



How to Show Energy Code Information on the Plan

This pamphlet is one in a series that describes residential energy conservation requirements of the Oregon Residential Specialty Code and Structural Specialty Code. Other pamphlets in this series may be downloaded from Oregon Department of Energy web site at <http://egov.oregon.gov/ENERGY/CONS/Codes/cdpub.shtml> or local building departments or from Oregon Building Codes Division.

Using prescriptive options

The following drawings show typical components of residential buildings and energy details for each path in Table N1101.1(1), “Prescriptive Envelope Compliance” and each Additional Measure from Table N1101.1(2). The drawings are examples and show only energy code details.

Use the drawings and Tables N1101.1(1) to make sure all required conservation measures are shown on plans submitted to the building department. Identify the prescriptive path number on the plan.

Using residential thermal performance calculations

If Table 1104.1(1), “Residential Thermal Performance Calculations,” is used to demonstrate compliance with energy code, plan drawings should show “Proposed Alternative” conservation measures that are calculated to be thermally equivalent to “Standard Base Case” code measures.

Information presented in this publication supports the Oregon Residential Specialty Code. This publication does not include all code requirements. Refer to the code and check with your code official for additional requirements. If information in this publication conflicts with code or your local officials, follow requirements of code and your local officials.

For more information about the residential energy code, call the Building Codes Division at (503) 378-4133 or the Oregon Dept of Energy (503) 378-4040 in Salem or toll-free, 1-800-221-8035.

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Building Codes Division



Working with Oregonians to ensure safe building construction while supporting a positive business climate.



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Figure 1:
Code envelope details for Standard Base Case using Additional Measures 1, 2, 7, 8 and 9

