One-Line Diagrams

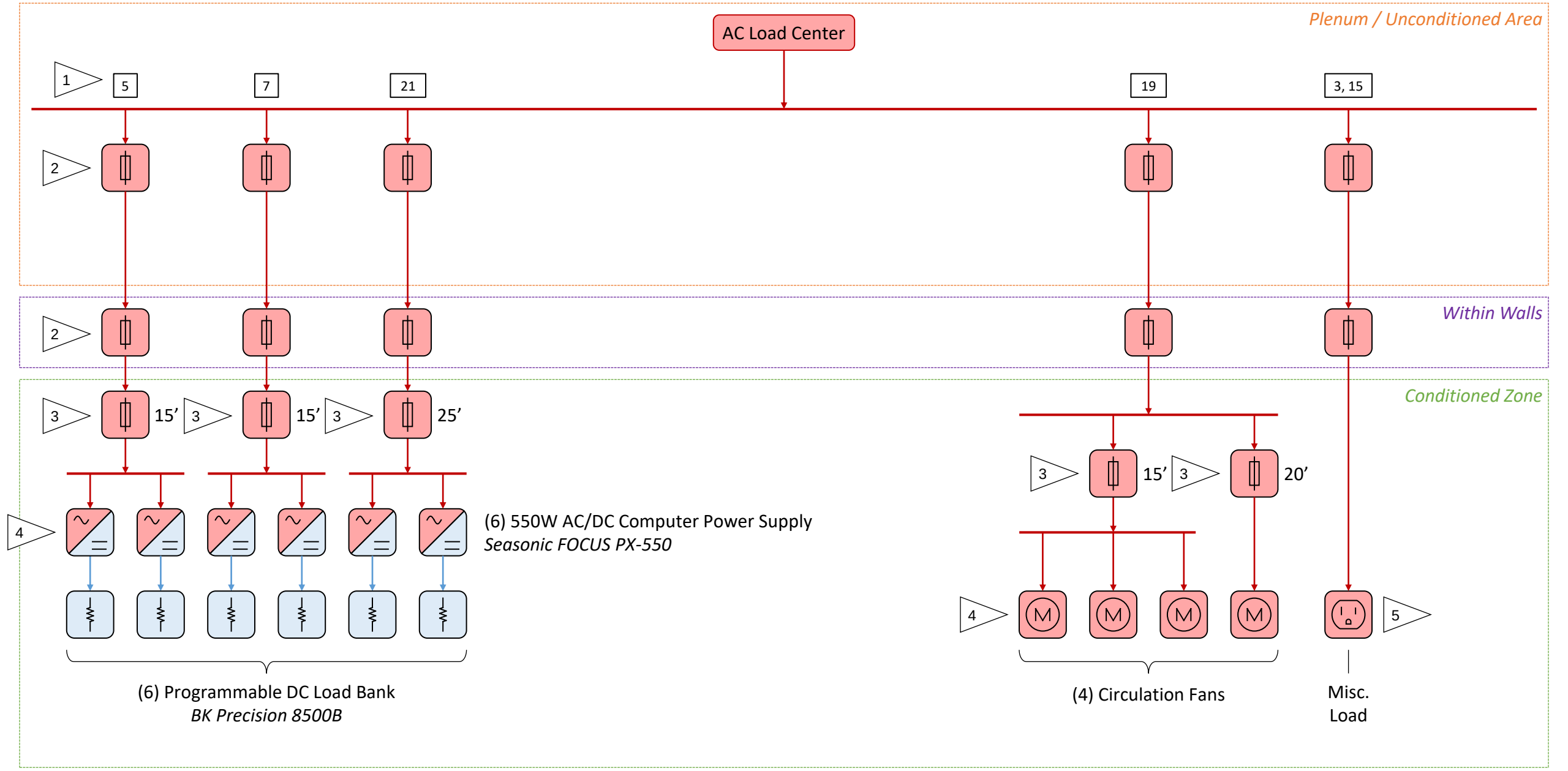
FLEXLAB Validation Experiment

Calibration Experiments

One-Line | Keynotes

Calibration Experiments

One-Line



Calibration Experiments

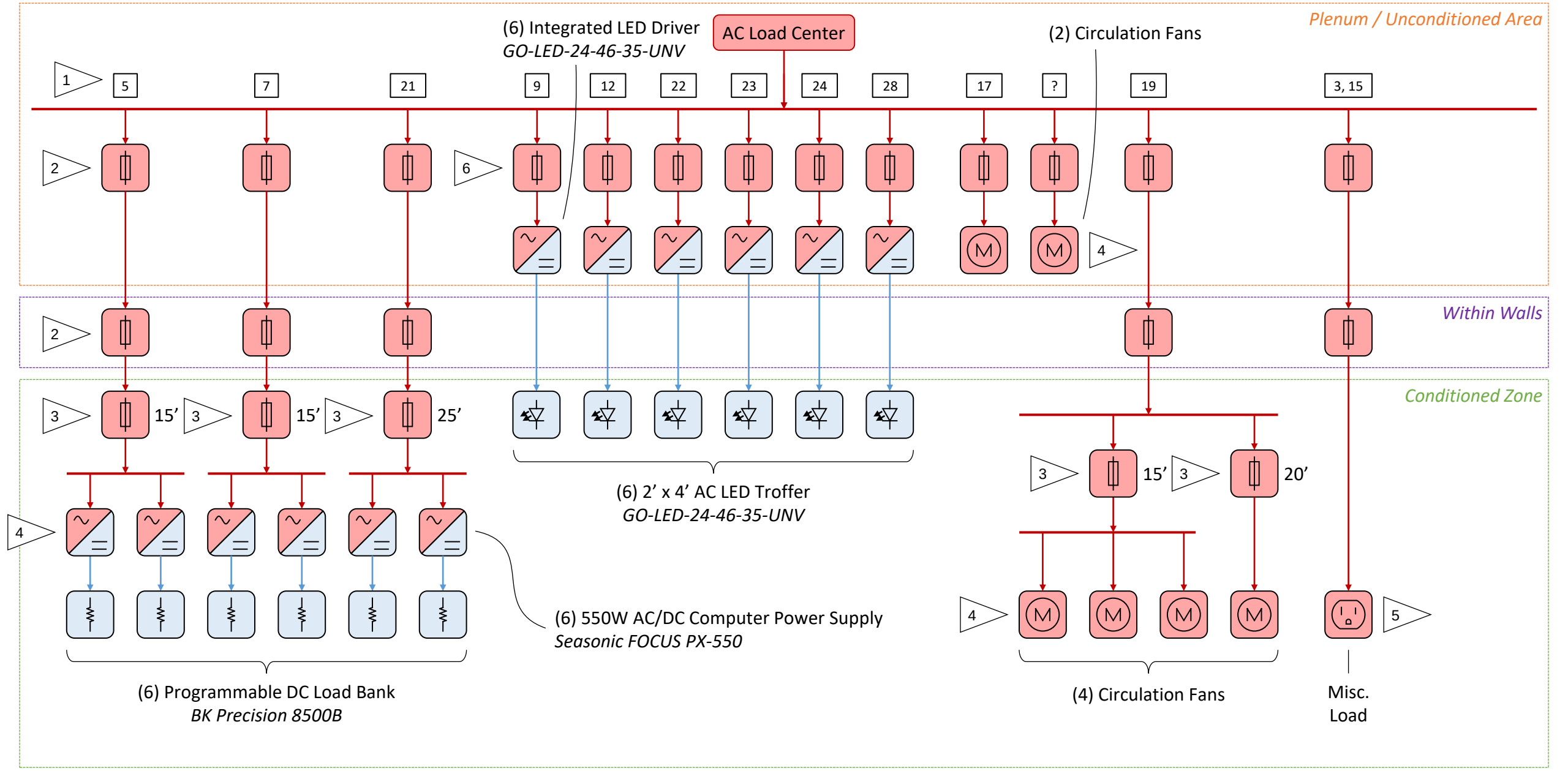
Keynotes

1. Boxed numbers indicate FLEXLAB load center circuit numbering
2. #12 AWG permanent building infrastructure wiring (not considered in models); typ.
3. #12 AWG temporary extension cords / power strips; lengths as marked
4. Power cords integral to AC-powered loads not shown or modeled independently
5. Miscellaneous plug loads; typ. of (2) circuits

