

# City of Oxnard Community Development Building and Safety Division

### **EXPANDED RESIDENTIAL CHECKLIST**

#### REFERENCES

Numbers in the parenthesis () refer to sections of the California Building Code, Letters () refer to sections of the California Residential Code (R), Table (T), Plumbing Code (PC), Mechanical Code (MC), Electrical Code (EC), Fire Code (FC), CalGreen (CG) and CA Building Energy Efficiency Standards (ES). Refer to the City of Oxnard Building Department Handouts and online version of this checklist for links to the items <u>underlined in blue</u>.

### **DEFINITIONS**

SFD: A Single-family dwelling (SFD) is a structure used and maintained as a residential dwelling that is designed exclusively for occupancy by

one family.

ADU: An accessory dwelling unit (ADU) is a second unit on the same lot that is attached or detached from an SFD.

Junior ADU: A Junior accessory dwelling unit (JADU) is a unit that is no more than 500 square feet in size and contained entirely within an existing

SFD. A JADU may include separate sanitation facilities, or may share sanitation facilities with the existing structure.

### **INSTRUCTIONS**

- Thoroughly read all sections listed below.
- 2. Check [YES] for applicable sections, and check [N/A] for sections not applicable to the current project.
- 3. For all applicable sections, indicate the sheet number where the requirement is located on the plans.
- The following checklist must be included in addition to the "Plan Submittal Checklist".

GENERAL PLAN REQUIREMENTS (A)	YES	N/A	Indicate Sheet # (as applicable)
A1. Does the site plan show all existing and/or new utility meters and lines on the site plan?			
<ul> <li>Water Service and Meter - A project specific table summarizing the number of Water Supply Fixture Units (WSFU) utilizing the <u>PC Table 610.3</u> values for each plumbing fixture has been provided.</li> </ul>			
<ul> <li>For attached ADU/detached ADU conversion/Jr. ADU - An analysis of the total WSFU demand from the previous table with <u>PC Table 610.4 46-60 PSI</u> utilizing the distance to the furthest fixture has been specified and any upgrades are indicated on the site plan.</li> <li>Note: Water supply calculations must be provided as a part of the plan</li> </ul>			
<ul> <li>For a (N) SFD's or a newly constructed detached ADU, a new separate water meter has been provided, and the new water meter and new supply line have been sized based on PC Table 610.3 and PC Table 610.4 for 46-60 PSI and are shown on the site plan.         Note: Water supply calculations must be provided as a part of the plan     </li> </ul>			
<ul> <li>b. Gas - The gas line has been shown and sized using <u>B703 Sizing of Gas Lines</u> and/or <u>PC Chapter 12</u> to provide adequate flow to the SFD/ADU/Jr. ADU appliances.         Note: Gas line calculations must be provided as a part of the plan and must include all (N) and (E) gas appliances unless dedicated gas lines are provided for the ADU and/or Jr. ADU, in which case, only (N) gas appliances shall be included.     </li> </ul>			
c. Sewer - The (E) and/or (N) Sewer line and its size is shown on the site plan, and the ADU drain and sewer line is connected downstream of both residences.  Note: Minimum of a 4" sewer line is required if serving more than 4 toilets. Slope of 1/4" per foot (2%) is required.  CPC 703			
d. Electrical			
<ul> <li>The ADU is be provided with a minimum of a 100A subpanel/panel with; #3 Feeders, #8 Ground, and a minimum of 11/4" conduit.</li> </ul>			
<ul> <li>ii. Is (E) electrical service a minimum of 200A or being upgraded to 200A as part of this permit?         Note: Main Panel upgrade to 200A is not required when a separate (N) service is proposed for the ADU.     </li> </ul>			
