



## City of La Puente

### Division of Building and Safety

## WINDOW AND DOOR REPLACEMENT REQUIREMENTS

### INTRODUCTION

All Window and exterior door replacements require a building permit regardless of how they are classified. A simple floor and plot plan is required for planning review and permit issuance. Show existing window and replacement window sizes and type. Replacement windows must comply with the prescriptive requirements. A maximum U-Factor of .67 is required in climate zone 6. List on the plan the SHGC (solar heat gain coefficient) and U-Factor as required by the 2005 California Energy Efficiency Standards.

Additional requirements when changing a window to a sliding door are:

1. A landing is required. A minimum of 3 feet out and at least the door width.
2. Landings shall be at the same elevation on each side of the door or per exceptions, exterior landings may have a slope not to exceed .25 units vertical in 12 units horizontal (2%) CBC 1008.1.4.
3. A maximum variation of materials may not exceed ½”.
4. Exterior lighting required. A switch and light is required outside each outdoor entrance or exit.
5. Moving the electrical wiring to allow a new door and adding the required lighting will require an electrical permit.

### MINIMUM WINDOW REQUIREMENTS

The City of La Puente Building and Safety Department defines a sleeping room as: any room used or that could be used as a sleeping room, excluding bath, kitchen, and dining rooms.

At least one window in each bedroom must be of sufficient size to permit the occupants to escape a fire and also to allow a fully outfitted firefighter to enter.

- Minimum width of opening - 20 inches
- Minimum height of opening - 24 inches
- Minimum net clear opening: 5.7 sq. ft.
- Minimum net clear opening 5.0 sq. ft. for ground floor
- Maximum sill height above floor: 44 in.

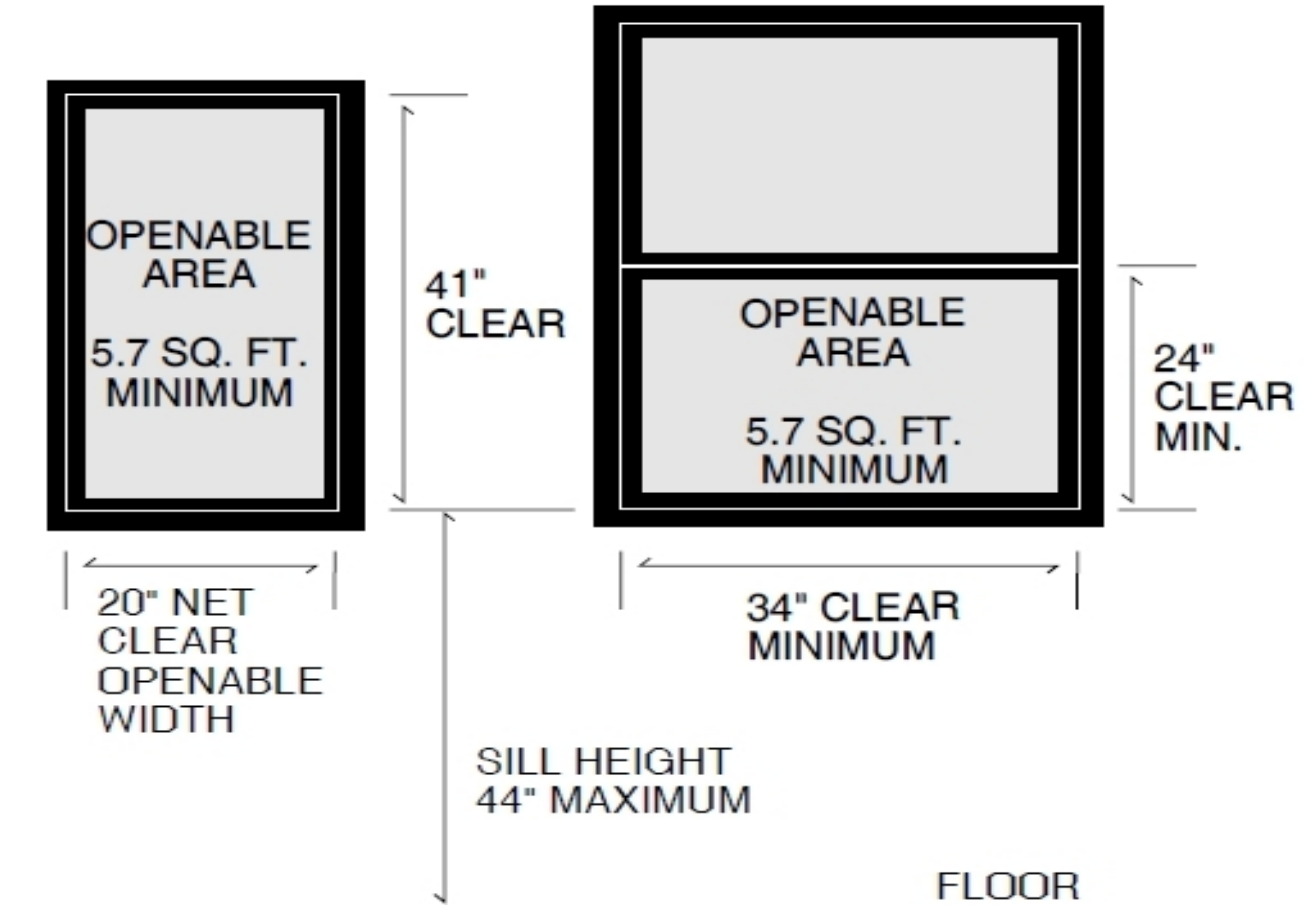
Window where the opening of the sill portion of the operable window is located more than 72” above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24” above the finished floor surface of the room in which the window is located. Glazing between the floor and a height of 24” shall be fixed or have openings such that a 4” diameter sphere may not pass. (CBC 1405.12.2)