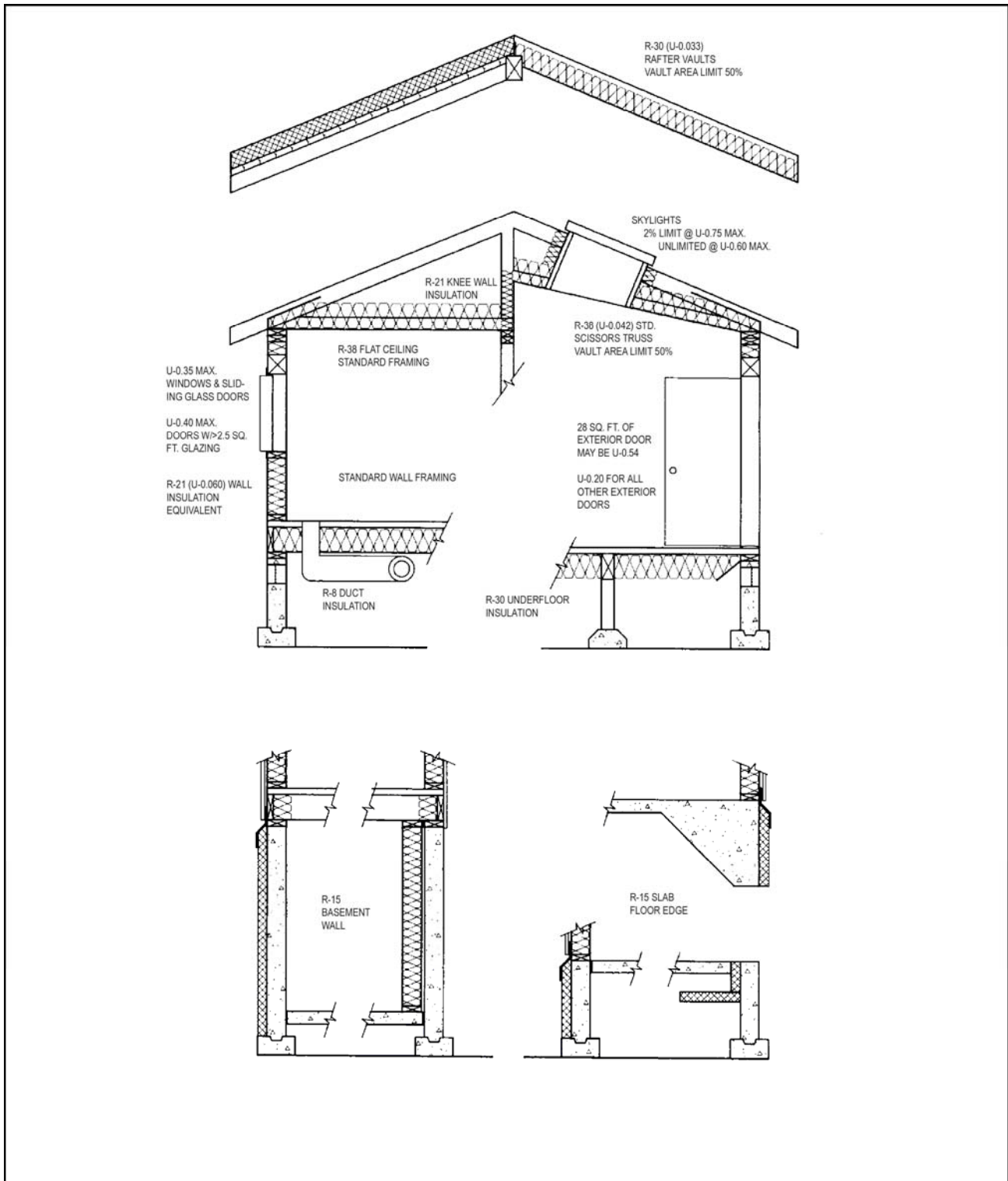


Figure 2:
Code envelope details for Standard Base Case using Additional Measure 3

