

**DESIGN COORDINATION CHECKLIST**
**PLUMBING- 600 PHASE**

<b>Project Name:</b>		<b>Project No :</b>
Drawing title, with number and revision		<b>Originator :</b>
		<b>Checker :</b>
		<b>Reviewer :</b>

No.	Aspect Reviewed	Coordinated			Remarks
		Yes	No	N/A	
1	Plumbing fixture locations match architectural (including BIM/REVIT)				
2	Location and type of fire department connection matches architectural				
3	Roof drain locations match architectural				
4	Plumbing utility plan locations and elevations match civil				
5	Trace large plumbing lines to determine interferences with architectural, structural and mechanical (including BIM/REVIT)				
6	Required beam penetrations are located in plan and elevation on structural				
7	Verify plumbing riser locations in relation to floor beams				
8	Verify plumbing riser locations in relation to floor beams				
9	Foundation/under slab drainage matches civil and geotechnical report				
10	Locate floor drains, floor sinks and sump pits in relation to footings				
11	Location of site sump pumps matches civil				
12	Piping should avoid electrical rooms and elevator machine rooms				
13	Sufficient clear spaces provided at plumbing chases for pipes and carriers				
14	Plumbing electrical requirements match electrical				
15	Architectural plumbing chases are provided for plumbing risers				
16	Fire hose cabinet locations match architectural				
17	Floor sinks provided for mechanical equipment				
18	Provide make-up water line with backflow device for cooling towers				

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19	Provide floor sink at each cooling coil bank				
20	Coordinate location of above ground site valves and backflow preventers with civil and landscaping (including BIM/REVIT)				
21	Heating hot water systems will provide hot water within a reasonable time				
22	Plumbing flow switch/tamper switch locations match electrical plans and fire/life safety riser				
23	Exterior horizontal mechanical openings in slabs and roofs have drain and storm drain piping				
24	Emergency generator muffler and exhaust piping is shown				
25	Storage tanks coordinated with structural				
26	Fire protection tank coordinated with structural				
27	Verify underground fuel tanks are double walled with a leak detection system				
28	Irrigation point of connection matches landscape drawings				
29	Provide trap primers for floor drains and floor sinks				
30	Provide plumbing connections as shown on the kitchen drawings				
31	Provide fire protection for kitchen hoods				
32	Provide grease trap for kitchen equipment				