

David Bodnar's Breadth Topics

Mechanical

With looking at a new curtain wall system, mechanical calculations will have to be done on the load in a specific area of the building. This will be since the change in load in the specific area of the building will be different do to new curtain wall system and will affect the size of the mechanical system that will be needed.

Structural

While looking at a green roof system for the University Medical Center of Princeton project structural calculations will need to be done. The reason for doing this will be to see if the currant typical bay will be able to support the weight of a green roof and if need be see what can be changed in the structural layout to support a green roof.