INSTRUCTIONS:
Complete the table below noting the complete scope of work. The numbering system can be used to reference locations of proposed work on the plan. Use the code information on the back of this sheet to verify that your proposed construction meets code requirements. If you need assistance see our “WINDOW REPLACEMENT- SAMPLE PLAN” handout or a permit technician. Note: The City of Seal Beach requires a building permit for all window replacements.

WINDOW TYPES:

<table>
<thead>
<tr>
<th>Casement (CAS)</th>
<th>Single Hung (SH)</th>
<th>Double Hung (DH)</th>
<th>Slider (SLDR)</th>
<th>Slider fixed center panel (SLDR XOX)</th>
<th>Fixed (FIX)</th>
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WORKSHEET

<table>
<thead>
<tr>
<th>ADDRESS</th>
<th>PERMIT #</th>
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<table>
<thead>
<tr>
<th>EXISTING WINDOW SIZE &amp; TYPE</th>
<th>NEW WINDOW SIZE &amp; TYPE</th>
<th>WINDOW AREA</th>
<th>LOCATION (ROOM)</th>
<th>SAFETY GLAZING (Yes/No)</th>
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Total Square Footage of Window Area_____________________

Submission of this form is not a guarantee that the above stated windows will meet the code requirements. Final determination will be made by the Building Official at the time of inspection.
CODE REQUIREMENTS:

1. LIGHT AND VENTILATION:

   HABITABLE ROOMS:
   • shall be provided with natural light by means of exterior glazed openings with an area not less than 8% of the
     floor area of such rooms. The kitchen may be provided with artificial light.
   • shall be provided with natural ventilation by means of openable openings with an area not less than 4% of the
     floor area of such rooms.

   NON-HABITABLE ROOMS (Bathrooms, water closet compartments, laundry rooms and similar rooms):
   • shall be provided with natural ventilation by means of openable exterior openings with an area of not less than 4% of
     the floor area of such rooms.
   
   Exemption: Bathrooms containing a bathtub shower or combination thereof; laundry rooms, and similar rooms, a
   mechanical ventilation system connected directly to the outside capable of providing an exhaust rate of 50 CFM
   may be used.

2. EMERGENCY EGRESS WINDOWS:

   Section 1026 requires that every sleeping room shall have at least one operable window or door approved for emergency
   escape or rescue that shall open directly into a public street, public alley, yard or exit court. The emergency door or window
   shall:
   • be operable from the inside to provide a full, clear opening without the use of separate tools;
   • have a minimum net clear openable area of 5.7 square feet (820.8 sq. in.)
   Exception: The minimum net clear opening for emergency escape and rescue grade floor openings shall be 5 sq. ft.
   • have a minimum net clear openable height of 24 inches
   • have a minimum net clear width of 20 inches
   • have a finished sill height of not more than 44 inches above finish floor

   NOTE: Even though a window may meet the vertical and horizontal measurements, it may not meet the
   opening requirements of 5.7 sq. ft. Close and accurate measurements must be taken before installing windows.

   COMPLYING WINDOW SIZES

   Window sizes shown will be the minimum allowed for egress unless manufacturer’s data is supplied.

<table>
<thead>
<tr>
<th>Single Casement</th>
<th>Single/Double Hung</th>
<th>Slider</th>
<th>XOX Slider</th>
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</thead>
<tbody>
<tr>
<td>2-4 x 4-0</td>
<td>3-0 x 5-0</td>
<td>4-0 x 4-0</td>
<td>8-0 x 4-0</td>
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<tr>
<td>2-6 x 3-6</td>
<td>3-4 x 5-0</td>
<td>5-0 x 3-6</td>
<td>10-0 x 4-0</td>
</tr>
<tr>
<td>Double Casement</td>
<td>6-0 x 3-0</td>
<td>12-0 x 3-0</td>
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</table>

   Sizes shown are taken from data supplied by window manufacturers, however these are general dimensions. It is
   the owner’s responsibility to verify that the actual windows installed meet the minimum egress requirements.

   Awning, bay with fixed center glazing, single fixed combination window and other types not mentioned above
   require manufacturer’s information if they are to be used to emergency egress requirements.

3. IMPACT OR HAZARD GLAZING (TEMPEERED GLASS):

   Tempered or safety glazing shall be required where glazing is:
   • within a 24 inch arc on either side of a door
   • in windows that are within 18 inches of the floor
   • in windows in a stairwell or within 5 feet of the landings and less than 60 inches above the floor
   • in a door
   • enclosing a tub or shower where the bottom of the window is less than 60 inches above the tub or shower bottom
   • in walls and fences used as a barrier for swimming pools and spas where the glazing is less than 60 inches above
     the pool deck and within 5 feet of the pool edge.

4. ENERGY REQUIREMENTS:

   All new windows and window replacement must meet the following minimum energy requirements:

   U-factor: Climate zone 6 maximum U-factor of .40
   SHGC: Climate zone 6 maximum SHGC of .40
SEAL BEACH BUILDING AND SAFETY
HELP FOR THE HOMEOWNER

WINDOW REPLACEMENT - SAMPLE SITE PLAN

PREPARATION OF PLAN:
This information is the Development Services Permit Center.
This information is the instructions on sheets one and two. The submittal window replacement. Follow the instructions on one and two. Then submit on a 8 1/2 x 11, white, 80 lb., bond paper. (Although the plan is not in communication between yourself, the inspectors, and the plan checkers.

INSTRUCTIONS:
1. Show the property size, configuration, street, and alley locations.
2. Show all buildings, enclosures, setbacks, and any easements.
3. Draw the floor plan of the structure. Note the use of each room. Indicate the size of the room and the type of each room. If a window will be removed, the size of the window will be replaced. If a window will be removed, the size of the window will be replaced.
4. Show all existing windows and note which will be replaced.
5. Locate to the side of the room on the sample plan. Show the type and height of the window or the sample plan. Show the type and height of the window.

REMOVAL OF WINDOWS:
Replacement of windows must be shown. (See the window code requirements.) The windows must meet minimum light and ventilation requirements. Special cases:

1. Show room size and size of all other windows in the room.
2. Show all buildings, enclosures, setbacks, and any easements.
3. Draw the floor plan of the structure. Note the use of each room. Indicate the size of the room and the type of each room. If a window will be removed, the size of the window will be replaced.
4. Show all existing windows and note which will be replaced.
5. Locate to the side of the room on the sample plan. Show the type and height of the window or the sample plan. Show the type and height of the window.

EMERGENCY EGRESS, LIGHT, AND VENTILATION REQUIREMENTS:
Emergency egress windows must provide compliance to emergency egress requirements. Emergency egress windows must have at least one room area required by building code to meet minimum light and ventilation requirements.

1. Remove the egress windows from your specific case.
2. Remove the egress windows from your specific case.
3. Remove the egress windows from your specific case.
4. Remove the egress windows from your specific case.
5. Remove the egress windows from your specific case.

SCALE:
1/8" = 1'-0"