



**City of Huntington Beach**  
 Department of Community Development  
**MECHANICAL PLAN REQUIREMENTS**  
 2000 Main Street, Huntington Beach, CA 92648  
 Office: (714) 536 - 5241 Fax: (714) 374 - 1647

<b>RESIDENTIAL</b>	<b>COMMERCIAL</b>
<p><u>RESIDENTIAL</u>-<i>Single Family Dwellings, Multi-Family Dwellings and all Additions, Plan Check is Required.</i></p>	<p><u>COMMERCIAL CONSTRUCTION</u> Plans are required for all Mechanical work.</p>
<p>See the reverse side of this form for waiver information.</p>	<p>See the reverse side of this form for waiver information.</p>
<p><u>RESIDENTIAL &amp; MULTI- RESIDENTIAL</u>  <input checked="" type="checkbox"/> Plans submitted must include the following: A completed Permit Application Form for each address showing all line items marked. Two sets of plans (matching) for each address or model design.</p>	<p><u>COMMERCIAL</u>  <input checked="" type="checkbox"/> Plans submitted must include the following: A completed Permit Application Form for each address showing all line items marked. Two sets of plans (matching) for each address.</p>
<p><input checked="" type="checkbox"/> Mechanical plans shall include: Equipment schedule of all mechanical appliances installed (furnaces, ventilation fans, fireplaces, cooking hoods, etc.) A scaled detailed duct layout with adherence to State Energy requirements, including duct sizes and materials. All fireplaces, ventilation fans, laundry and kitchen exhaust, including termination points shall be shown on plans. Air-conditioning condenser locations and access to equipment must also be included. A correction check list is available.</p>	<p><input checked="" type="checkbox"/> Mechanical plans shall include A scaled detailed duct layout with CFM values, size and materials with adherence to State Energy requirements. This shall include Title 24 mechanical calculations for all new HVAC systems and any additional duct work or equipment] on existing system. Plans shall include details of all rated wall and floor/ceiling penetrations including fire/smoke dampers. Refrigeration machinery room details, including vapor alarm system are required. Complete boiler room elevation required for boiler room (hot water and/or steam). Condensate control and service access must be shown. All refrigeration machinery and machinery rooms must be shown with refrigerant type used and line set distances. A roof detail is required on all mechanical plans with rooftop equipment and/or roof penetrations. Equipment placement must be verified with structural approval. All hood plans must have calculations. A correction check list is available.</p>

Any questions on plans may be discussed at the Building counter located at City Hall 2000 Main St., Third floor, or by Telephoning the Building Division at (714) 536-5241. Normal working hours are Monday thru Friday 8:00 A.M. to 5:00 P.M.; Closed from 12:00 P.M. - 1:00 P.M.