

# New Commercial/Industrial Buildings

## Building Guides

Building Inspection

385 Kimbark St

303-651-8332



**NOTE:** All plans must be submitted in triplicate. Incomplete submittals cannot be logged into the computer. Plans will be reviewed in the order in which they are logged in. Plan review fees are required with submittal.

## NEW BUILDINGS

1. Site/Plot Plan to scale
2. Cover sheet with site area, impervious lot area, water meter size, sewer size, and electrical meter size
3. General requirements for all sheets (3 sets are required):
  - a. Owner of plans
  - b. Plan name or address
  - c. Date of plan (and revisions)
  - d. Identify optional items
  - e. Original stamp and signature of licensed design professional
3. Architectural Plans
4. Mechanical Plans
5. Plumbing Plans
6. Electrical Plans
7. Structural Plans
8. Statement of Special Inspections Required
9. One set of structural calculations is required and shall include:
  - a. Key Plan
  - b. Table of Contents
  - c. Foundation, Floor Framing, Roof Framing, Column, and Bearing Wall Calculations.
  - d. Lateral Analysis as per Chapter 16 and applicable Appendixes
  - e. Gravity Load System
10. Energy Code Certification-COMcheck.

Download the generic program on web. Click <http://www.energycodes.gov> and download the version of COMcheck that matches your computer's operating system

**Note:** The first time you use COMcheck go to the Code Menu and select the 2006 IECC (1). Enter Colorado in the state and Longmont in the box for City.
11. Design Criteria—i.e., Snow load, soils info, floor loads, wind loads.
  - a. 30 lbs. roof snow—110 mph, 3 second gust.
  - b. Floor loads are according to current, adopted IBC
12. Material Specifications
13. Truss Engineering where applicable

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## MISCELLANEOUS REQUIREMENTS (Where Applicable)

1. Fire Sprinkler and Alarm Plans are to be submitted directly the City of Longmont Fire Support Services 225 Kimbark Longmont, CO (303) 651-8437
2. Health Department Approval (Boulder County Health (303) 441-1188)
3. Kitchen Plans, which shall include hood details, hood suppression system details, shaft details, equipment layout, seating plan, and grease trap calculation worksheet.
4. Liquor Board Approval (City Clerks Office (303) 651-8648)

## APPLICABLE CODES (effective 2/14/2005)

1. International Building Code, 2006 Edition
2. National Electrical Code, 2002 Edition
3. International Mechanical Code, 2006 Edition
4. International Fuel Gas Code, 2006 Edition
5. International Plumbing Code, 2006 Edition
6. International Property Maintenance Code, 2006 Edition
7. International Energy Conservation Code, 2006 Edition
8. International Fire Code, 2006 Edition
9. International Property Maintenance Code, 2006 Edition
10. City of Longmont Amendments. For a copy visit our web site [www.ci.longmont.co.us.bldginsp/adopted/index.htm](http://www.ci.longmont.co.us.bldginsp/adopted/index.htm)
11. ICC/ANSI A117.1-2003

**NOTE:**

- More information may be requested to complete the plan review process.
- Permits cannot be issued prior to approvals from Planning, Public Works, Fire Support Services, Building Inspection Division, Boulder County Health Department (if applicable), and any other City Departments with concerns.
- Foundation only permits will be evaluated on a case-by-case basis.
- Foundation only permits *MAY* be issued prior to full issuance if all Departments approve. The contractor is at their own risk if requesting a permit to construct a foundation only. A \$500 fee, as well as all other permits fees, are due at the time the foundation only permit is issued.
- For additional information, Visit [www.ci.longmont.co.us.bldginsp.index.htm](http://www.ci.longmont.co.us.bldginsp.index.htm) or [www.ci.longmont.co.us.planning.index.htm](http://www.ci.longmont.co.us.planning.index.htm) or call (303) 651-8332