

Description	N/A	✓	Notes
1. Same orientation as floor plans			
2. Verify match with most recent architectural floor plans:			
a. names/identifying numbers of all interior spaces			
b. same match lines as architectural floor plans <i>when used</i>			
3. Cross-check locations of mechanical site work items against site plan:			
a. foundation drainage			
b. catch basins/fire hydrants/maintenance access covers			
c. utilities and other service connections			
4. Demolition plans for renovation projects showing work to be:			
a. demolished			
b. renovated			
c. retained			
5. Cross-check locations of mechanical items against floor plans/building sections/interior elevations:			
a. fire dampers in all ducts penetrating fire separations			
b. no duct penetrations through exit stairway/ramp walls			
c. vertical ducts/duct shafts/pipe spaces			
d. built-in/semi-recessed/surface-mounted components:			
i. no recessed items in fire separations			
e. floor drains			
f. hose bibbs			
g. plumbing fixtures/fixture types			
h. major equipment			
i. standpipes:			
i. hose connections on each storey of building			
ii. fire department connection			
j. fire hose cabinets:			
i. fully opened door does not obstruct required exit width			
k. portable fire extinguishers			
6. Cross-check all roof-mounted items against roof plan:			
a. drains/scuppers/gutters:			
i. check against structural for conflicts between roof drains/beams			
b. vents/chimneys			
c. equipment			
7. Cross-check clearances available in ceiling spaces between structural beams/ceiling heights against:			
a. ducts			
b. worst-case situations:			
i. duct crossings			
ii. allowances for duct insulation/fireproofing on steel beams/clearances for support framing for wide ducts			
iii. beams at ceiling level; for example, folding wall support beam			
iv. horizontal piping			
v. recessed light fixtures			
c. heat pumps/VAV units/fan coil units, etc.			
d. sprinkler lines			
e. roof drains			
f. electrical items			
8. Cross-check all ceiling-mounted items against reflected ceiling plan:			
a. skylight openings			
b. supply diffusers			
c. return air grilles			
d. fire stop flaps in rated membrane ceiling assemblies			
e. detectors:			
i. heat/smoke			
ii. carbon monoxide			
f. sprinkler heads			
9. Cross-check against structural drawings for conflicts between:			
a. drain inverts/footings			
b. columns within plumbing chases/horizontal piping/vents			
c. roof drains/beams/columns			
10. Cross-check against electrical drawings/schedules for horsepower ratings/voltage/phase for major equipment items			
11. Ensure there are no general notes on drawings duplicating information in specification			