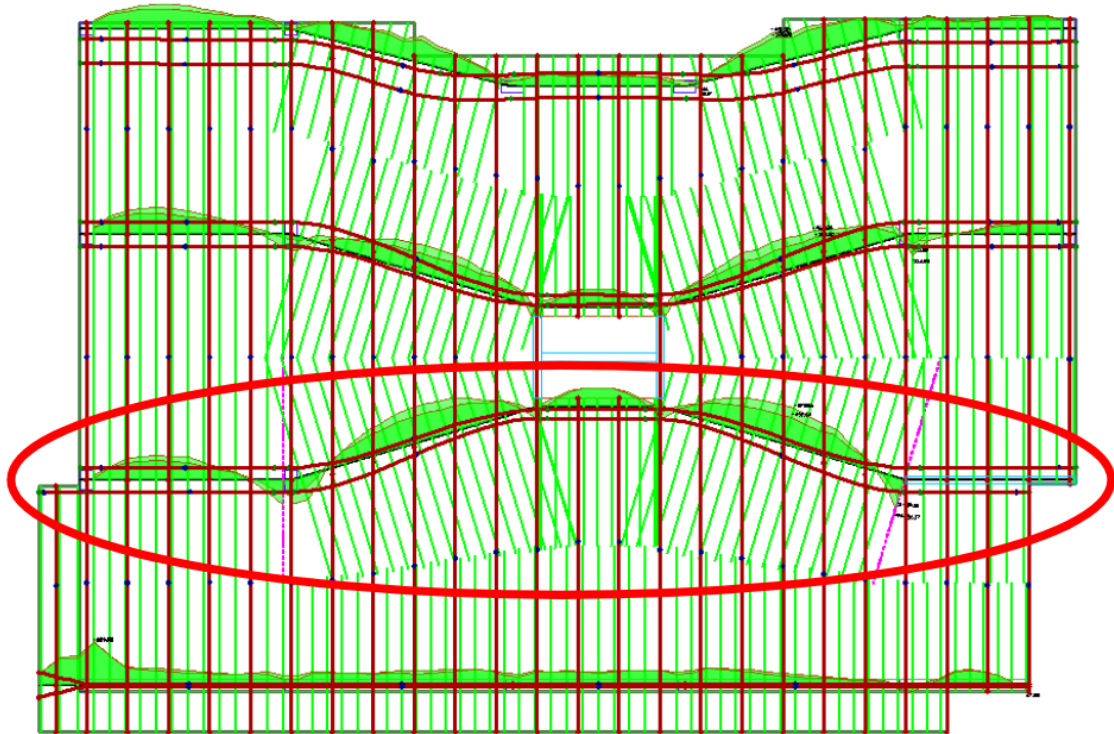


Homework Day 2

1. Draw Y-direction support lines and modify any design sections that don't generate correctly. Start with HomeworkDay2_Question1.
2. Open HomeworkDay2.adb model and design the following banded tendons to satisfy top stresses, bottom stresses, precompression, and balanced loading.



3. Open ProgressModel6_Final.adb and add mesh reinforcement using the Mesh Wizard. The mesh reinforcement should consist of #5 bars @18"oc each way with 1" CGS from the bottom of the slab. Once the mesh reinforcement is added, review the calculated envelope reinforcement plan to see what has changed.
4. EXPORT a DWG of the reinforcement plan. We did not cover this in the class so it may take some digging. Come to the office hours if you get stuck.

Tips

- Stresses are viewed when looking at the Service Load Combinations
- Use the help file to learn more about the options within the Mesh Wizard