AC Experiment

One-Line | Keynotes | BEEAM Model

AC Experiment One-Line



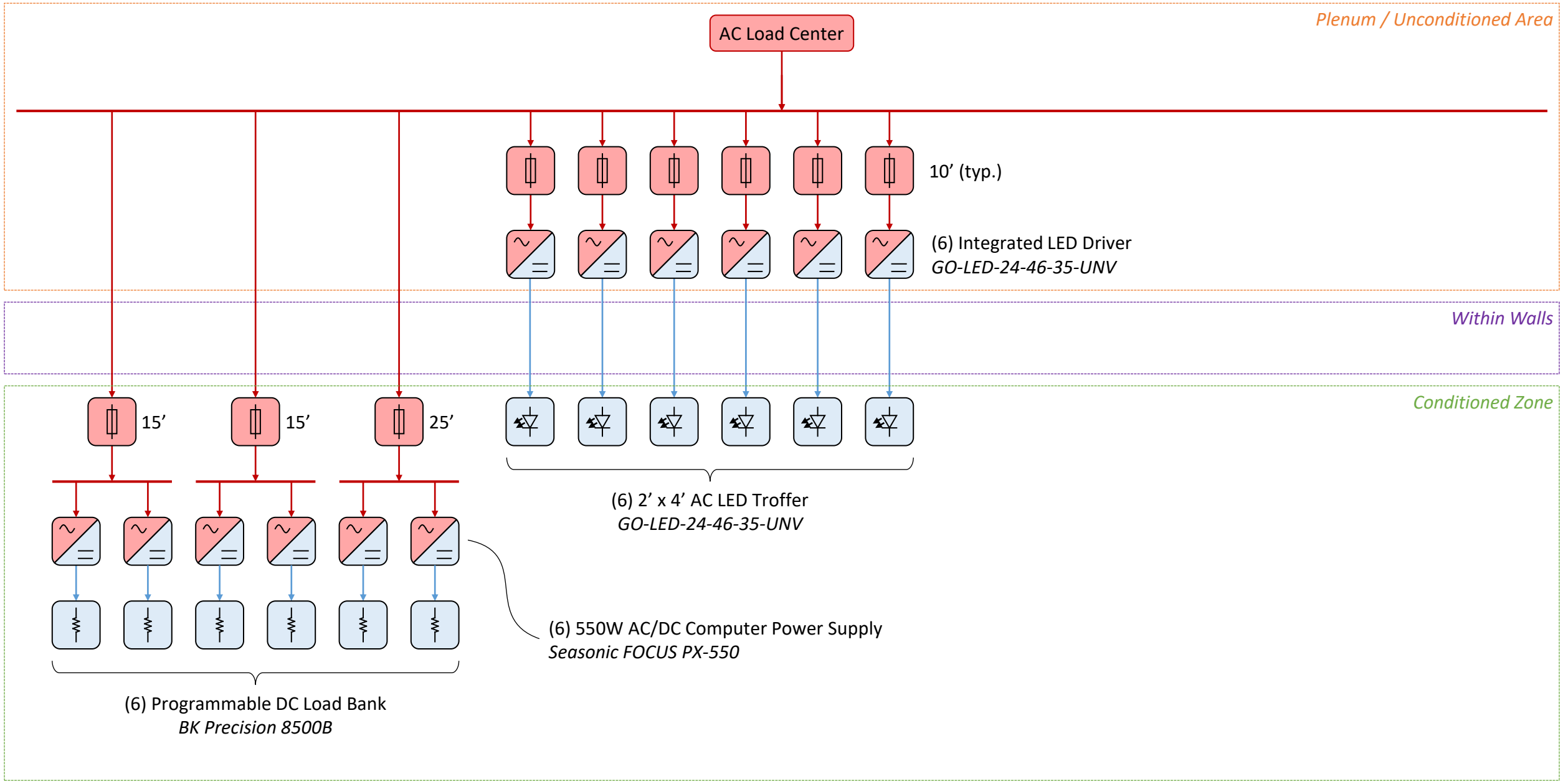
AC Experiment

Keynotes

1. Boxed numbers indicate FLEXLAB load center circuit numbering
2. #12 AWG permanent building infrastructure wiring (not considered in models); typ.
3. #12 AWG temporary extension cords / power strips; lengths as marked
4. Power cords integral to AC-powered loads not shown or modeled independently
5. Miscellaneous plug loads; typ. of (2) circuits
6. AC LED drivers connect to building infrastructure via 10’ length #12 AWG cables (*included* in model)

