First Compartment (Inside)

Second Compartment (Outside)

Upper Layer

Upper Layer

1

$h_{o,4}$

3

$h_{o,1}$

$h_{o,5}$

Neutral Plane

$h_{o,2}$

H_{soffit}

$h_{o,6}$

Z_i

2

$h_{o,3}$

4

Z_o

Lower Layer

Lower Layer

H_{Sill}

**Opening or Vent Between
Inside and Outside Compartments**

Z = Layer Interface Height
H = Height of Sill or Soffit of Opening or Vent
$h_{o,i}$ **= Limits of Integration Associated with the Height of Individual Flow Areas (i.e. h_o x w) of Opening or Vent**
(Layer numbers refer to nomenclature used in text)