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So now that you have, or are getting your answers from the PM, what do you do with all of that? That leads to the second list you made, the factors to be considered when looking at the proposed plant layout. You break them down into more detailed issues:

**Size**

- Is there enough headroom?
- Are there any overhead obstructions: lights, ductwork, roof structure, sprinklers, etc.?
- Will the "footprint" of the equipment be covering up anything: floor drains, access panels, outlets, etc.?
- How much clearance does the machine need around it for operations, maintenance, air flow (cooling), etc.?
- Are there any other machines or equipment that will be affected by the new equipment, particularly access to it?
- Will the floor support the weight?
- Are there any other structural requirements?
- Will it require a housekeeping (equipment) pad?
- Does the floor require special foundations?
- How will it be anchored?

**Electrical**

- What is the existing lighting layout? Do we need additional lighting or changes to existing? What will be involved in making those changes?
- Is it single-phase or three-phase power?
- What is the location of the closest electrical feed for that voltage? Is there adequate capacity left in that panel/switch gear for the power demands? If not, what will we have to do to get it?

**Gases**

- What is the location of the closest connection? How will we get it to the new equipment?
- Do we have adequate supply/pressure? If not, how will we get it?