iii. If a (N) separate service is proposed for the ADU, do the plans clearly note that the (N) service shall be underground per City of Oxnard Ordinance?			
<ul> <li>iv. For projects with an (E) overhead service drop, does the site plan include the location of the connection to the power pole/power line and has the proposed clearance from the top of the new structure to the service drop been included on the site plan.</li> </ul> <u>CEC 230.24(A)</u>			
A2. Does the site plan show compliance with the requirements of Oxnard Public Works Plate 601?			
a. The finished floor elevation of the (N) SFD and/or ADU/Jr. ADU shall be a minimum of 25" above the lowest adjacent street gutter. Does the site plan include a note that indicates the proposed finished floor dimension meets or exceeds the 25" requirement and has been site measured by the designer or a member of the design team?  Note: Finished floor elevation shall be a project specific dimension measured from the lowest adjacent street gutter that has been site measured by a member of the design team.			
A3. For a (N) SFD or an attached or detached ADU, does the Site Plan and Elevations show a compliant roofing type (i.e. ICC# or equivalent)?  Note: Per City of Oxnard Ordinance, Class A or Class B roofing is required.			
A4. If the roof of the SFD / garage will be re-roofed, is it noted on the Job Description? And do the Site Plan and Elevations show a compliant roofing type (i.e. ICC# or equivalent)?  Note: Per City of Oxnard Ordinance, Class A or Class B roofing is required.			
A5. For (N) SFD AND (N) Detached ADU's only:			
<ul> <li>a. Has grab bar reinforcement been added to at least one bathroom on the entry level with notes/details that identify the location of placement of the grab bar reinforcement? Provide the following notes on the plans: "Reinforcement for grab bars shall be provided for at least one bathroom on the entry level:  i. Reinforcement shall be solid lumber. ii. Reinforcement shall be located between 32-inches and 39½-inches above the finished floor flush with the wall framing. iv. Water closet reinforcement shall be installed on both side walls of the fixture, or one side wall and the back wall.  1. Where the water closet is not placed adjacent to a side wall capable of accommodating a grab bar, the bathroom shall have provisions for installation of floor-mounted, foldaway, or similar alternate grab bar reinforcements.</li> <li>v. Shower reinforcement shall be continuous where wall framing is provided.  1. Reinforcement shall not be required in wall framing for pre-fabricated shower enclosures and bathtub wall panels with integral factory-installed grab bars or when factory-installed reinforcement for grab bars is provided.</li> <li>vi. Bathtub and combination bathtub/shower reinforcement shall be continuous on each end of the bathtub and the back wall. Additionally, back wall reinforcement for a lower grab bar shall be provided with the bottom edge located no more than 6-inches above the bathtub rim."  (R327.1) b. Has the following note been added to the plans:</li> </ul>			
"Documentation for grab bar reinforcement by means of information and/or drawings identifying the location of grab bar reinforcement shall be placed in the operation and maintenance manual."  (R327.1.1.1)			
c. Electrical receptacle outlets, switches and controls intended to be used by occupants shall be located no more than 48-inches measured from the top of the outlet box and not less than 15-inches measured from the bottom of the outlet box above the finish floor. Doorbell buttons shall not exceed 48-inches above exterior floor or landing, measured from the top of the doorbell button assembly. See <a href="CRC R327.1.2">CRC R327.1.2</a> for exceptions. (R327.1.2, R327.1.4)			

