

**Comments before the**

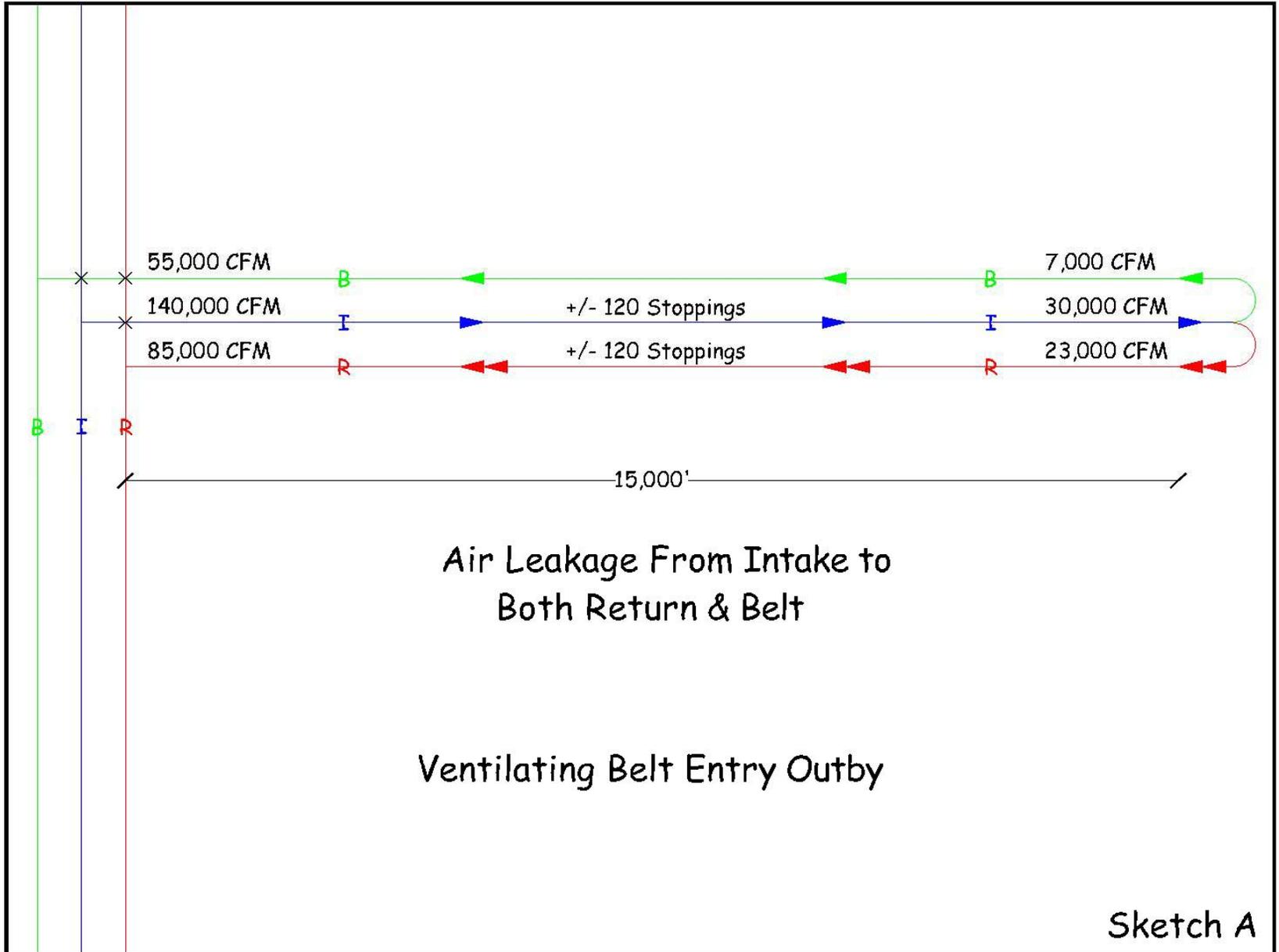
**Technical Study Panel on the**

