



BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS

(This information to be copied and placed on drawings)

Revised August 18, 2003

1. GENERAL INFORMATION

Name of Project _____

Address _____

Proposed Use _____

Owner or Authorized Agent _____

Phone _____ Fax _____ E-Mail _____

Contractor _____

Address _____

Phone _____ Fax _____ State License No _____

2. LEAD DESIGN PROFESSIONAL _____

Designer	Name	License #	Phone
Architectural	_____	_____	_____
Civil	_____	_____	_____
Electrical	_____	_____	_____
Fire Alarm	_____	_____	_____
Plumbing	_____	_____	_____
Mechanical	_____	_____	_____
Sprinkler-Standpipe	_____	_____	_____
Structural	_____	_____	_____
Letter of Supervision Provided	Yes _____	No _____	

3. GENERAL CODE DATA

3.1 Building and Fire Codes used in design

(Place an "x" by the codes used in the design)

- | | |
|---|---|
| ____ 2000 International Building Code | ____ 2000 International Plumbing Code |
| ____ 1999 National Electric Code | ____ 2000 International Property Maintenance Code |
| ____ 2000 International Mechanical Code | ____ 2003 International Fire Code |
| | ____ 2003 International Existing Building Code |

3.2 Construction Description

New Construction Renovation (Existing Bldg.) Tenant Build-out
 Alteration Addition

Scope of Work:

3.2.1 Existing Buildings

The building will remain in operation during construction Yes No

If yes add provisions for rigid safety barriers and dust barriers to protect the public during construction in accordance with the applicable provisions of IBC Chapter 33. Yellow safety tape not acceptable.

3.2.2 Renovations

Is the work in this building or space a change of occupancy? Yes No

3.2.3 Historic Buildings

This building is a Historic Building Yes No

3.2.4 Compliance Alternatives-Section 3409

Provide building evaluations when existing building does not meet current codes and renovations will not meet all requirements of current building code. Provide evaluation of existing building and a second evaluation reflecting those design features chosen by the Architect/Engineer to give the building a positive score for fire safety, means of egress, and general safety. Call Chief Building Inspector if you are not sure whether evaluation is required or not. Include Summary sheet (Table 3409.7) on drawings including applicable calculations.

4. BUILDING DATA

Construction Type IA IB IIA IIB IIIA
 IIIB IV VA VB

Mixed Construction No Yes Types _____

Sprinklers No Yes Partial
 System Type 13 13R 13D

Standpipes No Yes Wet Dry Class Combined

Building Height Feet Number of Stories _____ Unlimited per _____
 Mezzanine: No Yes

High Rise No Yes

Atrium No Yes

Basement No Yes

5. OCCUPANCY CLASSIFICATION

Assembly 303 A-1 A-2 A-3 A-4 A-5

Business 304

Education 305

Factory Industrial F-1 F-2

High-Hazard 307 H-1 H-2 H-3 H-4 H-5

Institutional 308 I-1 I-2 I-3 I-4

 I-3 Use Condition 1 2 3 4 5

Mercantile 309

Residential 310 R-1 R-2 R-3 R-4

Storage 311 S-1 S-2 High-piled

Utility and Miscellaneous 312

Parking Garage 406.2 Open 406.3 Enclosed 406.4 Repair 406.6

5.1 Special Occupancy

S-2 Enclosed Parking Garage w/ S-2 open parking above

Unlimited height for B, M and R

Parking Beneath R R-2 Type III A R-2 Type II A
 Open parking beneath A, I, B, M and R
 S-2 enclosed parking with A, B, M or R above

5.2 Mixed Occupancy No Yes Separation Hr

Exception _____

Identify whether you are using the provisions of Non-separated uses or Separated uses by placing an "x" below by your design choice.

Non-Separated Mixed Occupancy (302.3.2 Exception)

The required type of construction for the building shall be determined by applying the Height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.

Separated Mixed Occupancy (302.3.3)

Each portion of the building shall be individually classified as to use and shall be completely separated from adjacent areas by fire barrier walls or horizontal assemblies or both having a fire-resistance rating determined in accordance with Table 302.3.3 for the uses being separated. For each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

Incidental Use Areas (302.1.1)

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$

6. ALLOWABLE AREA AND HEIGHT-TABLE 503

6.1 Allowable Area

Allowable area _____ Sq. Ft
Actual area _____ Sq. Ft

Attach area increase calculations per Section 506, if applicable. For unlimited areas, provide applicable paragraph number in Section 507.

6.2 Allowable Height

Allowable height _____ Ft
 Allowable no. of stories _____
 Actual building height _____ Ft
 Actual no. of stories _____

7. OCCUPANT LOAD

Occupant Load /floor = _____ persons: _____ fire area
 Note: Include occupant load calculations for the following types of projects; institutional, assembly, educational, multistory projects, large complex projects, and mixed occupancies.

