

NOTICE

Architects, Engineers & Contractors

Starting Nov. 21, 2000 plans submitted to the Department of Planning Engineering and Permits will be required to include with the drawing documents a Building Code Review Sheet. This sheet is available at the permit counter for use in formatting the Building

This requirement applies to new, and existing buildings. This plan sheet will speed up the plan review process thereby allowing us to issue a building permit for a project in a shorter period of time.

Please be sure that you pick up the instruction sheet for filling out the Building Code Review Sheet. This sheet contains instructions for new and existing construction.

You may access this information from the City's website at www.informationbirmingham.com then go to the Planning, Engineering and Permits page under Departments and then to Permit Guidelines

INSTRUCTIONS FOR BUILDING PLAN REVIEW SHEET

In an effort to serve architects engineers and contractors better by providing faster turn around time for drawings that are being reviewed for permits, the Construction Advisory Committee, working in conjunction with the Planning Engineering and Permits Department of the City of Birmingham is providing a Building Plan Review Sheet that must be submitted with the drawings that are submitted to the department for review and permits.

The following instructions are to be used to complete the information requested on the Building Code Review Sheet. This Building Code Review Sheet shall be made part of the official set of documents submitted for a permit.

NEW CONSTRUCTION, ADDITIONS & CONSTRUCTION THAT INVOLVES A CHANGE IN USE OF THE BUILDING OR REMODELED SPACE.

All information requested on the Code Review Sheet shall be completed.

EXCEPTION

Single Family Dwellings
Single Family Garages

TENANT IN-FILL, OFFICE REMODELING WITH NO CHANGE IN USE

The following information shall be provided as requested on the Building Code Review Sheet.

- 1 Parcel ID #.
- 2 Code Review Data (Which code was used in the development of the project)
- 3 Occupancy Type (The floor area of the job for which a permit is being requested)
- 4 Construction Type (The kind of construction of the building)
- 5 Automatic Sprinkler System (indicate if the building has an automatic sprinkler system)
- 6 Minimum Occupant Loads. (Indicate the square footage area that the occupancy loads are based on)
- 7 Maximum Travel to an Exit. (Indicate the distance from the most remote part of the space being constructed to the exit door from the space and from the exit door from the space to the exit stairway or door to the outside.
- 8 Height Limit (If this item is not required. Fill in NA)
- 9 Area Limit (If this item is not required. Fill in NA)
- 10 Required fire Ratings for walls and Openings (This table is required as part of the plan submission.)
- 11 Building Components (Area tabulations and Height of building information is not required)
- 12 Egress Capacity Tabulation (Egress Capacity Tabulation is required as part of the plan Submission).

OTHER INFORMATION

Under **other information** there are 23 items to be identified. The following items need to be represented by a location in the set of drawings that is turned in for a building permit.

Item numbers 4, 5, 7, 8, 9, 10, 11 if going into a new shell building as tenant infill.

Provide information requested in 14, 15, and 17 if major plumbing is being installed.

Provide the information requested in items number 19, 20, and 21 if gas piping is being installed.

Provide the information requested in 22 if fire rated doors are being installed or required.

Provide the information requested in 23 if penetrations are being made through fire rated assemblies.



CITY OF BIRMINGHAM

Planning, Engineering & Permits

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Building Plans Review Sheet

Parcel ID # _____ City of Birmingham, Case # _____

Project _____ City of Birmingham, Master # _____

Contract Drawings should include required details and other information to describe construction. This includes plans, elevations, finish schedules, and other details needed to communicate design and construction assemblies.

Applicable Codes

International Building Code	(IBC) 2003
International Plumbing Code	(IPC) 2003
International Gas Code	(IGC) 2003
International Mechanical Code	(IMC) 2003
International Fire Code	(IFC) 2003
National Electrical Code	(NEC) 2005

CABO/ANSI A117.1 1998

Technical Codes
City of Birmingham, Alabama 2007

Safety Code for Elevators and Escalators, ASME A17.1

NOTE: Life Safety Code, 2003 ed. shall be used for E occupancies and Daycares as per section 101.3.6 of the Technical Codes of the City of Birmingham.

