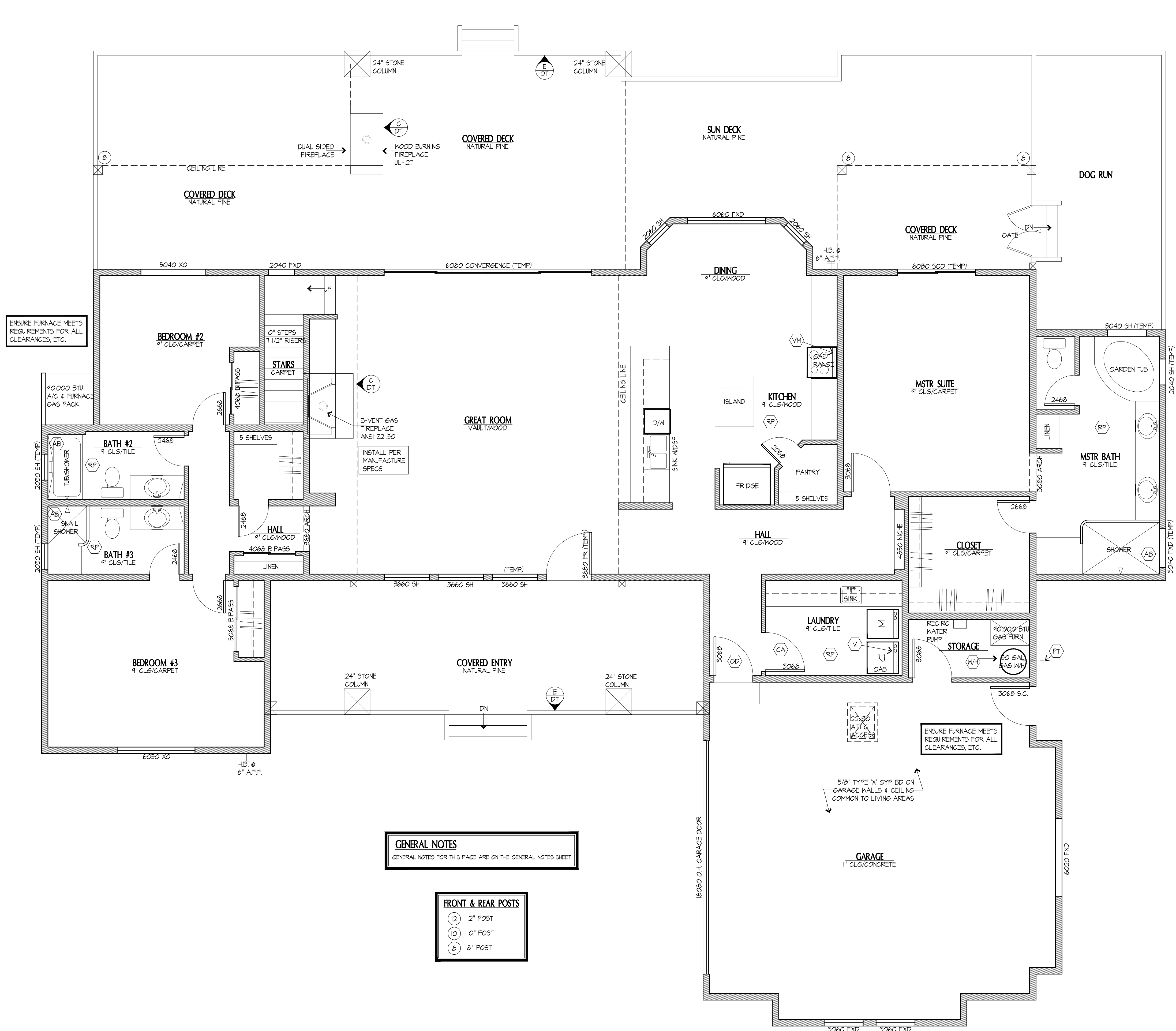


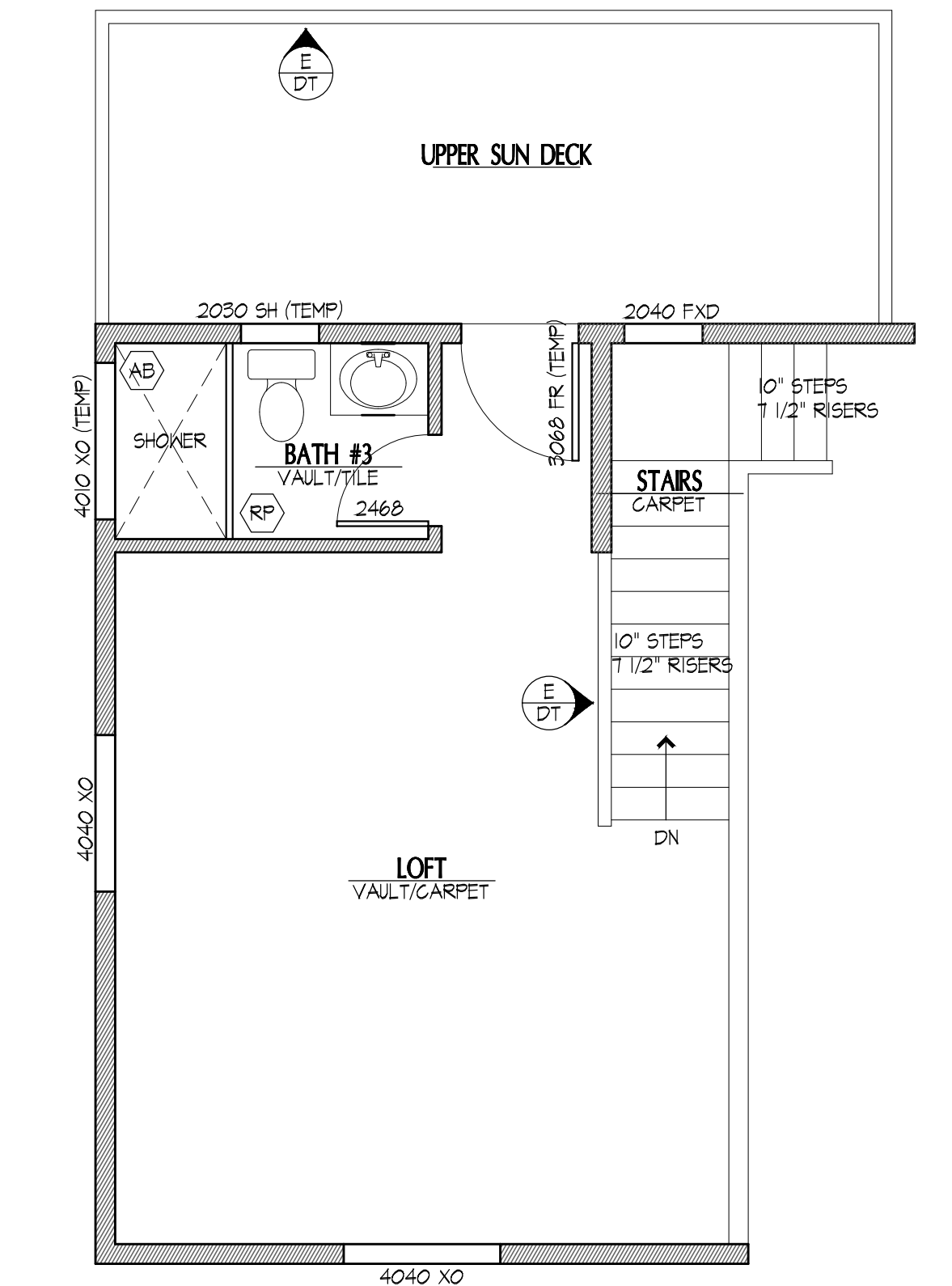
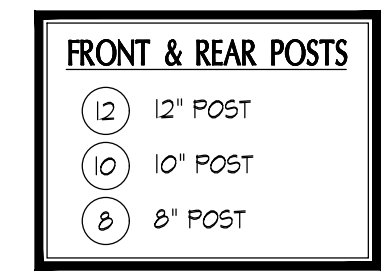
ENSURE FURNACE MEETS REQUIREMENTS FOR ALL CLEARANCES, ETC.

