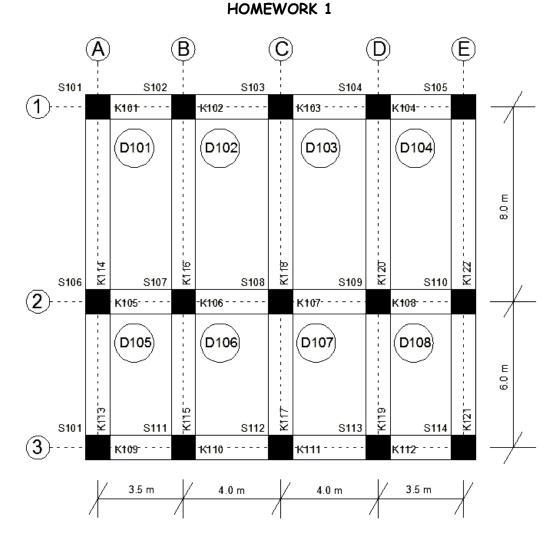


Middle East Technical University Civil Engineering Department CE 486 Structural Design - Concrete Structures

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For the given office building layout; the finish work load is 2.2 kN/m².

- For the entire slab system select a single thickness of slab.
- Determine the positive and negative design moments for slab D104 per T5500 requirements for the gravity load combination of (1.46 + 1.6Q).
- Draw reinforcement detailing for slab D104.

From: 16.10.2014

Deadline: 23,10,2014