of registered professional surveyor's Hub and Tack report.  ORSC R106.2, OSSC 107.4

Post site Address. ORSC R319.1, OSSC 501.2

Install Rebar per City Approved Plan. ORSC R106.4, OSSC 107.4

Install concrete encased grounding electrode. Min. 12” stub, all splices of the stubbed up rebar must be tightly attached. ORSC R403.1.7, OSSC 1808.8.5.1, OESC 250.52.A3.1

Install Footing 12 inches below Finish Grade/ Frost Depth. ORSC R403.1.5, OSSC 1809.5

Max slope at Footing 1:10 Exceeded. Provide stepped footings at XXXX. ORSC R403.1.6, OSSC 1808.7.2

Dig Footing/Pads to Full Size/Depth as per plan. ORSC R106.4, OSSC 107.4 & 1808.7

Provide under floor ventilation. Min.1sq. ft. per 150sq ft. of under floor area. ORSC R408.1, OSSC 1203.3.2

Install a foundation vent within 3ft of each corner. ORSC R408.1

Complete installing form boards to grade. ORSC R403.1 (ACI 332, Sec 3.3 &6.3.2), OSSC 1901.2 (ACI 318, Sec 6)

Footings shall be placed on Undisturbed Native Soil or Engineered Fill. ORSC R403.1, OSSC 1804

Install Low Point Drain sleeve.  ORSC R408.5, OSSC 1804.7

Provide special Inspection Compaction Report for Over-Excavated area. ORSC R401.2, OSSC 1804.5

Dig footing/load pad down where excavations adjacent exceed an angle of repose 1:1. ORSC R403.1.9.2, OSSC 1804.1 & 1808.7.2

Rebar clearance from bottom of footing/earth shall have a minimum coverage of 3 inches. ORSC R403.1.5.3, OSSC 1901.2 (ACI 318, Sec 7.7)

Dobies installed on all rebar

Rebar Clearance from removable forms where concrete will be exposed to earth and weather- Min. 1.5 inches for #5 and smaller rebar 2 inches for #6 and larger rebar. ORSC R403.1.5.3, OSSC 1901.2 (ACI 318, Sec 7.7)

Remove mud from rebar. ORSC R403.1 (ACI 332, Sec 3.2), OSSC 1901.2 (ACI 318, Sec 7.4.1)

Remove excess water from footing. ORSC R403, (ACI 332, Sec 5.2.4), OSSC 1901.2 (ACI 318, Sec 5.7)

Remove roots from footings. ORSC R403.1 (ACI 332, Sec 5.2.4), OSSC 1801.2, 3304.1, 1804.2

Remove oil from rebar. ORSC R403.1 (ACI 332, Sec 3.2.4), OSSC 1901.2 (ACI 318, Sec 7.4.1)

Secure rebar against displacement during concrete placement. ORSC R403.1.5.3, OSSC 1901.2 (ACI 318, Sec 7.5.1)

Provide adequate equipment for protecting concrete from freezing and/or near-freezing weather. All concrete materials, reinforcing, forms, fillers and ground with which concrete is to come in contact shall be free from ice and/or frost. [ORSC R403.1 & R404.1.2]/ [OSSC 1901.2] [ACI 318 section 5.12]

Contact the City plumbing inspection section to obtain clarification and approval for rain drain installation and location of termination (503-350-4079). OPSC 1101.1

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**UNDER FLOOR/POST & BEAM**

Obtain Plumbing Post and Beam approval prior to structural inspection. ORSC R109.1.2, OSSC 110, OPSC 103.5.1

Tighten anchor bolts. ORSC R602.10.1.2.1 (3) & 106.4, OSSC 104.9 & 2304.9.6

Provide half inch air space around the ends, top and sides, of wood girders/beams entering exterior concrete or masonry walls or install comp shingle or install PT. ORSC R317.1, OSSC 2304.11.2.5

Provide a minimum 12 inches clearance to grade under beams, 18 inches under joist. ORSC R317.1, OSSC 2304.11.2.1

Provide minimum bearing 1.5 inches on wood or metal, 3 inches on masonry at XXX. ORSC R502.6, OSSC 2308.4.2.2

Provide minimum bearing for engineered wood joists (1.75 inch as per listing). ORSC R502.1.4, OSSC 104.9, OSSC 2308.4.3

Install 6mil black vapor barrier ground cover at crawl space. ORSC N1104.9.2, OSSC 1203.3.3.2

Install 6mil vapor Barrier under Slabs of Habitable space. ORSC N1104.9.2, OSSC 1805.2

Install Dampproofing at exterior side of concrete walls that enclose habitable space. Dampproofing shall extend from 6” below floor level to finish grade. See R406.2 for approved methods and materials.

ORSC 406.

Extend threaded rod for hold downs through pony wall top plate. ORSC R104.9 & R109.1.4, OSSC 104.9 & 110.3.8

Anchor bolts Min. half inch diameter, 7 inches embedment, and Max. 6 feet oc. Min. two per plate with bolt no more than 12 inches from end of plate. ORSC R403.1.8, OSSC 2308.3

Install 3 inch x 3 inch x 3/16 inch plate washers at Braced Wall Line as per plans and code. ORSC R602.11, OSSC 2308.3.2

Install a sill sealer under sill plate at foundation. ORSC N1104.8.2

Install Under floor clear access, Min. 18x24 inches. ORSC R408.3, OSSC 1209.1

Replace Solid Sawn joist, rafter or, beam when notch exceeds 1/6 depth, length of notch exceeds 1/3 depth or located in middle 1/3 of span. Notches at ends shall not exceed ¼ depth. ORSC R502.8.1, OSSC 2308.4.2.4

Replace solid sawn joist, rafter or, beam when hole exceeds 1/3 depth and not closer than 2 inches to top or bottom edge. ORSC R502.8, OSSC 2308.4.2.4

Double up cripple wall studs where over notched at bearing. ORSC R602.6, OSSC 2308.5.9

Install double header joists and trimmer joists when header span Exceeds 4 feet. ORSC R502.10, OSSC 2308.4.4

Install Hangers at double header Joists to trimmer joists when headers exceed 6 ft. ORSC R502.10, OSSC 23.8.4.4

Provide City Approved Repair for Drilling and Notching of Engineered wood product. ORSC R502.8.2, OSSC 2308.7.9

