



Note & Issues that I see:

- Mat slab is 12" thick thickened to 16" around the perimeter. Interior thickened areas vary by column location.
- Mat slab is underlain with a 3" unreinforced mud slab over unknown thickness of gravel or stone and will be covered with a waterproof membrane.
- Top of mat is approximately 16' below current existing grade. Excavation plans will be firmed up next Tuesday.
- Project has a very higher focus on garnering as many LEED points as possible.
- Once excavation reaches final elevation, gravel is placed, and mud mat placed, too much time will elapse before 12" mat is ready for placement and ground's residual heat will be lost. Remember that the membrane must be installed, mat reinforcing installed, column & wall dowels installed, and if not omitted, 6" PVC waterstop installed around the perimeter. This kinda precludes maintaining insulating blankets in place.
- First concrete placement is likely to occur in January. Geographic location is Northeast CT. Daytime temperature yesterday reached a high of 15°F with 15-20 mph winds. Then again, we've had temps in the 60s in January. Temperature is a crap shoot.