8. FIRE PROTECTION REQUIREMENTS

8.1 Table 601

Building Element	Req'd Rating	UL No.*
Structural frame, Including columns, girders, trusses	_____	_____
Bearing Walls		
Exterior	_____	_____
Interior	_____	_____
Non-bearing walls and partitions		
Exterior	_____	_____
Interior	_____	_____
Floor Construction (Including supporting beams and joists)	_____	_____
Roof construction (Including supporting beams and joists)	_____	_____

8.2 Other Rated Elements

Element	Required	UL* Hourly Rating	Number
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Interior Walls			
Bearing	_____	_____	_____
Non-bearing	_____	_____	_____
Ceiling-Floors	_____	_____	_____
Beams	_____	_____	_____
Columns	_____	_____	_____
Ceiling-Roofs	_____	_____	_____
Shafts-Exit	_____	_____	_____
Shafts-Other	_____	_____	_____
Corridor Separation	_____	_____	_____
Occupancy Separation	_____	_____	_____
Party/Fire Wall			
Separation:	_____	_____	_____
Smoke Barrier			
Separation:	_____	_____	_____
Tenant Separations:	_____	_____	_____

* Or other approved agencies

FOOTNOTES

1. All fire rated walls shall be identified on plans by hatching, shading, etc.; show legend.
2. Identify code section when using any special exceptions, etc.

8.3 Draftstopping

Draftstopping in floor (716.3) ___ Yes ___ No

Draftstopping in attic (716.4) ___ Yes ___ No

8.3.1 Distance to Property Line from Exterior Wall (Table 602)

(Site Plan/Reference Plan required)

Fire Separation Distance _____ Ft

Fire Resistance Rating _____ Hrs

8.4 Life Safety Systems

1003.2.11	Emergency Lighting:	___ No	___ Yes
1003.2.10	Exit Signs:	___ No	___ Yes
907	Fire Alarm:	___ No	___ Yes
907.2.6.2.3	Smoke Detection Systems:	___ No	___ Yes
	Panic Hardware:	___ No	___ Yes

9. EXIT REQUIREMENTS

9.1 Exit Access (1004 & Table 1005.2.1)

No. of exits required _____
No. of exits furnished _____

9.2 Means of egress width (Table 1003.2.3)

Units of Exit required _____ inches
Units of Exit furnished _____ inches

Stair width units required _____ inches
Stair width units provided _____ inches

9.3 Diagonal Rule

Meets 1004.2.2.1 ___ Yes ___ No

9.4 Travel Distance (Table 1004.2.4)

Allowable Travel Distance _____ Ft
Actual Travel Distance (Maximum) _____ Ft

9.5 Spaces with one means of egress (IBC 1004.2.1)

For buildings with one means of egress, I have checked the occupant load and the common path of travel against the requirements IBC 1004.2.1.
_____ Yes _____ No

10. LIFE SAFETY PLAN

Provided ___ Yes ___ No (If yes, Drawing No.)

13. SPECIAL DETAILED REQUIREMENTS

I have reviewed the special detail requirements in Chapter 4 as indicated below and incorporated the provisions into my design.

REQUIREMENT	APPLICABLE (YES or N/A)
402 Covered Mall building	_____
403 High rise buildings	_____
404 Atriums	_____
405 Under Ground buildings	_____
406 Motor-vehicle Related Occupancies	_____
407 Group I-2	_____
408 Group I-3	_____
409 Motion Picture Projection Rooms	_____
410 Stages & Platforms	_____
411 Special Amusement Buildings	_____
412 Aircraft Related Occupancies	_____
413 Combustible Storage	_____
414 Hazardous Materials	_____
415 Groups H-1, H-2, H-3, H-4, & H-5	_____
416 Application of flammable finishes	_____
417 Drying Rooms	_____
418 Organic Coatings	_____

14. SPECIAL INSPECTIONS

I have reviewed the requirements of IBC Section 1704 on Special Inspections and will perform the applicable required inspections as part of my responsibilities acknowledged under my letter of supervision. _____ Yes _____ No

All new construction and change of occupancy renovations require a plot plan to scale showing location of fire hydrants, FDC connections, roads, driveways, and buildings.

Installation, relocation, or replacement of Fire Sprinkler or Fire Alarm components shall require permitting by the Fire Marshall's Office.

All buildings require fire extinguishers (Minimum Size 2A-10bc).

Approved numbers or addresses shall be provided for all buildings in such a position as to be plainly visible and legible from the street or road fronting the property – Minimum 4' high letters.