Provide Under floor ventilation. Min. 1sq. ft. per 150sq ft. of floor area and 1openings within 3 feet of each corner. ORSC R408.1, OSSC 1203.3 (No reduction can be made where radon mitigation construction is required)

Under floor ventilation requirements shall be maintained with the addition of foundation vent wells, inspected at Final. ORSC R408.1, OSSC 1203.3

Under floor ventilation requirements shall be maintained with the addition of Continuously Operated Mechanical Ventilation, inspected at Final. ORSC R408.1, ORSC R408.3, OSSC 1203.3

Under floor ventilation requirements shall be maintained with the addition of vent baffles. Angled from mudsill to bottom of joist. ORSC R408.1, OSSC 1203.3

Remove Wood Debris from under floor space. ORSC R408.4

Install Gussets at post and beam connections. ORSC R502.9, OSSC 2304.9.7

Install crawl space drainage. ORSC R408.5, OSSC 1804.7

Contact the City plumbing inspection section to obtain clarification and approval for underfloor crawl space drain installation and location of termination (503-350-4079). ORSC R408.5, OPSC 1101.5.2

Seal holes in and around penetrations at foundation vent screen. Max. opening - ¼ inch. ORSC R408.2, OSSC 1203.3.1

**TNHC**

Relocate I-Joist at lower lever to accommodate underfloor insulation. ORSC R106.4, ORSC N1101.1(1)

Nail each side of I-Joist bottom flange as per MII.  R602.10

**SHEAR WALLS**

Nailing, straps or blocking not to prescriptive path and/or approved plans. ORSC R106.4 & R602.10.8, OSSC 107.4 2304.9.6 & 2308.6

Complete installing all straps and hold down anchorage with hardware at shear walls per approved plans and/or prescriptive path requirements. ORSC R106.4 & R602.10, OSSC 107.4 & 2304.9.6

Re-nail Sheathing at Mudsill with approved Fasteners for Pressure Treated wood. Hot Dipped Galvanized, Stainless Steel, or a minimum of ASTM A-653, Type G185 zinc-coated galvanized steel fasteners are ok. ORSC R317.3, OSSC 2304.9.5

Re-nail XXX wall to XXX and XXX on center. ORSC R106.4, OSSC 104.7 & 104.9

Remove ‘shiner’ nails. Re-nail XXX wall to XXX and XXX on center. ORSC R106.4, OSSC 104.7 & 104.9

Nail Sheathing in-line with Straps and Hold down studs. ORSC R602.10.1.2.1 (3), OSSC 2304.9.6

Install 3 inch x 3 inch x 3/16 inch plate washers at Braced Wall Line as per plans and code. ORSC R602.11, OSSC 2308.3.2

Tighten Hold downs. ORSC R602.10.1.2.1 (3) & 106.4, OSSC 104.9 & 2304.9.6

Thread depth at HDs must extend to top of nut as per MII.  ORSC R106.4

Install XXX as per Manufactures Installation Instructions. ORSC R106.4 & R602.10.1.2.1 (3), OSSC 104.7 & 104.9 & 2304.9.4

Provide Special Inspection Report for epoxy and/or any post installed anchor bolting. ORSC R106.7 & R109.1.5, OSSC 104.9 & 110.3.8 & 110.3.9 & 1705.1 & 1705.3 (table 1705.3 item 4).

Install Water Resistant Barrier while maintaining gap for water drainage or listed product with incorporated drainage feature. ORSC R703.1.1, R703.2, OSSC 1404.2

Install as per Manufactures Installation Instructions. ORSC R602.10, OSSC104.9

**LENNAR:**

Install Double 2x studs at panel edges as per Note #5 in Shearwall Schedule.  ORSC R106.4

Install MSTC40s at wing walls as per 7/S2.1. ORSC R106.4

**TNHC:**

Install (2) H2.5As at LSLs and supporting GLB below at front of garage (3) locations.

ORSC R106.4 & R602.10

Nail front of garage shear panels to beam 3”oc grid as per 1,2/S1.6. ORSC R106.4

Townhomes

Install A35s @ S2-2 walls top plate to blocking.  4/S1.4, ORSC R106.4

Install A35s @ S3-2 walls top plate to blocking.  4/S1.4, ORSC R106.4

6" oc

Install double studs at panel edges S4 (and higher) walls as per shearwall schedule. 14/S1.4   ORSC R106.4.

Install FTAO straps to be continuous to outside of shear panel edges. ORSC R106.4

Install intersecting wall framing and nailing as per approved plans. ORSC R106.4

See front door wall at garage.

Install FF-CS16s at sides of garage S6 walls to cantilevered LSLs.  ORSC R106.4

Nail blocking within floor system at S6 side walls where parallel to joists at 24” oc. Nail per 7/S1.1, 6” oc. ORSC R106.4

Install garage front portal (PF-H) tension straps opposite sheathing with minimum capacity of 1825#. ORSC R106.4, ORSC Table 602.10.6.4

See 1/S1.3

(2) CS16 x 60” or (1) MSTC40

Install web stiffeners at I-Joist over shearwall as per 13/S1.4.  ORSC R106.4

Install (2) CS-16 straps at garage front portal (ENG-PF) tension straps opposite sheathing. ORSC R106.4,

See 2/S1.3

(2) CS16 x 60” or (1) MSTC40

Install blocking within floor system at HDs as per MII. ORSC R602.10

Verify and Install A35s @ 12"oc @ S4 wall top plate to truss at stairs. See 5/S1.1, ORSC R106.4

Install blocking 1st truss bay both sides of parallel drag truss @ 24" oc.  See 5/S1.1.  ORSC R106.4

Install DS-CS14 strap at beam and top plate of shearwall at back of garage/stairs. ORSC R106.4

Complete bottom plate nailing as per Shearwall Schedule.  ORSC R106.4

**FRAMING**

Obtain Plumbing and Electrical rough approvals prior to framing inspection. ORSC 109.1, OSSC 110.1

Obtain Electrical rough approval prior to framing inspection. ORSC 109.1, OSSC 110.1

Obtain Plumbing rough approval prior to framing inspection. ORSC 109.1, OSSC 110.1

Obtain Sprinkler rough approval prior to framing inspection. ORSC 109.1, OSSC 110.1