Code Review Data

Occupancy Type (IBC 303)

Type _____ Group _____ Area _____ s.f.

Type _____ Group _____ Area _____ s.f.

Type _____ Group _____ Area _____ s.f.

Building Plans Review Sheet

Construction Type

(IBC 602) Type _____

Automatic Sprinkler System

Sprinklered _____ Unsprinklered _____

Maximum Occupant Load (IBC 1004.1.2)

Occupancy Type _____

Area (net / gross) (sq ft) _____ / Area per Occupant (sq ft) _____ = Occupant Load _____

Occupancy Type _____

Area (net / gross) (sq ft) _____ / Area per Occupant (sq ft) _____ = Occupant Load _____

Occupancy Type _____

Area (net / gross) (sq ft) _____ / Area per Occupant (sq ft) _____ = Occupant Load _____

Occupancy Type _____

Area (net / gross) (sq ft) _____ / Area per Occupant (sq ft) _____ = Occupant Load _____

Maximum Travel to an Exit

(IBC Table 1015.1)

Occupancy Classification _____

Maximum
allowed by code

Travel dist to exit (ft)

Unsprk. _____

Sprk _____

Proposed

Travel dist to exit (ft)

Unsprk. _____

Sprk _____

Height Limit (IBC Table 503)

Maximum Height allowed In Feet _____

Proposed Height In Feet _____

Maximum Height allowed in stories _____

Proposed Height In Stories _____

Building Plans Review Sheet

Area Limit (IBC Table 503)

Occupancy Type _____
 Maximum area allowed _____ Proposed area _____

Occupancy Type _____
 Maximum area allowed _____ Proposed area _____

Area Between Fire Walls (If Applicable) _____

Occupancy Separation (IBC Table 302.1.1)

Occupancy Type _____ Separation Requirements _____

Occupancy Type _____ Separation Requirements _____

Required Fire Ratings for Walls and Openings: Include only applicable elements and ratings. (IBC Table 602, Table 704.8 & Section 704)

Element	Wall Rating	Opening Rating
Party & Fire Walls	_____ Hour	_____ Hour
Interior Bearing Walls	_____ Hour	_____ Hour
	_____ Hour	_____ Hour
Columns	_____ Hour	
	_____ Hour	
Beams, Girders, Trusses & Arches	_____ Hour	
	_____ Hour	_____ Hour
Floor & Floor Ceiling	_____ Hour	_____ Hour
Roof & Roof Ceiling	_____ Hour	_____ Hour
Exterior Bearing	_____ Hour	_____ Hour
Exterior Nonbearing	_____ Hour	_____ Hour
Interior Nonbearing	_____ Hour	_____ Hour
Shaft Enclosures	_____ Hour	_____ Hour
Smoke Barrier	_____ Hour	_____ Hour
Mechanical/Storage	_____ Hour	_____ Hour
Maintenance Storage/Janitor	_____ Hour	_____ Hour
Bathrooms & Restrooms	_____ Hour	_____ Hour
Exterior Walls	_____ Hour	_____ Hour
Building Separation	_____ Hour	_____ Hour

Egress Capacity Tabulation (IBC Table 1004.1.2)

Occupancy Insert Building Occupancy Type	Size In Square Feet	Occupancy Load	Egress Width Required # of Occupants X width per person, level & stairs.	Egress width Provided