d. At least one bathroom and one bedroom on the entry level of a single-story dwelling shall provide a doorway with a net clear opening not less than 32-inches measured with the door positioned at an angle of 90 degrees from the closed			
position. (R327.1.3)			
EGRESS, EMERGENCY ESCAPE AND FIRE PROTECTION (B)	YES	N/A	Indicate Sheet
B1. Fire Sprinkler requirements			(as applicable)
a. Newly Constructed SFD's:		Ш	
Newly constituted 37 25.      Automatic fire sprinkler systems shall be installed, maintained, and accessible for service in all new buildings, regardless of location, floor area, construction type, or occupancy. See <a href="FC903.2">FC903.2</a> for additional details and requirements.			
<ul> <li>b. Detached ADU's:</li> <li>1. Detached Accessory dwelling units which do not exceed 1,200 square feet do not require fire</li> </ul>			
<ul> <li>sprinklers.</li> <li>Detached Accessory dwelling units require fire sprinklers throughout regardless of square footage when they include additional structures such as a garage or other attached rooms not part of the ADU.</li> </ul>			
c. Attached ADU's			
<ol> <li>Attached Accessory dwelling units do not require fire sprinklers when the existing residence does not have fire sprinkler protection.</li> <li>Attached Accessory dwelling units require fire sprinklers throughout when additional square footage is</li> </ol>			
added to the existing residence and the combined added square footage including the ADU exceeds 1000 square feet per the City Ordinance threshold.			
B2. Do the floor plans show interconnected hard-wired "SMOKE ALARM" with battery backup in all bedrooms, immediately outside of all bedrooms, and > 3 ft. from the bathroom?			
B3. Do the floor plans show an interconnected hard-wired "CARBON MONOXIDE ALARM" with battery backup	<del>                                     </del>		
outside of all bedrooms?  (R315)			
B4. Do the site plan and/or floor plans include dimensions from the SFD/ADU and/or Addition to the property line?			
a. If the dimension to the property line is less than 5 ft (3 ft if sprinklered), are the required fire walls identified on the floor	$\vdash$		
plan and are complete fire rating details provided?			
Note: Fire rating requirements may be based on a UL listed fire rated assembly or CBC Table 721.1(2). Fire assembly details must extend from the foundation to the underside of the roof sheathing.			
(Table R302.1(1))			
B5. For attached ADU's or Garage Conversions, does the floor plan identify the location of the 1-hr fire rated assembly required between the ADU and (E) SFD and have complete 1-hr fire assembly detail(s) been provided?			
Note:  1. Fire rating requirements may be based on a UL listed fire rated assembly or CBC Table 721.1(2). Fire assembly			
details must extend from the foundation to the underside of the roof sheathing.  2. If the ADU is separated from the (E) SFD or a portion of the (E)SFD by a floor/ceiling, a 1-hr fire assembly detail			
shall be provided for the floor/ceiling assembly, along with all walls supporting the floor/ceiling assembly.  (Table R302.1(1), R302.2.1)			
B6. Are there <u>no</u> openings (including eave vents) on the SFD/ ADU exterior walls less than 3 ft. to the PL?  (R302.1)			
B7. For SFD/ADU and other altered Roof Eaves within 5 ft. of the PL, do these roof eaves comply with one of the			
following below? Also, has it been confirmed there are <u>no</u> vents under these roof eaves within 5 ft. to the PL?  (Table R302.1(1))			
a. A plan detail showing continuous blocking between roof sheathing and top plates?			
b. A detail for 1 hr. fire rating (i.e. stucco on the underside of the roof eave)?			
B8. Do the site plan and/or floor plans include dimensions from the ADU to the SFD and/or other structures on the			
property?  b. If the dimension between structures is less than 10 ft, is an imaginary lot line included with dimensions from both			
structures?  Note: Requirements outlined in "B4" above are applicable for structures less than 5 ft (3 ft if sprinklered) to the imaginary			
property line.	ļ		
B9. If the SFD/ADU (or ADU Garage Conversion) is attached to a garage, have 1/2 or 5/8 Gypsum Board details been provided for the common wall/floor between the SFD/ADU and garage?			
(R302.6)	<u> </u>		
B10. In each new/altered bedroom(s), do the floor plans, elevation views and window schedule show that one			
openable escape window has been provided with a min. of 5.0 SF (5.7 SF for 2 <sup>nd</sup> floor windows), 24 in. clear height, 20 in. clear width, and max. 44 in. sill height?  (R310.2)			
B11. Are level landing(s) shown at the exterior door(s) that are a min. of 36 in. measured in the direction of travel?	+		
(R311.3)			
horizontal (2 percent)?			
B12. If the egress door swing inwards, do the Floor Plans show a detail/note that the <u>interior</u> landing is a max. of 1½" below the top of the threshold? And that the exterior landing(s) are a max. 7¾" below the top of the			
threshold? (R311.3.1)			
VENTUATION LICHTING CANITATION AND ELECTRICAL (C)	VEC	NI/A	Indicate Sheet
VENTILATION, LIGHTING, SANITATION AND ELECTRICAL (C)  C1. For attic spaces with a 20 in, min, headroom and that are greater than 20 SE, do the plans show the location of	YES	N/A	(as applicable)
C1. For attic spaces with a 30 in. min. headroom and that are greater than 30 SF, do the plans show the location of a 22 in. x 30 in. (minimum) attic access?  Note: The attic access shall be sized to allow for the removal of the largest component of mechanical equipment located in			
the attic and shall no less than 22 inches x 30 inches.  (R807.1)			
C2. Are the attic vent type, locations, & calculations shown on the roof plan? And are specifications provided for the			
selected vents that include the NFVA (Net Free Ventilation Area)?  (R806)			
C3. For proposed unvented attics, do the plans provide complete notes and details to show compliance with unvented attic requirements?			
(R806.5) C4. For proposed raised foundations, are under-floor vent type, NFVA, locations & calculations included on the	<del>                                     </del>		
plans?  Note: Underfloor vents shall be within 3 ft of the corner of the building.			
Note: Origination verits shall be within 3 it of the corner of the building.  (R408)			