Complete load path blocking thru floor system and framing for roof system to foundation. ORSC R801.2, ORSC R106.4

Complete load path framing for floor system point load to foundation. ORSC R501.2, ORSC R106.4

Re-nail XXX wall as per Fastener Schedule. See Plans or Code. ORSC R106.4 & 602.3, OSSC 107.4 & 2304.9

Re-nail Sheathing at Mudsill with approved Fasteners for Pressure Treated wood. Hot Dipped Galvanized, Stainless Steel, or a minimum of ASTM A-653, Type G185 zinc-coated galvanized steel fasteners are ok. ORSC R317.3, OSSC 2304.9.5

Re-nail XXX with approved Fasteners at Pressure Treated wood connections. Hot Dipped Galvanized, Stainless Steel, or a minimum of ASTM A-653, Type G185 zinc-coated galvanized steel fasteners (nails) are ok. ORSC R317.3, OSSC 2304.9.5

Install Pressure Treated wood or replace with Decay Resistant product. ORSC 317.1, OSSC 2304.11

Replace or Double-up Drilled Studs. Bearing up to 40 percent, Non Bearing up to 60 percent. ORSC 602.6, OSSC 2308.5.10

Install Lower roof vents within the lower (1/3) of the attic space when the exterior wall less than 3 feet to the property line. ORSC Table R302.1, R806.2

Replace or Double-up Notched Studs. Bearing up to 25 percent, Non Bearing up to 40 percent. ORSC 602.6, OSSC 2308.5.9

Structural Strap Min. 16 ga. Min. 16 inches Top Plate where greater than 50 percent of plate removed.

Install (8) 16d nails each side of hole or notch. ORSC 602.6.1, OSSC 2308.5.9

 Install (8) 16d nails each side of hole or notch at 16ga strap. ORSC 602.6.1, OSSC 2308.5.9

Structural Strap Top Plate Splice with Min. 16 ga. Min. 16 inches where less than 24 inches offset. ORSC 602.3

Structural Strap Min. 16 ga. Min. 16 inches Top Plate Splice where less than 48 inches offset.

Eight 16ds each side of splice. OSSC 2308.5.3

Install bearing stud with 1 inch tolerance under joist or rafter when single top plate (joined by 3 inch by 6 inch by .036 inch thick steel plate with six 8d nails either side). ORSC 602.3.2, OSSC 2308.5.3

Provide City Approved Manufacturer or Design Professional’s Repair for Drilling and Notching of Engineered wood product. ORSC 502.8.2, OSSC 2308.7.9

Cripple Wall studs exceeding 4 feet in height shall be framed as additional story above. Solid sheath when stud height less than 14 inches. ORSC 602.9, OSSC 2308.6.6

Maintain Min. 2 inches Clearance from Combustible Framing at Flue/Chimney. ORSC 1003.18, OSSC 2304.5

Rafters shall be framed to a ridge board or to each other with a gusset plate as a tie. Ridge board shall be minimum 1 inch thick nominal and not less in depth of the cut rafter. ORSC 802.3, OSSC 2308.10

Nail rafters to top plate. Min. 2-16ds. Table R602.3 (1)

Nail Ceiling Joists to top plate. Min. 3-8d. Or to parallel rafter 3-10d. Table R602.3 (1)

Nail corner studs. Minimum 16ds at 24”oc. ORSC Table R602.3.1

Lap Joists min. 3 inches at bearing partitions. ORSC 502.6.1, Table R602.3.1, ORSC R802.3.2, OSSC 2308.4.2.3

Openings in roof and ceiling shall have double rafter headers and trimmers when header span exceeds 4 feet. ORSC R802.9

Hanger double rafter header to trimmer when header exceeds 6 ft. ORSC 802.9

Re-size Purlins to same size as rafters. ORSC R802.5.1

Add Purlin bracing. Min. 2x4 bracing at max. 48 inches O.C. Max. 8 feet unbraced. ORSC R802.5.1

Notching of Joists, Rafters and solid sawn Beams not to exceed 1/6 depth, not longer than 1/3 depth and not located in middle 1/3 of span. ORSC R802.7, OSSC 2308.4.2.4

Notches at ends of Joists, Rafters and solid sawn beams shall not exceed 1/4 depth of member. ORSC R802.7, OSSC 2308.4.2.4

Holes in Joists, Rafters and solid sawn Beams shall not exceed 1/3 the depth of the member and shall not be located within 2 inches of the top or bottom of the member. ORSC R802.7, OSSC 2308.4.2.4

Provide Design Professional, COB approved revision for altered engineered product. ORSC R802.7.2, OSSC2308.4.3

Provide Oregon Engineer stamped, COB approved truss layout and details. ORSC R802.10.2, OSSC 303.4

Install Truss Web Bracing as per truss details. ORSC R802.10.3, OSSC 2303.4.1.2

Install H-type Clips at Truss to Top Plate. ORSC R802.10, OSSC 2303.4

Provide Engineered, COB approved truss revision for altered truss. ORSC R802.10.4, OSSC 2303.4.5

Install Attic Ventilation at 1/150. 1/300 when 50 percent of required ventilation is upper and 50 percent of required ventilation is lower. ORSC R806.2, OSSC 1203.2

Install Eave Vent Baffles. Min. 1 inch free air space between insulation and sheathing. ORSC R806.3, OSSC 1203.2

Provide Min 22x30 Attic access. ORSC R807.1 (Residential). Provide Min 20x30 Attic access. OSSC 1209.2 (Commercial)

Install Safety glazing at XXXXX, where glazing is within 24 inches of either side of the door in the plane of the door in a closed position, within 36 inches of a walking surface where the glazing is less than 18 inches to finished floor, shower door, etc. ORSC R308.4, OSSC 2406.4

Install Safety Glazing at X when less than 60 inches from the waters edge of adjacent tub or shower door. ORSC 308.4.5

Install Fire blocking at stairs, soffits, concealed spaces including interconnection of Vertical and Horizon spaces, and furred spaces exceeding 10 feet horizontally and vertically. Use 2x nominal lumbar, 23/32 particle board-joints backed with same, ¾ plywood-joints backed with same, ½ gypsum board, ¼ cement board. ORSC 302.11, OSSC 718.2.2 & 718.2.3 & 718.2.4

Install Fire blocking vertically at floor and ceiling lines, horizontally at 10 oc and, concealed space transitions of horizontal to vertical. ORSC R602.8, OSSC 718.2.