Other Information

1. Indicate area between firewalls. See Drawing _____
2. Provide site plan showing layout of building from all property lines. See Drawing _____
3. Provide site utility plan indicating location and sizes for all utilities including water, storm sewer, sanitary sewer, and electrical. See Drawing _____
4. Provide life safety plan showing exits and fire ratings for all exit access corridors and shaft. See Drawing _____
5. Indicate travel distance from each tenant space (in Feet) See Drawing _____
6. Provide interior partitions for all rated and non-rated partition types See Drawing _____
7. Indicate all ductwork that crosses fire rated walls and indicate fire dampers See Drawing _____
8. Provide HVAC plans with all duct sizes and CFM per outlet with air balance table. See Drawing _____
9. Indicate on HVAC drawings all exhaust and relief fans with CFM requirements. See Drawing _____
10. Indicate Building Exhaust separate form toilet exhaust. See Drawing _____
11. Submit outside air calculations showing compliance with ASHRAE 62-89. See Drawing _____
12. Submit material data safety sheets if the building stores chemicals or gasses. See Drawing _____
13. Provide plumbing drawings showing non-pressure piping. See Drawing _____
14. Provide isometric of drainage waste and vent system. See Drawing _____
15. Provide plumbing fixture schedule. See Drawing _____
16. Indicate on plans existing fixtures and/or fixtures to be removed. See Drawing _____
17. Indicate existing wet columns and/or existing connections to the existing sewer system. See Drawing _____
18. Provide site plan when applicable for new construction and additions indicating connections of water and gas lines to respective mains. See Drawing _____
19. Provide gas isometric for all gas piping. See Drawing _____
20. Indicate longest run of piping from gas meter to farthest outlet. See Drawing _____
21. Provide total BTU'S of the new and existing gas piping system. See Drawing _____
22. Provide door schedule with fire rating and hardware. See Drawing _____
23. Provide methods of protection for penetrations through fire rated partitions and floors. See Drawing _____



BIRMINGHAM FIRE AND RESCUE SERVICE DEPARTMENT
M E M O R A N D U M

LIFE SAFETY CODE REQUIREMENTS FOR THE PLAN REVIEWING

The following information shall be provided as requested on the Life Safety Code Review.

1. Indicate location of all fire Hydrants. Hydrants must meet remoteness requirements.
2. Provide Fire Department access per International Fire Prevention Code 2003 Edition 602.6. Show how fire apparatus can park on premises and reach all portions of the building without exceeding a 200-foot hose lay.
3. Indicate location of Fire Department connections for the sprinkler system.
4. For the locked entries or gates provide Knox boxes for key access. Electric gates should be capable of being opened during a power failure or fail safe in the open position. Knox boxes shall be ordered with the assistance of Mr. Chambers at the Fire Administration Office 205-254-2766. Fire Department shall determine location of all Knox boxes.
5. For fully sprinklered building provide fire alarm control panel; at least one pull station to test the panel; one smoke detector to protect the panel. Provide audible notification devices throughout the building and visual notification devices for public and common areas for occupant notification.
6. Provide shop drawings for the kitchen hood extinguishing system vent & stove and indicate location of manual pull station and fire extinguisher in the kitchen per NFPA 96. This system will also have to initiate fire alarm system. Provide a class “K” fire extinguisher in the kitchen spaced between 10 and 30 feet of the hazard (stove/grill).
7. Indicate placement of required fire extinguishers.
8. Indicate common path of travel in feet.
9. Indicate dead-ends in feet.
10. Indicate illuminated exit signs.
11. Indicate emergency lighting.
12. Indicate corridor separation.
13. Indicate storage, mechanical, electrical, janitorial rooms separation.
14. Provide horizontal standpipe and valve location.
15. Indicate aisle spacing in storage area. How will freight be stored? What type of display shelves or racks will be used? How high will product be stacked on racks (high piled)? What will be stored? (Provide Material Safety Data Sheets).
16. All janitorial rooms and closets in educational occupancy shall be protected according to Life Safety Code 2003 Edition 10-3.2.3. (Sprinkled).
17. Note: fire alarm system, underground water supply, fire hydrants, fire sprinkler system, kitchen hood, aboveground / underground tank require separate permit and plans review.
18. Plan revisions are not absolute. Field inspections may reveal additional fire protection requirements.
19. Where differences occur between the provision of the code and the referenced standards, the provisions of the code shall apply.