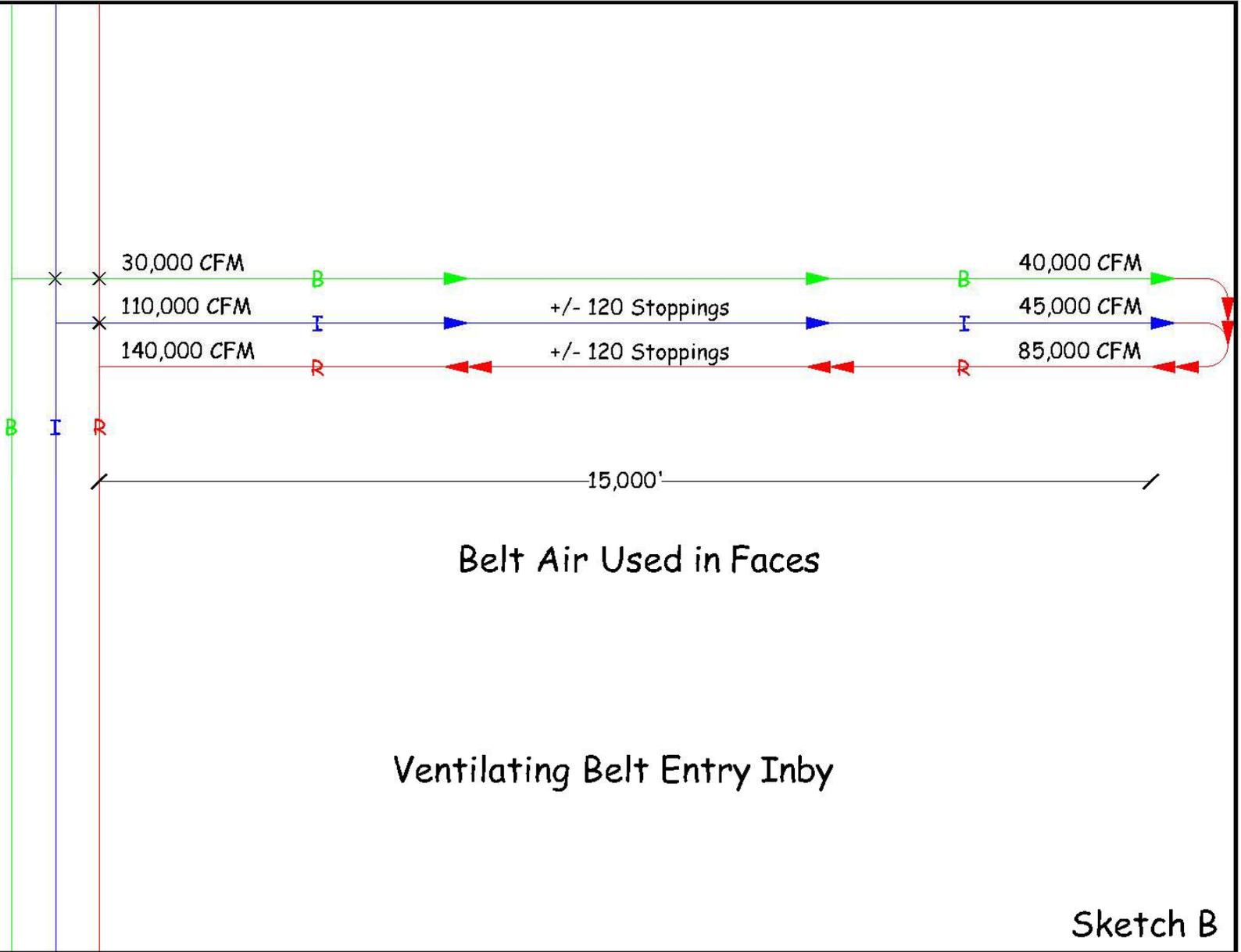
**Utilization of Belt Air**

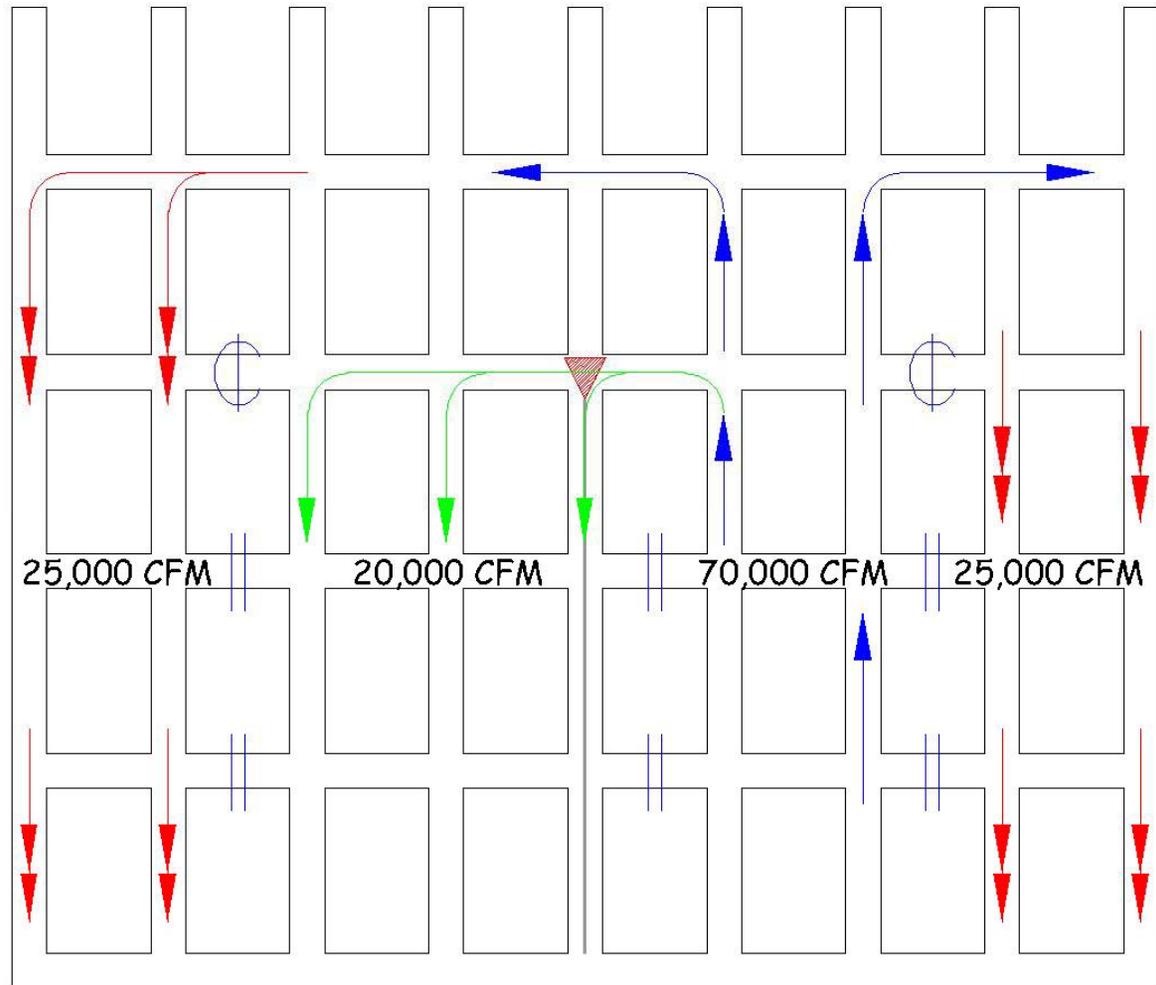