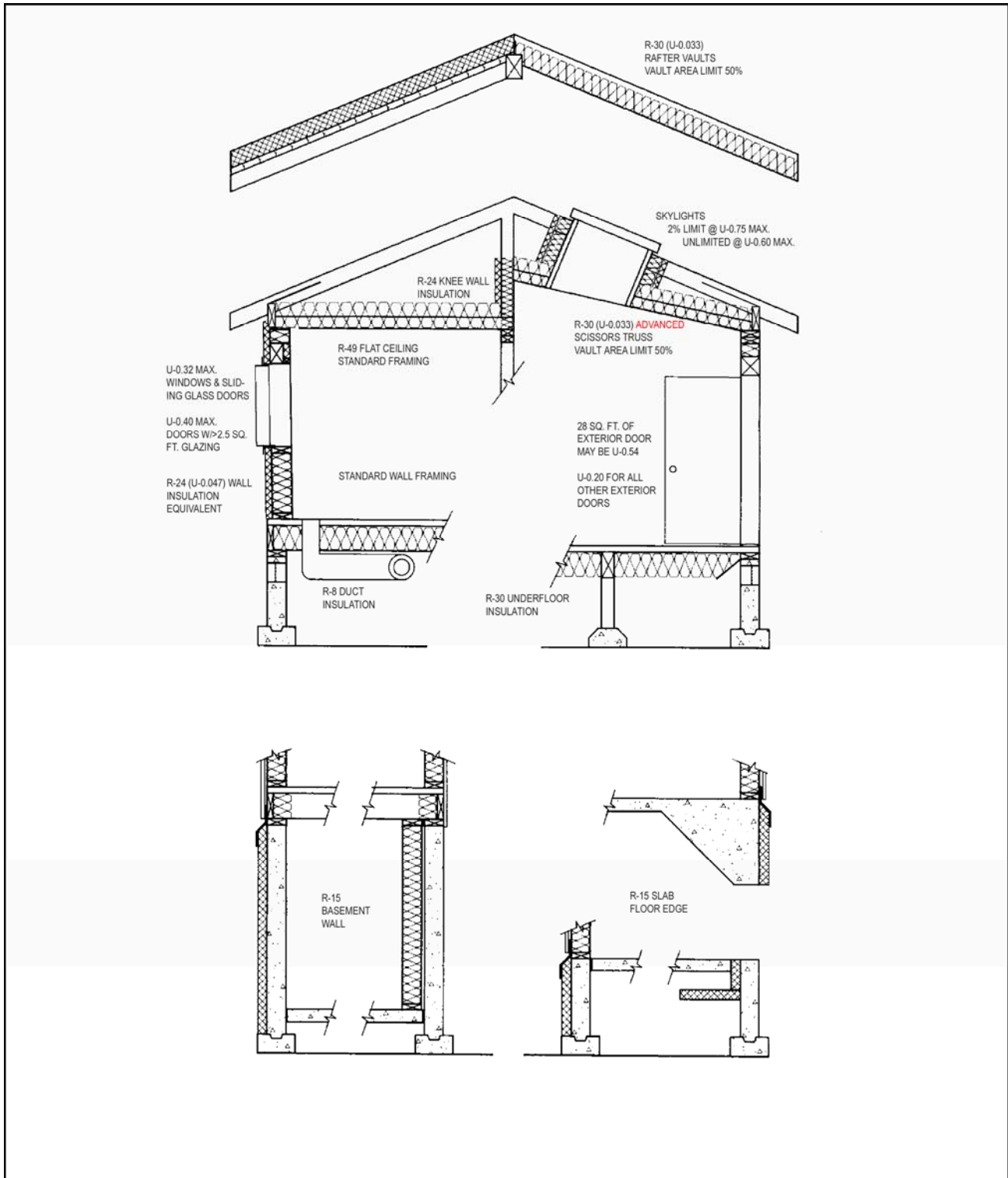


Figure 3:
Code envelope details for Standard Base Case using Additional Measure 4 incorporating windows