Fire block materials shall be 2 inch nominal lumber, 23/32 inch plywood w/backed joints, 3/4 inch OSB w/backed joints, gypsum wallboard, cement fiber board, batts and blankets of glass fiber and mineral wool securely held in place. ORSC R602.8, OSSC 718.2.1

Install Fire blocking between the stair stringers at the top and bottom of the run. ORSC R602.8, OSSC 718.2.4

Install Fire blocking at XXXXX. ORSC R302.11, OSSC 718.2

Install (2) min. lateral load connectors at deck edge rim joists for interconnection of deck to house framing. Each device must have a design capacity of not less than 1500 pounds. ORSC R507.2

Provide minimum bearing for engineered wood joists (1.75 inch as per listing). ORSC R502.1.4, OSSC 104.9, OSSC 2308.4.3

Provide Moisture-Sensitive Wood Framing Moisture Content Report. ORSC R109.1.4.1

Lennar:

Install (2) H2.5s in lieu of SDWCs at front girder. ORSC R106.4

Install (2) H2.5s at girder ends. ORSC R106.4

Install blocking in floor system to carry girder load from above. ORSC R106.4

Install LGT2 at owners closet girder. ORSC R106.4

Nail sheathed trusses at girder blocking 8ds at 6"oc.  See 5/S4.1

**TNHC:**

Install LCE4 top of post brackets at deck to beam. ORSC R106.4

Nail corner studs at shearwalls with (2) 10ds at 8” oc. See 11/S1.5. ORSC R106.4

Install additional full height studs as per King Stud Table on 10/S1.5. ORSC R106.4

Install web stiffeners at I-joist cantilever over shearwall. 13/S1.4 ORSC R106.4

Install ladder blocking between 1st trusses and parallel S4 shearwall at stairs at 24” oc and A35s at 18”oc. ORSC R106.4 See 5/S1.1

Install DTT2Zs at deck and floor framing as per plan. ORSC R106.4 See 12/S1.1

Install ledger bolting as per plan.  ORSC R106.4  See 12/S1.1

Install A35s at top plate and blocking at deck rim.  ORSC R106.4

18" oc as per 12/S1.1

SDWS at 8” oc or (2) at 16” oc

 Install (2) H2.5s at under living rim beam to cross beam as per Framing plan.  ORSC R106.4

Install lower roof vents at 6’ oc where distance to property line requires protected openings. ORSC R106.4

See 5/D3

Install LRU28s at stair stringers as per 9/S1.5. ORSC R106.4

Complete rake details and (2) layers of Densglass at front garage and back deck as per 2, 6/D3.  ORSC R106.4

Install SDWC 15600 truss screws as per listing and approved plans. See 2/S1.1 ORSC R106.4

**STAIRS**

Install landing at each side of exterior doors other than required exit door, with no more than 8” to top of threshold. ORSC R311.3.2

The required landing depth at the top and bottom of interior stairways shall be not less than 36 inches in the direction of travel. ORSC R311.7.1

Install level landing not less than 36” in the direction of travel at bottom of deck stairs. ORSC R311.7.6

Glazing shall be tempered when adjacent to stair landings and the bottom edge is less than 36” above the walking surface. ORSC R308.4.7

Stairways shall be equipped with a source of illumination for landings and treads with a wall switch located at each floor level. ORSC R308.7

Minimum stairway width at and below the handrail including treads and landings shall be not less than 31 ½”. ORSC R311.7.1

Install stairway risers so they do not exceed a maximum riser height of 8 inches and a minimum of 4 inches. ORSC R311.7.4.1 & R311.7.4.5

Install stairway treads so they are not less than 9 inches in depth. ORSC R311.7.4.2

Install stairway risers so they do not exceed a maximum riser height of 7 inches and min of 4 inches. OSSC 1009.7.2

Install stair treads so they are not less in tread depth of 11 inches. OSSC 1009.7.2

The maximum difference between the smallest to the largest rise and/or run in any flight of stairs cannot exceed 3/8 inch. ORSC R311.7.4.1 & 311.7.4.2, OSSC 1009.7.4

Stairways shall have a minimum headroom clearance of 80 inches measured vertically from a line connecting the edge of the nosing. ORSC R311.7.2, OSSC 1009.5

Stair nosing projections shall be not less than 3/4 inch nor greater than 1 1/4 inch except where tread depth is 10 inches or greater, projections are not required. ORSC R311.7.4.3

Stair nosing projections shall not exceed 1 1/4 inch. OSSC 1009.7.5.1

Height or handrail shall not be less than 34 inches high and not more than 38 inches. OSSC 1012.2

Install required handrail with minimum height of handrail shall not be less than 34 inches high and not more than 38 inches. OSSC 1012.2

Handrails shall be Continuous and located on one side of a flight of stairs when (4) or more risers. ORSC R311.7.7

Handrail assemblies shall be able to resist a single 200# concentrated load applied anywhere along any point at the top and have attachment devices and supporting structure that transfer these loads to appropriate structural elements of the building. ORSC R301.5, OSSC 1607.8 (ASCE 7-4.5.1)

Continuous Handrails shall be located at Winder stairways on the side where the tread is narrower. ORSC 311.7.7.2

Provide a minimum clear stairway width of 36 inches at all points above the permitted handrail height. ORSC R311.7.1

Provide a minimum clear stairway width of 44" at finish, 36" clear width if less than 50 occupants. OSSC 1009.4

Opening between open risers shall not allow passage of 4" sphere. ORSC R311.7.4.3, OSSC 1009.7.5.3

Protect under stairs storage with ½ inch drywall for residential and as for 1- hour rated construction in commercial. ORSC R302.7, OSSC 1009.9.3

Install Consistently Shaped winder treads of minimum tread depth of 6” and a maximum of 3/8 inch variation at the walkline. ORSC R311.7.5.2.1

**GUARDS**

Guardrail assemblies shall be able to resist a single 200# concentrated load applied anywhere along any point at the top and have attachment devices and supporting structure that transfer these loads to appropriate structural elements of the building. ORSC R301.5, OSSC 1607.8 (ASCE 7-4.5.1)

Guards at porches, balconies, stairs and raised floor surfaces shall have intermediate rails or ornamental closures which do not allow the passage of a 4 inch sphere. ORSC 312.1.3, OSSC 1013.4

Height of guards shall not be less than 42 inches high. OSSC 1013.3

Height of guards shall not be less than 36 inches high. ORSC 312.2

Triangular openings formed between the stair riser tread and bottom of guard shall not allow passage of a 6 inch sphere. ORSC 312.3

Where walking surfaces of porches, balconies, stairs, ramps and raised floor surfaces are more than 30 inches above adjacent walking surface, floor or grade, guards shall be installed so they are not less than 36 inches in height for residential and 42 inches for commercial. ORSC 312.2, OSSC 1013.2

Guards at Open Sides of Stairs with a total rise of more than 30 inches shall be not less than 34 inches measured vertically from the plane of the nosing. ORSC R312.2 exception 1.