***Birmingham, Alabama***

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June 20, 2007

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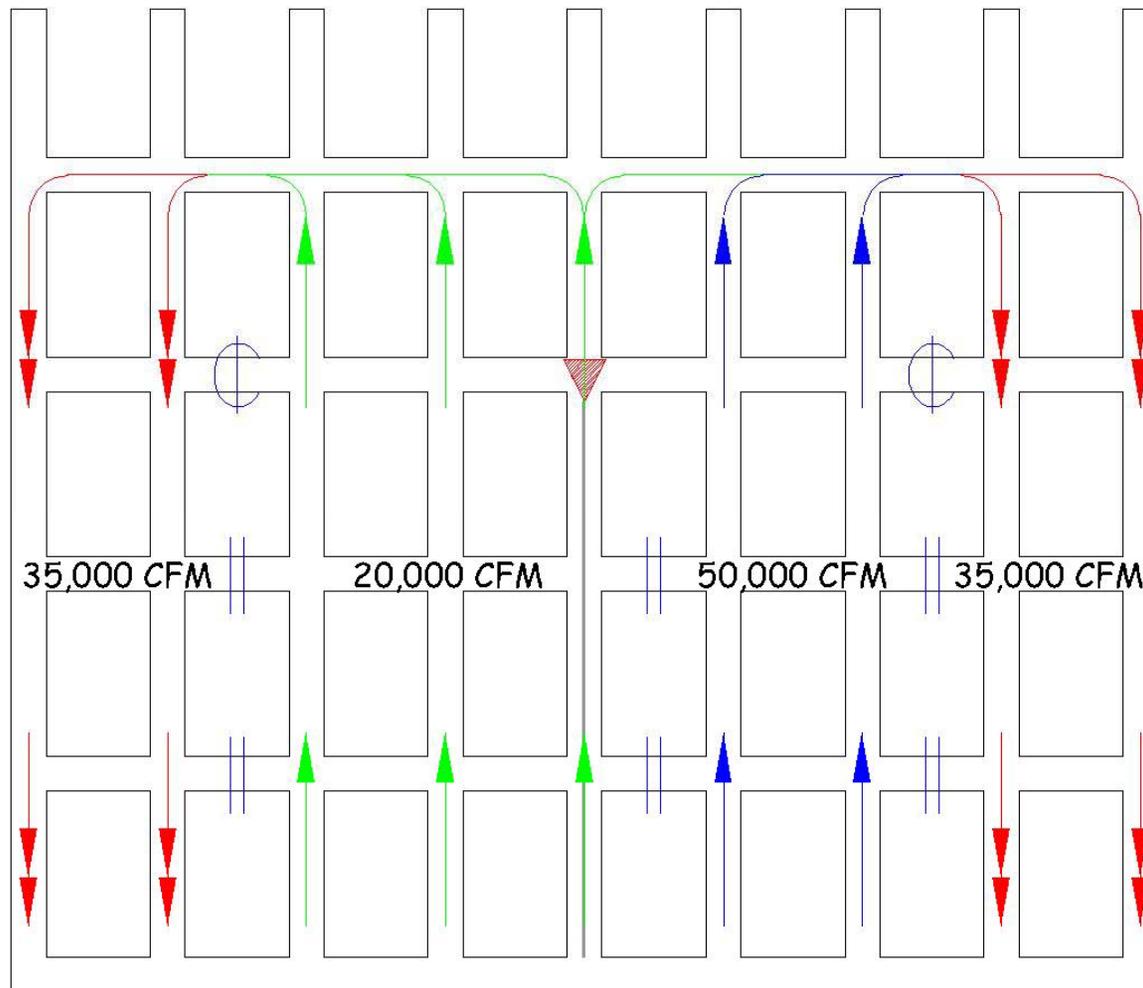






