

## Poured Concrete Foundations

Trade \_\_\_\_\_ Job Number \_\_\_\_\_

### Pass/Fail/NA

- All work complies with locally adopted codes and International Residential Code.
- All work is performed in a safe manner according to OSHA standards.
- The jobsite is left clean.
- Forms are clean and free from concrete buildup.
- Door and window openings are braced vertically 16" o.c. and if over 2' tall, every 24" horizontally to prevent form displacement or deformation.
- Windows & doors are nailed to forms, both sides 12" o.c.
- Bulkheads are checked for location and size.
- Blockouts for plumbing, soil pipe, etc., are checked for location and size.
- There are adequate snap ties.
- Walls are plumb  $\pm \frac{1}{4}$ " in 8'—check several places
- Walls are square  $\pm \frac{1}{4}$ " in 20' and not more than 1" out of square in any dimension.
- Walls are straight  $\pm \frac{1}{4}$ " in 20'. Not more than  $\pm \frac{1}{2}$ " overall in any wall.
- Walls are level  $\pm \frac{1}{4}$ " in 10'. Not more than  $\pm \frac{1}{2}$ " overall.
- Forms are braced and tied properly.
- Forms are tight to prevent any leakage.
- The top of the foundation is at least 8" above the level of the final grade unless a brick ledge is provided.
- Check for missing ties, pins, and connectors.
- All walers are to be solid and properly fastened.

### Reinforcing Steel

#### Vertical

- Size #4 unless otherwise specified.
- Spacing as specified \_\_\_\_\_" o.c.  $\pm 1$ ".
- Steel is covered with at least 1½" of concrete.
- Steel is free from rust or oil.
- Steel is double tied or wired at laps.
- Steel is lapped at least 12".
- Steel is tied to vertical rebar with wire at each intersection.
- Foundation straps/bolts are placed at 6' intervals within the first half hour after final placement of the concrete.

### Concrete

- Foundation concrete is 2,500 psi.

- Max. slump is 5" ± 1".
- Concrete is poured in one continuous pour.
- The concrete is deposited as close as possible to final position.
- Concrete is placed in lifts of 18–24" maximum.
- Concrete is vibrated at 6–10' intervals and not vibrated for longer than 15 seconds in one place or until water comes to top.
- It is finished flat & level ± ¼" in 10' and ± ½" overall.
- All forms are stripped and removed following proper curing time (not less than 18 hours depending on temperature).
- If honeycomb exists it is filled over with mortar unless it affects the integrity of the structure. If it does, it should be replaced.
- Concrete is protected from freezing by heating or insulation.
- Ties are broken off and tie holes are filled with mortar or plastic cement.
- No visible cracks.
- Concrete has complete dampproofing coverage with no missed spots.
- Forms are removed and disposed of, or removed from the site.
- Excess concrete is cleaned up and removed from the site.

The Trade Contractor understands and accepts responsibility for items on this checklist and verifies that these items have been checked and are acceptable. In the event that these items are not completed to our satisfaction, the Trade Contractor agrees, upon notification, to correct the unsatisfactory items promptly, or gives the company the right to correct the item and backcharge the Trade Contractor accordingly. I hereby verify that the above items have been checked and are acceptable. I understand that this checklist must be turned in with the invoice in order to receive payment on this job.

Signature \_\_\_\_\_ Date \_\_\_\_\_