**INSULATION**

Install Rx insulation as per ORSC N1101.1(1)

Provide Final Insulation Report that is filled out. ORSC N1101.1(1)

Remove kraft faced vapor barrier at underfloor crawlspace insulation. It does not meet 25 flame spread index nor 450 smoke developed index. ORSC R302.10.1

Install reduced flame spread vapor barrier at concealed spaces. 25 flame-spread, 450 smoke developed. ORSC R302.10, OSSC 803.1.1

Seal around windows, doors, other exterior wall penetrations with approved Caulk, Foam, gaskets, insulation etc. ORSC N1104.8.2, OEESC 502.4.2 & 502.4.3

Maintain Thermal Insulation min. 3 inches away from metal chimney/gas vents. ORSC N1104.2.4

Light fixtures in contact with thermal insulation must be IC rated. ORSC N1104.2.4, OSSC 104.9

Vapor barrier, 1 perm, dry cup. Note exceptions. ORSC N1104.9.1.

Install Insulation Baffles at eaves and maintain 1 inch air space between baffle and roof sheathing. ORSC N1104.2.5, OSSC 1203.2

Minimum clearance for attics where Blown Insulation is to be installed - 44 inches clear from top of ceiling joist to sheathing. ORSC N1104.2.1

Provide City approved Rated Assembly that meets Sound transmission requirements. ORSC-Appendix K.ORSC 106.5

Install Deeply Buried Duct insulation depth indicator flags on to of R-8 insulated flexible ducts every 10’ for viewing of additional R-19 insulation at Final. ORSC N1105.3

**DRYWALL**

Install minimum required Garage separation: ½ inch drywall at walls and attic spaces, 5/8 inch drywall between all habitable rooms. ORSC R302.6, OSSC 406.3.4

Install ½ inch drywall at enclosed usable/accessible space under stairs of dwelling unit(s). ORSC R302.7, OSSC 1009.9.3

Enclosed usable space under stairs shall be 1 hour fire rated construction or no less than the fire rating of the stair enclosure, whichever is greater. OSSC 1009.9.3

Re-nail Shear drywall as per approved plans. ORSC R106.4, OSSC 104.9

Install fire-resistance-rated assembly as per approved plans. ORSC R106.4, OSSC 104.9

Provide COB approved Rated Assembly. ORSC R109.1.5.1. OSSC 703.2

Re-nail fire-resistance-rated walls as per plan. See XXXXX. ORSC R106.4, OSSC 104.9

Protect fire-resistance-rated assembly at membrane and through penetrations. OSSC 714.1

Install listed penetration fire-stop system rated for assembly at membrane and through penetrations. ORSC R317.3, OSSC 714.3

Mark and identify Fire Wall, Fire Barrier, Fire Partition, Smoke Barrier and Smoke Partition with permanent signs or stenciling. OSSC 703.7

1st layer of 2-hr fire rated assembly installed, OK to proceed, call for inspection when 2nd layer is installed. ORSC R109.1.5.1, OSSC 110.3.5

**FINAL INSPECTION**

**Residential:**

Obtain Final Erosion Control approval. ORSC R109.1.5 & R109.1.6

Obtain Final Site Development approval. ORSC R109.1.5 & R109.1.6

Obtain SDAPP approval. ORSC R109.1.5 & R109.1.6

Obtain Final Electrical approval. ORSC R109.1.5 & R109.1.6

Obtain Final Plumbing approval. ORSC R109.1.5 & R109.1.6

Obtain Final Mechanical approval. ORSC R109.1.5 & R109.1.6

Obtain Final Sprinkler System approval. ORSC R109.1.5 & R109.1.6

Obtain Radon System Final approval. ORSC AF101.1

Pay all fees due. ORSC R105.4, R108.1 & R108.4

Provide test report that verifies Building Tightness. Test shall be performed by blower-door and shall include building depressurization to 50 Pascal’s with verification of less than 4.0 Air Charges. (AF 103.5.2.3, ORSC)

Provide High Efficiency Interior Lighting Systems Report. ORSC N1107.2

Provide Moisture-Sensitive Wood Framing Moisture Content Report. ORSC R109.1.4.1

Provide Final Insulation Report that is filled out. ORSC N1101.1(1)

Post site address. Residential- Min. 4 inch tall numbers of contrasting color on house or on garage when Building Official determines garage to have better visibility. Max. 45 degrees from horizontal. Commercial- Min. 6 inch tall numbers on building or suite. ORSC R319.1, COB Code 9.02.040

Slope Finish Grade away from foundation 6 inches in 10 feet or to an approved location. ORSC R401.3

Seal around all Exterior penetrations. ORSC N1104.8.2, ORSC R408.4

Seal holes in and around penetrations at foundation vent screen. Max. opening - ¼ inch. ORSC R408.2, OSSC 1203.3.1

Seal holes in and around penetrations at birdblock vent screen. Max. opening - ¼ inch. ORSC R806.1

Seal penetrations from garage to dwelling or structural members supporting dwelling with approved fire blocking. ORSC R302.6 & R302.11 (4)

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Provide Under floor ventilation. Min. 1sq. ft. per 150sq ft. of floor area and 1openings within 3 feet of each corner. ORSC R408.1, OSSC 1203.3 (No reduction can be made where radon mitigation construction is required)

Wood siding, sheathing and wall framing on the exterior of building shall have a clearance of no less than 6 inches from ground. ORSC R317.1

Max opening at Soffit ventilation, Eaves, Foundation Vents- ¼ inch. ORSC 408.2, ORSC 806.1