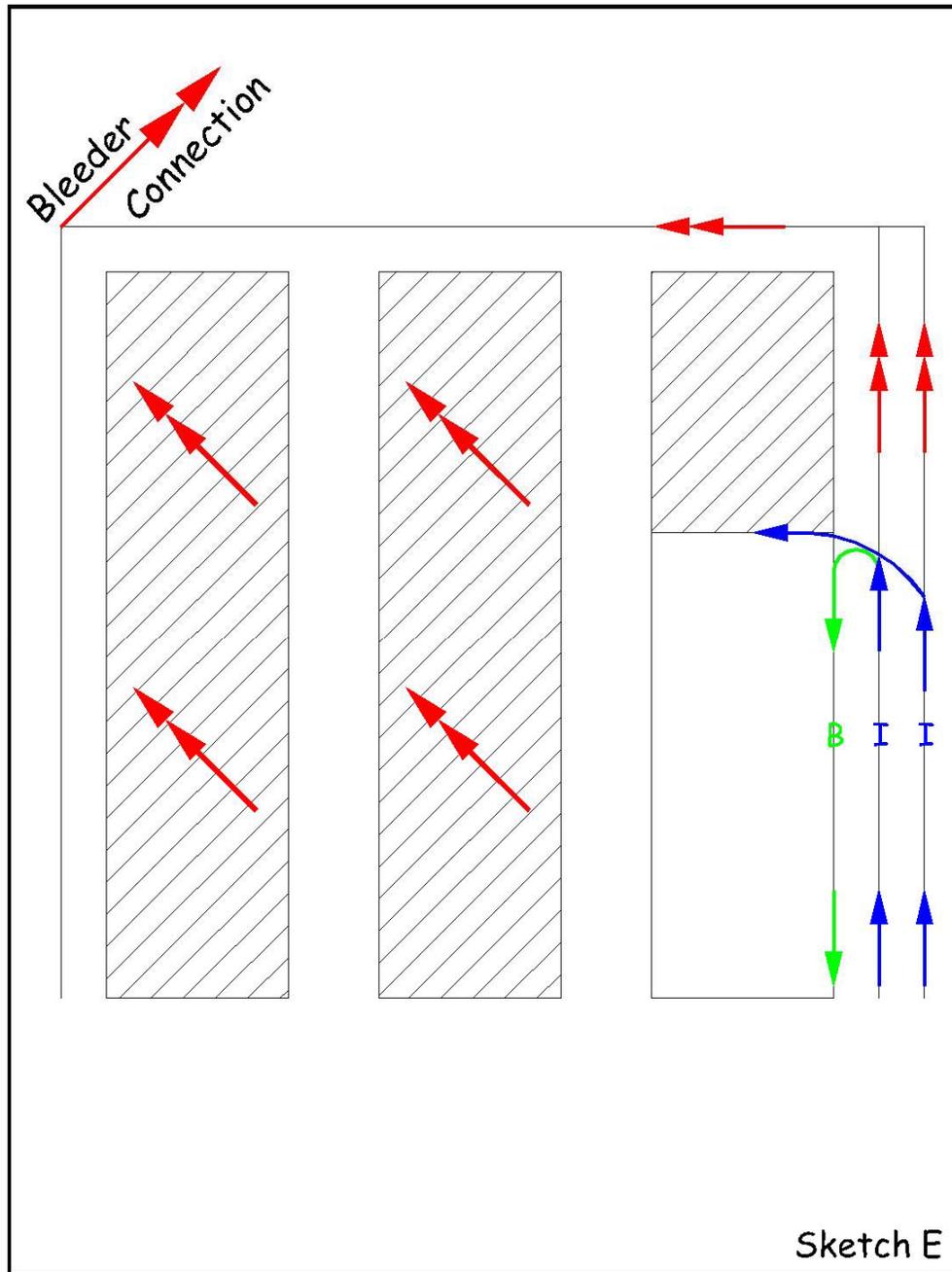
Belt Air Moving Outby

Sketch C

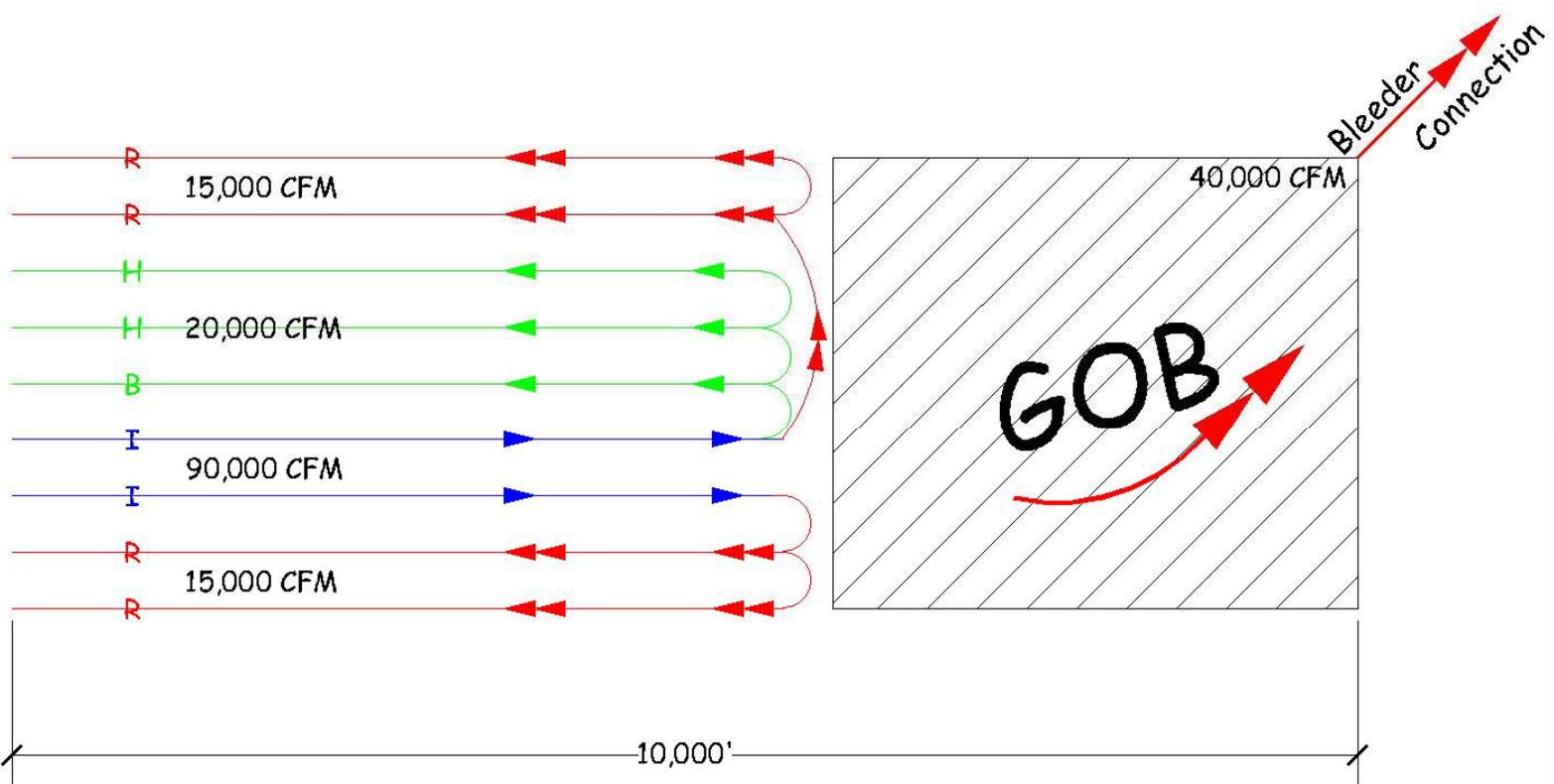


Using Belt Air

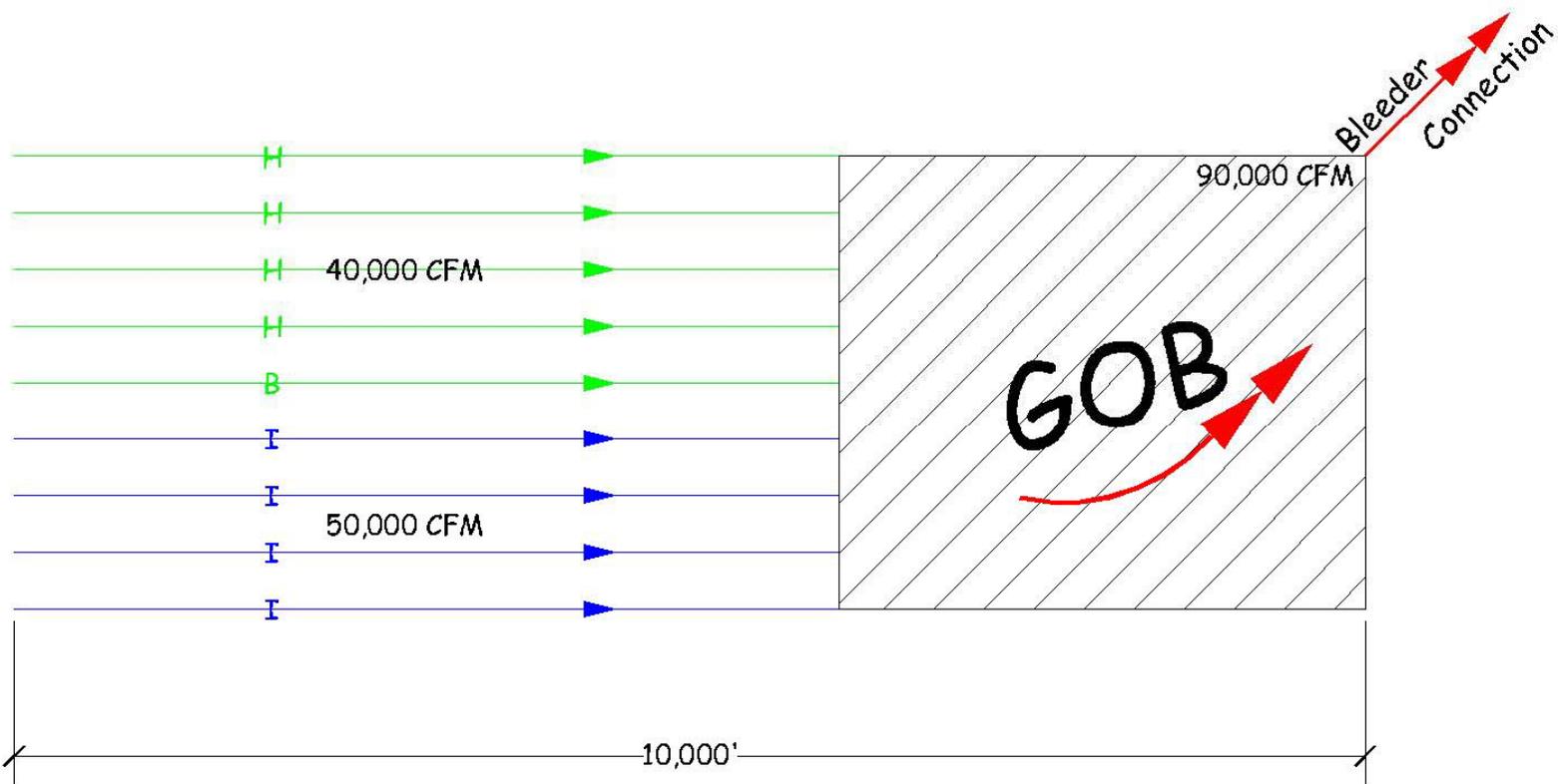
Sketch D



Sketch E



Sketch F



Sketch G

## ***In Summary, why is belt air necessary?***

- Need for greater volumes of air at the face . . . .***
  - Greater distances that result in greater leakage . . . .***
  - Pressure differences that make it difficult to make airflow go away from the faces, such as gob pressures . .***
  - Geologic conditions, over/ under mining pressure zones, narrow corridors for access, old workings limit the number of entries . . . .***
  - Improvements in face ventilation characteristics . . . .***
  - Special projects such as new mines moving from Part 77 to Part 75 . . . .***
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