AC Experiment

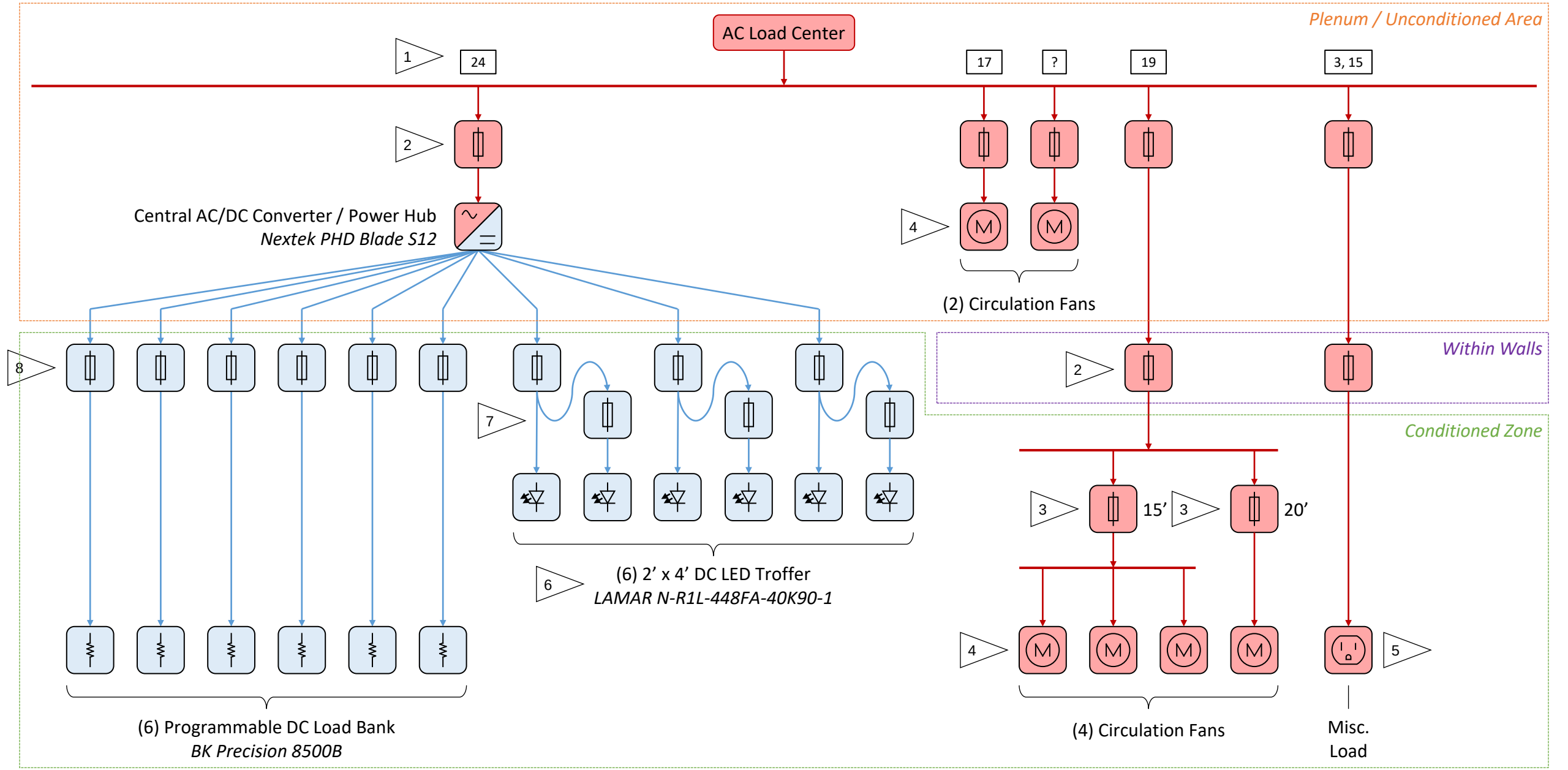
Components Modeled in BEEAM



DC Experiment

One-Line | Keynotes | BEEAM Model

DC Experiment One-Line



DC Experiment

Keynotes

1. Boxed numbers indicate FLEXLAB load center circuit numbering
2. #12 AWG permanent building infrastructure wiring (not considered in models); typ.
3. #12 AWG temporary extension cords / power strips; lengths as marked
4. Power cords integral to AC-powered loads not shown or modeled independently
5. Miscellaneous plug loads; typ. of (2) circuits
6. (2) DC LED troffers per power hub channel
7. DC LED troffers connect to power hub via 25’ length #12 AWG cables, run below the drop ceiling and cascaded as shown
8. DC load banks connect to power hub via 25’ length #12 AWG cables

DC Experiment

Components Modeled in BEEAM