(humidistat) control (50-CFM intermittent)?			
C6. Has the following note been added to the plan:			
"The plumbing fixtures shall meet the standards noted below:  a. Water Closet = 1.28 gallons per flush max  b. Showerheads = 1.8 gpm max (multiple showerheads in a single shower: combined flow is 1.8 gpm max)			
c. Kitchen faucets = 1.8 gpm max at 60 psi d. Lavatory faucets = 1.2 gpm max at 60 psi e. Urinals = 0.5 gallons per flush max (0.125 gallons per flush when wall mounted)"			
(CPC 407.2.2, 408.2, 411.2, 412.1, 420.2 and CG 4.303.1) C7. Has the following note been added to the plan:			
"Shower compartments, regardless of shape shall have a minimum finished interior of 1,024 sq. in. and shall be capable of encompassing a 30-inches circle."  [CPC 408.6]			
C8. Has the following note been added to the plan:  "Bathtub and shower floors and walls above bathtubs with installed shower heads and in shower compartments shall be finished with a nonabsorbent surface. Such wall surfaces shall extend to a height of not less than 6-feet above the floor."  (CRC R307.2)			
C9. Has the following note been added to the plan:  "In bathroom, water closet compartments and other similar rooms, provide a window not less than 3 sq. ft. glazing area, half of which shall be openable, or provide exhaust fans with exhaust rate of 50 cfm for intermittent ventilation or 20 cfm for continuous ventilation. The exhaust air shall be exhausted directly to the outdoors."  (CRC R303.3.1)			
C10. Does the ventilation for the (N) kitchen comply with the requirements of the CA Mechanical Code Chapter 4			
and CA Energy Code Section 150.0(o)?  (CMC 405.4, CMC Table 403.7, ES 150.0(o), ES Table 150.0-(E),(G))			
C11. Are GFCI protected outlets provided at the following locations:  Bathrooms, garages, outdoors, crawl spaces, basements, countertops within kitchens, laundry areas, dishwasher circuit, within 6 ft of either sinks, bathtubs, or showers.  (CEC 210.8(A))			
C12. Are AFCI protected outlets provided at the following locations:  Kitchens, family rooms, dining, living rooms, libraries, dens, bedrooms, laundry, sunrooms, closets, or similar rooms and areas.			
(CEC 100 &210.12(A)) C13. Is a readily accessible outdoor receptacle provided, not more than 6-1/2 feet from finished grade, balcony, deck, or porch walking surface?			
(CEC 210.52(E)(3))			
C14. Are outdoor receptacles located in damp and wet locations labeled as "weather resistant"?  (CEC 406.9)			
C15. Do the plans include a note indicating that "Tamper-resistant receptacles" are required for receptacles that are 66-inches and less above the finished floor, and in any of the following locations: kitchens, family rooms, dining, living rooms, libraries, dens, bedrooms, recreation rooms, laundry, or similar rooms or wall space.  Note: Receptacles in a dedicated space for a refrigerator, dishwasher, or washer/dryer are exempt.			
(CEC 406.12, 210.52. & 550.13)	<u> </u>		
(AL) CEDIADDITION / ALTERATION / NEW ADUS (D). This section confice to (AL) CEDIa on Additional to proceed on ADU and			
(N) SFD/ADDITION / ALTERATION / NEW ADUS (D) — This section applies to (N) SFD's or Additions to create an ADU or a (N) Detached ADU. Also, for Alterations to an ADU Garage Conversion, the applicable items are required where (N) Footings, (N) Framing, and/or Shear Walls are proposed.	YES	N/A	Indicate Sheet # (as applicable)
<ul> <li>a (N) Detached ADU. Also, for Alterations to an ADU Garage Conversion, the applicable items are required where (N) Footings, (N) Framing, and/or Shear Walls are proposed.</li> <li>D1. For a (N) or retrofitted Slab-on-Grade Foundation, have details been provided to show compliance with the following?</li> </ul>	YES	N/A	
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GRADING + DRAINAGE (F)	YES	N/A	Indicate Sheet# (as applicable)
F1. Does the site plan show drainage arrows in compliance with <u>CRC R401.3</u> as adopted by the City of Oxnard with			
Ordinance 3021.  Slope away from structures shall have a minimum drop of 6" within the first 10'-0" and shall be minimum of 2% thereafter.			
F2. Does the site plan show a Finish Floor Elevation that is a minimum of 25" above the lowest adjacent grade or gutter per Oxnard Public Works Plate 601?  Note: Finished floor elevation shall be a project specific dimension measured from the lowest adjacent street gutter that has been site measured.			
F3. Have all the following been shown on the site/drainage plan? Downspouts, positive drainage away from foundations (2%/ 5% on hard / soft surfaces), (E) and (N) landscape and concrete areas, and sufficient info. to define drainage patterns for the property.			
F4. Is the project proposing <u>no</u> grading work or less than 50 Cubic Yards (CY) of grading? <i>If more than 50 CY of grading proposed</i> , provide the CY in the right column, provide a grading plan, and submit for Grading Plan Check.			Cut:(CY)  'Fill:(CY)  'Over-Ex & Compact:(CY)
