How was the question answered?

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What's the program?
Graphic Design Firm
Program

The clients are considering renovating a free-standing building approximately 40' x 64' with street access along the 40' eastern exposure. The building has 3 columns 16' apart along the center line of the building and a floor to ceiling height of 20'. Show how the following spaces with necessary circulation could be arranged in plan within those dimensions:

- Receptionist's area 100
- Lobby waiting room 150
- Mailroom/photocopy/coffee 150
- 4 private offices at 150 each
  - Open workspace 750
  - Conference room 250
  - Restroom 100
- Storage: 7' high x 50 linear ft.
How do the major structural elements shape the space in plan?
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Subtractive process is an accumulation of voids in an existing, defined space.

A Sketch is meant to represent physical properties.

A Plan drawing shows the horizontal arrangement of space at scale.

A Scale drawing shows dimensions related to the full-size object by a chosen ratio.
How do the major structural elements shape the space in section?

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In order to maintain the established scale, this section lines up with the plan below it.

How do the major structural elements shape the space in plan?

A Section drawing shows the vertical arrangement of space at scale.
How do the major structural elements shape the space in section?

Where am I?

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How do the major structural elements shape the space in section?

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How do the major structural elements shape the space in plan?
The designer uses the drafting conventions of poché, lineweight, and labels to clarify the sketch while he pauses to clarify his thoughts.

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How do the major structural elements shape the space in plan?

Poché is a tonal value used to show where the picture plane cuts through solid matter.

Lineweight identifies elements through line thickness.

Labels are words and notes that help identify aspects and properties of a drawing.
What are the major zones implied by the program?

Which program activity belongs in which zone?
How much room does each activity need?
How do the activities relate to one another?

How do the major structural elements shape the space in section?

Where am I?

How do you get there from here?

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Additive process is an accumulation of objects in an empty field.

A Diagram is meant to represent conceptual properties.

The designer uses the grid established in plan and section to organize a bubble diagram. By allowing the bubble diagram to ignore walls, the designer is able to use an additive approach to problem-solving.
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The designer shapes furnishings and walls to make connections among the zones and to direct the flow of traffic.
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Where am I?

How might all three zones come together to form the conference space?

How do you get there from here?

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A Scale drawing shows dimensions related to the full-size object by a chosen ratio.

Proportion is the relationship between the dimensions of a building and of its parts to the whole.

The designer is able to credibly locate a mezzanine in plan and section because care has been taken with scale and proportion.
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**Where should I put the potted plants?**

How do the major structural elements shape the space in section?

**Where am I?**

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Scale Figures are stylized depictions of people and furnishings drawn at the established scale. They are often used to show the character of a space.

Is clarity enhanced by adding scale figures out of proportion to the section sketch?