Garage person-door Openings to be, solid wood doors, solid or honeycomb steel doors not less than 13/8 inch thickness or 20-minute fire-rated doors. ORSC R302.5.1.1

Enclose gas piping within drywall envelope. ½ inch gyp if non-habitable and 5/8 inch when habitable above. ORSC R302.5

Install Flashing to protect building structural components from water infiltration. ORSC R703.4

Protect enclosed accessible (usable) space under stairs with ½ inch drywall. ORSC R302.7

Locate Vibration Isolators 18 inches from drywall penetration. ORSC R302.5.2

Showers shall have a nonabsorbent surface to 6 feet. ORSC R307.2

Install Tempered Glazing at Enclosure Walls and Doors of shower, bathtub, hot tub, sauna, steam room to 60 inches above standing surface. ORSC R308.4

Bedroom Escape Windows must have min. net clear opening of 5.7 sq. ft. with a 24 inches min. net clear opening height and min. 20 inches net clear opening width. Maximum of 44 inches from finished floor to window opening. ORSC R310.1, R310.2.3

4 inches Max Opening at Operable Windows where opening is located more than 72 inches above exterior finished grade and the lowest opening above the interior floor is 24 inches. Note: Fall Prevention Device that complies with ASTM F 2090. ORSC R612.2

Install Fall Prevention Device(s) that complies with ASTM F 2090 or window opening limiting devices per section ORSC 612.4 at all openable. Operable sections of windows that allow more than 4 inches of opening, are located more than 72 inches above exterior finished grade, and where the top of the window sill is less than 24 inches to the interior finished floor. Note: Fall Prevention Device shall not reduce Emergency Escape sizing requirements. ORSC R612.3, ORSC R310.1

Install a floor or landing on each side of each exterior door. ORSC R311.3

The floor or landing at the exterior door shall not be more than 1.5 inches lower than the threshold. ORSC R311.3.1

Maximum Slope at Ramps shall be 1 in 12 or 8.3 percent. ORSC R311.8.1

Install min. 3 feet x 3 feet landing at top and bottom of ramps, where doors open onto ramps and where ramps change direction. ORSC R311.8.2

All Egress doors shall be readily openable without the use of a key and no special knowledge or effort. ORSC R311.2

To receive a certificate of occupancy complete and provide final approvals of all permits on list. Left list with contractor. ORSC R109.1.6 & ORSC R110.1

Install 10 year Lithium battery operated Smoke Detectors in every bedroom or room with a built-in closet. One outside of the bedrooms and within 21 feet from each door and one per floor. ORSC R314.1

Install an interconnected Smoke Detectors in every bedroom or room with a built-in closet. One outside of the bedrooms and one per floor. ORSC R314.3, R314.4

Install Carbon monoxide alarms within 15 feet outside of each bedroom door. Where bedrooms are on separate floor levels carbon monoxide detectors shall be installed on each floor level. Single station carbon monoxide detectors may be battery operated, or hard wired, and securely fastened in place if plug-in style. ORSC R315.2 & R315.3

Install Carbon monoxide alarms within 15 feet outside of each bedroom door. Where bedrooms are on separate floor levels carbon monoxide detectors shall be installed on each floor level. ORSC R315.2 & R315.3

Combination smoke/carbon monoxide alarms shall be interconnected and be listed as complying with UL2034 and 217. ORSC R315.3.3

Enclose gas piping within drywall envelope. ½ inch gyp if non-habitable and 5/8 inch when habitable above. ORSC R302.5

**RADON**

Provide test report that verifies Building Tightness. Test shall be performed by blower-door and shall include building depressurization to 50 Pascal’s with verification of less than 4.0 Air Charges. (AF 103.5.2.3, ORSC)

Install system per City Approved Plan or provide revisions. ORSC R106.4, OSSC 107.4

Seal all rips and tears at vapor barrier or install additional 6 mil black polyethylene soil-gas-retarder with minimum 12” lap at all joints. (AF 103.3, ORSC)

ALTERNATE TO SEALING FOUNDATION WALLS: Extend vapor barrier to mudsill and attach at foundation perimeter. (AF103.4.6, R104.11 ORSC)

Seal around all penetrations such as pipes, wires etc. at 6 mil vapor barrier. (AF103.3, ORSC)

Seal around all openings in floor systems and around bathtubs, showers, piping, wires and ductwork with polyurethane caulk or equivalent sealant. (AF103.4 & 103.4.9, ORSC)

Install minimum 4” layer of clean ¼” – 2” aggregate under minimum 6 mil vapor barrier under slab. (AF103.2, ORSC)

Remove all operable vent louvers to radon controlled crawl space. (AF103.5.2.2, ORSC)

Cut plastic at foundation vents. (AF103.5.2.2, ORSC)

Seal joints at under-slab ductwork and provide performance test that demonstrates conformance to ODOE duct performance standards. (AF103.4.8, ORSC)

Install electrical circuit, terminated in approved box, at attic near radon vent piping for future depressurization system installation. (AF103.12, ORSC)

Extend minimum 3” vent pipe to terminate 12” above roof surface not less than 2 feet above or 10 feet away from operable window or opening into building or adjacent buildings. (AF103.6.1, ORSC)

Provide duct leakage performance test that demonstrates conformance to ODOE duct performance standards. (AF103.4.8, ORSC)

Identify radon vent piping at every floor level and in attic space. Label shall read: “Radon Reduction System.” (AF103.9, ORSC)

Provide verification of foundation damp proofing installed per section ORSC 406. (AF 103.4.6 & 109.1.5, ORSC)

Provide Duct Sealing Report, from approved testing agency, stating: Ducts have been sealed and demonstrate conformance to ODOE (Oregon Department of Energy) Duct Performance Standards. (AF 103.4.8, ORSC)

**ACCESSIBILTY**

Staff to provide code corrections they would like.

Provide backing for grab bars, shower seats, dressing room benches. The design must resist a single concentrated load of 250 pounds applied in any direction. OSSC 1607.8.2

**Commercial Final Temporary C.O. notes:**

Temporary certificate of occupancy expires “ “. OSSC 111.3

Temporary certificate of occupancy expires 30 days from the date of issuance. OSSC 111.3

OK to apply for a temporary certificate of occupancy, $300.00 fee due. OSSC 109.2

Provide full sign off of project from City of Beaverton Engineering Division. OK for a temporary Certificate of Occupancy only. OSSC 111.3

Provide full sign off of project from City of Beaverton Planning Division. OK for a temporary Certificate of Occupancy. OSSC 111.3

Complete all noted items on inspection report dated XXXX. OK for temporary certificate of occupancy.