- All habitable rooms shall have windows with their total areas equaling at least 8% of the room’s floor area and with their total operable area equaling at least 4% of the room’s floor area. CBC 1205.2.
- All windows require a California Energy Commission certification label.
- Maintain or replace weather resistive barriers. Inspection is required to verify compliance.
- Bay windows and similar assemblies require the manufacturer’s listed (UL, ICC, or equivalence) installation instructions for permit issuance.
- Glass in doors needs to be tempered glass and glass in windows need to be tempered glass if within 24 inches of a door swing or within 18 inches of the floor.

**INSPECTIONS REQUIRED**

1. Framing and Window flashing (see Stucco and Flashing handout)
2. Stucco lath repair (see Stucco and Flashing handout)
3. Rough electrical, if moving outlet or adding a switch and outside light prior to covering with insulation and/or drywall.
4. Final inspection

**TYPICAL OPENABLE WINDOW DIAGRAM**



**Note:** Using both the minimum sizes for width and height will not obtain the required minimum area (5.7 sq. ft.) The above chart shows the minimum area for a given width or height. This area is larger than the minimum required for ventilation

Minimum sizes are mandated by the 2007 California Building Code, section 1026.2.

**SAMPLE MINIMUM WIDTH / HEIGHT REQUIREMENTS FOR EGRESS WINDOWS**

(Dimensions are inches)	20	20.5	21	21.5	22	22.5	23	23.5	24	24.5	25	25.5	26	26.5	27
WIDTH															
HEIGHT	41	40	39.1	38.2	37.3	36.5	35.7	34.9	34.2	33.5	32.8	32.2	31.6	31	30.4
WIDTH	27.5	28	28.5	29	29.5	30	30.5	31	31.5	32	32.5	33	33.5	34	34.5
HEIGHT	29.8	29.3	28.8	28.3	27.8	27.4	26.9	26.5	26.1	25.7	25.3	24.9	24.5	24.1	24