

Structural	Electrical	Plumbing	Mechanical
<p><u>Foundation:</u></p> <ul style="list-style-type: none"> ○ Beam Size ○ Rebar Size/Stirrup Spacing ○ Corner Bars ○ Splice Lengths Location on Property <p><u>Windstrap:</u></p> <ul style="list-style-type: none"> ○ Proper Amount of Nails ○ Missing Straps ○ Nailing Pattern on Sheathing ○ Nuts on Anchor Bolts <p><u>Frame Inspection:</u></p> <ul style="list-style-type: none"> ○ Wall Bracing ○ Joist Hangers ○ Fire-blocking ○ Draftstops ○ Sealing Penetrations <p><u>Final:</u></p> <ul style="list-style-type: none"> ○ Handrail Termination / Return to Wall ○ Safety Glass ○ Posting Address 	<ul style="list-style-type: none"> ○ TCI permit for power prior to final required ○ Change in use or occupancy. Wire to commercial standards w/ Approved Plans ○ Provide approved drawings on job site ○ Electrical service not built in accordance with approved drawings ○ Need fault current calculation ○ Ground service, earth ground, water bond, bond neutral ○ Ground wires undersized ○ Provide main Over Current Protection in panel ○ Secure main in panel ○ Overcurrent protection – too large ○ Ditch too shallow – provide correct burial depth ○ Ditch covered without inspection ○ Walls covered without inspection ○ Ceilings covered without inspection ○ Box fill, conductors exceed allowable box fill 	<ul style="list-style-type: none"> ○ DWV test not complete on wall cover ○ New materials used not listed to standards ○ Wrong materials for the application ○ Foundation poured prior to inspection ○ Wall covered prior to inspection 	<ul style="list-style-type: none"> ○ Install fire damper framing as per manufacturer's installation instructions ○ Seal Return Air ducts ○ Provide proper clearance on vent pipe on decorative appliances to combustibles. ○ No approved plans on site. ○ Flexible gas connectors shall not be concealed within or extend through a wall, floor, partition or appliance housing ○ One-hour protection required for duct penetration under stairs. ○ Provide proper service access width and clearance to condensing units. ○ Provide 30" service area and meet manufacturers' clearance for condensing units and furnaces. ○ Extend furnace vent pipe through roof jack. ○ Provide pull down stairway with a 350-pound load capacity and a minimum clearance of 22" across the hardware. ○ Install manufactured duct (flex, duct board) in accordance with the manufacturer's instructions. Need to avoid kinks in the ducts and provide proper radius turns at all changes in direction. ○ Provide proper catwalk to service area of furnace and evaporator coil. ○ Access denied - homeowner not on site. (Pay reinspection fee)