To receive a certificate of occupancy complete and provide full final or partial final approvals for all permits on list. Left list with contractor. OSSC 110.3.8 & OSSC 111.1

**Commercial Final Corrections:**

Obtain Final Mechanical approval. OSSC 110.3.8 & 110.3.10

Obtain Final Sprinkler approval. OSSC 110.3.8 & 110.3.10

Obtain Final Alarm approval. OSSC 110.3.8 & 110.3.10

Provide Special Inspection Finalization Report. OSSC 1704.2.4

Provide Geotechnical Engineer’s Finalization Report OSSC 11.3.8, 1704.5, 1803.6

Provide the Finalization Report from the Structural Engineer of record OSSC 110.3.8, 1704.5, 1803.6

Obtain Final Electrical approval. OSSC 110.3.8 & 110.3.10

Obtain Final Plumbing approval. OSSC 110.3.8 & 110.3.10

Provide project approval from City of Beaverton Site Development Division. Contact \* \*. OSSC 111.1

Provide Engineer’s Finalization structural observation report. OSSC 111.1 & 1704.5.

Provide Geotechnical Engineer’s Finalization structural observation report. OSSC 1704.5 and OSSC 1803.6.

Provide Finalization report from the special inspection agency of record. OSSC 110.3.9 and OSSC 1704.2.4

Provide an erosion control final approval. Contact Ben Kelley 503-526-2591 OSSC 110.3.8 & 111.1

After all of the noted items are completed call for a re-inspection. OSSC 111.2 - ORSC R110.3

Pay all fees due. OSSC 109.2 & 109.5

To receive a certificate of occupancy complete and provide final approvals of all permits on list. Left list with contractor. OSSC 110.3.8 & OSSC 111.1

Post site address on building or suite Min. 6 inch tall numbers of contrasting color min and plainly legible. Max. 45 degrees from horizontal. OSSC 501.2, OFC 505.1, COB Code 9.02.040

Install Fire Extinguisher(s) classification 2-A-10BC Min. 1 but, not to exceed more than 75 feet travel distance and 1 per 3000 sq. ft. install within Accessibility reach ranges. OFC 906.3

Slope Finish Grade away from foundation 6 inches in 10 feet or to an approved location. OSSC 1804.3

Clearance between wood siding and earth on the exterior of the building shall not be less than 6 inches. OSSC 2304.11.2.6

Seal around all Exterior penetrations. OSSC 1403.2

Max opening at Soffit ventilation, Eaves, Foundation Vents- ¼ inch. OSSC 1203.2.1, OSSC 1203.3.3.1

Enclosed usable space under all stairs shall be protected by 1-HR fire-resistance- rated construction. OSSC 1009.9.3

Install Type K Fire Extinguisher within 30 feet of cooking appliances. OFC 904.11.5

Showers shall have a nonabsorbent surface to 6 feet. OSSC 1210.2.3

Install Tempered Glazing at Enclosure Walls and Doors of shower, bathtub, hot tub, sauna, steam room to 60 inches above standing surface. OSSC 2406.4.5

Bedroom Escape Windows must have min. net clear opening of 5.7 sq. ft. with a 24 inches min. net clear opening height and min. 20 inches net clear opening width. Maximum sill height 44 inches above floor. OSSC 1029.2

Install a floor or landing on each side of each exterior door. OSSC 1008.1.5

Maximum Slope at Ramps shall be 1 in 12 or 8.3 percent. OSSC 1010.3

Maximum Cross Slope at ramps is 1 in 48 or 2 percent. OSSC 1010.4

Install min. 3 feet x 3 feet landing at top and bottom of ramps, where doors open onto ramps and where ramps change direction. OSSC 1010.7

All Egress doors shall be readily openable without the use of a key and no special knowledge or effort. OSSC 1008.1

**CEILING GRID**

Ceiling grid installations cannot be inspected until all installations are completed and electrical, mechanical ,and fire sprinkler systems have been completed and been approved for cover. OSSC 110.3.8 & 110.5

Install Suspended Ceiling Grid system as per approved plans and/or ASTM C 635, ASTM C 636. OSSC 107.4 & 808.1

Install Seismic Struts at Max 12 feet oc. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Install Seismic Struts Plumb and Max 1 in 6 out of plumb. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Install Splay wires at Max. 45 degrees from horizontal. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Secure Splay wires to within 2 inches of seismic strut. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Relocate support and splay wires that contact mechanical, sprinkler, plumbing systems etc. OSSC 808.1, ASTM C 635 and ASTM C 636

Install support wires at 4 feet oc. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Provide Bracing (BERC) system installation instructions. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Secure perimeter track to wall as per plans. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Install Bracing (BERC) Clips per manufacturer’s installation instructions. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Install Perimeter wires within 8 inches of wall at all main tee’s and cross tee’s. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Do not install ceiling tile until corrections have been made and a re-inspection for approval has been obtained. OSSC 110.1 & 110.6

Provide a minimum of three wraps on the return of all support wires. OSSC 808.1.1.1, ASTM C 635 and ASTM C 636

Provide approved electrical inspection. DO NOT INSTALL TILES. OSSC 110.3.8

Provide approved mechanical inspection. DO NOT INSTALL TILES. OSSC 110.3.8

Provide approved fire sprinkler inspection. DO NOT INSTALL TILES. OSSC 110.3.8

Provide approved plumbing inspection. DO NOT INSTALL TILES. OSSC 110.3.8

**SPRINKLERS**

Install as per City of Beaverton approved plans. ORSC R106.4, OSSC 107.4

Provide Affidavit Plan of relocated or new heads. ORSC R106.4, OSSC 107.4

Missing support at XXXX OSSC 903.3 and NFPA 13 Sec.9.2.3

Armover requires support at XXX OSSC 903.3 and NFPA 13 Sec.9.2.3.5

Install lateral sway bracing at …. OSSC 903.3 and NFPA 13 9.3.5.5

Install Seismic Bracing as per plans. OSSC 107.4, 903.3 and NFPA 13 Sec.9.3.3

Additional protection required at XXXX. OSSC 903.3 and NFPA 13 Sec. 8.15.1.2.1

Incorrect head installed at….. or provide city stamped approved revision. OSSC 107.4, 903.3, and NFPA 13 Sec.8.3.1.1

