

6.3.2 Coordination Schedules

Coordination schedules are a variation of the Schedules described above. Instead of using shared parameters to populate equipment schedules within a single discipline, the coordination schedules are used to coordinate between different disciplines. Coordination schedules can be used to pass power requirements to the electrical engineer, water or sewer connection requirements to the plumbing engineer, or heat dissipation information to the mechanical engineer to name a few examples.

The foundation of the coordination schedules is the SFO Shared Parameters and more specifically the Connection parameters. The connection parameters are used to filter specific elements from linked models for coordination and then the specific MEP parameters can be used for coordination. For example, the SFO Electrical Connection parameter is used to filter a mechanical pump that requires an electrical power connection. The coordination schedule in the Electrical Revit model can filter for mechanical equipment in the Mechanical Revit model requiring electrical connection and the power requirements from the mechanical engineer can be transferred to the electrical engineer within the Revit environment through the SFO shared parameters. The mechanical engineer still needs to communicate with the electrical engineer when the power requirements are ready for coordination, but this information can be stored in Revit rather than transferred via PDF or paper cut sheets.