TITLE OF ENERGY (TO 1)			Indicate Chapt#
TITLE 24 ENERGY (T24)  T24.4 Deep the Title Plan Short show that the interior area of the SED/ADI I matched the conditioned area noted.	YES	N/A	Indicate Sheet# (as applicable)
T24.1. Does the Title Plan Sheet show that the interior area of the SFD/ADU matches the conditioned area noted on the CF1R sheet? And are all required HERS tests listed on the cover sheet?			
T24.2. Does the Window Schedule note the (N) windows' U-Factor and SHGC required by the CF1R or <u>Prescriptive Non HERS Verified Form(s)</u> (if applicable)?			
T24.3. Does the Window Schedule include the following note?  "NFRC window labeling is to remain in place on the window(s) until the final inspection and shall match the factors and coefficients on the T24 energy calculations."			
T24.4. Is the required insulation per the CF1R sheet or <a href="Prescriptive Non HERS Verified Form(s)">Prescriptive Non HERS Verified Form(s)</a> (if applicable) called out on cross-sections?			
<ul> <li>T24.5. Does the CF1R require a PV (solar) system? If yes, please be aware of the following requirements.</li> <li>1. (NEW CONSTRUCTION) A PV system shall be installed prior to electrical clearance, otherwise further inspections will not be performed.</li> <li>2. (CONVERSION, ADDITION, OR REMODEL) A PV system shall be installed prior to rough electrical, otherwise further inspections will not be performed.</li> </ul>			
T24.6. For Newly constructed SFD'S or Detached ADU's and all other ADU's >1000SF, are these requirements			
shown on the floor plans?  a. Whole House Fan.			
b. Whole Building Ventilation and the Continuous Fan Rate per the prescriptive calculation. (ES150.0(o))			
T24.7. For (N) SFD'S or (N) Detached ADU's only:			
a. Do the roof plans show the solar ready zone and where future conduit may be installed?  Reference CEC Subchapter 7 and CEC Subchapter 8			
b. If there is a garage dedicated to the Detached ADU, is the EV Charging Ready Infrastructure shown on the garage floor plan? (i.e. Conduit installation, dedicated future breaker, etc.)			
c. Do the floor plans show that Energy Storage Systems (ESS) ready requirements have been met?  i. Interconnection equipment or dedicated raceway  ii. Minimum of 4 branch circuits feeding refrigerator, one lighting circuit near the primary egress, and a sleeping room receptacle  iii. Main panel busbar rating of 225 amps minimum  iv. Sufficient space for installation of a transfer switch within 3 ft of the main panel  (ES150.0(s))			
d. Where (N) gas appliances are to be installed, do the floor plans/electrical plans show that electric ready requirements have been met? (ES150.0)			
i. For a (N) gas water heating system, has space been designated for a future heat pump water heater? (2.5 ft x 2.5 ft x 7 ft) Have electrical requirements for a future HPWH been provided? (240v/20amp or 240v/30amp circuit depending on location, labeled "For Future 240V Use")			
<ul> <li>For a (N) gas furnace, have electrical requirements for a future electric heat pump been provided? (240v/30amp circuit labeled "For Future 240V Use")</li> </ul>			
<ul> <li>For a (N) gas cooktop, have electrical requirements for a future electric cooktop been provided? (240v/50amp circuit labeled "For Future 240V Use")</li> </ul>			
<ul> <li>iv. For a (N) gas clothes dryer, have electrical requirements for a future electric clothes dryer been provided? (240v/30amp circuit labeled "For Future 240V Use")</li> </ul>			
T24.8. If (N) light fixtures are provided in bathrooms, garages, laundry rooms, utility rooms and walk-in closets, do the plans show that one (N) light in each applicable room with a vacancy sensor? Does it show all (N) lighting as high efficacy? (ES150.0(k))			
T24.9. Does the CF1R require a radiant barrier, if yes, is it called out on the cross sections?			
T24.10. Does the CF1R require a cool roof, if yes, is it called out on the cross sections and product specifications provided?			
If any design elements for the project deviate from prescriptive design please provide a written description of each item. You necessary.	may add	d additi	onal sheets if

## **ADDITIONAL INFORMATION**

## City of Oxnard Building Department Handouts

https://www.oxnard.gov/community-development/building-engineering/building-construction-handouts

To use the QR code on the right, open the camera app on your phone, hold your phone so that the QR code appears in view, then tap on the notification to open the link to view the Building Department Handouts.



For more detailed information concerning specific requirements for Jr. ADUs, refer to the handout <u>Junior Accessory Dwelling Unit Requirements</u>, available online through the link above.