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MAIN FLOOR PLAN



GENERAL NOTES
GENERAL NOTES FOR THIS PAGE ARE ON THE GENERAL NOTES SHEET



LOFT FLOOR PLAN

<p>GD GARAGE DOOR 1-3/8" SOLID CORE W/ TIGHT FITTING W/ GASKET & SWEEP, SELF CLOSING DOOR</p>	<p>RP HOT WATER / RECIRC PUMP R403.5.2 - DEMAND RECIRCULATION WATER SYSTEMS, THE CONTROLS SHALL START THE PUMP UPON RECEIVING A SIGNAL FROM THE ACTION OF A USER OF A FIXTURE OR APPLIANCE, SENSING THE PRESENCE OF A USER OF A FIXTURE OR SENSING THE FLOW OF HOT OR TEMPERED WATER TO A FIXTURE FITTING OR APPLIANCE. THE CONTROLS SHALL LIMIT THE TEMPERATURE OF THE WATER ENTERING THE COLD WATER PIPING TO NOT GREATER THAN 104°F (40°C) -IECC2018-</p>																																																								
<p>AB AIR BARRIER R402.4 AIR LEAKAGE (MANDATORY) THE BUILDING THERMAL ENVELOPE SHALL BE CONSTRUCTED TO LIMIT AIR LEAKAGE IN ACCORDANCE WITH THE REQUIREMENTS OF SECT R402.4.1 THROUGH R402.4.5.</p> <p>R402.4.1 BUILDING THERMAL ENVELOPE THE BUILDING THERMAL ENVELOPE SHALL COMPLY WITH SECT R402.4.1.1 AND R402.4.1.2. THE SEALING METHODS BETWEEN DISSIMILAR MATERIALS SHALL ALLOW FOR DIFFERENTIAL EXPANSION AND CONTRACTION.</p> <p>R402.4.1.1 INSTALLATION THE COMPONENTS OF THE BUILDING THERMAL ENVELOPE AS LISTED IN TABLE R402.4.1.1 SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND THE CRITERIA LISTED IN TABLE R402.1.1, AS APPLICABLE TO THE METHOD OF CONSTRUCTION. WHERE REQUIRED BY THE BUILDING OFFICIAL, AN APPROVED THIRD PARTY SHALL INSPECT ALL COMPONENTS AND VERIFY COMPLIANCE.</p> <p>EXTERIOR WALL ADJACENT TO SHOWERS AND TUBS SHALL BE INSULATED AND THE AIR BARRIER INSTALLED SEPARATING THEM FROM THE SHOWERS AND TUBS. -IECC 2018-</p>	<p>WH WATER HEATER PAN 504.7 - INSTALL WATER HEATER DRAIN PAN (GALVANIZED STEEL OR ALUMINUM) ON 1/8" HIGH PLATFORM. THE PAN SHALL BE NOT LESS THAN 1-1/2" IN DEPTH AND SHALL BE OF SUFFICIENT SIZE AND SHAPE TO RECEIVE ALL DRIPPING OR CONDENSATE FROM THE TANK OR WATER HEATER. THE PAN SHALL BE DRAINED BY AN INDIRECT WASTE PIPE HAVING A DIAMETER OF NOT LESS THAN 3/4 INCH AND TERMINATE NOT LESS THAN 6 INCHES FROM THE EXTERIOR OF THE BUILDING AND NOT MORE THAN 24 INCHES ABOVE THE ADJACENT GROUND SURFACE. -IPC2018-</p>																																																								
<p>PT P. & T. R.V. PRESSURE & TEMPERATURE RELIEF VALVE INSTALLED AT 6' ABOVE FINISHED FLOOR. -IRC2018-</p>	<p>VM VENT HOOD W/MICROWAVE M1809.2.1 - THE FAN FOR OVERHEAD RANGE HOODS OR DOWNDRAFT EXHAUST EQUIPMENT NOT INTEGRAL WITH THE COOKING APPLIANCE SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL507 M1809.2.4 - MICROWAVE OVENS WITH INTEGRAL EXHAUST FOR INSTALLATION OVER THE COOKING SURFACE SHALL BE LISTED AND LABELED IN ACCORDANCE WITH UL423 -IRC2018-</p>																																																								
