

# CITY OF YORBA LINDA

## 4845 Casa Loma Avenue Yorba Linda, California 92886

Building Division (714) 961-7120

### Residential Window and Door Replacement

- A. Residential Window and door replacements shall comply with the 2019 California Residential Code (CRC) and the 2019 California Energy Efficiency Standards.
- B. All replacement windows and glazed doors shall comply with the Mandatory Measures and Prescriptive measure requirements of the California Energy Code: U of 0.30 max. (Window), U of 0.20 max. (Door), SHGC of 0.23 max. Labels provided with window(s) & doors must be present for final inspection.
- C. Provide 4% minimum operable area into the room for ventilation and 8% minimum glazed area in habitable rooms. (R303.1 CRC)
- D. Exterior windows in sleeping rooms must provide a net clear opening width of not less than 20 in. and net clear opening height of not less than 24 in. A minimum clear open area of 5.0 S.F. at grade level or basement and 5.7 S.F. at 2<sup>nd</sup> floor shall be provided. Sill height shall be 44" maximum above the floor. (R310 CRC)
- E. Exterior windows at 2<sup>nd</sup> floor where the lowest part of the clear opening is less 24" above the finished floor and greater than 72" above the finished grade or surface below on the exterior of the building, the operable sections of windows shall meet one of the followings: (R312.2 CRC)
  - a. Openings shall not allow a 4 in. diameter sphere to pass through.
  - b. Equipped with window fall prevention devices per ASTM F2090.
  - c. Equipped with window opening control devices per ASTM F2090.
- F. Exterior windows and glazed doors for properties located within the fire hazard severity zone or wildland urban interface fire area shall be multi-pane glazing with a min. of one tempered pane. (R337 CRC)
- G. Glazing installed in windows and doors shall meet the requirements for hazardous locations as specified in CRC Section R308.4. Laminated, tempered or other approved safety glazing is required in the hazardous following locations:
  - a. Glazing in doors, swinging, sliding or bi-fold.
  - b. Glazing in windows adjacent to doors within 24" of either edge of the door and less than 60" above the walking surface.
  - c. Glazing within 5 feet from pool or spa.
  - d. Glazing in windows at shower or bathtub and stair landings less than 60" above a standing surface.
  - e. See Section R308 for more information on the hazardous locations.
- H. When valuation of the alteration exceeds \$1,000, smoke detector shall be installed in all sleeping rooms, in all areas giving access to the sleeping rooms and on each additional story of the dwelling. Carbon monoxide alarms shall be installed outside each sleeping area and on each level of the living unit. (R314.8.2 & R315.2).
- I. Replacement windows or doors that alter the existing building moisture barrier must provide the following: (R703.7 CRC)
  - a. Door/window frames must be caulked to provide a moisture seal.
  - b. Flashing material must be placed around the opening over window and door flanges.
  - c. Any exterior lath requires two layers of Grade D paper or 60-minute building paper backing must be installed at all exterior walls with stucco covering or siding. Each stage of the exterior **wall surface replacement must be inspected** before covered. Caulking, lath and backing building paper must be inspected prior to installation of the stucco scratch coat. Both the brown and finish coats require separate inspections. Caulking, flashing and 60-minute building paper backing must be inspected prior to installation of siding.

### INSTRUCTION:

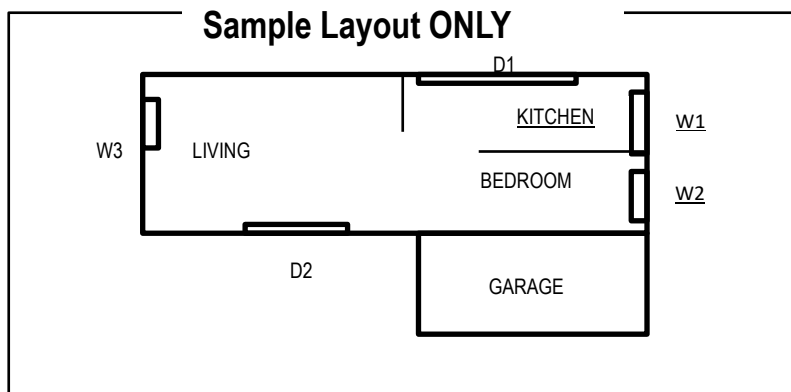
**In the spaces provided below, sketch a floor plan of all levels of the existing house where doors and/or windows are to be replaced. List the use of all rooms on each floor layout, show the locations and provide dimensions of all existing/replacement windows/doors in the exterior walls. Complete window/door schedule at the bottom. Refer to examples on the left for more information.**

#### 1ST FLOOR LAYOUT

#### 2ND FLOOR LAYOUT

PLEASE NOTE: New and enlarged openings for windows and doors require a State of California registered Engineer to analyze framing, and lateral system requirements. Stamped calculations and plans must be provided for new door or window.

#### Sample Layout ONLY



#### Sample Window and Door Schedule ONLY

Door	Window	Existing Size & Type	New/Replacement Size & Type
D1(WxH)		3 <sup>0</sup> x 6 <sup>8</sup>	3 <sup>0</sup> x 6 <sup>8</sup>
D2 (WxH)		6 <sup>0</sup> x 6 <sup>8</sup> Slider	6 <sup>0</sup> x 6 <sup>8</sup> French Door
	W1 (WxH)	4 <sup>0</sup> x 3 <sup>6</sup> Slider	8 <sup>0</sup> x 6 <sup>8</sup> Slider
	W2 (WxH)	4 <sup>0</sup> x 3 <sup>6</sup> Slider	4 <sup>0</sup> x 5 <sup>0</sup> Casement
	W3 (WxH)	5 <sup>0</sup> x 3 <sup>0</sup> Slider	5 <sup>0</sup> x 3 <sup>0</sup> Single Hung

#### Window and Door Schedule

Door	Window	Existing Size & Type	New/Replacement Size & Type

Owner's Name: \_\_\_\_\_

Project Address: \_\_\_\_\_

Phone No: \_\_\_\_\_

Applicant's Name: \_\_\_\_\_

Applicant's Signature: \_\_\_\_\_