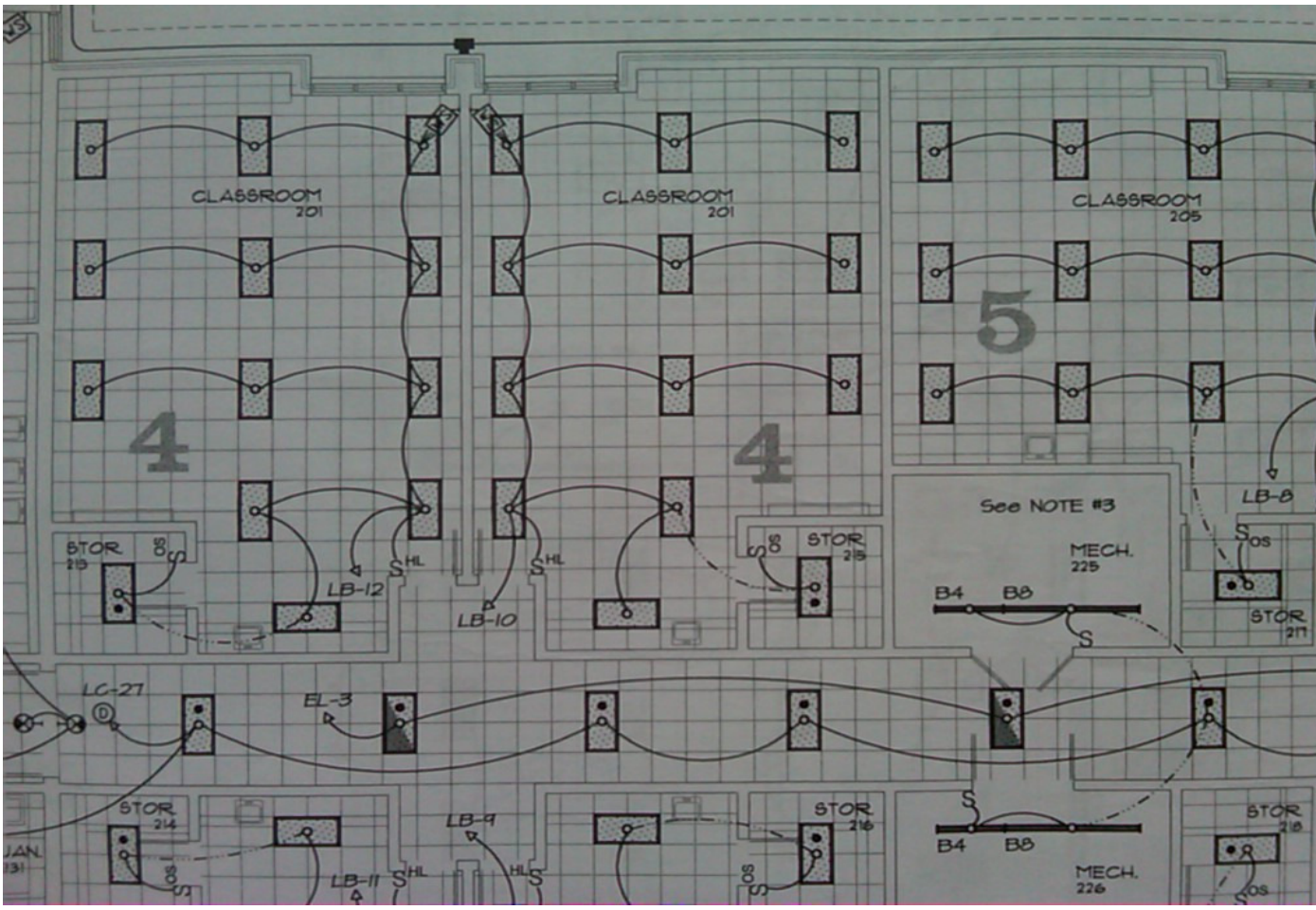
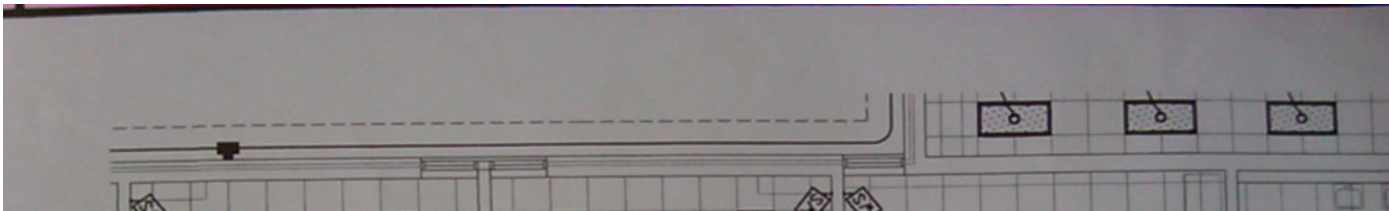
4th Grade

Understanding Series and Parallel Circuits at Snow Creek
by studying electrical drawings

After being introduced to Series and Parallel Circuits in the general curriculum, students will take a look at the architectural drawings for Snow Creek Elementary School.

Students should be able to color code the two maps by identifying parallel circuits and series circuits.
Students should label switches, lights, and discuss with the teacher the reason for using parallel circuitry in a building.

To discuss the high performance feature, the teacher should guide the students in discussion of fewer classroom lights with higher output.