200# Hydro test not holding for 2 hours, call for a re-inspection when ready. OSSC 110.3.8, 903.3 and NFPA 13 Sec. 25.2.1

Install Hydraulic Design Information Sign. OSSC 903.3 and NFPA 13 Sec. 25.5.1

Install Signage that identifies the Fire Sprinkler Riser room. OFC 509.1, OSSC 903.3 and NFPA 13 Sec. 6.7.4.1

Provide tamper switches (monitoring) on valves located ….. OSSC 903.4 and NFPA 13 Sec. 8.16.1.1.2

Freeze Protection required at Riser Room. See Min. 40 degrees F. OSSC 903.4 and NFPA 13 Sec. 8.16.4.1.3

Freeze Protection required at piping run through unconditioned areas. NFPA 13D Sec. 9.1.2

Install Signage at FDC Min. 1inch tall raised or engraved letters to read AUTOSPRINKLER. OSSC 903.4 and NFPA 13 Sec. 8.17.2.4.7

**UNDERGROUND FIRE LINES**

200# Hydro test not holding for 2 Hours. Repair and request another inspection when ready. OSSC 110.3.8 & 903.3 and NFPA 13 Sec. 10.10.2.2.1

Provide COB approved revision for changes to installed piping. OSSC 107.4

Install pipe on Firm, Continuous Bedding free of debris. OSSC 903.3 and NFPA13 Sec. 10.9

Expose pipe joints for Hydro test. OSSC 110.3.8 & 903.3 and NFPA13 Sec. 10.10.2.2.4

Inspection is unable to be performed. Expose piping for inspection. OSSC110.1 & 110.6

Install Thrust Blocks or approved joint restraint system as per COB approved plans. OSSC 107.4 &110.3.8 & 903.3 and NFPA13 Sec. 10.8.1.1

**FIRE ALARMS**

NEED CORRECTIONS FROM STAFF

Install devices per approved plans. OSSC 110.1 & 907.2

Add a Horn/Strobe at XXXX. OSSC 907.2 and NFPA 72 Sec. 18.5.5.4

Where there is more than two strobes within the field of view they shall be shall be synchronized. OSSC 907.2 and NFPA 72 Sec. 18.5.5.4.2 & 18.5.5.5.7

**FIRE STOP**

Install listed penetration fire-stop system rated for assembly as per listing. ORSC R106.4, OSSC 714.3

Seal all rated penetrations at fire resistance rated walls with listed rated Fire Stops at cables, piping, electrical boxes, etc. ORSC R302.4, OSSC 714.3

Provide listing for Fire-Stop product used. Must meet ASTM E 814 or UL 1479. ORSC R302.4.1.2, OSSC 714.3.1.2

Protect electrical boxes at rated walls where not separated by 24 inches with listed putty pads. ORSC R302.4.2, OSSC 714.3.2

Electrical boxes shall be 24” horizontally separated in a non-communicating stud cavity for a fire resistance assembly or meet exceptions. OSSC 714.3.2

Remove drywall mud and fill annular space with Listed Fire-Stop System as per listing. ORSC R106.4 OSSC 714.3

**OPENING PROTECTION**

Fire Door ASSEMBLIES shall be labeled on the door or frame by an approved testing agency. OSSC 716.5.7

Fire Door FRAMES shall bear a Label indicating manufacturer and 3rd party testing agency. OSSC 716.5.7.1

Fire Door Assemblies installed in Corridors and Smoke Barriers shall bear labeling indicating fire protection rating of min. 20 minutes and the letter –S- for smoke and draft control. OSSC 716.5.7.3

Fire Door Assemblies installed in Exit Enclosures and Exit Passageways shall bear Labeling indicating maximum transmitted temperature end point of 450F after 30 minutes. Exception: Sprinkler equipped building. OSSC 716.5.5

Maximum gap under single Corridor Door- 3/8 inch. Maximum gap under double Corridor Door- ¼ inch. 715.4, NFPA 252 Sec. 5.3

Fire Doors shall be Self or Automatic closing and shall be provided with an Active Latch bolt. OSSC 716.5.9

Smoke Detection Activated Fire Doors shall close within 10 seconds. OSSC 716.5.9.3

Fire-protection-rated Glazing shall be Labeled and conform to the requirements of. OSSC 716.6

Fire and Smoke Dampers shall be listed and bear a label by an approved Testing Agency. OSSC 717.3

Fire Dampers shall comply with the requirements of UL 555. OSSC 717.3

Smoke Dampers shall comply with the requirements of UL 555 S. OSSC 717.3

Combination Fire and Smoke Dampers shall comply with both UL 555 and UL 555 S. OSSC 717.3

Ceiling Radiation Dampers shall comply with the requirements of UL 555 C. OSSC 717.3

Dynamic System Fire Dampers must be labeled for use in HVAC systems designed for fans-on-operation during a fire. OSSC 717.3

Fire Damper Fusible Links shall operate 50F above normal duct temperature but not less than 160F. OSSC 717.3.3.1

Smoke Dampers shall close upon activation of a listed smoke detector (s). OSSC 717.3.3.2

Provide Fire and Smoke Damper access large enough for inspection and maintenance. OSSC 717.4

Identify Damper access w/ min. ½ inch letters reading: Fire Damper, Smoke Damper or, Fire/Smoke Damper. OSSC 717.4

Install Fire blocking vertically at floor and ceiling lines, horizontally at 10 O.C. and, concealed space transitions of horizontal to vertical. ORSC R302.11, OSSC 718.2.2

Fire block materials shall be 2 inch nominal lumber, 23/32 inch plywood w/backed joints, ¾ inch OSB w/backed joints, gypsum wallboard, cement fiber board, batts and blankets of glass fiber and mineral wool securely held in place. ORSC R302.11.1, OSSC 718.2.1

Install Fire blocking between the stair stringers at the top and bottom of the run. ORSC R302.11, OSSC 718.2.4

Install Fire blocking at annular space around openings. ORSC R302.11, OSSC 718.2.5