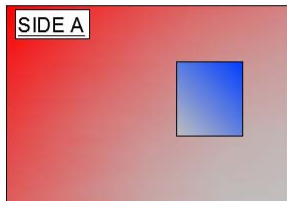
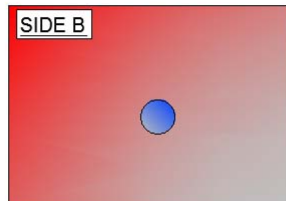


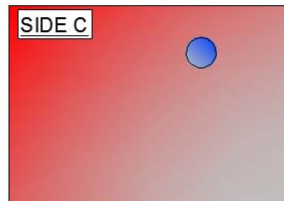
PLAN VIEW
OPENING SIZE = 0 sf



ELEVATION VIEW
OPENING SIZE = 10sf



ELEVATION VIEW
OPENING SIZE = 3sf



ELEVATION VIEW
OPENING SIZE = 2sf



ELEVATION VIEW
OPENING SIZE = 2sf

Example:

The given structure has 5 sides (including the roof) and has openings represented in blue. Each side is 20sf. Is this building Partially Enclosed?

CONDITION 1

Consider Side A:

- Side A has a 10 sf opening (A_o)
- Side B,C,D and the Roof has openings that sum up to $3+2+2 = 7sf$ (A_{oi})

Calculations:

- $A_o = 10sf.$
- $1.10A_{oi} = 1.10 * 7sf = 7.7sf$

Conclusion:

- $A_o > 1.10A_{oi}$ - Argument is **true**. $10sf > 7.7sf$, therefore **CONDITION 1 is satisfied!**

CONDITION 2

Calculations:

- $A_o > 4 sf$... Satisfied!
- $A_{oi} = 7sf$
- $A_{gi} = \text{Side B+C+D} + \text{Roof} = 4 * 20sf = 80sf$
- $A_{oi} / A_{gi} = 7sf / 80sf = .0875$

Conclusion:

- $A_{oi} / A_{gi} \leq 0.20$ - Argument is **true**. $0.0875 \leq 0.20$, therefore **CONDITION 2 is satisfied!**