<p>V DRYER VENT DRYER VENT TO BE INSTALLED THROUGH THE FLOORING IF HOUSE IS ON CRAWL SPACE. IF HOUSE IS ON CONCRETE SLAB, VENT TO BE INSTALLED DIRECTLY TO OUTSIDE TO THE NEAREST EXTERIOR WALL.</p> <p>IRC M 1502.4.1 - EXHAUST DUCTS SHALL HAVE A SMOOTH INTERIOR FINISH AND SHALL BE CONSTRUCTED OF METAL NOT LESS THAN 0.0151 INCH (395.0mm) IN THICKNESS. THE DUCT SHALL BE 4 INCHES NOMINAL IN DIAMETER.</p> <p>IRC M 1502.4.2 - EXHAUST DUCTS SHALL BE SUPPORTED AT INTERVALS NOT TO EXCEED 12 FEET (3658mm) AND SHALL BE SECURED IN PLACE. THE INSERT END OF THE DUCT SHALL EXTEND INTO THE ADJOINING DUCT OR FITTING IN THE DIRECTION OF AIRFLOW. EXHAUST DUCT JOINTS SHALL BE SEALED IN ACCORDANCE WITH SECTION M601.4.1 AND SHALL BE MECHANICALLY FASTENED. DUCTS SHALL NOT BE JOINED WITH SCREWS OR SIMILAR FASTENERS THAT PROTRUDE MORE THAN 1/8 INCH (3.2mm) INTO THE INSIDE OF THE DUCT. WHERE DRYER EXHAUST DUCTS ARE ENCLOSED IN WALL OR CEILING CAVITIES, SUCH CAVITIES SHALL ALLOW THE INSTALLATION OF THE DUCT WITHOUT DEFORMATION.</p> <p>IRC M 1502.4.3 - TRANSITION DUCTS USED TO CONNECT THE DRYER TO THE EXHAUST DUCT SYSTEM SHALL BE LIMITED TO SINGLE LENGTHS, NOT TO EXCEED 8' AND SHALL BE LISTED AND LABELED IN ACCORDANCE WITH US2150A. TRANSITION DUCTS SHALL NOT BE CONCEALED WITHIN CONSTRUCTION.</p> <p>IRC M 1502.4.5.1 - THE MAXIMUM LENGTH OF A CLOTHES DRYER EXHAUST DUCT SHALL BE 35 FEET FROM THE CONNECTION TO THE TRANSITION DUCT FROM THE DRYER TO THE OUTLET TERMINAL. WHERE FITTINGS ARE USED, THE MAXIMUM LENGTH OF THE DUCT SHALL BE REDUCED 2.5 FEET FOR EACH 45-DEGREE BEND AND 5' FOR EACH 90-DEGREE BEND. THE MAXIMUM LENGTH OF THE EXHAUST DUCT DOES NOT INCLUDE THE TRANSITION DUCT. -IRC2018-</p>	<p>CA COMBUSTION AIR VENTS PROVIDE (2) AIR VENT WHICH PROVIDE 100 SQ. INCHES OF NET FREE AREA EACH. ONE SHALL BE PLACED WITHIN 12" OF THE CEILING AND THE OTHER WITHIN 12" OF FLOOR</p>																																																								
<p>WATER CALCULATIONS</p> <table border="1"> <thead> <tr> <th>TYPE OF FIXTURE</th> <th># OF UNITS</th> <th># OF FIXTURES</th> <th>TOTAL UNITS</th> </tr> </thead> <tbody> <tr> <td>WATER CLOSETS</td> <td>3</td> <td>4</td> <td>12</td> </tr> <tr> <td>SHOWER</td> <td>2</td> <td>3</td> <td>6</td> </tr> <tr> <td>TUB OR TUB/SHOWER</td> <td>4</td> <td>2</td> <td>8</td> </tr> <tr> <td>LAVATORY</td> <td>1</td> <td>5</td> <td>5</td> </tr> <tr> <td>KITCHEN SINK</td> <td>2</td> <td>1</td> <td>2</td> </tr> <tr> <td>DISH WASHER</td> <td>2</td> <td>1</td> <td>1</td> </tr> <tr> <td>ICE MAKER</td> <td>1</td> <td>1</td> <td>1</td> </tr> <tr> <td>HOSE BIBBS</td> <td>5</td> <td>2</td> <td>6</td> </tr> <tr> <td>WASHER</td> <td>4</td> <td>1</td> <td>4</td> </tr> <tr> <td>SERVICE SINK</td> <td>2</td> <td>1</td> <td>2</td> </tr> <tr> <td>BAR SINK</td> <td>1</td> <td>0</td> <td>0</td> </tr> <tr> <td>MOBILE HOME</td> <td>12</td> <td>0</td> <td>0</td> </tr> <tr> <td>TOTAL</td> <td></td> <td></td> <td>48</td> </tr> </tbody> </table>		TYPE OF FIXTURE	# OF UNITS	# OF FIXTURES	TOTAL UNITS	WATER CLOSETS	3	4	12	SHOWER	2	3	6	TUB OR TUB/SHOWER	4	2	8	LAVATORY	1	5	5	KITCHEN SINK	2	1	2	DISH WASHER	2	1	1	ICE MAKER	1	1	1	HOSE BIBBS	5	2	6	WASHER	4	1	4	SERVICE SINK	2	1	2	BAR SINK	1	0	0	MOBILE HOME	12	0	0	TOTAL			48
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