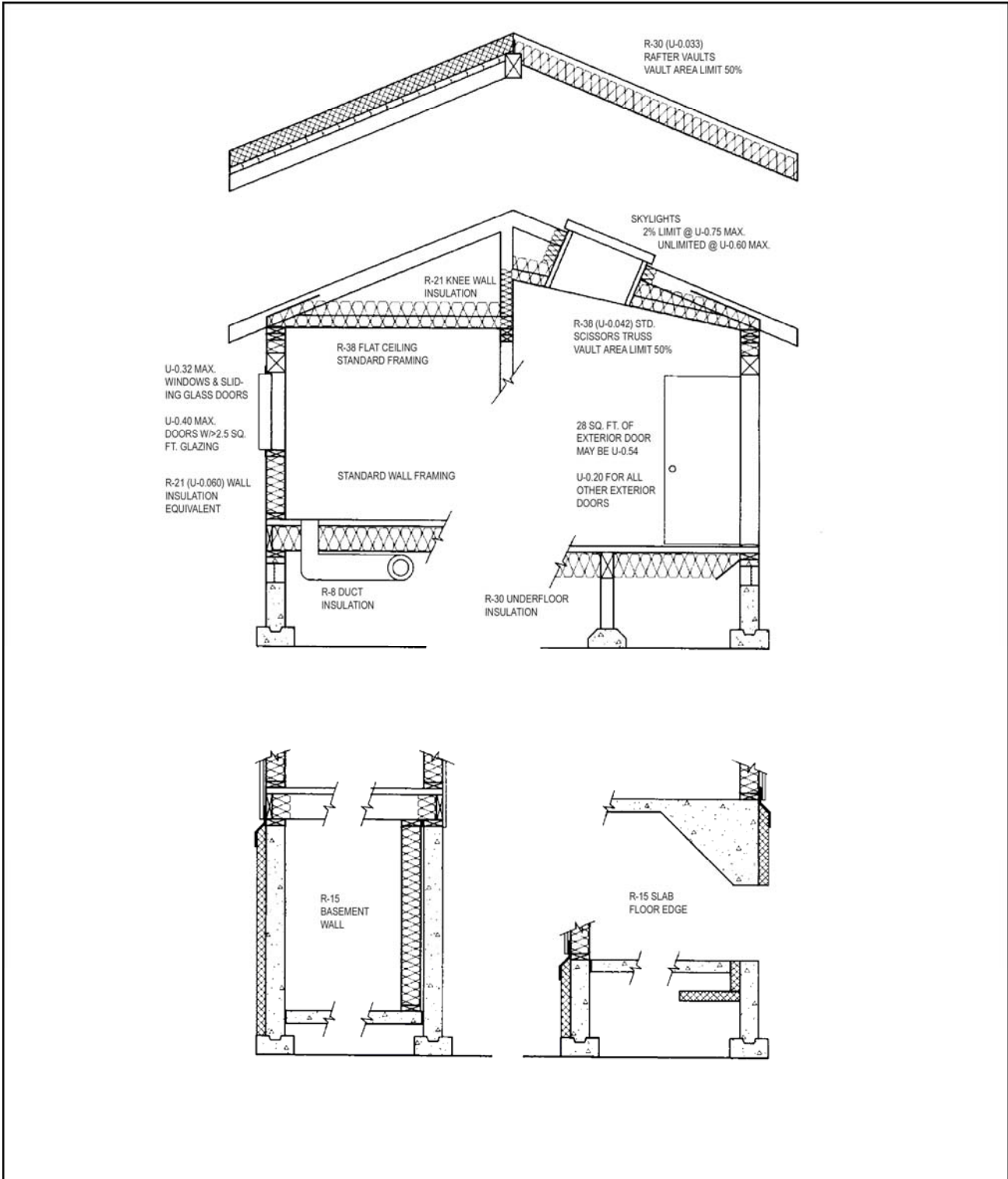


Figure 4:
Code envelope details for Standard Base Case using Additional Measure 4 incorporating ceilings

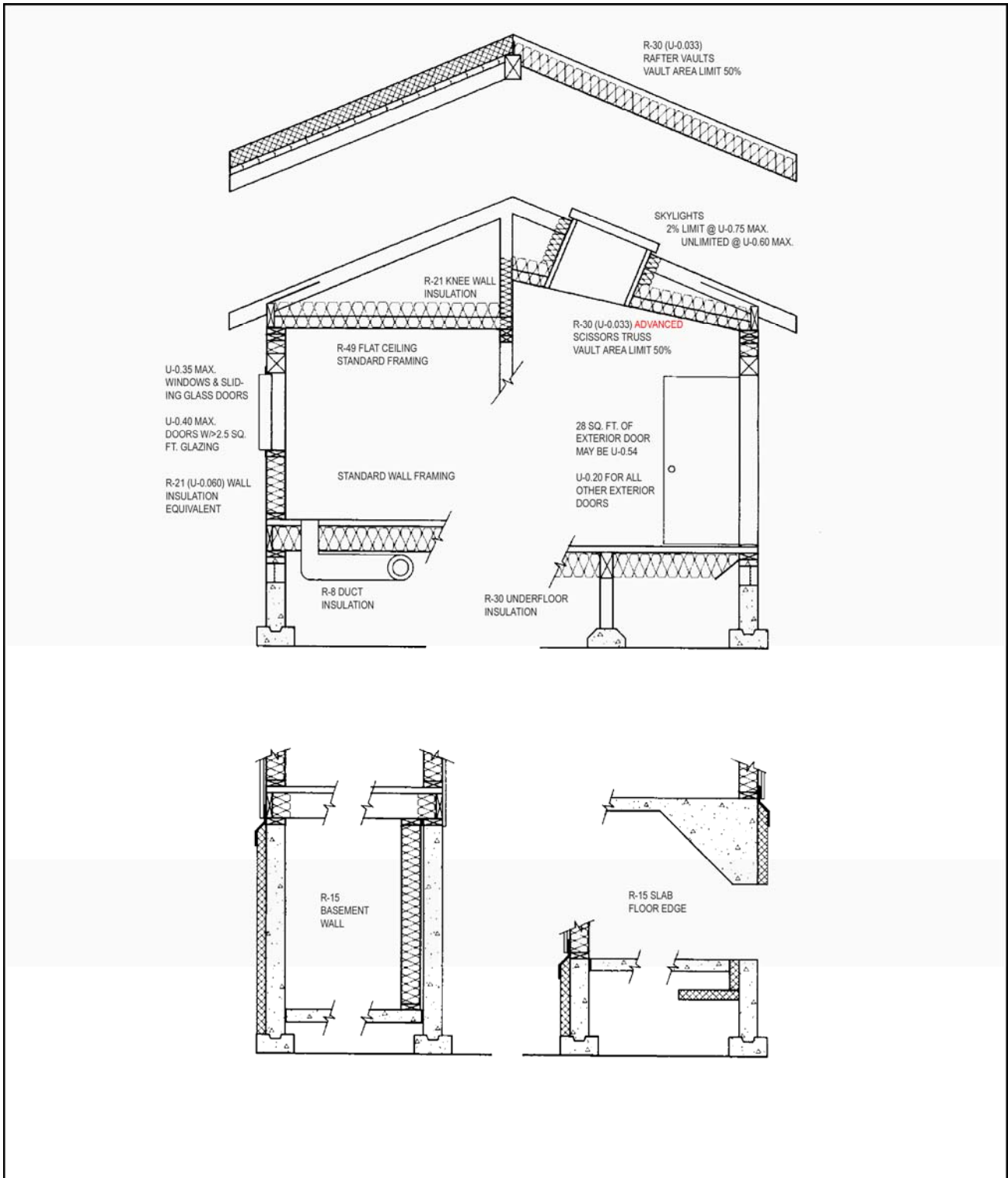


Figure 5:
Code envelope details for Standard Base Case using Additional Measure 4 incorporating walls

