



CONCRETE PAD & Curb Checklist

✓ DRAWING CHECKLIST

Done N/A

- Designate equipment on drawing.
- Schedule and specify equipment in construction documents.
- Coordinate plumbing floor drains with plumbing engineer.
- Coordinate structural data (weights, housekeeping pad, inertia pads) with structural engineer.
- Coordinate concrete pads and curbing with standard details.
- Check access around equipment (section needed?).
- Indicate reference to applicable detail on drawing.
- Concrete pads for housekeeping purpose.
- Concrete inertia pads for vibration elimination.
- Concrete curbing for housekeeping purpose.
- Concrete curbing for prevention of water leaks to space below.

✓ CONCRETE PAD CHECKLIST

Done N/A

- Base layout on one-line diagram.
- Show all floor-mounted pumps on concrete pads
- Show pumps, requiring concrete inertia pads, with additional pad.
- Show all floor-mounted AHUs on concrete pads.
- Show AHUs requiring concrete inertia pads with additional pad.
- Show all floor-mounted chillers on concrete pads.
- Show chillers requiring concrete inertia pads, with additional pad.
- Show floor-mounted equipment requiring concrete inertia pads, with additional pad.

✓ CONCRETE CURB CHECKLIST

Done N/A

- Base layout based on one-line diagram.
- Show all equipment room openings to below with concrete curbing.
- Consider extending pipe sleeves 2 in. above equipment room floor

✓ VALUE ENGINEERING TIPS:

Done N/A

- Concrete inertia pads can usually be eliminated on equipment that is mounted at grade (i.e., basement floor).



If you have any comments, suggestions, or questions regarding this designer check list, contact Amanda McKew at amckew@rdkimball.com. This column is meant to provide some basic guidelines for good design. Always consult all necessary codes and resources relevant to each particular project.

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ENGINEERS