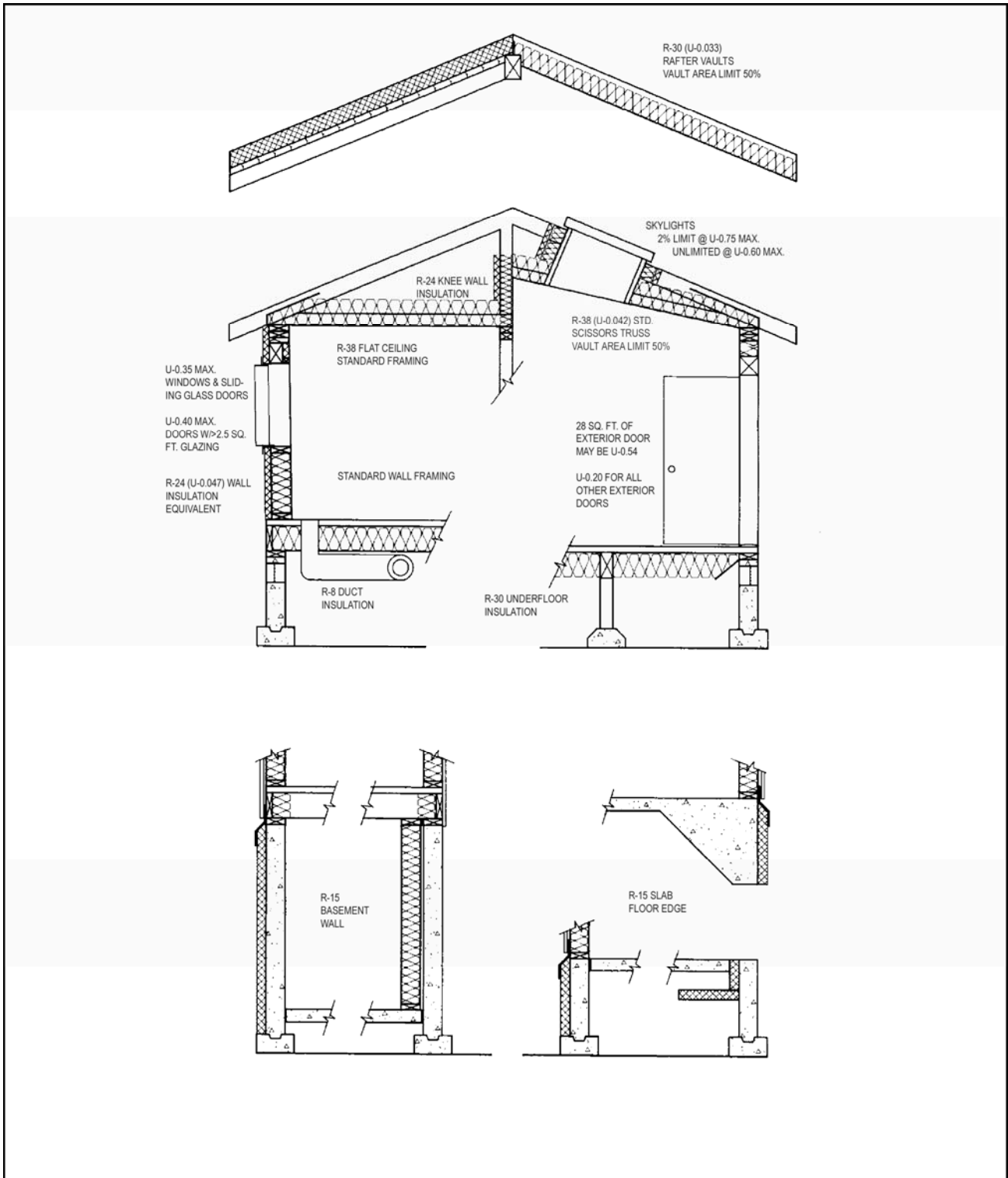


Figure 6:
Code envelope details for Standard Base Case using Additional Measures 5 and 6

